

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010329.D
 Acq On : 17 Jun 2019 17:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 01:54:01 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	5.66	168	313772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	427091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	144707	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.50	113	142267	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	533499	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.13	95	204227	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	140280	48.588	ug/l	99
3) Chloromethane	1.32	50	130064	45.361	ug/l	99
4) Vinyl Chloride	1.41	62	137947	51.189	ug/l	100
5) Bromomethane	1.64	94	56836	55.891	ug/l	99
6) Chloroethane	1.71	64	77521	57.056	ug/l	97
7) Trichlorofluoromethane	1.92	101	224380	56.053	ug/l	99
8) Diethyl Ether	2.19	74	75149	54.468	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132712	48.096	ug/l	91
10) Methyl Iodide	2.51	142	184846	43.236	ug/l	97
11) Tert butyl alcohol	3.05	59	193560	257.979	ug/l	98
12) 1,1-Dichloroethene	2.37	96	130229	46.207	ug/l #	76
13) Acrolein	2.29	56	31898	233.157	ug/l	99
14) Allyl chloride	2.73	41	195339	45.916	ug/l #	88
15) Acrylonitrile	3.14	53	383826	250.280	ug/l	98
16) Acetone	2.45	43	363566	252.381	ug/l #	87
17) Carbon Disulfide	2.57	76	314375	38.605	ug/l	99
18) Methyl Acetate	2.78	43	169012	53.349	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	441026	48.708	ug/l	94
20) Methylene Chloride	2.85	84	148568	46.961	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	138449	44.390	ug/l #	76
22) Diisopropyl ether	3.85	45	406689	50.000	ug/l #	90
23) Vinyl Acetate	3.81	43	1779332	245.214	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	235765	47.740	ug/l	95
25) 2-Butanone	4.67	43	551096	256.909	ug/l #	83
26) 2,2-Dichloropropane	4.58	77	212441	47.153	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	166867	48.092	ug/l	79
28) Bromochloromethane	5.02	49	98107	44.326	ug/l #	49
29) Tetrahydrofuran	5.13	42	332049	246.308	ug/l #	76
30) Chloroform	5.21	83	250950	48.929	ug/l	100
31) Cyclohexane	5.57	56	204744	45.937	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	224737	46.610	ug/l	93
36) 1,1-Dichloropropene	5.80	75	179067	47.031	ug/l	92
37) Ethyl Acetate	4.84	43	192517	48.597	ug/l #	92
38) Carbon Tetrachloride	5.78	117	202958	47.095	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 01:54:01 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	232090	44.766	ug/l #	83
40) Benzene	6.14	78	570222	48.433	ug/l	98
41) Methacrylonitrile	5.04	41	106960	49.913	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	181163	48.199	ug/l	94
43) Isopropyl Acetate	6.45	43	326485	49.291	ug/l #	89
44) Trichloroethene	7.21	130	170568	48.063	ug/l	86
45) 1,2-Dichloropropane	7.51	63	145522	49.384	ug/l	99
46) Dibromomethane	7.66	93	105145	47.628	ug/l	92
47) Bromodichloromethane	7.90	83	199144	48.275	ug/l #	99
48) Methyl methacrylate	7.77	41	154818	49.979	ug/l #	77
49) 1,4-Dioxane	7.74	88	89226	1010.275	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	1056581	267.019	ug/l	90
52) Toluene	8.79	92	375907	48.572	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	225485	47.256	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	246092	48.109	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	163038	51.440	ug/l	97
56) Ethyl methacrylate	9.18	69	252381	50.408	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	248724	49.846	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	581310	246.288	ug/l #	86
59) 2-Hexanone	9.49	43	839055	265.951	ug/l	89
60) Dibromochloromethane	9.58	129	183540	48.957	ug/l	100
61) 1,2-Dibromoethane	9.67	107	173455	49.137	ug/l	100
64) Tetrachloroethene	9.34	164	165326	52.119	ug/l	95
65) Chlorobenzene	10.13	112	431366	48.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	168518	49.713	ug/l	100
67) Ethyl Benzene	10.25	91	736980	49.113	ug/l	95
68) m/p-Xylenes	10.36	106	573418	98.749	ug/l	91
69) o-Xylene	10.69	106	284363	49.263	ug/l	90
70) Styrene	10.71	104	493773	50.507	ug/l	95
71) Bromoform	10.85	173	150922	48.430	ug/l	99
73) Isopropylbenzene	11.02	105	749564	47.730	ug/l	96
74) N-amyl acetate	10.90	43	299129	48.185	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	255499	47.528	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	293938	65.323	ug/l	82
77) Bromobenzene	11.26	156	209173	48.435	ug/l	81
78) n-propylbenzene	11.36	91	844752	48.318	ug/l	95
79) 2-Chlorotoluene	11.42	91	495987	47.235	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	634763	47.989	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	92742	45.537	ug/l	86
82) 4-Chlorotoluene	11.51	91	573757	48.101	ug/l	92
83) tert-Butylbenzene	11.77	119	634014	47.358	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	642523	48.091	ug/l	97
85) sec-Butylbenzene	11.94	105	752289	48.232	ug/l	96
86) p-Isopropyltoluene	12.06	119	693402	48.630	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	368608	48.457	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	370169	48.273	ug/l	97
89) n-Butylbenzene	12.38	91	598466	48.760	ug/l	96
90) Hexachloroethane	12.60	117	126491	44.533	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	362096	48.964	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56432	44.610	ug/l	68

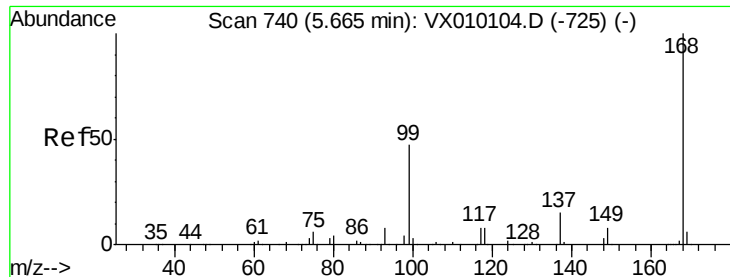
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	263842	48.740	ug/l	99
94) Hexachlorobutadiene	13.78	225	115531	47.989	ug/l	99
95) Naphthalene	13.83	128	838679	49.217	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	261946	48.940	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

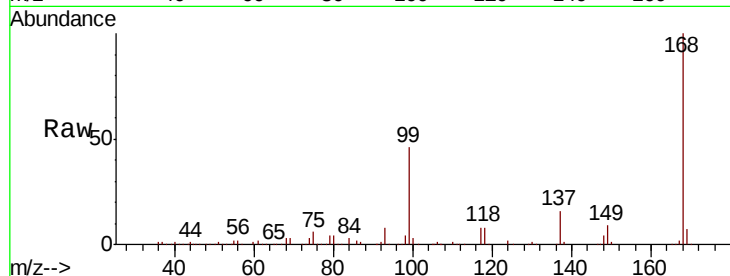
ClientSampleId :

Tot Ion:168 Resp: 313772

Ion Ratio Lower Upper

168 100

99 45.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

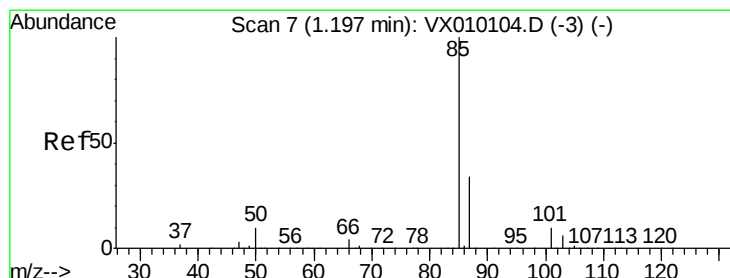
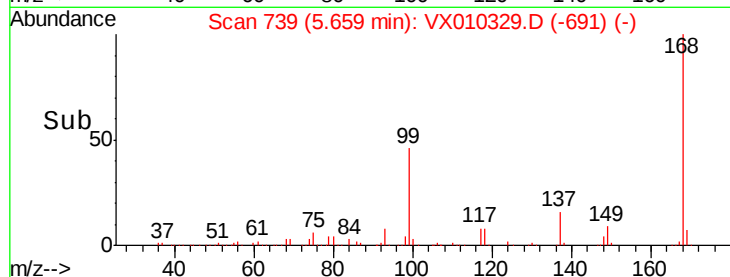
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.588 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010329.D

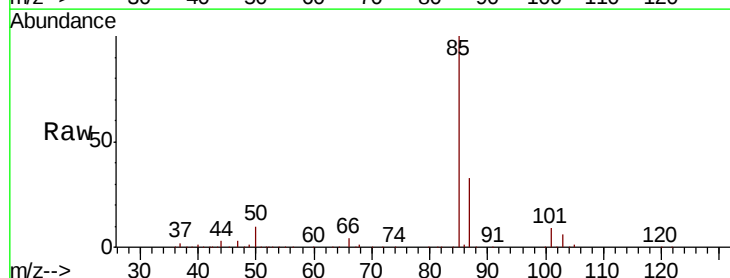
Acq: 17 Jun 2019 17:09

Tgt Ion: 85 Resp: 140280

Ion Ratio Lower Upper

85 100

87 32.7 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

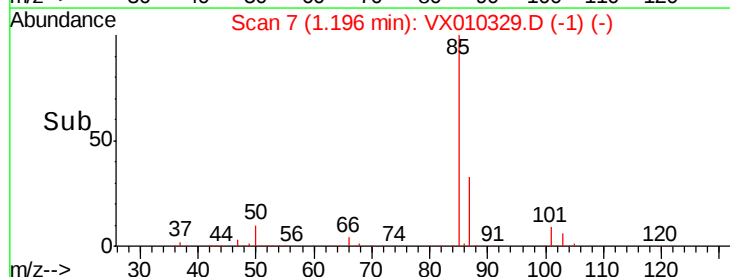
150000

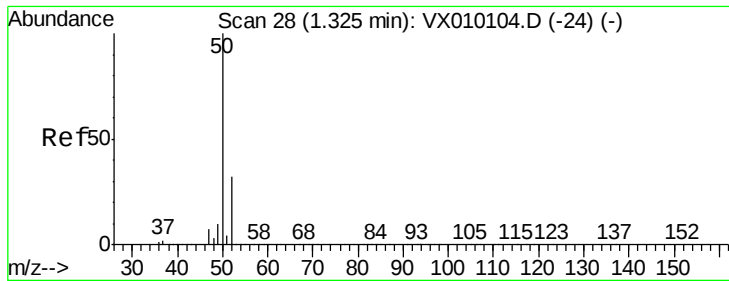
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.361 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

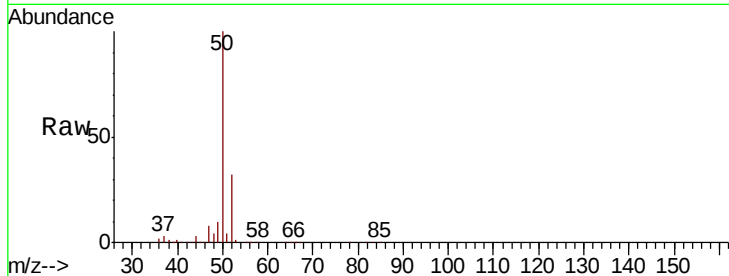
ClientSampleId :

Tot Ion: 50 Resp: 130064

Ion Ratio Lower Upper

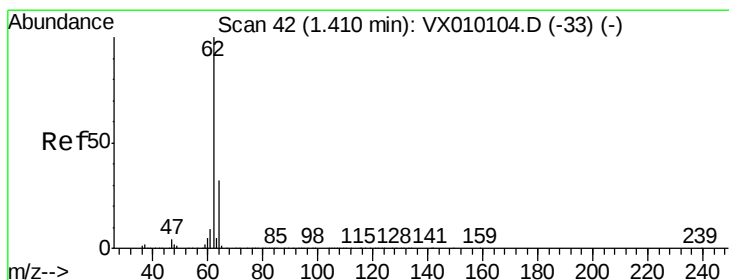
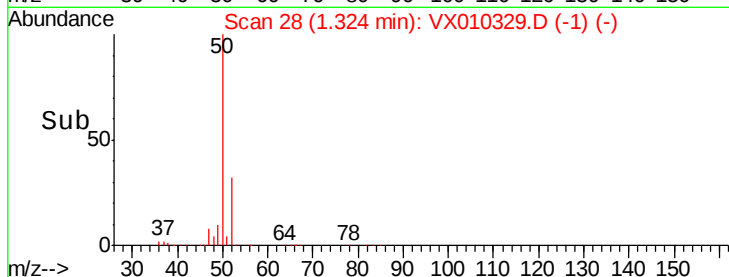
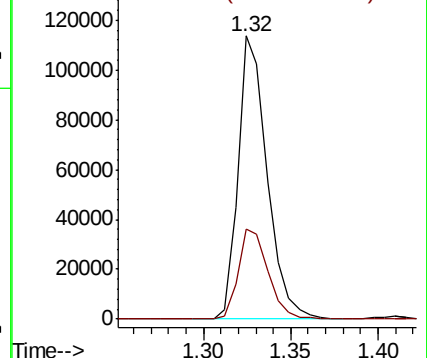
50 100

52 31.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.189 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010329.D

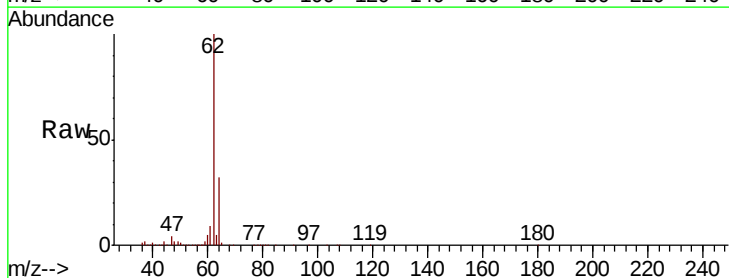
Acq: 17 Jun 2019 17:09

Tgt Ion: 62 Resp: 137947

Ion Ratio Lower Upper

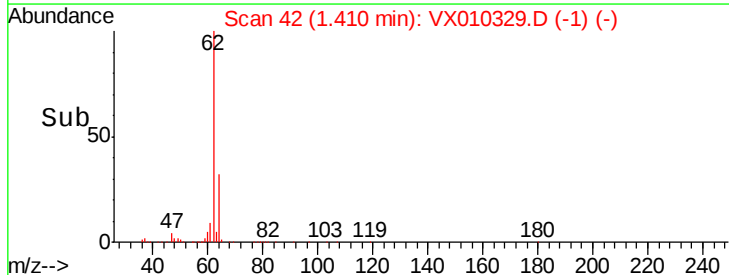
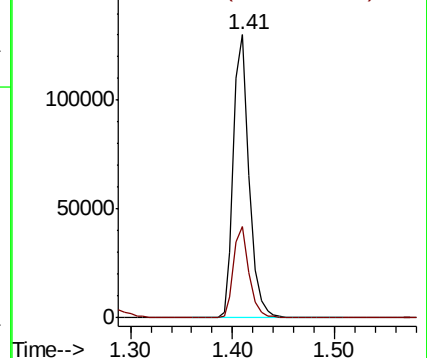
62 100

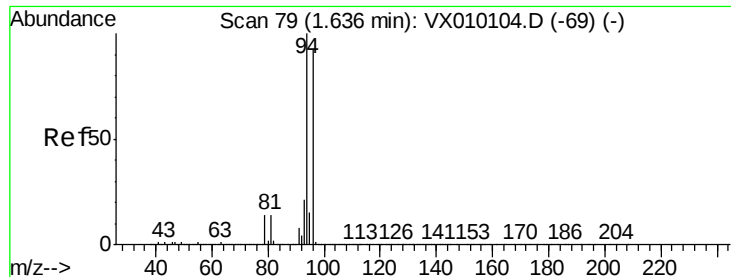
64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.891 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

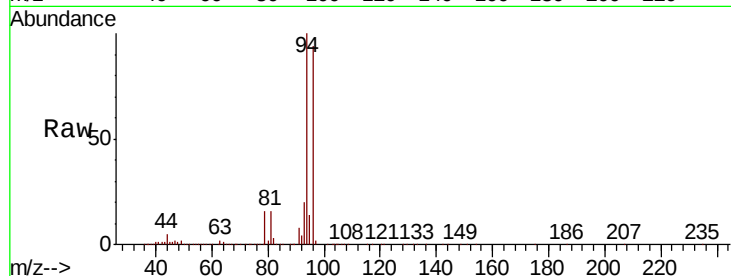
ClientSampleId :

Tot Ion: 94 Resp: 56836

Ion Ratio Lower Upper

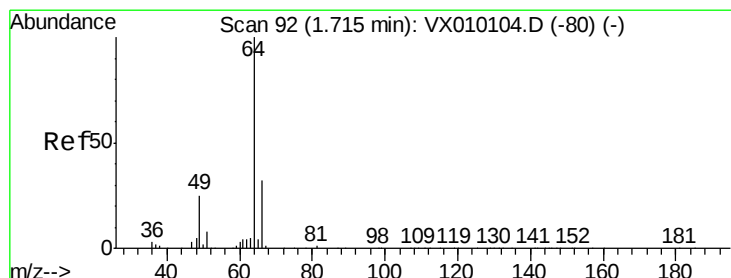
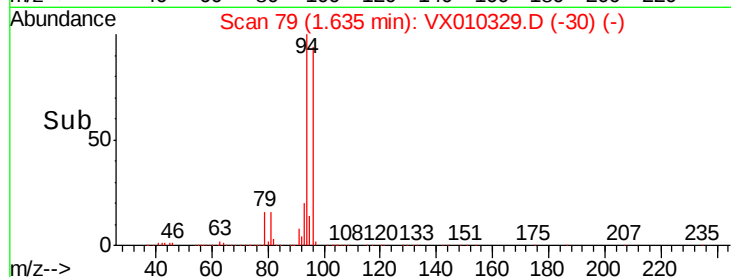
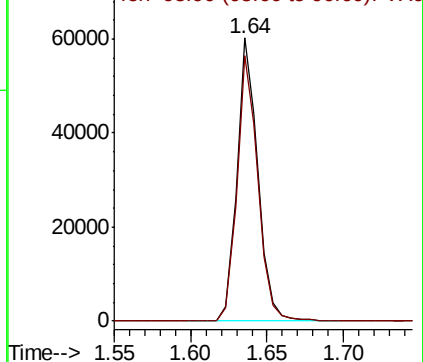
94 100

96 93.9 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: 57.056 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010329.D

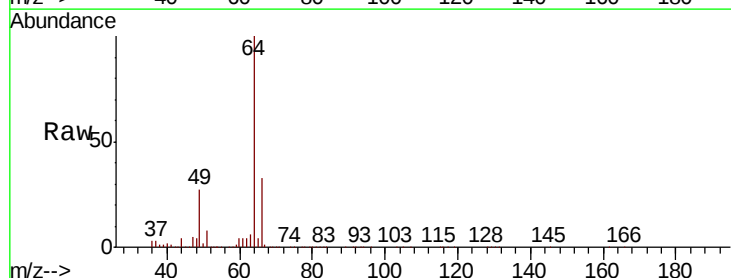
Acq: 17 Jun 2019 17:09

Tgt Ion: 64 Resp: 77521

Ion Ratio Lower Upper

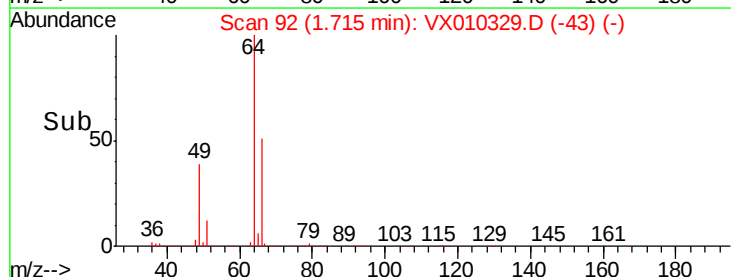
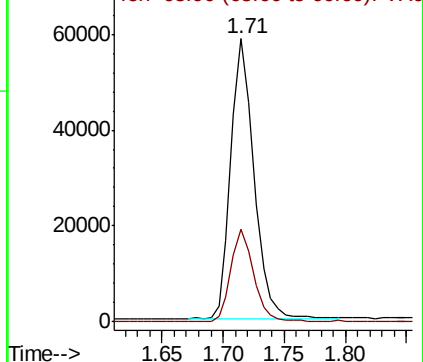
64 100

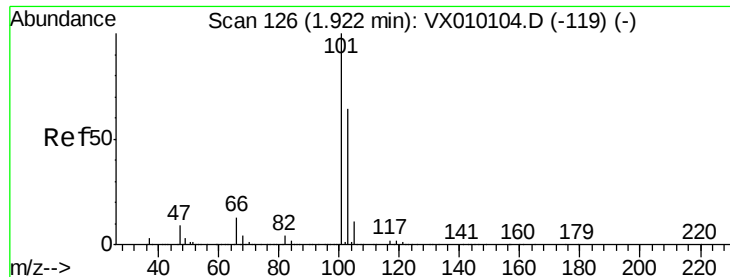
66 32.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



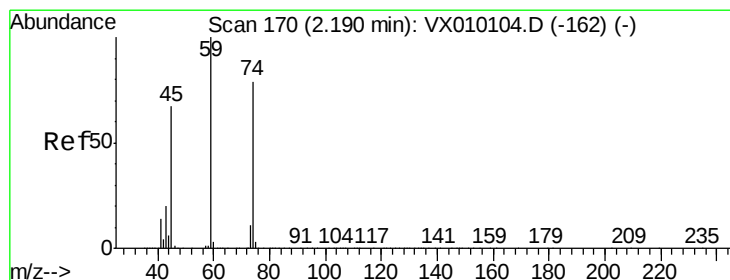
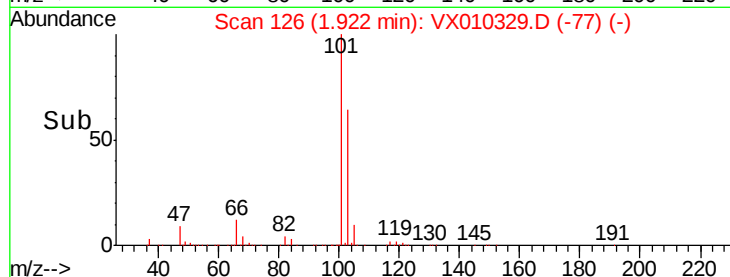
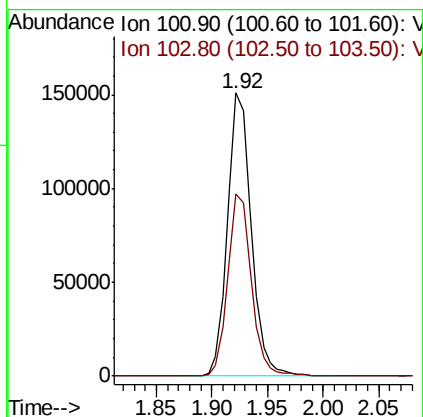
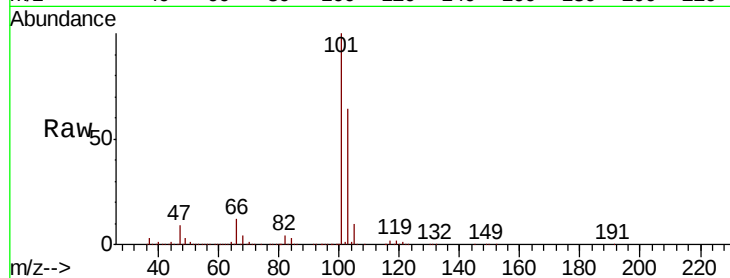


#7

Trichlorofluoromethane
Concen: 56.053 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :

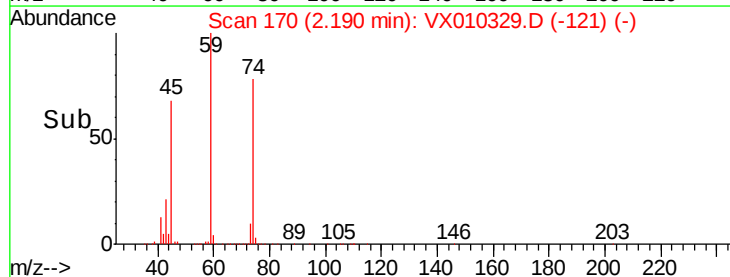
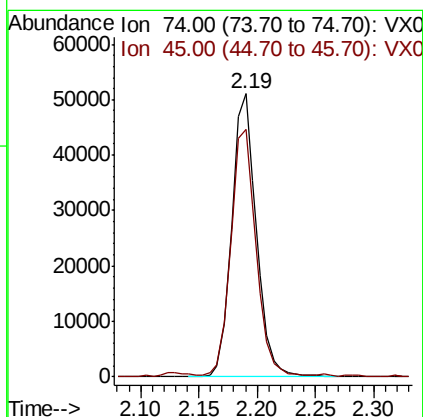
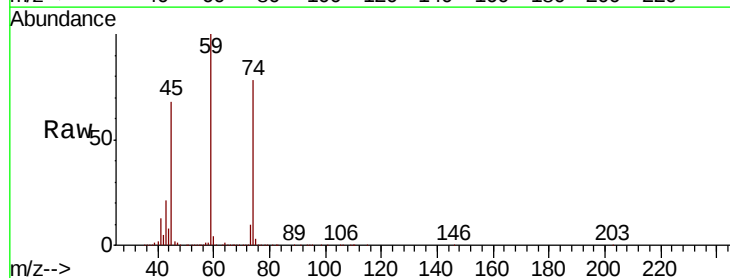
Tot Ion:101 Resp: 224380
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

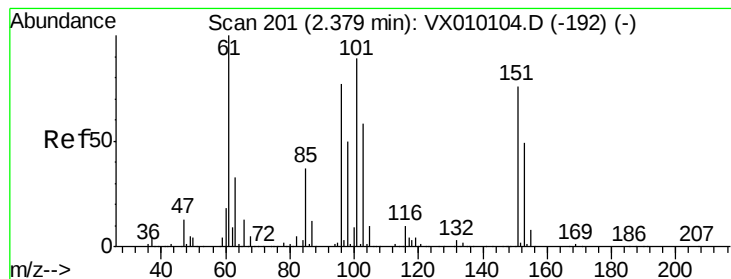


#8

Diethyl Ether
Concen: 54.468 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion: 74 Resp: 75149
Ion Ratio Lower Upper
74 100
45 89.3 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.096 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

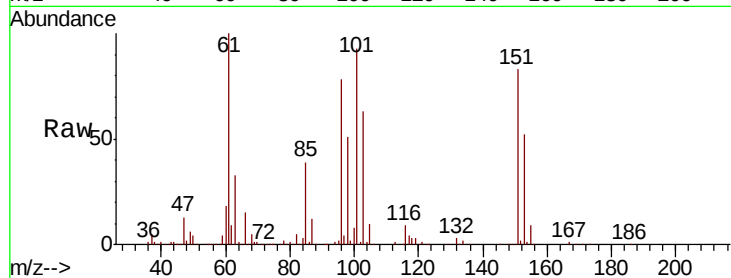
Tot Ion:101 Resp: 132712

Ion Ratio Lower Upper

101 100

85 41.8 35.2 52.8

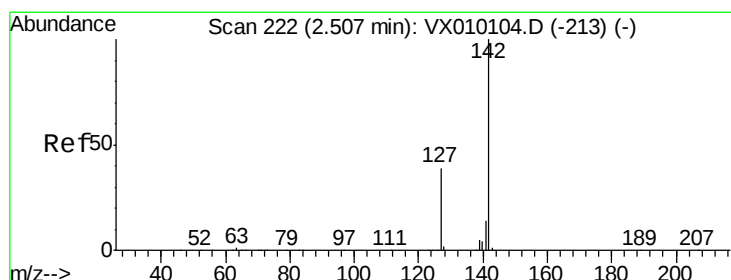
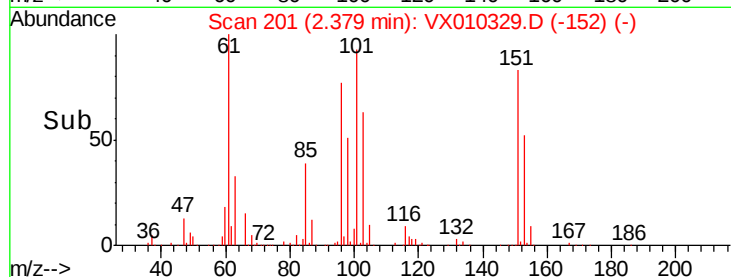
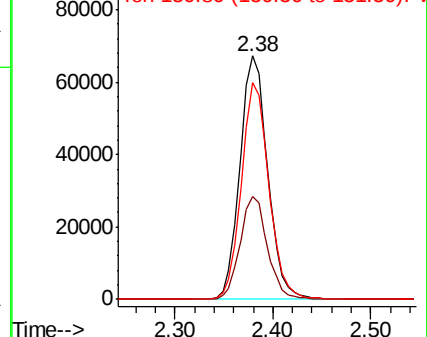
151 88.0 61.9 92.9



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: 43.236 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

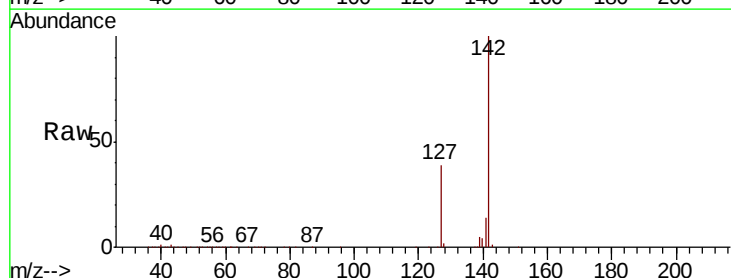
Tgt Ion:142 Resp: 184846

Ion Ratio Lower Upper

142 100

127 39.1 33.0 49.4

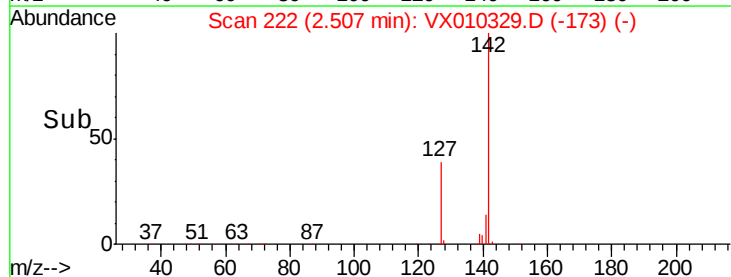
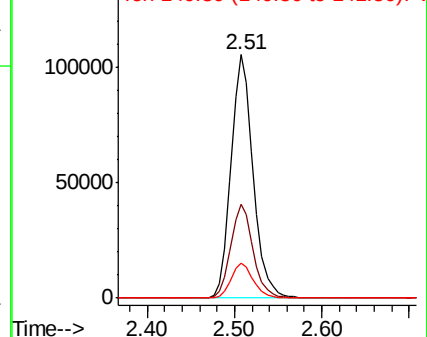
141 14.4 11.4 17.0

