

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010265.D
 Acq On : 12 Jun 2019 20:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:30:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	445586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	406303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212116	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142213	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
35) Dibromofluoromethane	5.50	113	143742	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
50) Toluene-d8	8.71	98	534171	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	197706	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	134837	49.946	ug/l	98
3) Chloromethane	1.32	50	129861	48.436	ug/l	99
4) Vinyl Chloride	1.41	62	146457	58.122	ug/l	99
5) Bromomethane	1.64	94	58730	61.764	ug/l	99
6) Chloroethane	1.71	64	78708	61.953	ug/l	97
7) Trichlorofluoromethane	1.92	101	216434	57.824	ug/l	97
8) Diethyl Ether	2.19	74	74000	57.361	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123985	48.054	ug/l	91
10) Methyl Iodide	2.51	142	181965	45.519	ug/l	97
11) Tert butyl alcohol	3.05	59	188834	269.161	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125037	47.447	ug/l #	79
13) Acrolein	2.29	56	35513	277.611	ug/l	98
14) Allyl chloride	2.73	41	182015	45.756	ug/l #	90
15) Acrylonitrile	3.14	53	368503	256.978	ug/l	98
16) Acetone	2.45	43	309212	229.558	ug/l #	88
17) Carbon Disulfide	2.57	76	323105	42.432	ug/l	100
18) Methyl Acetate	2.78	43	153698	51.885	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	407001	48.072	ug/l	93
20) Methylene Chloride	2.85	84	139818	47.265	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	132077	45.288	ug/l #	77
22) Diisopropyl ether	3.85	45	379353	49.879	ug/l #	90
23) Vinyl Acetate	3.81	43	1666024	245.546	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	220282	47.703	ug/l	96
25) 2-Butanone	4.67	43	511006	254.765	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	171029	40.598	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	158064	48.719	ug/l	77
28) Bromochloromethane	5.02	49	98434	47.563	ug/l #	48
29) Tetrahydrofuran	5.13	42	323747	256.830	ug/l #	75
30) Chloroform	5.21	83	234965	48.995	ug/l	99
31) Cyclohexane	5.58	56	198703	47.678	ug/l #	80
32) 1,1,1-Trichloroethane	5.49	97	210059	46.592	ug/l	94
36) 1,1-Dichloropropene	5.80	75	167566	46.094	ug/l	91
37) Ethyl Acetate	4.83	43	187715	49.628	ug/l #	92
38) Carbon Tetrachloride	5.78	117	193111	46.932	ug/l	98

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Quant Time: Jun 13 01:30:51 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	219635	44.369	ug/l #	83
40) Benzene	6.14	78	547498	48.705	ug/l	99
41) Methacrylonitrile	5.04	41	100997	49.362	ug/l #	85
42) 1,2-Dichloroethane	6.19	62	167637	46.712	ug/l	93
43) Isopropyl Acetate	6.45	43	303183	47.940	ug/l #	89
44) Trichloroethene	7.21	130	161011	47.519	ug/l	83
45) 1,2-Dichloropropane	7.51	63	136076	48.365	ug/l	97
46) Dibromomethane	7.66	93	98070	46.526	ug/l	90
47) Bromodichloromethane	7.90	83	187403	47.580	ug/l	99
48) Methyl methacrylate	7.77	41	143325	48.459	ug/l #	78
49) 1,4-Dioxane	7.74	88	85503	1013.960	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	987006	261.246	ug/l	90
52) Toluene	8.78	92	357108	48.328	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	205834	45.181	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	223865	45.836	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	151808	50.164	ug/l	96
56) Ethyl methacrylate	9.18	69	234532	49.061	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	231128	48.512	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	547127	242.781	ug/l #	86
59) 2-Hexanone	9.49	43	772412	256.420	ug/l	88
60) Dibromochloromethane	9.58	129	172745	48.260	ug/l	99
61) 1,2-Dibromoethane	9.67	107	163367	48.471	ug/l	100
64) Tetrachloroethene	9.34	164	148228	49.120	ug/l	95
65) Chlorobenzene	10.13	112	408998	48.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	156875	48.646	ug/l	99
67) Ethyl Benzene	10.25	91	685899	48.047	ug/l	93
68) m/p-Xylenes	10.36	106	529830	95.911	ug/l	90
69) o-Xylene	10.69	106	264112	48.096	ug/l	89
70) Styrene	10.71	104	459004	49.353	ug/l	94
71) Bromoform	10.85	173	143158	48.289	ug/l	99
73) Isopropylbenzene	11.02	105	694886	46.929	ug/l	95
74) N-amyl acetate	10.90	43	278389	47.562	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	238758	47.105	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	265851	62.660	ug/l	83
77) Bromobenzene	11.26	156	193757	47.584	ug/l	80
78) n-propylbenzene	11.36	91	775533	47.046	ug/l	95
79) 2-Chlorotoluene	11.42	91	456119	46.070	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	575355	46.133	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	83243	43.349	ug/l	85
82) 4-Chlorotoluene	11.51	91	520047	46.240	ug/l	91
83) tert-Butylbenzene	11.77	119	589564	46.706	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	588994	46.755	ug/l	97
85) sec-Butylbenzene	11.94	105	694437	47.221	ug/l	96
86) p-Isopropyltoluene	12.06	119	634400	47.188	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	344195	47.990	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	340223	47.056	ug/l	98
89) n-Butylbenzene	12.38	91	543459	46.961	ug/l	97
90) Hexachloroethane	12.59	117	120876	45.134	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	334690	48.000	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52228	43.789	ug/l	64

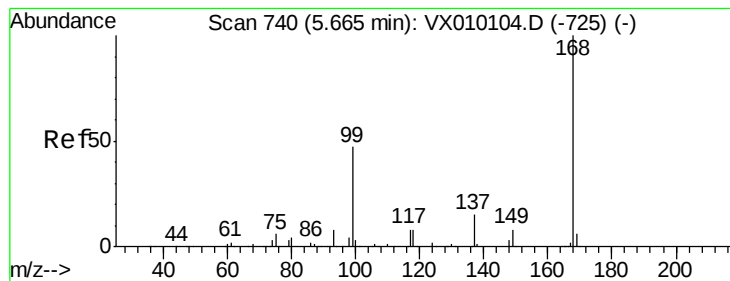
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	241183	47.254	ug/l	100
94) Hexachlorobutadiene	13.78	225	112253	49.453	ug/l	99
95) Naphthalene	13.83	128	775697	48.279	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	244474	48.444	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

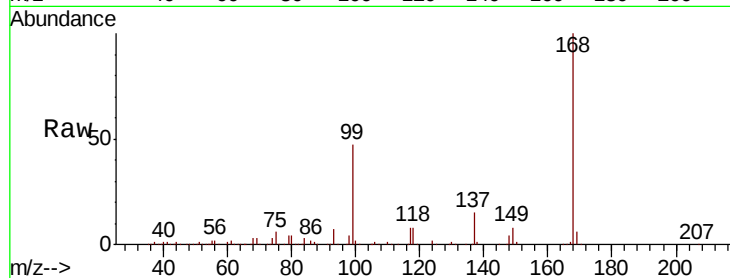
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 293394

Ion Ratio Lower Upper

168 100

99 46.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

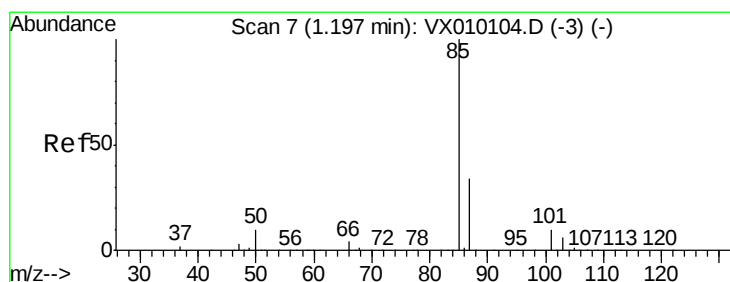
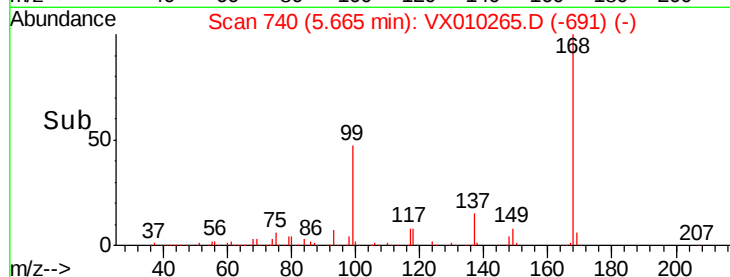
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.946 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010265.D

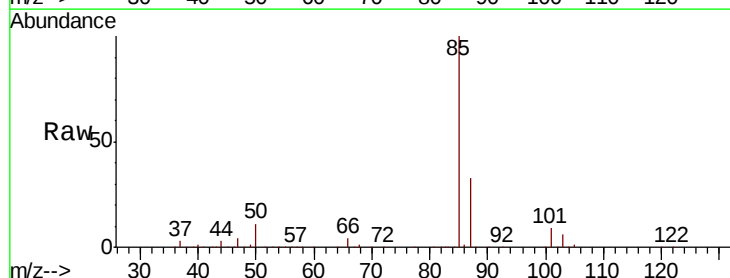
Acq: 12 Jun 2019 20:51

Tgt Ion: 85 Resp: 134837

Ion Ratio Lower Upper

85 100

87 33.3 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

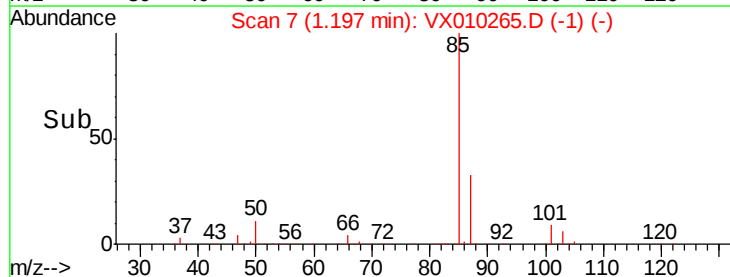
150000

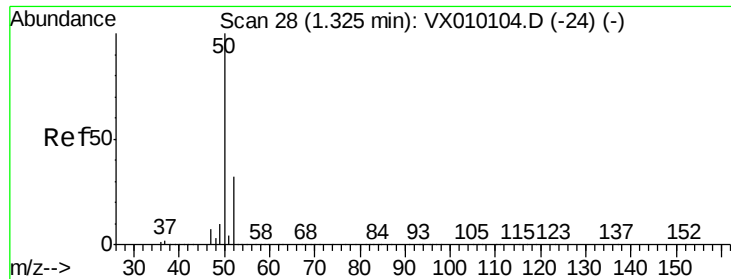
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.436 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

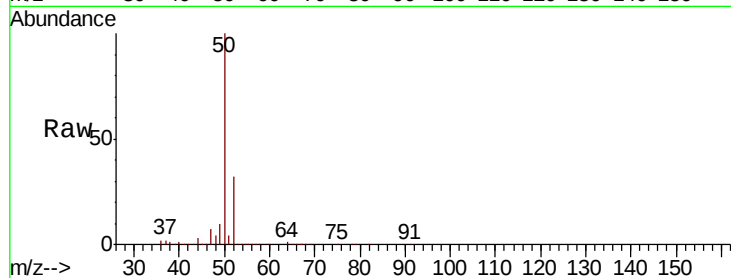
ClientSampleId :

Tot Ion: 50 Resp: 129861

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

60000

40000

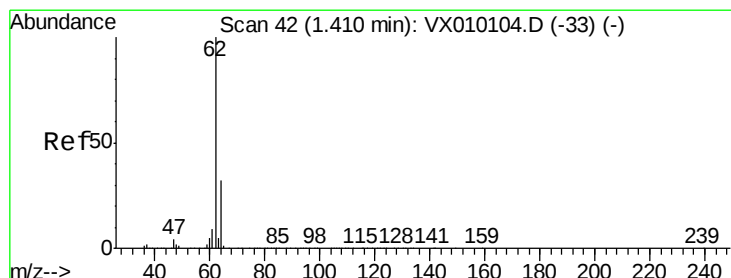
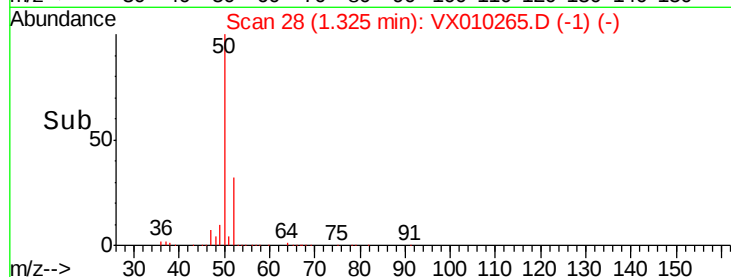
20000

