

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010330.D
 Acq On : 17 Jun 2019 17:32
 Operator : JC/SP
 Sample : VX0617MBS02
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 01:54:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	460078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	156147	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.50	113	155634	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
50) Toluene-d8	8.71	98	579705	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
62) 4-Bromofluorobenzene	11.13	95	213243	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56475	19.846	ug/l	98
3) Chloromethane	1.33	50	51338	18.166	ug/l	100
4) Vinyl Chloride	1.41	62	54145	20.385	ug/l	99
5) Bromomethane	1.64	94	27425	27.362	ug/l	97
6) Chloroethane	1.72	64	35263	26.333	ug/l	98
7) Trichlorofluoromethane	1.93	101	90481	22.933	ug/l	98
8) Diethyl Ether	2.19	74	30541	22.459	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54326	19.975	ug/l	90
10) Methyl Iodide	2.51	142	72741	17.263	ug/l	97
11) Tert butyl alcohol	3.04	59	86032	116.338	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53881	19.397	ug/l #	77
13) Acrolein	2.29	56	9571	70.980	ug/l	95
14) Allyl chloride	2.73	41	79710	19.010	ug/l #	88
15) Acrylonitrile	3.14	53	155124	102.627	ug/l	99
16) Acetone	2.45	43	150403	105.931	ug/l #	89
17) Carbon Disulfide	2.57	76	128265	15.981	ug/l	99
18) Methyl Acetate	2.78	43	67580	21.643	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	178868	20.043	ug/l	91
20) Methylene Chloride	2.85	84	60705	19.468	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	57624	18.745	ug/l #	77
22) Diisopropyl ether	3.85	45	163538	20.399	ug/l #	93
23) Vinyl Acetate	3.81	43	716395	100.169	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	93954	19.302	ug/l	96
25) 2-Butanone	4.67	43	225485	106.650	ug/l #	83
26) 2,2-Dichloropropane	4.59	77	84782	19.093	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	68906	20.149	ug/l	77
28) Bromochloromethane	5.01	49	39770	18.231	ug/l #	48
29) Tetrahydrofuran	5.13	42	134577	101.284	ug/l #	76
30) Chloroform	5.21	83	100983	19.977	ug/l	99
31) Cyclohexane	5.58	56	81815	18.624	ug/l #	75
32) 1,1,1-Trichloroethane	5.50	97	91516	19.257	ug/l	94
36) 1,1-Dichloropropene	5.80	75	71867	19.146	ug/l	92
37) Ethyl Acetate	4.83	43	76954	19.704	ug/l #	89
38) Carbon Tetrachloride	5.79	117	81617	19.211	ug/l	95

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 Data File : VX010330.D
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 Sample : VX0617MBS02
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 01:54:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95013	18.589	ug/l #	83
40) Benzene	6.14	78	231173	19.917	ug/l	99
41) Methacrylonitrile	5.04	41	41695	19.736	ug/l #	81
42) 1,2-Dichloroethane	6.20	62	75723	20.436	ug/l	95
43) Isopropyl Acetate	6.45	43	130055	19.917	ug/l #	89
44) Trichloroethene	7.21	130	69164	19.769	ug/l	83
45) 1,2-Dichloropropane	7.51	63	60235	20.735	ug/l	97
46) Dibromomethane	7.66	93	41733	19.175	ug/l	89
47) Bromodichloromethane	7.90	83	78458	19.292	ug/l #	99
48) Methyl methacrylate	7.77	41	60770	19.900	ug/l #	76
49) 1,4-Dioxane	7.74	88	36177	415.501	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	421327	108.006	ug/l	89
52) Toluene	8.78	92	151516	19.859	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	86382	18.364	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	95247	18.887	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	66135	21.166	ug/l	97
56) Ethyl methacrylate	9.18	69	99111	20.080	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	98705	20.065	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	225092	96.736	ug/l #	86
59) 2-Hexanone	9.49	43	338084	108.699	ug/l	88
60) Dibromochloromethane	9.58	129	71610	19.375	ug/l	100
61) 1,2-Dibromoethane	9.67	107	68577	19.706	ug/l	99
64) Tetrachloroethene	9.34	164	67607	21.882	ug/l	97
65) Chlorobenzene	10.14	112	172500	20.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	64548	19.550	ug/l	98
67) Ethyl Benzene	10.25	91	294160	20.126	ug/l	95
68) m/p-Xylenes	10.36	106	225756	39.916	ug/l	91
69) o-Xylene	10.69	106	112210	19.959	ug/l	89
70) Styrene	10.71	104	188165	19.761	ug/l	95
71) Bromoform	10.85	173	56195	18.514	ug/l #	99
73) Isopropylbenzene	11.02	105	295521	19.903	ug/l	94
74) N-amyl acetate	10.90	43	117901	20.087	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	99837	19.643	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	112725	26.496	ug/l	84
77) Bromobenzene	11.26	156	80973	19.831	ug/l	82
78) n-propylbenzene	11.36	91	324865	19.653	ug/l	94
79) 2-Chlorotoluene	11.42	91	193541	19.495	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	248140	19.842	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	34327	17.827	ug/l	87
82) 4-Chlorotoluene	11.51	91	221645	19.653	ug/l	90
83) tert-Butylbenzene	11.77	119	250880	19.820	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	250433	19.825	ug/l	97
85) sec-Butylbenzene	11.94	105	293666	19.914	ug/l	96
86) p-Isopropyltoluene	12.06	119	268923	19.948	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	144300	20.064	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	143343	19.771	ug/l	99
89) n-Butylbenzene	12.38	91	227704	19.622	ug/l	97
90) Hexachloroethane	12.60	117	45820	17.062	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	142806	20.424	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21832	18.254	ug/l	67

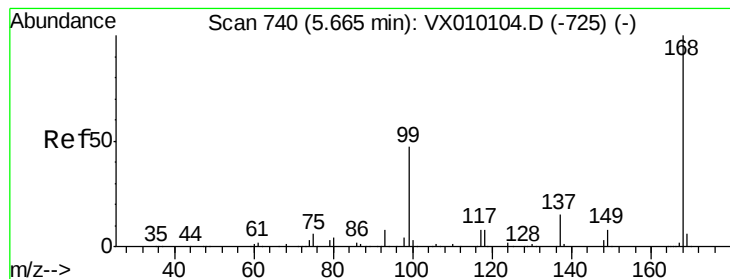
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061719\
Data File : VX010330.D
Acq On : 17 Jun 2019 17:32
Operator : JC/SP
Sample : VX0617MBS02
Misc : 5.00µL/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 18 01:54:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101101	19.754	ug/l	99
94) Hexachlorobutadiene	13.78	225	45994	20.207	ug/l	99
95) Naphthalene	13.83	128	324595	20.147	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	102511	20.257	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

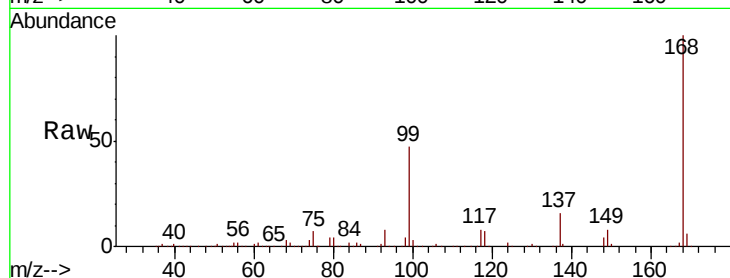
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 309259

Ion Ratio Lower Upper

168 100

99 47.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

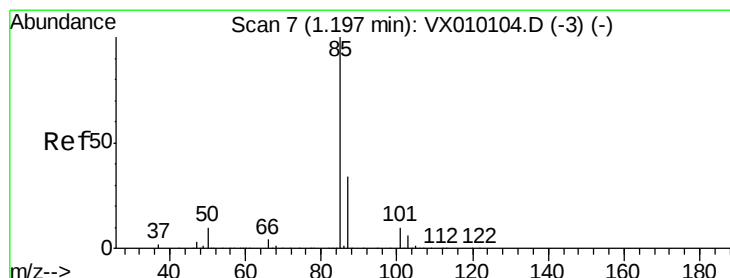
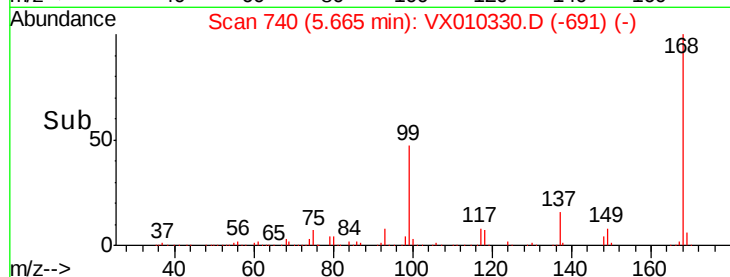
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.846 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010330.D

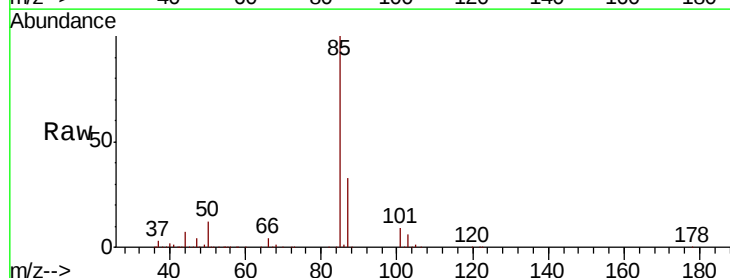
Acq: 17 Jun 2019 17:32

Tgt Ion: 85 Resp: 56475

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

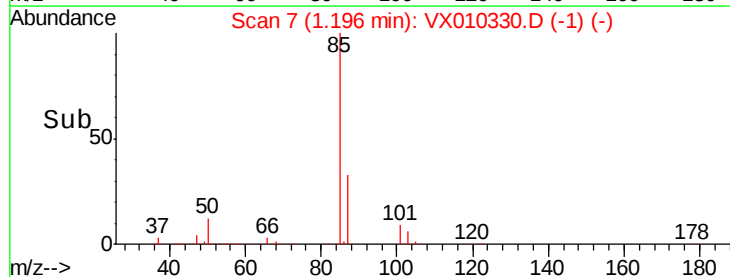
30000

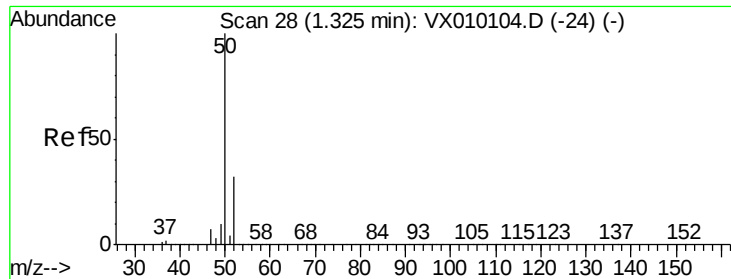
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.166 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

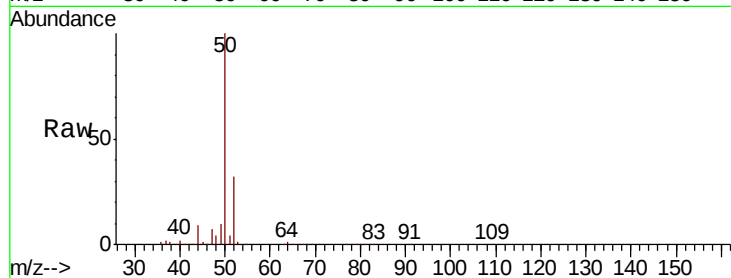
ClientSampleId :

Tot Ion: 50 Resp: 51338

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

50000

40000

30000

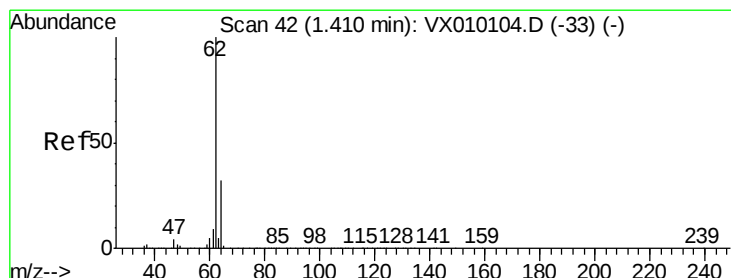
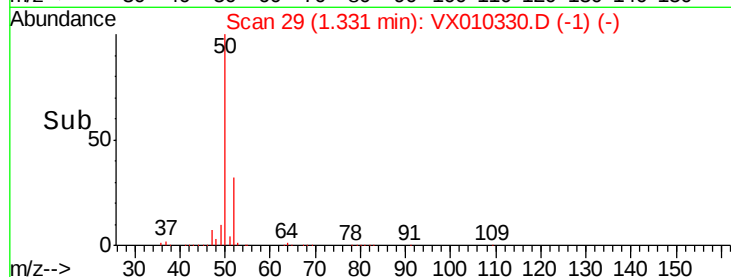
20000

10000

0

Time-->

1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 20.385 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010330.D

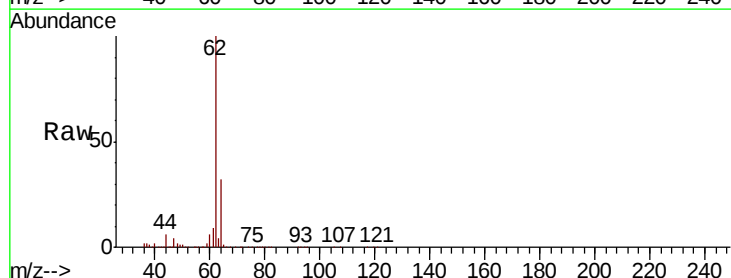
Acq: 17 Jun 2019 17:32

Tgt Ion: 62 Resp: 54145

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

60000

50000

40000

30000

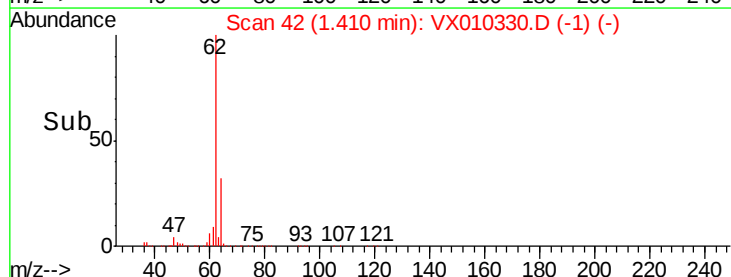
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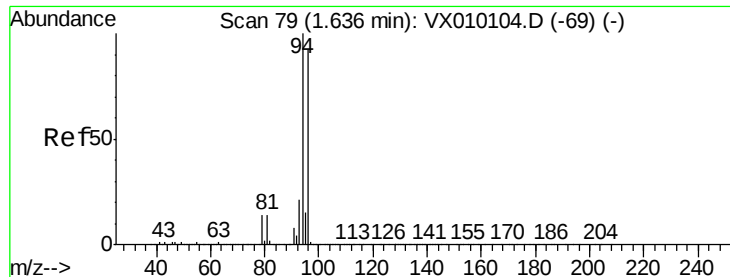
10000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 27.362 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

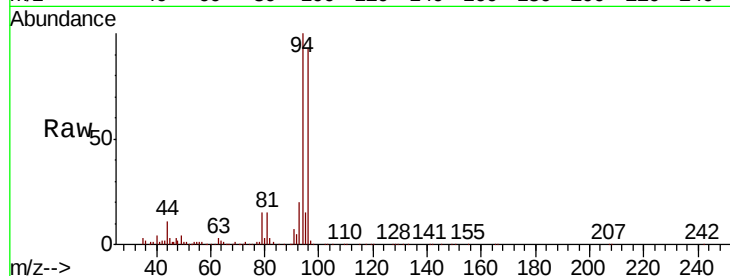
ClientSampleId :

Tot Ion: 94 Resp: 27425

Ion Ratio Lower Upper

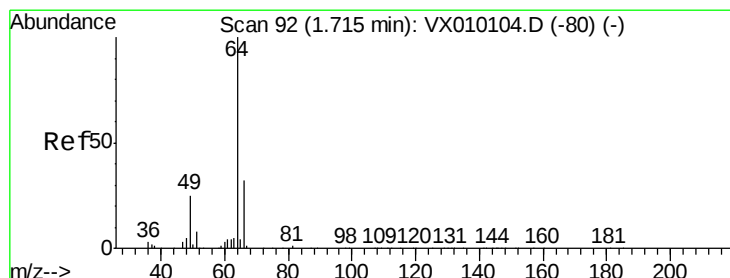
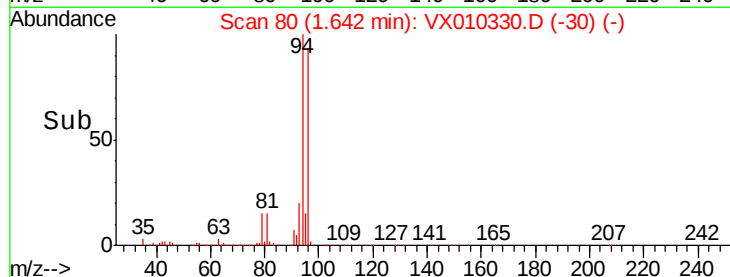
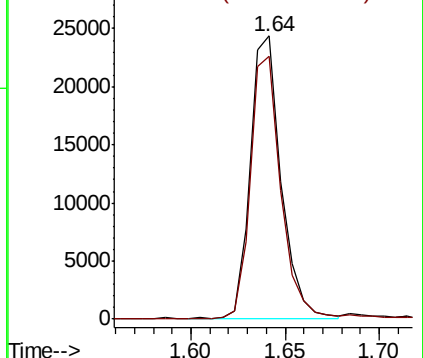
94 100

96 92.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 26.333 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010330.D

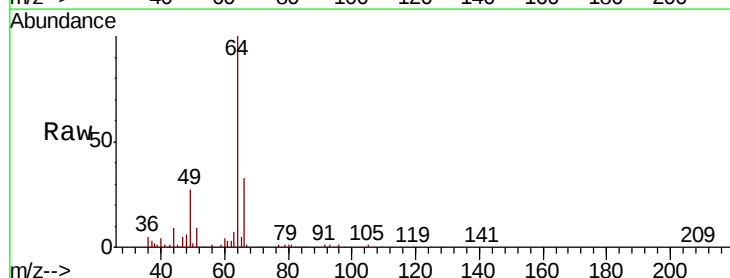
Acq: 17 Jun 2019 17:32

Tgt Ion: 64 Resp: 35263

Ion Ratio Lower Upper

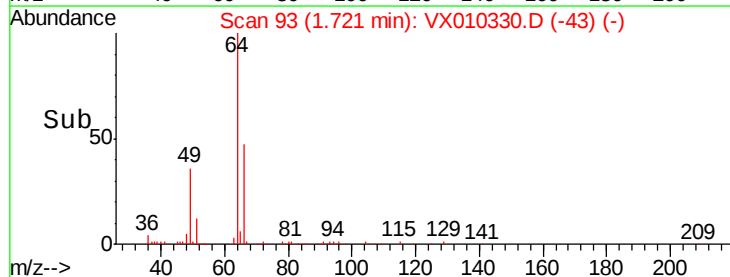
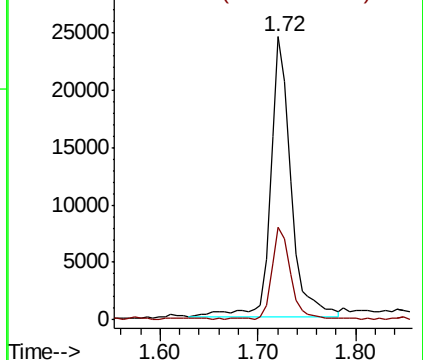
64 100

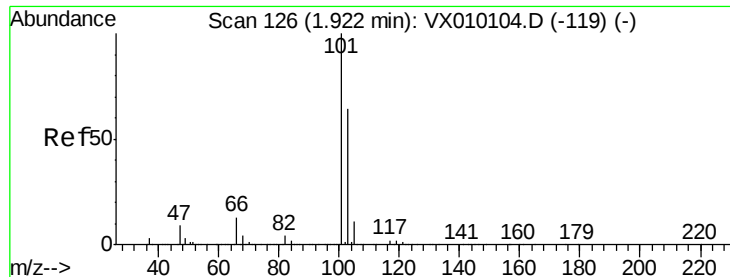
66 32.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



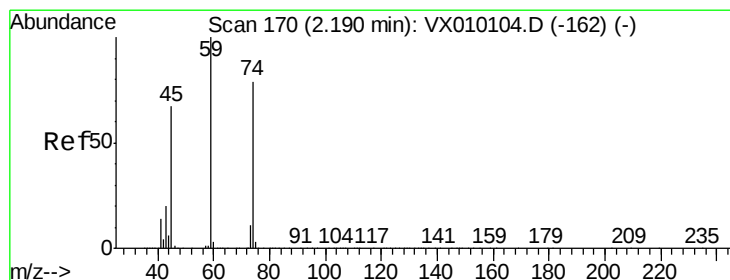
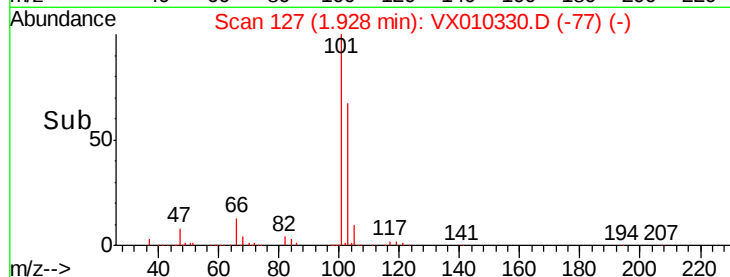
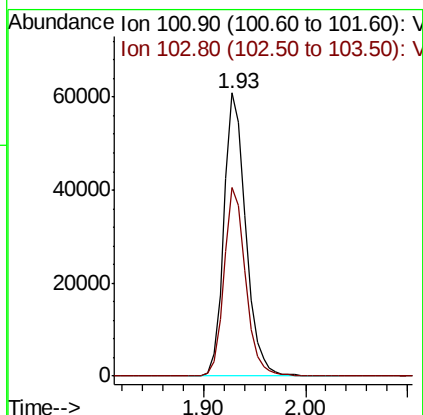
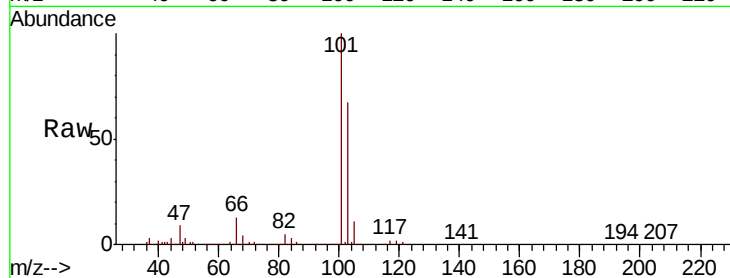


#7

Trichlorofluoromethane
Concen: 22.933 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :

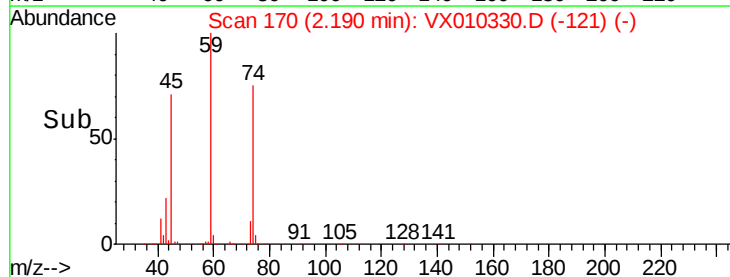
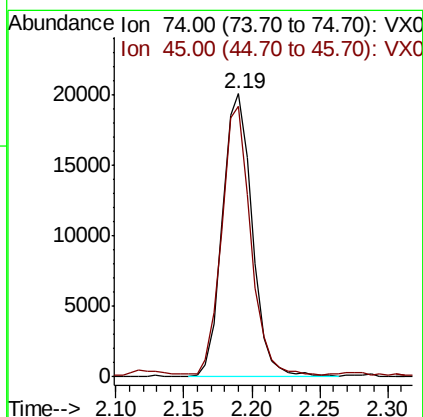
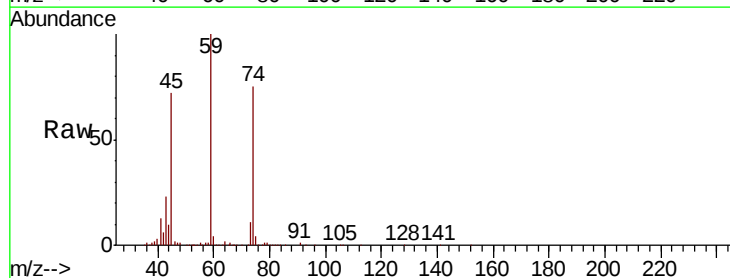
Tot Ion:101 Resp: 90481
Ion Ratio Lower Upper
101 100
103 66.8 52.2 78.4

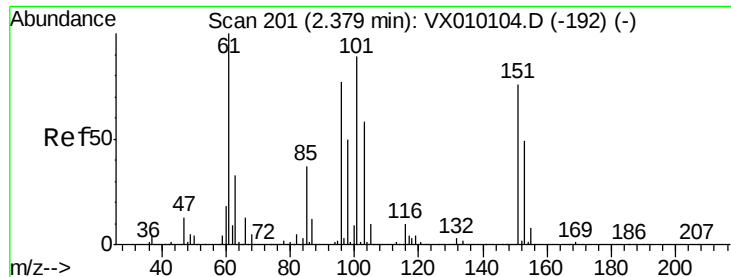


#8

Diethyl Ether
Concen: 22.459 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion: 74 Resp: 30541
Ion Ratio Lower Upper
74 100
45 92.4 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.975 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

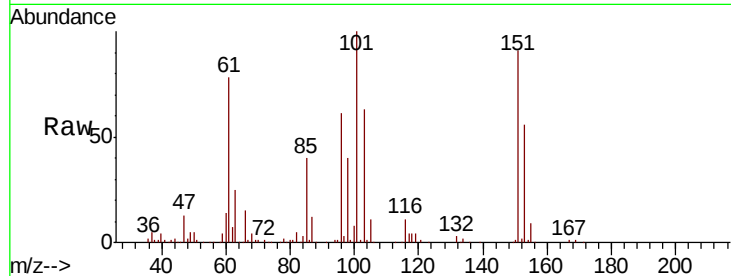
Tot Ion:101 Resp: 54326

Ion Ratio Lower Upper

101 100

85 43.0 35.2 52.8

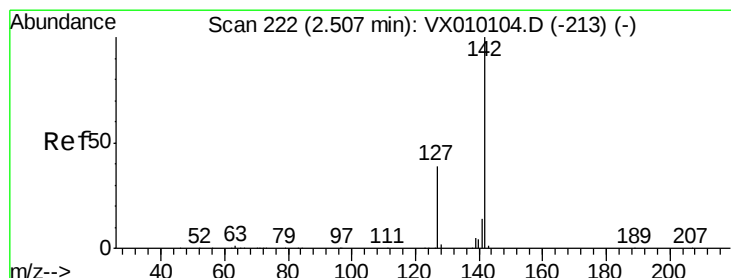
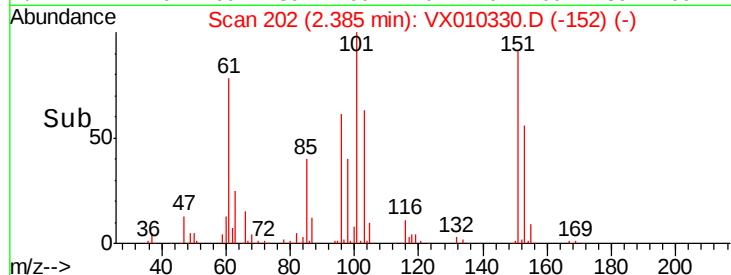
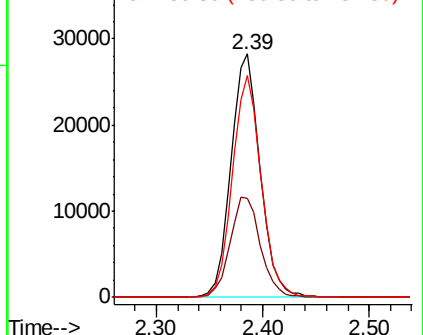
151 89.8 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.263 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

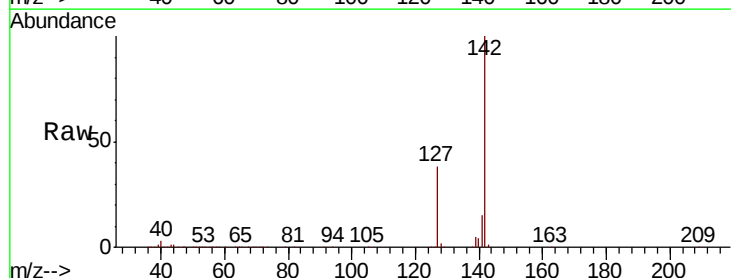
Tgt Ion:142 Resp: 72741

Ion Ratio Lower Upper

142 100

127 38.9 33.0 49.4

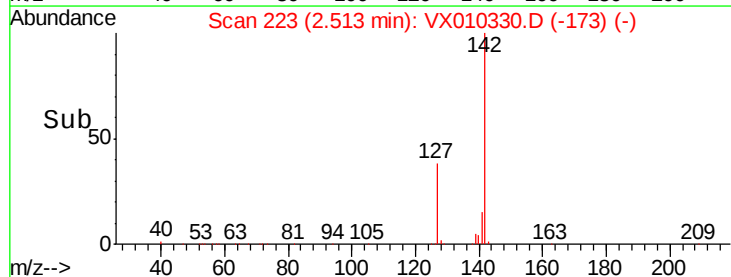
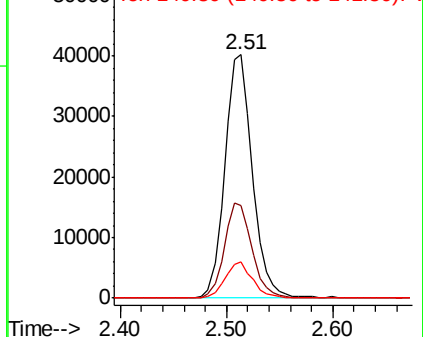
141 14.6 11.4 17.0

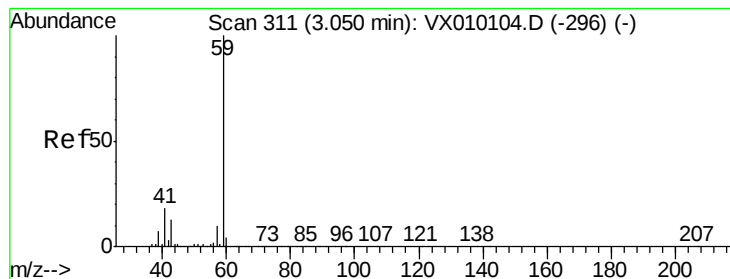


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



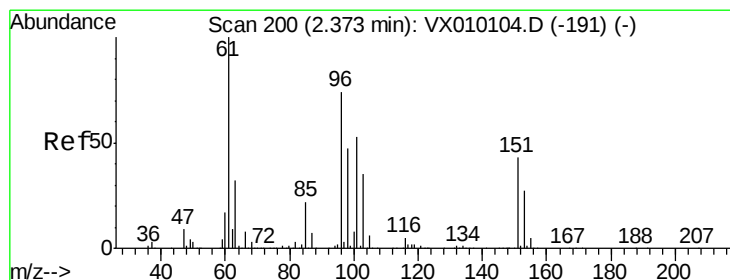
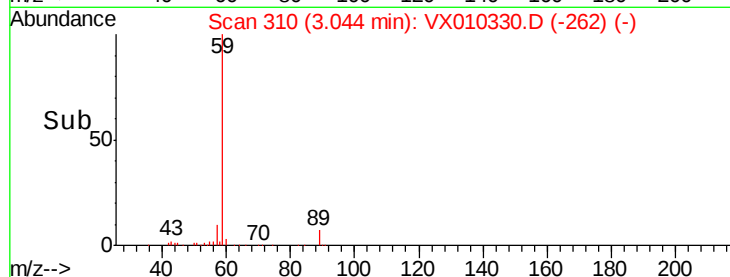
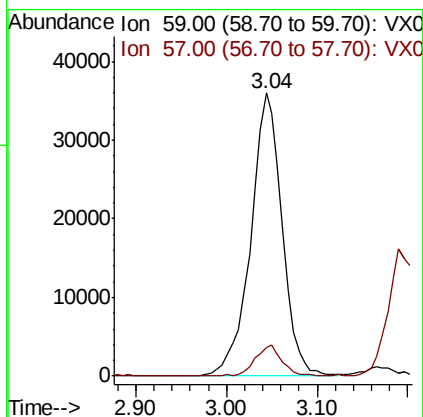
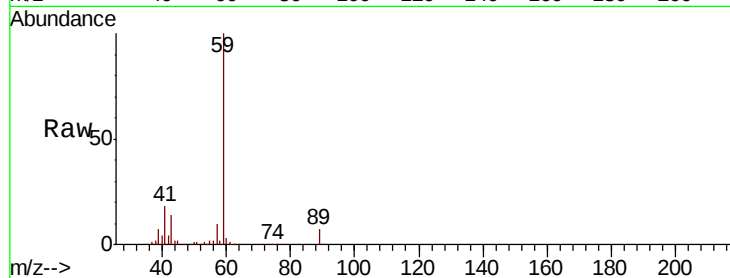