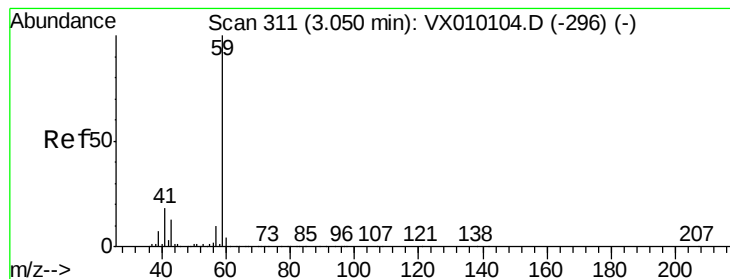


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



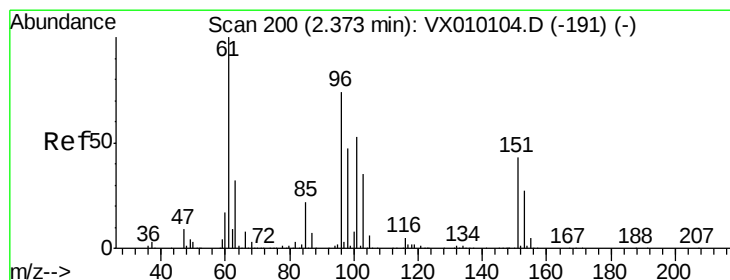
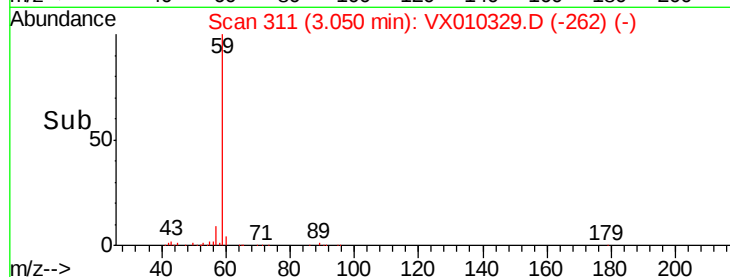
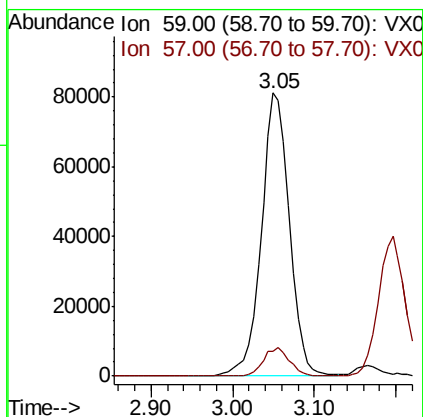
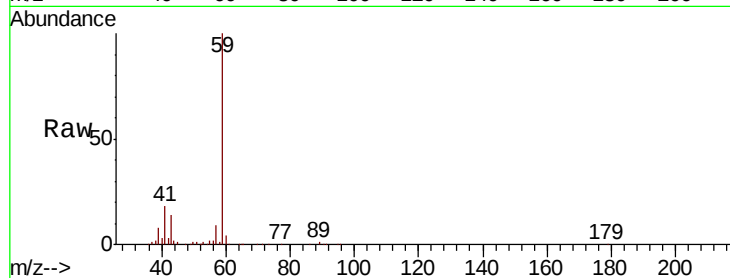


#11

Tert butyl alcohol
Concen: 257.979 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Instrument :
MSVOA_X
ClientSampled :

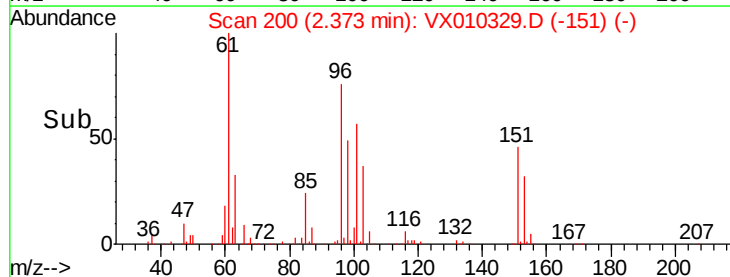
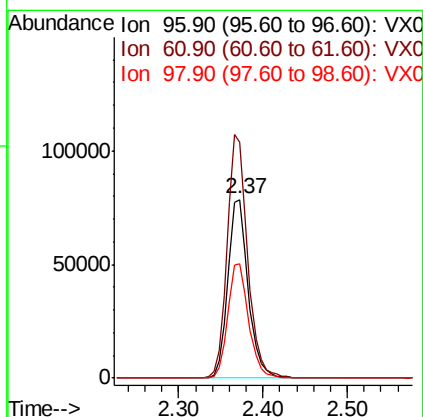
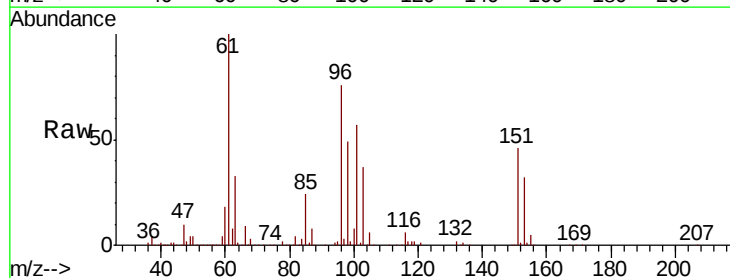
Tot Ion: 59 Resp: 193560
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2

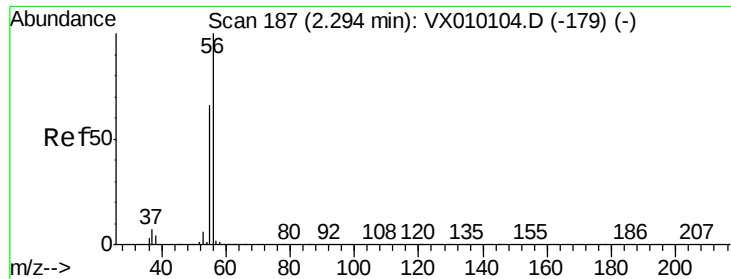


#12

1,1-Dichloroethene
Concen: 46.207 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion: 96 Resp: 130229
Ion Ratio Lower Upper
96 100
61 131.6 140.7 211.1#
98 64.2 50.1 75.1





#13

Acrolein

Concen: 233.157 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

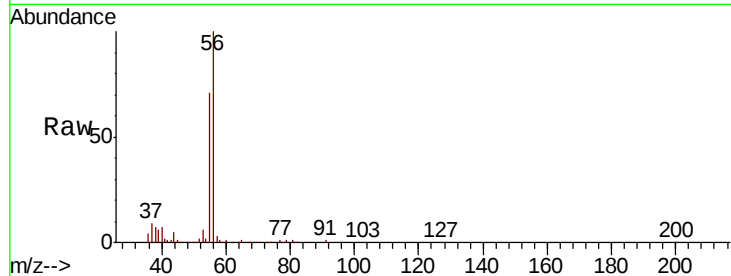
ClientSampleId :

Tot Ion: 56 Resp: 31898

Ion Ratio Lower Upper

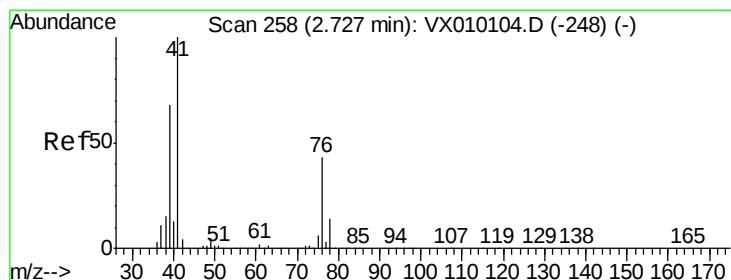
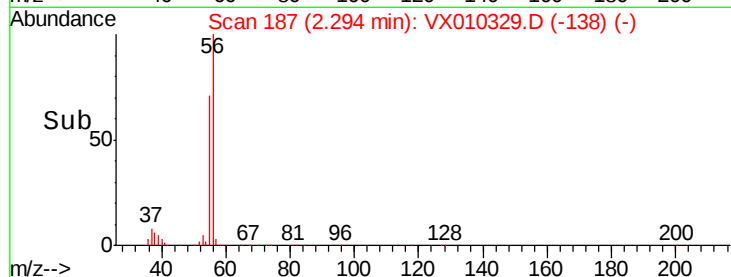
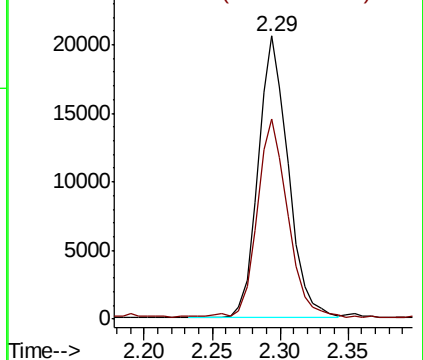
56 100

55 72.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.916 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

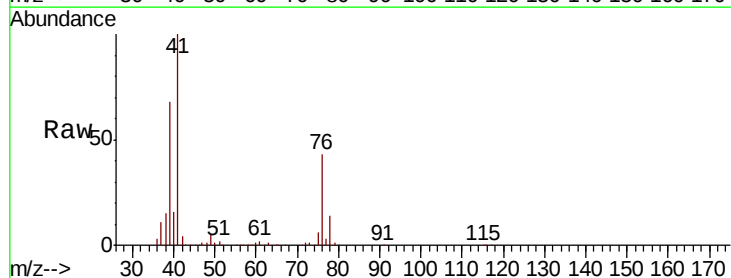
Tgt Ion: 41 Resp: 195339

Ion Ratio Lower Upper

41 100

39 63.1 46.7 70.1

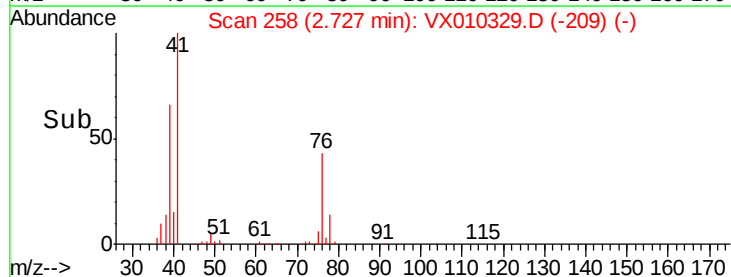
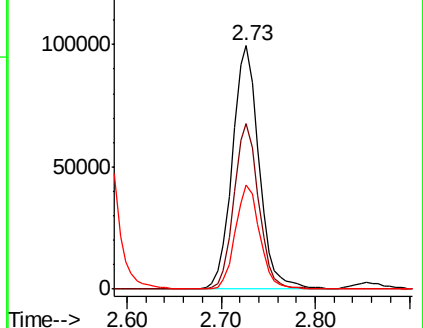
76 39.2 21.0 31.4#

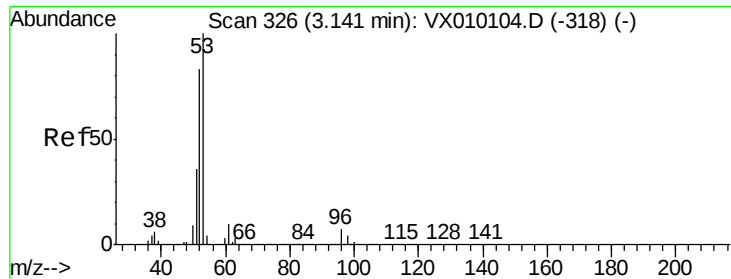


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 250.280 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

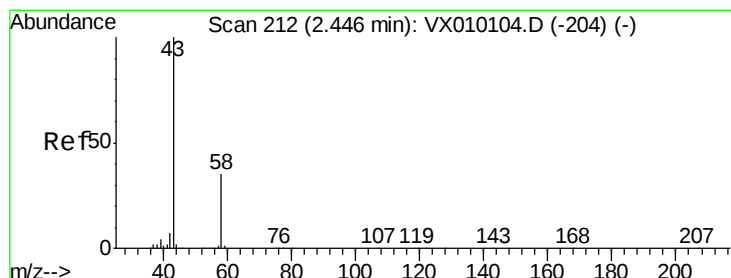
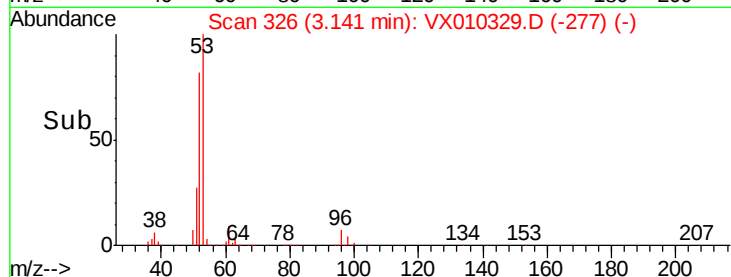
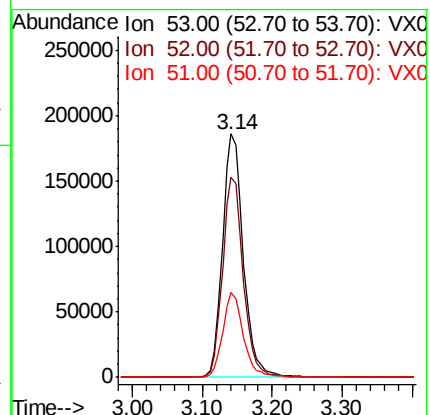
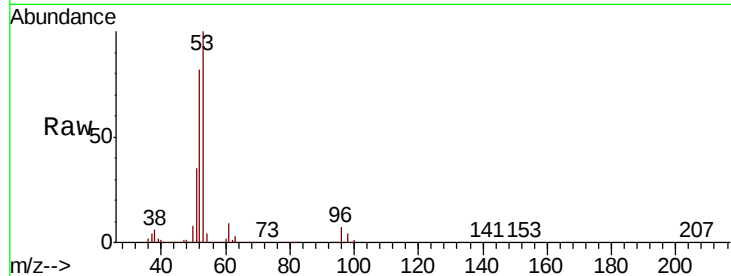
Tot Ion: 53 Resp: 383826

Ion Ratio Lower Upper

53 100

52 82.0 66.7 100.1

51 34.6 28.8 43.2



#16

Acetone

Concen: 252.381 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010329.D

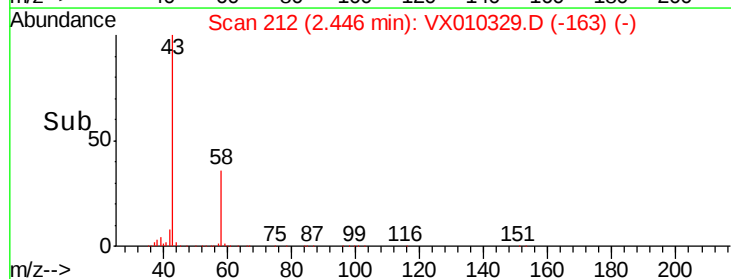
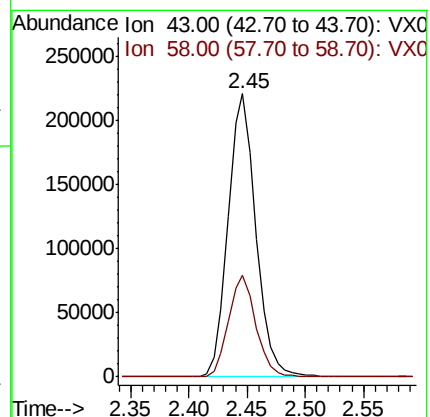
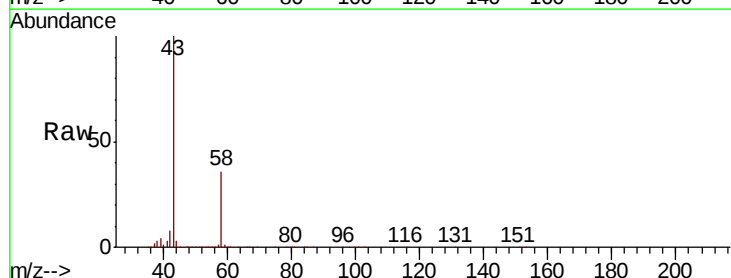
Acq: 17 Jun 2019 17:09

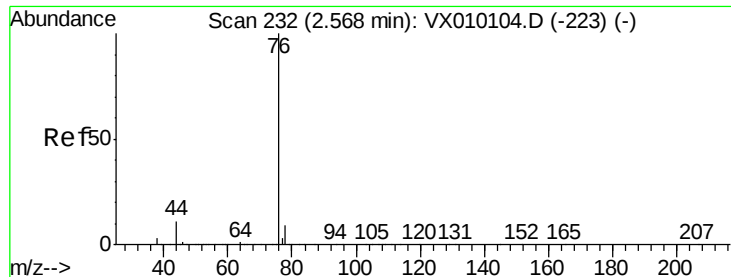
Tgt Ion: 43 Resp: 363566

Ion Ratio Lower Upper

43 100

58 35.9 23.2 34.8#

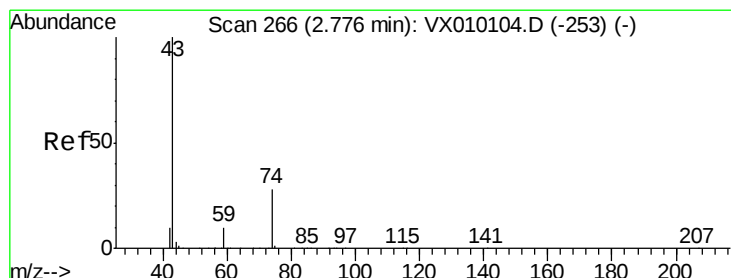
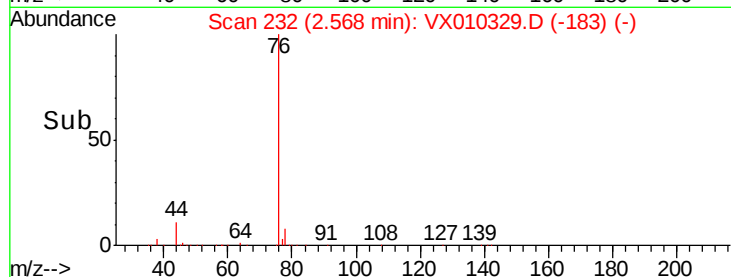
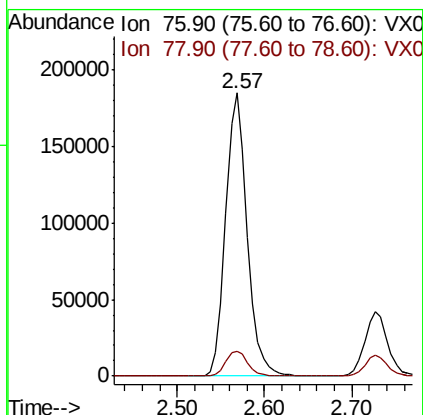
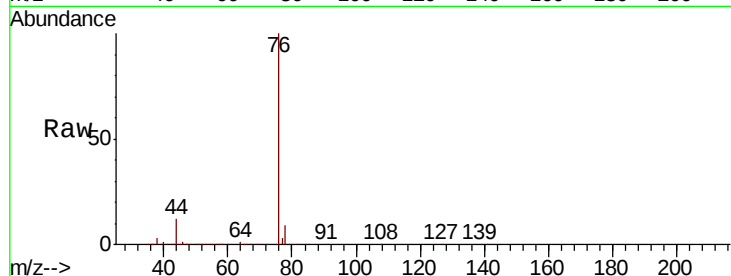




#17
Carbon Disulfide
Concen: 38.605 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

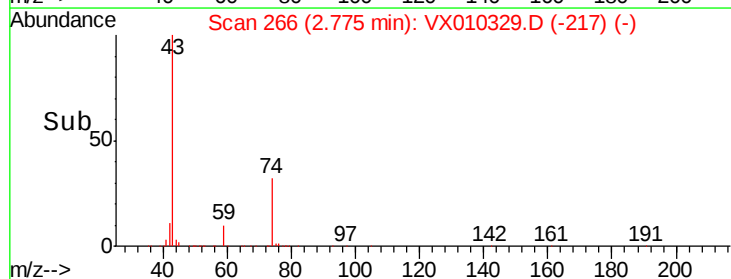
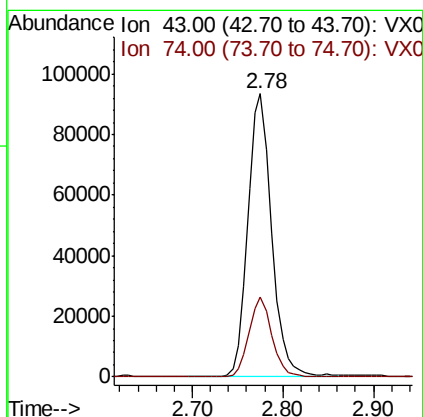
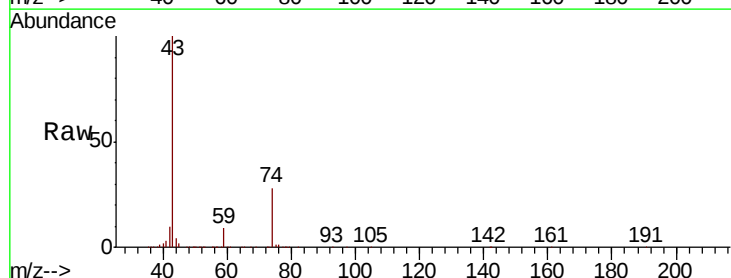
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 314375
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 53.349 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion: 43 Resp: 169012
Ion Ratio Lower Upper
43 100
74 27.6 15.8 23.6#

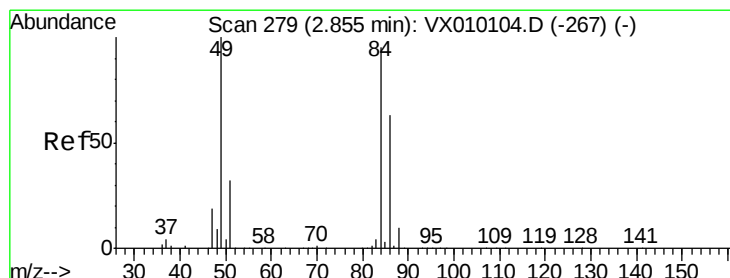
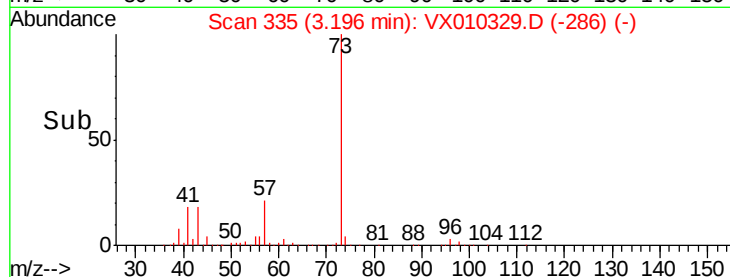
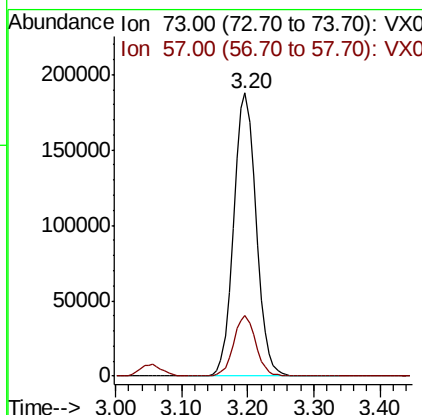
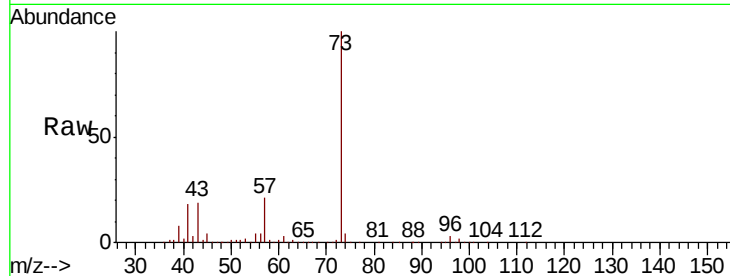




#19
Methyl tert-butyl Ether
Concen: 48.708 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

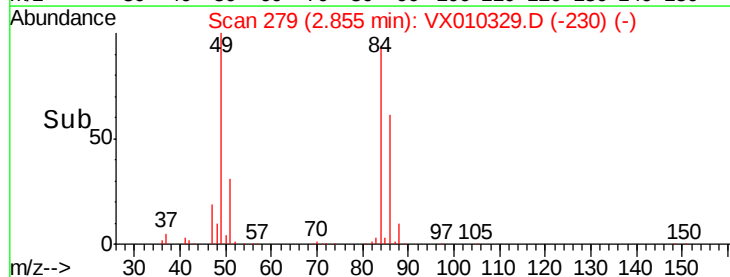
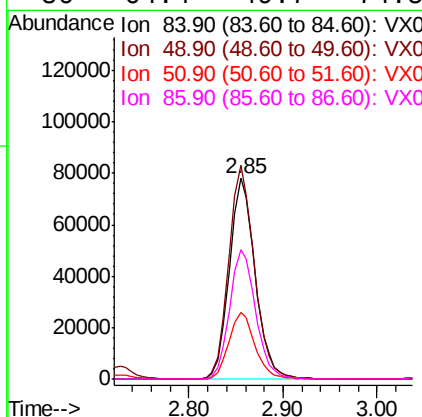
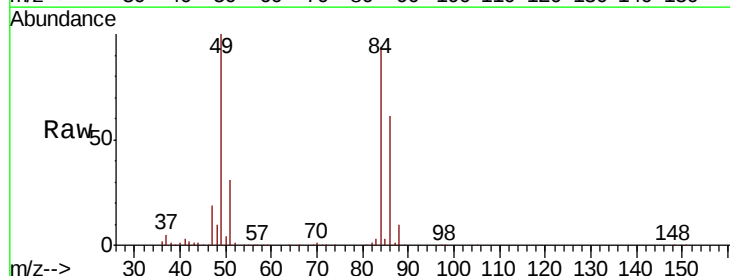
Instrument :
MSVOA_X
ClientSampled :

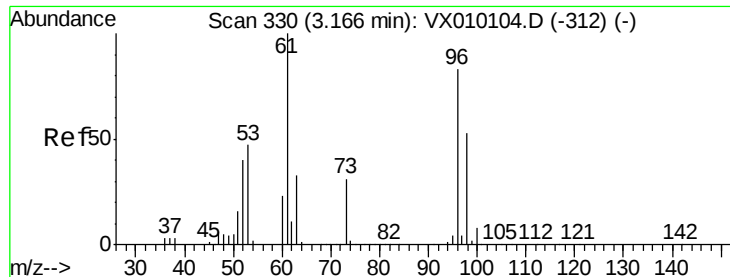
Tot Ion: 73 Resp: 441026
Ion Ratio Lower Upper
73 100
57 21.4 19.4 29.2



#20
Methylene Chloride
Concen: 46.961 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion: 84 Resp: 148568
Ion Ratio Lower Upper
84 100
49 106.2 115.8 173.6#
51 33.1 34.4 51.6#
86 64.4 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 44.390 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

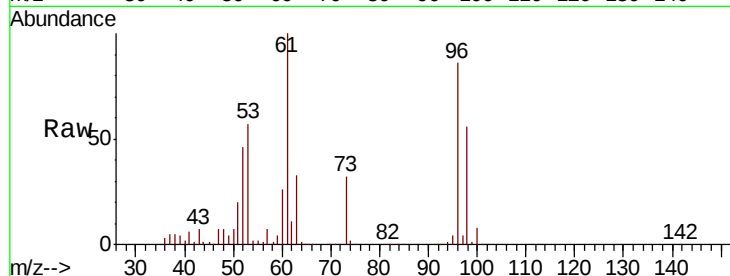
Tot Ion: 96 Resp: 138449

Ion Ratio Lower Upper

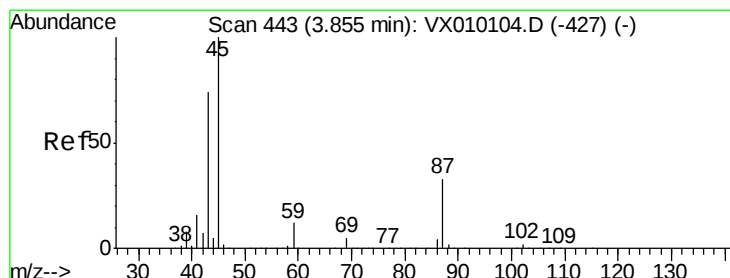
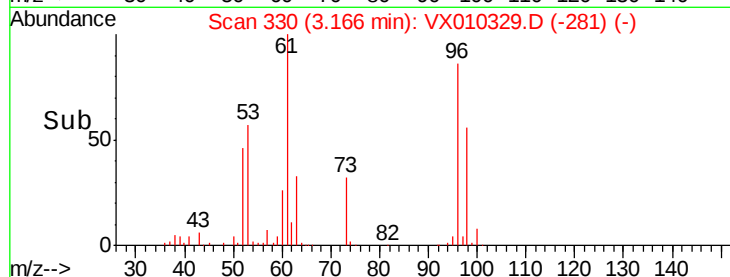
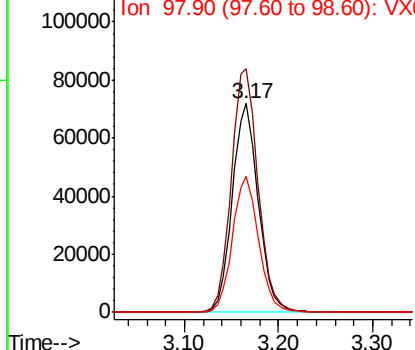
96 100

61 116.6 125.7 188.5#

98 65.4 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: 50.000 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Tgt Ion: 45 Resp: 406689

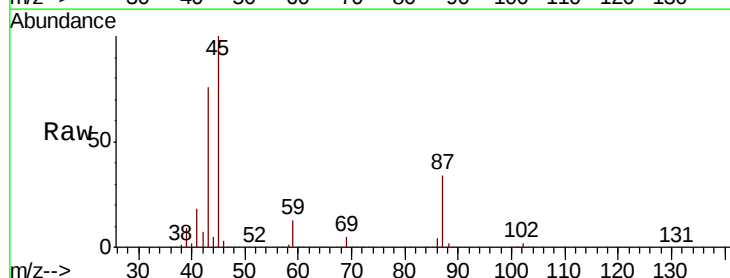
Ion Ratio Lower Upper

45 100

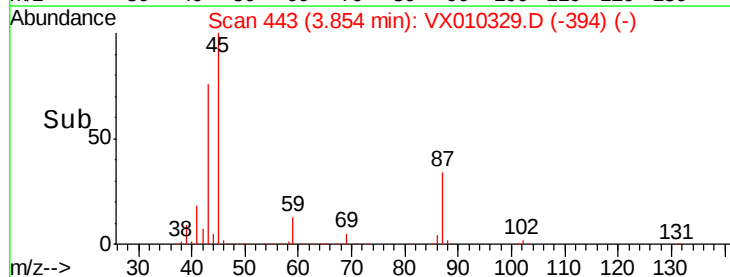
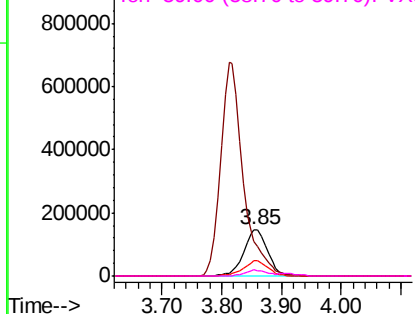
43 75.8 65.0 97.4