0

Time-->

1.25 1.30 1.35 1.40

1.32



#4

Vinyl Chloride

Concen: 58.122 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010265.D

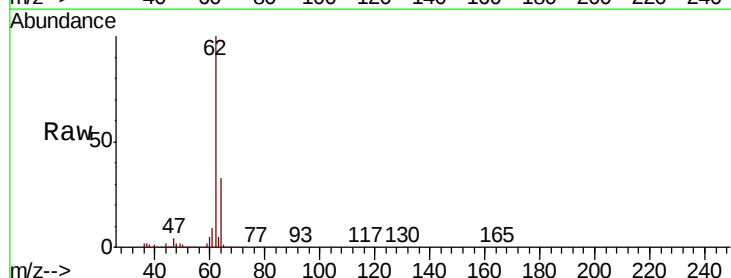
Acq: 12 Jun 2019 20:51

Tgt Ion: 62 Resp: 146457

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

150000

100000

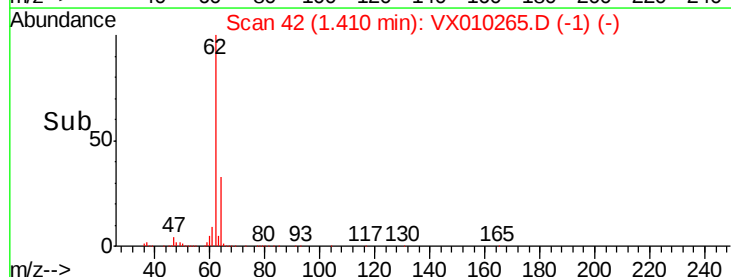
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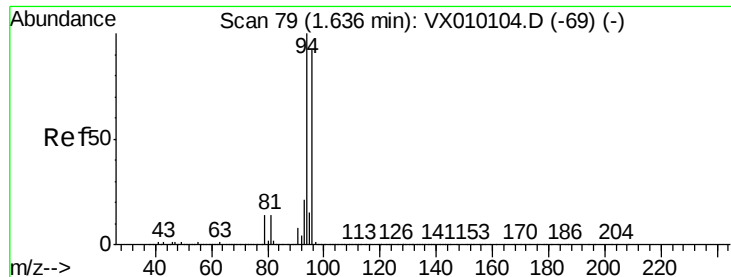
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Time-->

1.35 1.40 1.45 1.50

1.41





#5

Bromomethane

Concen: 61.764 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

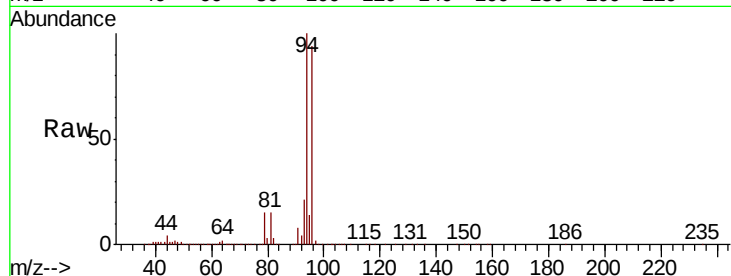
ClientSampleId :

Tot Ion: 94 Resp: 58730

Ion Ratio Lower Upper

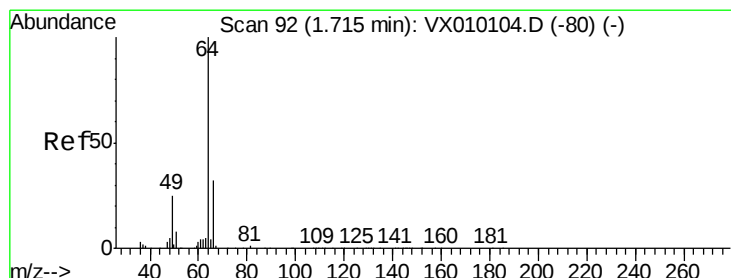
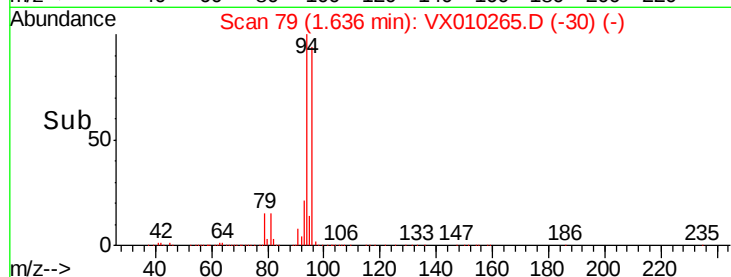
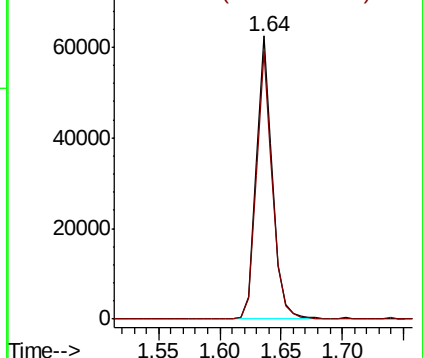
94 100

96 94.4 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: 61.953 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010265.D

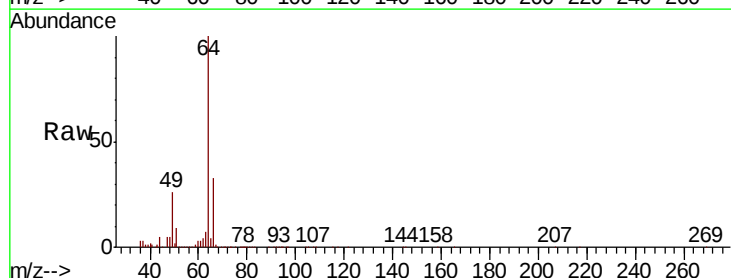
Acq: 12 Jun 2019 20:51

Tgt Ion: 64 Resp: 78708

Ion Ratio Lower Upper

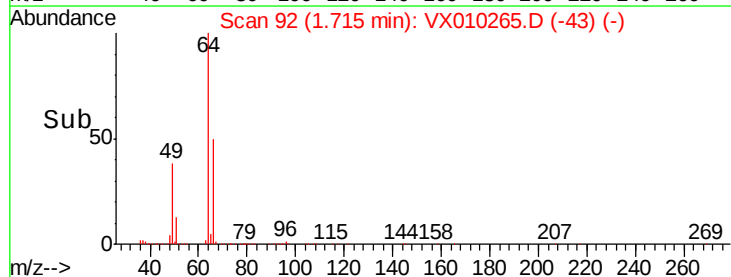
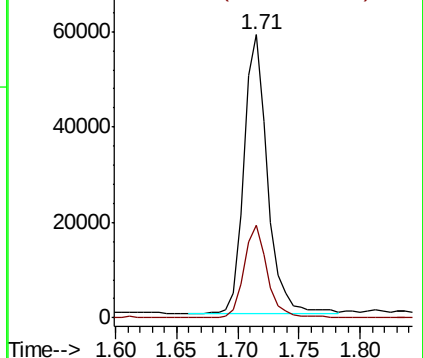
64 100

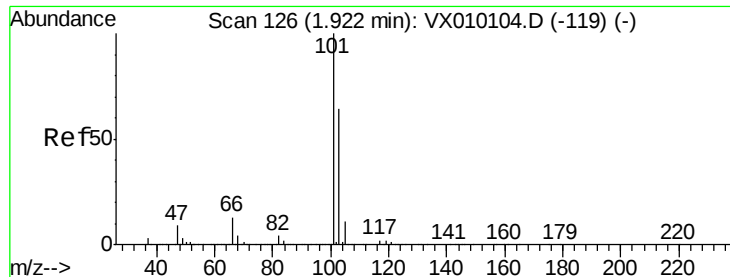
66 32.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



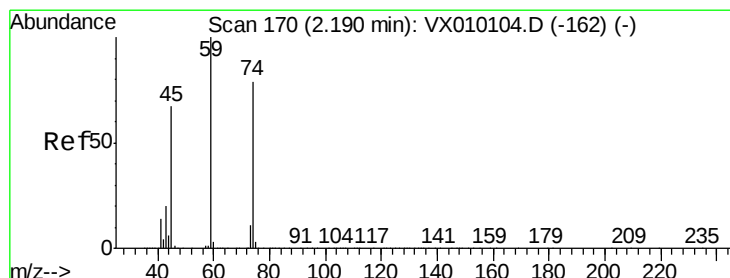
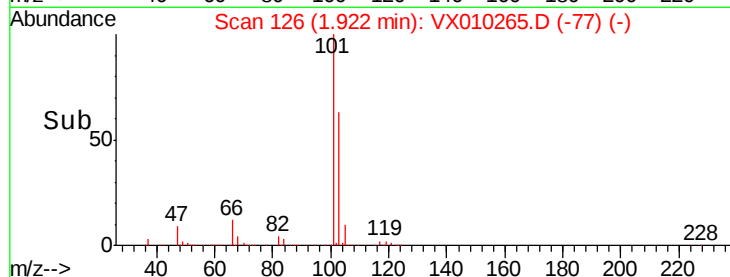
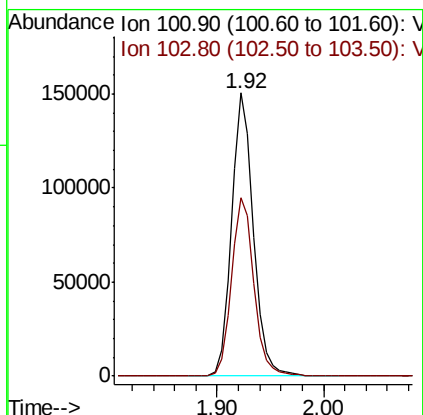
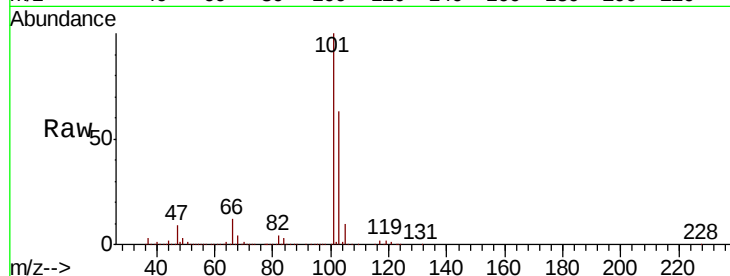


#7

Trichlorofluoromethane
 Concen: 57.824 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :

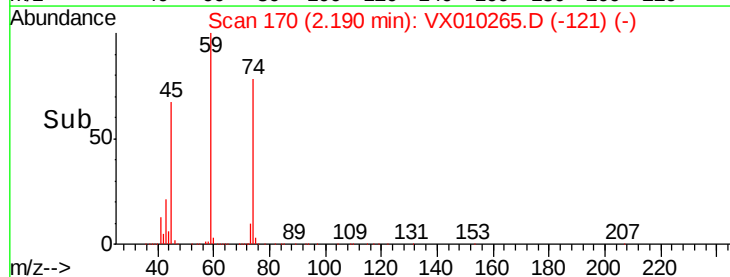
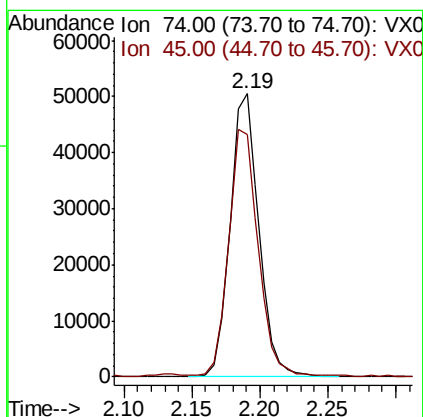
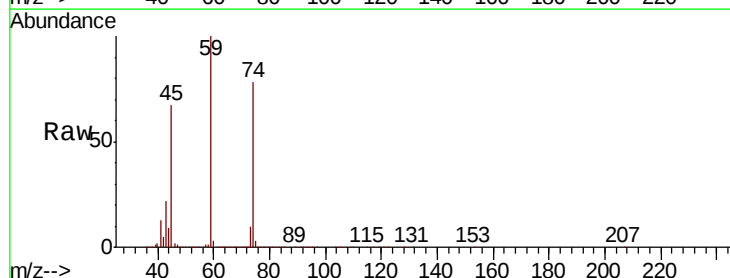
Tot Ion:101 Resp: 216434
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.2 78.4

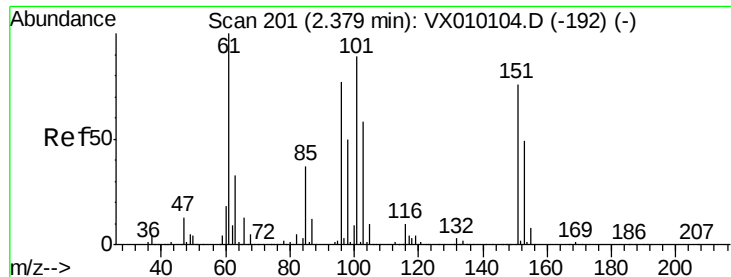


#8

Diethyl Ether
 Concen: 57.361 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

Tgt Ion: 74 Resp: 74000
 Ion Ratio Lower Upper
 74 100
 45 89.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.054 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

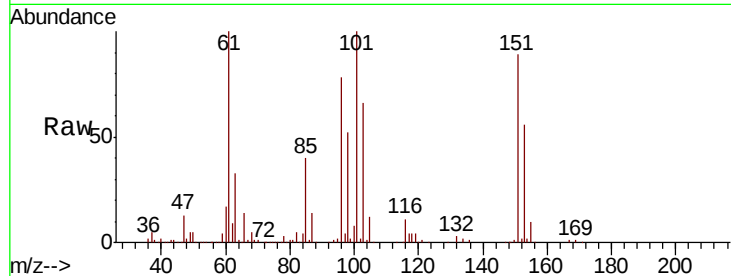
Tot Ion:101 Resp: 123985

Ion Ratio Lower Upper

101 100

85 41.4 35.2 52.8

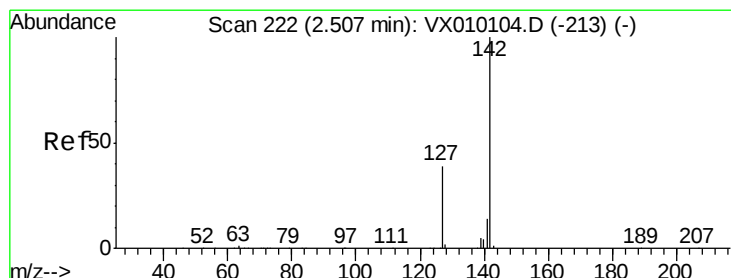
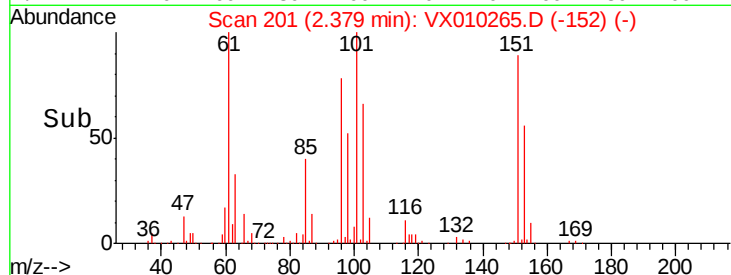
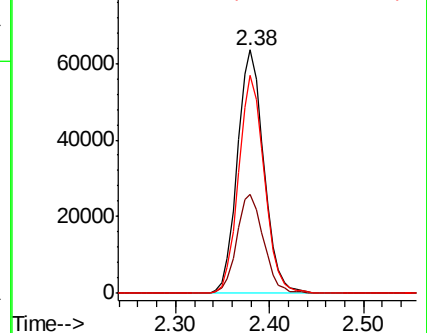
151 87.3 61.9 92.9