#11

Tert butyl alcohol
Concen: 116.338 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Instrument :
MSVOA_X
ClientSampled :

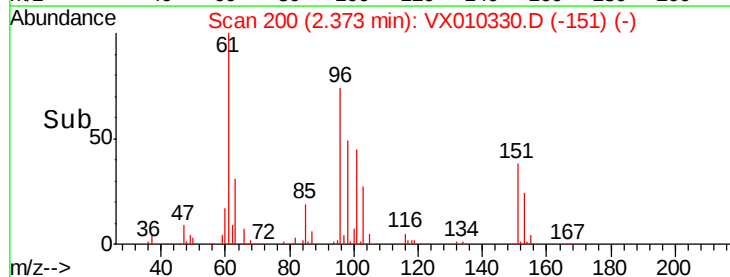
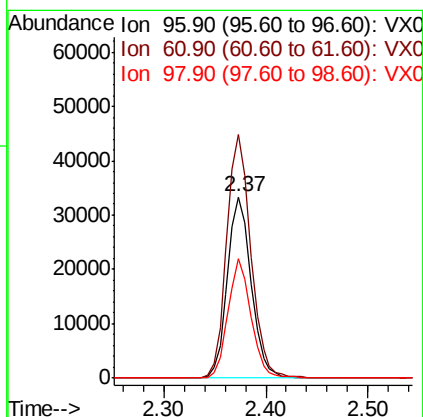
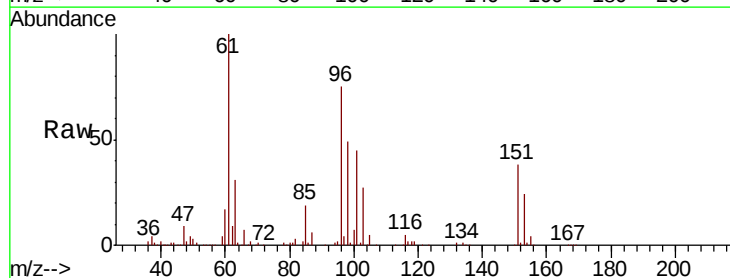
Tot Ion: 59 Resp: 86032
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2

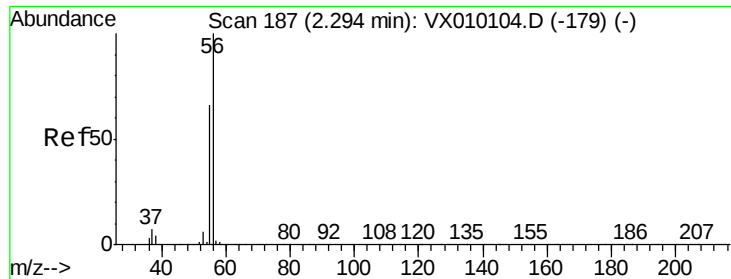


#12

1,1-Dichloroethene
Concen: 19.397 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion: 96 Resp: 53881
Ion Ratio Lower Upper
96 100
61 134.1 140.7 211.1#
98 66.1 50.1 75.1





#13

Acrolein

Concen: 70.980 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

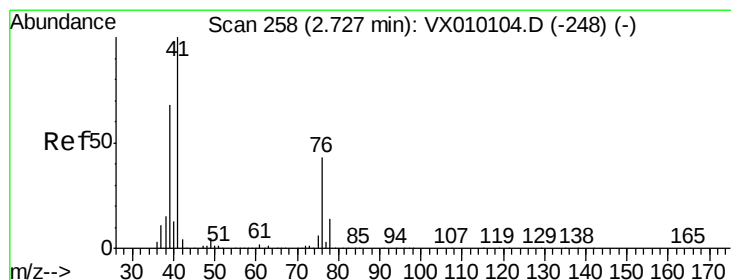
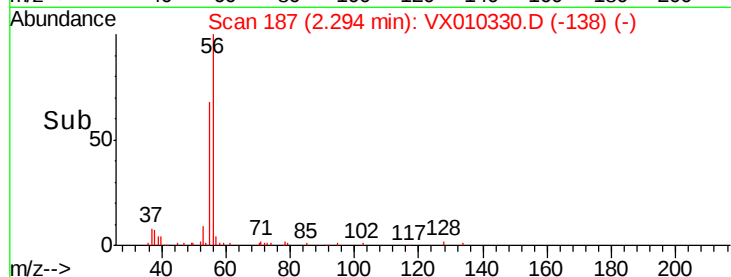
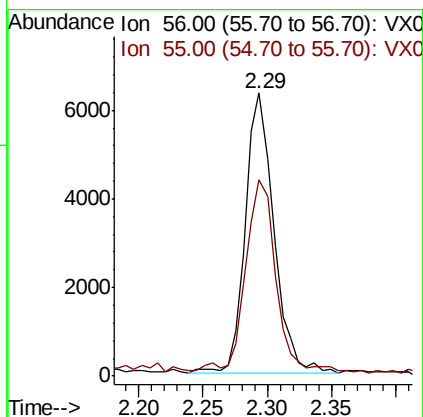
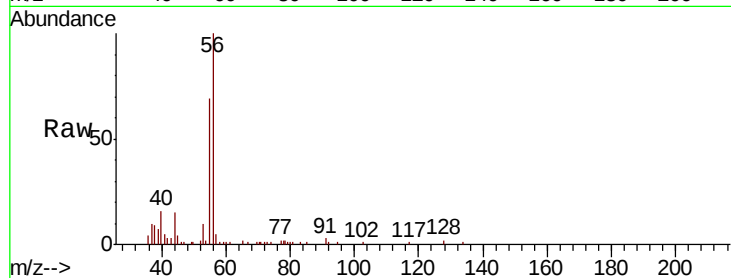
ClientSampleId :

Tot Ion: 56 Resp: 9571

Ion Ratio Lower Upper

56 100

55 75.1 57.0 85.4



#14

Allyl chloride

Concen: 19.010 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

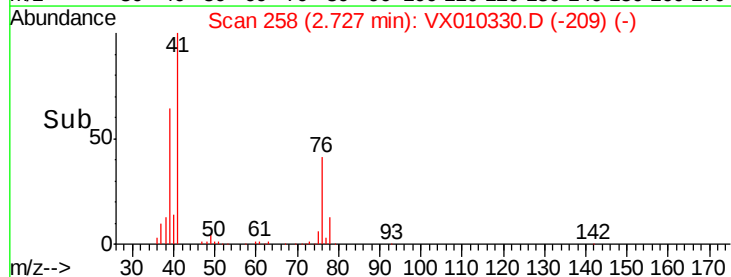
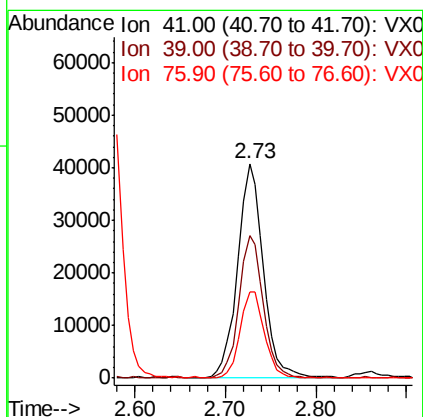
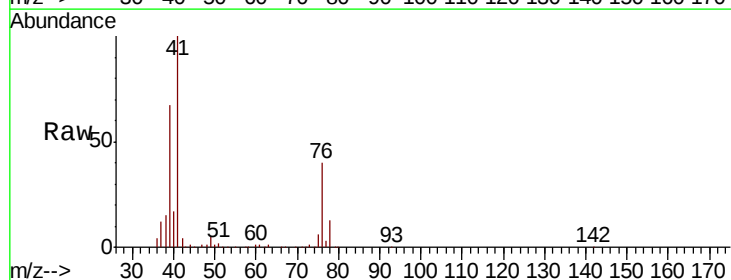
Tgt Ion: 41 Resp: 79710

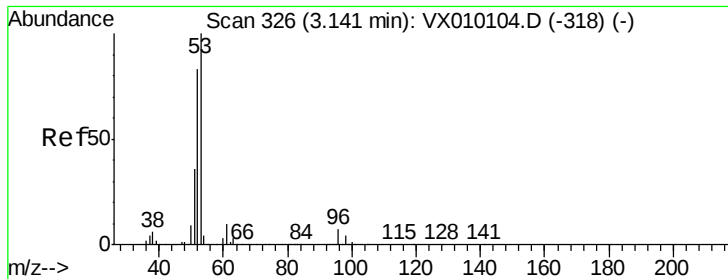
Ion Ratio Lower Upper

41 100

39 63.8 46.7 70.1

76 37.9 21.0 31.4#





#15

Acrylonitrile

Concen: 102.627 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

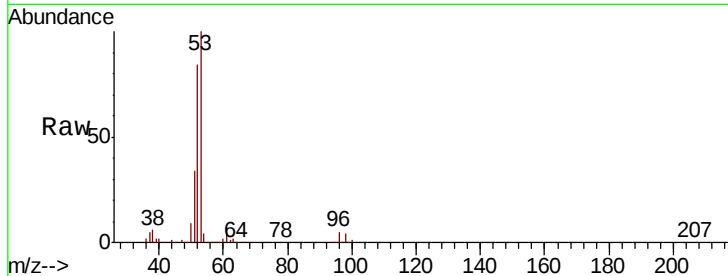
Tot Ion: 53 Resp: 155124

Ion Ratio Lower Upper

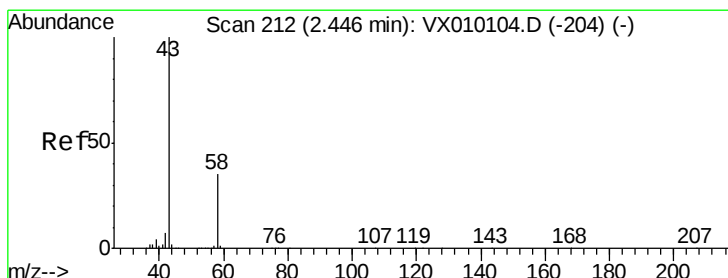
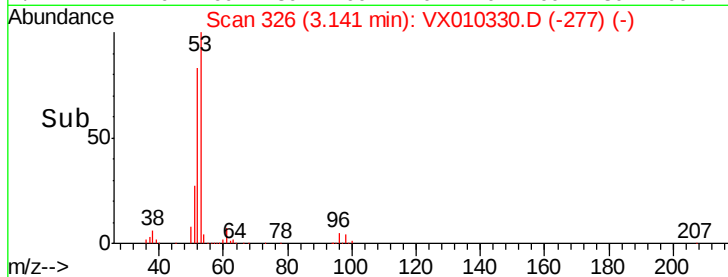
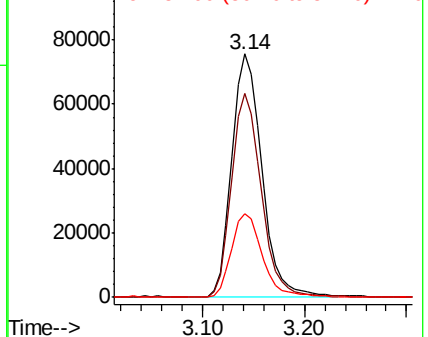
53 100

52 82.9 66.7 100.1

51 35.5 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 105.931 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010330.D

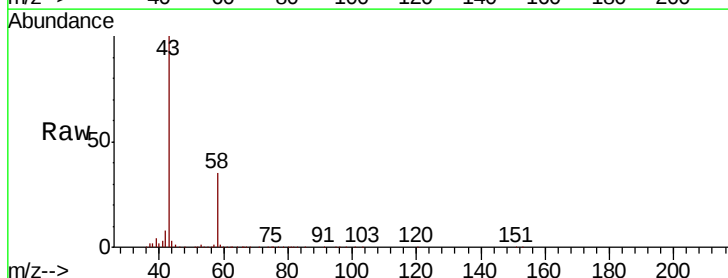
Acq: 17 Jun 2019 17:32

Tgt Ion: 43 Resp: 150403

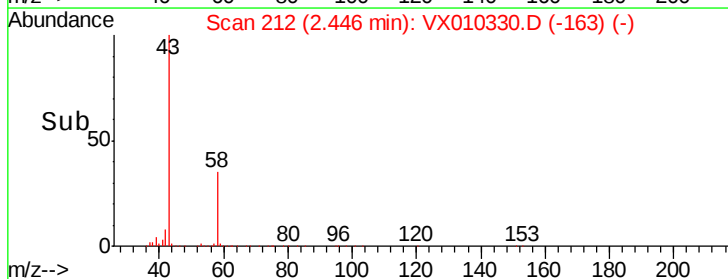
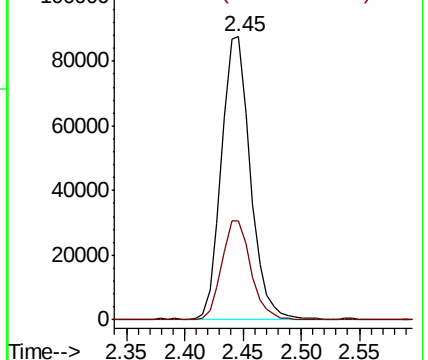
Ion Ratio Lower Upper

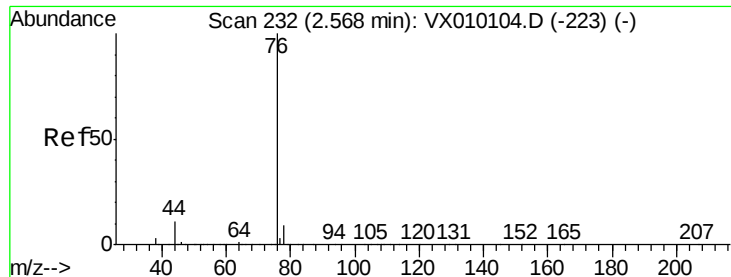
43 100

58 34.8 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

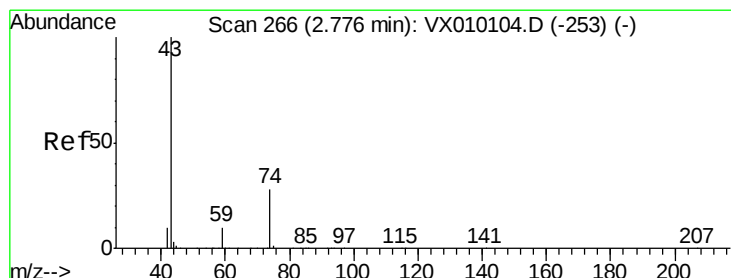
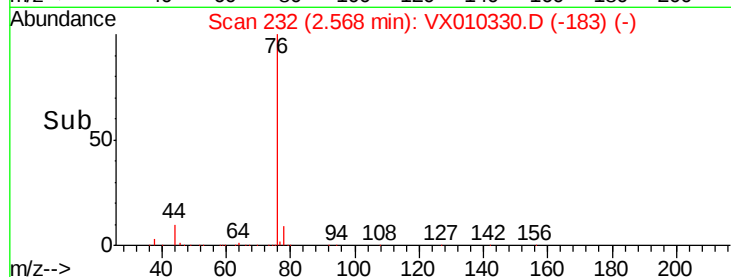
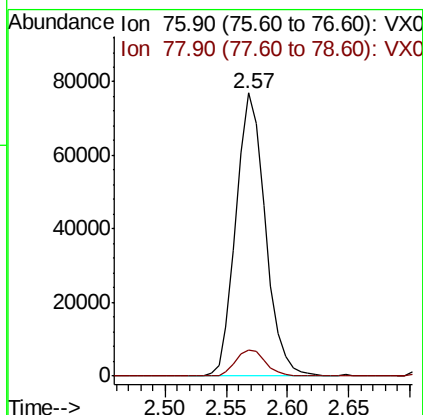
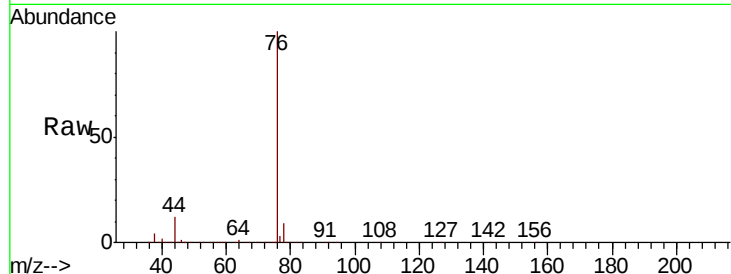




#17
Carbon Disulfide
Concen: 15.981 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

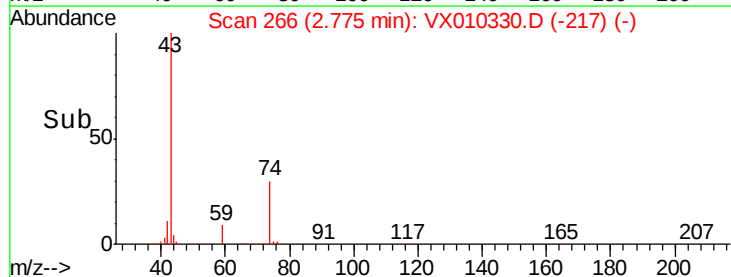
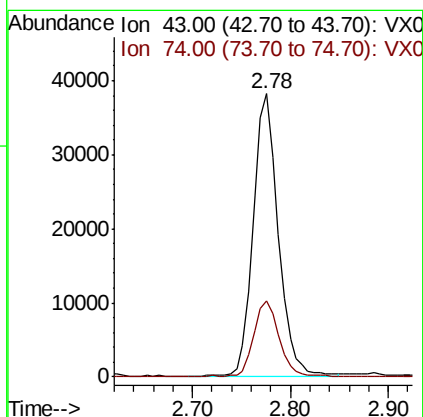
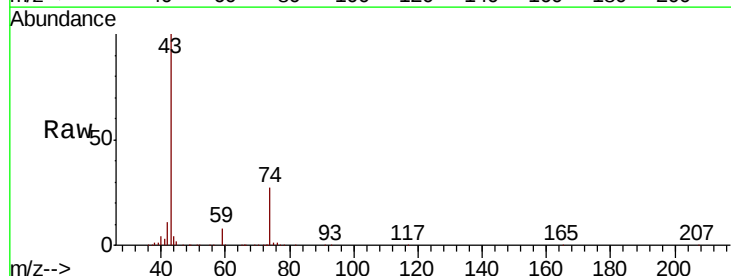
Instrument :
MSVOA_X
ClientSampleId :

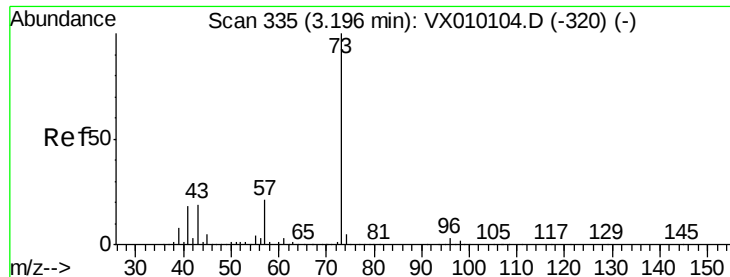
Tot Ion: 76 Resp: 128265
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 21.643 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion: 43 Resp: 67580
Ion Ratio Lower Upper
43 100
74 28.2 15.8 23.6#

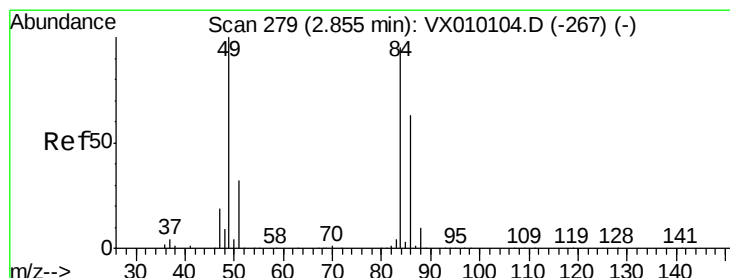
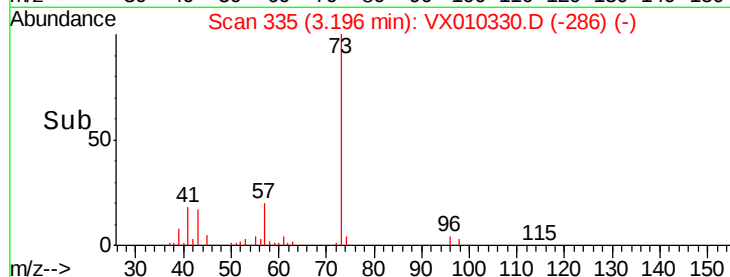
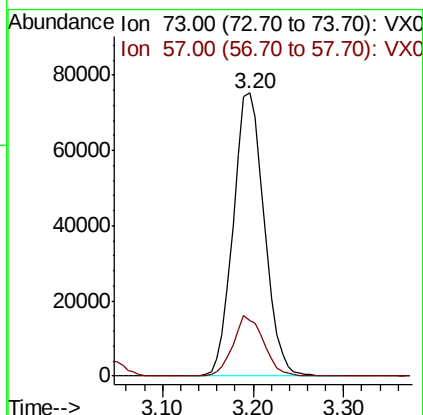
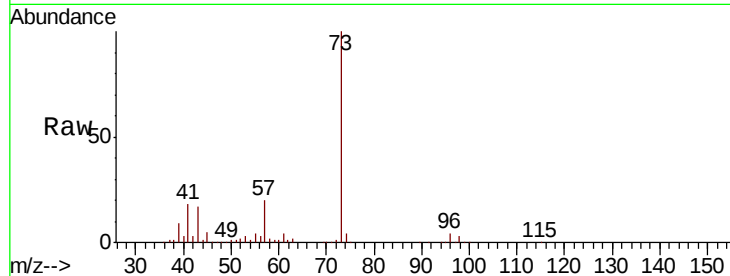




#19
Methyl tert-butyl Ether
Concen: 20.043 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

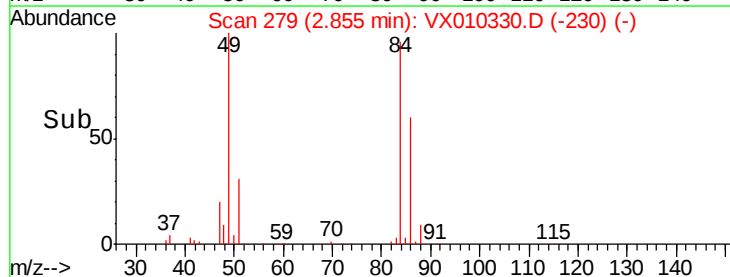
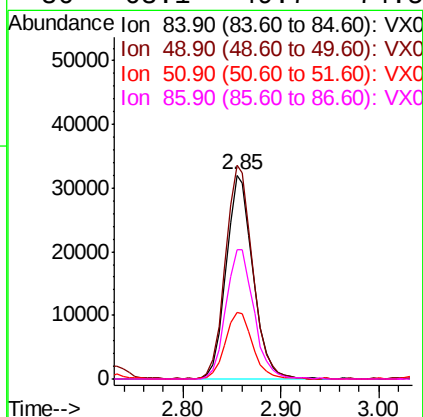
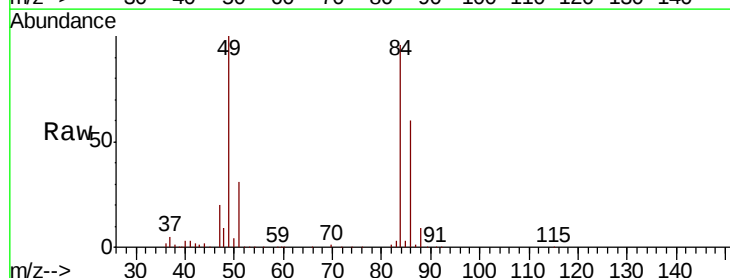
Instrument :
MSVOA_X
ClientSampleId :

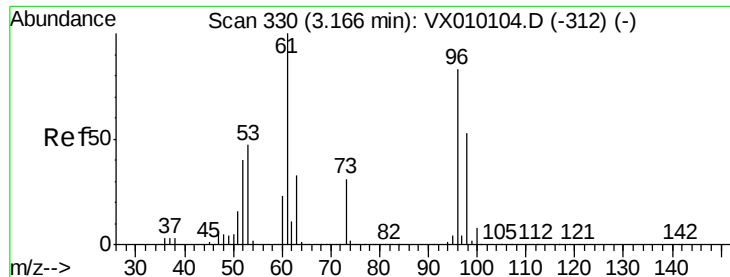
Tot Ion: 73 Resp: 178868
Ion Ratio Lower Upper
73 100
57 19.8 19.4 29.2



#20
Methylene Chloride
Concen: 19.468 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion: 84 Resp: 60705
Ion Ratio Lower Upper
84 100
49 104.4 115.8 173.6#
51 32.4 34.4 51.6#
86 63.1 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.745 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :

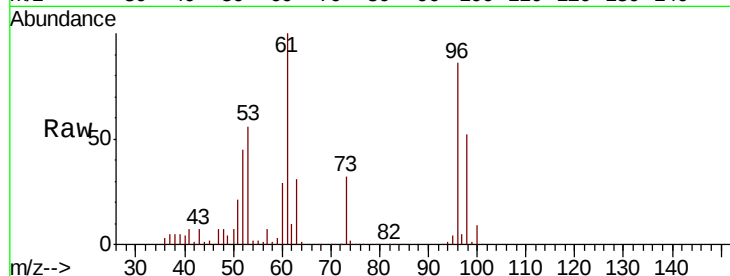
Tot Ion: 96 Resp: 57624

Ion Ratio Lower Upper

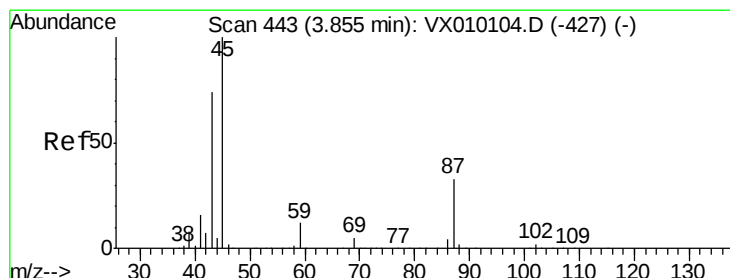
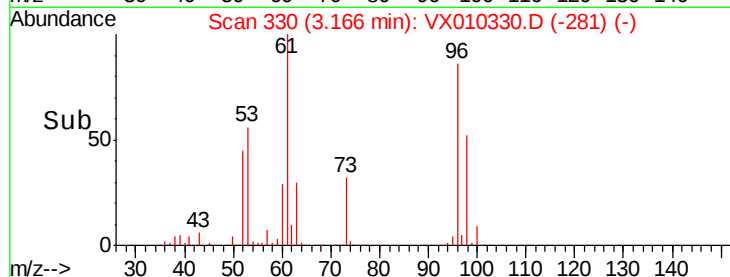
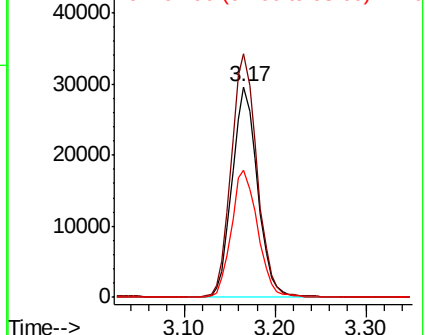
96 100

61 115.6 125.7 188.5#

98 60.2 49.0 73.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.399 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Tgt Ion: 45 Resp: 163538

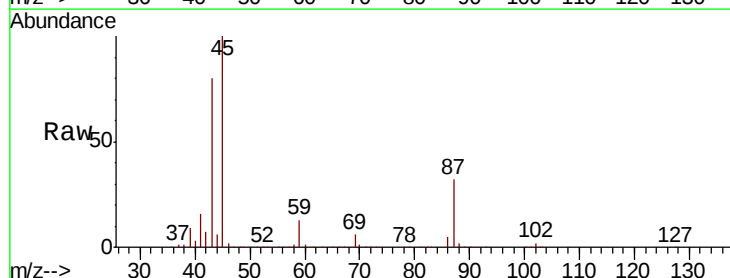
Ion Ratio Lower Upper

45 100

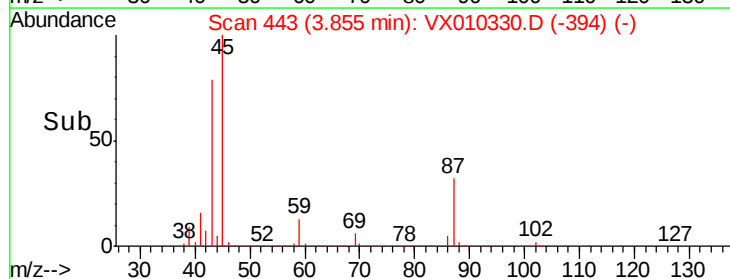
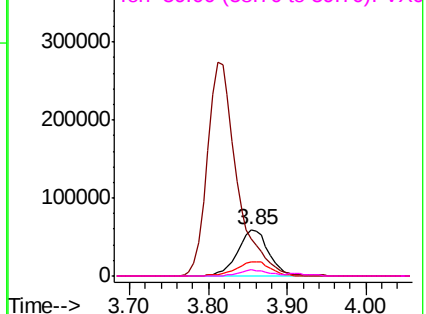
43 78.1 65.0 97.4

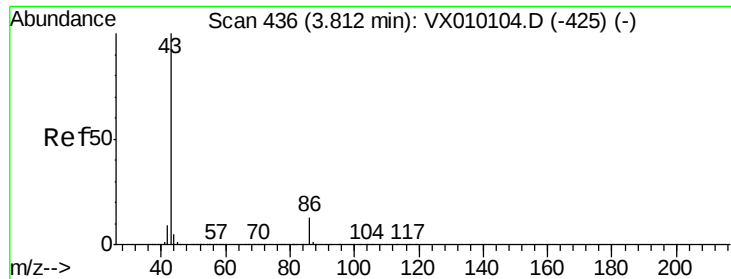
87 31.9 17.3 25.9#

59 13.1 8.1 12.1#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.169 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

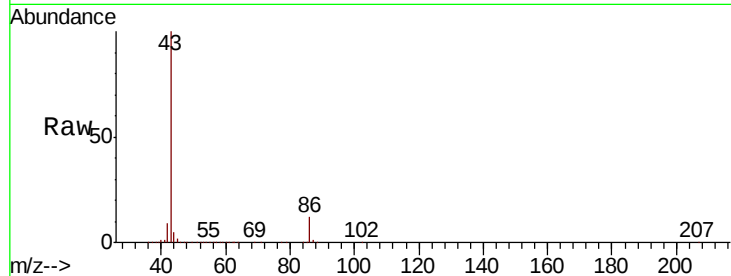
ClientSampleId :