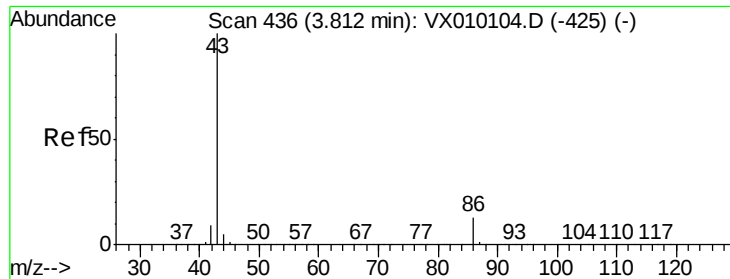
87 33.7 17.3 25.9#

59 13.0 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: 245.214 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

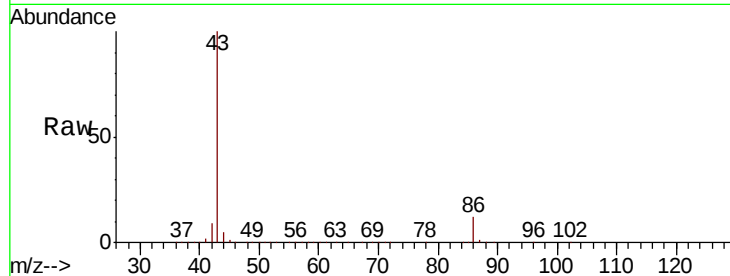
ClientSampleId :

Tot Ion: 43 Resp: 1779332

Ion Ratio Lower Upper

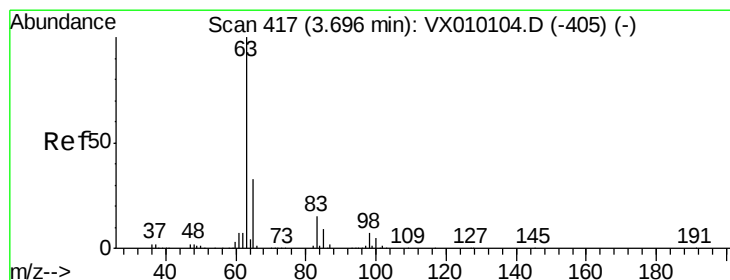
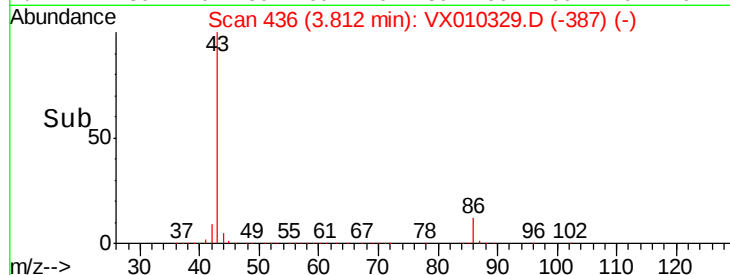
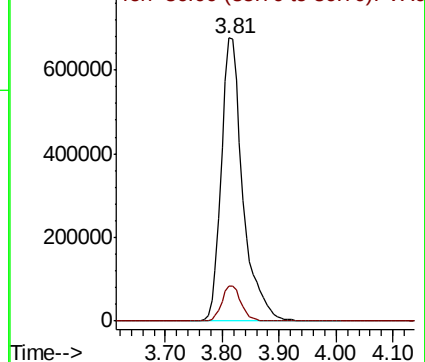
43 100

86 12.5 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: 47.740 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

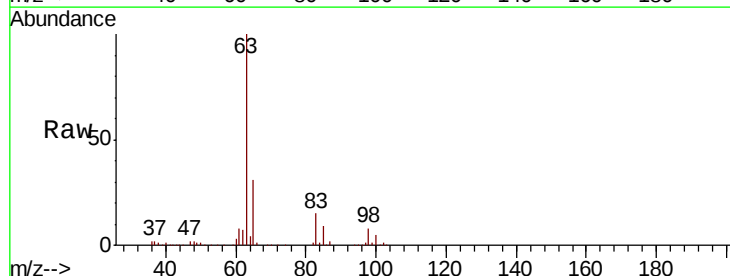
Tgt Ion: 63 Resp: 235765

Ion Ratio Lower Upper

63 100

98 7.7 2.9 8.8

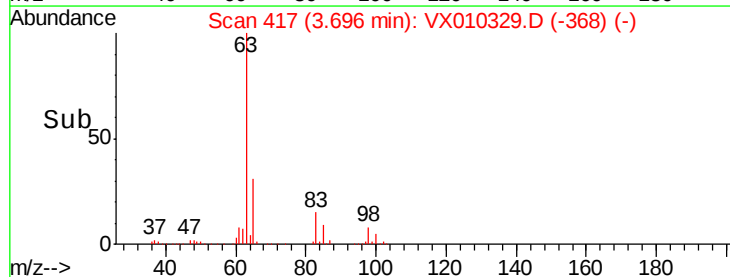
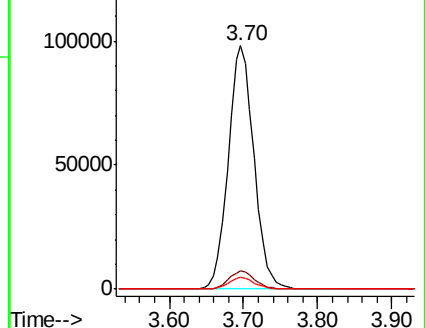
100 5.0 1.8 5.4



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: 256.909 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

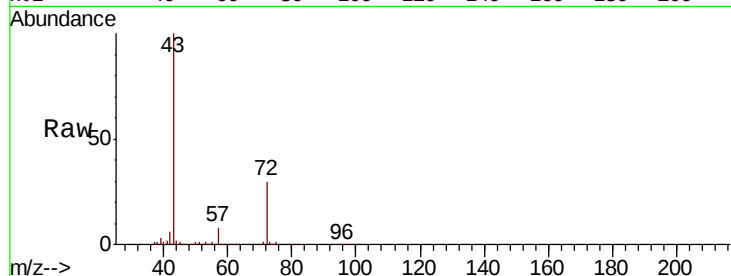
ClientSampled :

Tot Ion: 43 Resp: 551096

Ion Ratio Lower Upper

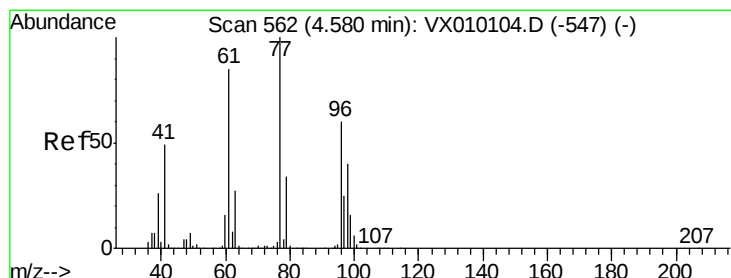
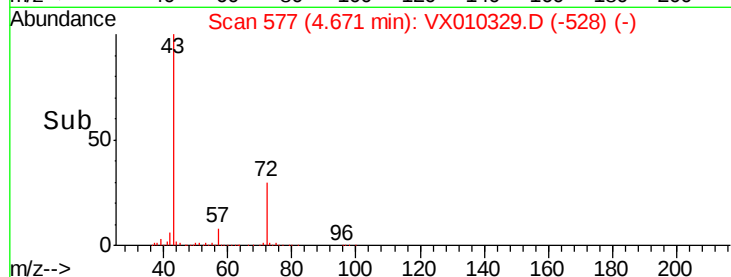
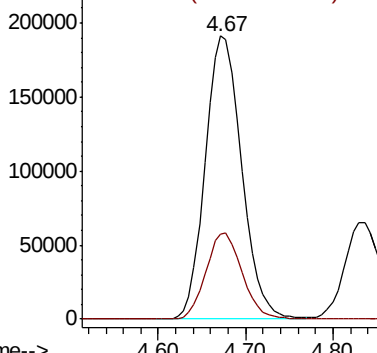
43 100

72 30.2 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.153 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010329.D

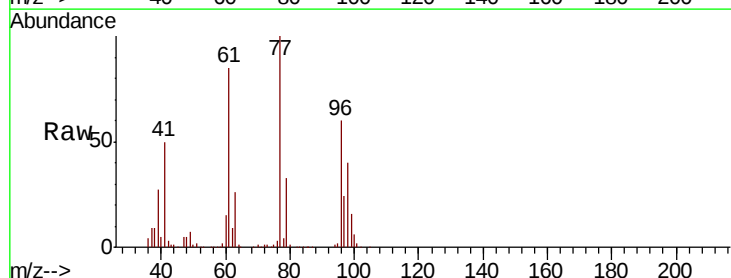
Acq: 17 Jun 2019 17:09

Tgt Ion: 77 Resp: 212441

Ion Ratio Lower Upper

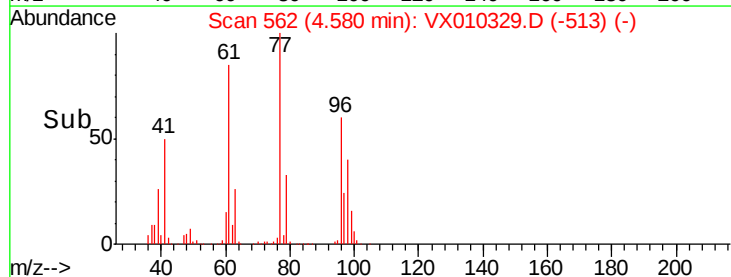
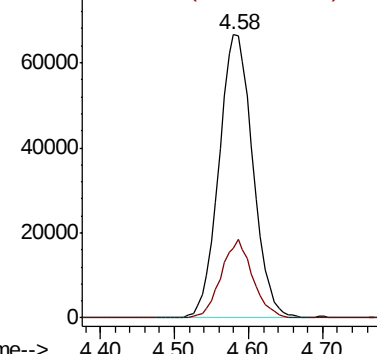
77 100

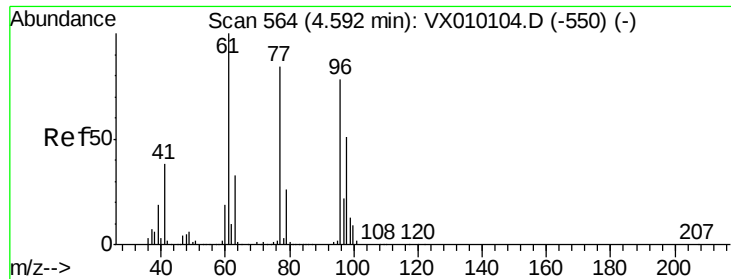
97 25.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



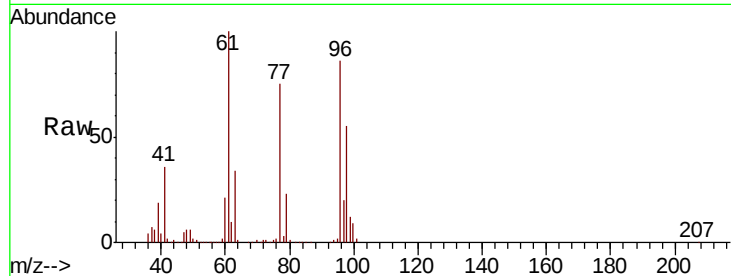


#27

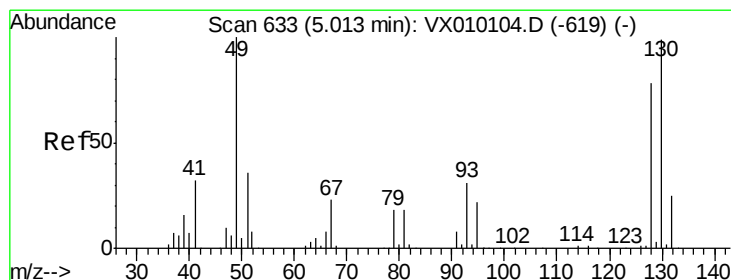
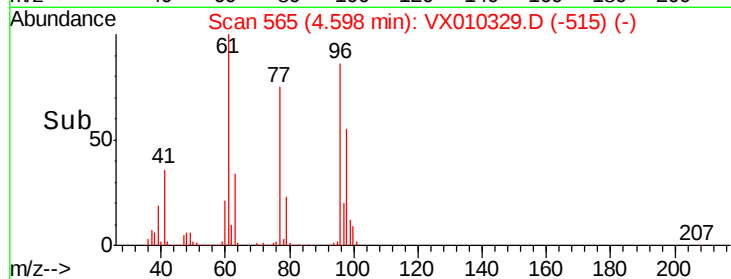
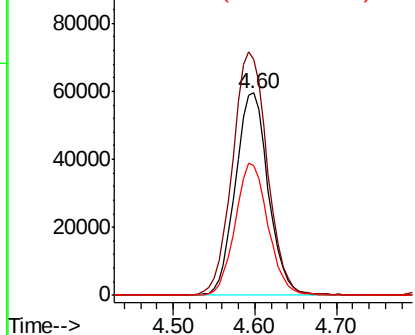
cis-1,2-Dichloroethene
Concen: 48.092 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	96	Resp	166867
Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	334.0
98	65.2	0.0	131.6



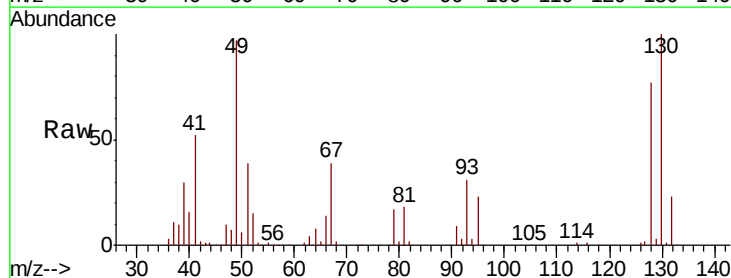
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



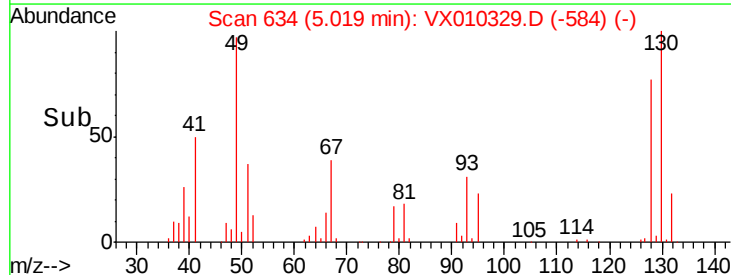
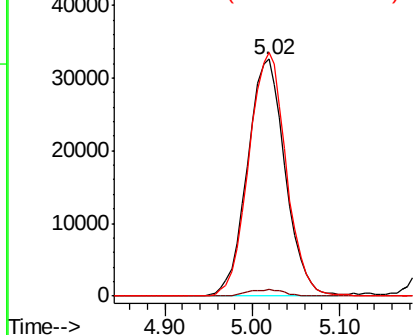
#28

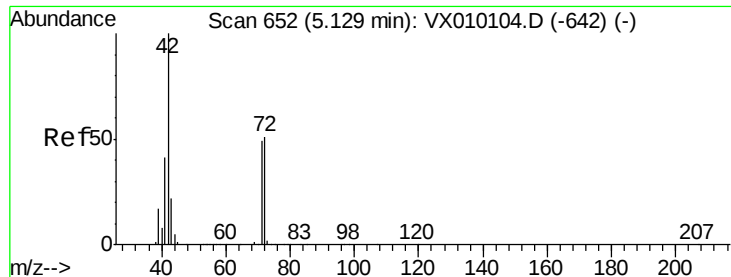
Bromochloromethane
Concen: 44.326 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion	49	Resp	98107
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	3.4
130	101.8	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: 246.308 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampled :

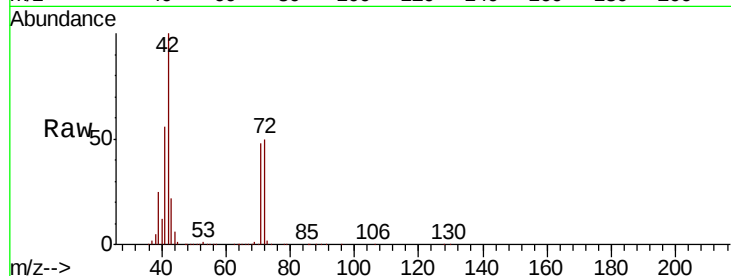
Tot Ion: 42 Resp: 332049

Ion Ratio Lower Upper

42 100

72 51.1 29.2 43.8#

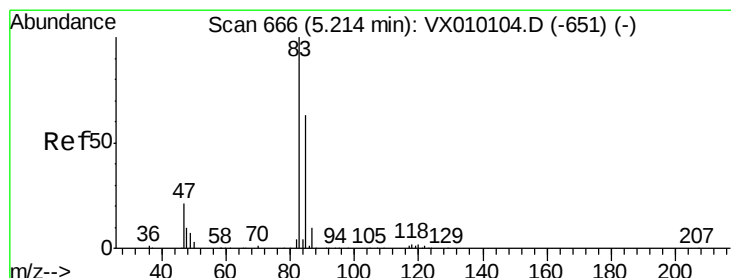
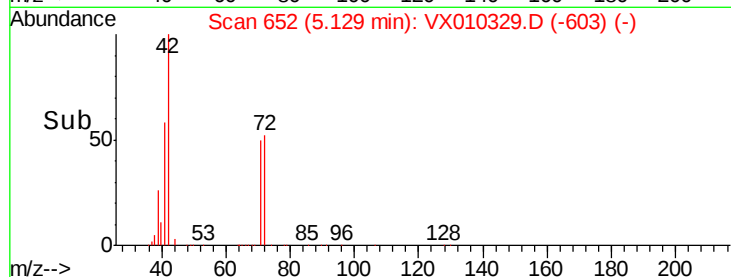
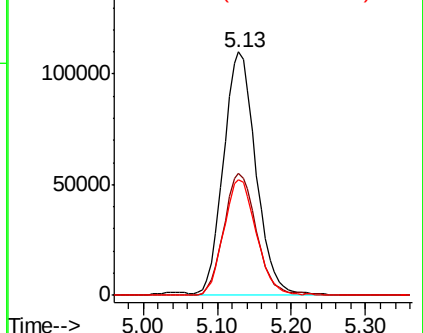
71 48.2 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.929 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010329.D

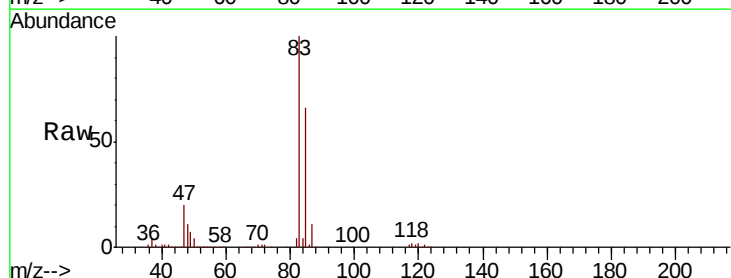
Acq: 17 Jun 2019 17:09

Tgt Ion: 83 Resp: 250950

Ion Ratio Lower Upper

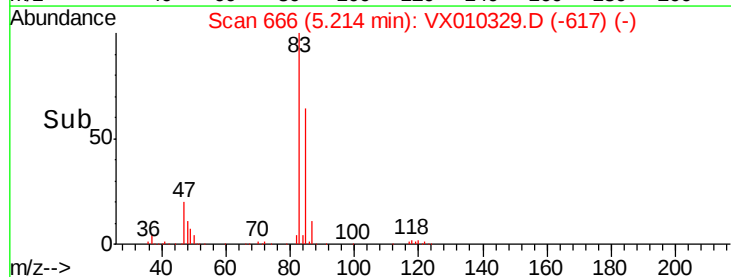
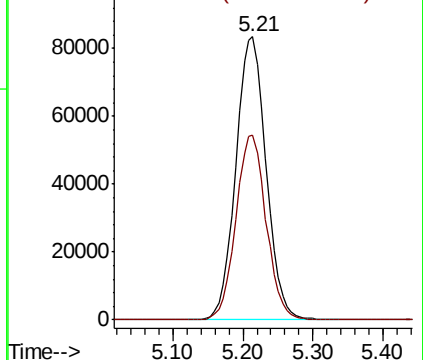
83 100

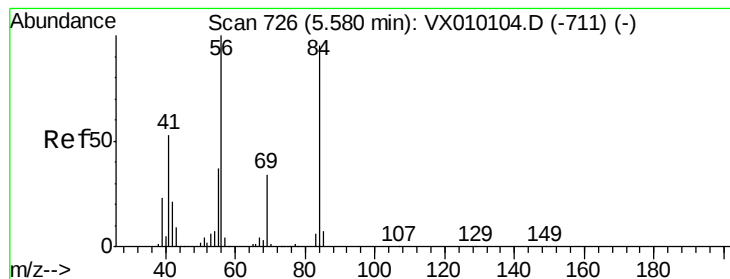
85 65.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.937 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

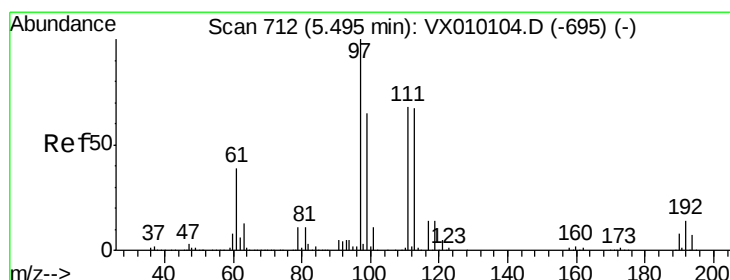
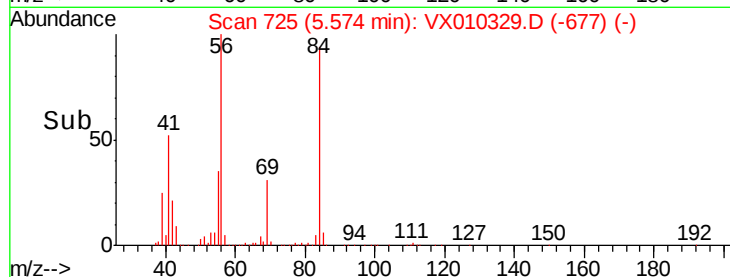
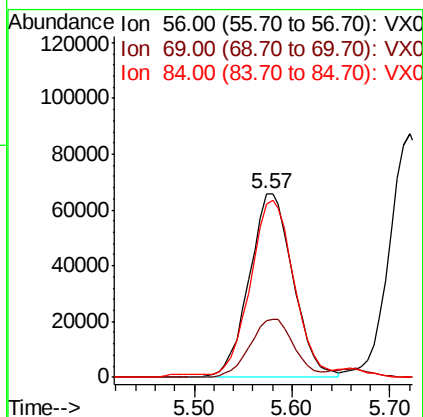
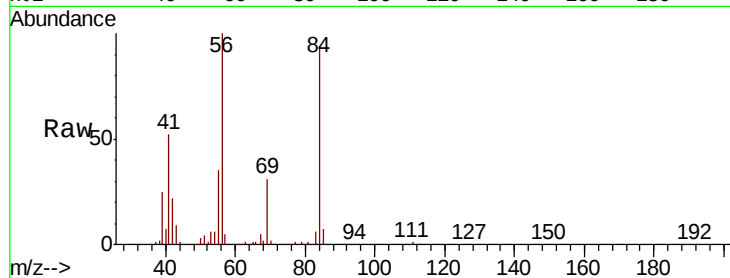
Tot Ion: 56 Resp: 204744

Ion Ratio Lower Upper

56 100

69 30.9 21.6 32.4

84 92.4 56.8 85.2#



#32

1,1,1-Trichloroethane

Concen: 46.610 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

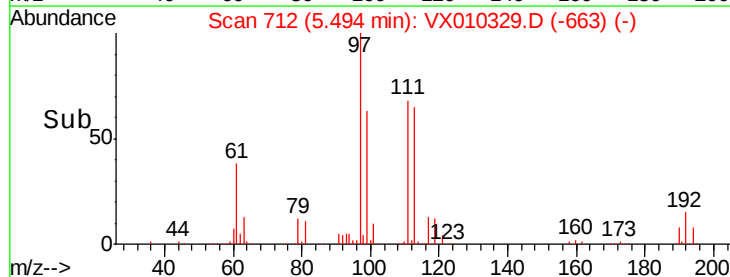
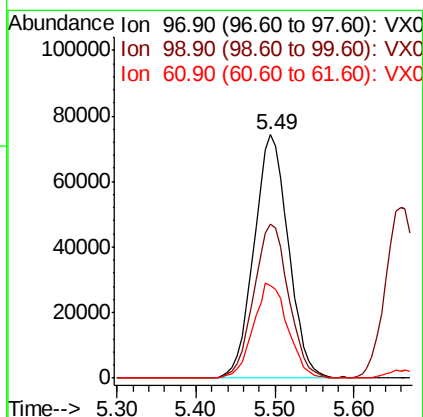
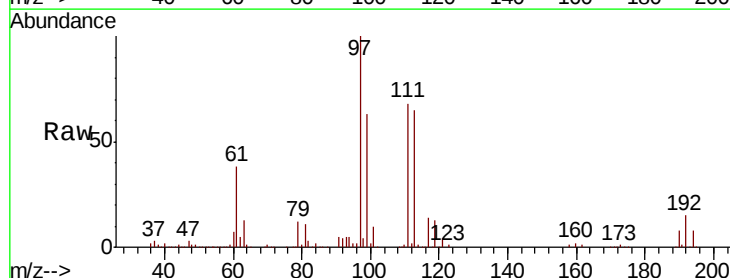
Tgt Ion: 97 Resp: 224737

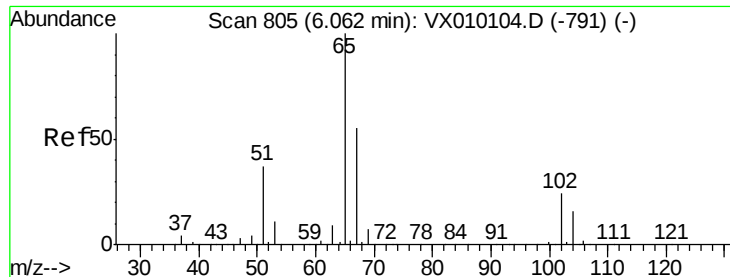
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 39.0 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 47.247 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

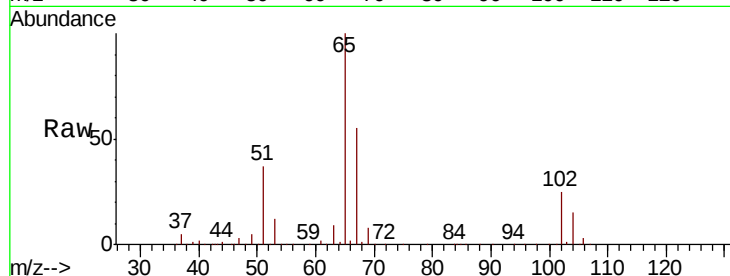
ClientSampleId :

Tot Ion: 65 Resp: 144707

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

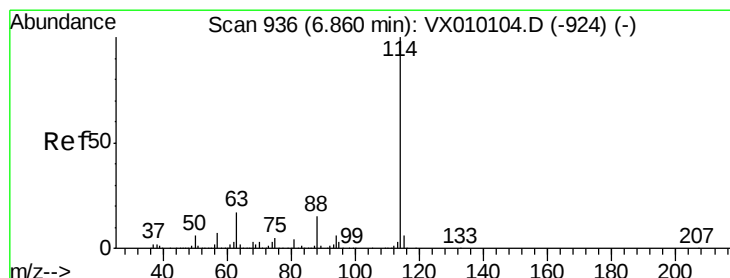
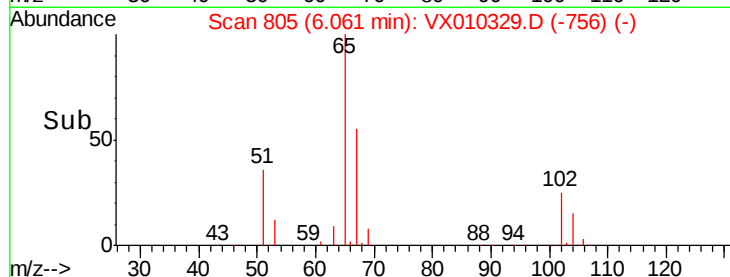
30000

20000

10000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

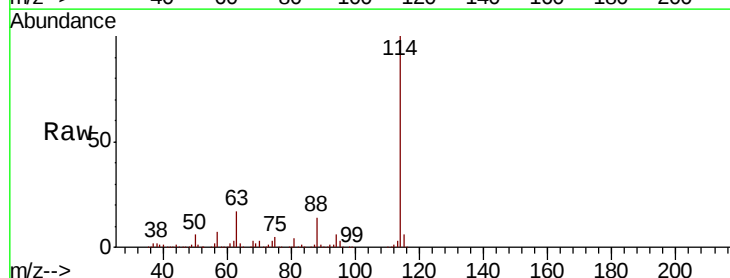
Tgt Ion: 114 Resp: 466684

Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

88 14.4 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

250000

200000

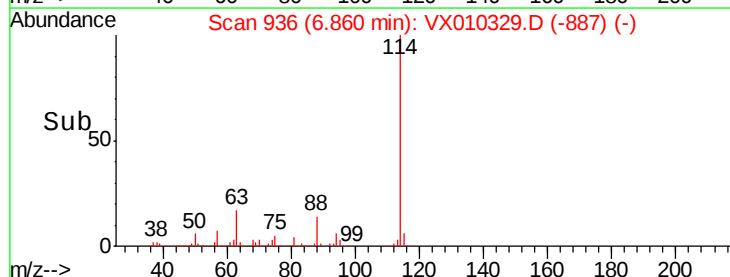
150000

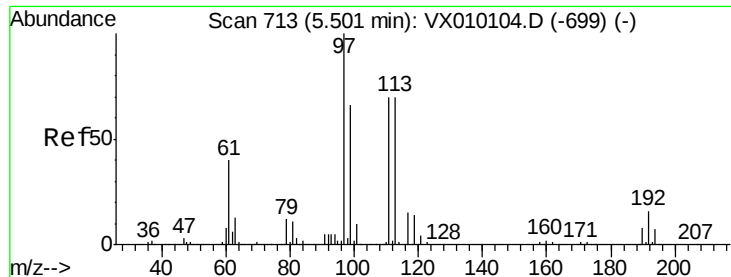
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