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: 45.519 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

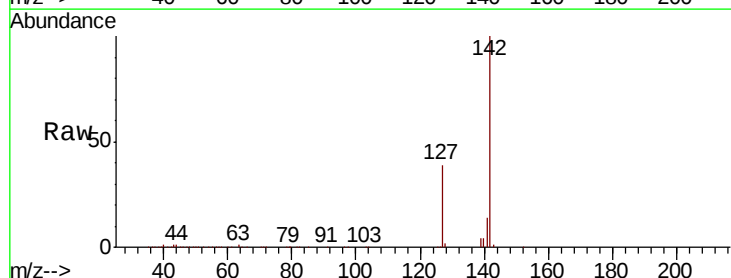
Tgt Ion:142 Resp: 181965

Ion Ratio Lower Upper

142 100

127 38.6 33.0 49.4

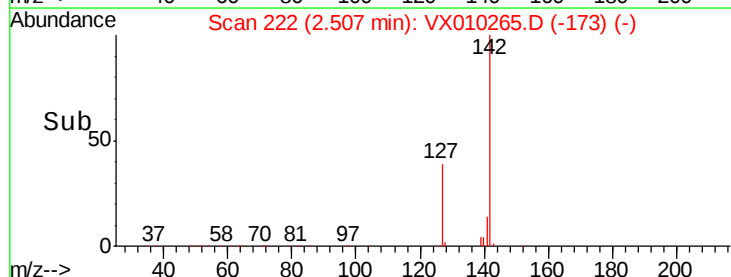
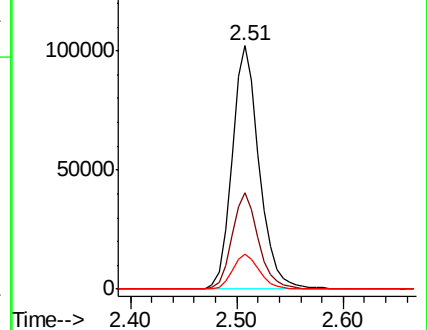
141 14.4 11.4 17.0

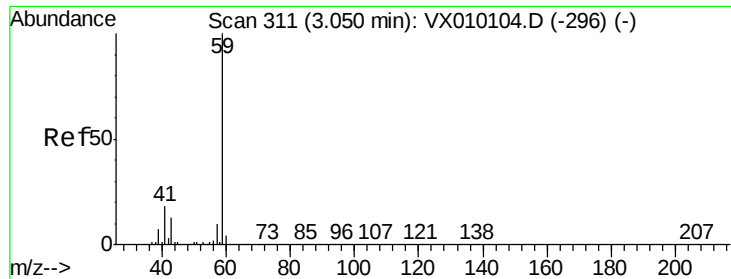


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



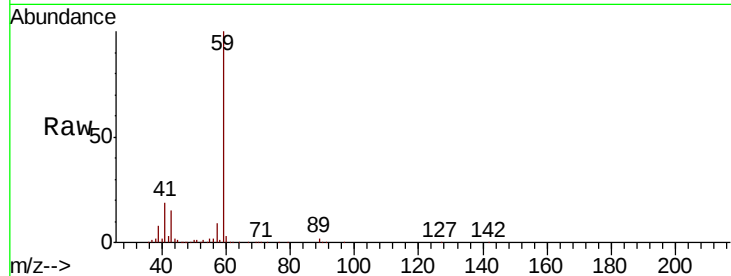


#11

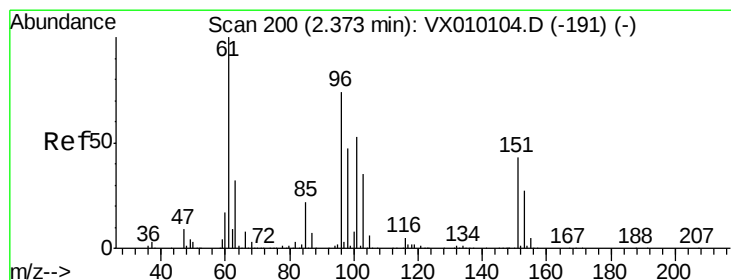
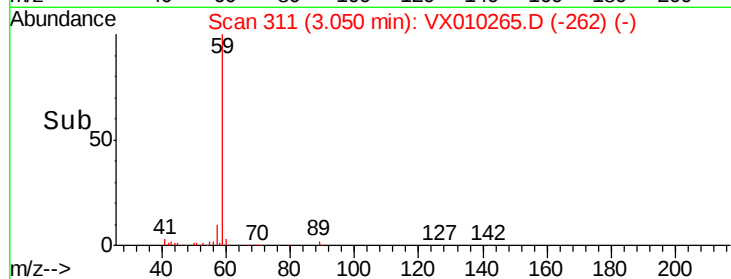
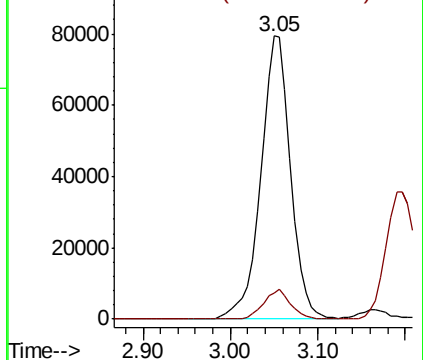
Tert butyl alcohol
Concen: 269.161 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 188834
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2



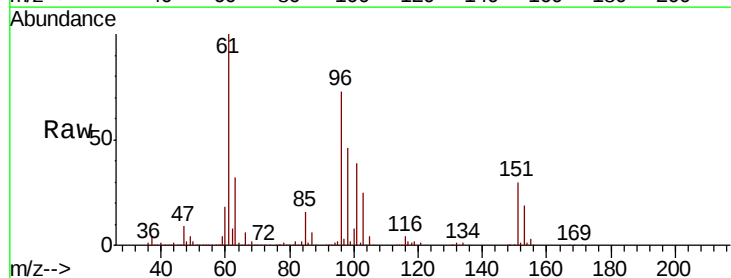
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



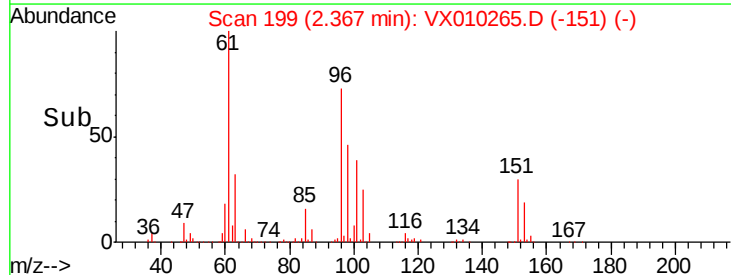
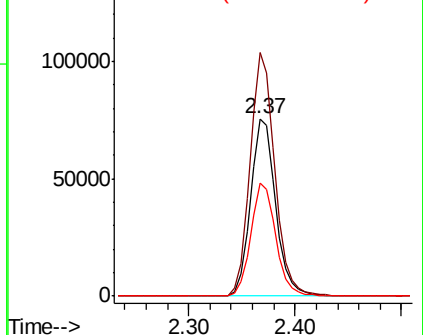
#12

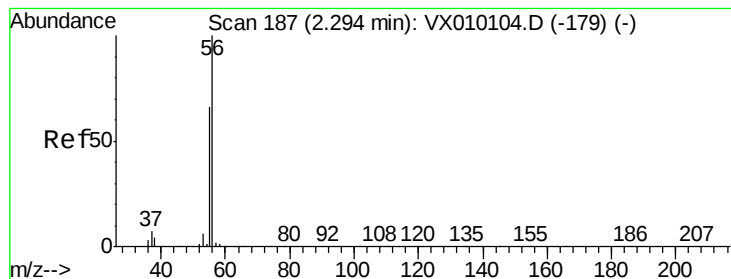
1,1-Dichloroethene
Concen: 47.447 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion: 96 Resp: 125037
Ion Ratio Lower Upper
96 100
61 137.2 140.7 211.1#
98 63.6 50.1 75.1



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





#13

Acrolein

Concen: 277.611 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

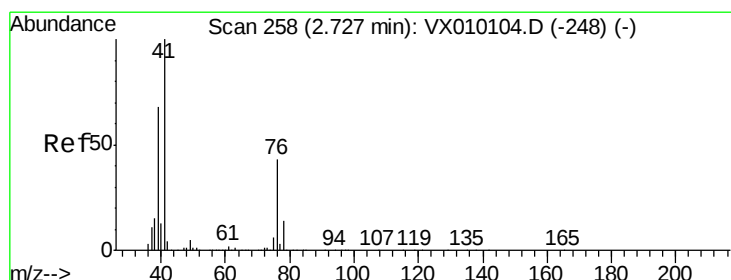
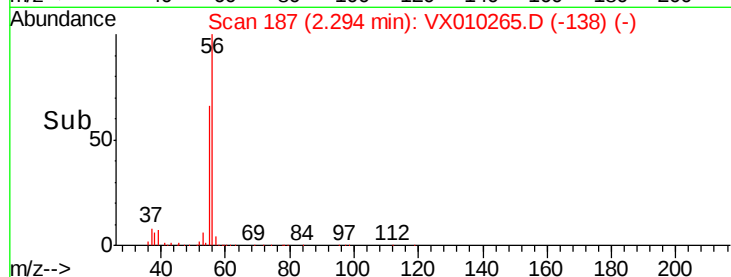
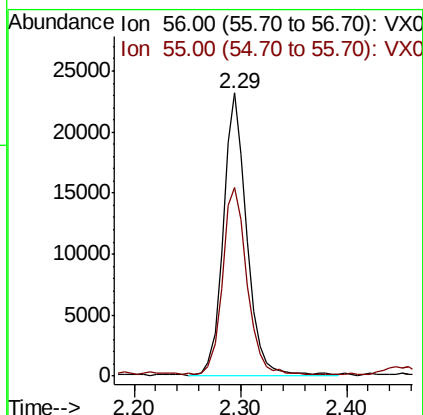
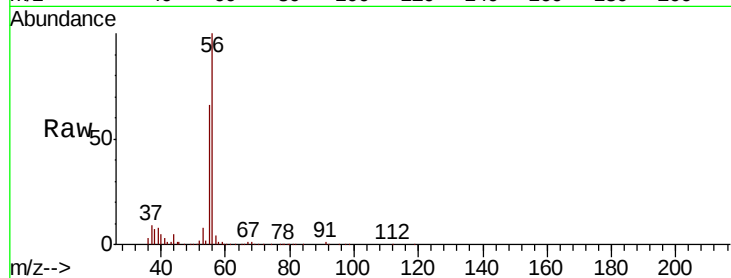
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 35513

Ion Ratio Lower Upper

56 100

55 69.6 57.0 85.4



#14

Allyl chloride

Concen: 45.756 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

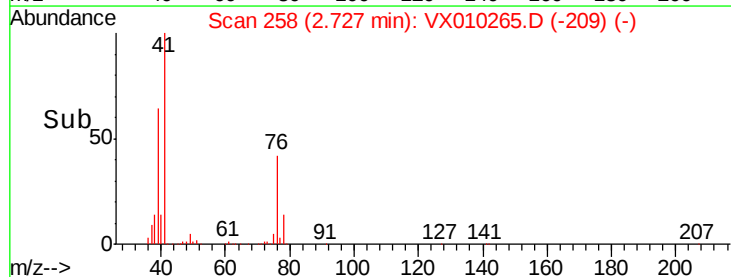
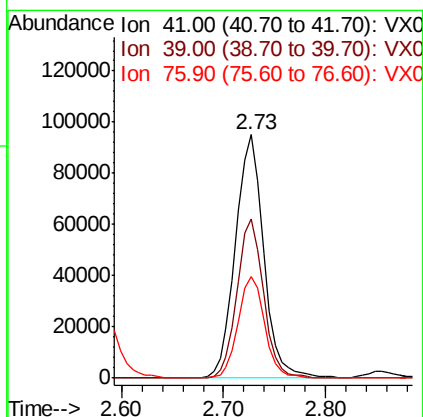
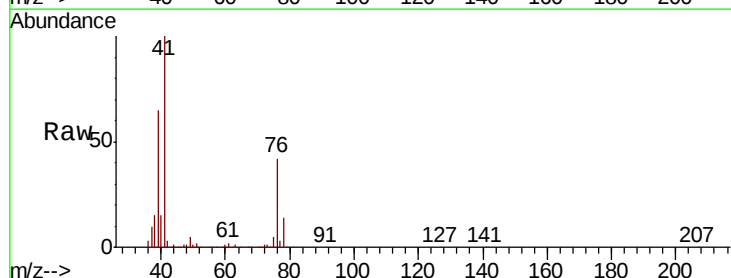
Tgt Ion: 41 Resp: 182015