Tot Ion: 43 Resp: 716395

Ion Ratio Lower Upper

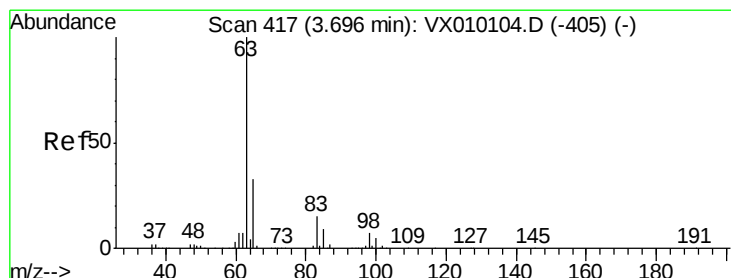
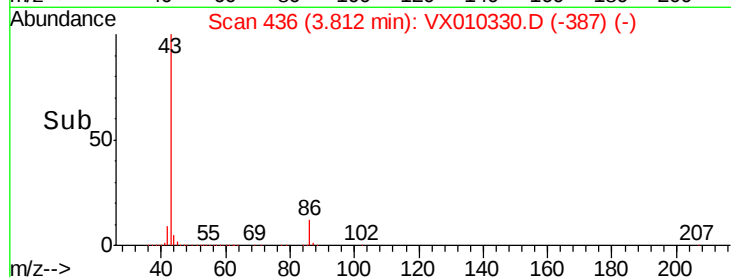
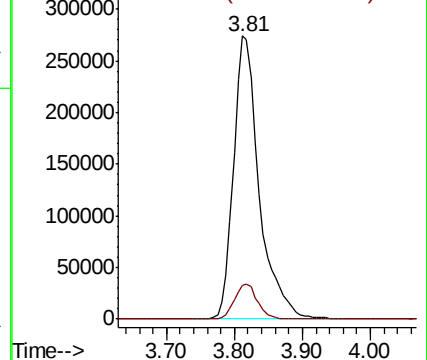
43 100

86 12.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.302 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

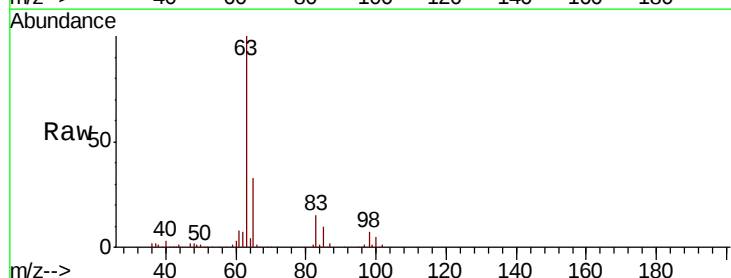
Tgt Ion: 63 Resp: 93954

Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.8

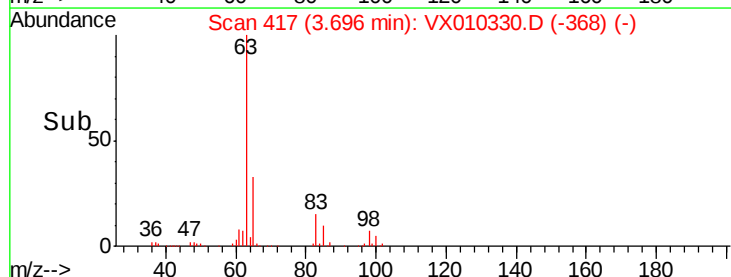
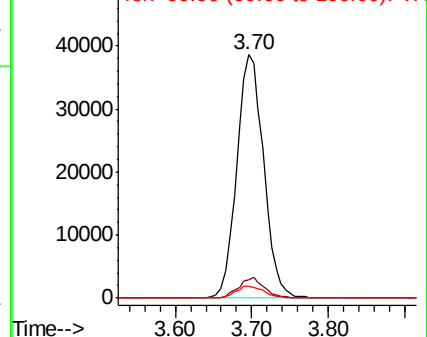
100 4.9 1.8 5.4

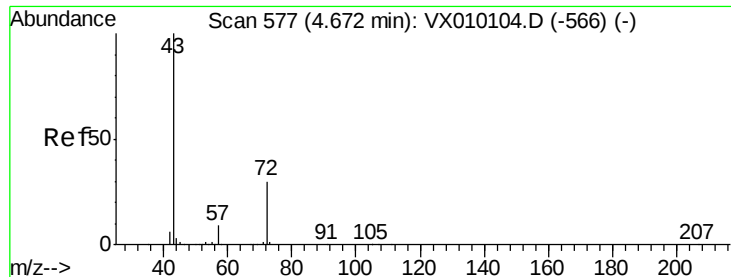


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 106.650 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

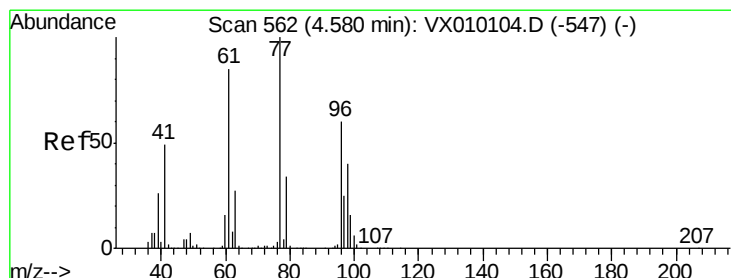
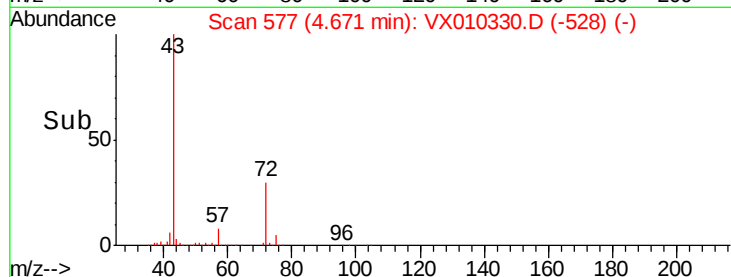
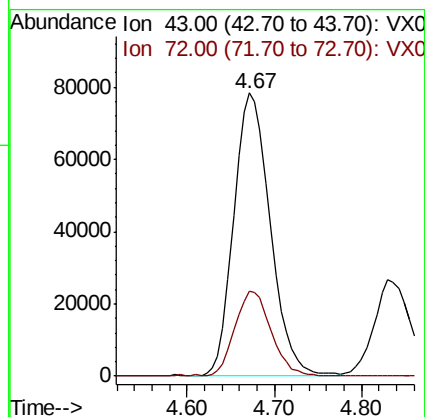
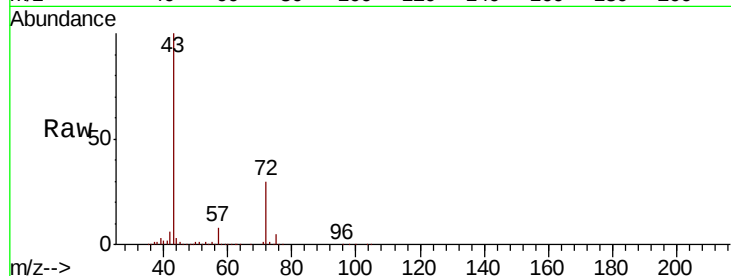
ClientSampled :

Tot Ion: 43 Resp: 225485

Ion Ratio Lower Upper

43 100

72 29.8 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 19.093 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010330.D

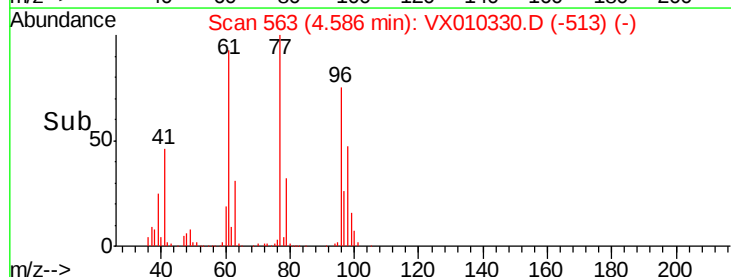
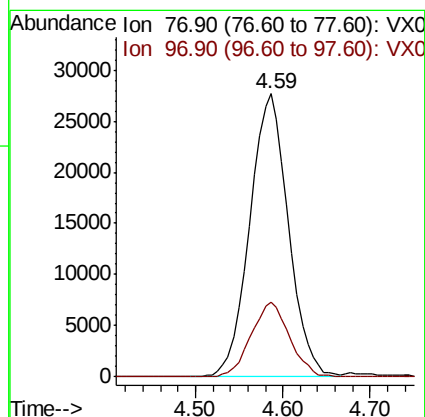
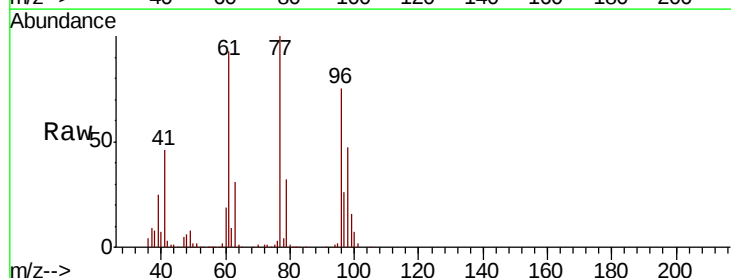
Acq: 17 Jun 2019 17:32

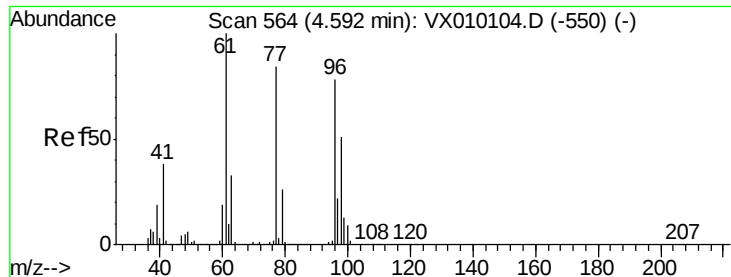
Tgt Ion: 77 Resp: 84782

Ion Ratio Lower Upper

77 100

97 26.3 11.4 34.2



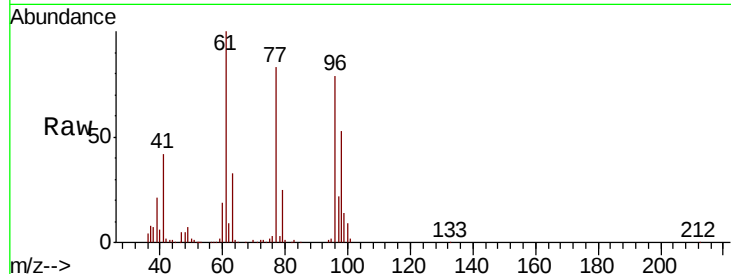


#27

cis-1,2-Dichloroethene
Concen: 20.149 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	68906
Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	334.0
98	65.5	0.0	131.6

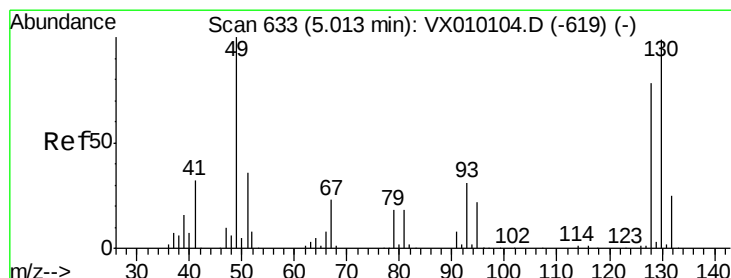
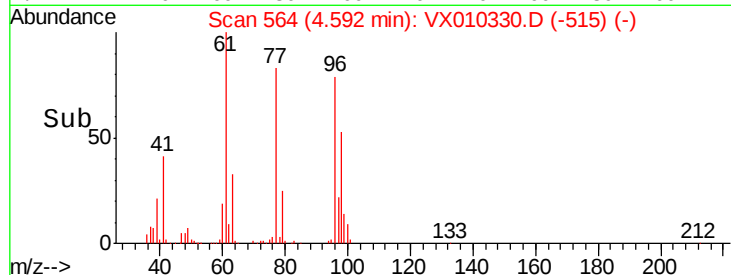
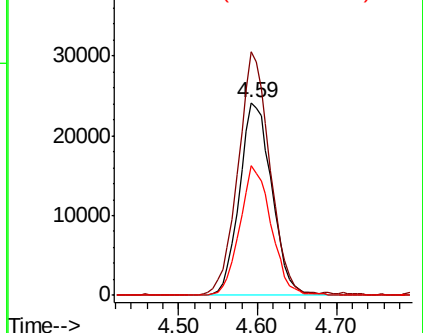


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

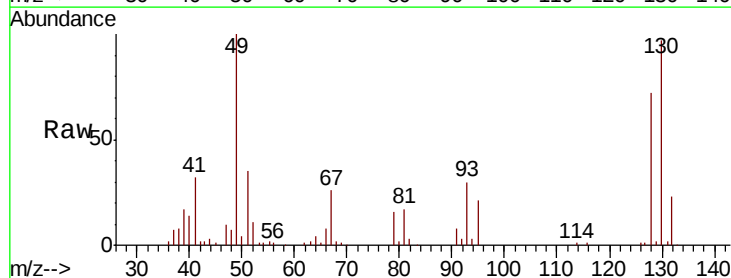
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 18.231 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion	49	Resp	39770
Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	3.4
130	102.4	49.4	74.2#

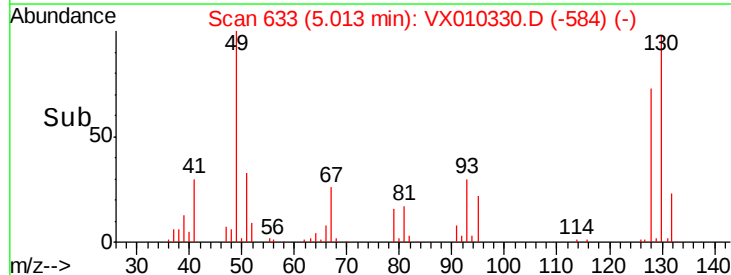
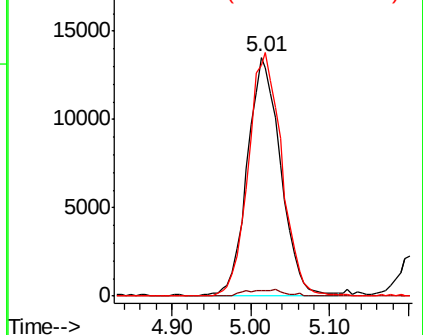


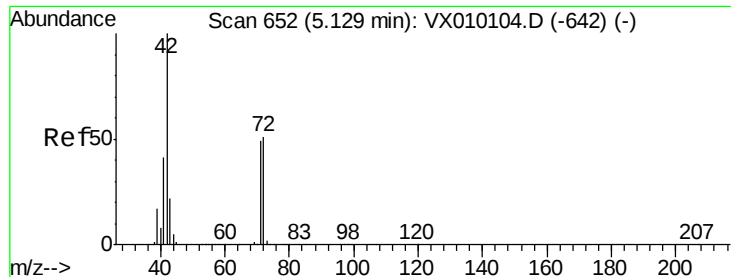
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.284 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

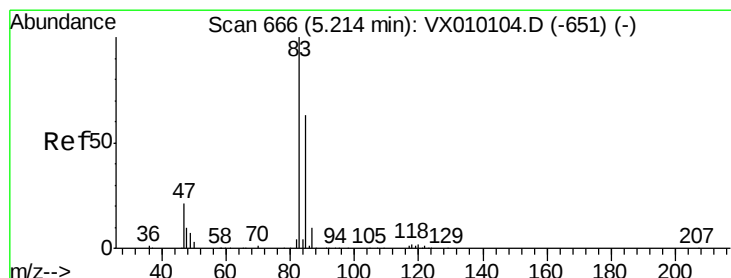
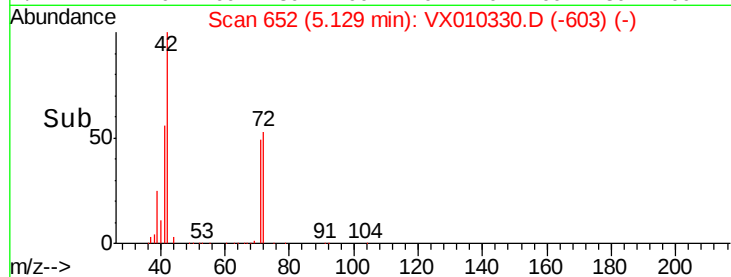
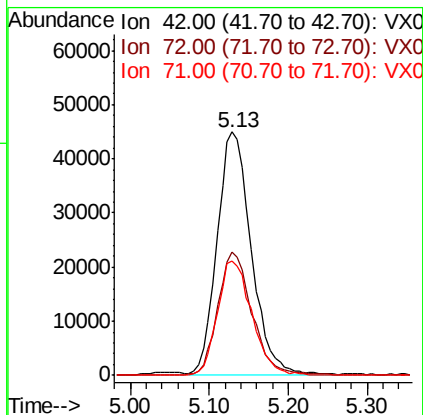
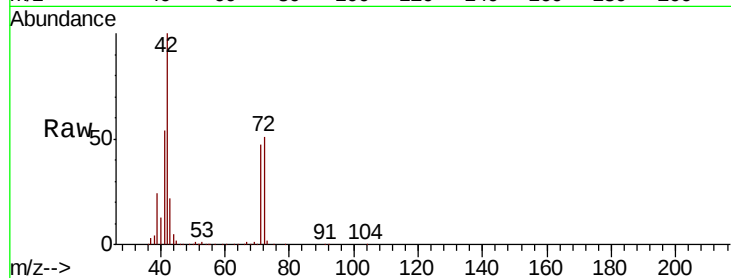
Tot Ion: 42 Resp: 134577

Ion Ratio Lower Upper

42 100

72 51.5 29.2 43.8#

71 47.9 27.6 41.4#



#30

Chloroform

Concen: 19.977 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010330.D

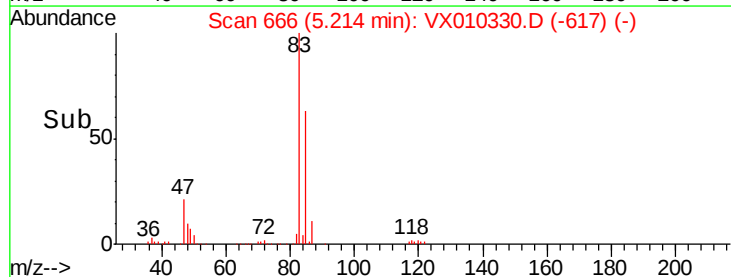
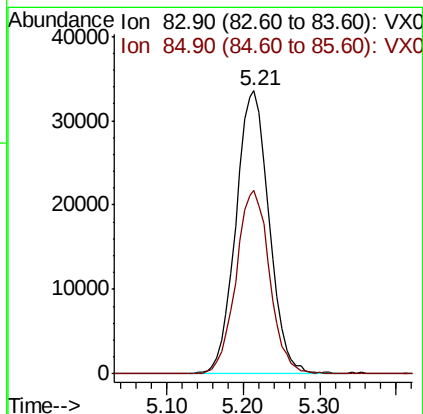
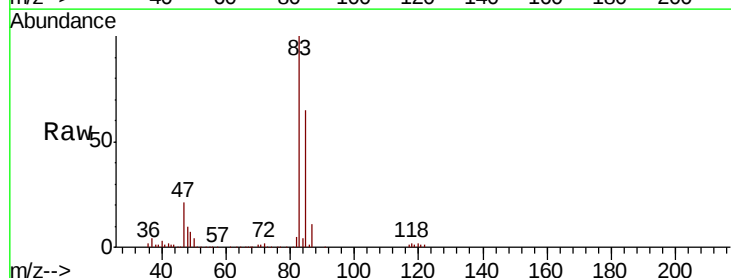
Acq: 17 Jun 2019 17:32

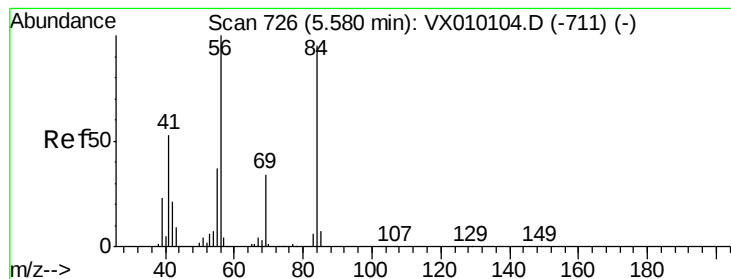
Tgt Ion: 83 Resp: 100983

Ion Ratio Lower Upper

83 100

85 65.0 52.6 78.8





#31

Cyclohexane

Concen: 18.624 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :

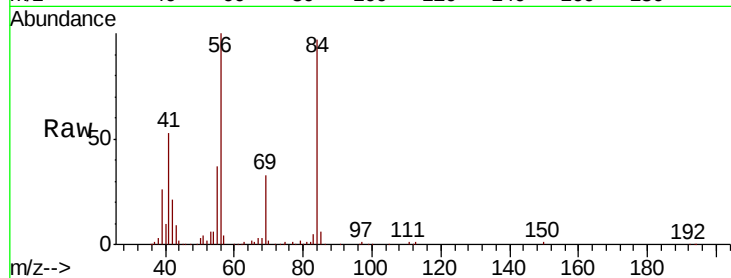
Tot Ion: 56 Resp: 81815

Ion Ratio Lower Upper

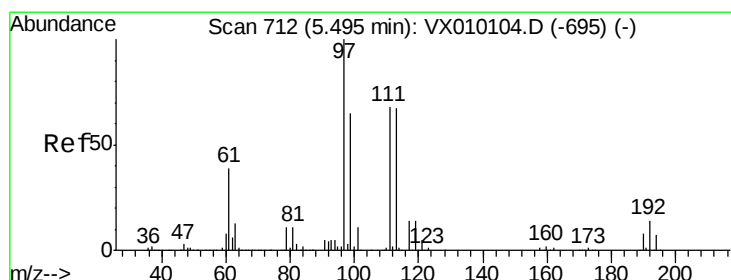
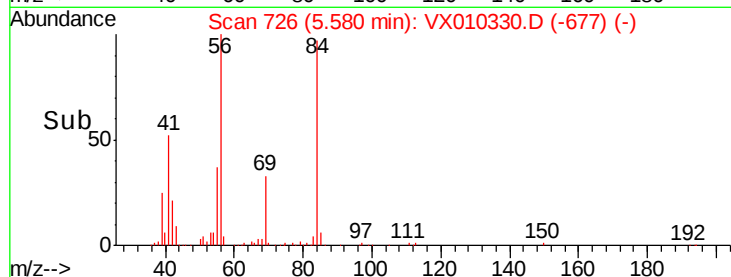
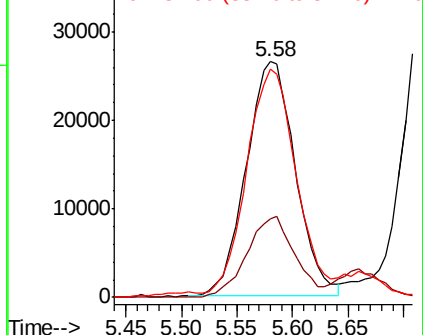
56 100

69 33.4 21.6 32.4#

84 95.3 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.257 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

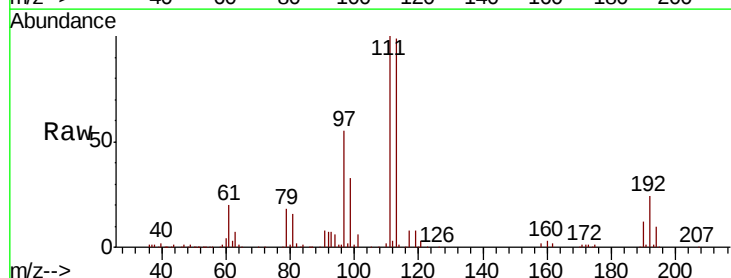
Tgt Ion: 97 Resp: 91516

Ion Ratio Lower Upper

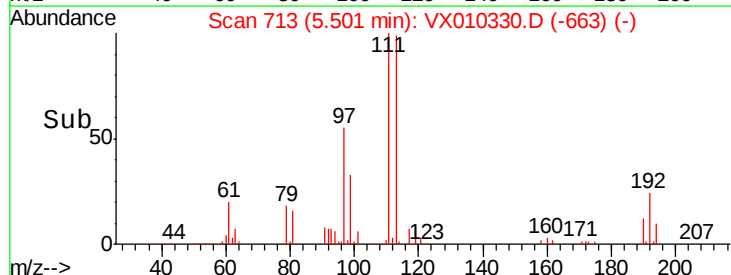
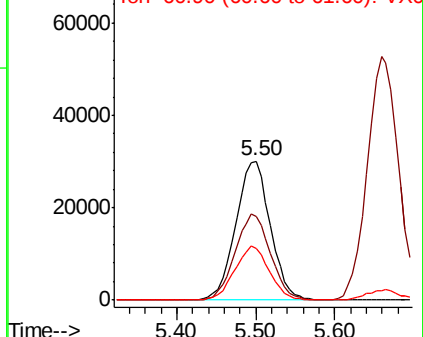
97 100

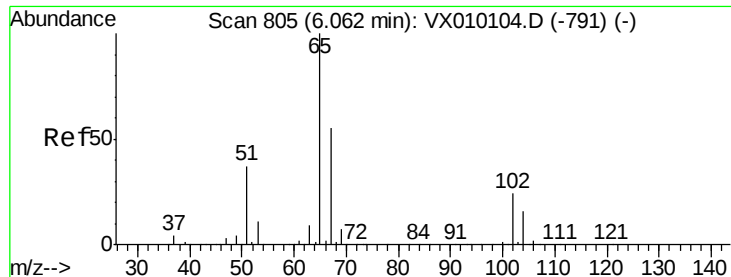
99 63.2 51.0 76.4

61 39.0 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.726 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

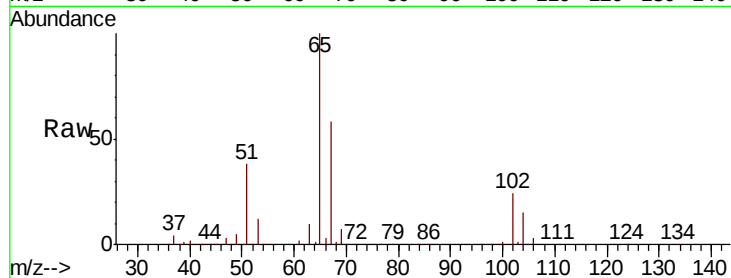
ClientSampleId :

Tot Ion: 65 Resp: 156147

Ion Ratio Lower Upper

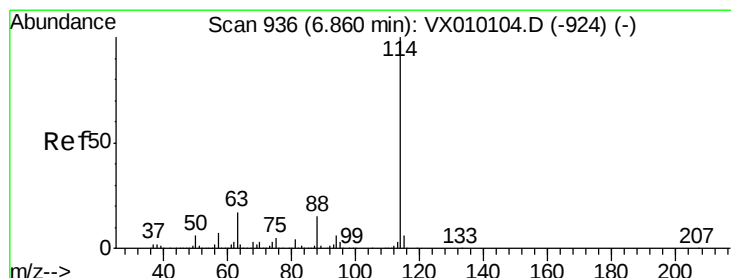
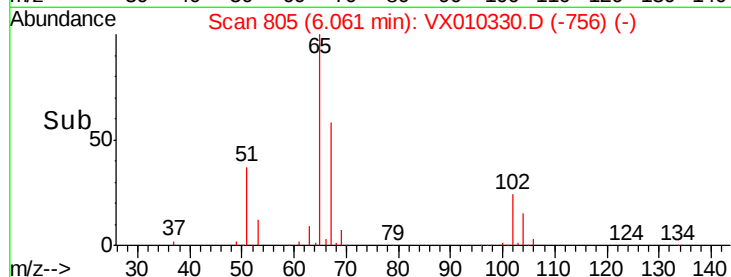
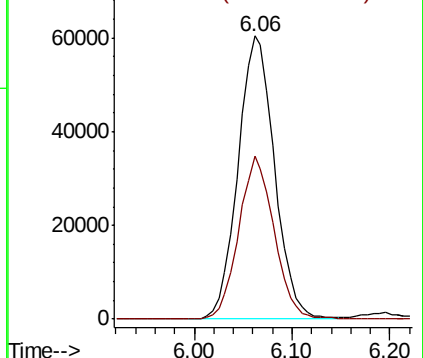
65 100

67 55.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

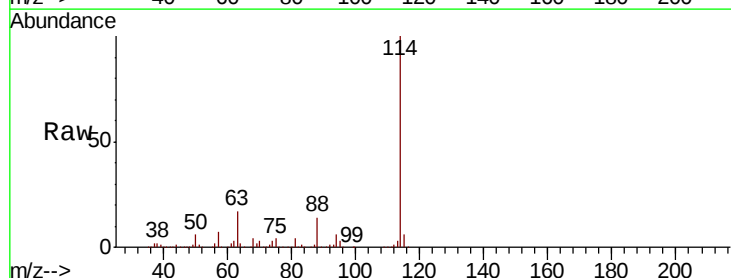
Tgt Ion: 114 Resp: 460078

Ion Ratio Lower Upper

114 100

63 16.6 0.0 47.4

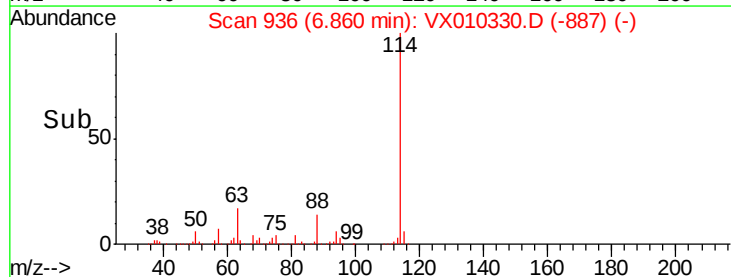
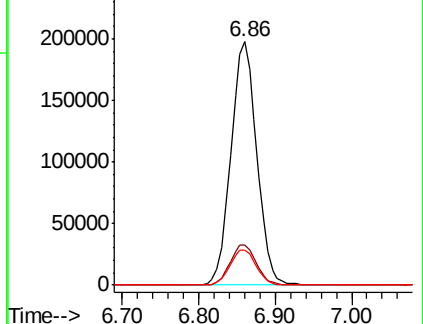
88 14.3 0.0 33.0

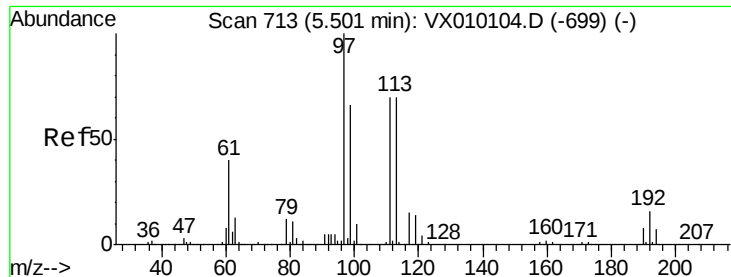


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.842 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

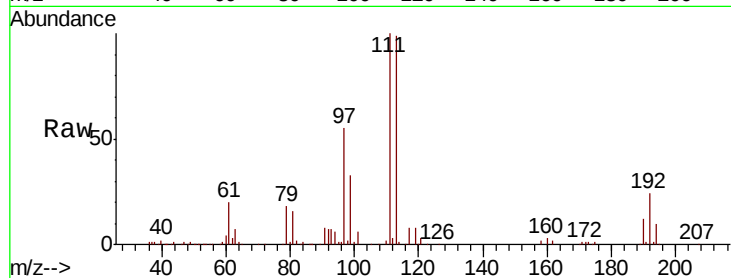
Tot Ion:113 Resp: 155634

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

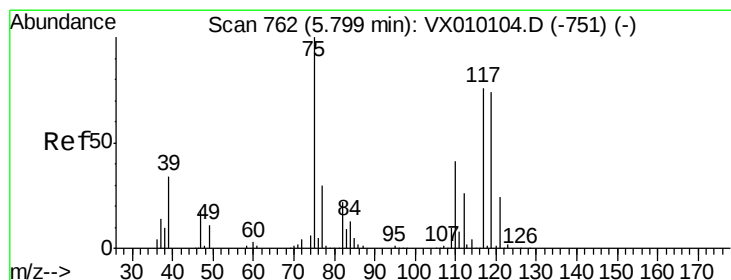
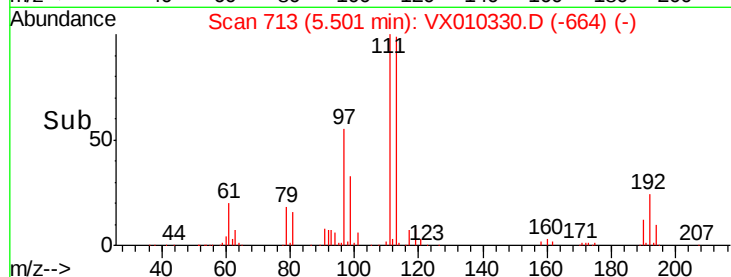
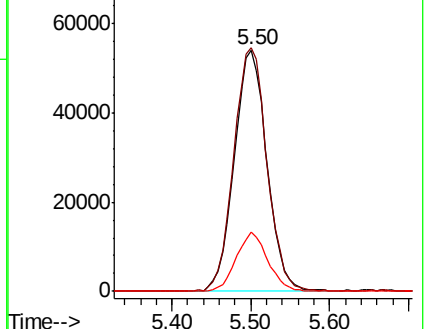
192 23.6 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.146 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