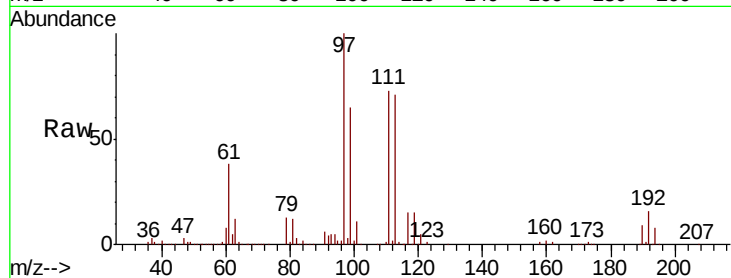




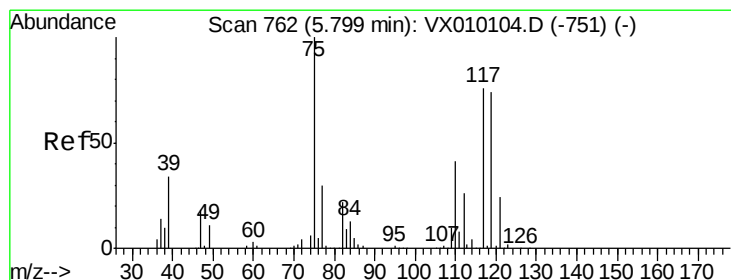
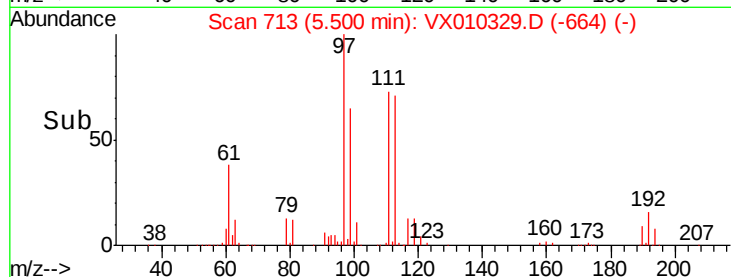
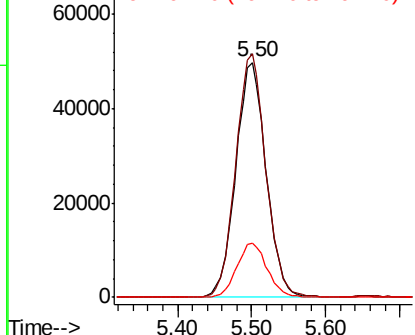
#35
Dibromofluoromethane
Concen: 49.422 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 142267
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 23.1 17.1 25.7

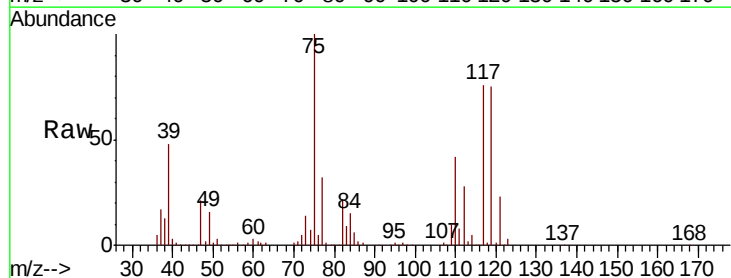


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

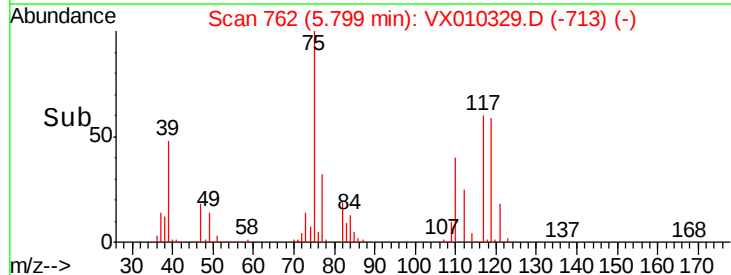
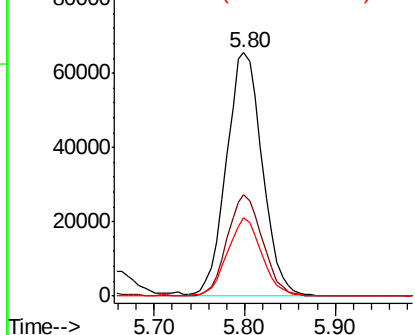


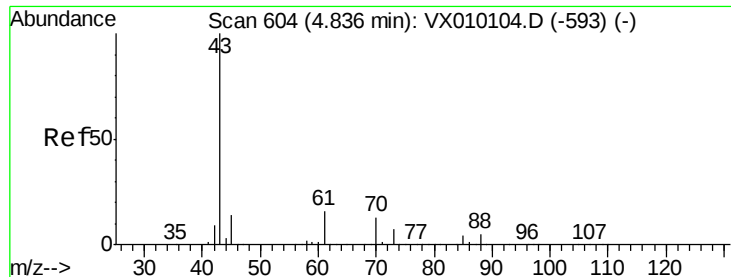
#36
1,1-Dichloropropene
Concen: 47.031 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion: 75 Resp: 179067
Ion Ratio Lower Upper
75 100
110 41.2 16.7 50.1
77 30.6 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: 48.597 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampled :

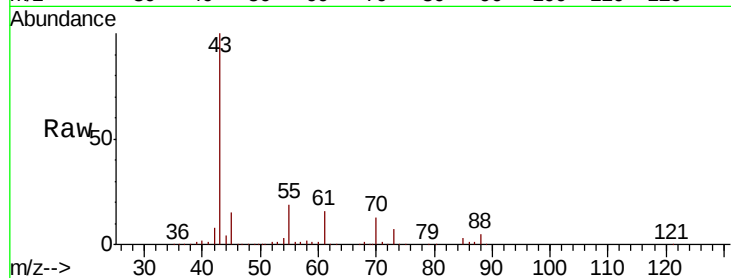
Tot Ion: 43 Resp: 192517

Ion Ratio Lower Upper

43 100

61 16.0 10.2 15.2#

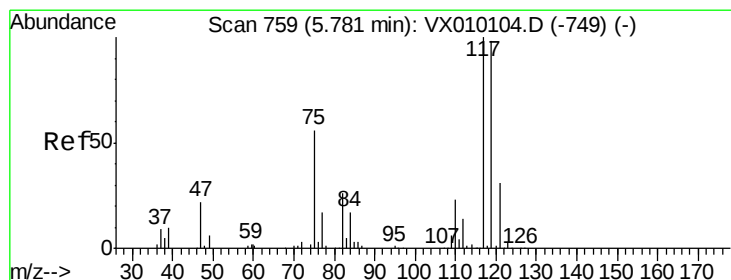
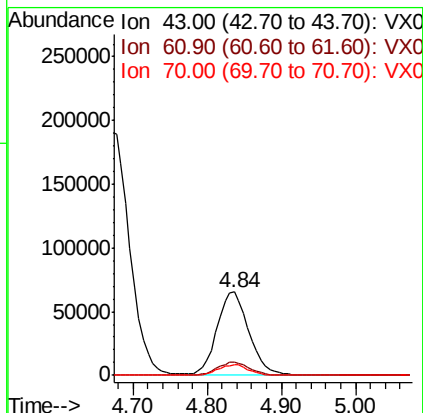
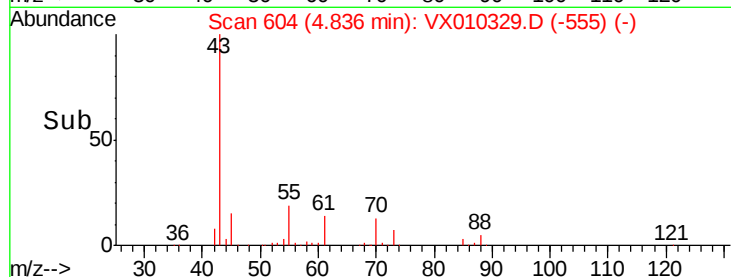
70 12.4 7.4 11.2#



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: 47.095 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

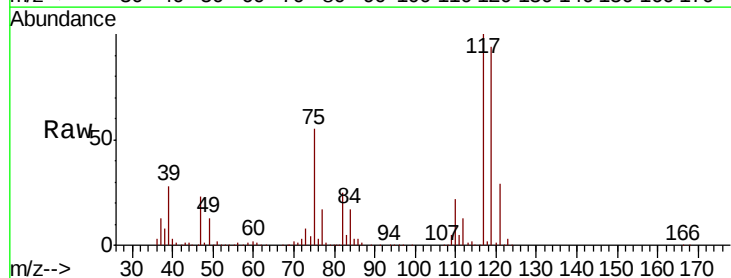
Tgt Ion: 117 Resp: 202958

Ion Ratio Lower Upper

117 100

119 93.8 77.3 115.9

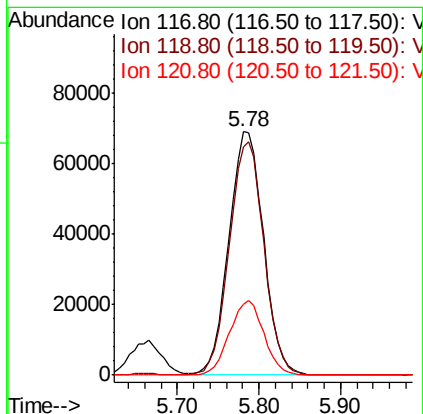
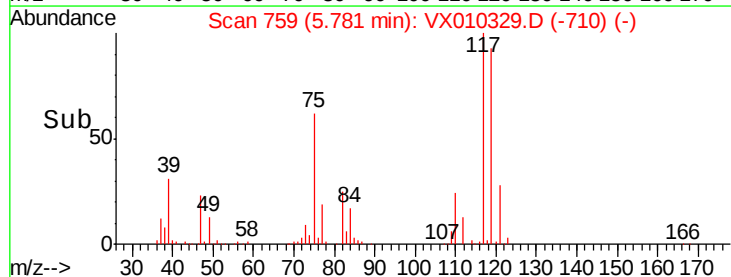
121 29.0 25.4 38.0

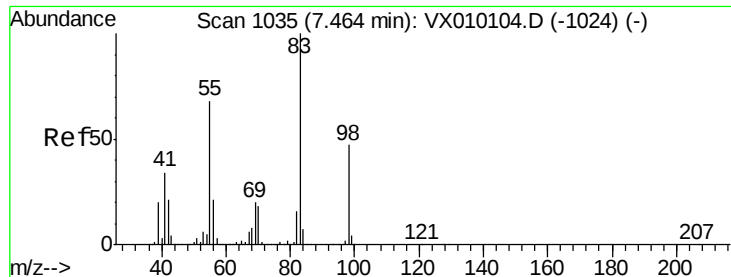


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

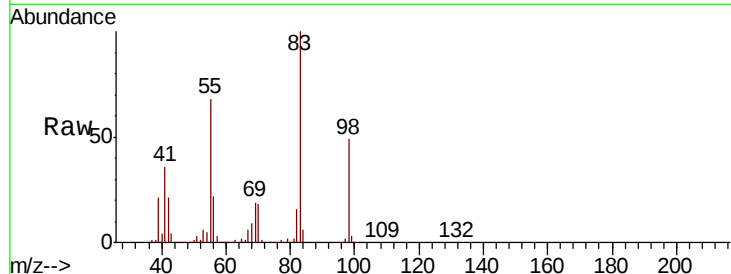




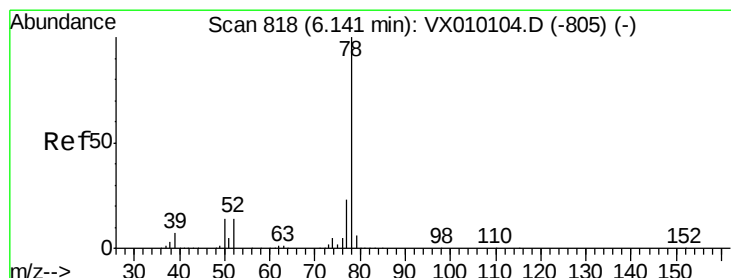
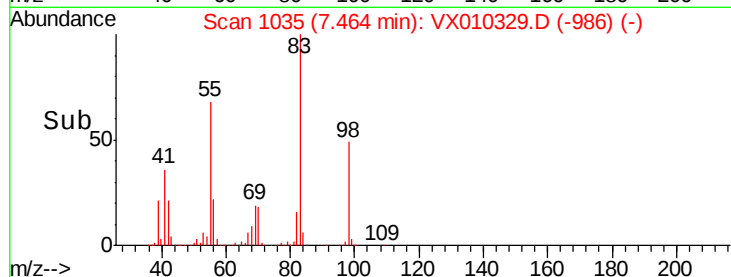
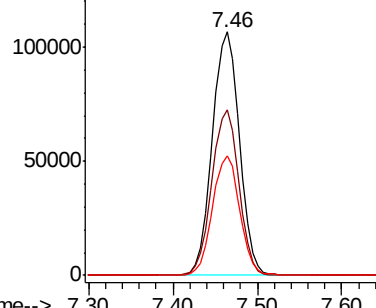
#39
Methylvlcyclohexane
Concen: 44.766 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.0	69.9	104.9#
98	49.1	35.1	52.7

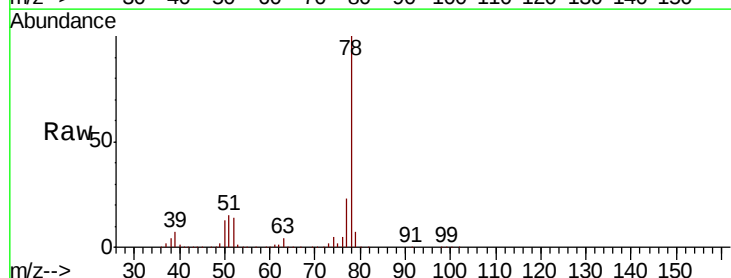


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

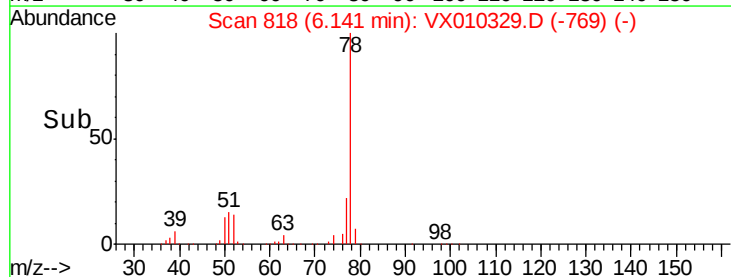
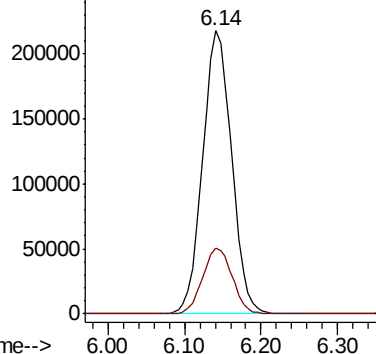


#40
Benzene
Concen: 48.433 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	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: 49.913 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 106960

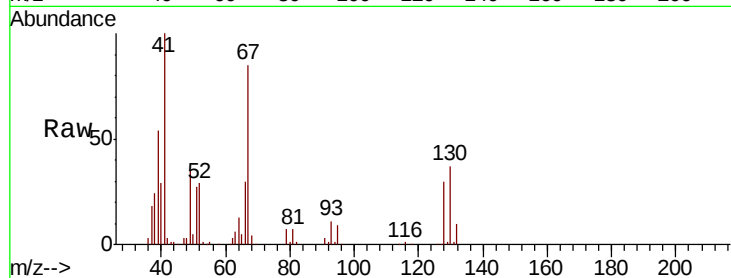
Ion Ratio Lower Upper

41 100

39 54.6 42.2 63.4

67 84.1 48.9 73.3#

52 31.0 20.1 30.1#

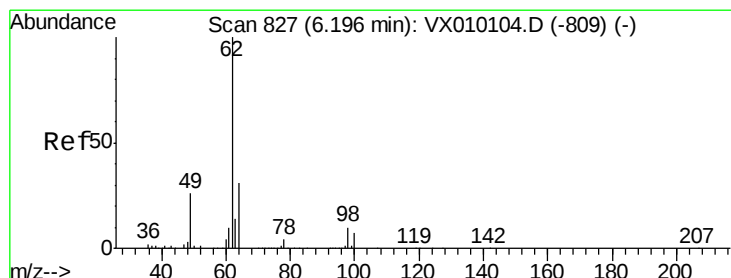
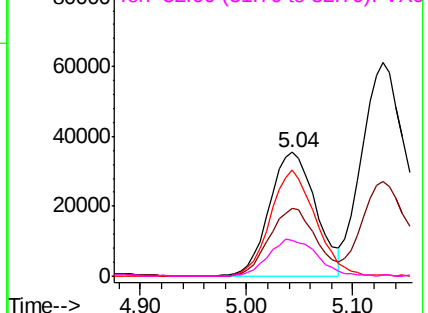
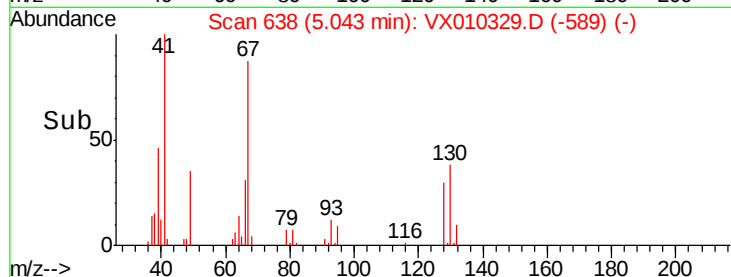


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.199 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010329.D

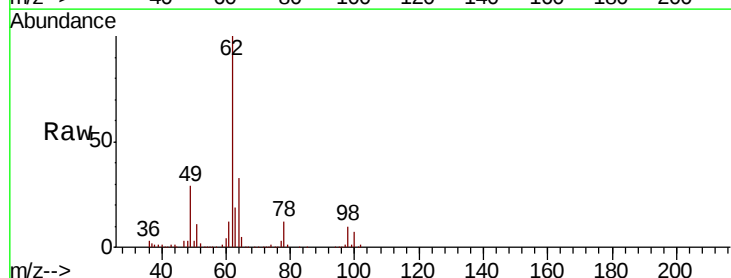
Acq: 17 Jun 2019 17:09

Tgt Ion: 62 Resp: 181163

Ion Ratio Lower Upper

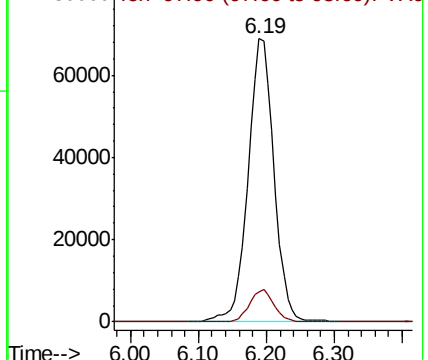
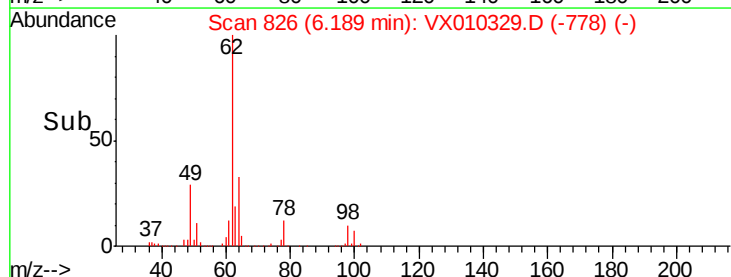
62 100

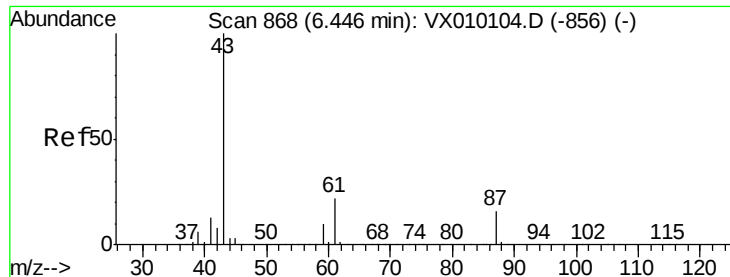
98 10.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



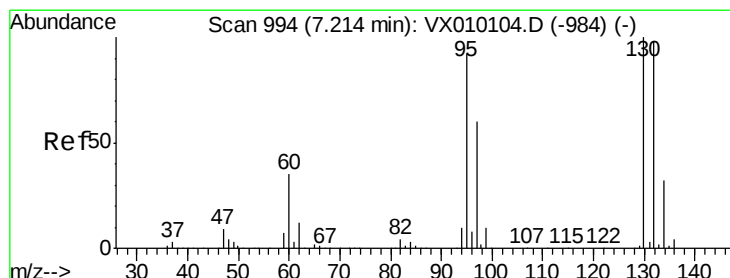
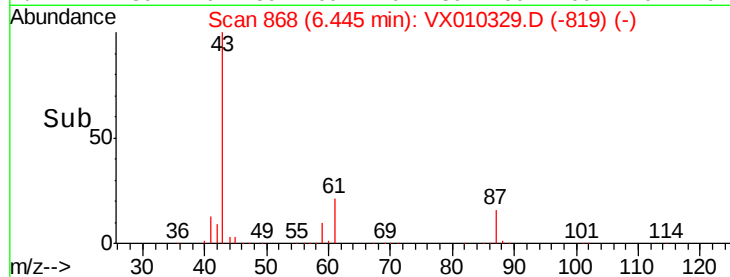
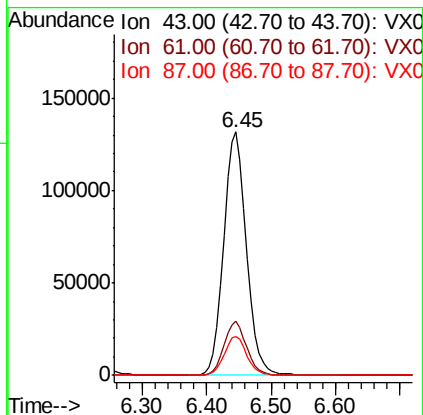
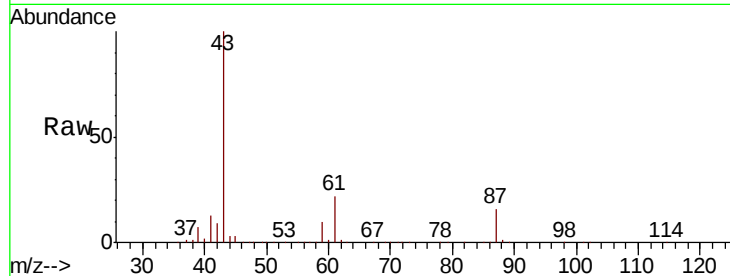


#43

Isopropyl Acetate
 Concen: 49.291 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010329.D
 Acq: 17 Jun 2019 17:09

Instrument :
 MSVOA_X
 ClientSampleId :

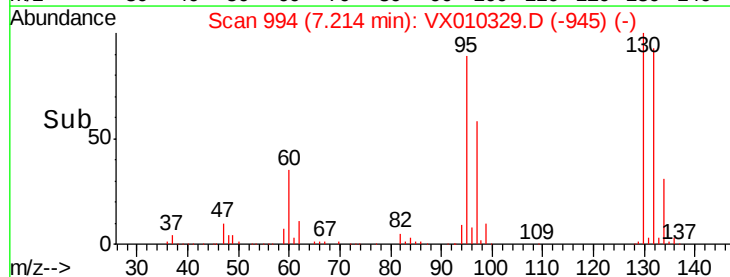
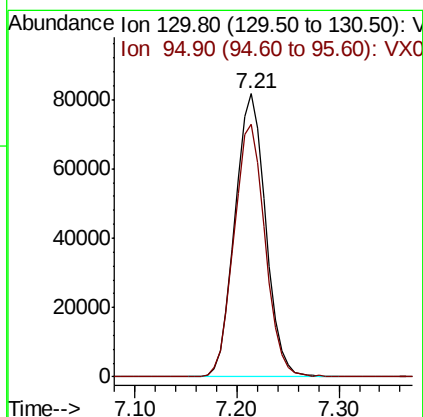
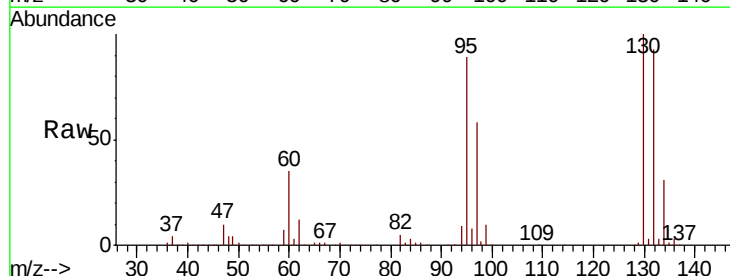
Tot Ion: 43 Resp: 326485
 Ion Ratio Lower Upper
 43 100
 61 22.2 14.6 21.8#
 87 16.0 8.7 13.1#

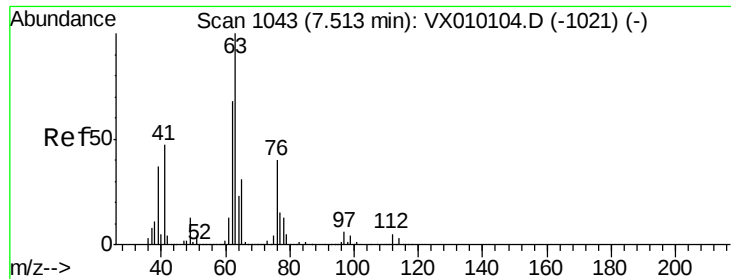


#44

Trichloroethene
 Concen: 48.063 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010329.D
 Acq: 17 Jun 2019 17:09

Tgt Ion:130 Resp: 170568
 Ion Ratio Lower Upper
 130 100
 95 89.1 0.0 207.4

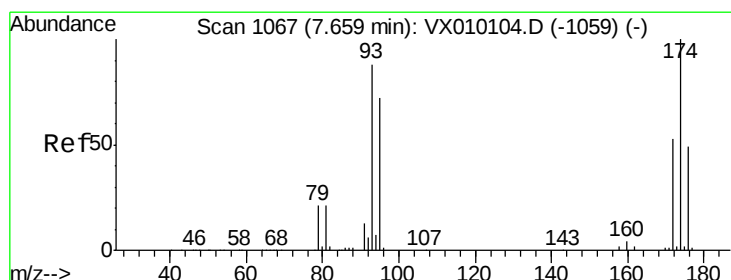
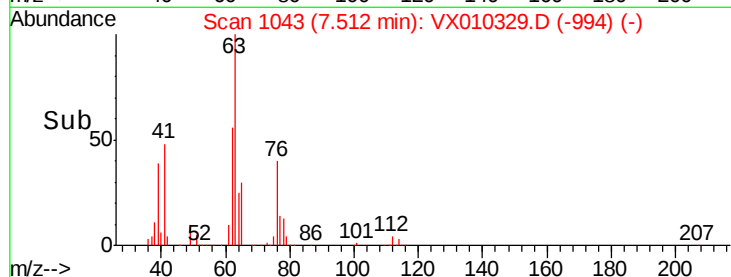
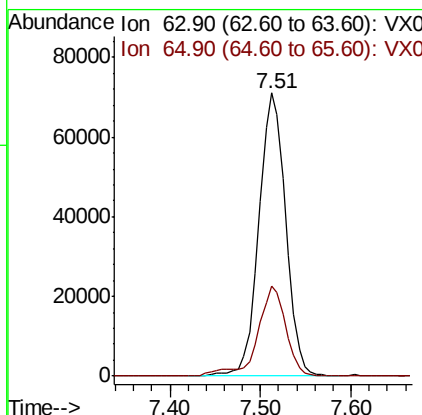
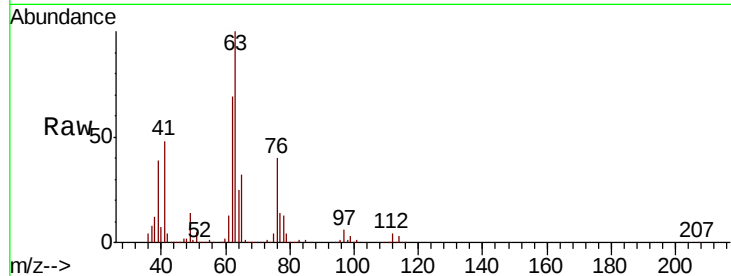




#45
 1,2-Dichloropropane
 Concen: 49.384 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010329.D
 Acq: 17 Jun 2019 17:09

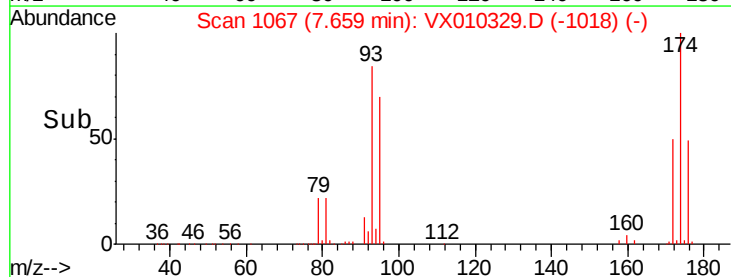
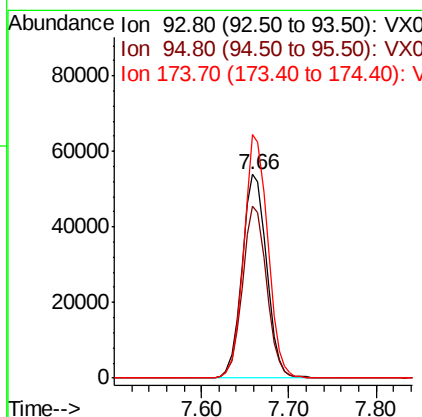
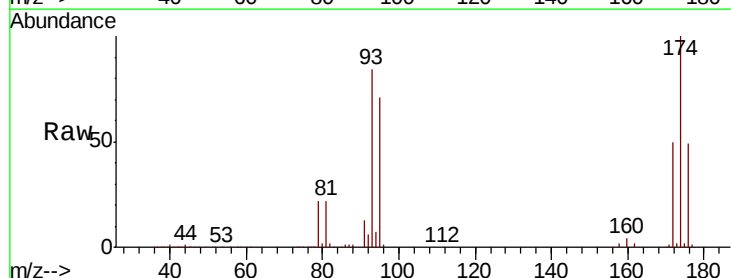
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 63 Resp: 145522
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.7 38.5



#46
 Dibromomethane
 Concen: 47.628 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010329.D
 Acq: 17 Jun 2019 17:09

Tgt Ion: 93 Resp: 105145
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 116.9 81.9 122.9





#47

Bromodichloromethane

Concen: 48.275 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampled :

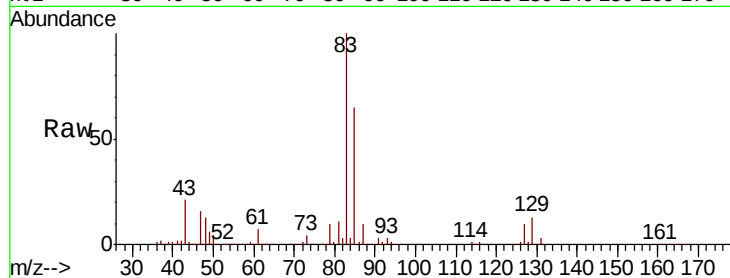
Tot Ion: 83 Resp: 199144

Ion Ratio Lower Upper

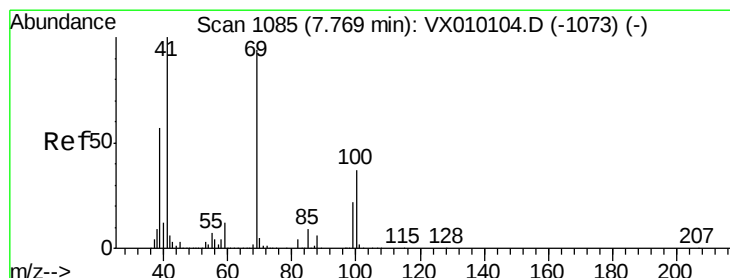
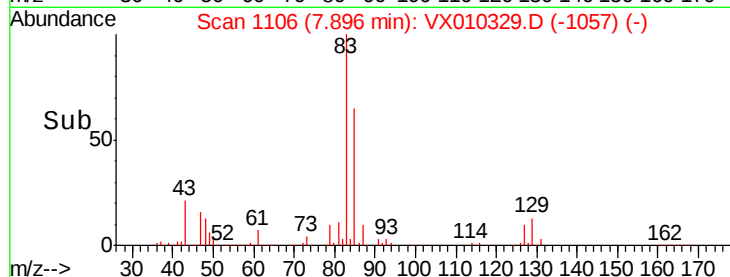
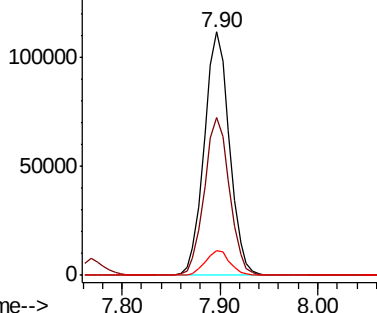
83 100