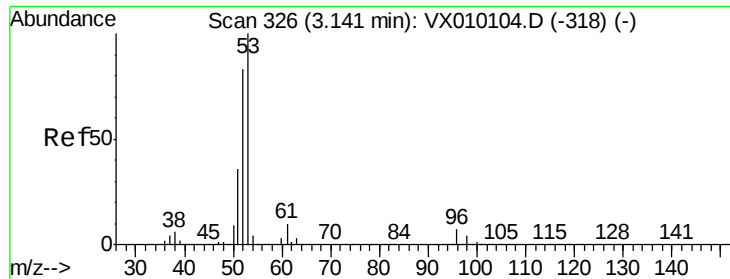
Ion Ratio Lower Upper

41 100

39 61.2 46.7 70.1

76 39.1 21.0 31.4#





#15

Acrylonitrile

Concen: 256.978 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

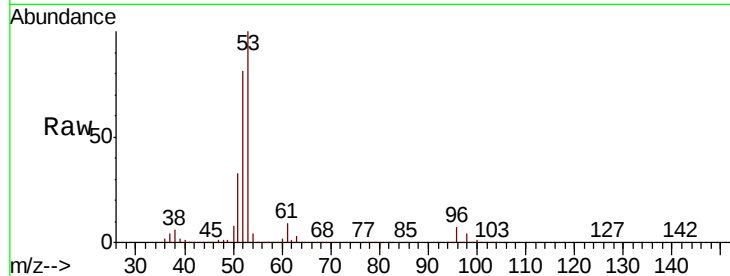
Tot Ion: 53 Resp: 368503

Ion Ratio Lower Upper

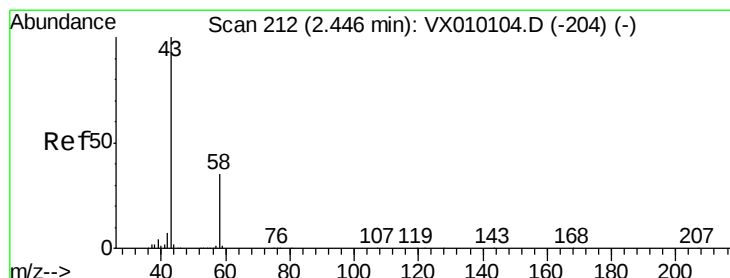
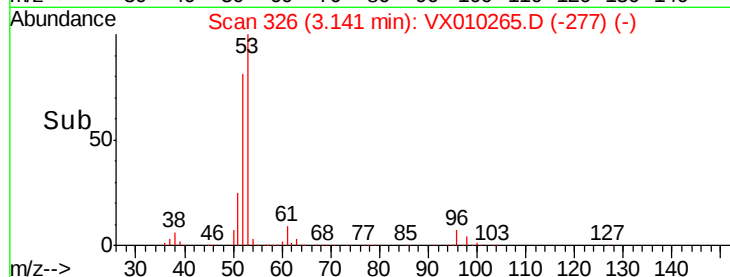
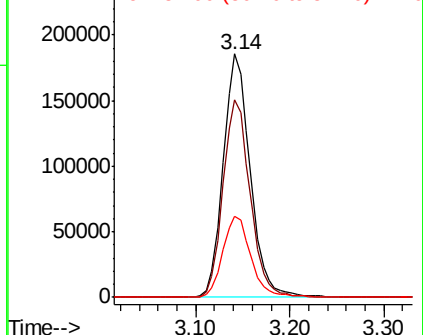
53 100

52 82.2 66.7 100.1

51 34.7 28.8 43.2



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



#16

Acetone

Concen: 229.558 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010265.D

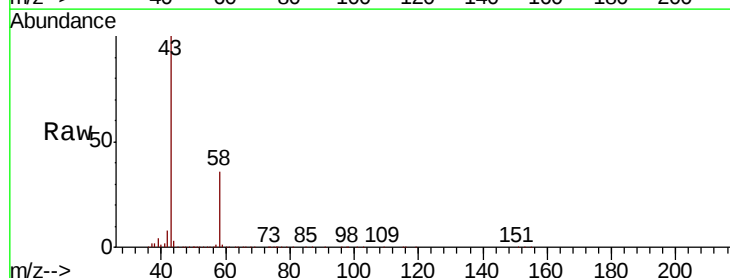
Acq: 12 Jun 2019 20:51

Tgt Ion: 43 Resp: 309212

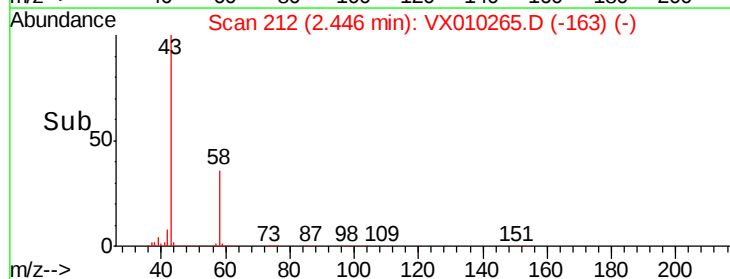
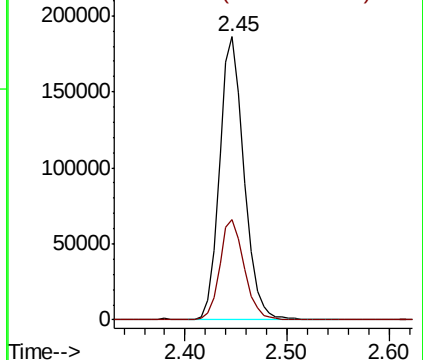
Ion Ratio Lower Upper

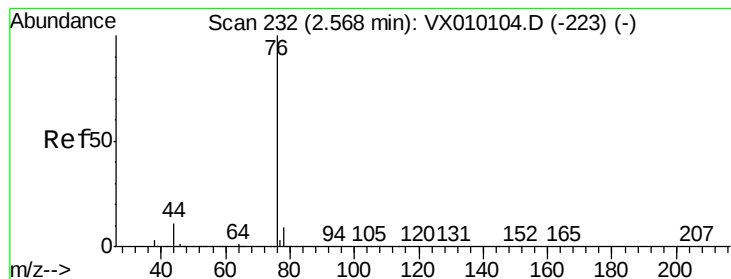
43 100

58 35.7 23.2 34.8#



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





#17

Carbon Disulfide

Concen: 42.432 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

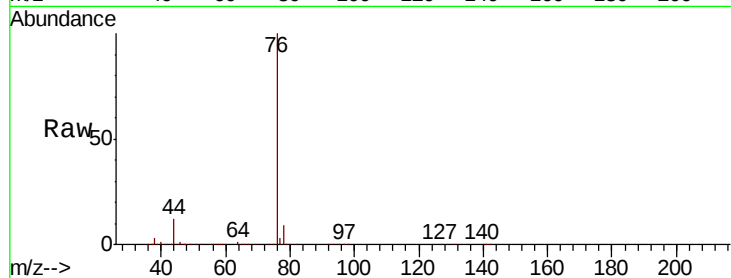
ClientSampleId :

Tot Ion: 76 Resp: 323105

Ion Ratio Lower Upper

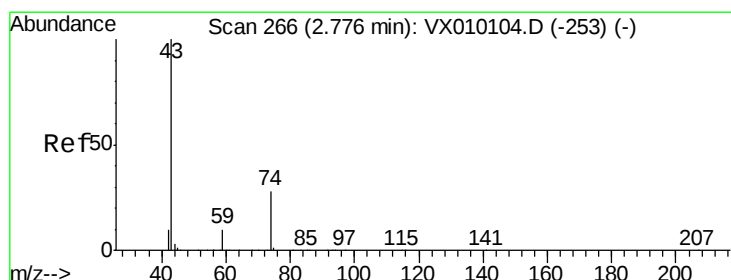
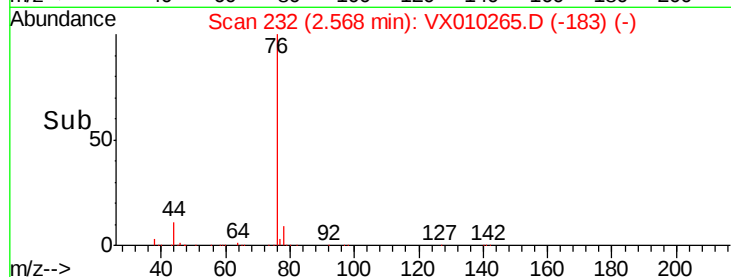
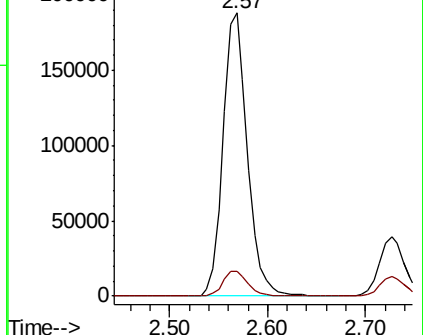
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.885 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010265.D

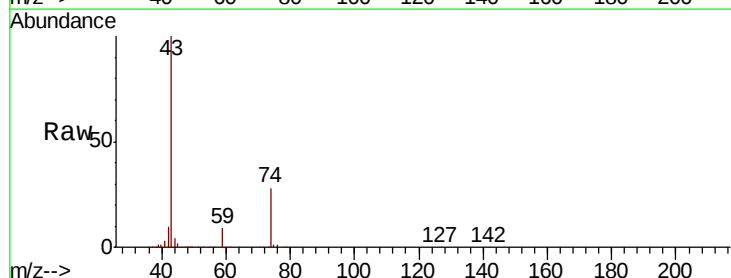
Acq: 12 Jun 2019 20:51

Tgt Ion: 43 Resp: 153698

Ion Ratio Lower Upper

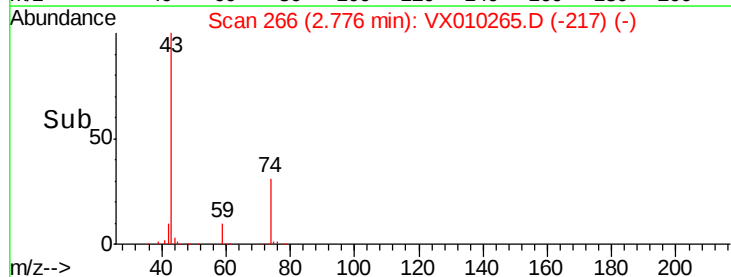
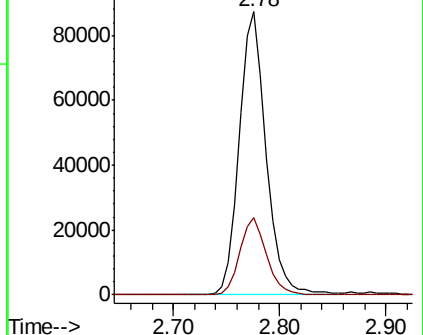
43 100

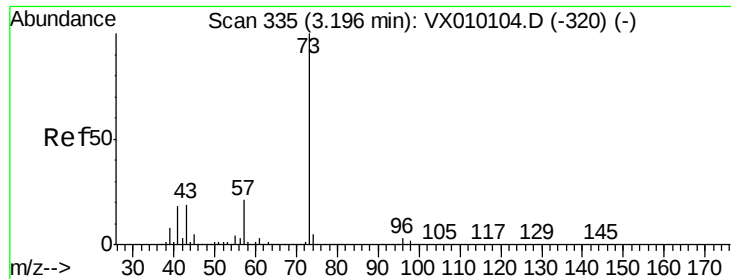
74 27.7 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

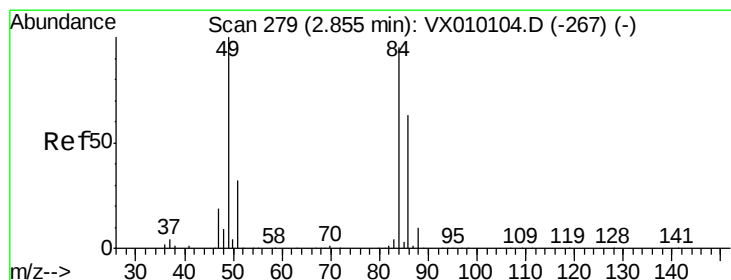
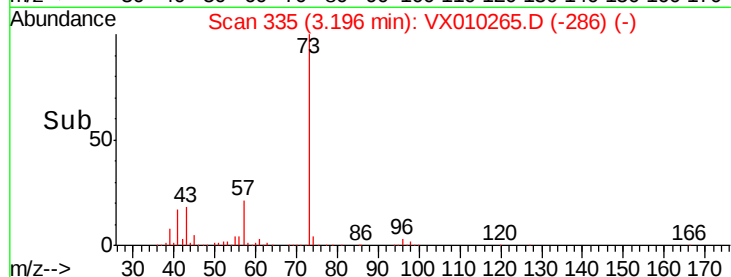
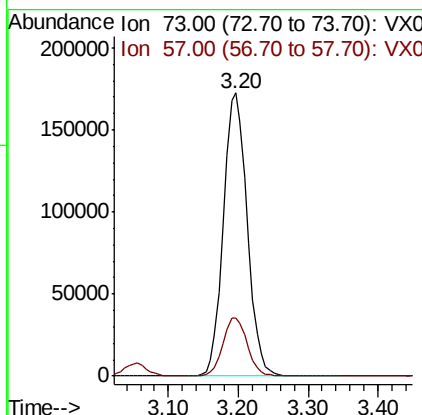
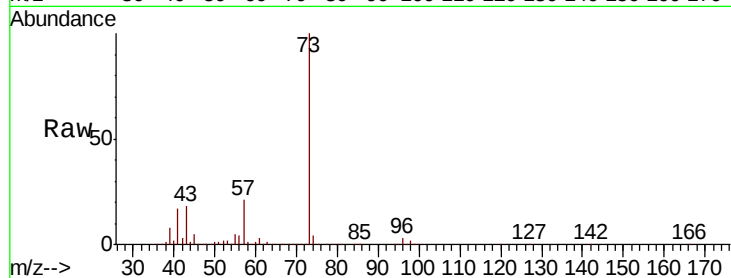




#19
Methvl tert-butvl Ether
Concen: 48.072 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