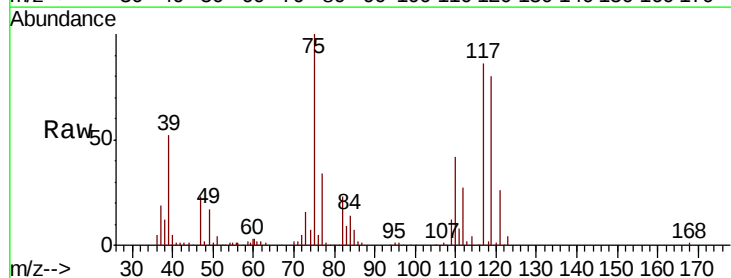
Tgt Ion: 75 Resp: 71867

Ion Ratio Lower Upper

75 100

110 41.7 16.7 50.1

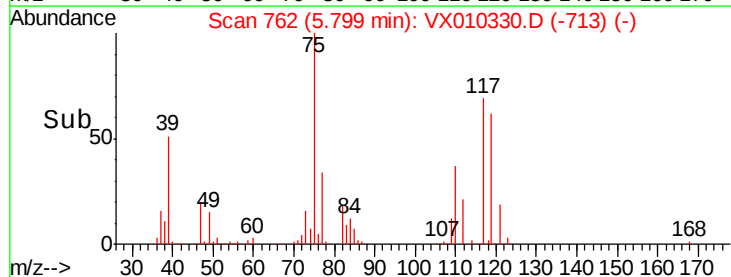
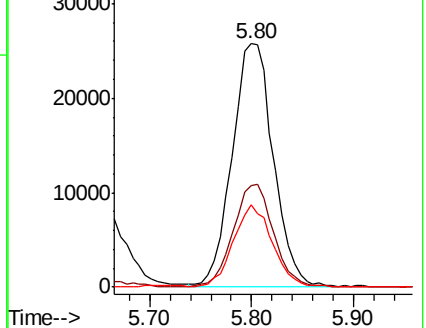
77 31.7 25.0 37.4

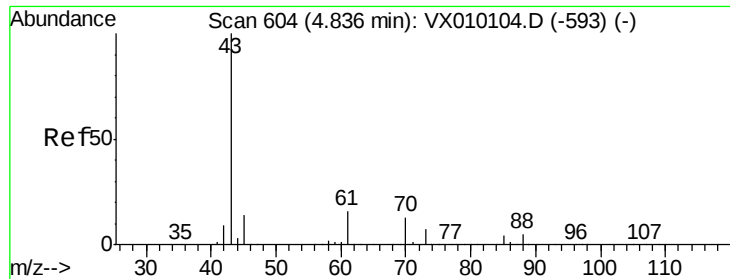


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.704 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampled :

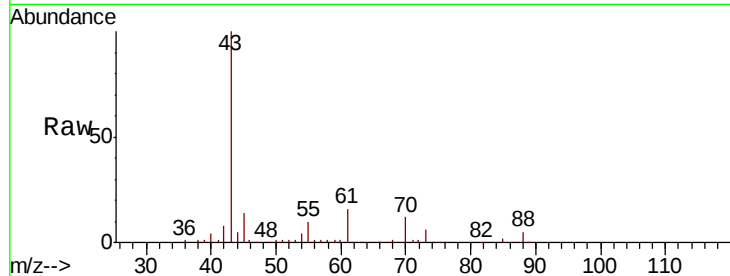
Tot Ion: 43 Resp: 76954

Ion Ratio Lower Upper

43 100

61 16.8 10.2 15.2#

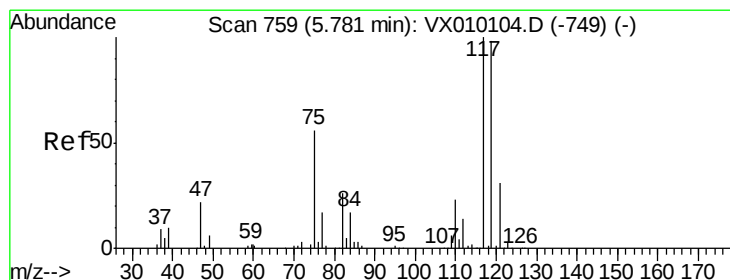
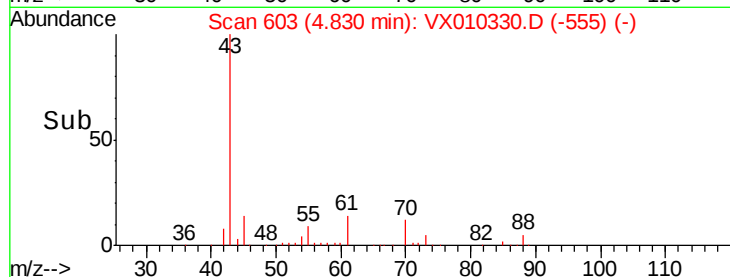
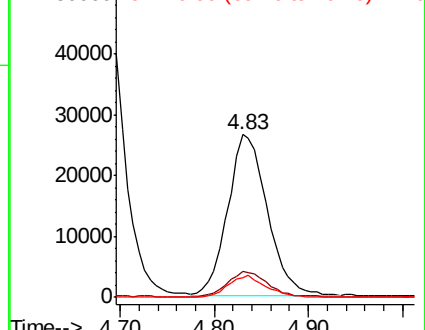
70 13.3 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.211 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

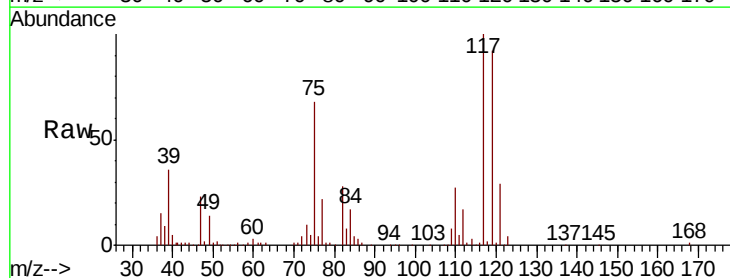
Tgt Ion: 117 Resp: 81617

Ion Ratio Lower Upper

117 100

119 91.7 77.3 115.9

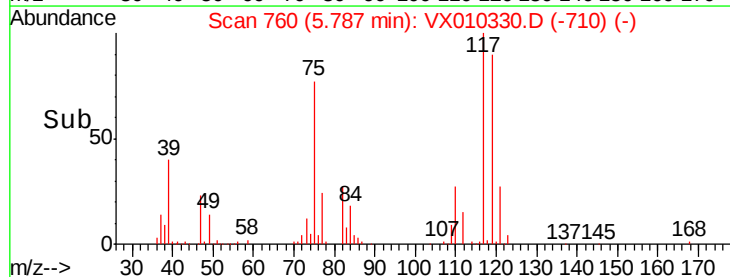
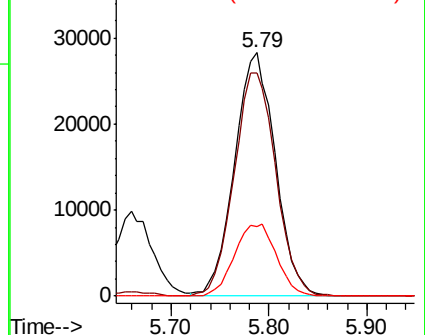
121 28.6 25.4 38.0

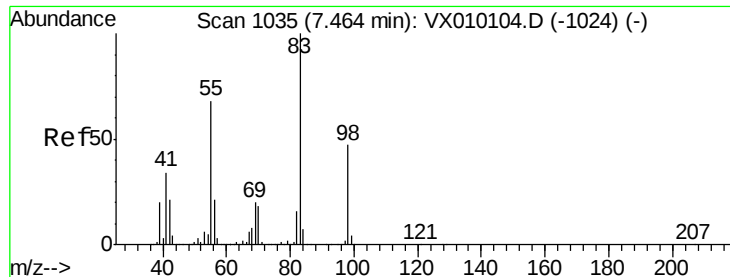


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

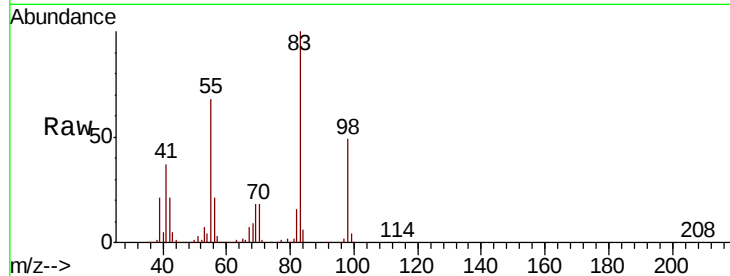




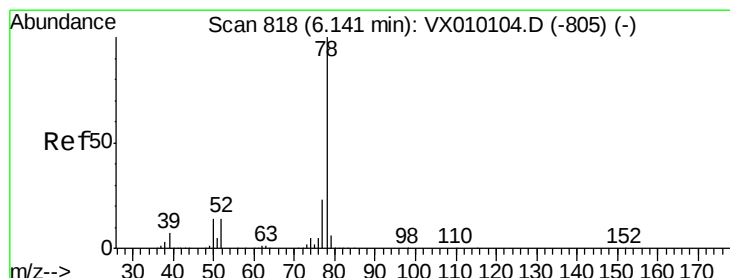
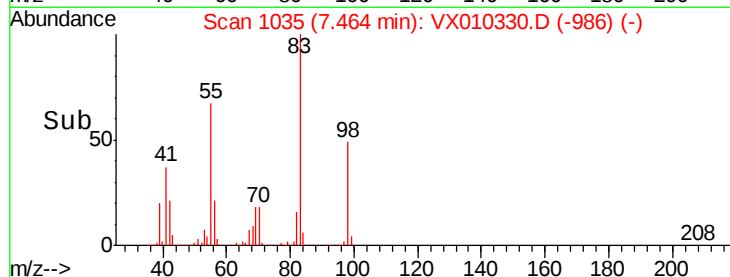
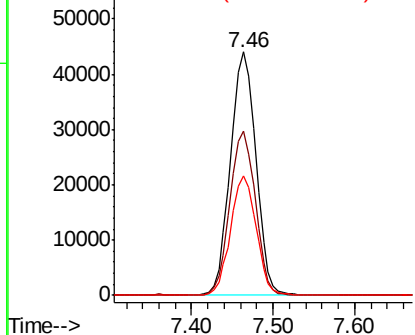
#39
Methvlcvclohexane
Concen: 18.589 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 95013
Ion Ratio Lower Upper
83 100
55 67.4 69.9 104.9#
98 49.1 35.1 52.7

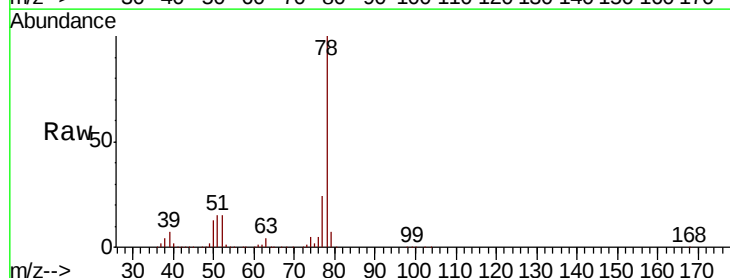


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

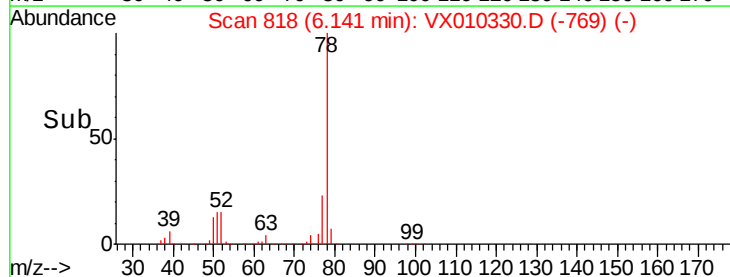
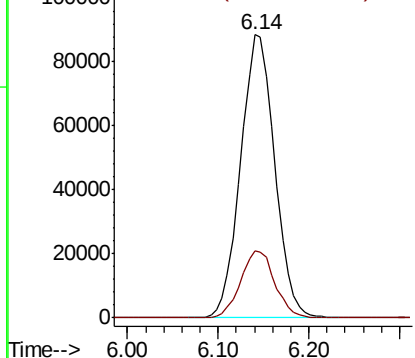


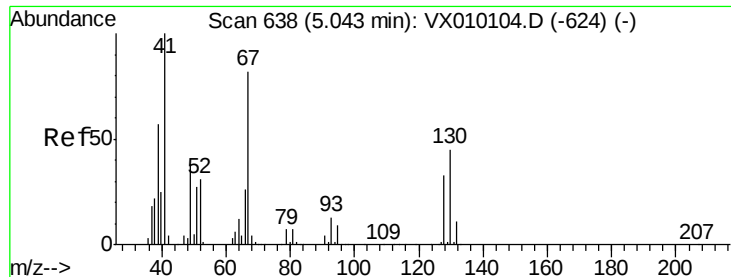
#40
Benzene
Concen: 19.917 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion: 78 Resp: 231173
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

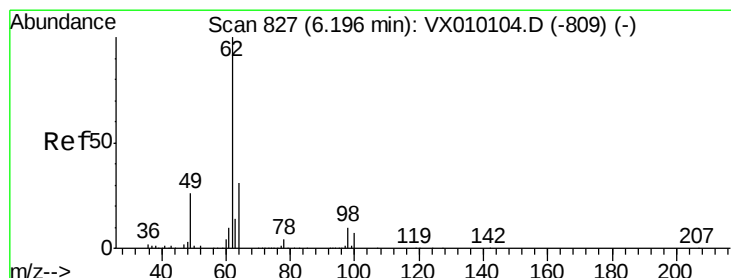
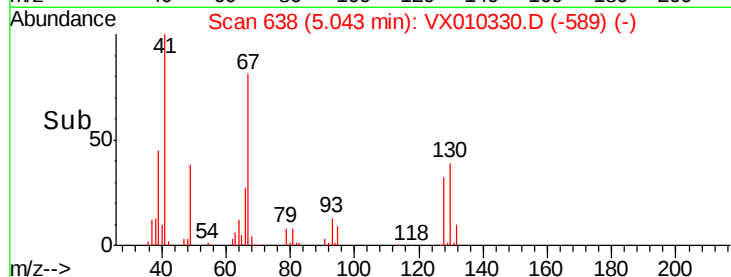
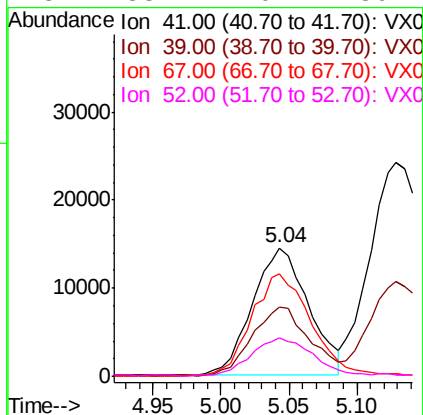
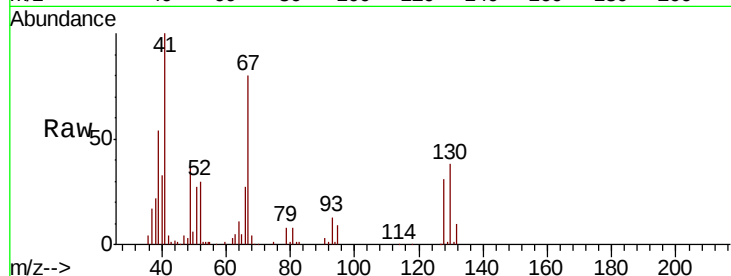




#41
Methacrylonitrile
Concen: 19.736 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

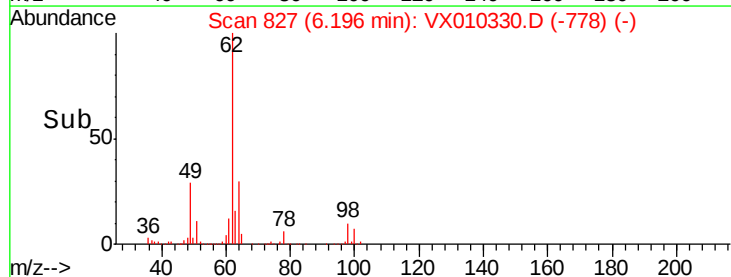
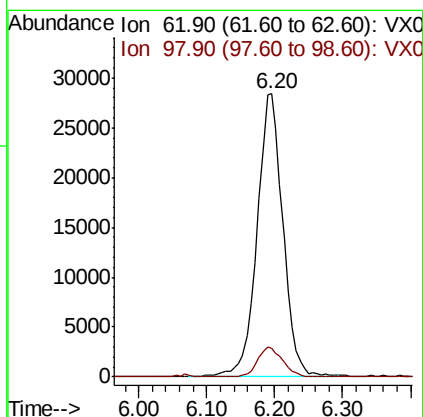
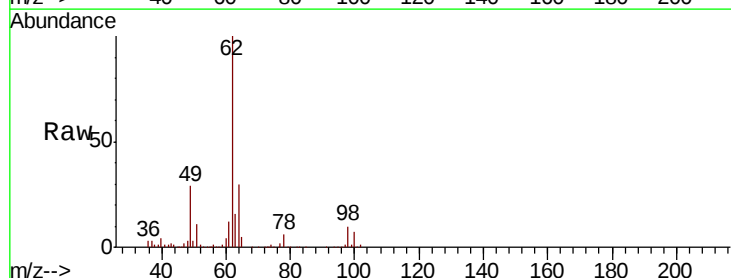
Instrument :
MSVOA_X
ClientSampleId :

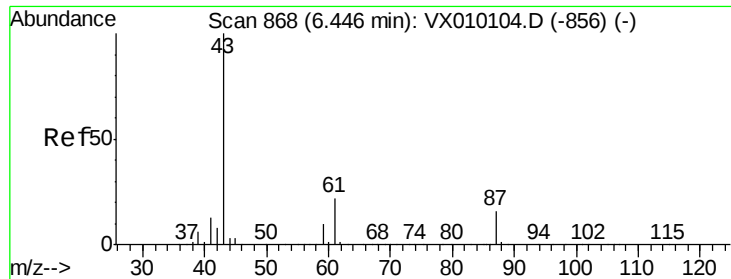
Tot Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.2	63.4
67	86.2	48.9	73.3
52	33.4	20.1	30.1



#42
1,2-Dichloroethane
Concen: 20.436 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.917 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

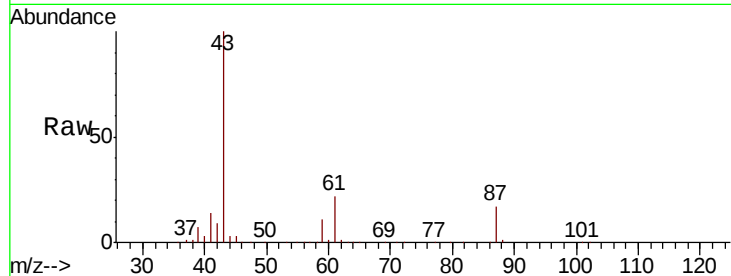
Tot Ion: 43 Resp: 130055

Ion Ratio Lower Upper

43 100

61 22.3 14.6 21.8#

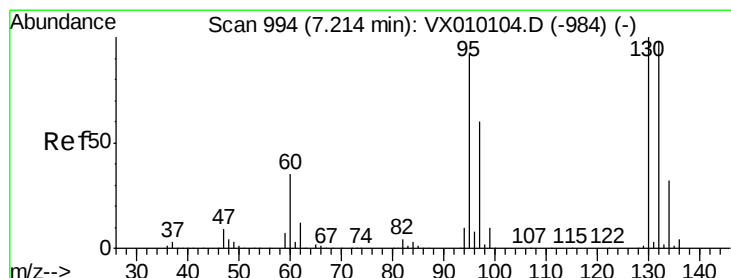
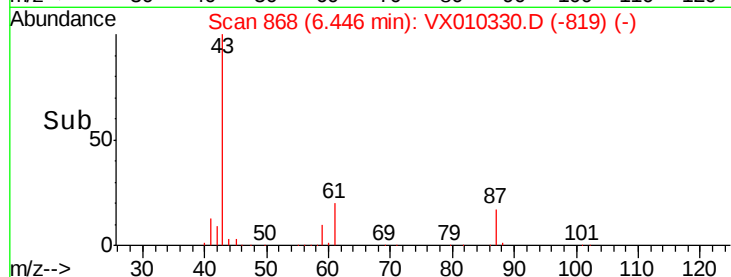
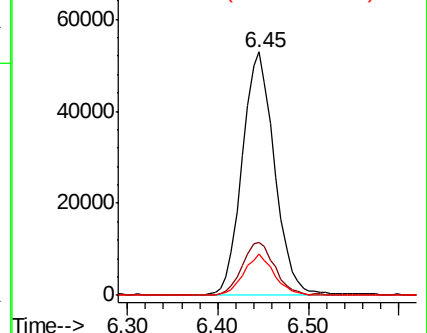
87 16.1 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.769 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010330.D

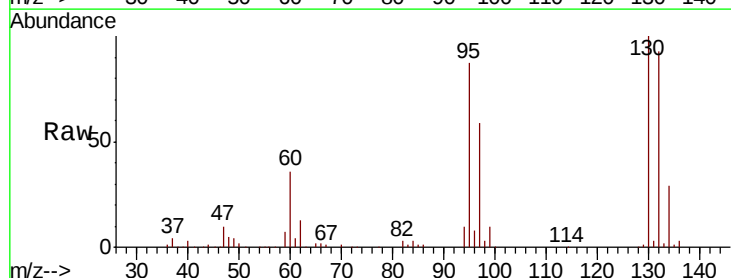
Acq: 17 Jun 2019 17:32

Tgt Ion:130 Resp: 69164

Ion Ratio Lower Upper

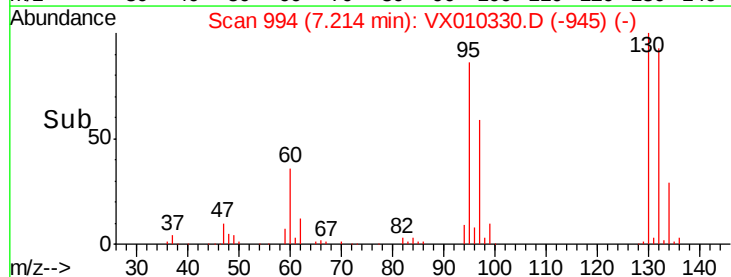
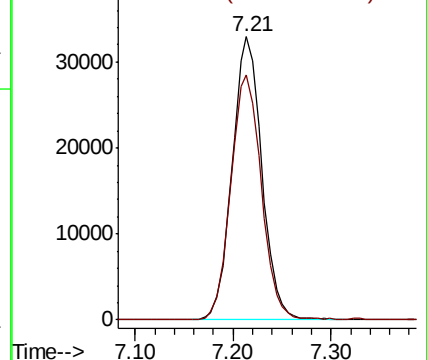
130 100

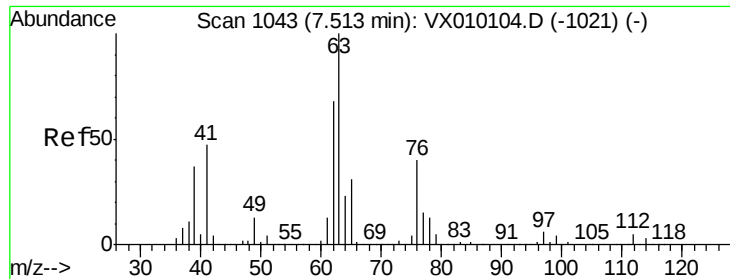
95 86.5 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.735 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

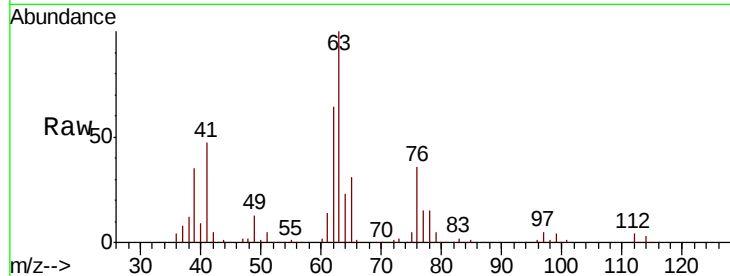
ClientSampleId :

Tot Ion: 63 Resp: 60235

Ion Ratio Lower Upper

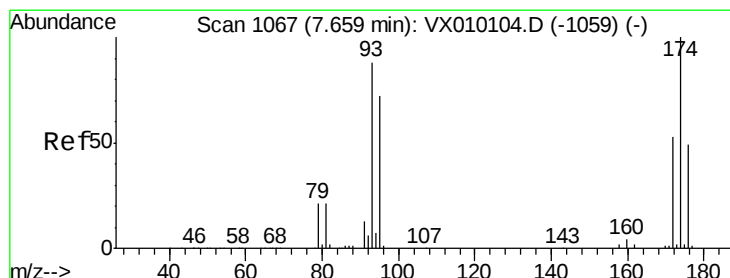
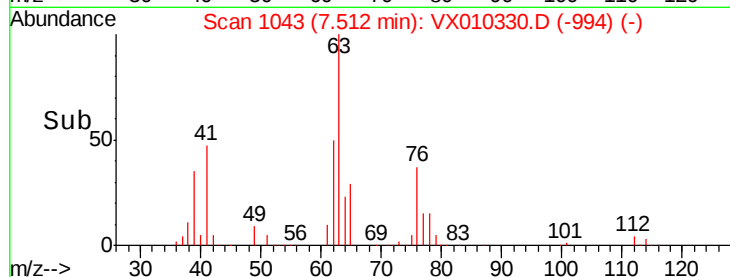
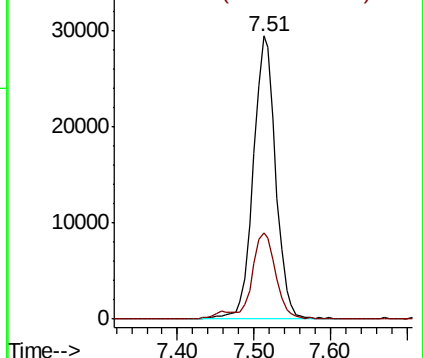
63 100

65 30.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.175 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

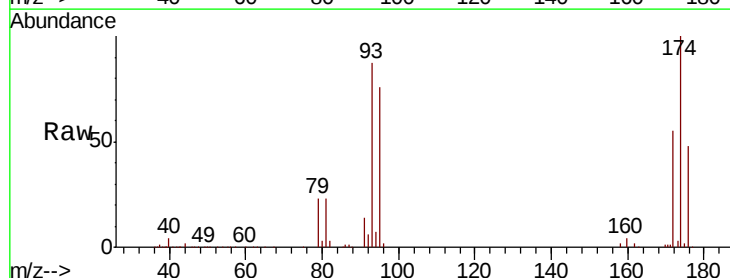
Tgt Ion: 93 Resp: 41733

Ion Ratio Lower Upper

93 100

95 85.7 66.8 100.2

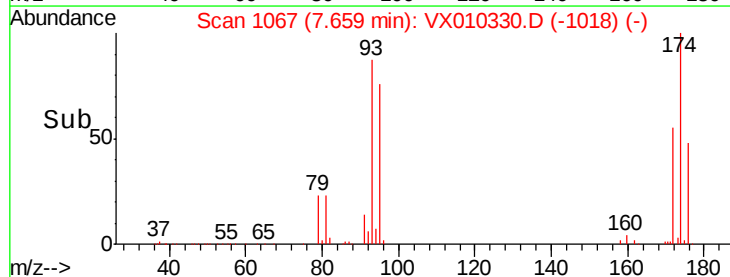
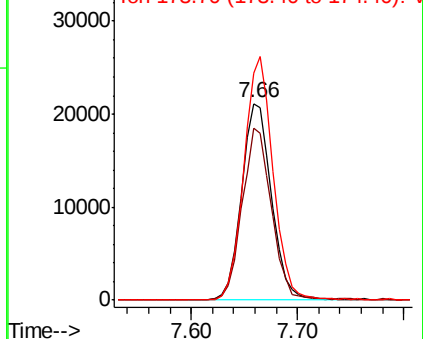
174 120.7 81.9 122.9

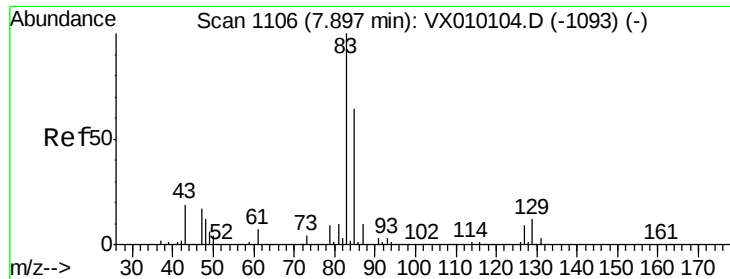


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.292 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampled :

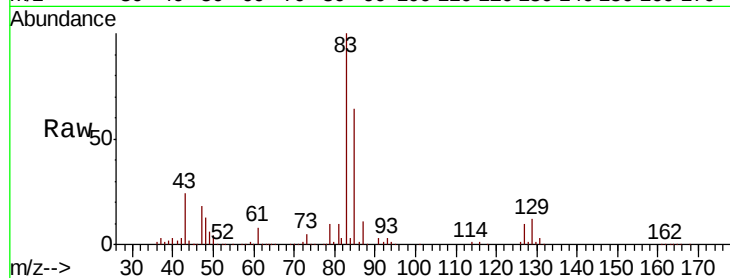
Tot Ion: 83 Resp: 78458

Ion Ratio Lower Upper

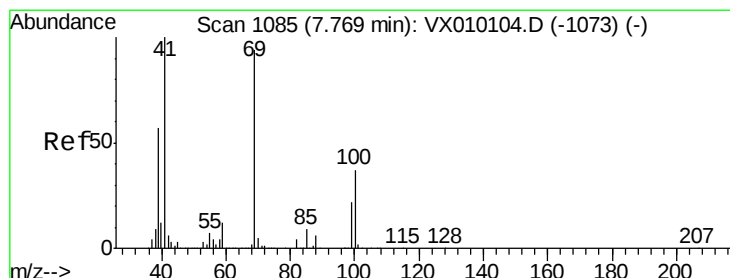
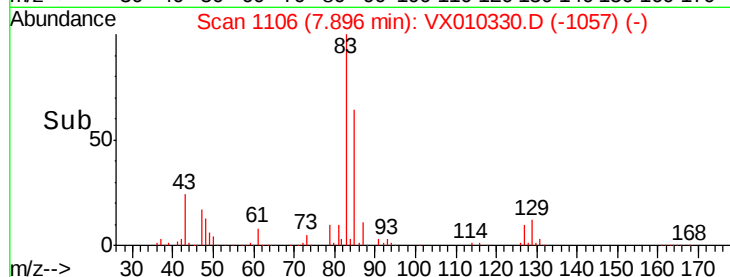
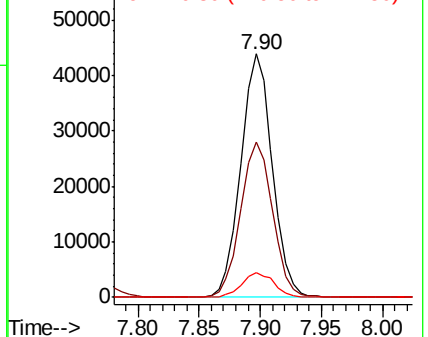
83 100