85 64.9 51.4 77.2

127 10.0 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: 49.979 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

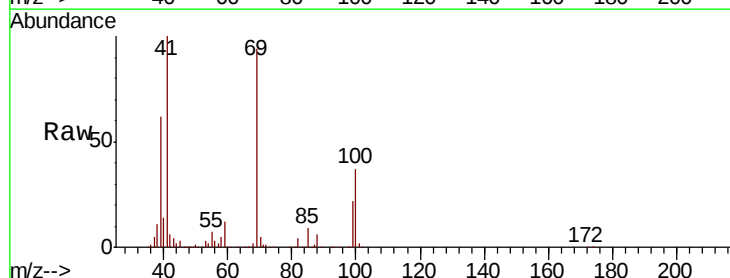
Tgt Ion: 41 Resp: 154818

Ion Ratio Lower Upper

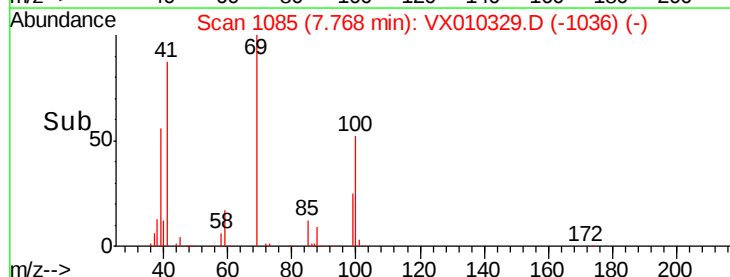
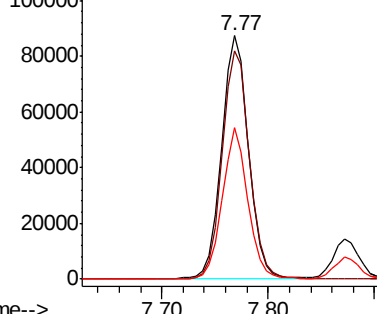
41 100

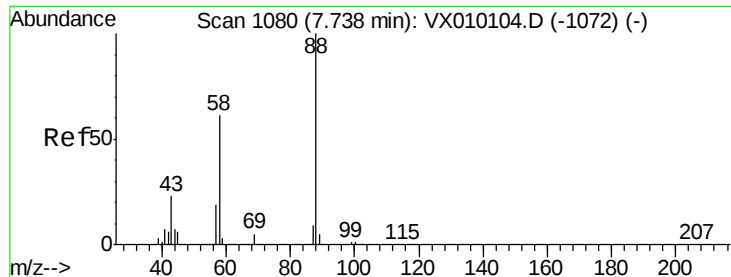
69 95.7 56.4 84.6#

39 58.7 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: 1010.275 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

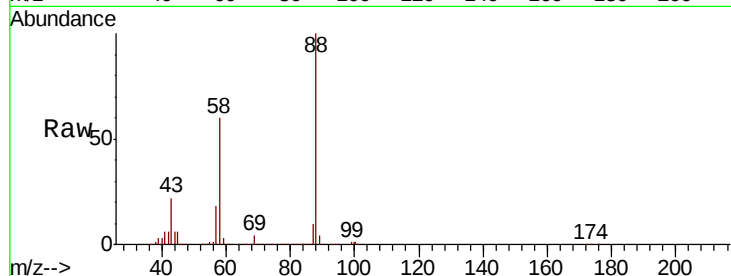
Tot Ion: 88 Resp: 89226

Ion Ratio Lower Upper

88 100

43 25.4 30.2 45.4#

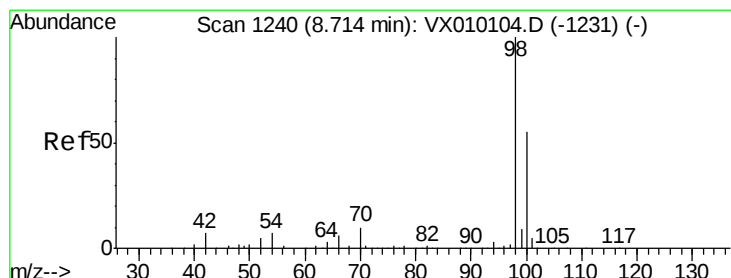
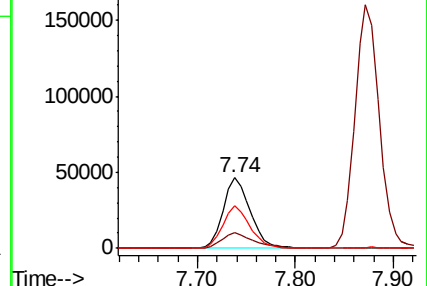
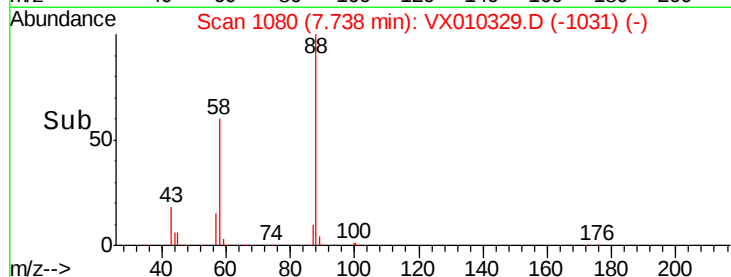
58 60.7 64.0 96.0#



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: 49.450 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010329.D

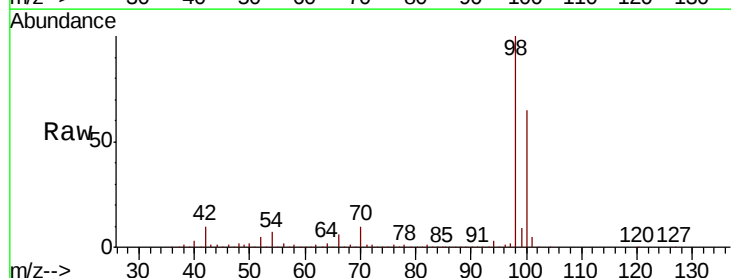
Acq: 17 Jun 2019 17:09

Tgt Ion: 98 Resp: 533499

Ion Ratio Lower Upper

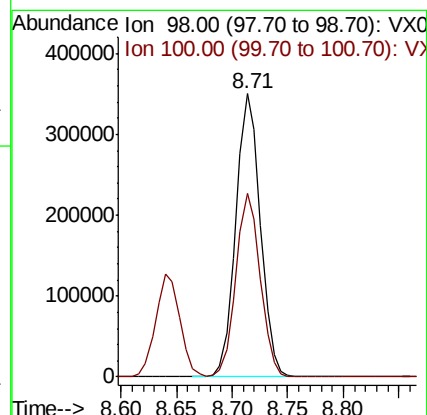
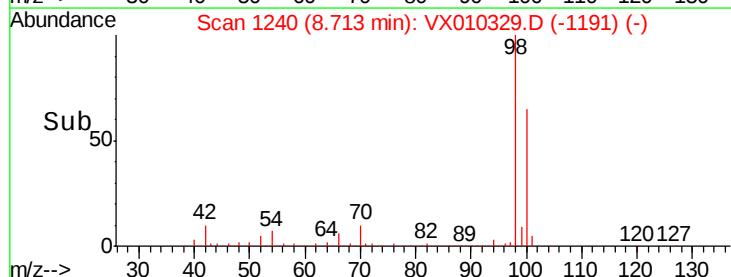
98 100

100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

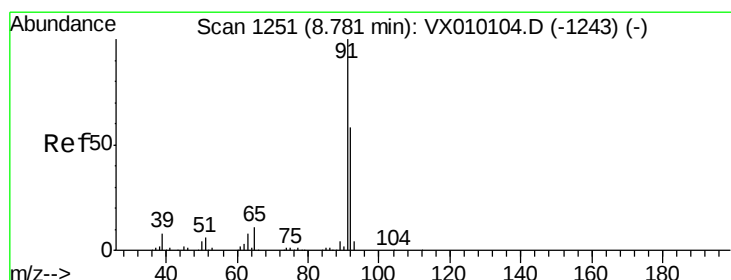
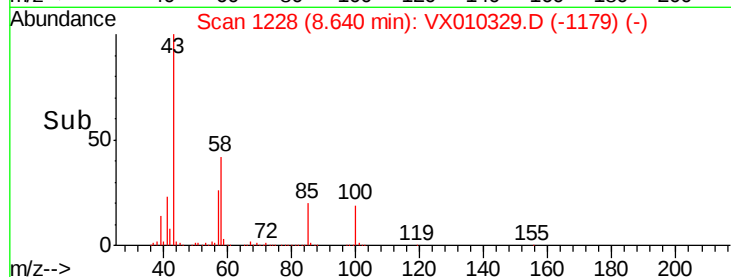
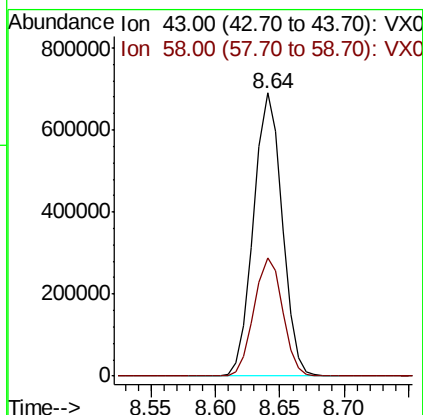
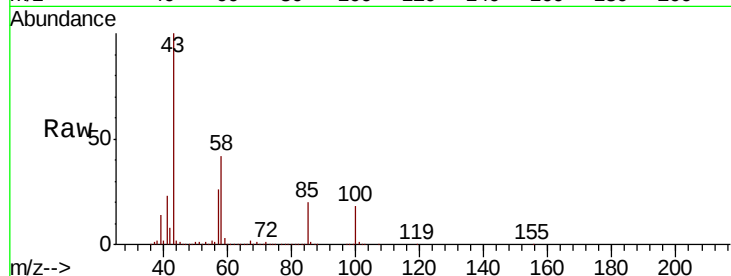




#51
4-Methyl-2-Pentanone
Concen: 267.019 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

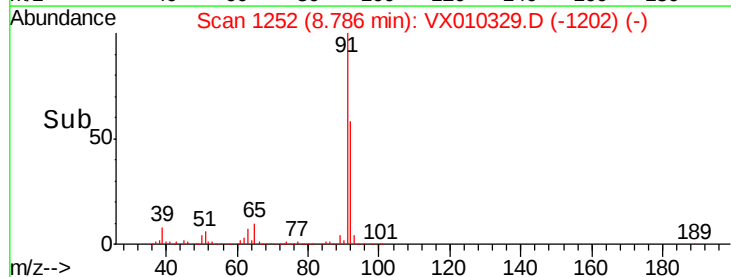
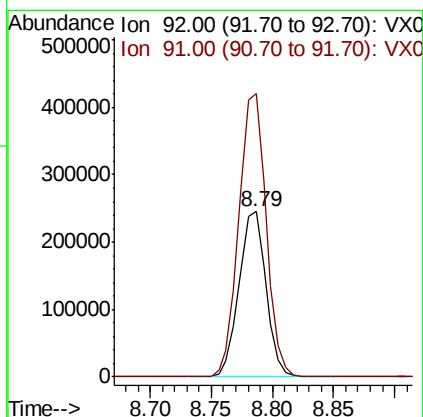
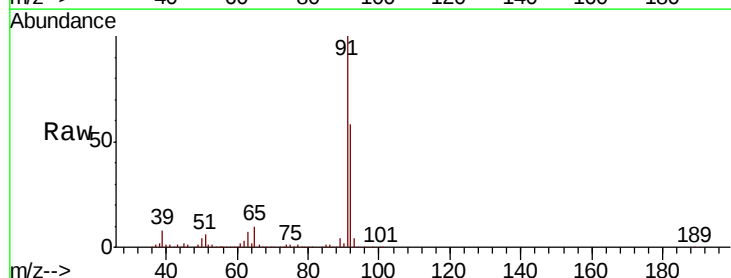
Instrument :
MSVOA_X
ClientSampleId :

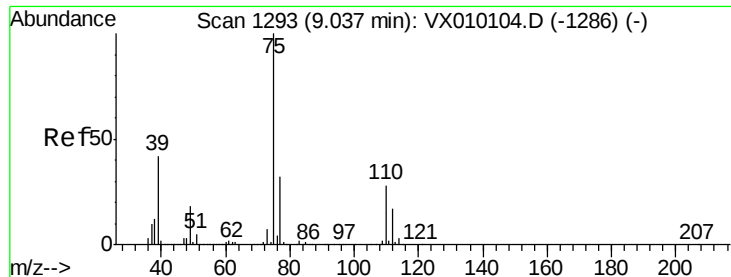
Tot Ion: 43 Resp: 1056581
Ion Ratio Lower Upper
43 100
58 41.8 28.8 43.2



#52
Toluene
Concen: 48.572 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion: 92 Resp: 375907
Ion Ratio Lower Upper
92 100
91 173.4 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 47.256 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

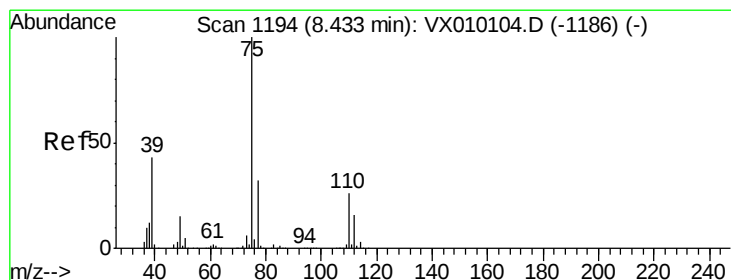
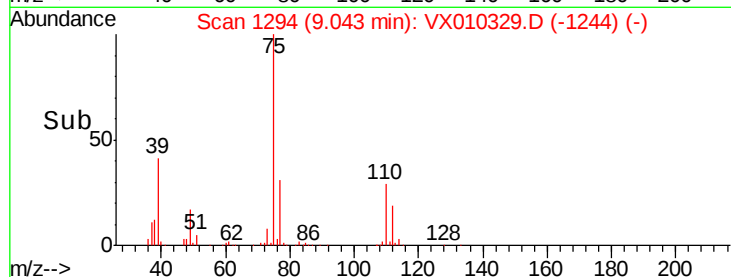
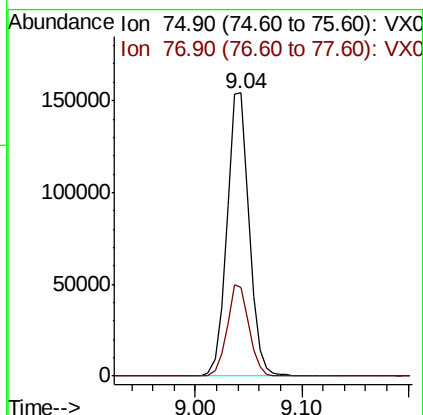
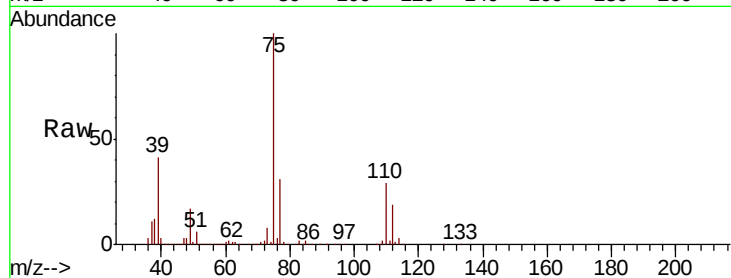
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 225485

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 48.109 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

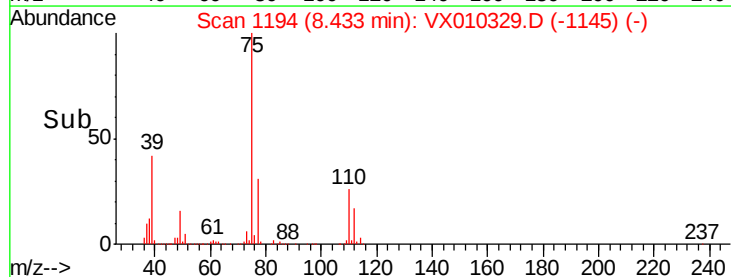
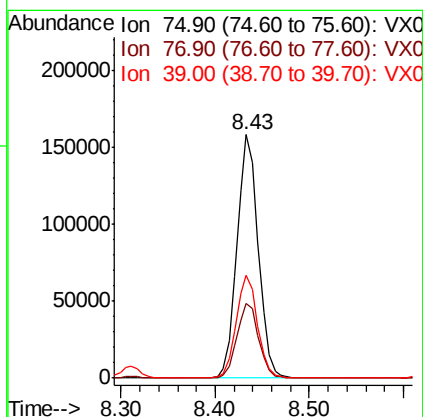
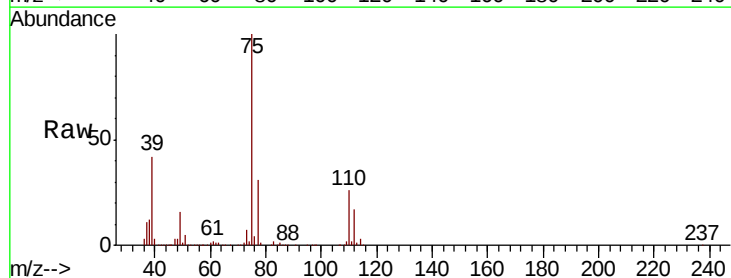
Tgt Ion: 75 Resp: 246092

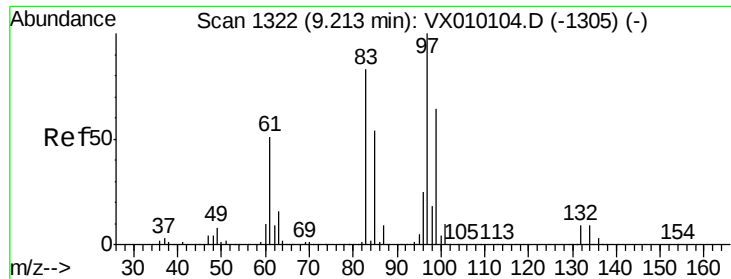
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 42.3 43.4 65.0#

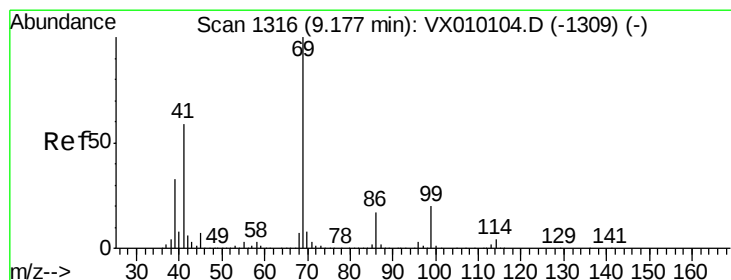
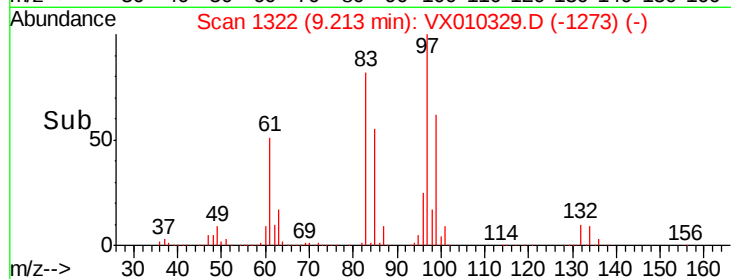
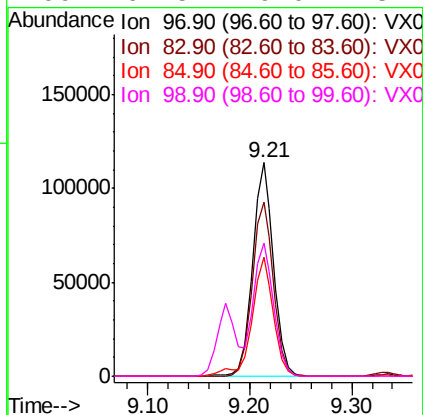
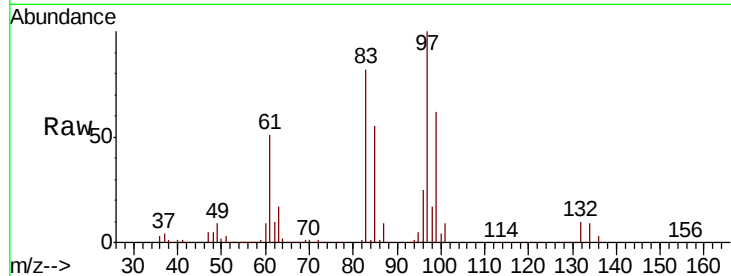




#55
 1,1,2-Trichloroethane
 Concen: 51.440 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010329.D
 Acq: 17 Jun 2019 17:09

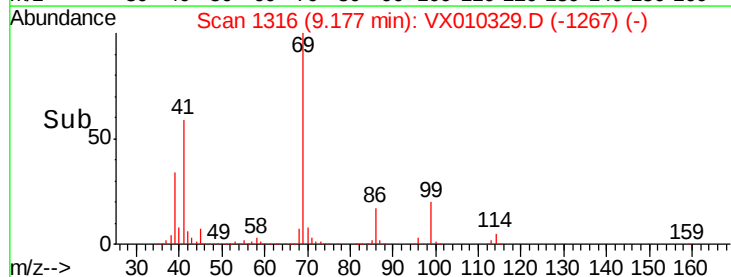
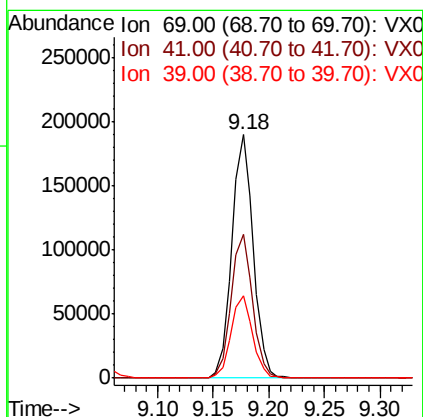
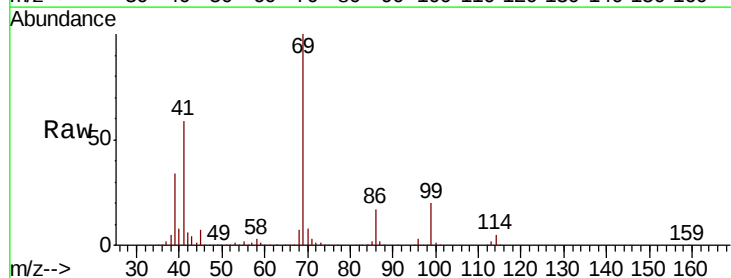
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.8	104.8
85	55.5	45.3	67.9
99	62.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 50.408 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010329.D
 Acq: 17 Jun 2019 17:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.9	62.7	94.1#
39	33.9	29.5	44.3

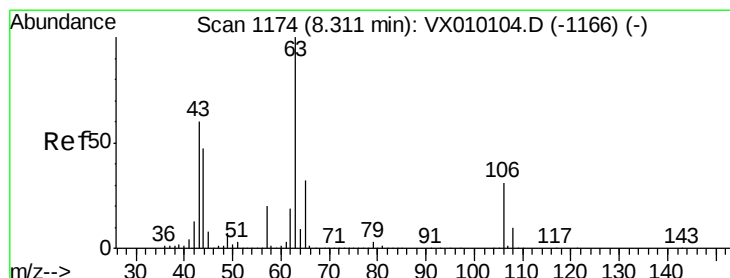
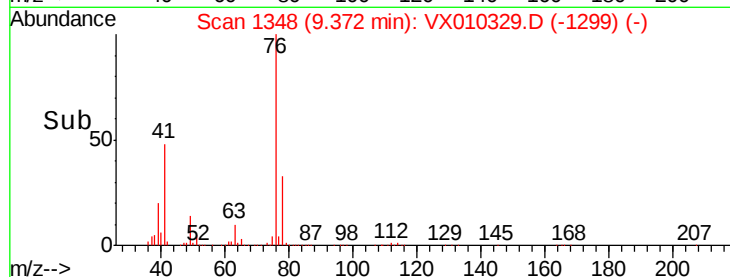
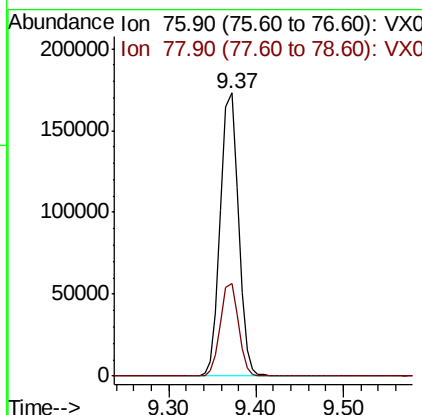
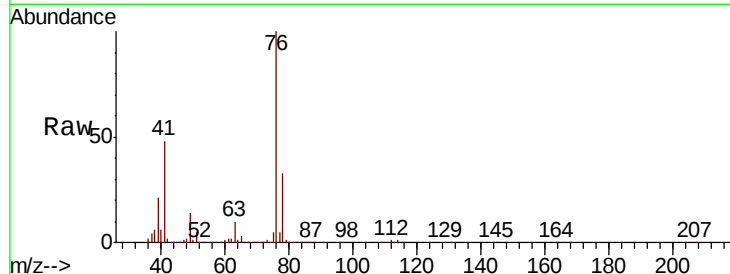




#57
 1,3-Dichloropropane
 Concen: 49.846 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010329.D
 Acq: 17 Jun 2019 17:09

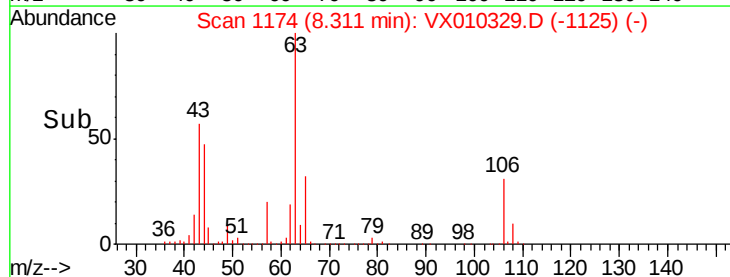
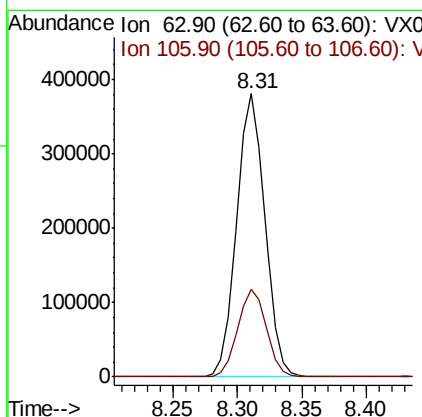
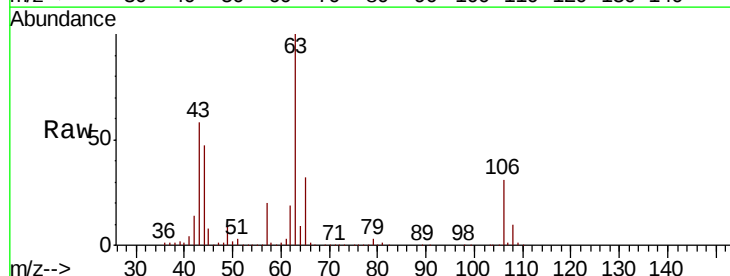
Instrument :
 MSVOA_X
 ClientSampleId :

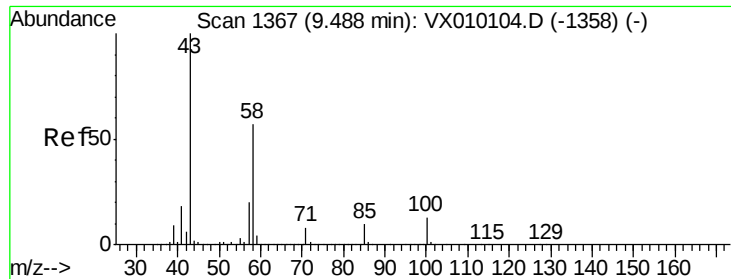
Tot Ion: 76 Resp: 248724
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.288 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010329.D
 Acq: 17 Jun 2019 17:09

Tgt Ion: 63 Resp: 581310
 Ion Ratio Lower Upper
 63 100
 106 31.1 19.4 29.2#

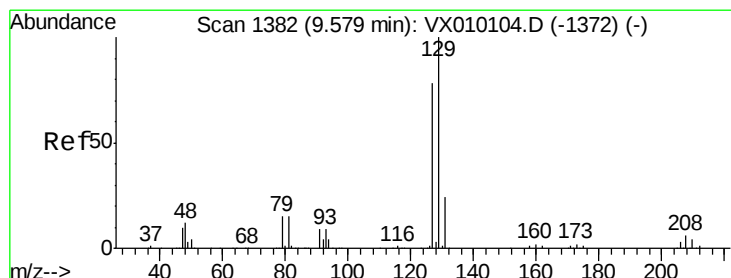
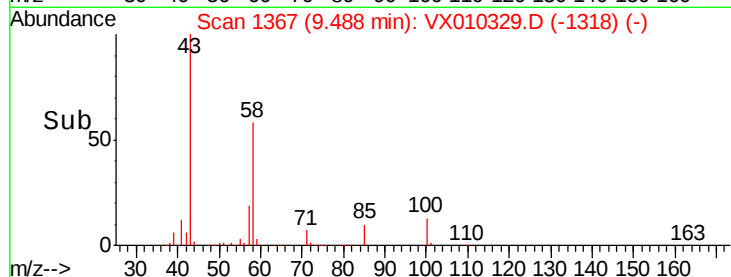
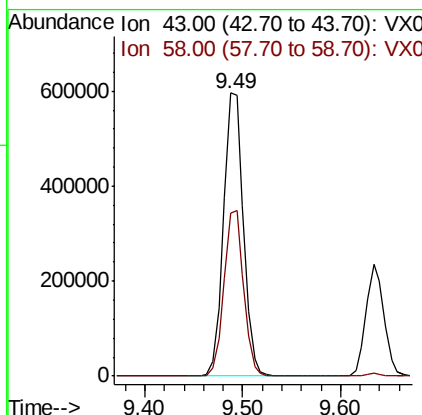
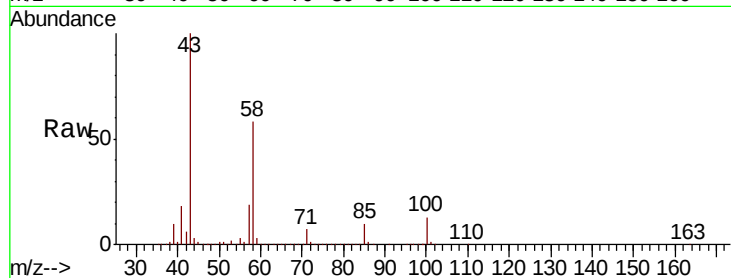