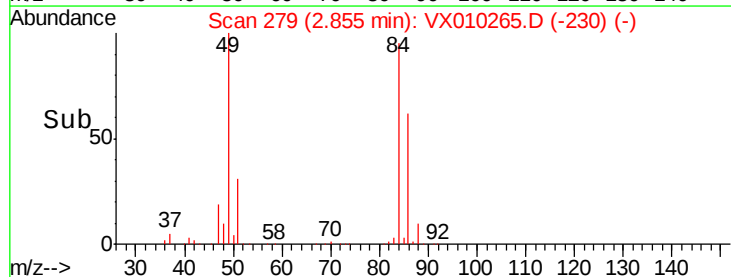
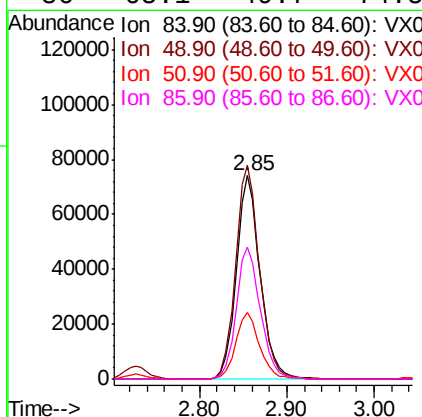
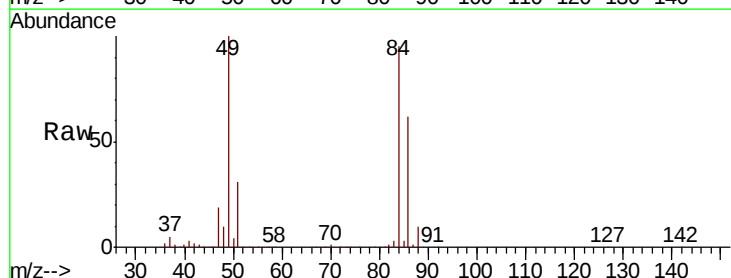
Instrument :
MSVOA_X
ClientSampleId :

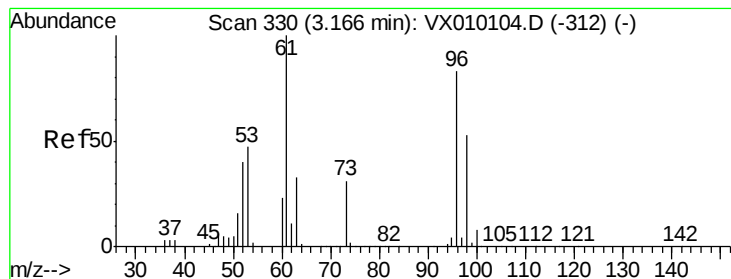
Tot Ion: 73 Resp: 407001
Ion Ratio Lower Upper
73 100
57 20.7 19.4 29.2



#20
Methylene Chloride
Concen: 47.265 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion: 84 Resp: 139818
Ion Ratio Lower Upper
84 100
49 105.0 115.8 173.6#
51 32.9 34.4 51.6#
86 65.1 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 45.288 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampled :

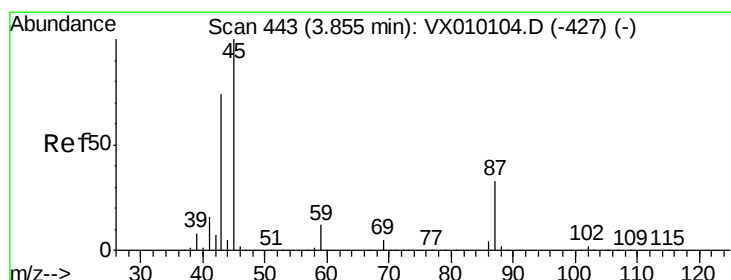
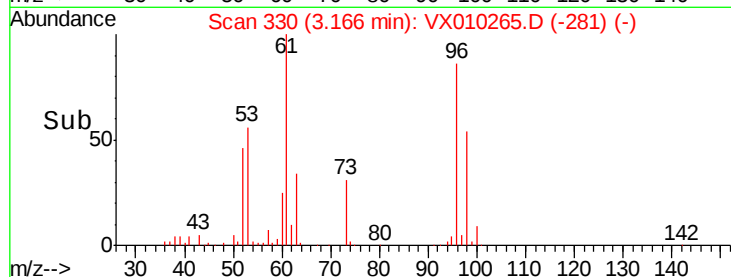
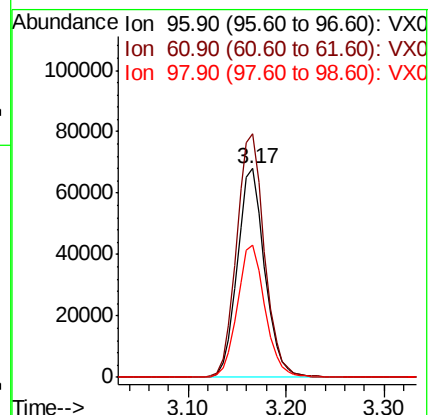
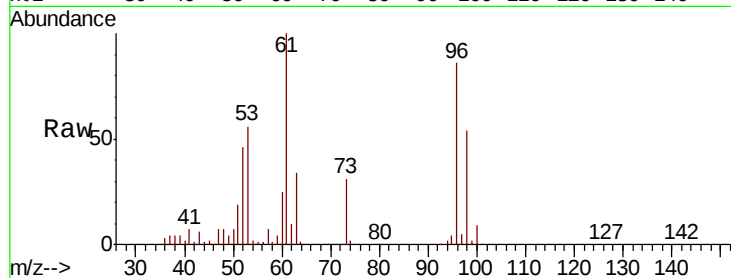
Tot Ion: 96 Resp: 132077

Ion Ratio Lower Upper

96 100

61 116.6 125.7 188.5#

98 63.1 49.0 73.6



#22

Diisopropyl ether

Concen: 49.879 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Tgt Ion: 45 Resp: 379353

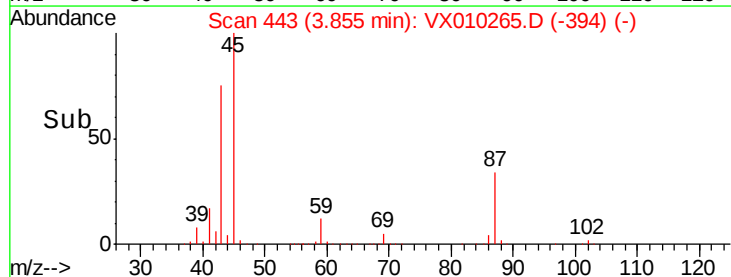
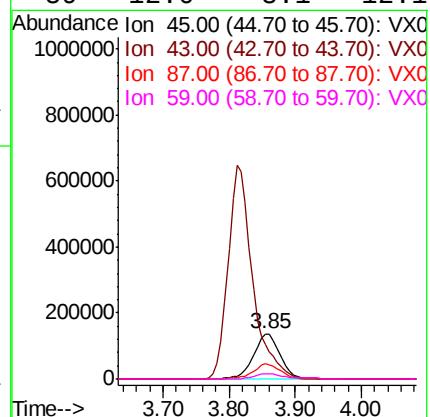
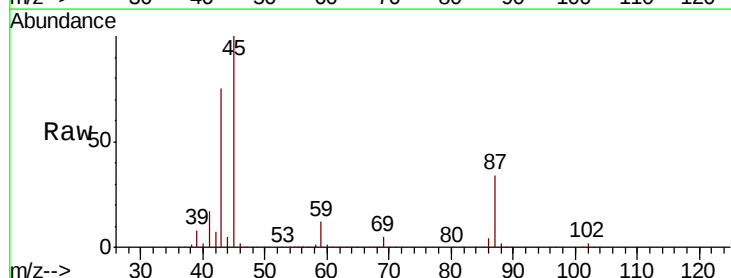
Ion Ratio Lower Upper

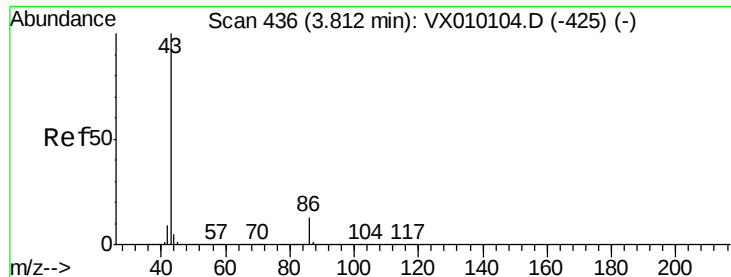
45 100

43 75.0 65.0 97.4

87 33.9 17.3 25.9#

59 12.0 8.1 12.1





#23

Vinyl Acetate

Concen: 245.546 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

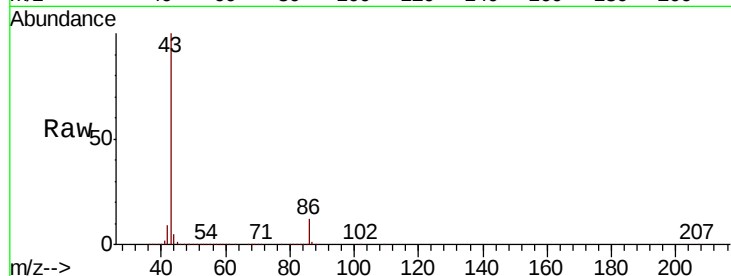
ClientSampleId :

Tot Ion: 43 Resp: 1666024

Ion Ratio Lower Upper

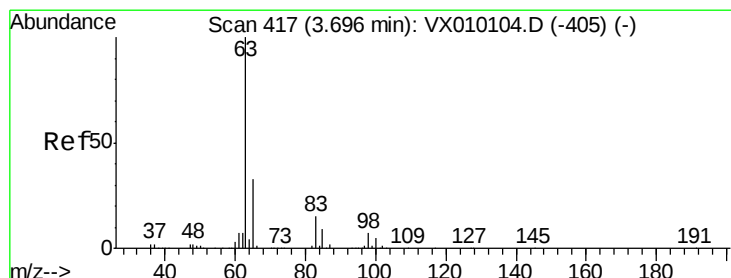
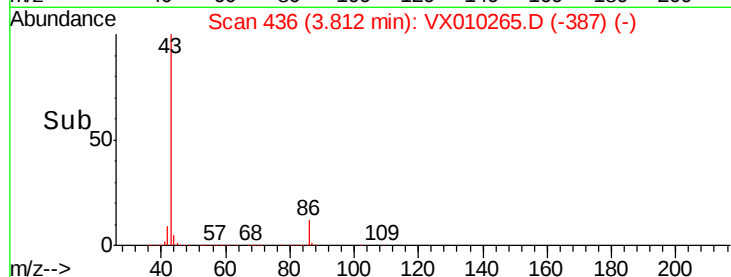
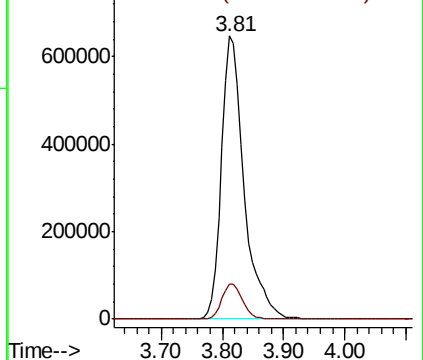
43 100

86 12.2 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: 47.703 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

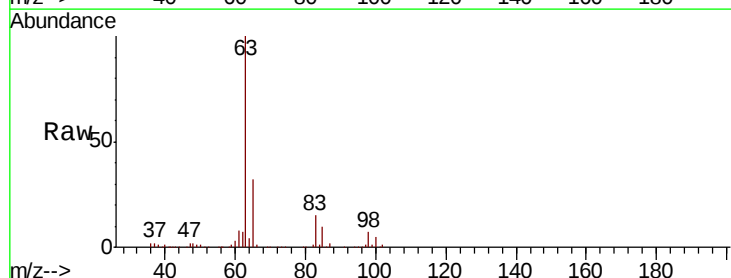
Tgt Ion: 63 Resp: 220282

Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.8

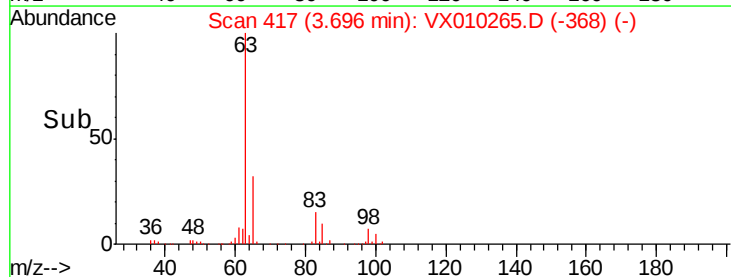
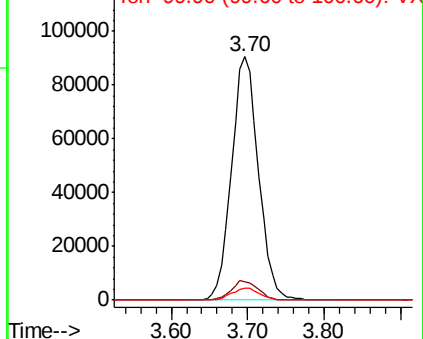
100 4.9 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 254.765 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