85 63.8 51.4 77.2

127 9.9 6.4 9.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.900 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

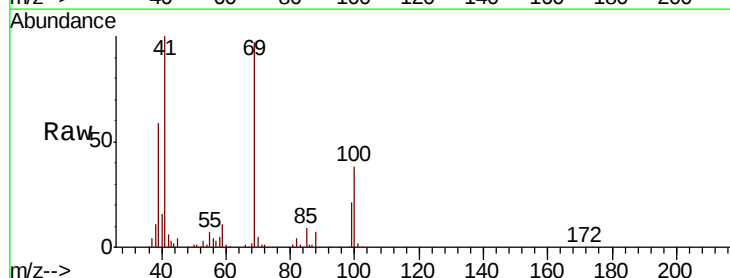
Tgt Ion: 41 Resp: 60770

Ion Ratio Lower Upper

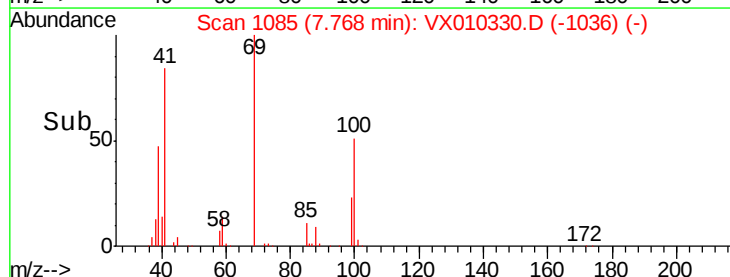
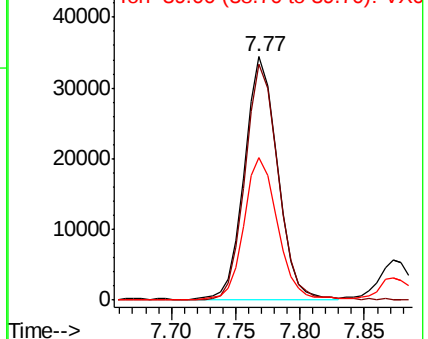
41 100

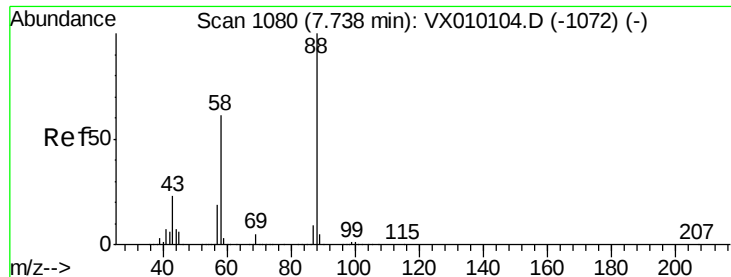
69 97.5 56.4 84.6#

39 59.1 40.6 60.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 415.501 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

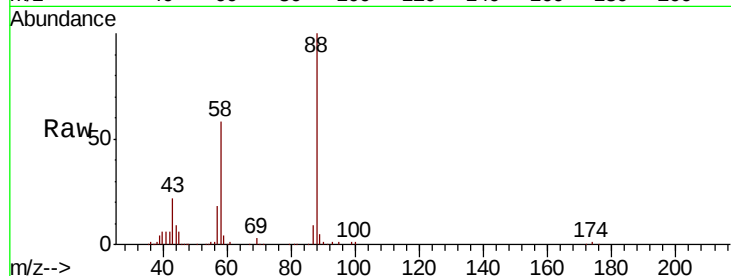
Tot Ion: 88 Resp: 36177

Ion Ratio Lower Upper

88 100

43 24.6 30.2 45.4#

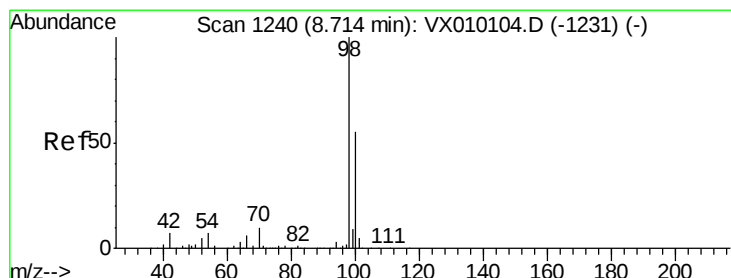
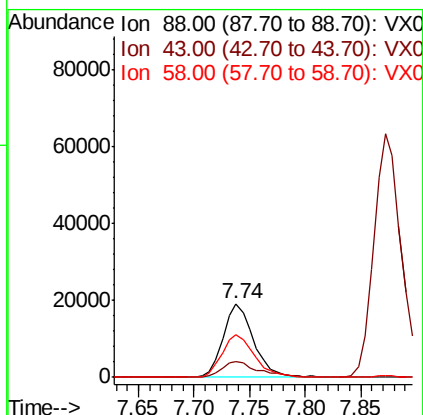
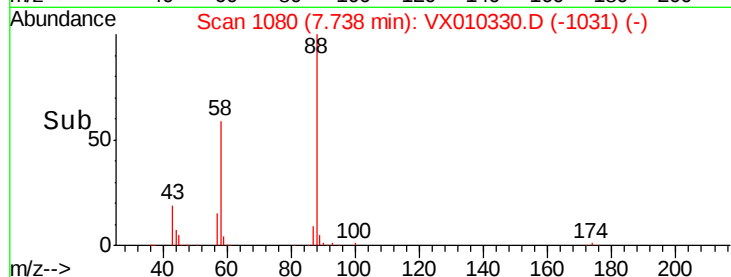
58 62.2 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 54.505 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010330.D

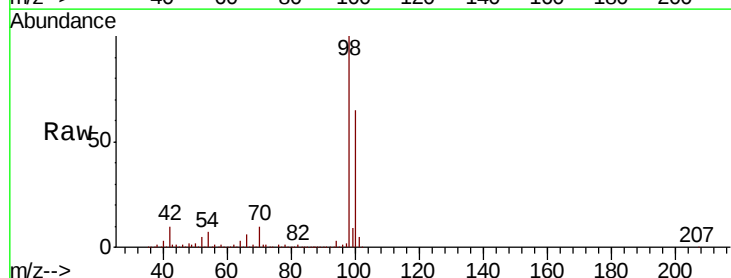
Acq: 17 Jun 2019 17:32

Tgt Ion: 98 Resp: 579705

Ion Ratio Lower Upper

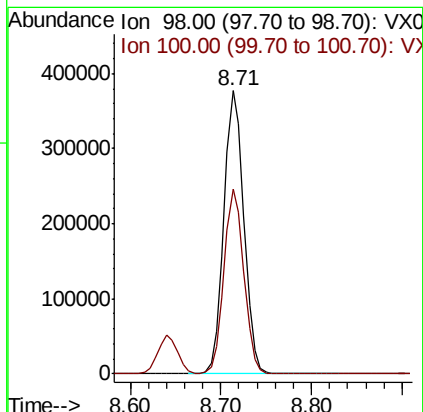
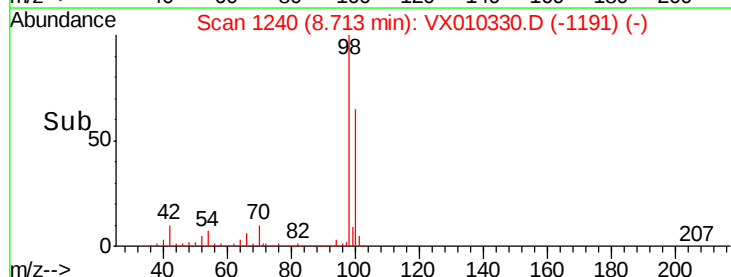
98 100

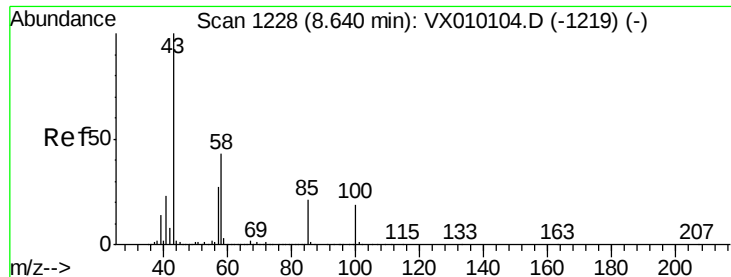
100 64.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

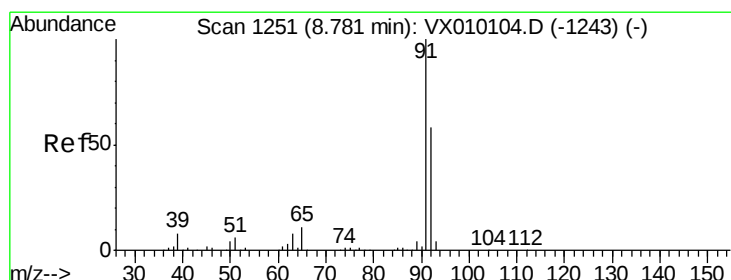
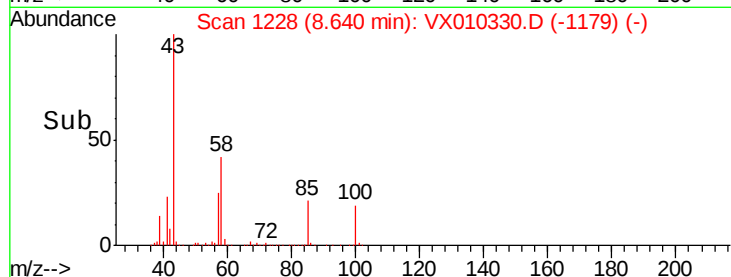
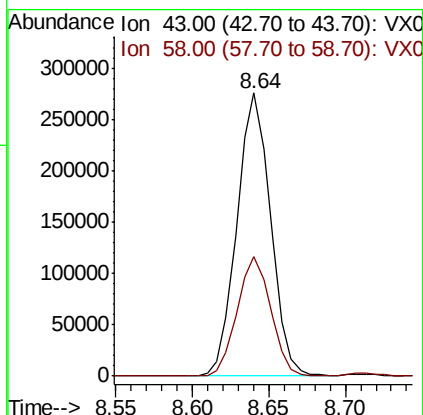
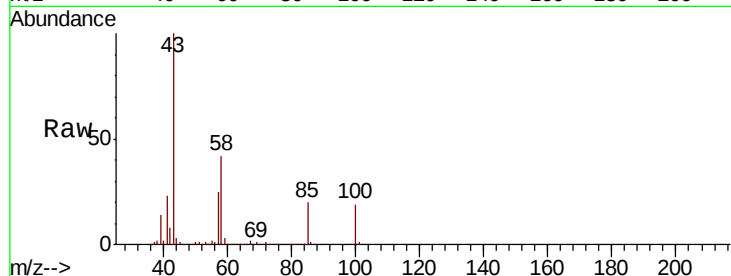




#51
 4-Methyl-2-Pentanone
 Concen: 108.006 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 17:32

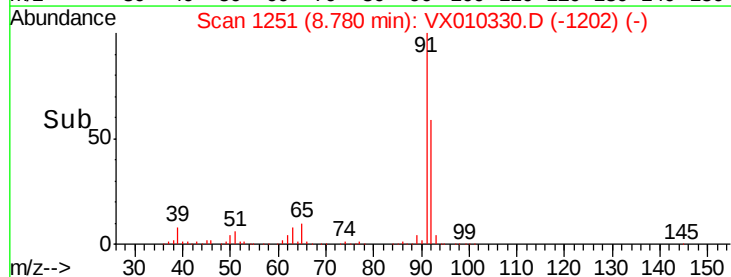
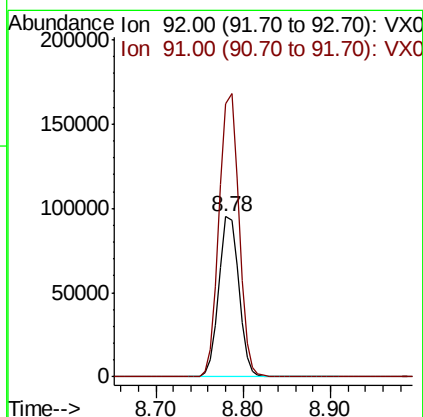
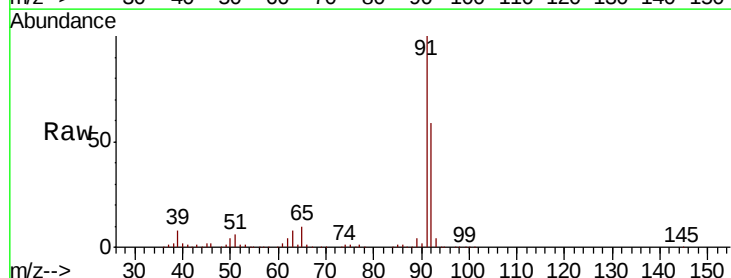
Instrument :
 MSVOA_X
 ClientSampleId :

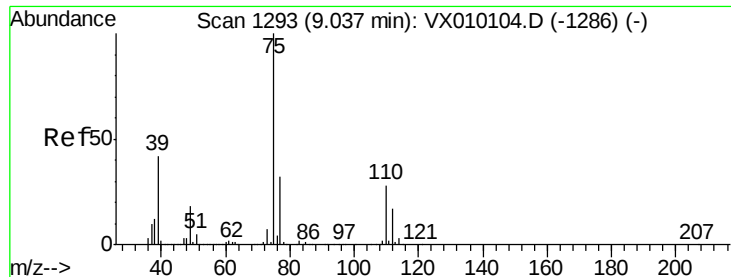
Tot Ion: 43 Resp: 421327
 Ion Ratio Lower Upper
 43 100
 58 42.2 28.8 43.2



#52
 Toluene
 Concen: 19.859 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 17:32

Tgt Ion: 92 Resp: 151516
 Ion Ratio Lower Upper
 92 100
 91 175.2 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 18.364 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

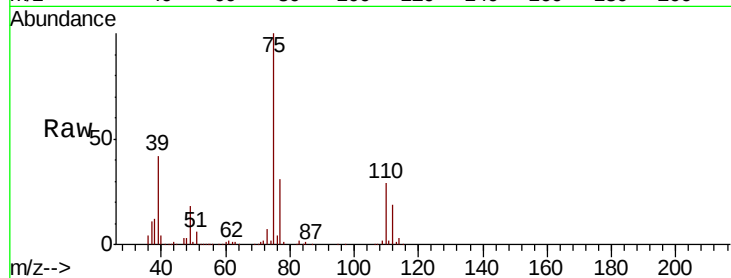
ClientSampleId :

Tot Ion: 75 Resp: 86382

Ion Ratio Lower Upper

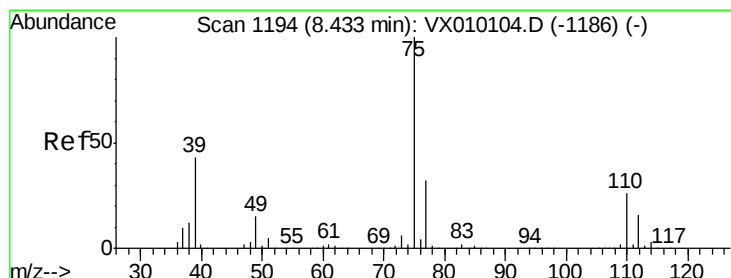
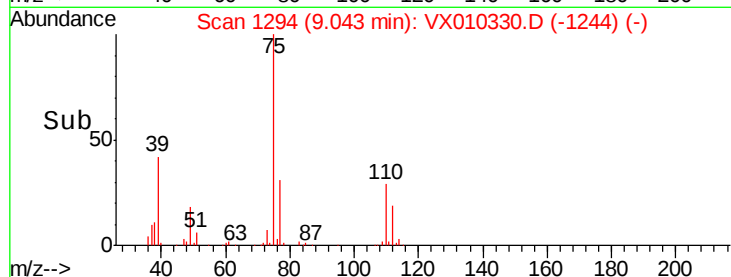
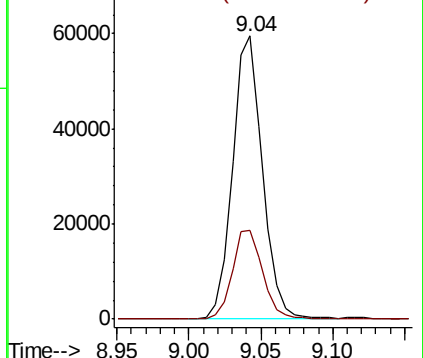
75 100

77 31.3 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.887 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

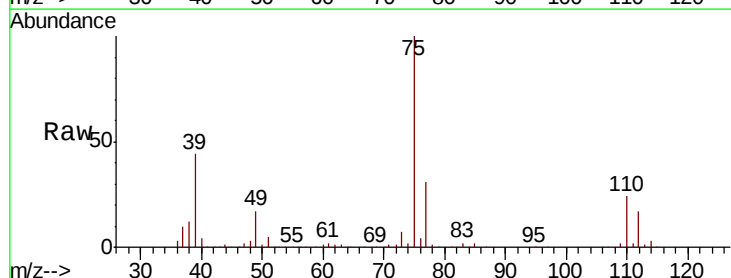
Tgt Ion: 75 Resp: 95247

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

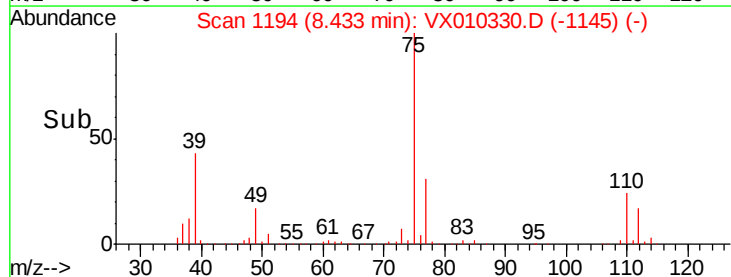
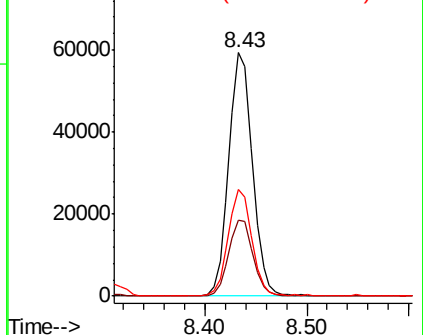
39 43.3 43.4 65.0#

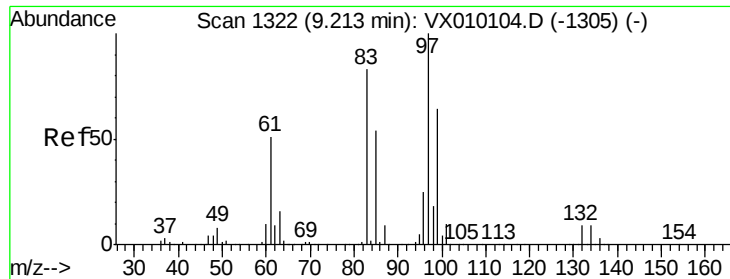


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 21.166 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 66135

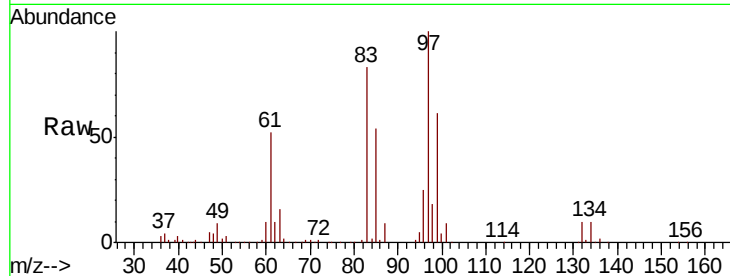
Ion Ratio Lower Upper

97 100

83 83.2 69.8 104.8

85 53.9 45.3 67.9

99 60.6 49.0 73.4

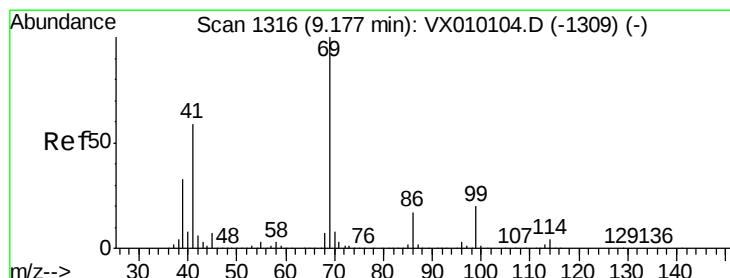
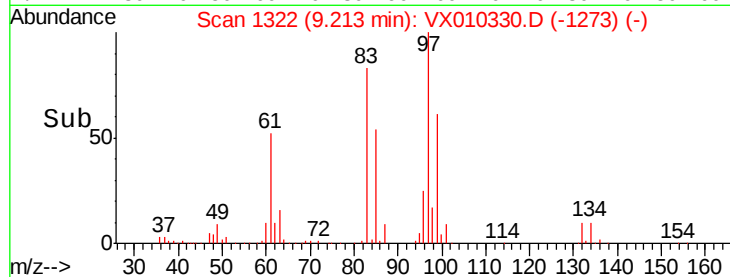
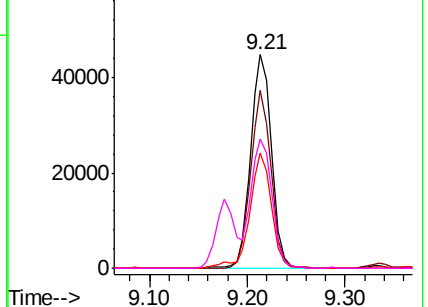


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.080 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

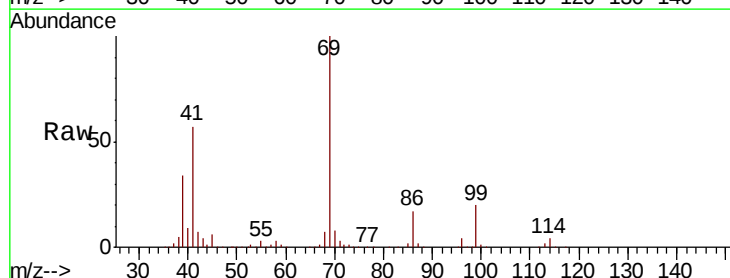
Tgt Ion: 69 Resp: 99111

Ion Ratio Lower Upper

69 100

41 57.6 62.7 94.1#

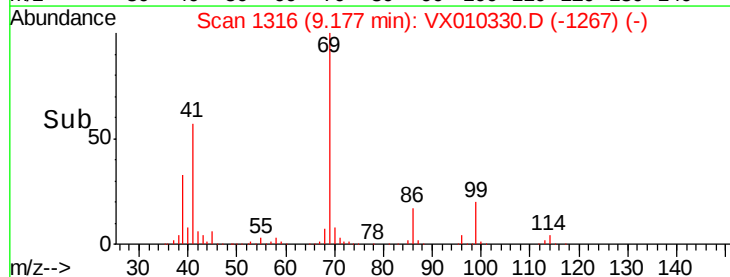
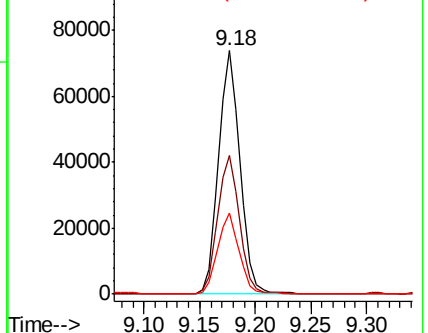
39 32.9 29.5 44.3

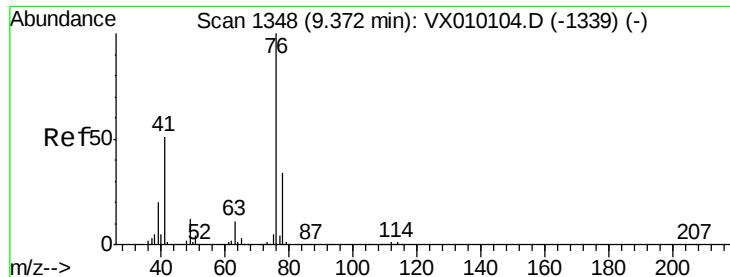


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

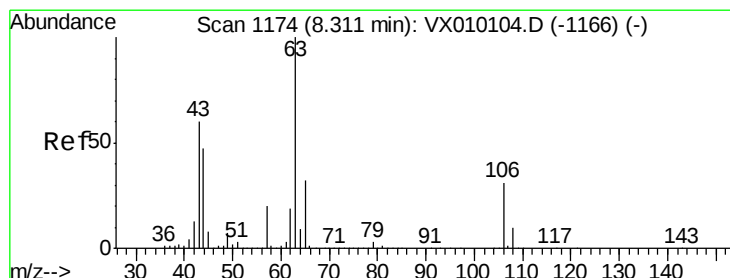
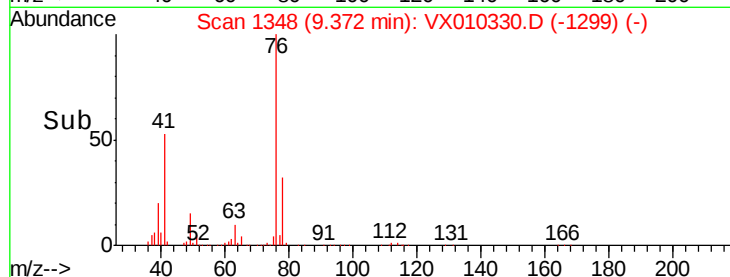
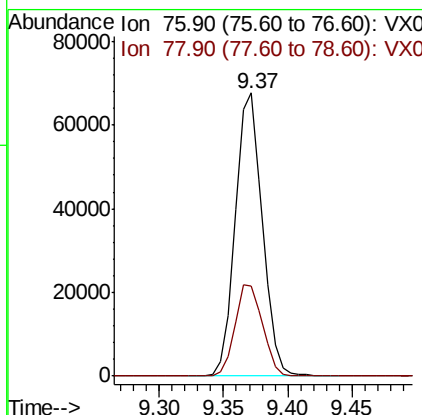
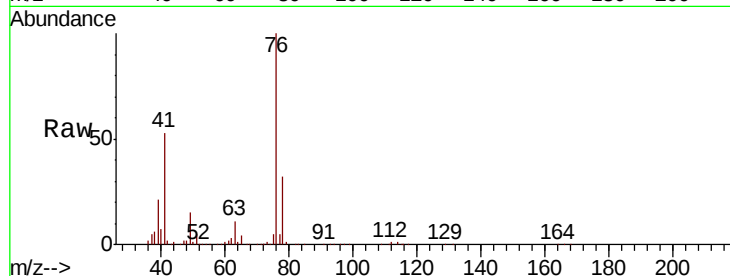




#57
 1,3-Dichloropropane
 Concen: 20.065 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 17:32

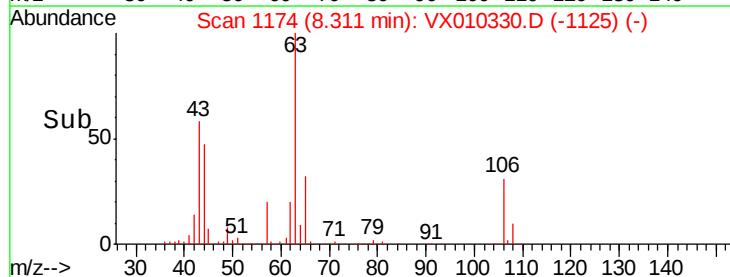
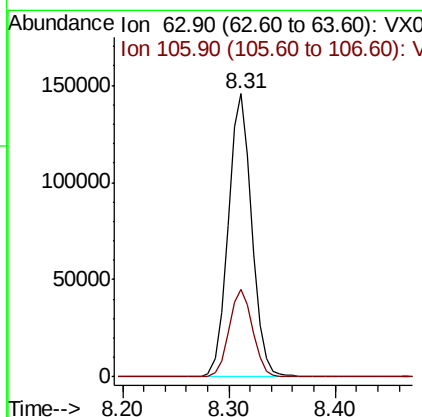
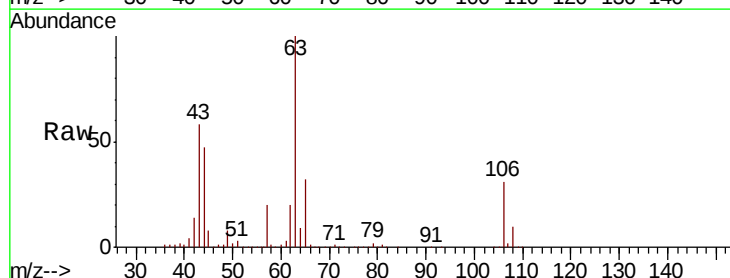
Instrument :
 MSVOA_X
 ClientSampleId :

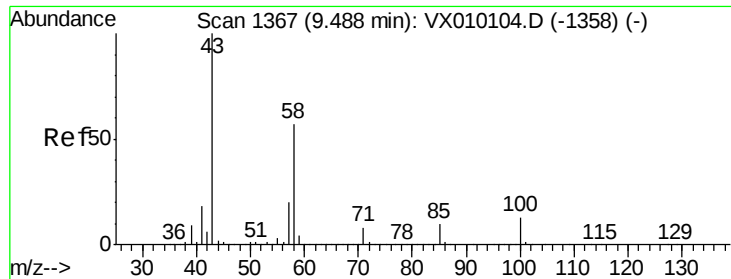
Tot Ion: 76 Resp: 98705
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.736 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 17:32

Tgt Ion: 63 Resp: 225092
 Ion Ratio Lower Upper
 63 100
 106 31.1 19.4 29.2#

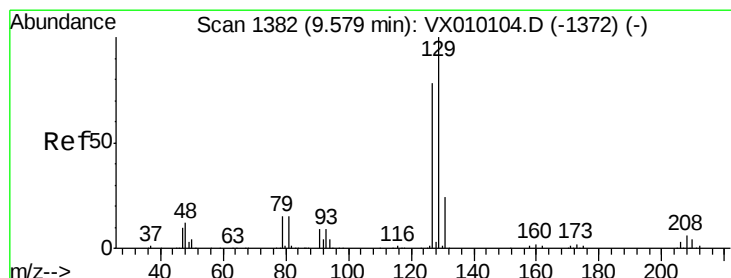
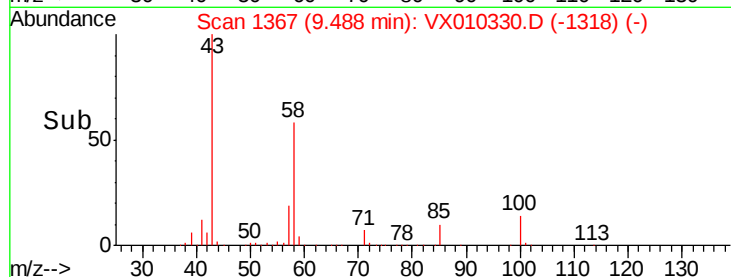
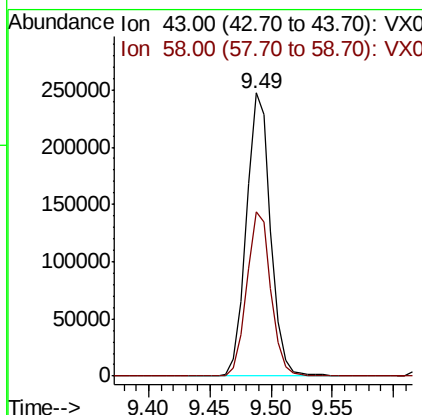
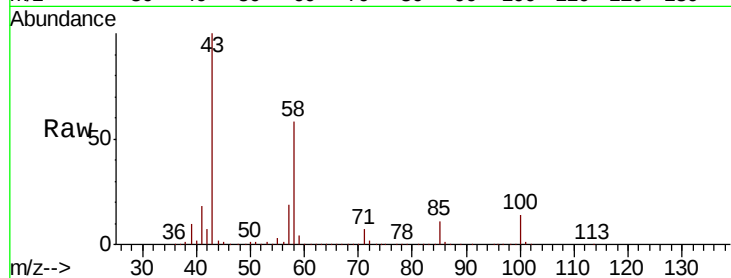