#59
2-Hexanone
Concen: 265.951 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

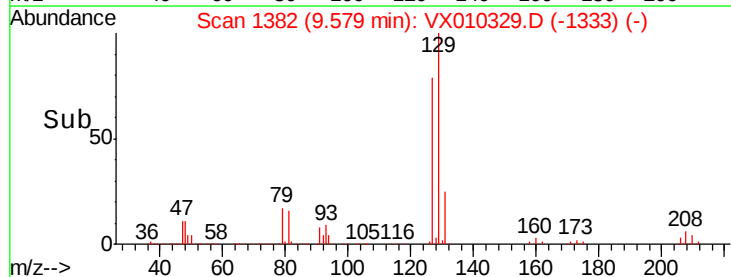
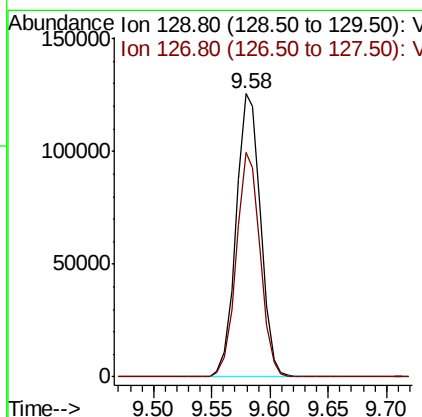
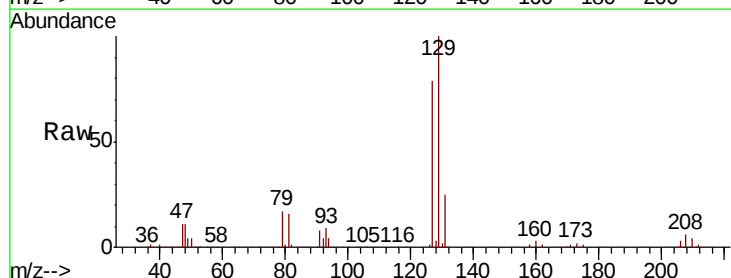
Instrument :
MSVOA_X
ClientSampleId :

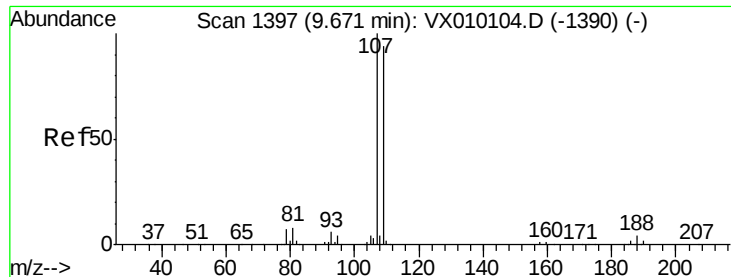
Tot Ion: 43 Resp: 839055
Ion Ratio Lower Upper
43 100
58 58.0 25.1 75.3



#60
Dibromochloromethane
Concen: 48.957 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion:129 Resp: 183540
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.137 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

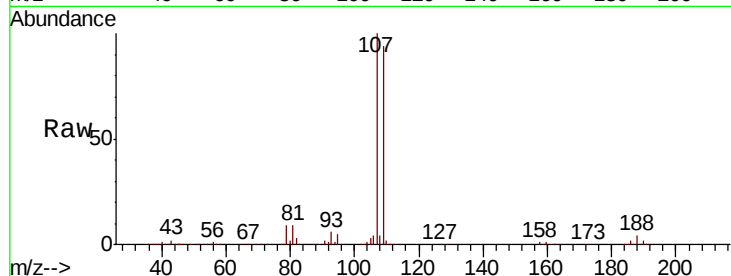
ClientSampled :

Tot Ion:107 Resp: 173455

Ion Ratio Lower Upper

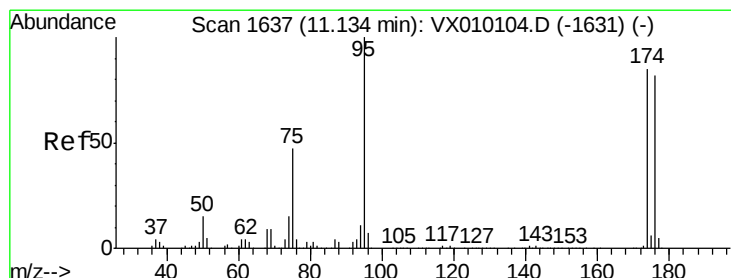
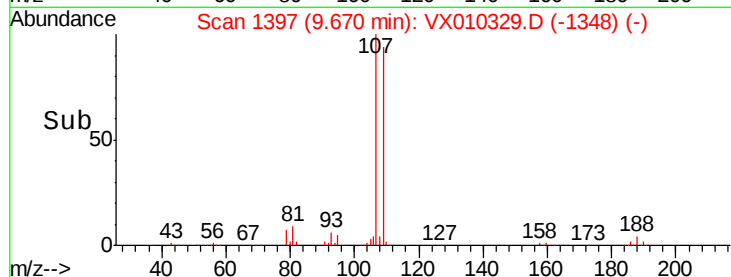
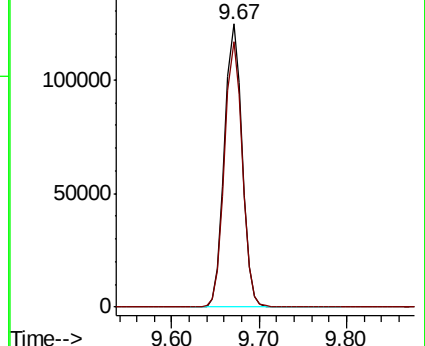
107 100

109 94.4 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: 50.688 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

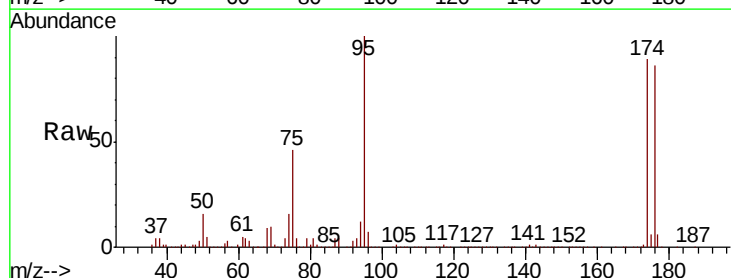
Tgt Ion: 95 Resp: 204227

Ion Ratio Lower Upper

95 100

174 92.0 0.0 160.4

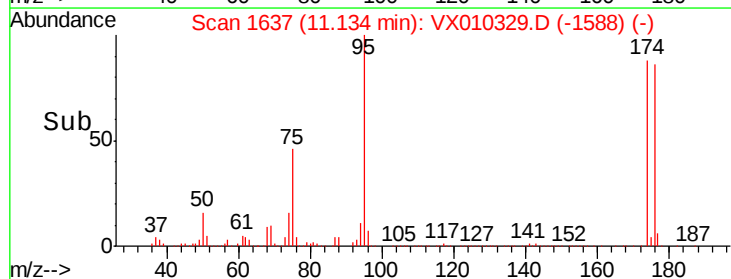
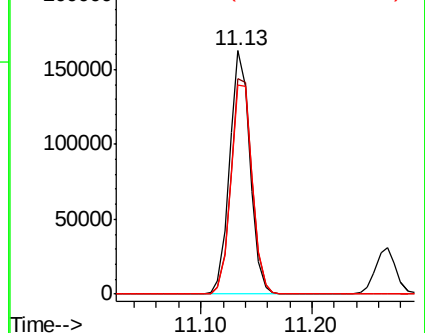
176 90.8 0.0 154.6

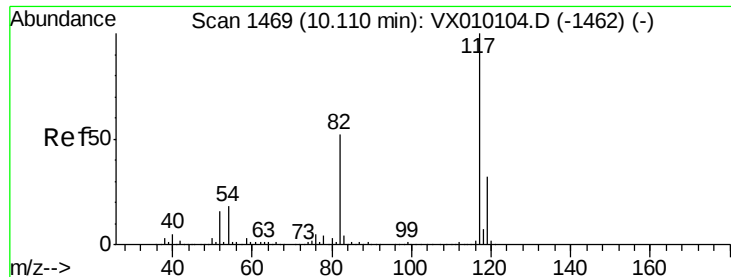


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

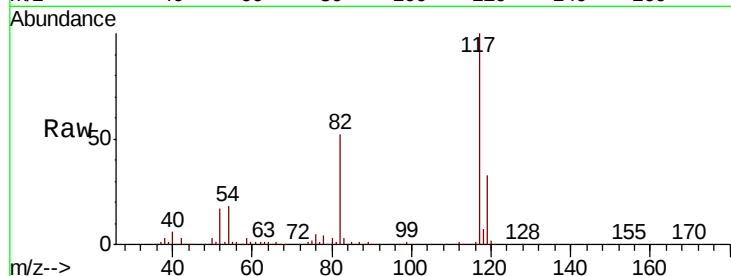




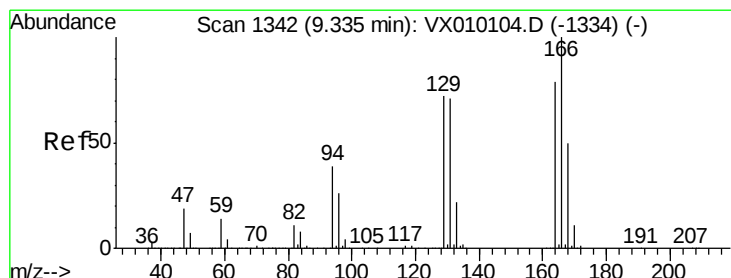
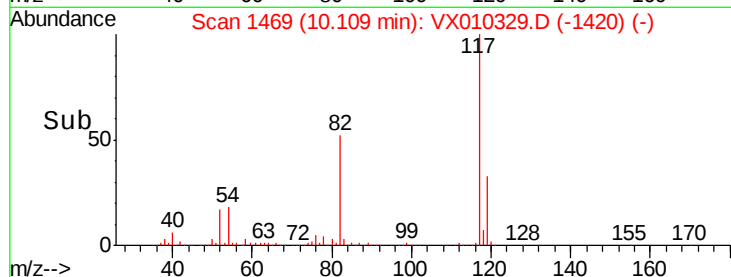
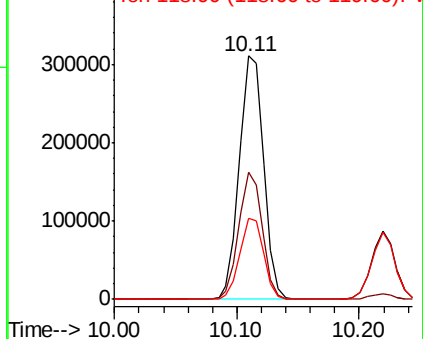
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 427091
Ion Ratio Lower Upper
117 100
82 52.4 49.2 73.8
119 33.0 25.2 37.8

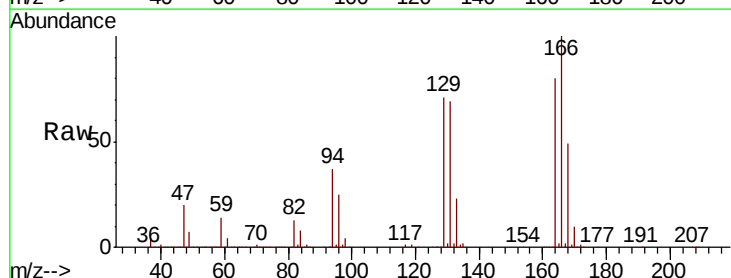


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

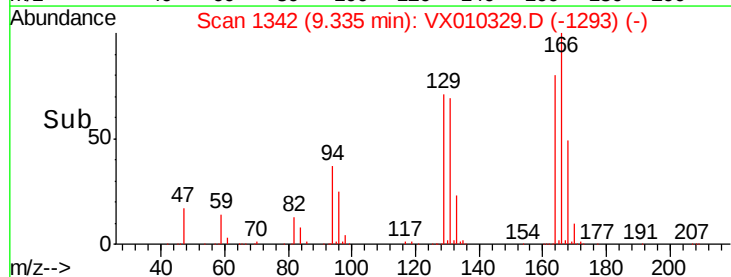
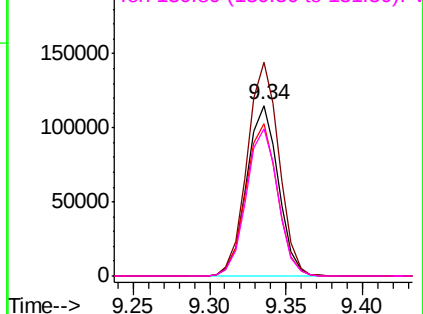


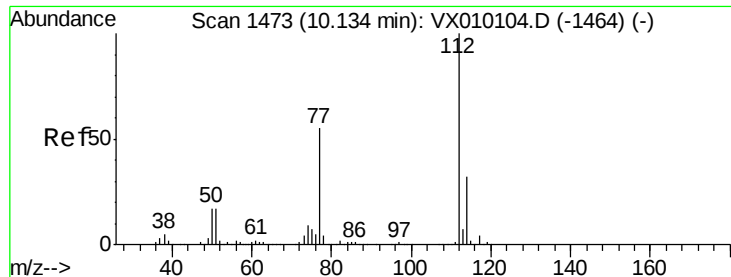
#64
Tetrachloroethene
Concen: 52.119 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion:164 Resp: 165326
Ion Ratio Lower Upper
164 100
166 125.3 105.0 157.4
129 89.4 75.1 112.7
131 86.6 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.936 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

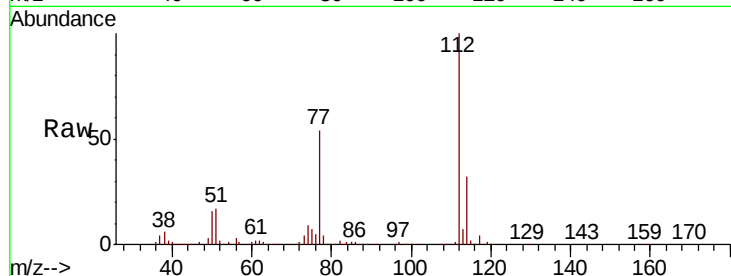
ClientSampleId :

Tot Ion:112 Resp: 431366

Ion Ratio Lower Upper

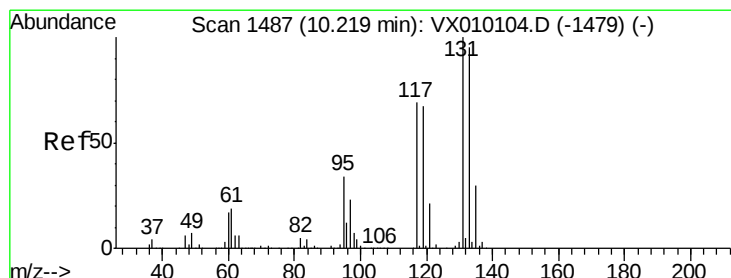
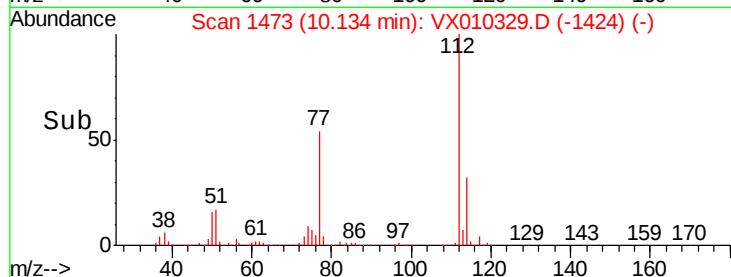
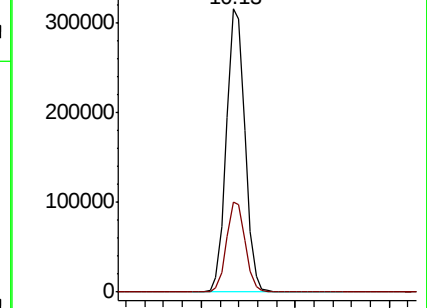
112 100

114 32.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.713 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

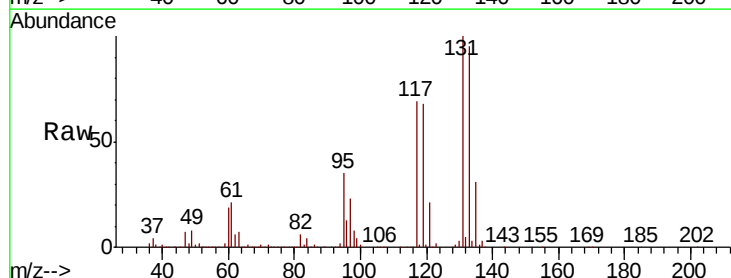
Tgt Ion:131 Resp: 168518

Ion Ratio Lower Upper

131 100

133 94.9 47.5 142.6

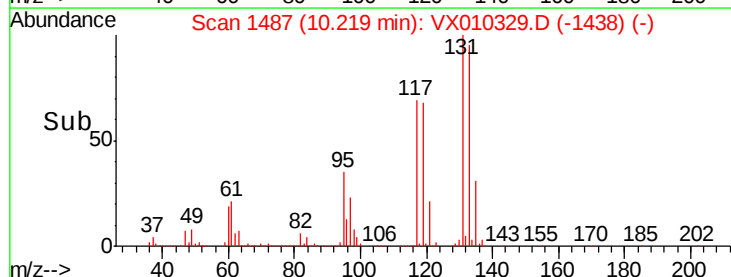
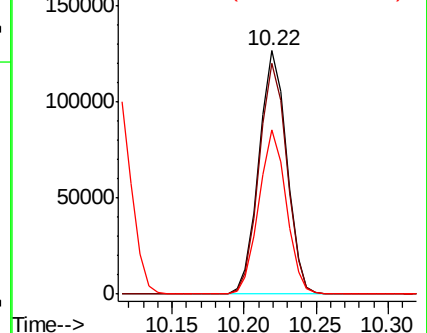
119 66.3 33.4 100.1

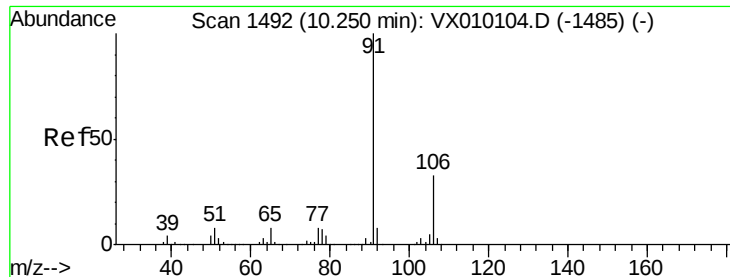


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

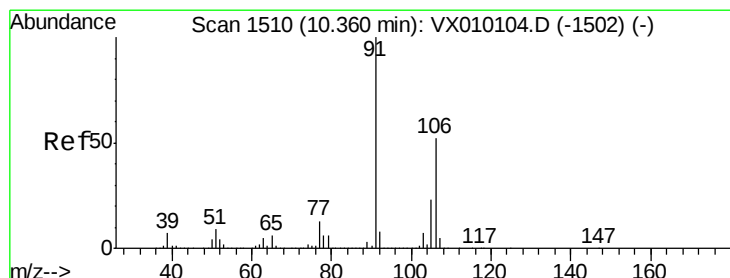
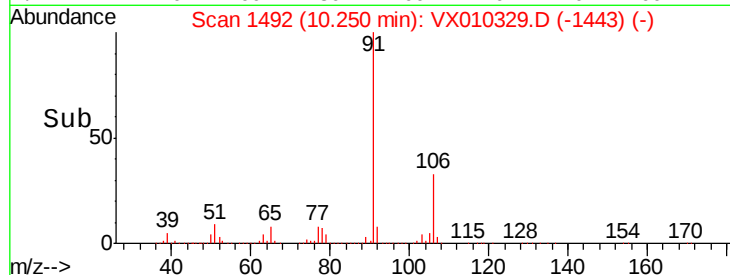
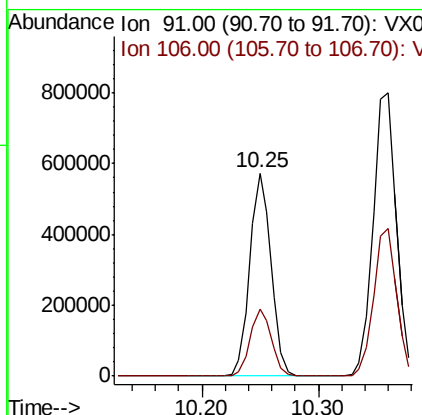
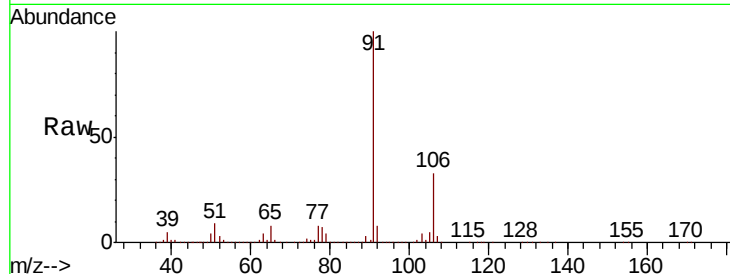




#67
Ethyl Benzene
Concen: 49.113 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

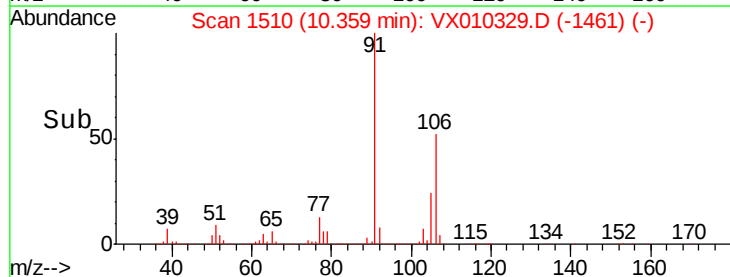
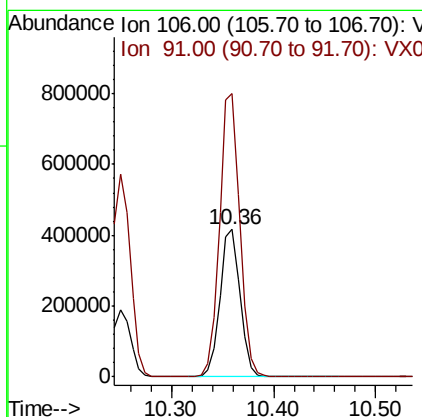
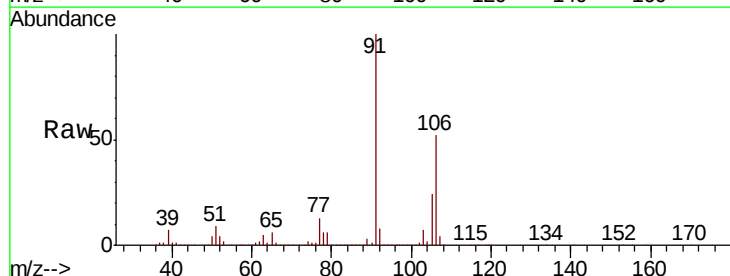
Instrument :
MSVOA_X
ClientSampled :

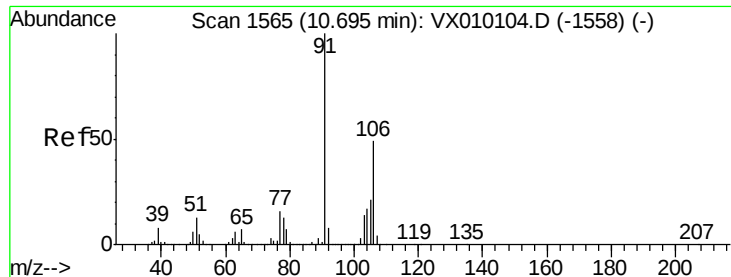
Tot Ion: 91 Resp: 736980
Ion Ratio Lower Upper
91 100
106 32.7 23.9 35.9



#68
m/p-Xylenes
Concen: 98.749 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion: 106 Resp: 573418
Ion Ratio Lower Upper
106 100
91 194.4 167.3 250.9

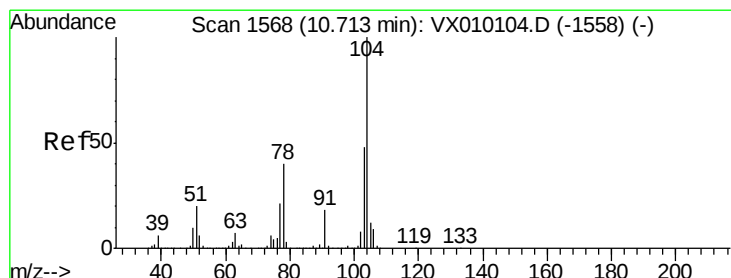
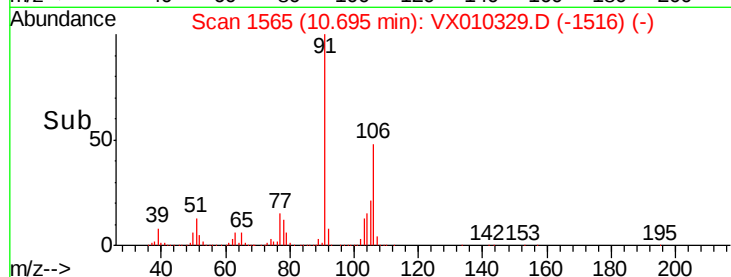
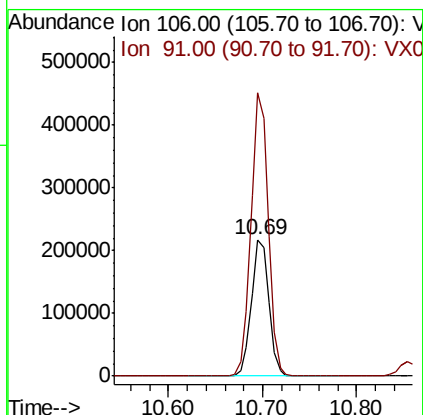
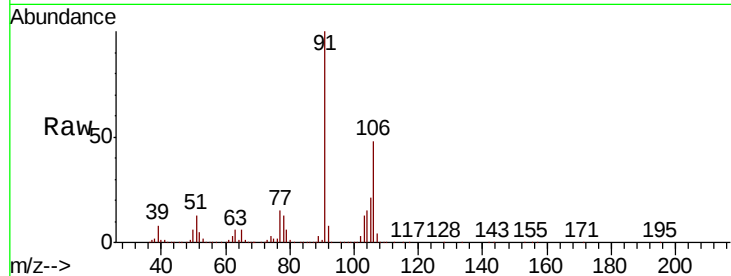




#69
o-Xylene
Concen: 49.263 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

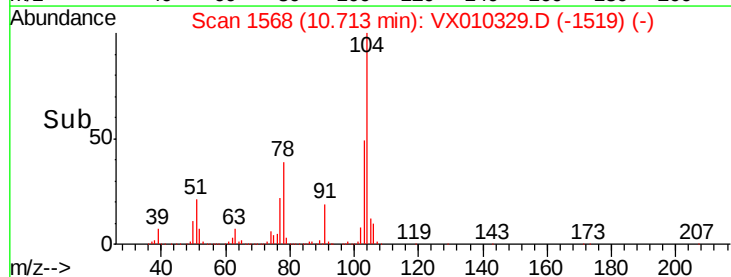
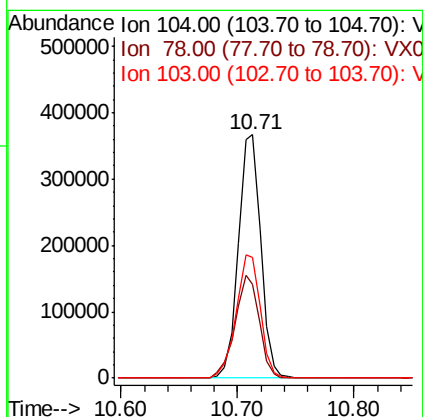
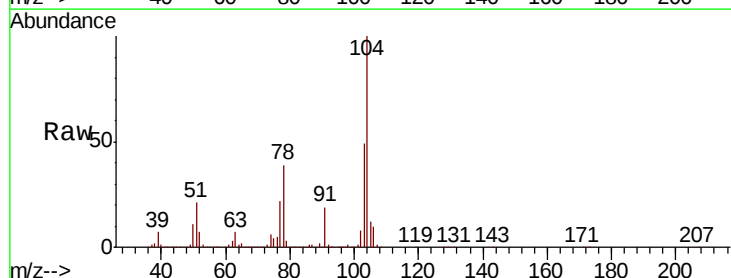
Instrument :
MSVOA_X
ClientSampled :

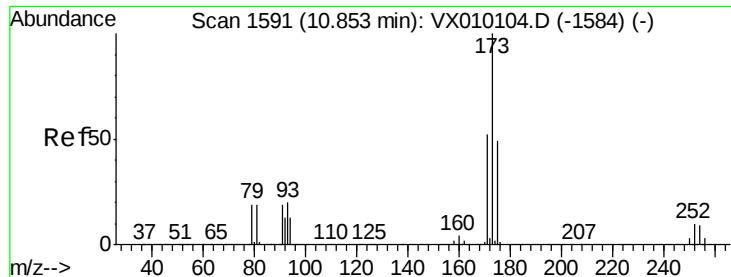
Tot Ion:106 Resp: 284363
Ion Ratio Lower Upper
106 100
91 204.6 110.4 331.2



#70
Styrene
Concen: 50.507 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion:104 Resp: 493773
Ion Ratio Lower Upper
104 100
78 45.5 42.1 63.1
103 54.8 44.1 66.1





#71

Bromoform

Concen: 48.430 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

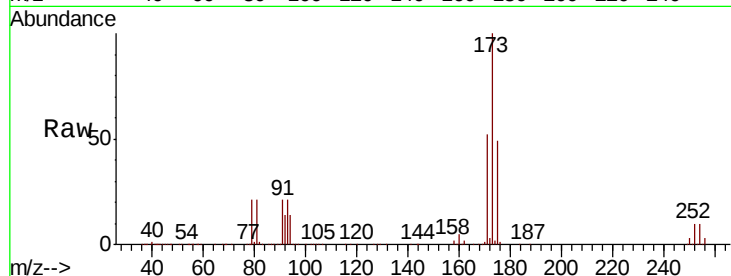
Tot Ion:173 Resp: 150922

Ion Ratio Lower Upper

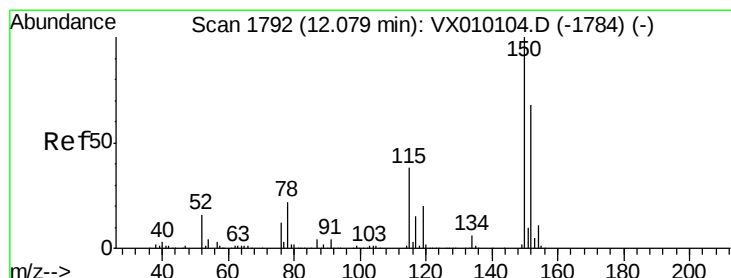
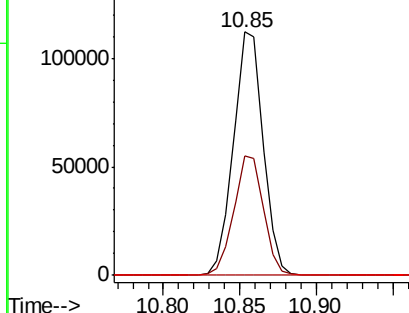
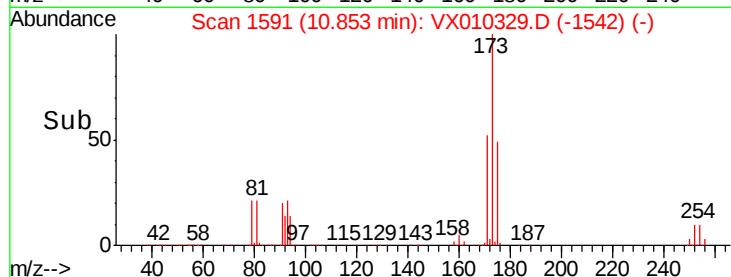
173 100