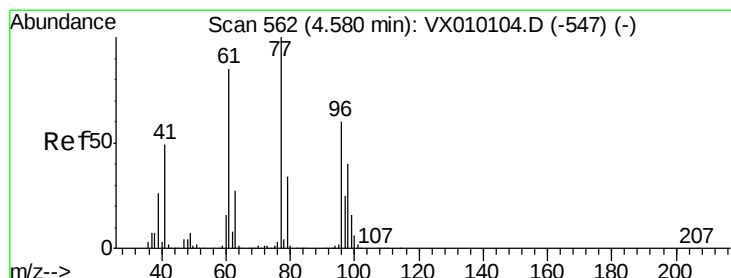
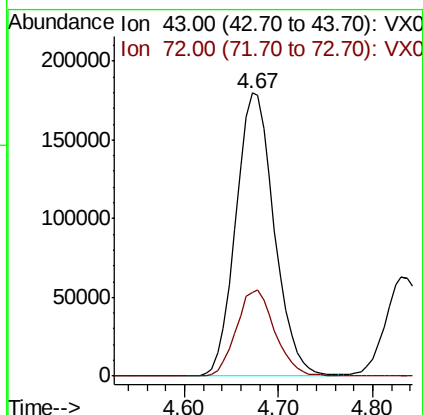
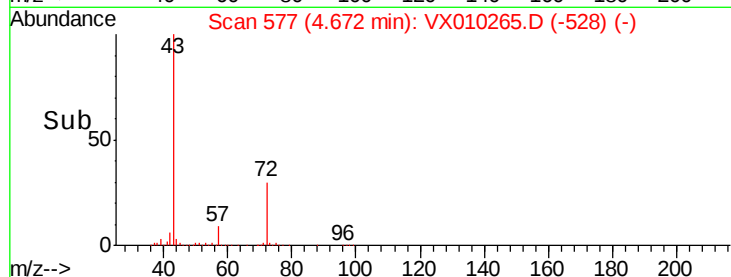
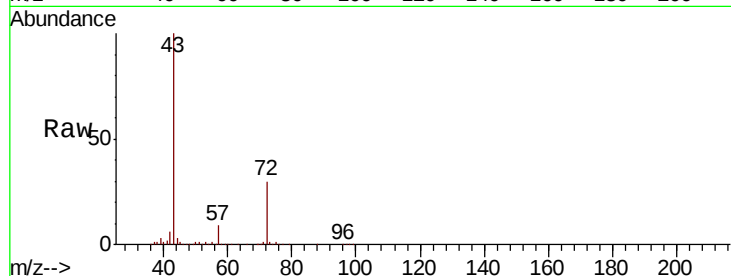
ClientSampled :

Tot Ion: 43 Resp: 511006

Ion Ratio Lower Upper

43 100

72 29.4 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 40.598 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010265.D

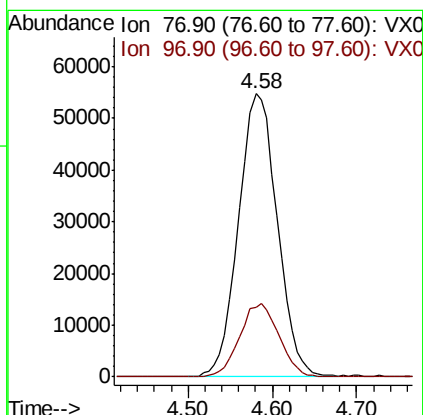
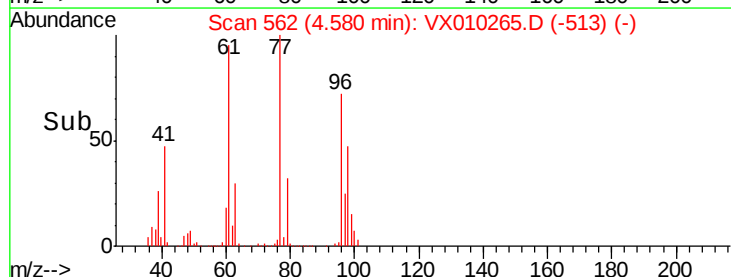
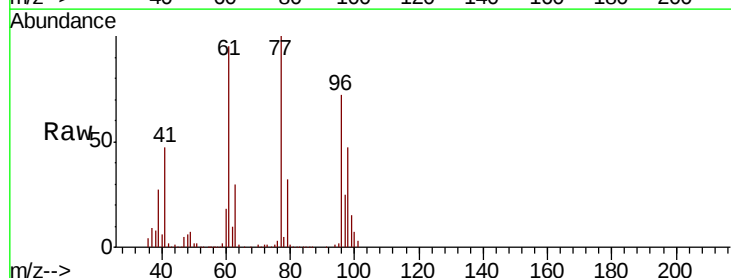
Acq: 12 Jun 2019 20:51

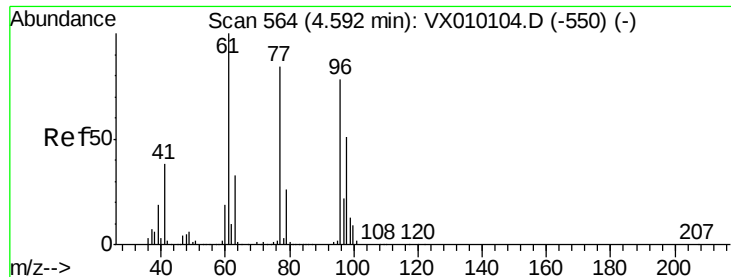
Tgt Ion: 77 Resp: 171029

Ion Ratio Lower Upper

77 100

97 26.3 11.4 34.2



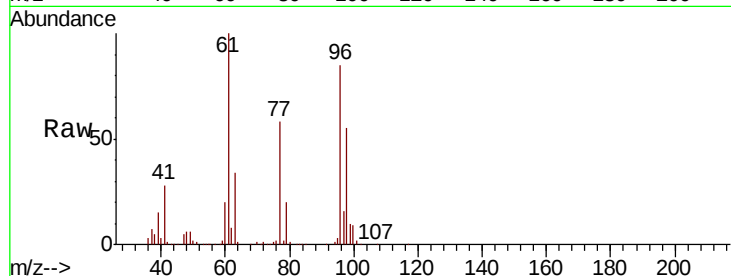


#27

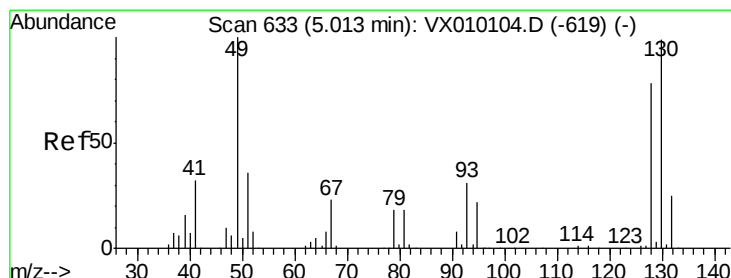
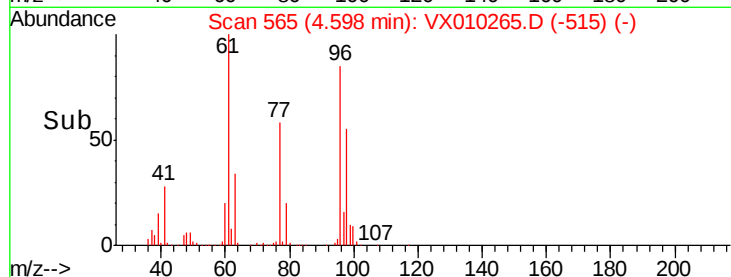
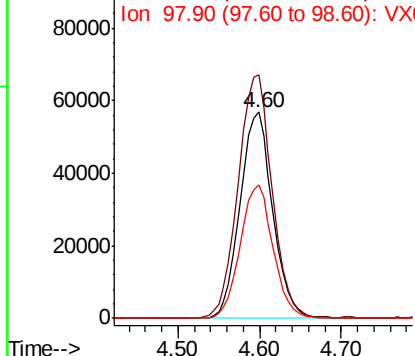
cis-1,2-Dichloroethene
Concen: 48.719 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.1	0.0	334.0
98	65.3	0.0	131.6



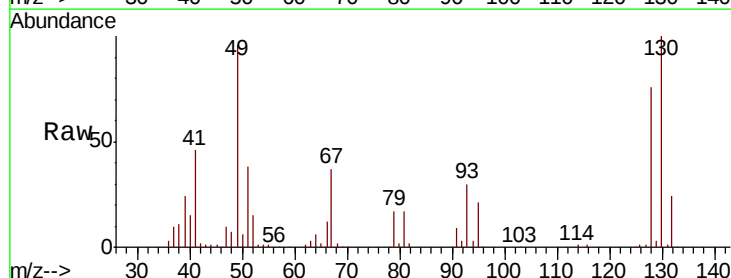
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



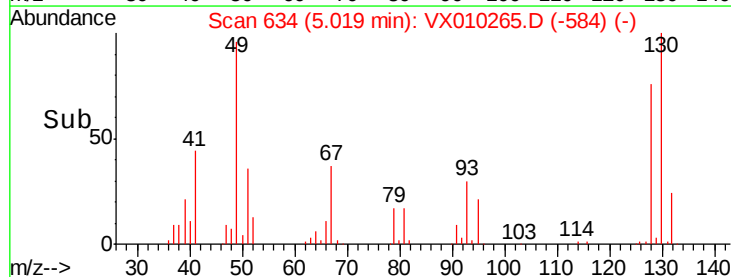
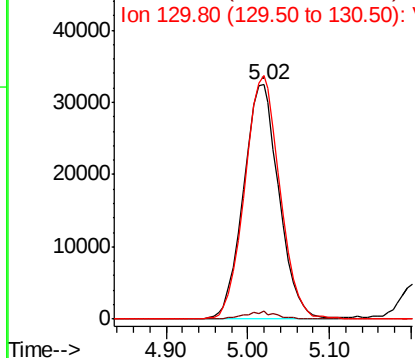
#28

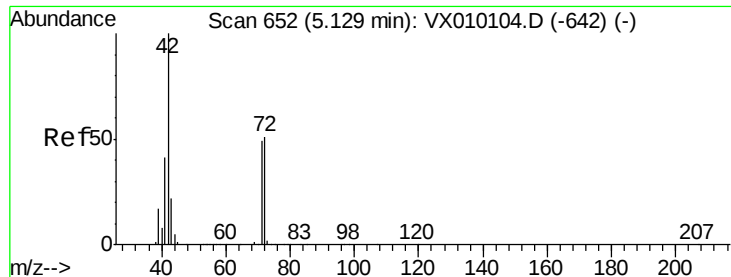
Bromochloromethane
Concen: 47.563 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	3.4
130	102.5	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: 256.830 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

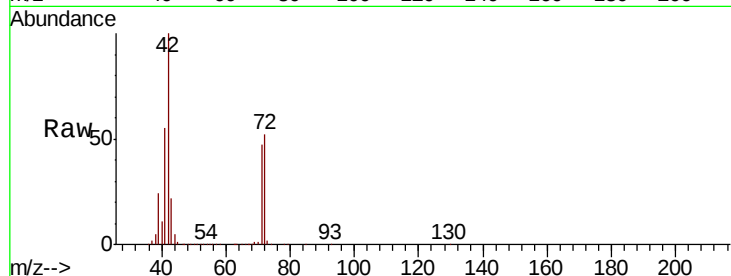
Tot Ion: 42 Resp: 323747

Ion Ratio Lower Upper

42 100

72 52.0 29.2 43.8#

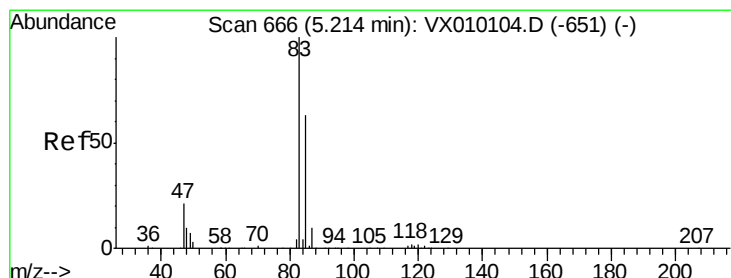
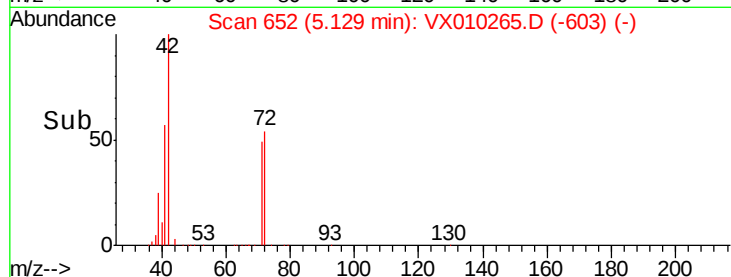
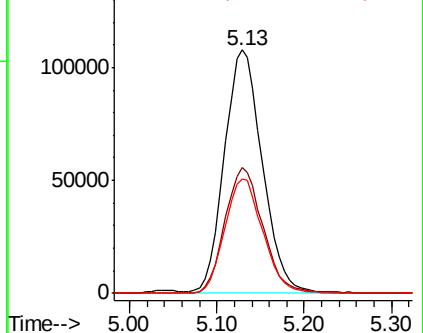
71 47.7 27.6 41.4#



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: 48.995 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010265.D

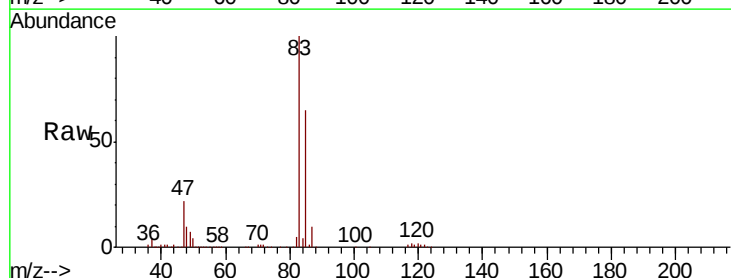
Acq: 12 Jun 2019 20:51

Tgt Ion: 83 Resp: 234965

Ion Ratio Lower Upper

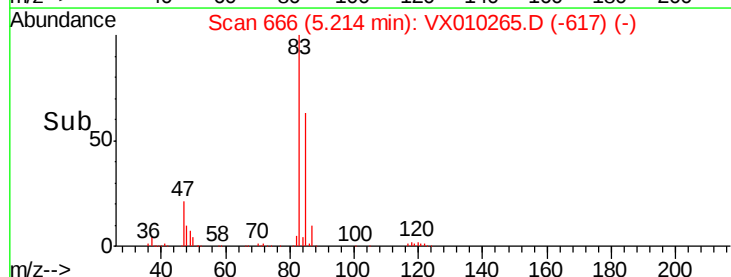
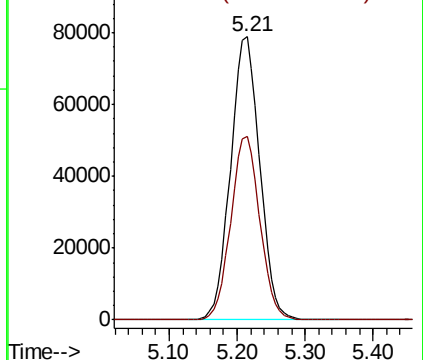
83 100