#59
 2-Hexanone
 Concen: 108.699 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 17:32

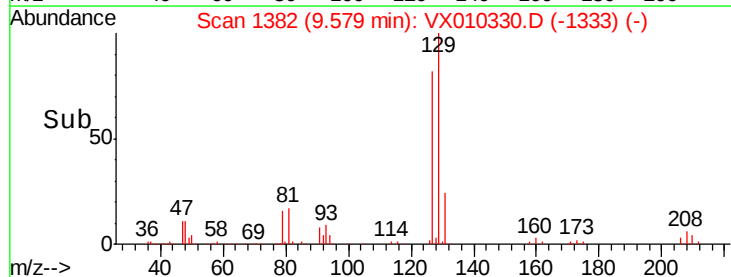
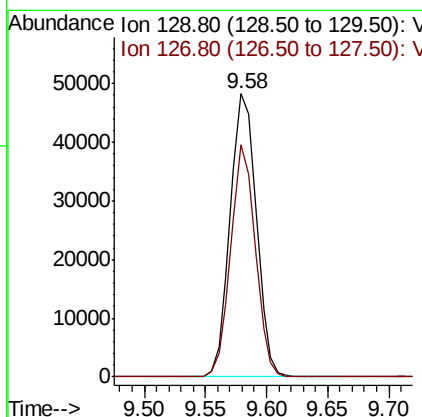
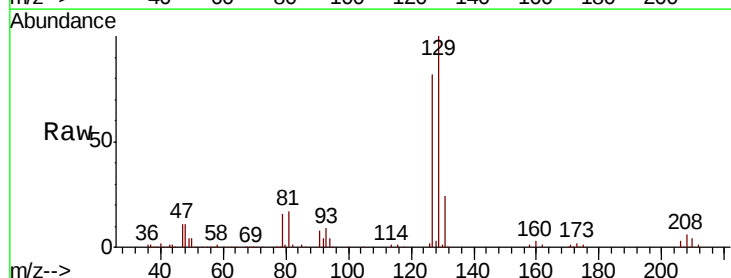
Instrument :
 MSVOA_X
 ClientSampled :

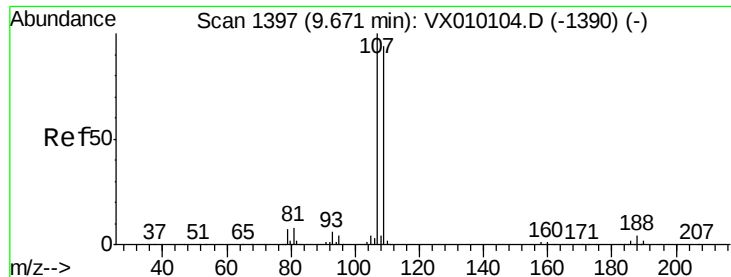
Tot Ion: 43 Resp: 338084
 Ion Ratio Lower Upper
 43 100
 58 58.4 25.1 75.3



#60
 Dibromochloromethane
 Concen: 19.375 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 17:32

Tgt Ion:129 Resp: 71610
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.706 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

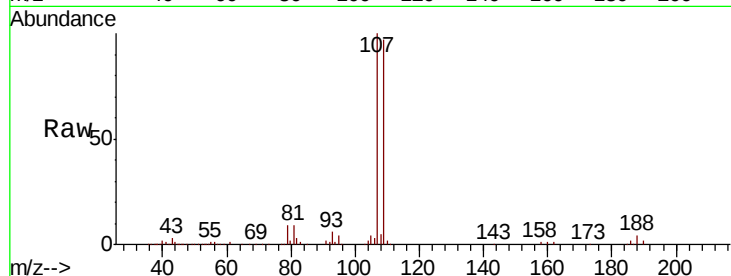
ClientSampled :

Tot Ion:107 Resp: 68577

Ion Ratio Lower Upper

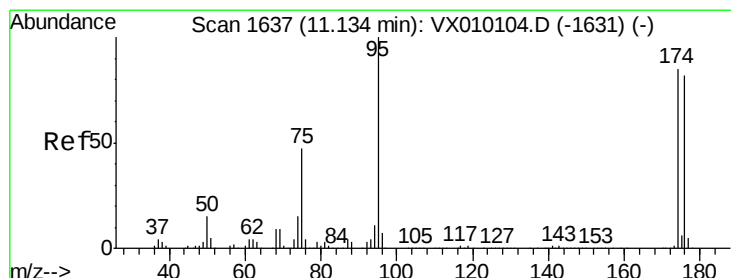
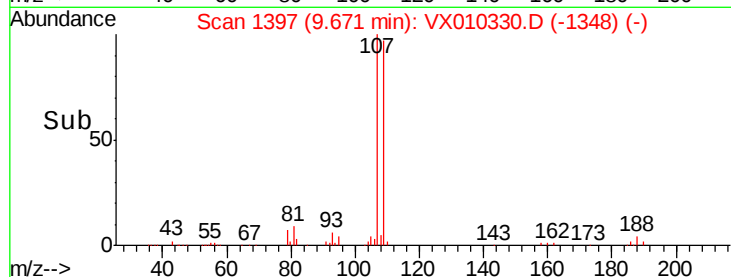
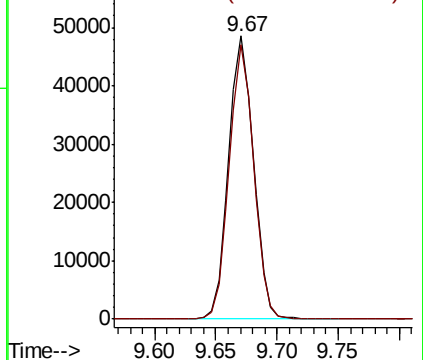
107 100

109 95.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.686 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

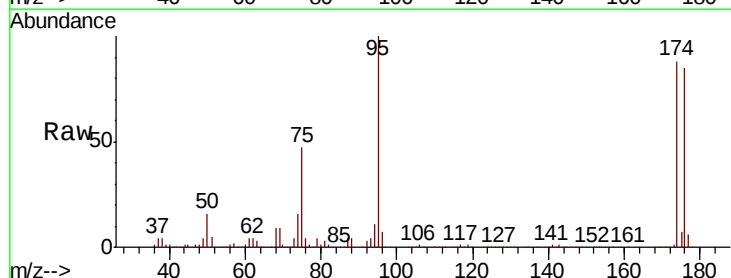
Tgt Ion: 95 Resp: 213243

Ion Ratio Lower Upper

95 100

174 92.9 0.0 160.4

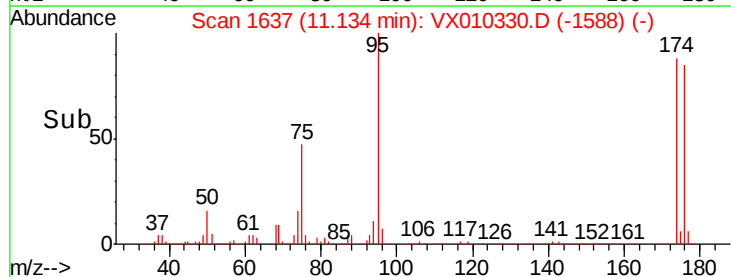
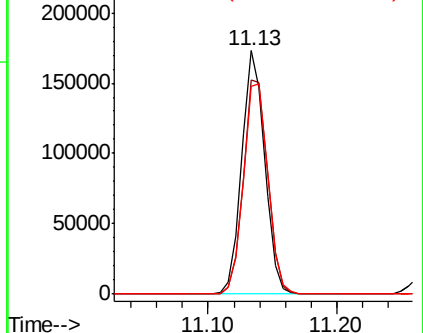
176 91.2 0.0 154.6

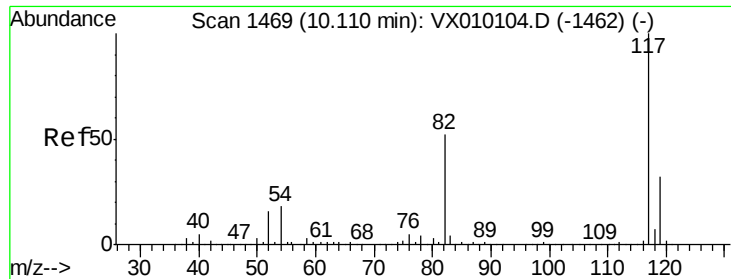


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

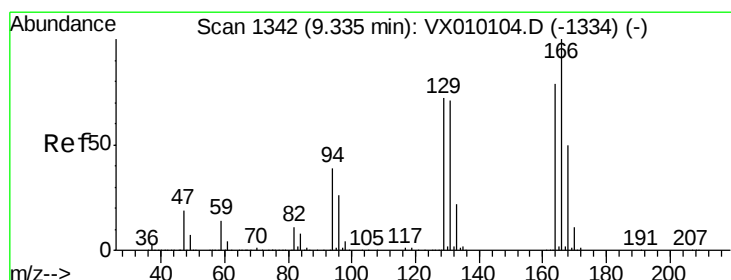
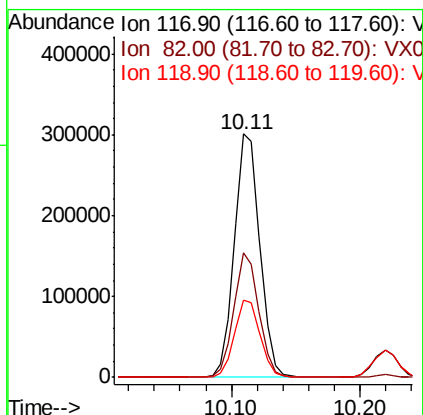
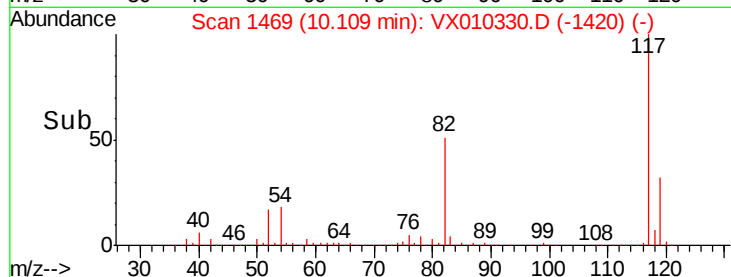
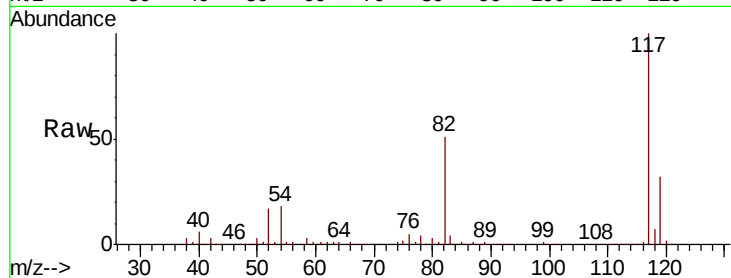




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

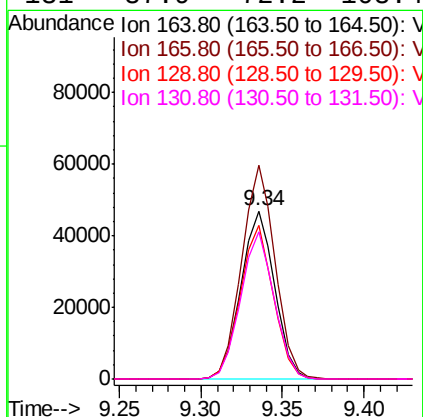
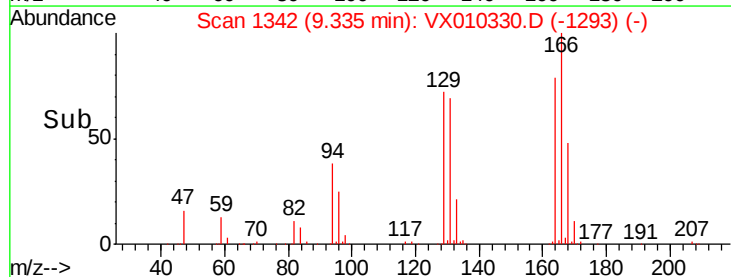
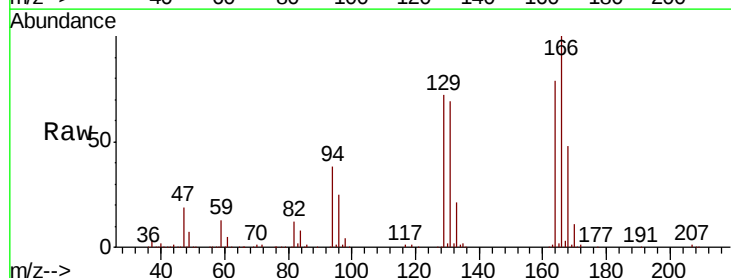
Instrument :
MSVOA_X
ClientSampleId :

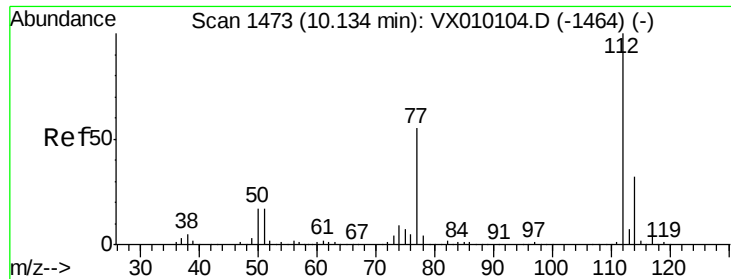
Tot Ion:117 Resp: 415983
Ion Ratio Lower Upper
117 100
82 51.3 49.2 73.8
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 21.882 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion:164 Resp: 67607
Ion Ratio Lower Upper
164 100
166 127.1 105.0 157.4
129 91.7 75.1 112.7
131 87.9 72.2 108.4

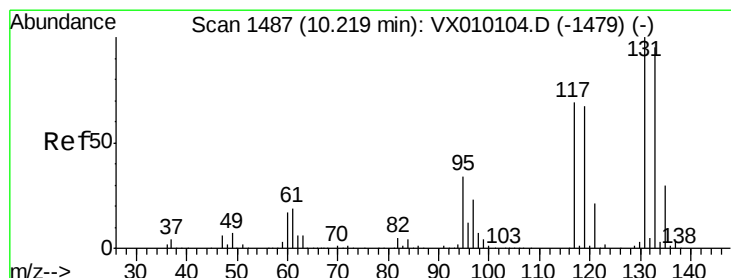
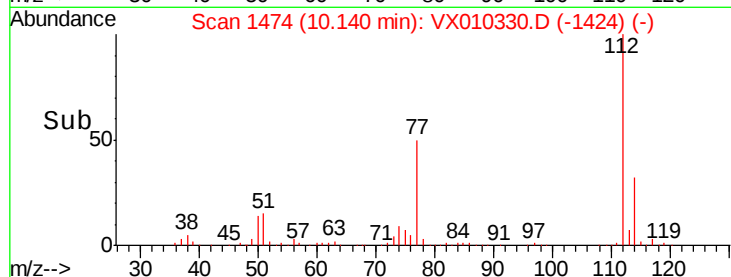
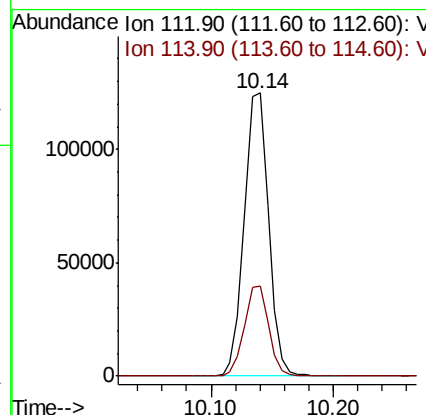
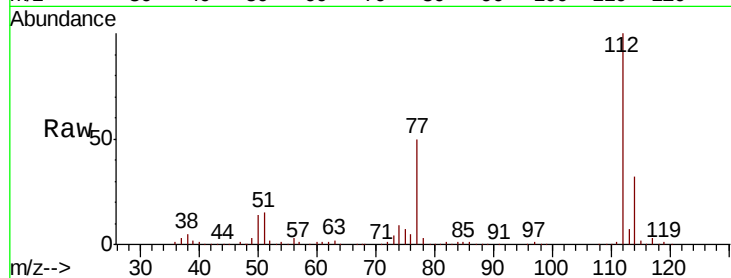




#65
Chlorobenzene
Concen: 20.092 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

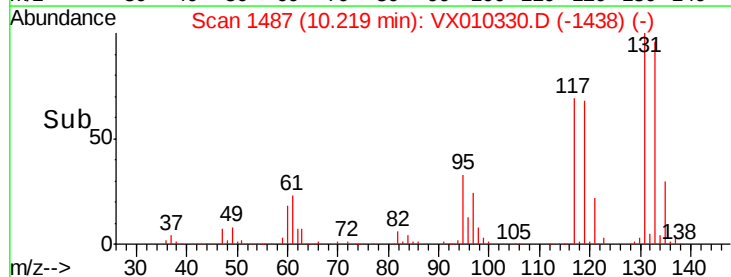
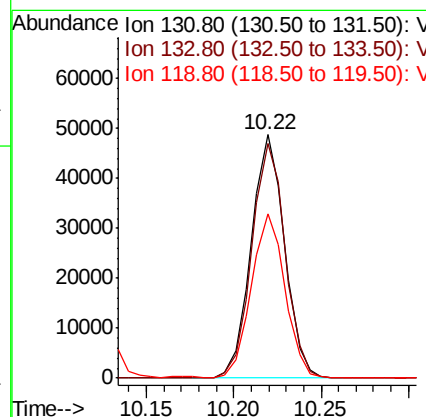
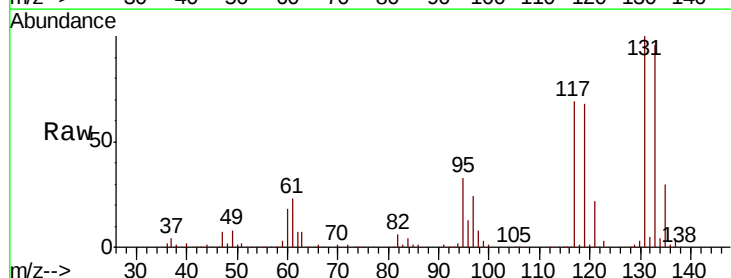
Instrument :
MSVOA_X
ClientSampled :

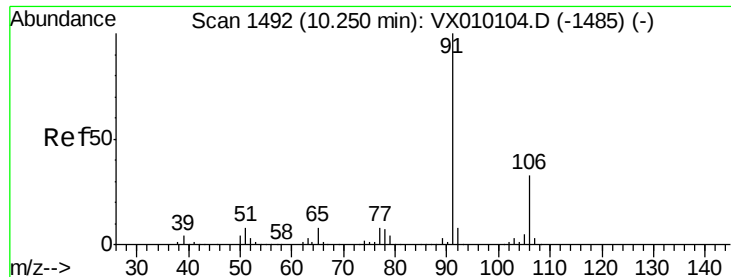
Tot Ion:112 Resp: 172500
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.550 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion:131 Resp: 64548
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.6
119 68.5 33.4 100.1

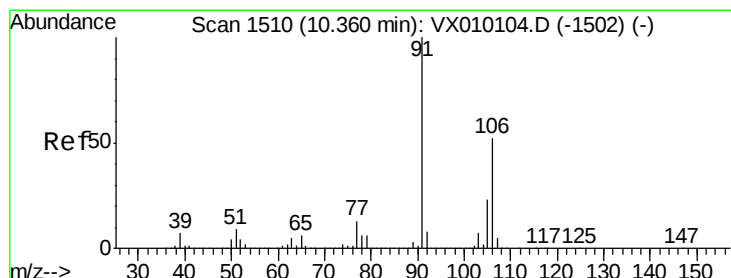
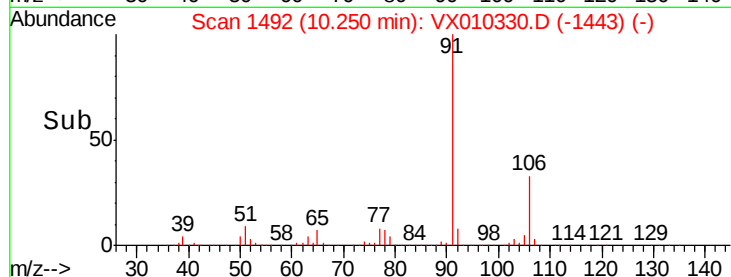
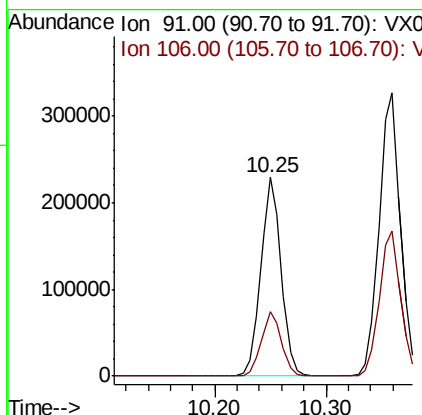
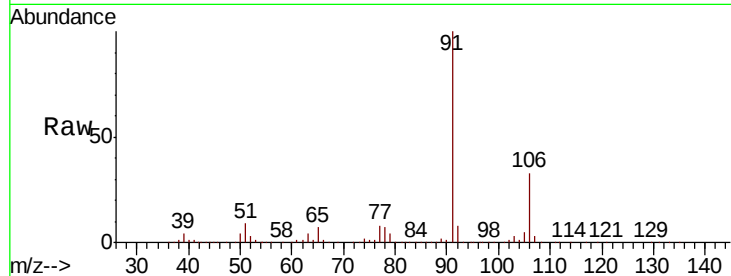




#67
Ethyl Benzene
Concen: 20.126 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

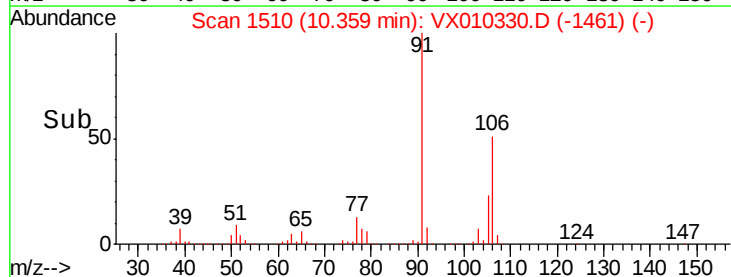
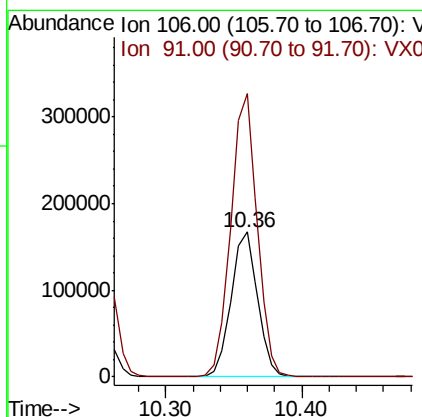
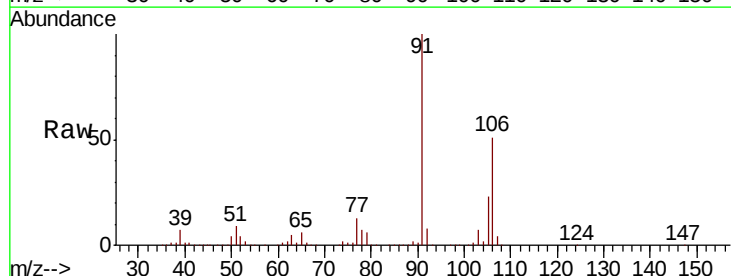
Instrument :
MSVOA_X
ClientSampled :

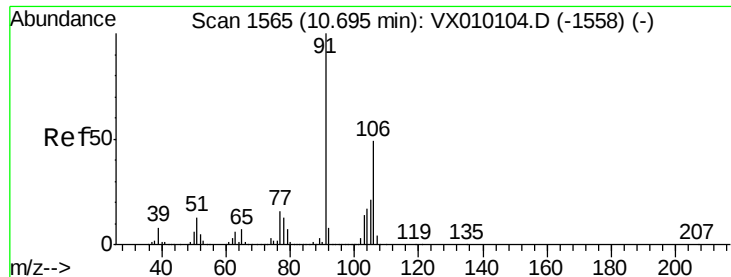
Tot Ion: 91 Resp: 294160
Ion Ratio Lower Upper
91 100
106 32.5 23.9 35.9



#68
m/p-Xylenes
Concen: 39.916 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion: 106 Resp: 225756
Ion Ratio Lower Upper
106 100
91 194.5 167.3 250.9

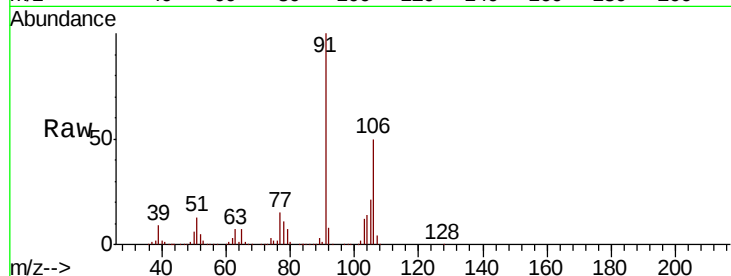




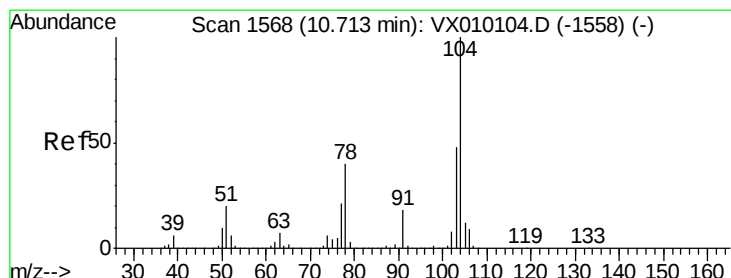
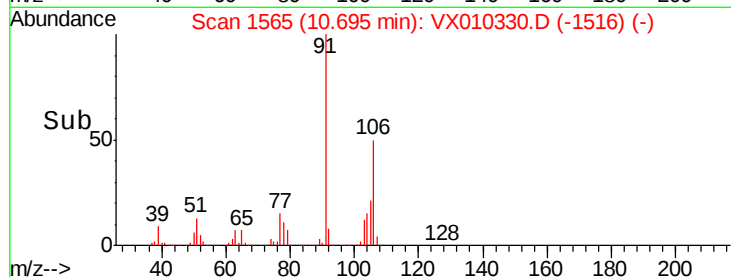
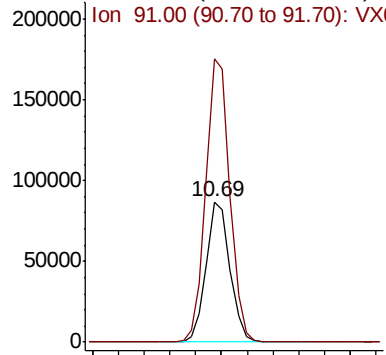
#69
o-Xylene
Concen: 19.959 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 112210
Ion Ratio Lower Upper
106 100
91 203.3 110.4 331.2

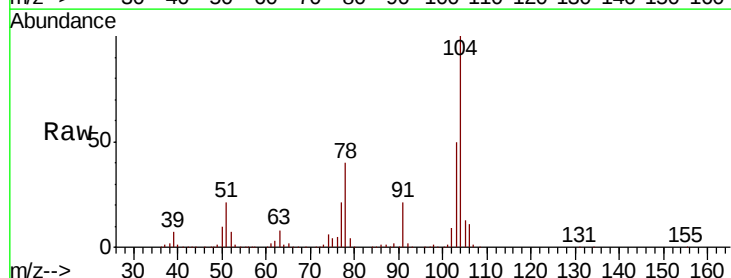


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

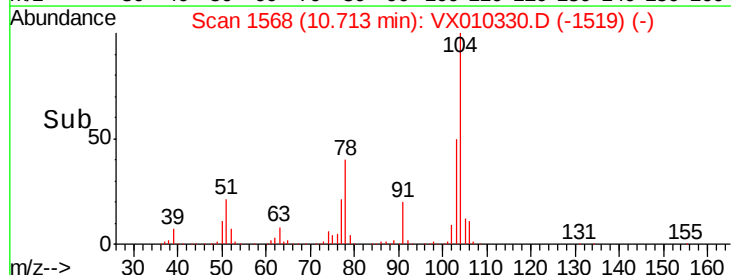
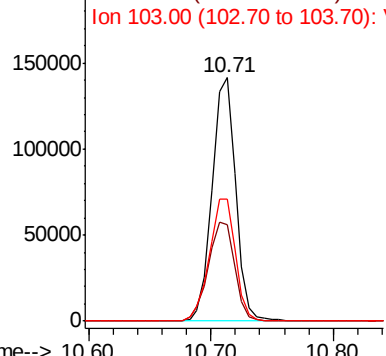


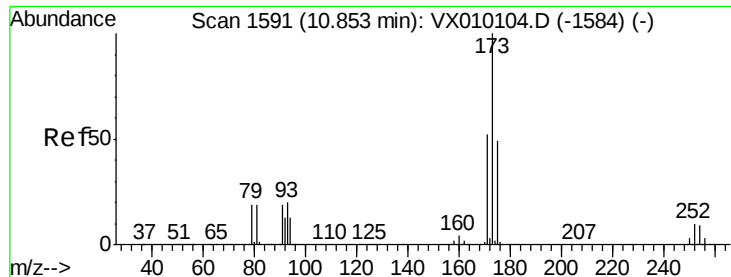
#70
Styrene
Concen: 19.761 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion:104 Resp: 188165
Ion Ratio Lower Upper
104 100
78 45.9 42.1 63.1
103 55.5 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.514 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

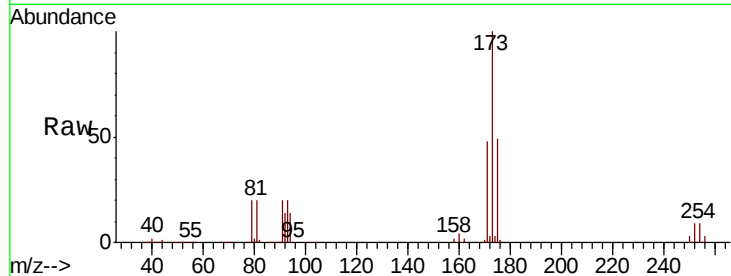
Tot Ion:173 Resp: 56195

Ion Ratio Lower Upper

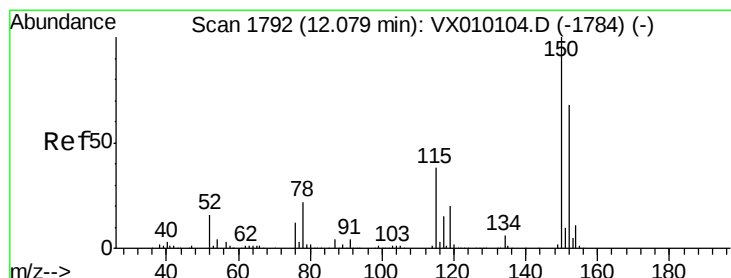
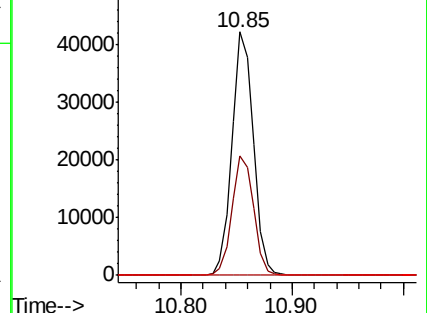
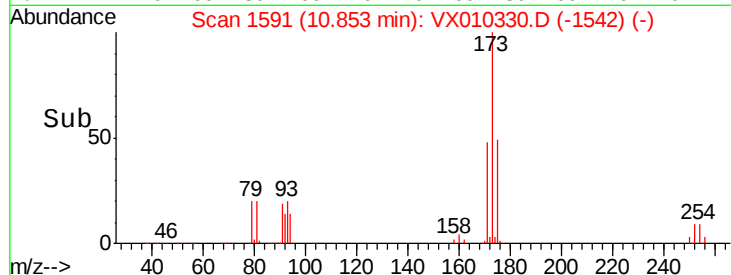
173 100