175 49.0 25.0 75.0

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
150000 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: VX010329.D

Acq: 17 Jun 2019 17:09

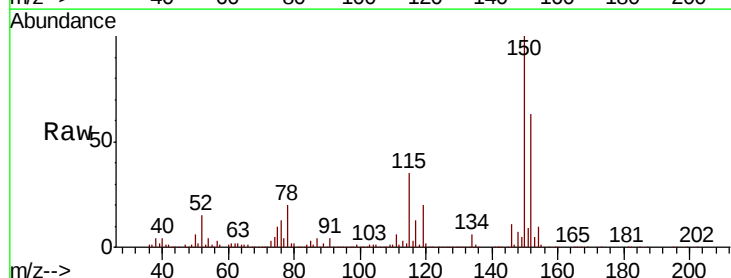
Tgt Ion:152 Resp: 224968

Ion Ratio Lower Upper

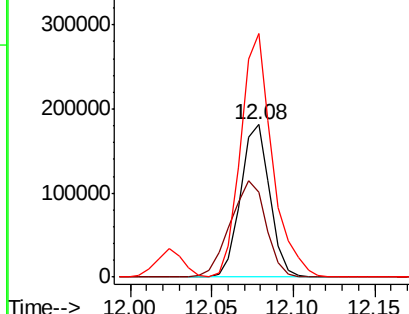
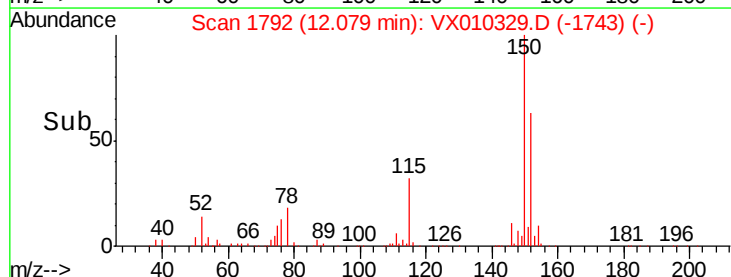
152 100

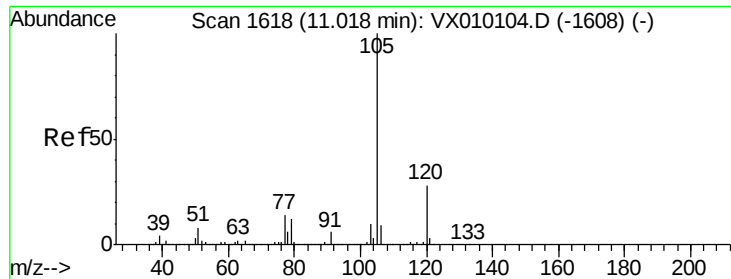
115 77.2 41.4 124.2

150 173.8 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
400000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

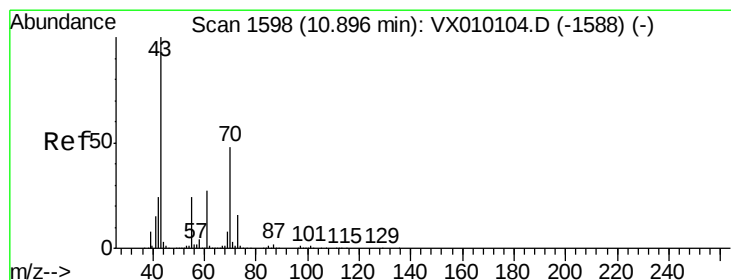
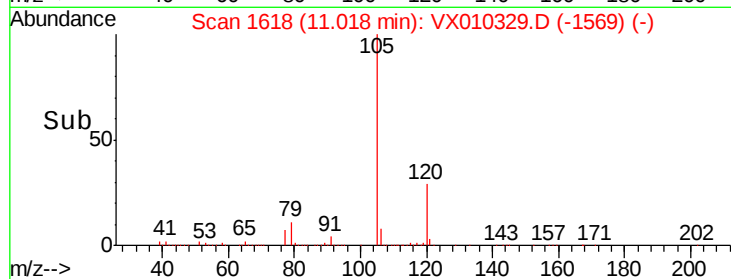
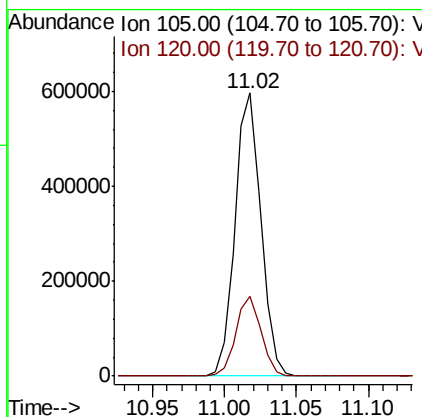
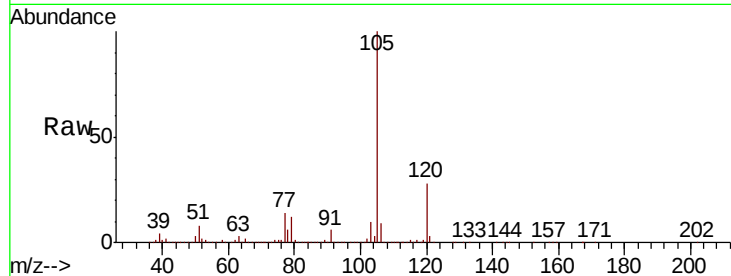




#73
Isopropylbenzene
Concen: 47.730 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

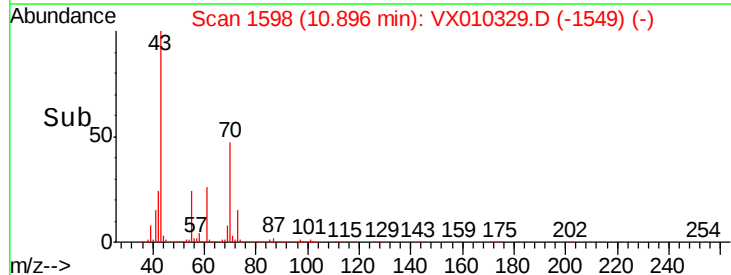
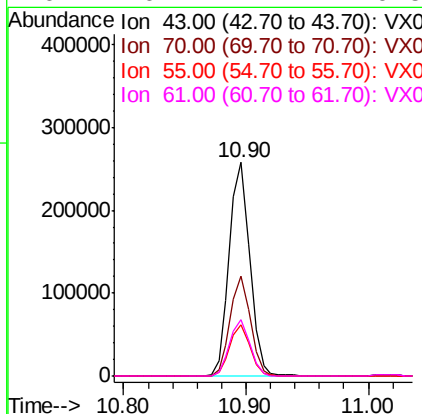
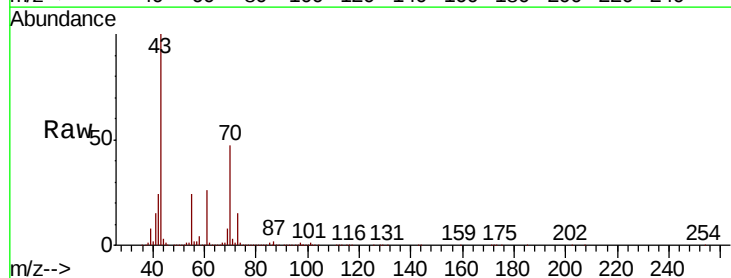
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:105 Resp: 749564
Ion Ratio Lower Upper
105 100
120 27.7 12.8 38.4



#74
N-ethyl acetate
Concen: 48.185 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion: 43 Resp: 299129
Ion Ratio Lower Upper
43 100
70 46.2 28.6 43.0#
55 24.1 17.8 26.8
61 26.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.528 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

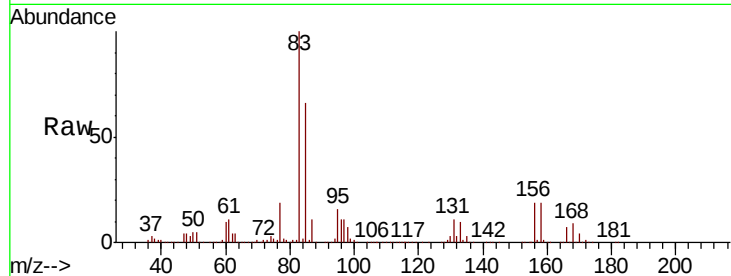
Tot Ion: 83 Resp: 255499

Ion Ratio Lower Upper

83 100

131 11.1 4.7 14.1

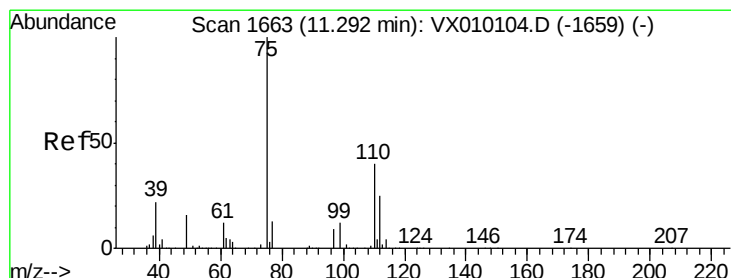
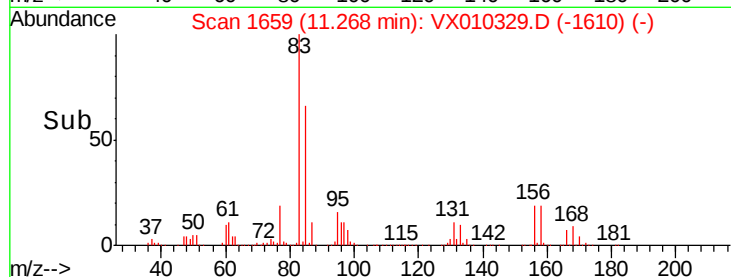
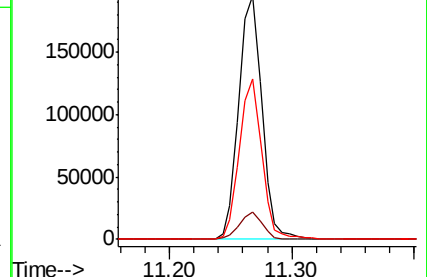
85 64.1 31.9 95.9



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: 65.323 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010329.D

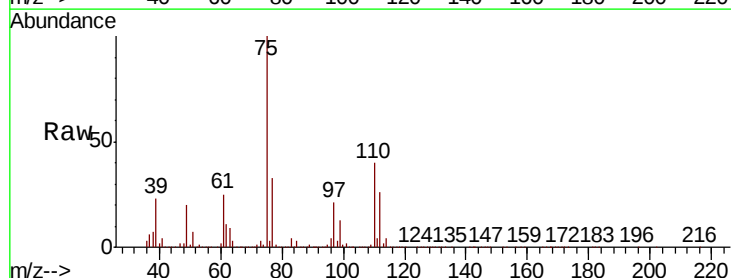
Acq: 17 Jun 2019 17:09

Tgt Ion: 75 Resp: 293938

Ion Ratio Lower Upper

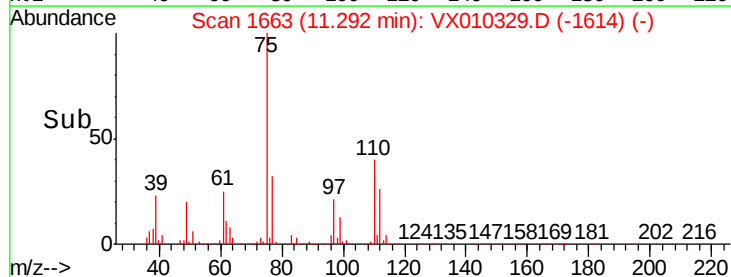
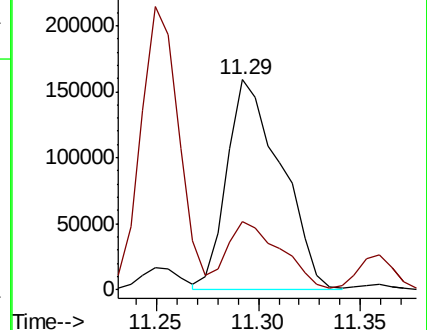
75 100

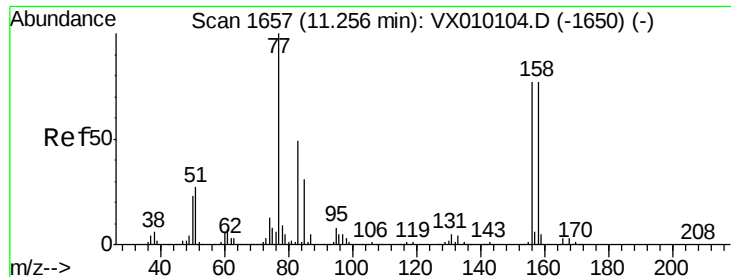
77 32.4 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.435 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

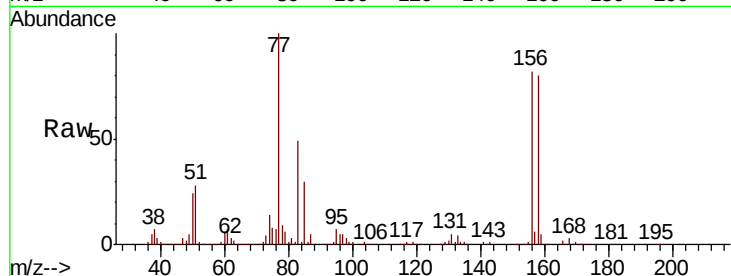
Tot Ion:156 Resp: 209173

Ion Ratio Lower Upper

156 100

77 132.7 86.8 260.3

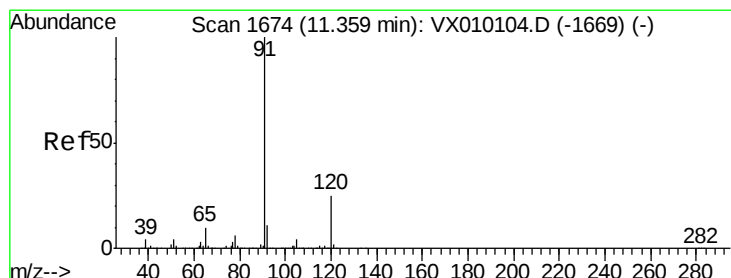
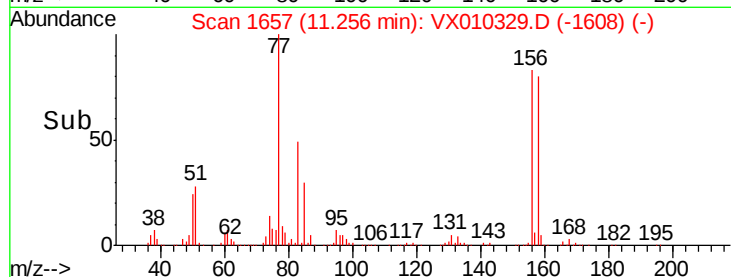
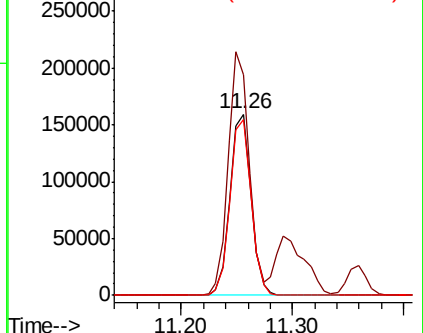
158 97.3 49.6 148.8



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: 48.318 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010329.D

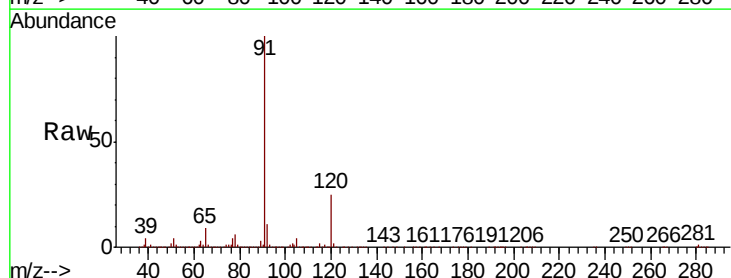
Acq: 17 Jun 2019 17:09

Tgt Ion: 91 Resp: 844752

Ion Ratio Lower Upper

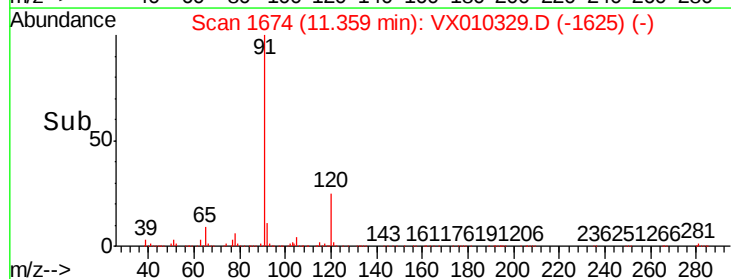
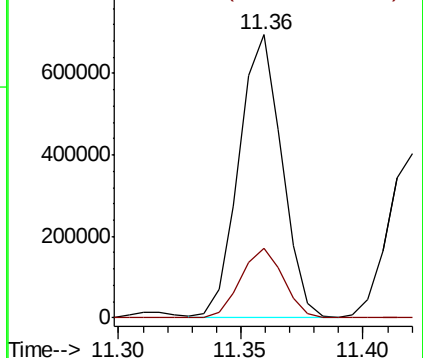
91 100

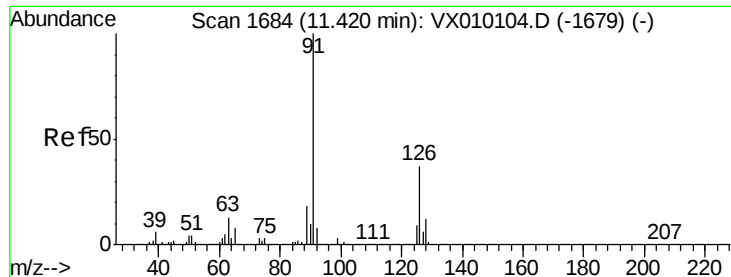
120 24.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.235 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

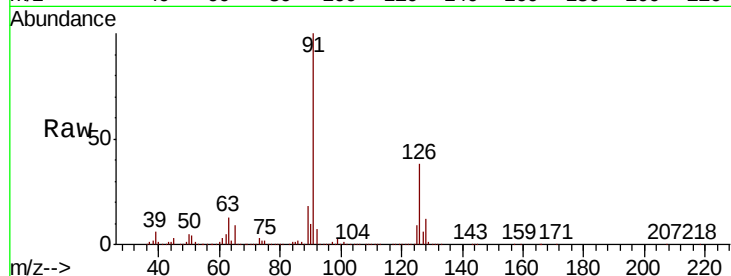
ClientSampleId :

Tot Ion: 91 Resp: 495987

Ion Ratio Lower Upper

91 100

126 37.3 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)

800000

600000

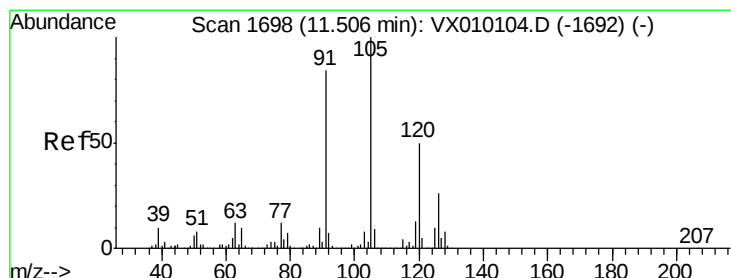
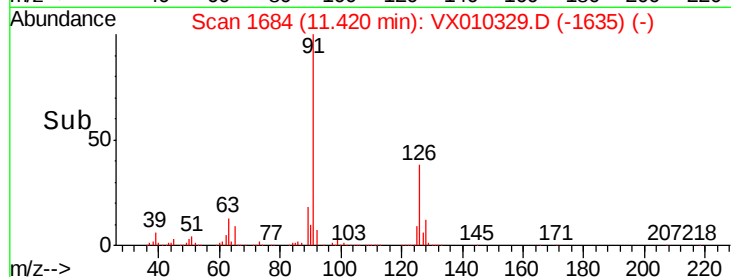
400000

200000

0

11.40 11.42 11.44 11.46

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.989 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010329.D

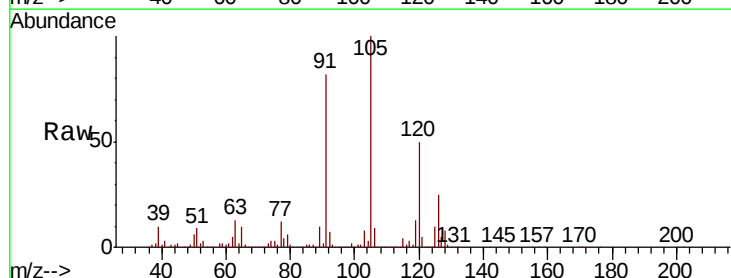
Acq: 17 Jun 2019 17:09

Tgt Ion: 105 Resp: 634763

Ion Ratio Lower Upper

105 100

120 50.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)

600000

500000

400000

300000

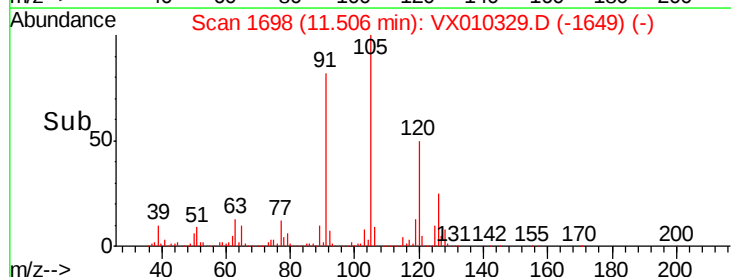
200000

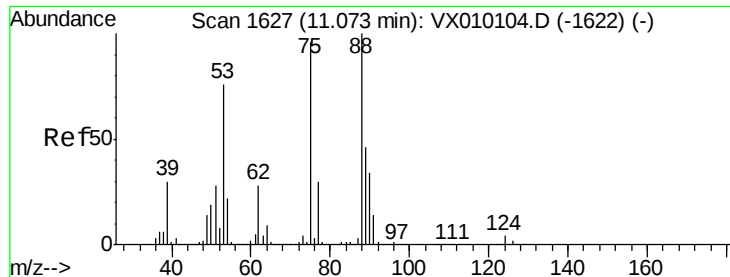
100000

0

11.45 11.50 11.55 11.60

Time-->

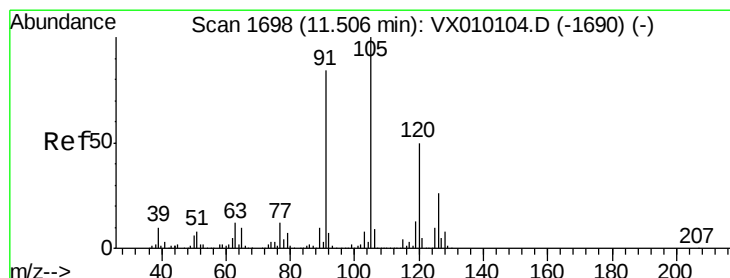
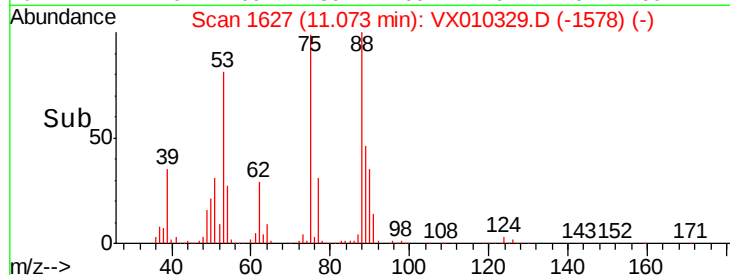
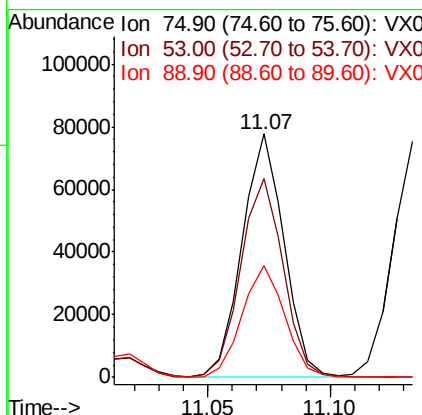
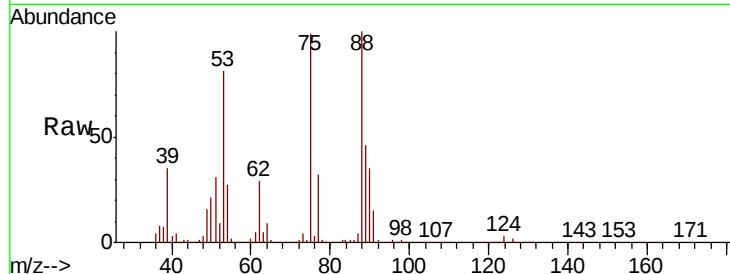




#81
trans-1,4-Dichloro-2-butene
Concen: 45.537 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

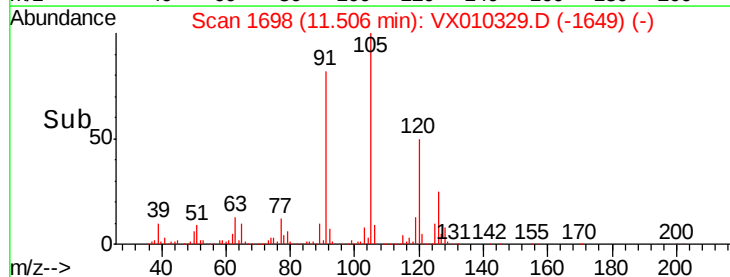
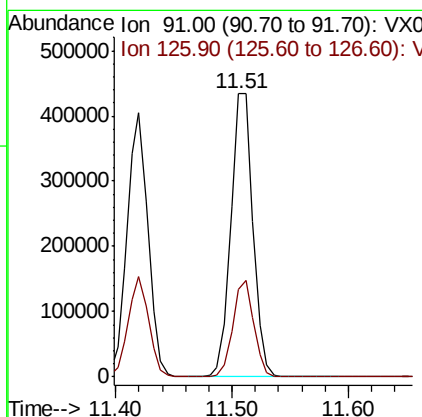
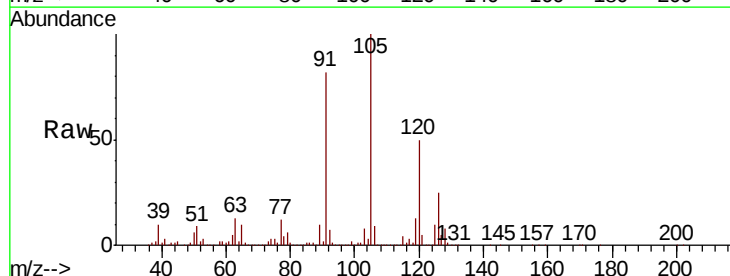
Instrument :
MSVOA_X
ClientSampled :

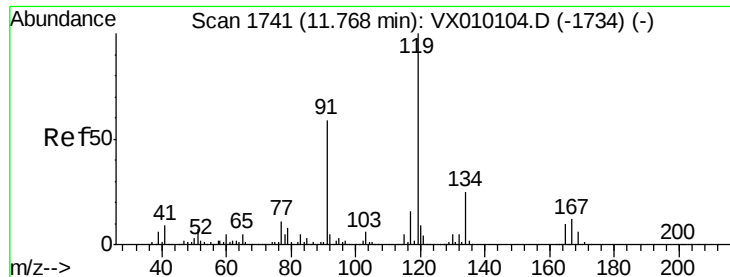
Tot Ion: 75 Resp: 92742
Ion Ratio Lower Upper
75 100
53 82.6 79.8 119.6
89 47.1 34.2 51.4



#82
4-Chlorotoluene
Concen: 48.101 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion: 91 Resp: 573757
Ion Ratio Lower Upper
91 100
126 32.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 47.358 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

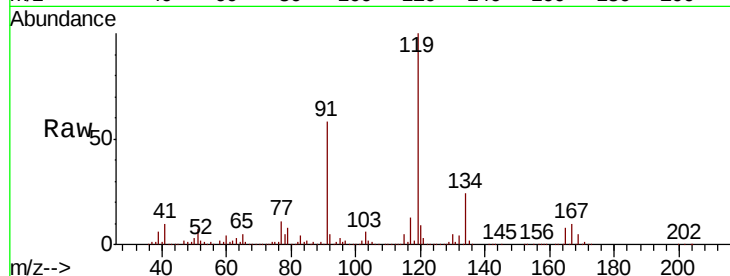
Tot Ion:119 Resp: 634014

Ion Ratio Lower Upper

119 100

91 55.8 30.0 90.0

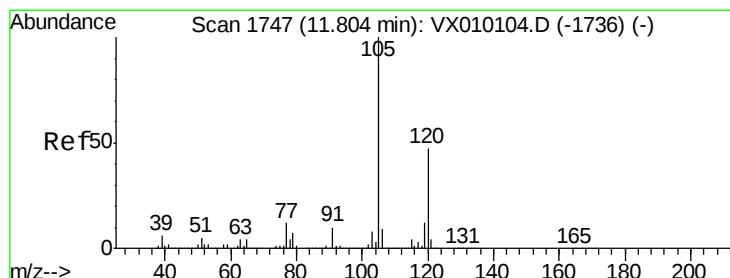
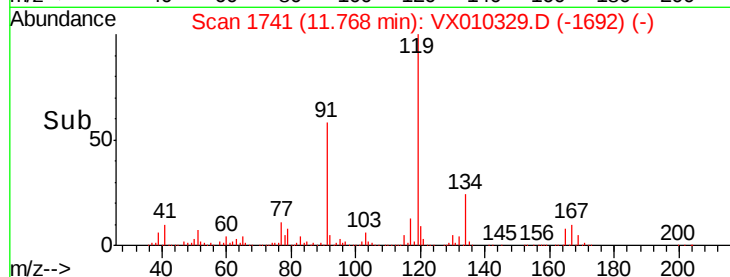
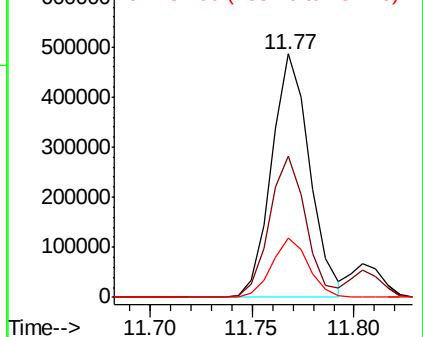
134 23.3 11.2 33.5