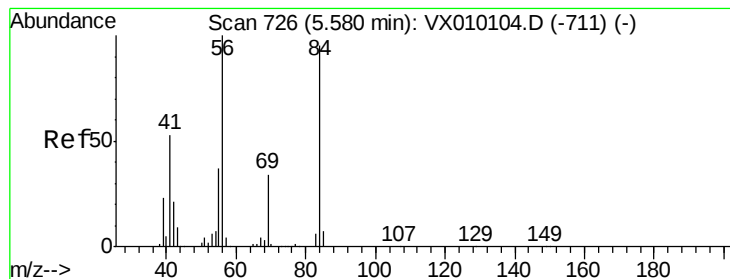
85 64.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.678 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

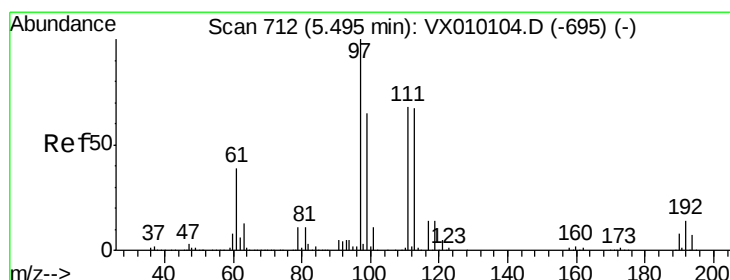
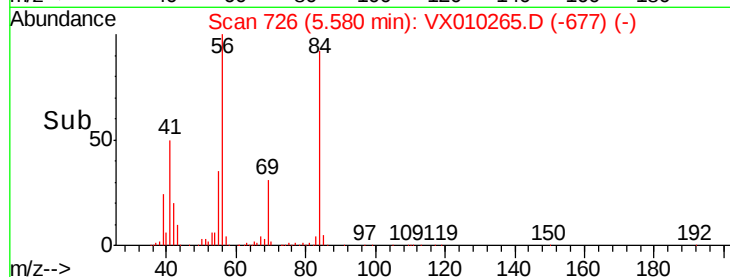
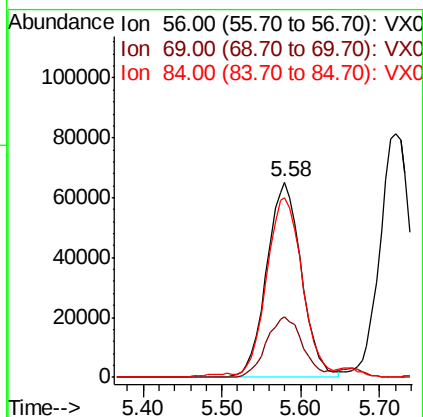
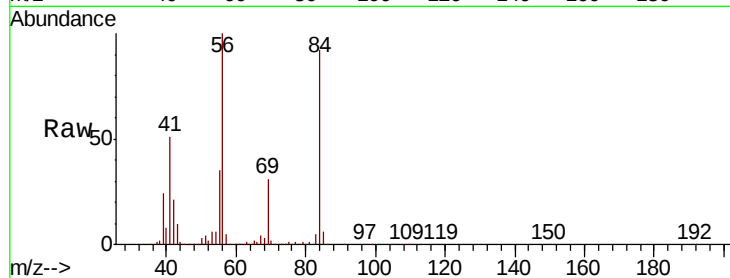
Tot Ion: 56 Resp: 198703

Ion Ratio Lower Upper

56 100

69 30.9 21.6 32.4

84 91.8 56.8 85.2#



#32

1,1,1-Trichloroethane

Concen: 46.592 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

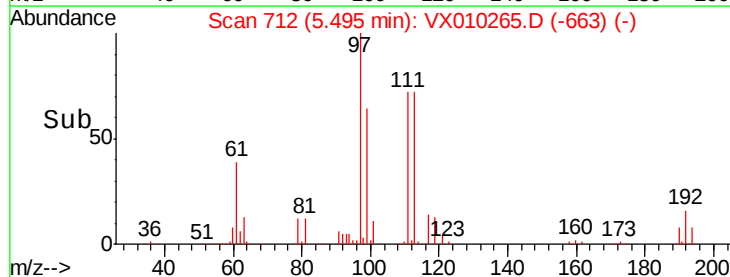
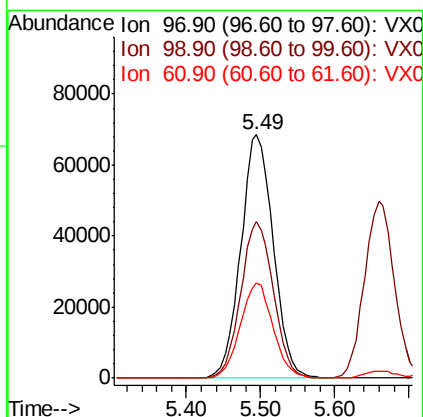
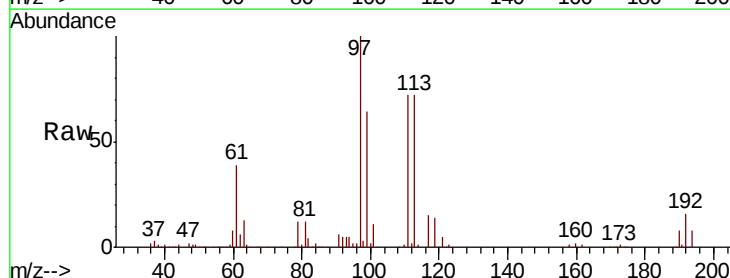
Tgt Ion: 97 Resp: 210059

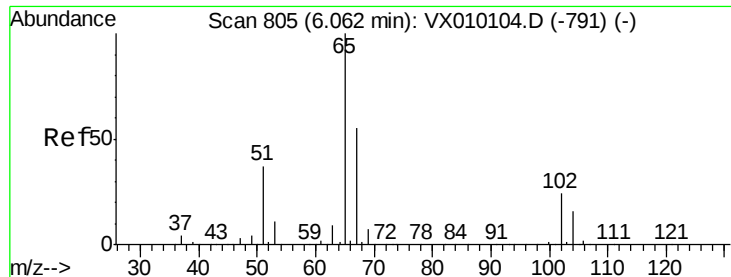
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 39.3 38.7 58.1

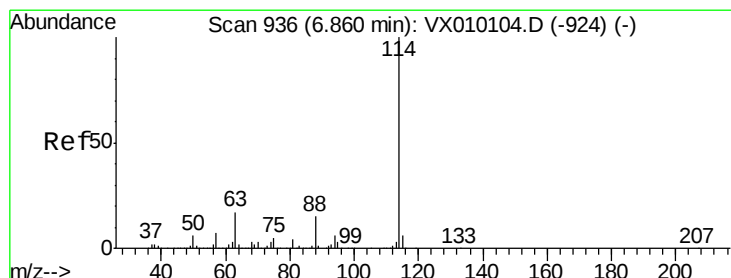
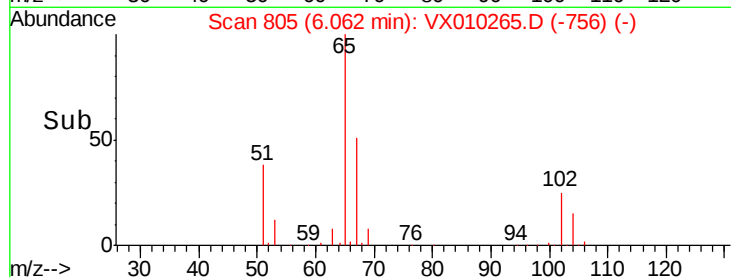
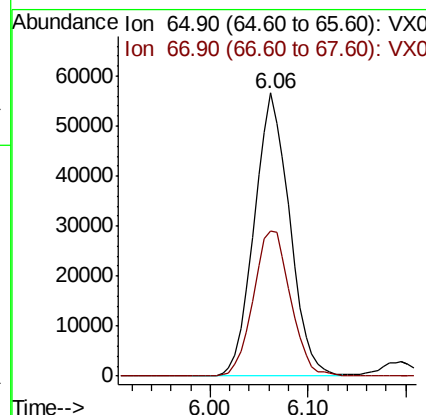
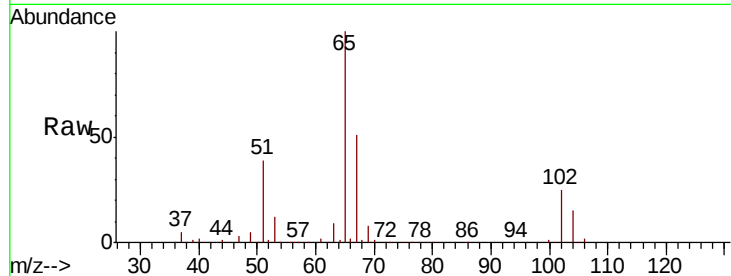




#33
 1,2-Dichloroethane-d4
 Concen: 49.658 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

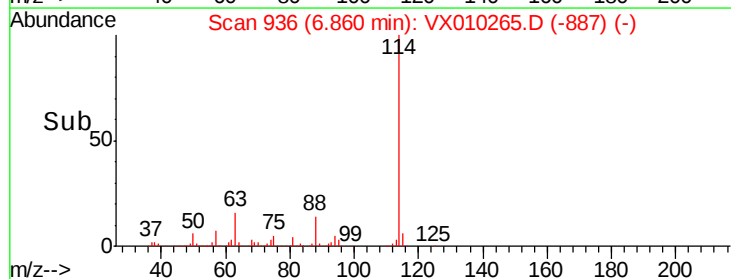
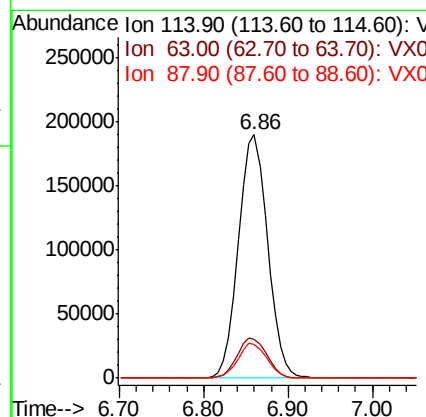
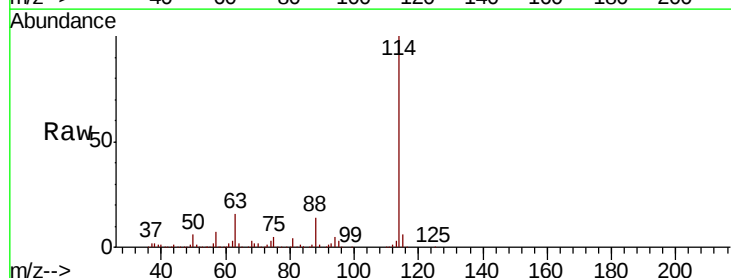
Instrument :
 MSVOA_X
 ClientSampleId :

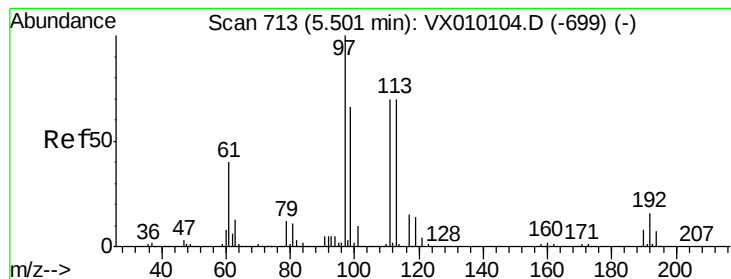
Tot Ion: 65 Resp: 142213
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

Tgt Ion: 114 Resp: 445586
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 47.4
 88 13.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.299 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

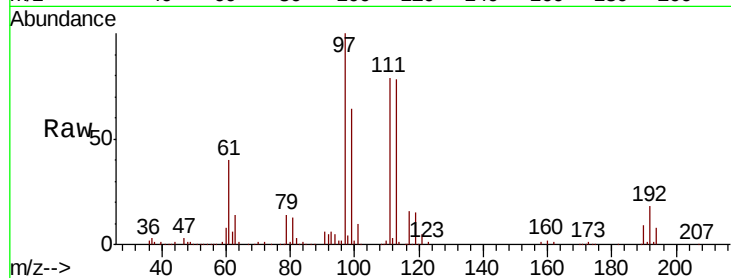
Tot Ion:113 Resp: 143742

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.2

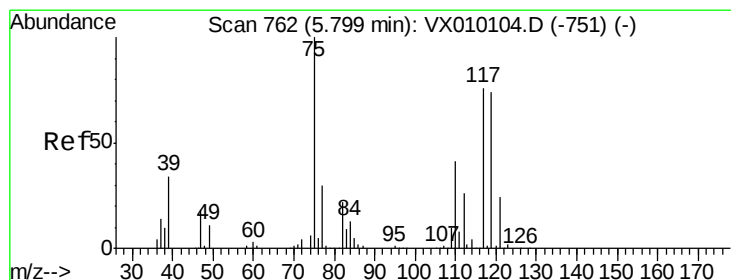
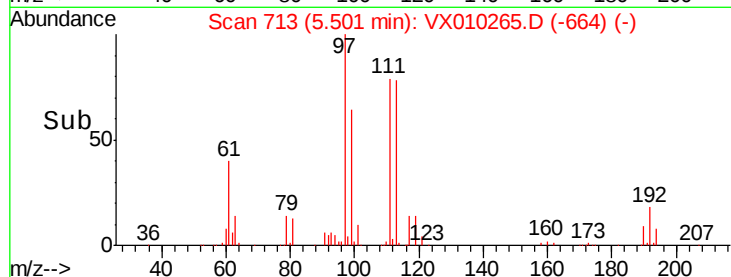
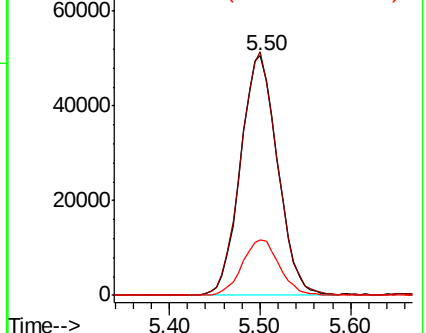
192 23.3 17.1 25.7