175 49.4 25.0 75.0

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

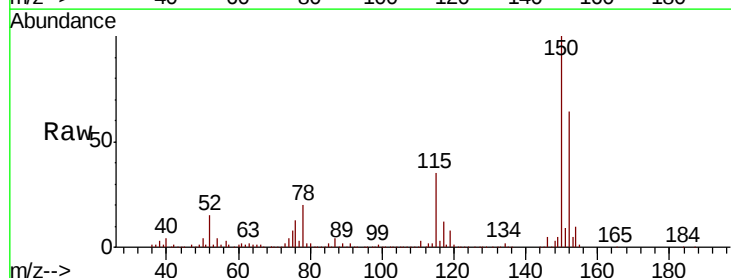
Tgt Ion:152 Resp: 212703

Ion Ratio Lower Upper

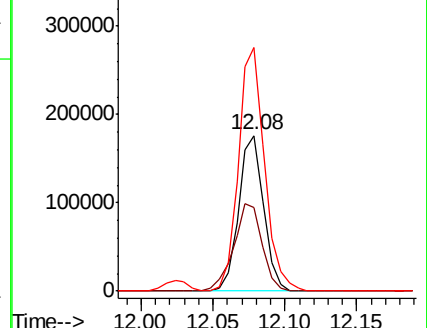
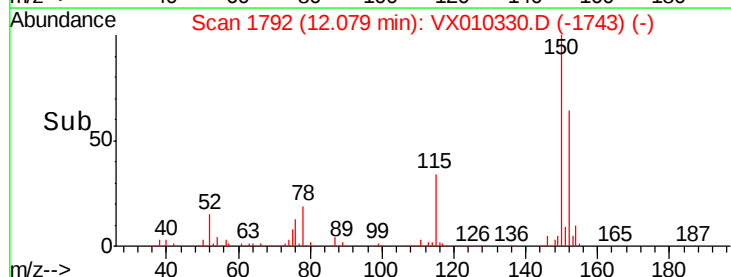
152 100

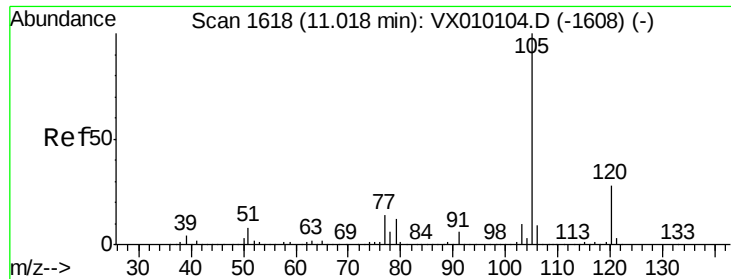
115 64.7 41.4 124.2

150 164.6 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.903 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

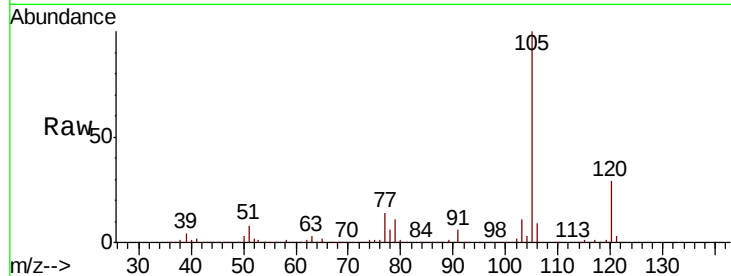
ClientSampleId :

Tot Ion:105 Resp: 295521

Ion Ratio Lower Upper

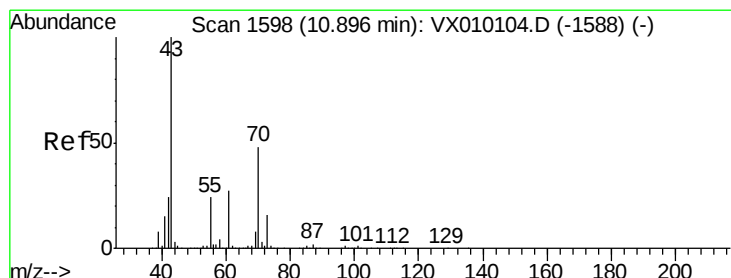
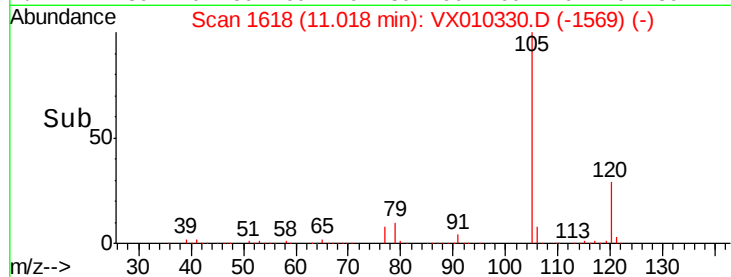
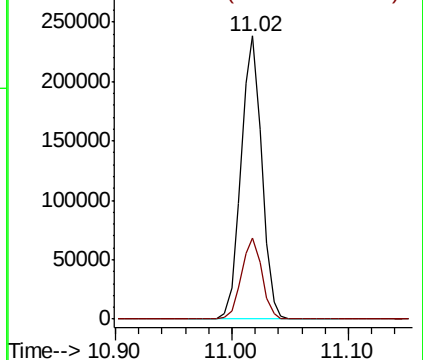
105 100

120 28.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.087 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Tgt Ion: 43 Resp: 117901

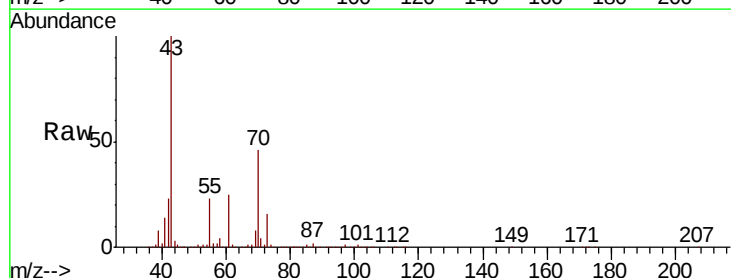
Ion Ratio Lower Upper

43 100

70 45.2 28.6 43.0#

55 23.5 17.8 26.8

61 25.7 17.7 26.5

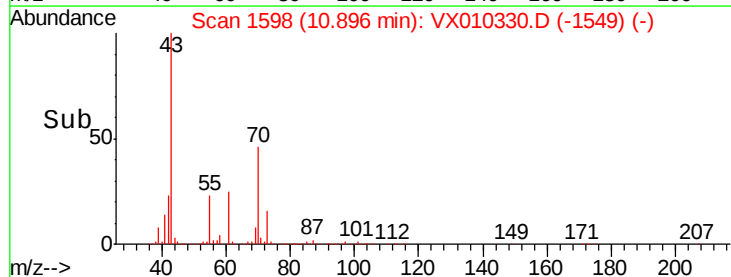
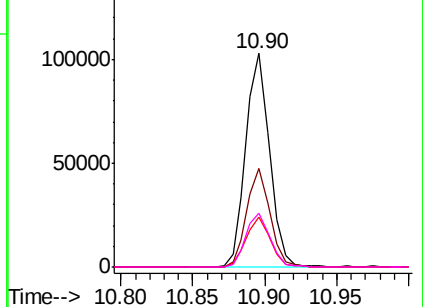


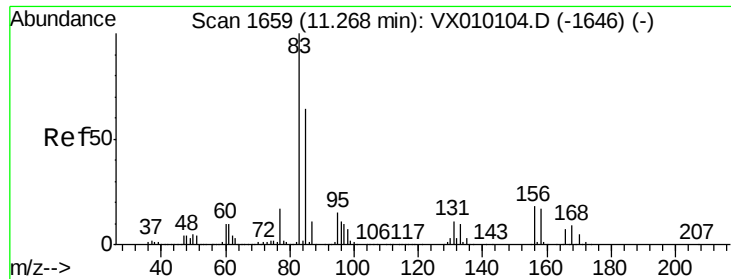
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.643 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

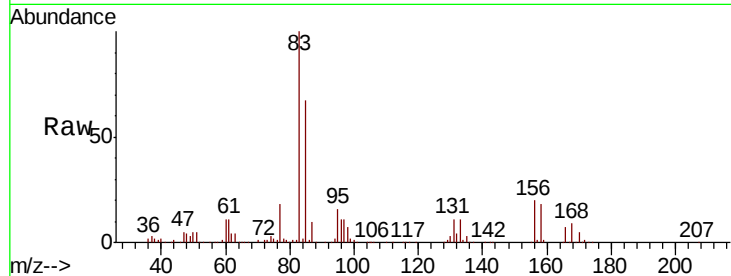
Tot Ion: 83 Resp: 99837

Ion Ratio Lower Upper

83 100

131 11.4 4.7 14.1

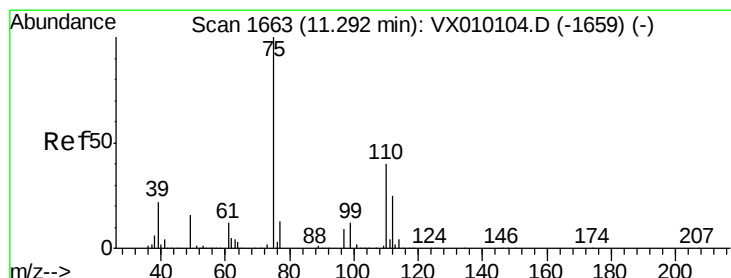
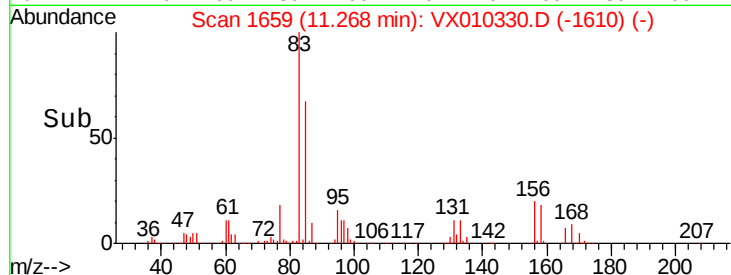
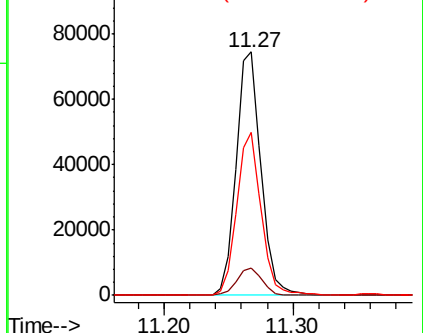
85 65.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.496 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010330.D

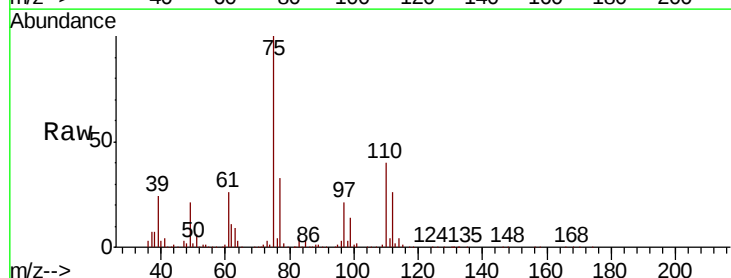
Acq: 17 Jun 2019 17:32

Tgt Ion: 75 Resp: 112725

Ion Ratio Lower Upper

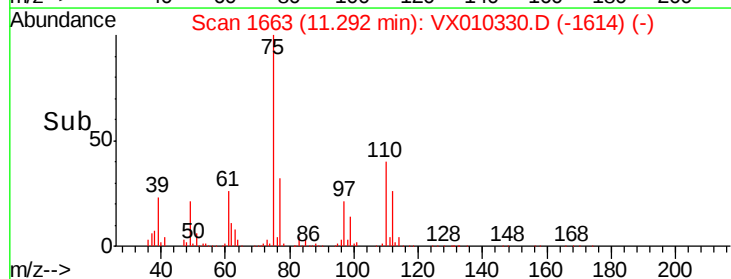
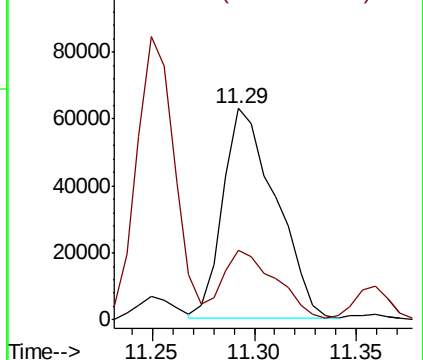
75 100

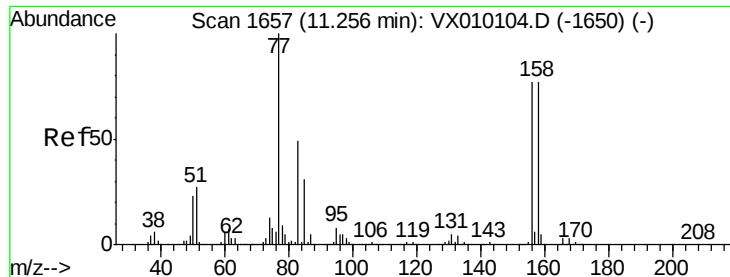
77 33.4 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.831 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

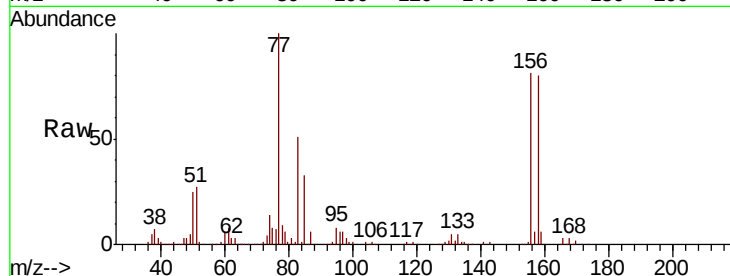
Tot Ion:156 Resp: 80973

Ion Ratio Lower Upper

156 100

77 134.9 86.8 260.3

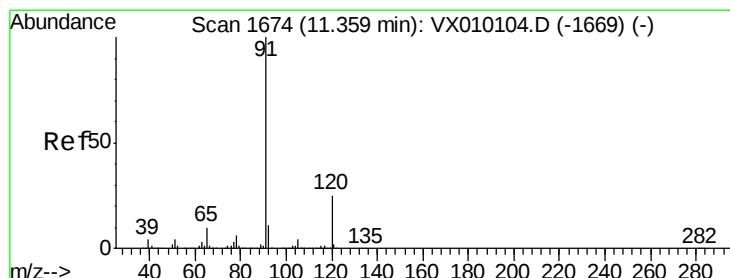
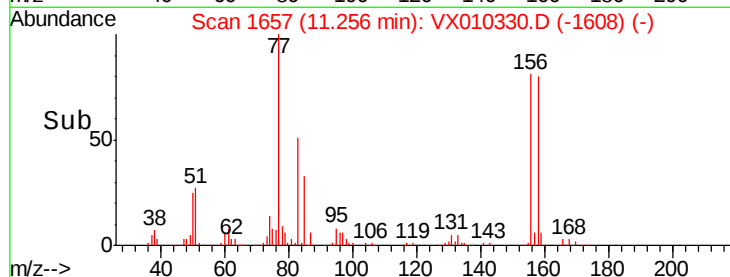
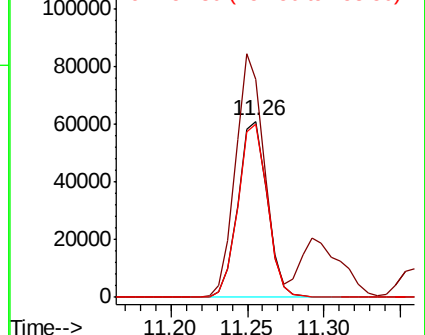
158 99.0 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.653 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010330.D

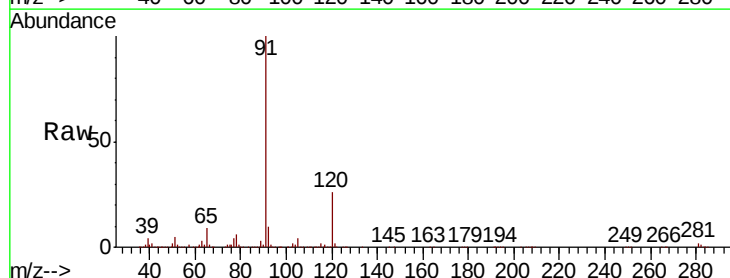
Acq: 17 Jun 2019 17:32

Tgt Ion: 91 Resp: 324865

Ion Ratio Lower Upper

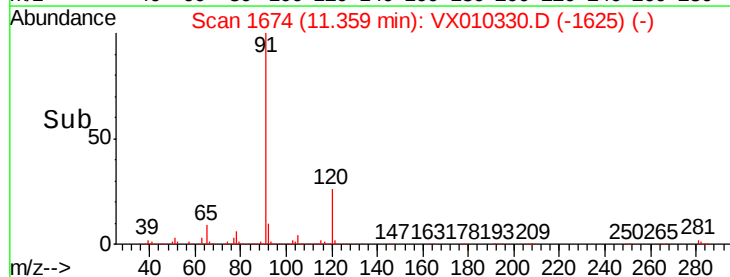
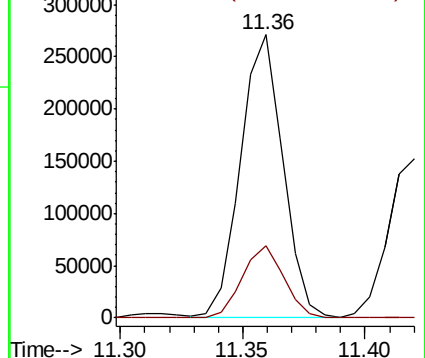
91 100

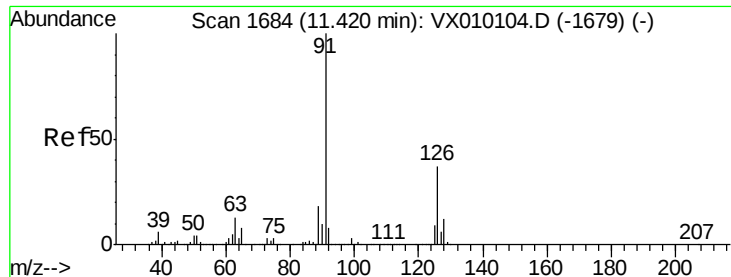
120 25.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.495 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

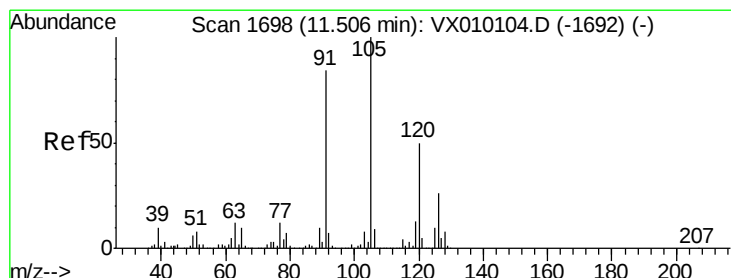
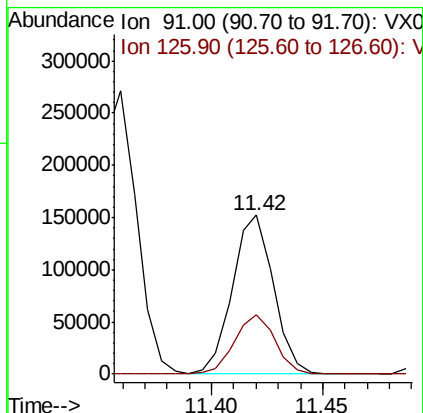
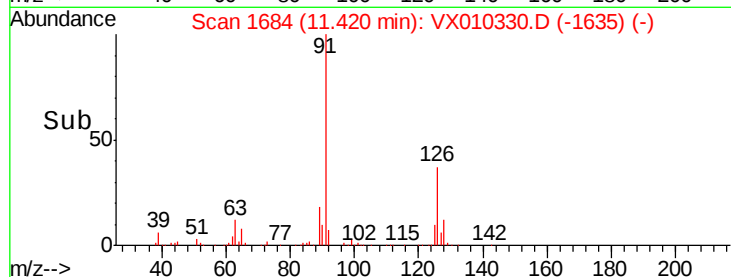
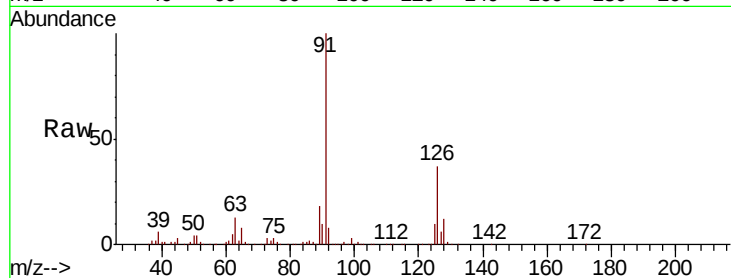
ClientSampleId :

Tot Ion: 91 Resp: 193541

Ion Ratio Lower Upper

91 100

126 37.5 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 19.842 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010330.D

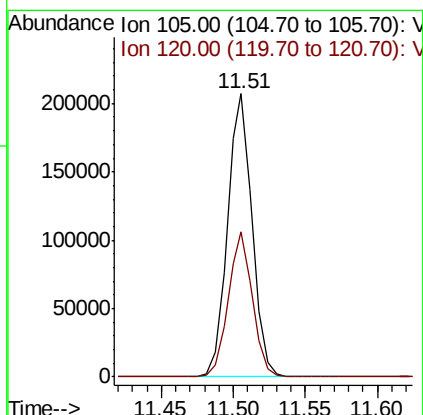
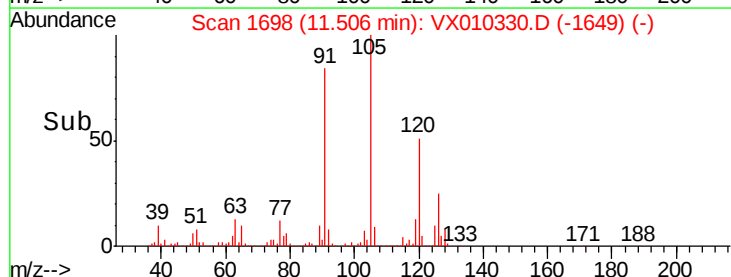
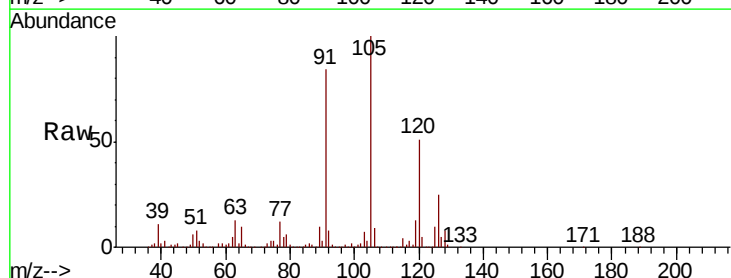
Acq: 17 Jun 2019 17:32

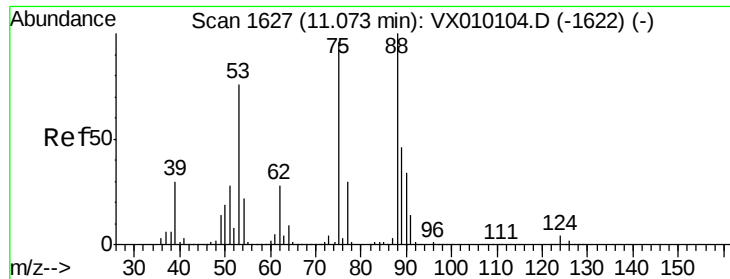
Tgt Ion:105 Resp: 248140

Ion Ratio Lower Upper

105 100

120 50.4 24.1 72.3

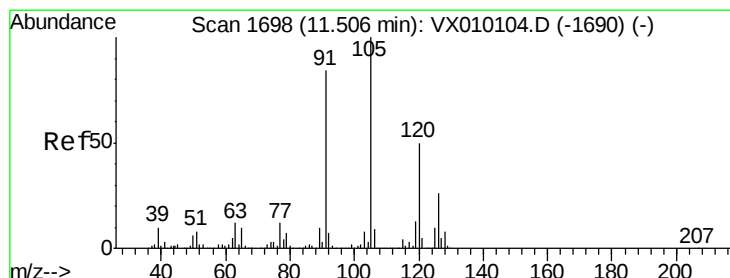
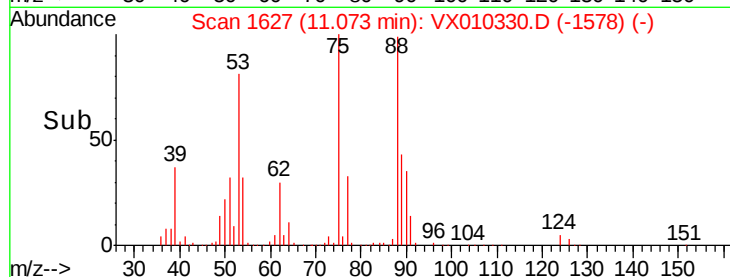
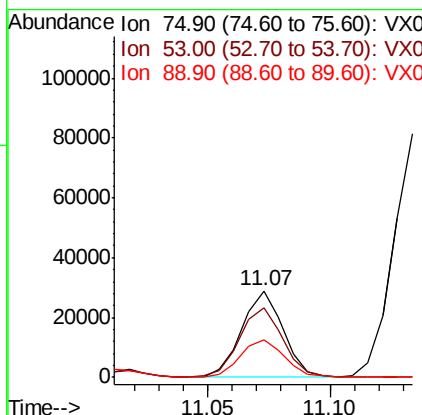
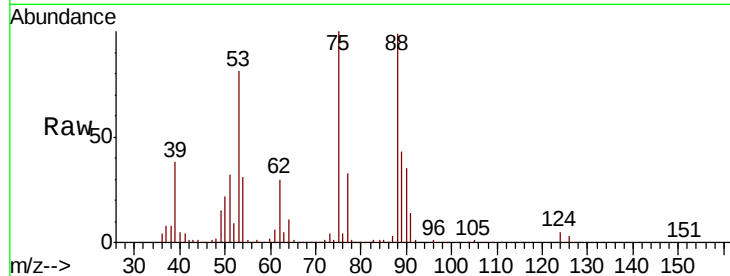




#81
trans-1,4-Dichloro-2-butene
Concen: 17.827 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

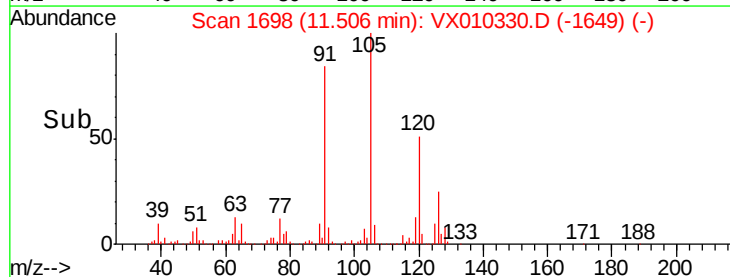
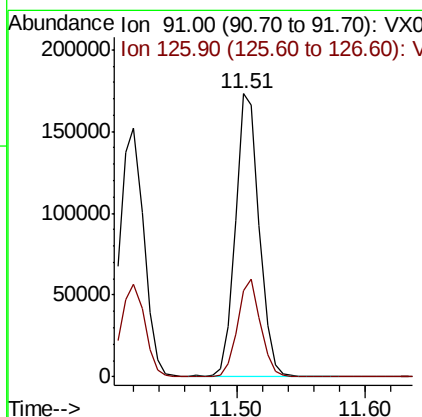
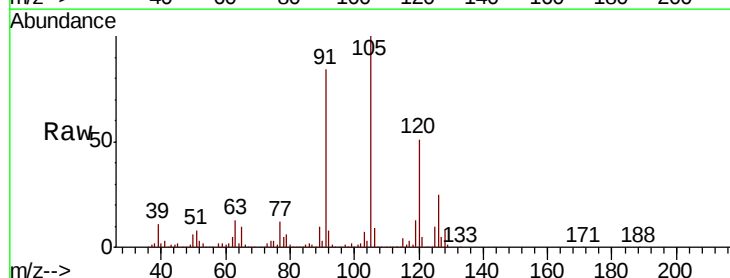
Instrument :
MSVOA_X
ClientSampled :

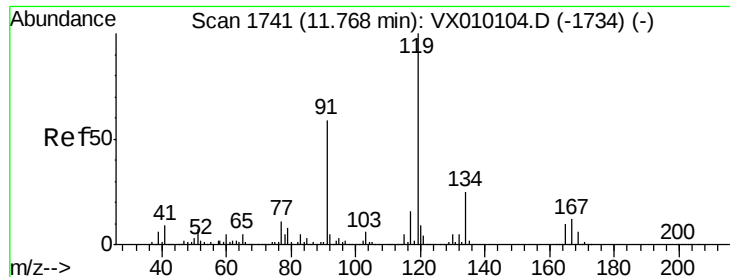
Tot Ion: 75 Resp: 34327
Ion Ratio Lower Upper
75 100
53 83.0 79.8 119.6
89 46.3 34.2 51.4



#82
4-Chlorotoluene
Concen: 19.653 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 17:32

Tgt Ion: 91 Resp: 221645
Ion Ratio Lower Upper
91 100
126 33.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.820 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampled :

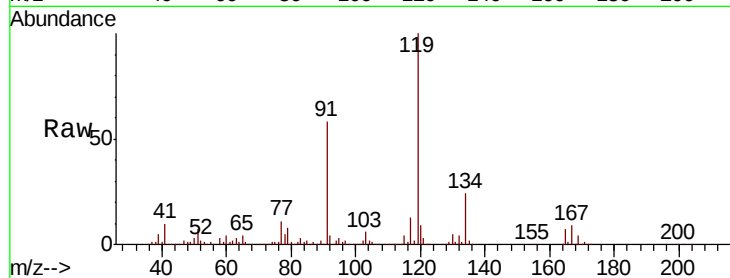
Tot Ion:119 Resp: 250880

Ion Ratio Lower Upper

119 100

91 55.1 30.0 90.0

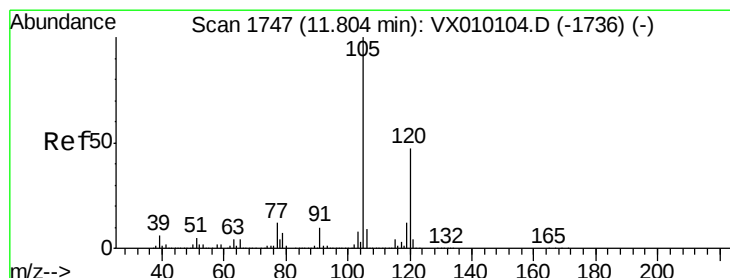
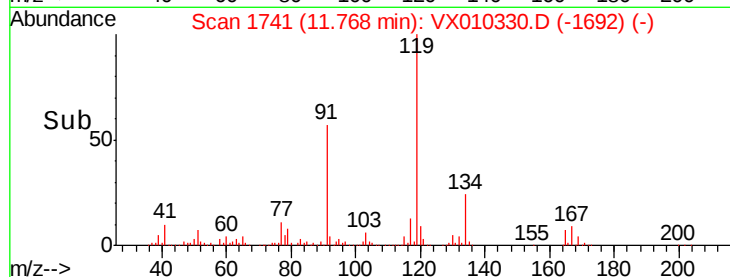
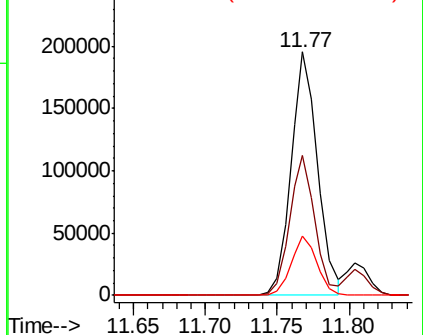
134 23.6 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.825 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010330.D