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: 48.091 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010329.D

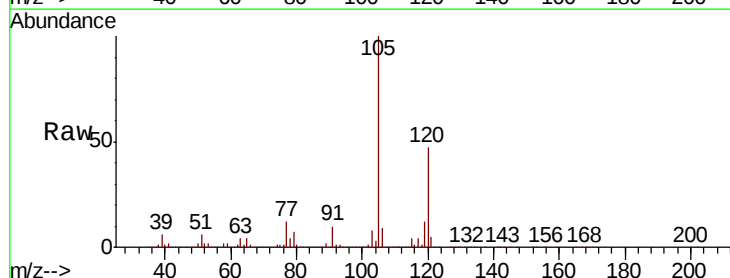
Acq: 17 Jun 2019 17:09

Tgt Ion:105 Resp: 642523

Ion Ratio Lower Upper

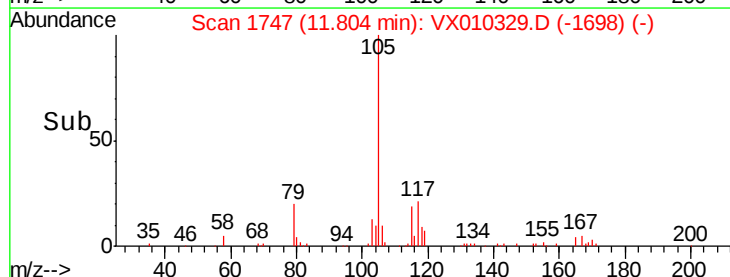
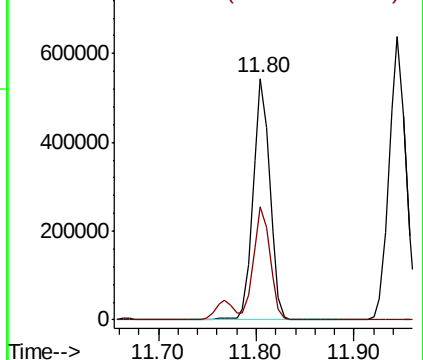
105 100

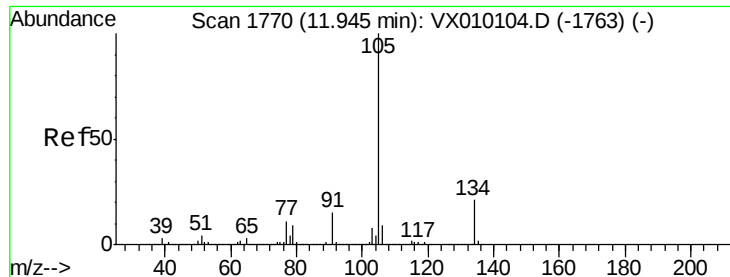
120 45.9 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.232 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

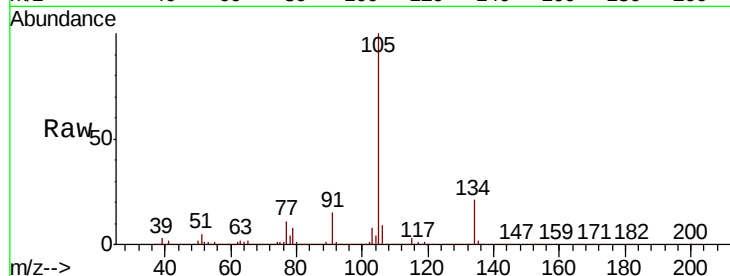
ClientSampleId :

Tot Ion:105 Resp: 752289

Ion Ratio Lower Upper

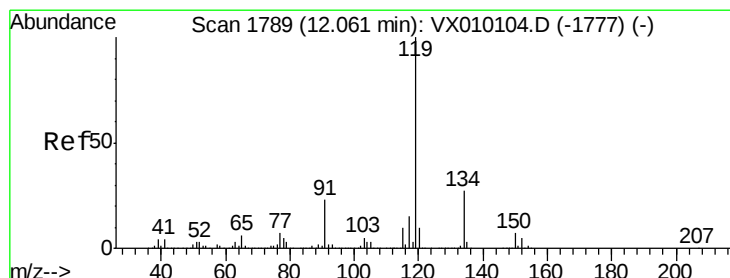
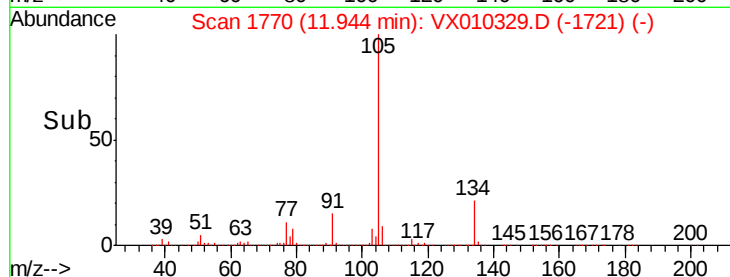
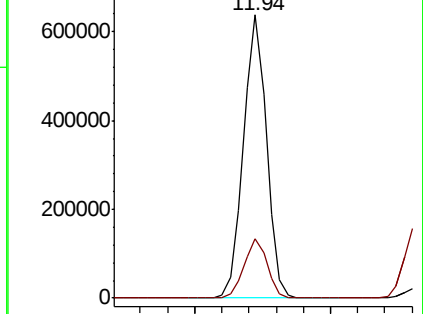
105 100

134 21.2 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: 48.630 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

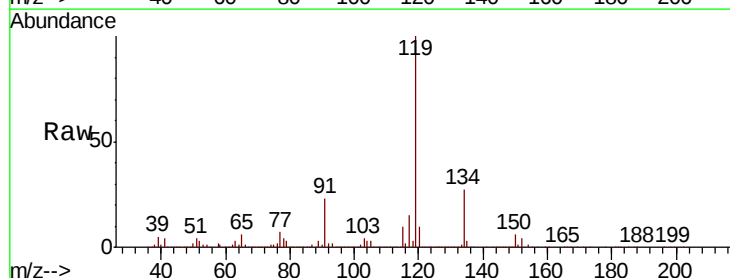
Tgt Ion:119 Resp: 693402

Ion Ratio Lower Upper

119 100

134 27.3 12.9 38.6

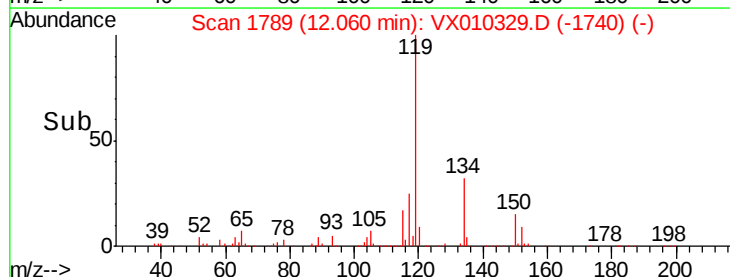
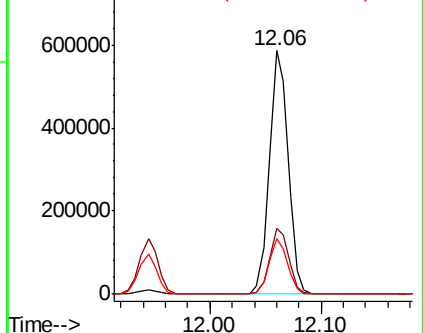
91 22.4 11.9 35.9

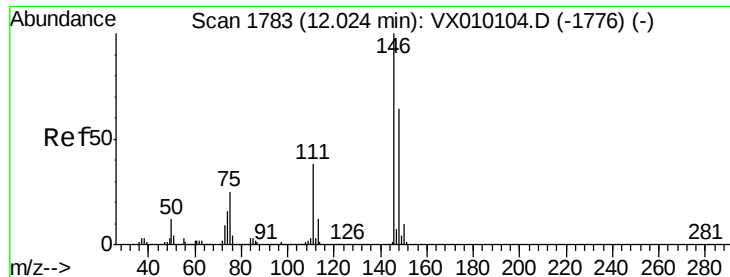


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.457 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

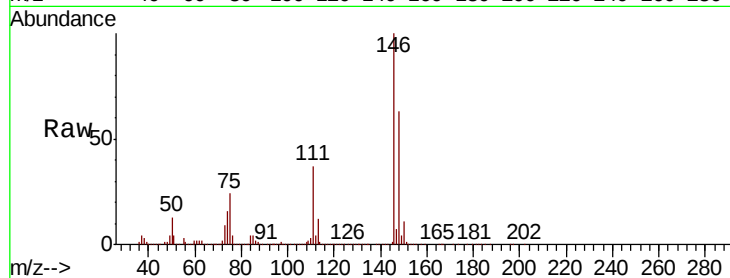
Tot Ion:146 Resp: 368608

Ion Ratio Lower Upper

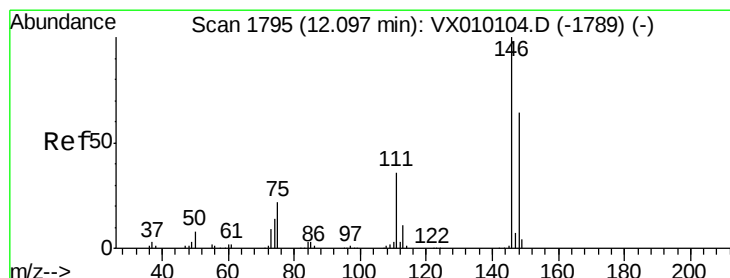
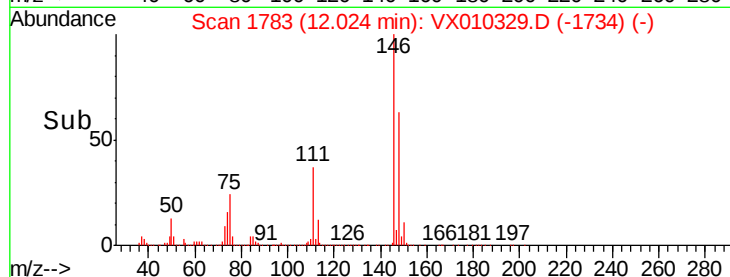
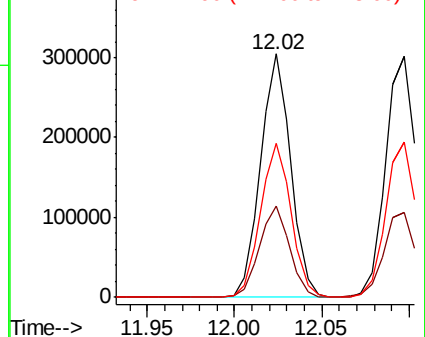
146 100

111 37.4 20.1 60.2

148 64.2 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 48.273 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

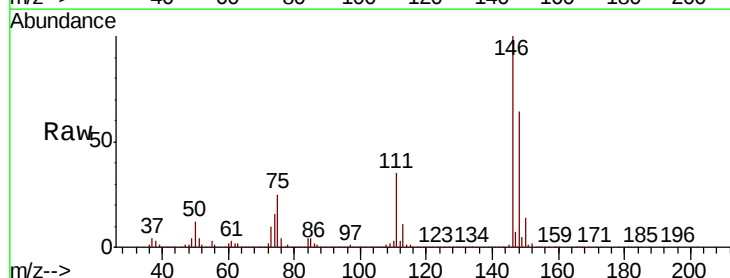
Tgt Ion:146 Resp: 370169

Ion Ratio Lower Upper

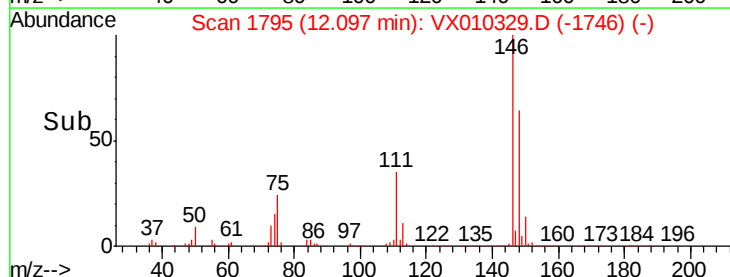
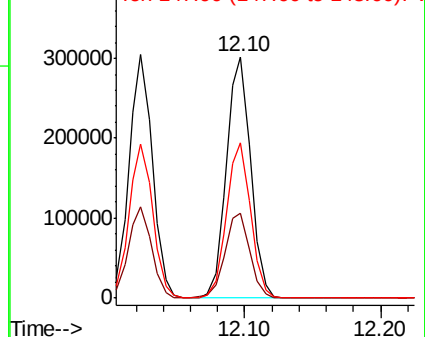
146 100

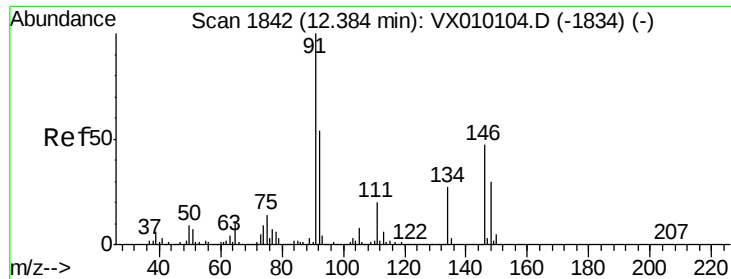
111 36.1 20.0 59.9

148 63.8 32.3 96.9



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

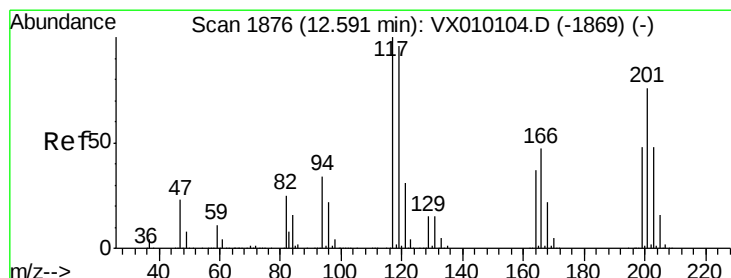
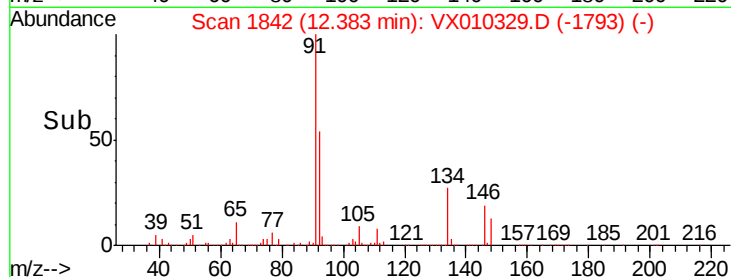
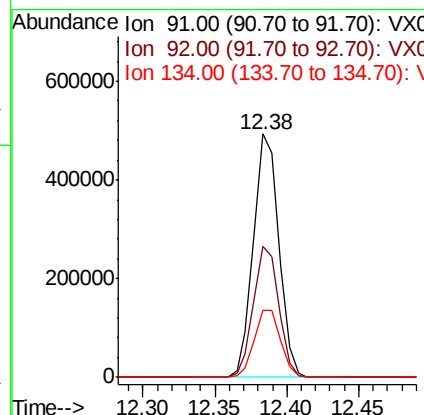
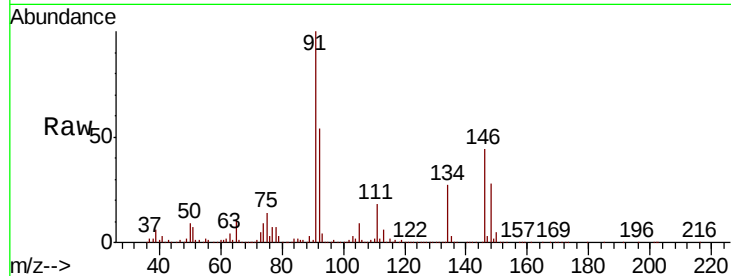




#89
n-Butylbenzene
Concen: 48.760 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

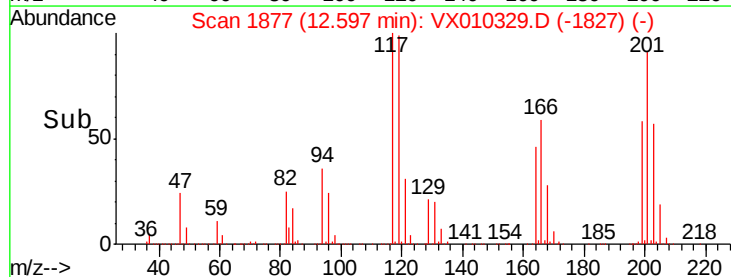
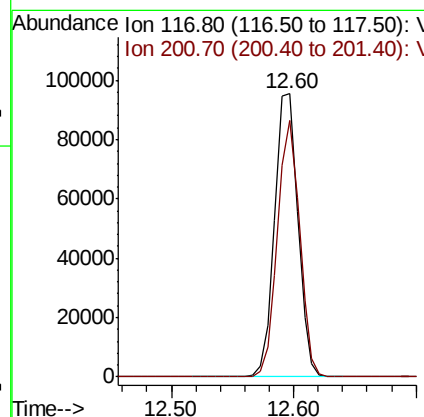
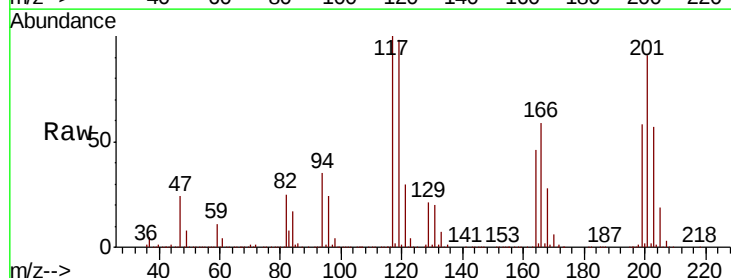
Instrument :
MSVOA_X
ClientSampleId :

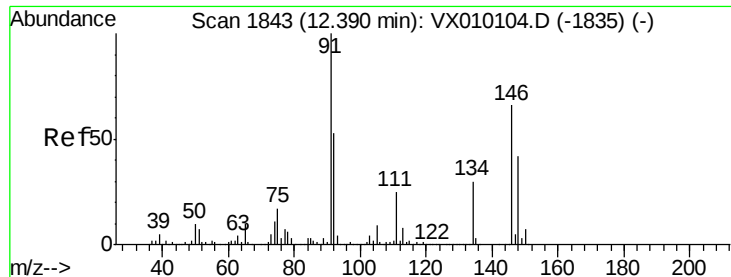
Tot Ion: 91 Resp: 598466
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.8
134 28.5 12.3 36.8



#90
Hexachloroethane
Concen: 44.533 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion: 117 Resp: 126491
Ion Ratio Lower Upper
117 100
201 86.1 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 48.964 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

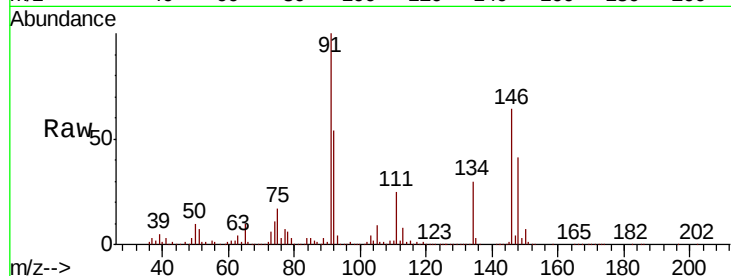
Tot Ion:146 Resp: 362096

Ion Ratio Lower Upper

146 100

111 39.0 21.1 63.1

148 64.3 32.3 96.8

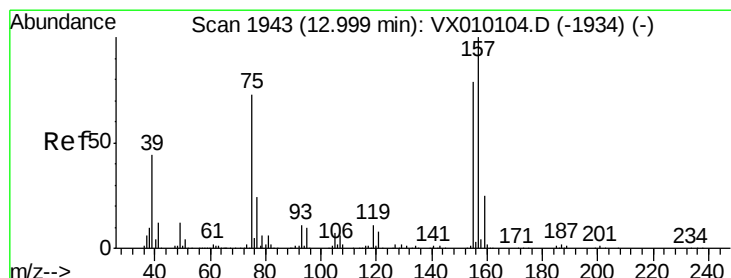
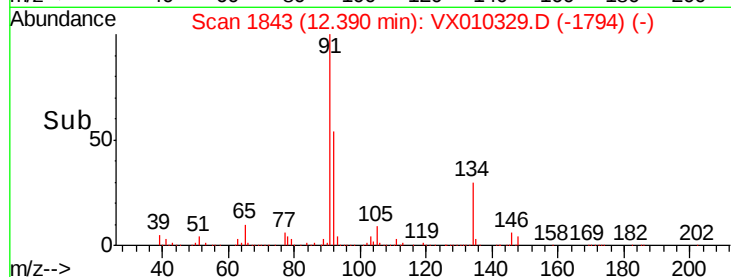
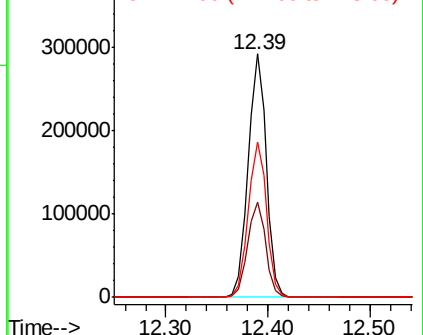


Abundance

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: 44.610 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010329.D

Acq: 17 Jun 2019 17:09

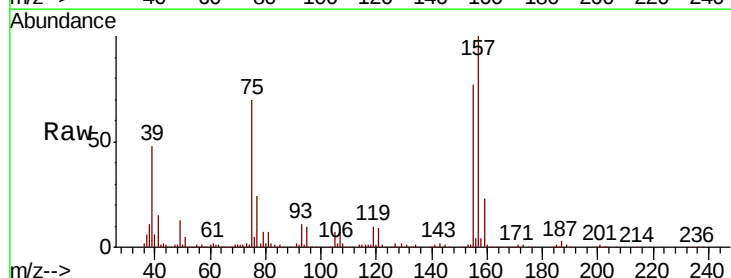
Tgt Ion: 75 Resp: 56432

Ion Ratio Lower Upper

75 100

155 105.3 39.3 117.8

157 134.5 50.6 151.8

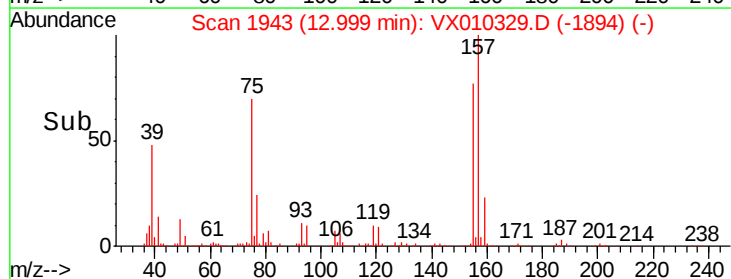
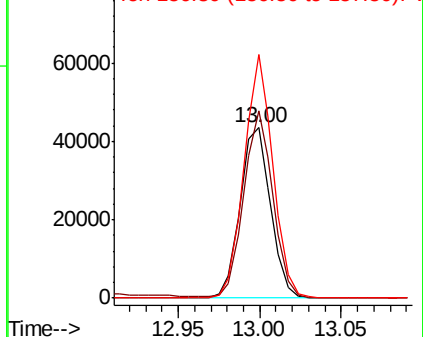


Abundance

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

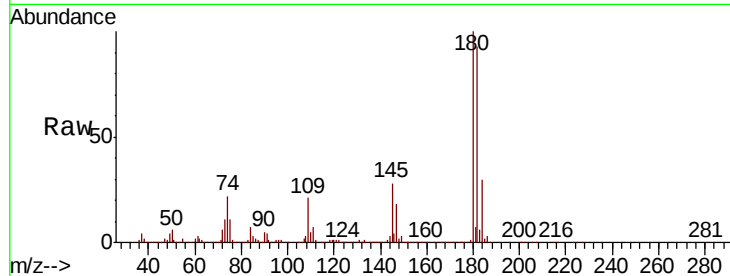




#93
 1,2,4-Trichlorobenzene
 Concen: 48.740 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010329.D
 Acq: 17 Jun 2019 17:09

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.4	142.2
145	29.3	14.5	43.5

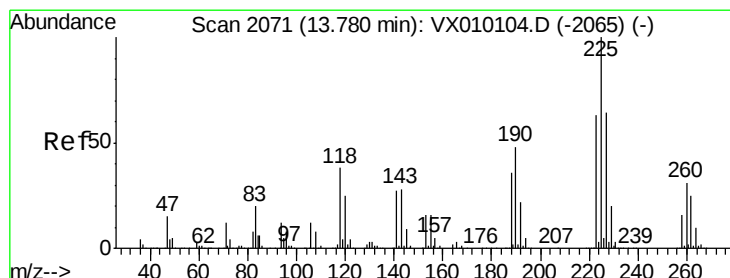
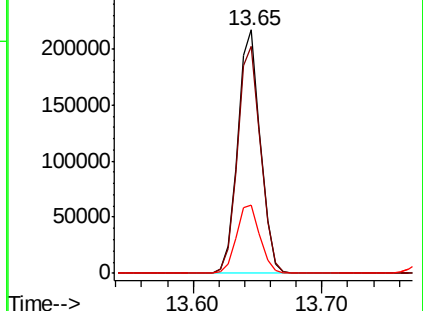
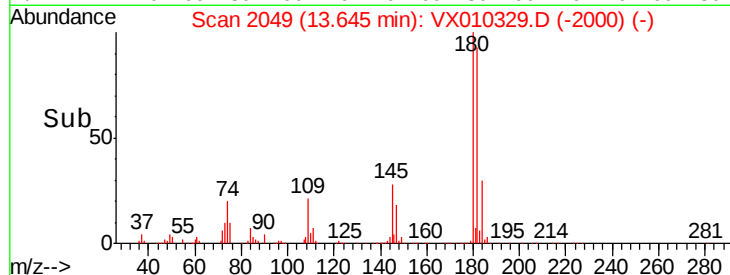


Abundance

Ion 179.80 (179.50 to 180.50): V

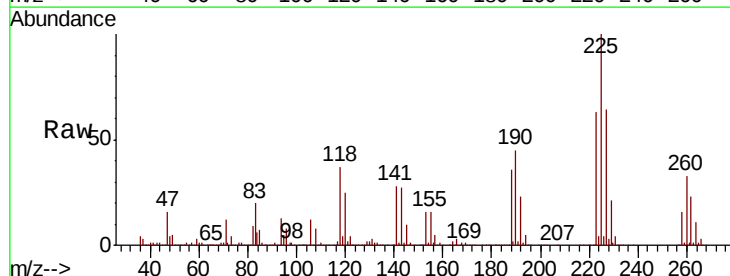
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.989 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010329.D
 Acq: 17 Jun 2019 17:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	63.9	32.3	96.8

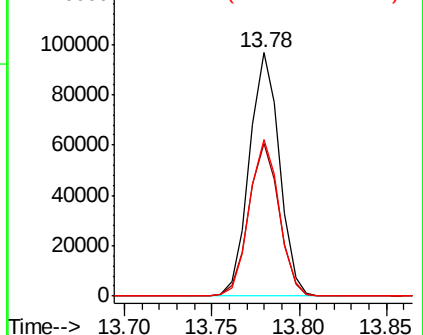
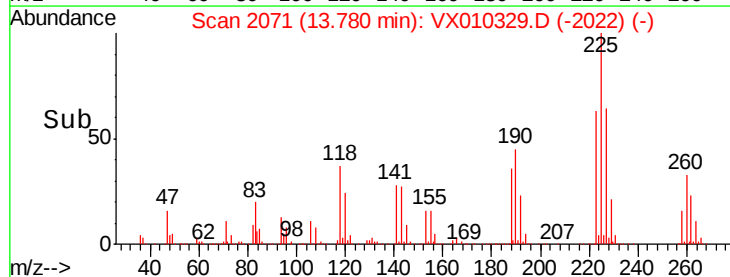


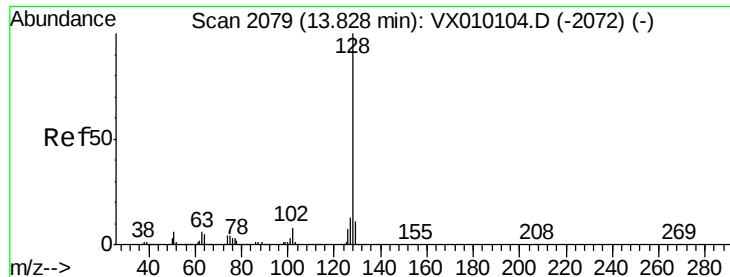
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

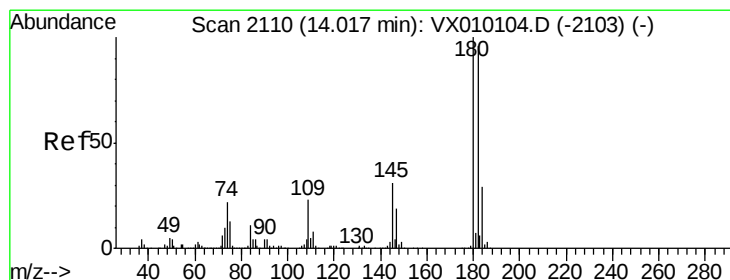
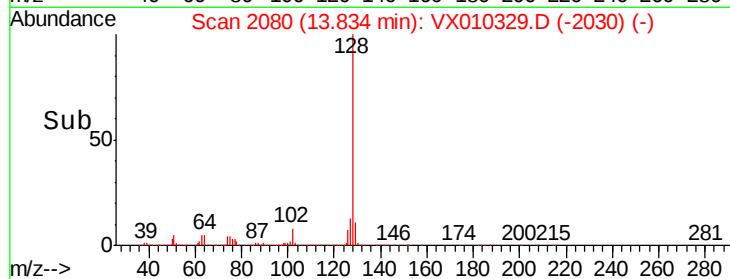
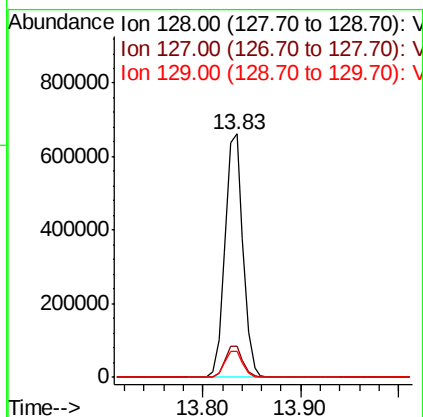
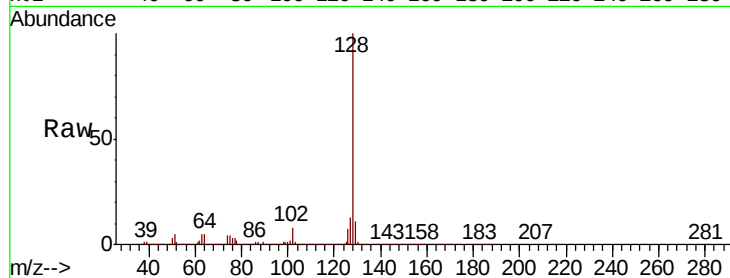




#95
Naphthalene
Concen: 49.217 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 838679
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.940 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010329.D
Acq: 17 Jun 2019 17:09

Tgt Ion:180 Resp: 261946
Ion Ratio Lower Upper
180 100
182 95.6 47.3 142.0
145 30.7 15.6 46.7