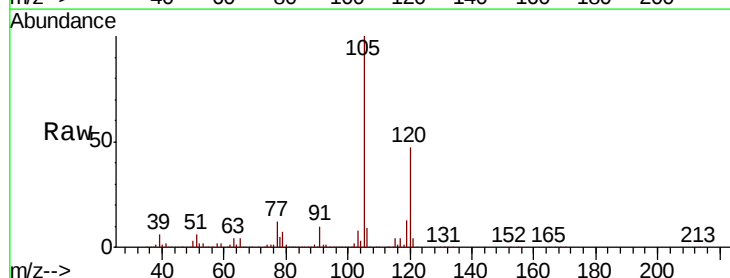
Acq: 17 Jun 2019 17:32

Tgt Ion:105 Resp: 250433

Ion Ratio Lower Upper

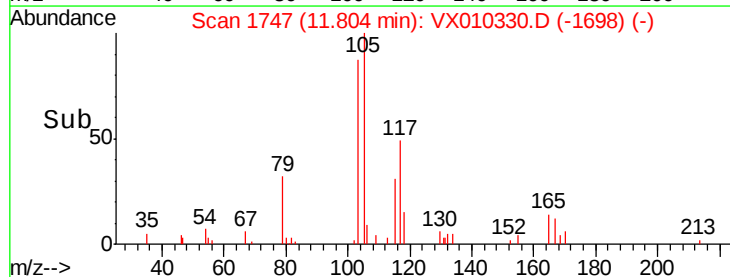
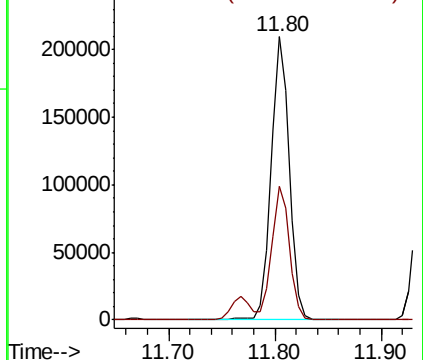
105 100

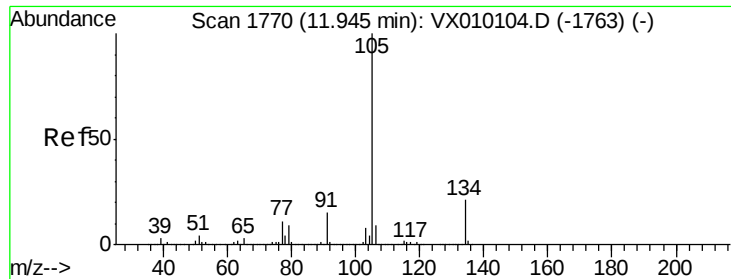
120 46.0 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.914 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

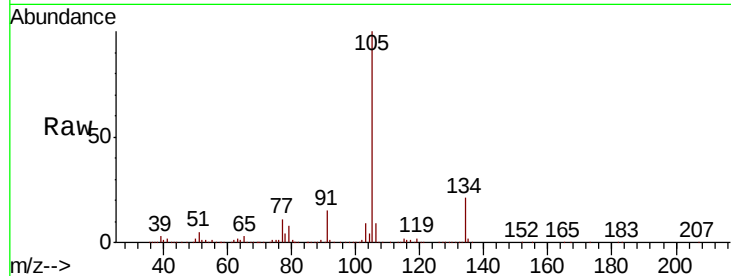
ClientSampled :

Tot Ion:105 Resp: 293666

Ion Ratio Lower Upper

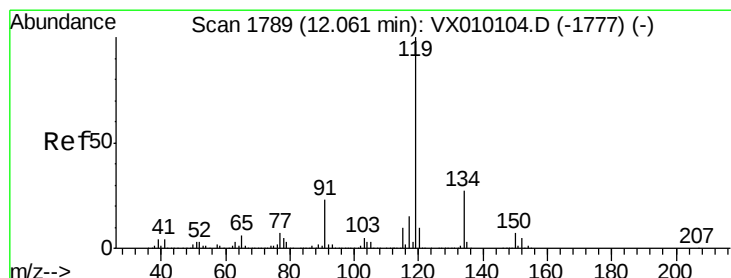
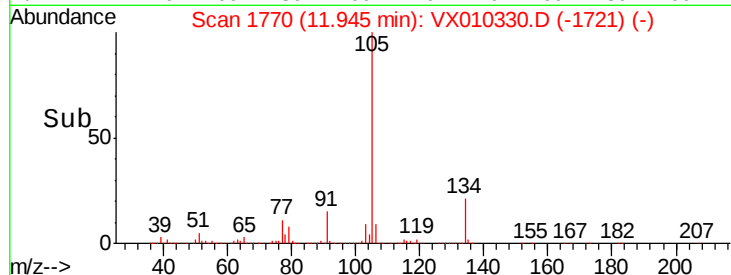
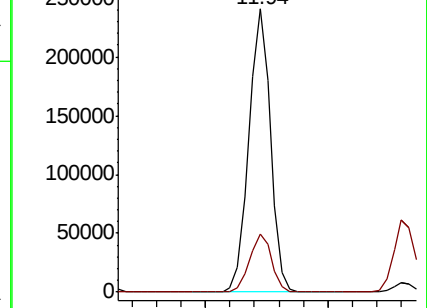
105 100

134 21.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.948 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

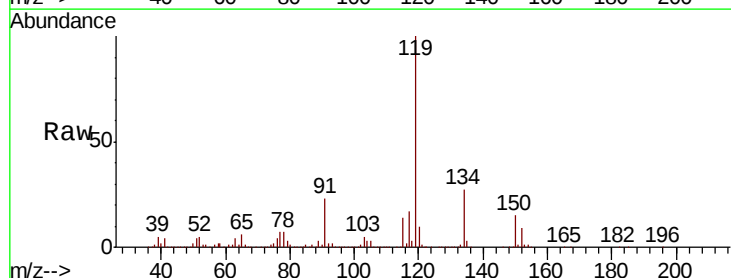
Tgt Ion:119 Resp: 268923

Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

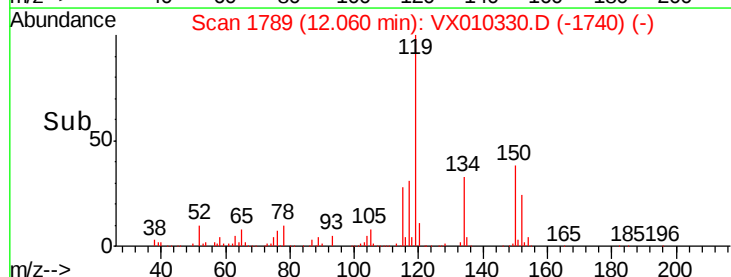
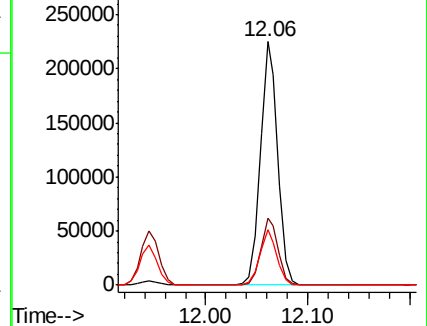
91 22.0 11.9 35.9

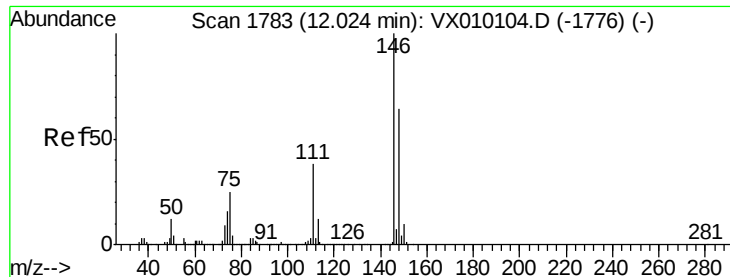


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

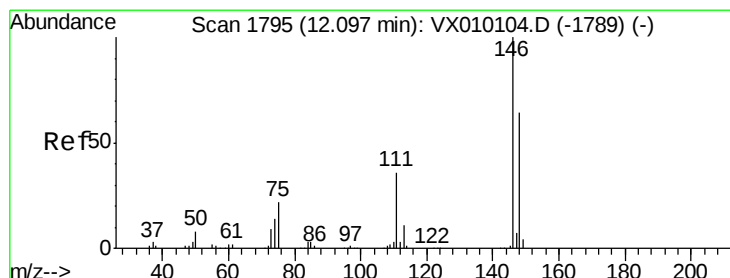
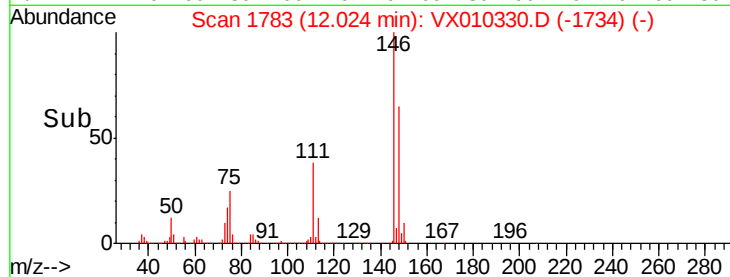
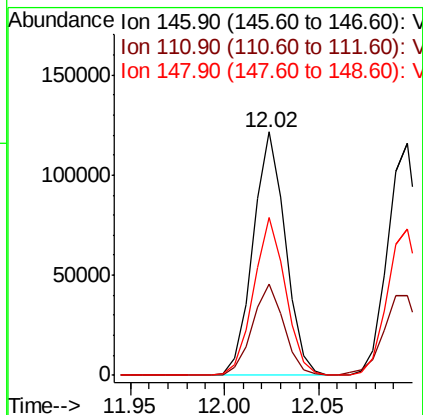
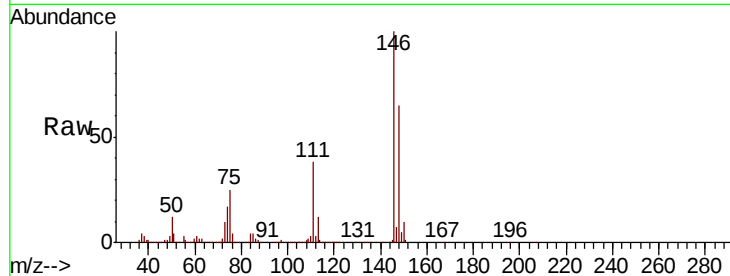




#87
 1,3-Dichlorobenzene
 Concen: 20.064 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 17:32

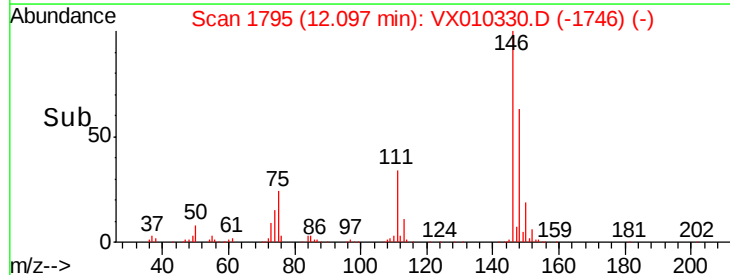
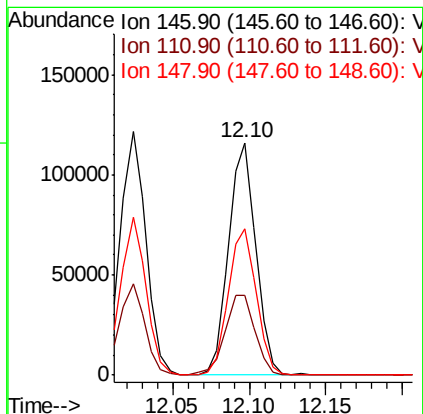
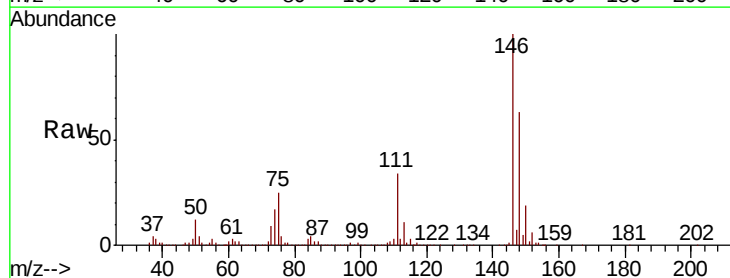
Instrument :
 MSVOA_X
 ClientSampleId :

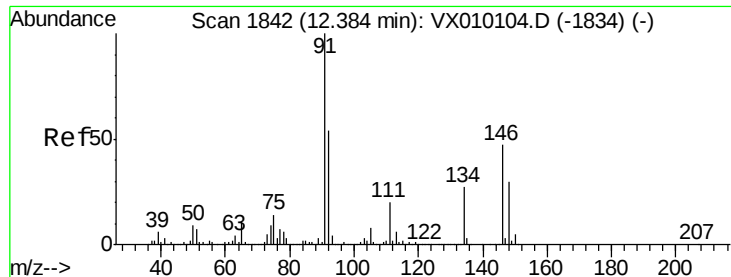
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	20.1	60.2
148	64.1	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.771 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 17:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.0	59.9
148	64.6	32.3	96.9





#89

n-Butylbenzene

Concen: 19.622 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampled :

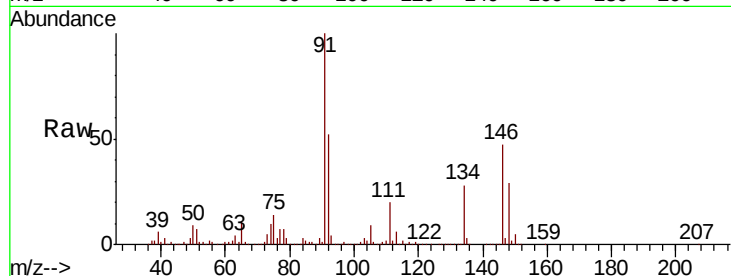
Tot Ion: 91 Resp: 227704

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.8

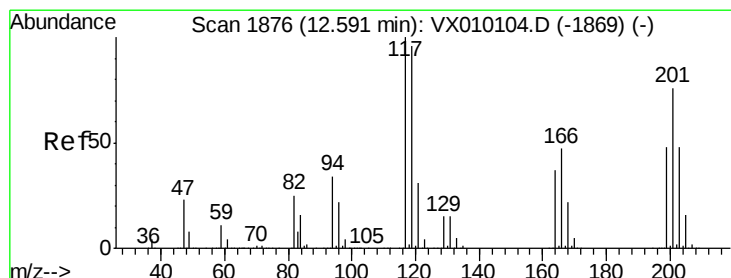
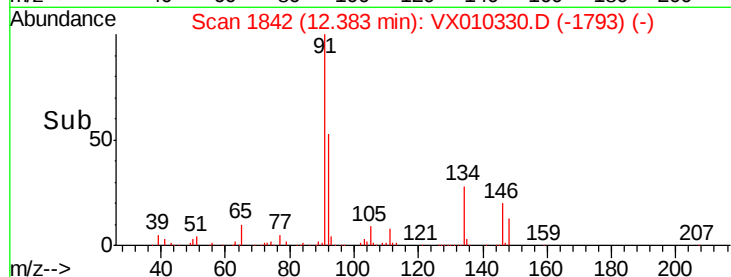
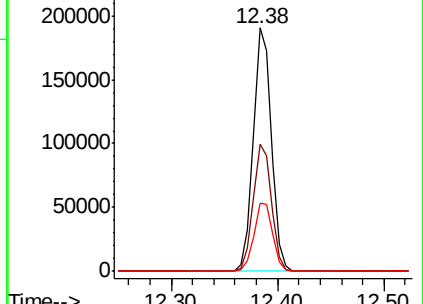
134 29.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX010104.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX010104.D (-1834) (-)



#90

Hexachloroethane

Concen: 17.062 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010330.D

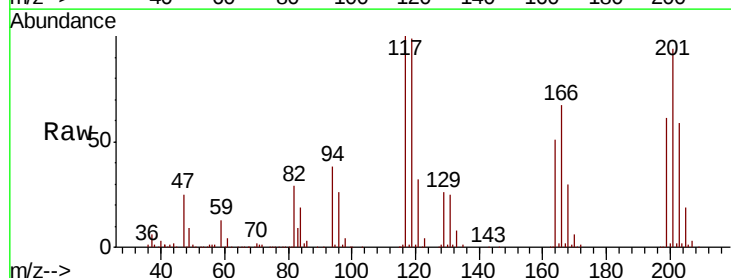
Acq: 17 Jun 2019 17:32

Tgt Ion: 117 Resp: 45820

Ion Ratio Lower Upper

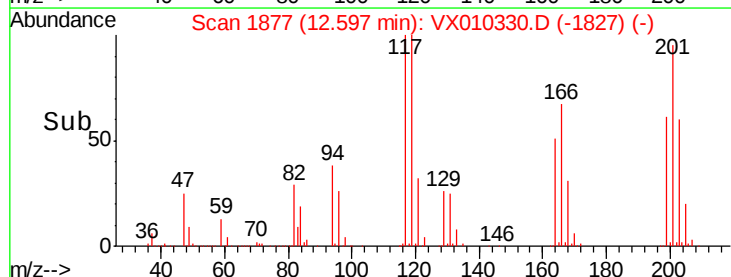
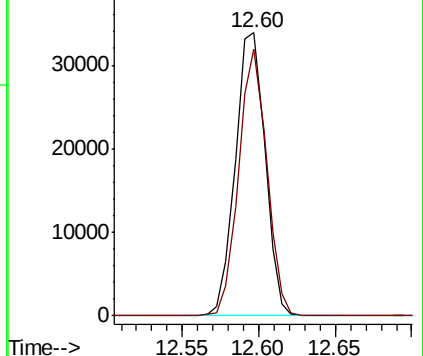
117 100

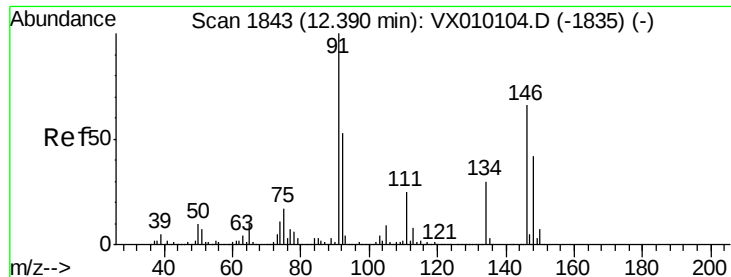
201 88.6 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VX010104.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX010104.D (-1869) (-)





#91

1,2-Dichlorobenzene

Concen: 20.424 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

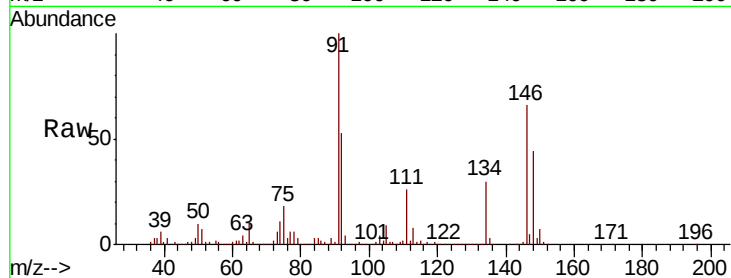
Tot Ion:146 Resp: 142806

Ion Ratio Lower Upper

146 100

111 39.9 21.1 63.1

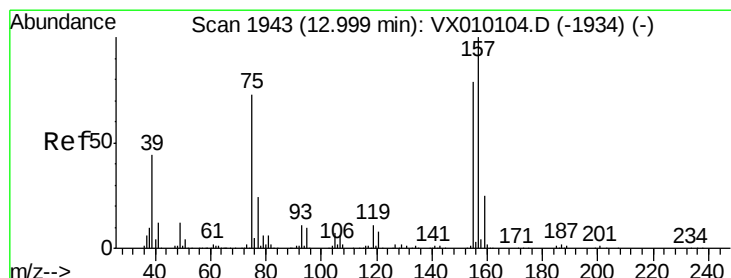
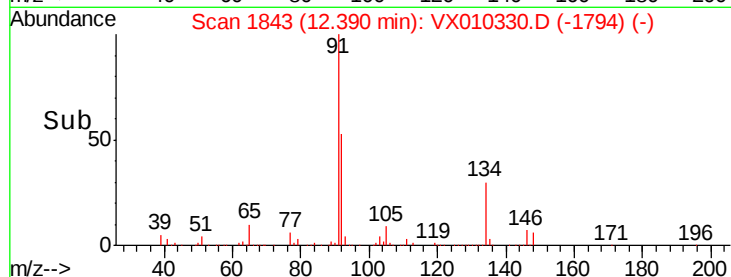
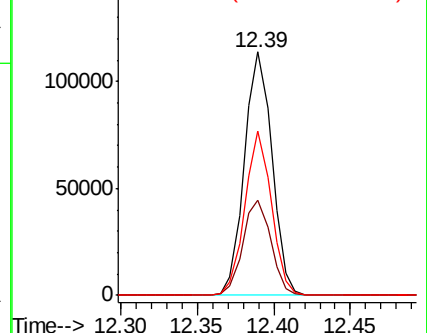
148 64.8 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.254 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

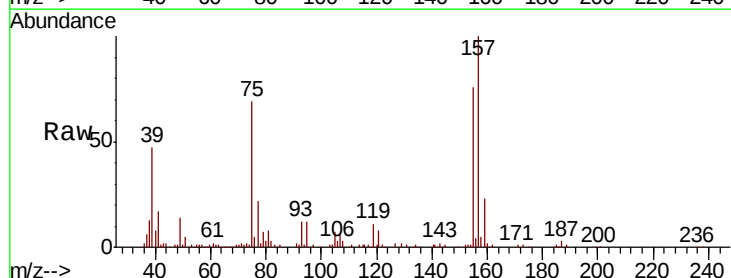
Tgt Ion: 75 Resp: 21832

Ion Ratio Lower Upper

75 100

155 106.8 39.3 117.8

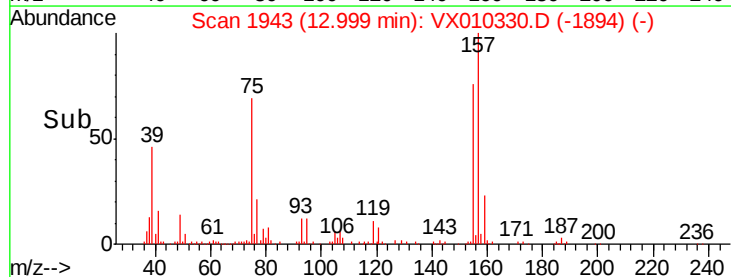
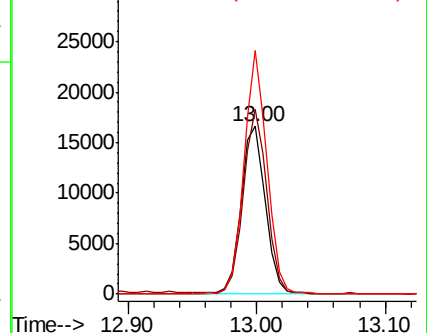
157 135.4 50.6 151.8

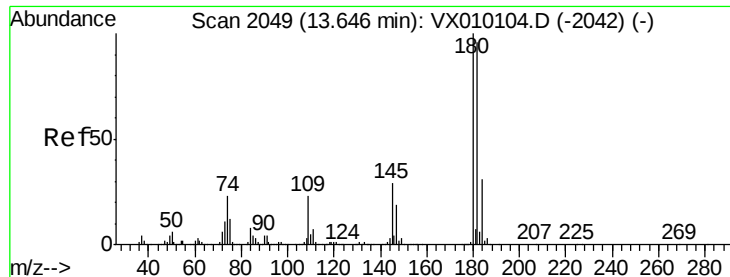


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

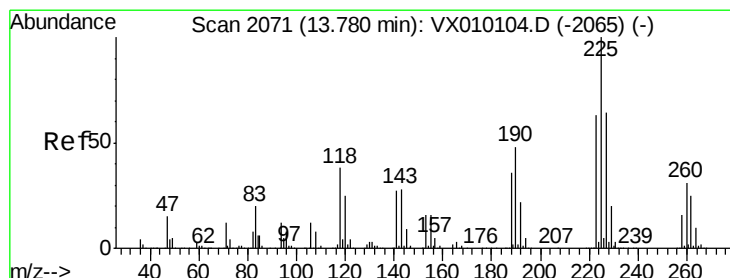
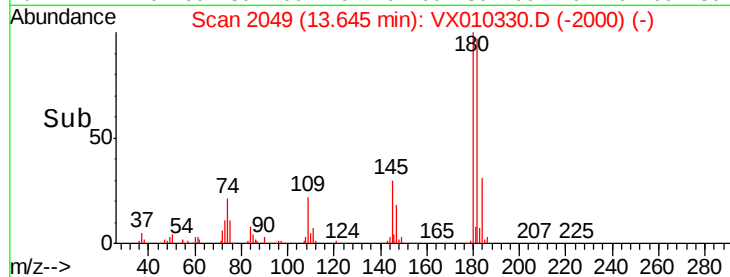
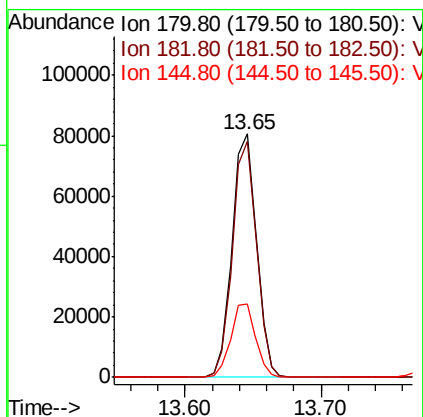
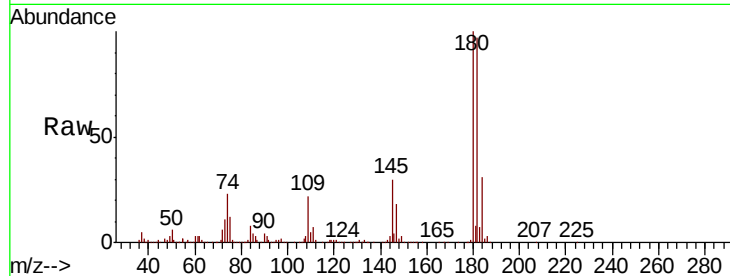




#93
 1,2,4-Trichlorobenzene
 Concen: 19.754 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 17:32

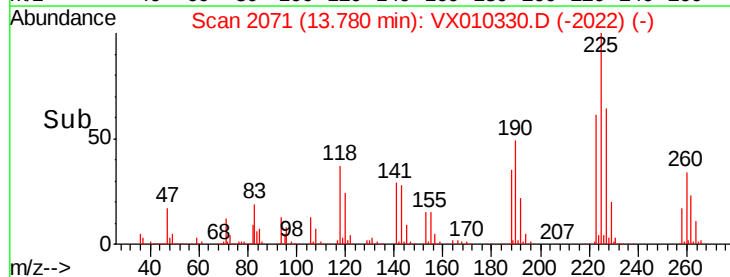
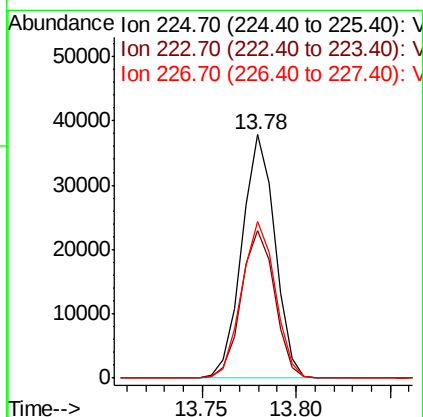
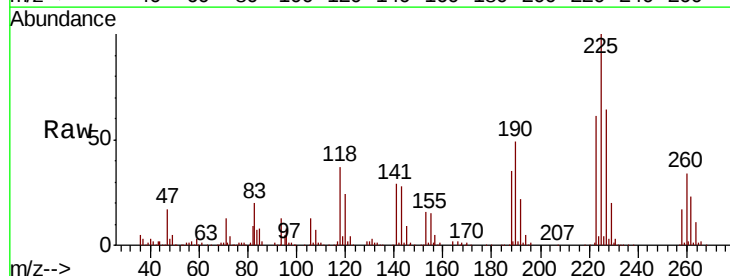
Instrument :
 MSVOA_X
 ClientSampleId :

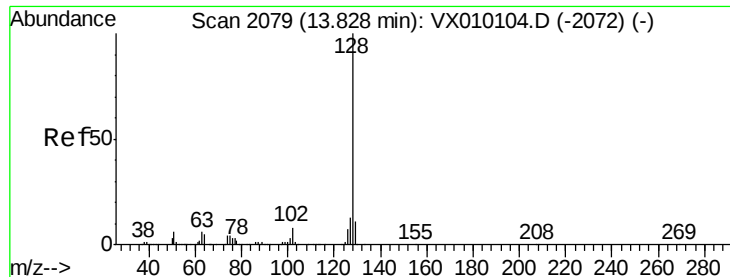
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	30.6	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 20.207 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 17:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.3	93.8
227	65.6	32.3	96.8





#95

Naphthalene

Concen: 20.147 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

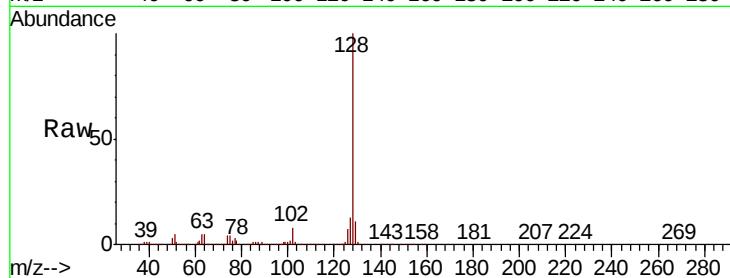
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 324595

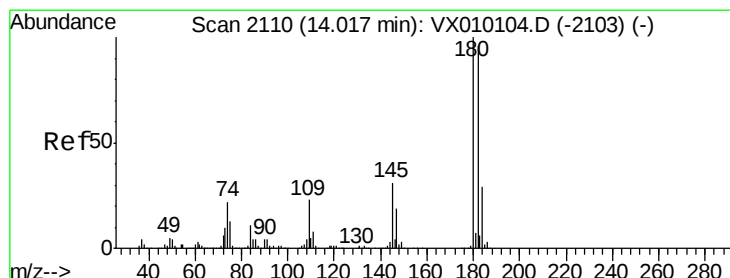
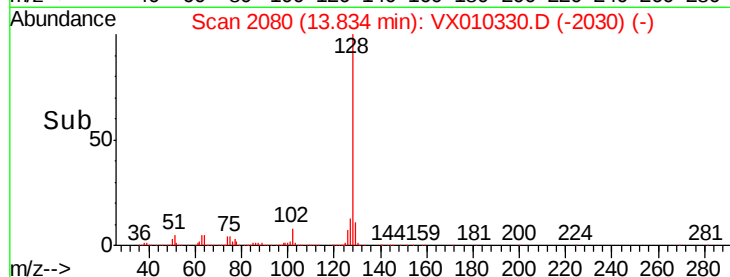
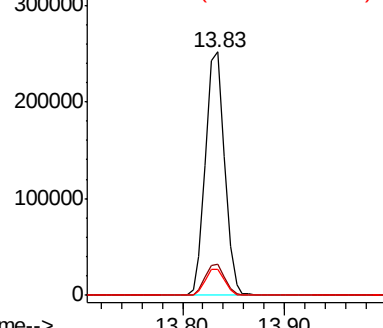
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.257 ug/l

RT: 14.02 min Scan# 2110

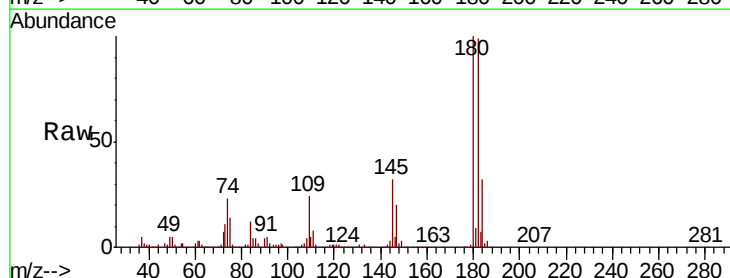
Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 17:32

Tgt Ion:180 Resp: 102511

Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.3	142.0
145	31.0	15.6	46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