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: 46.094 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

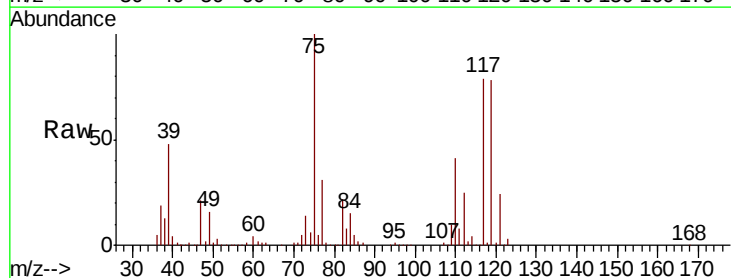
Tgt Ion: 75 Resp: 167566

Ion Ratio Lower Upper

75 100

110 42.1 16.7 50.1

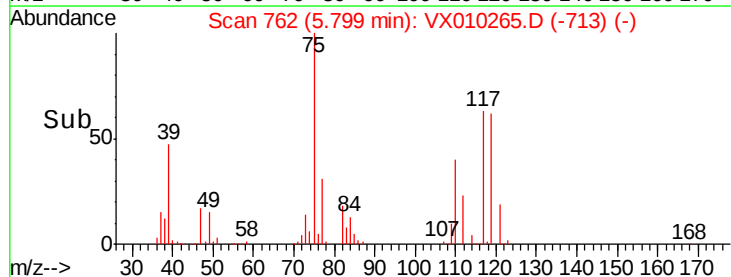
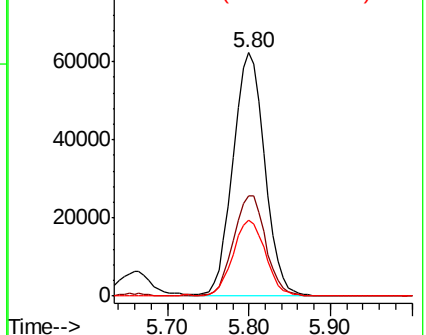
77 32.2 25.0 37.4

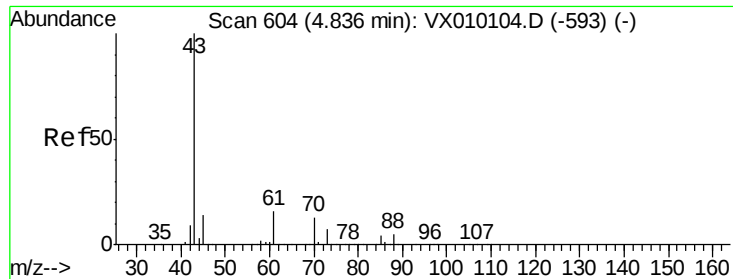


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

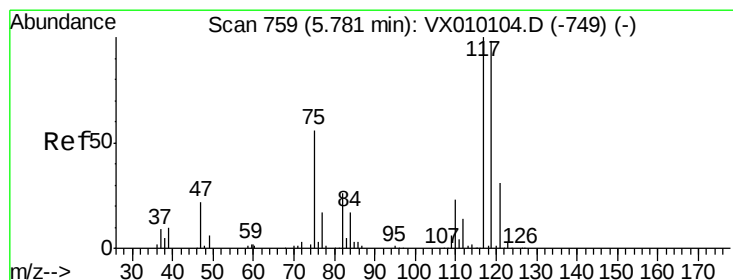
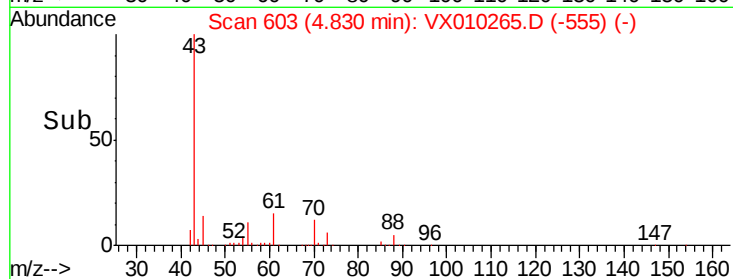
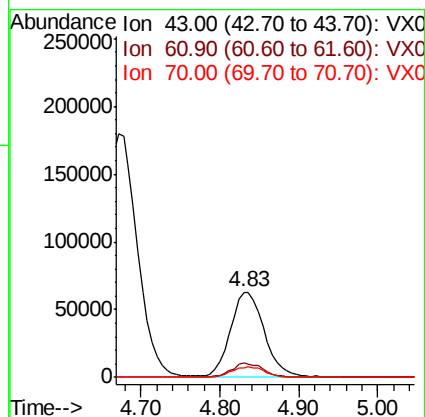
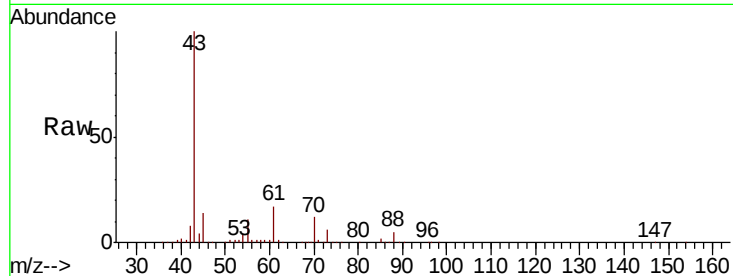




#37
Ethyl Acetate
Concen: 49.628 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

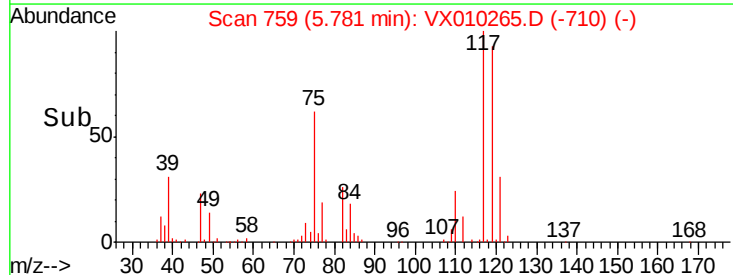
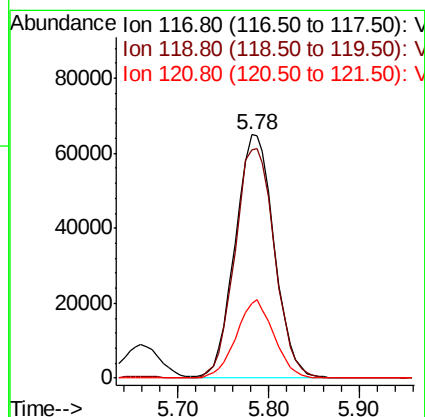
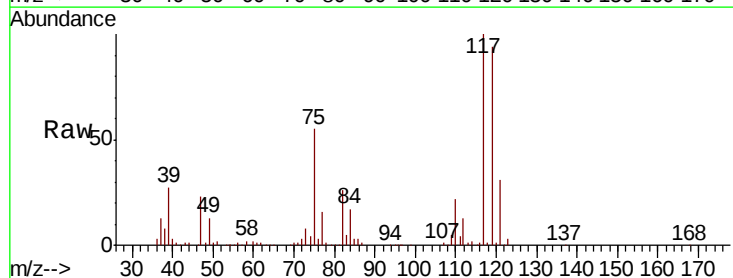
Instrument :
MSVOA_X
ClientSampleID :

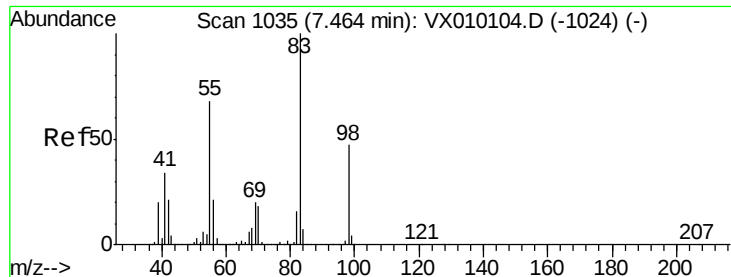
Tot Ion: 43 Resp: 187715
Ion Ratio Lower Upper
43 100
61 16.0 10.2 15.2#
70 12.4 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 46.932 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion: 117 Resp: 193111
Ion Ratio Lower Upper
117 100
119 93.9 77.3 115.9
121 30.9 25.4 38.0

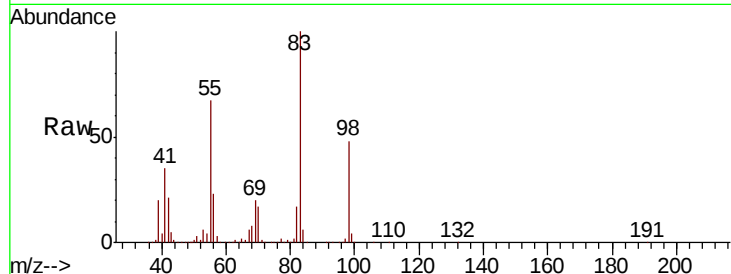




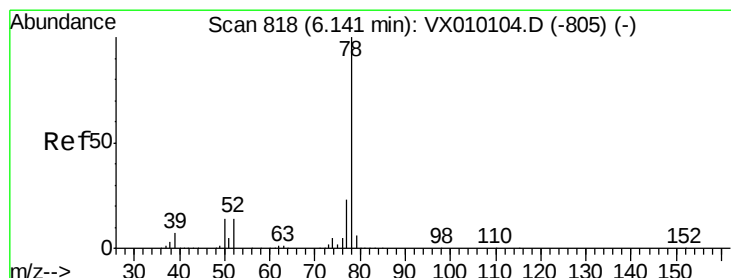
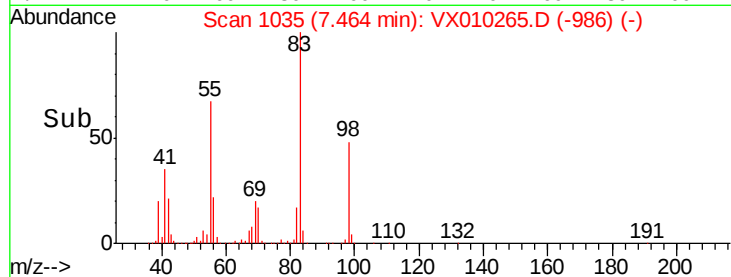
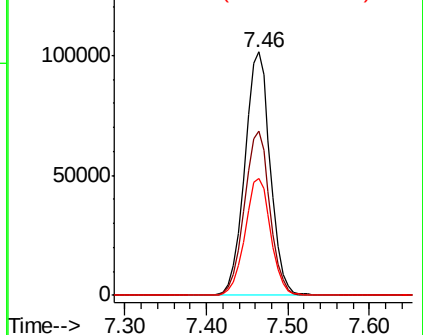
#39
Methvlcvclohexane
Concen: 44.369 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83	Resp	219635
Ion	Ratio	Lower	Upper
83	100		
55	67.2	69.9	104.9#
98	47.9	35.1	52.7

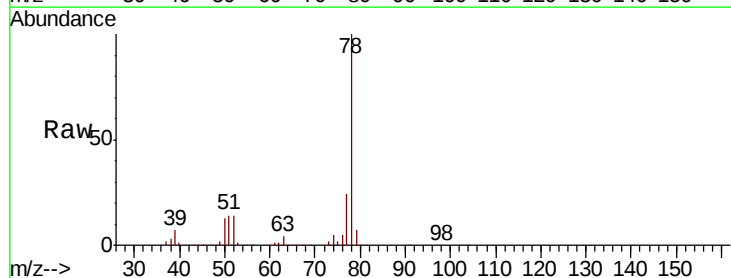


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

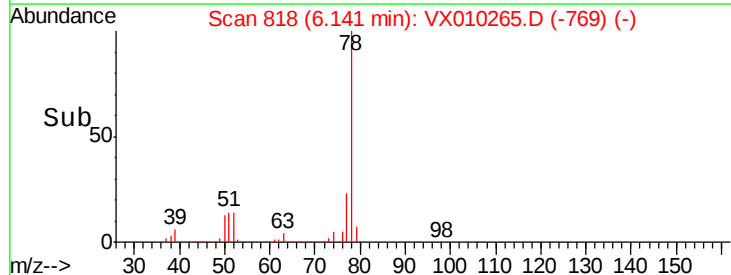
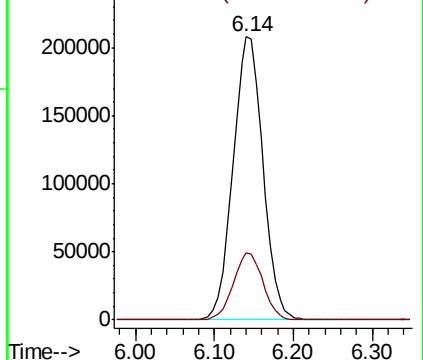


#40
Benzene
Concen: 48.705 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion	78	Resp	547498
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8



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





#41

Methacrylonitrile

Concen: 49.362 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 100997

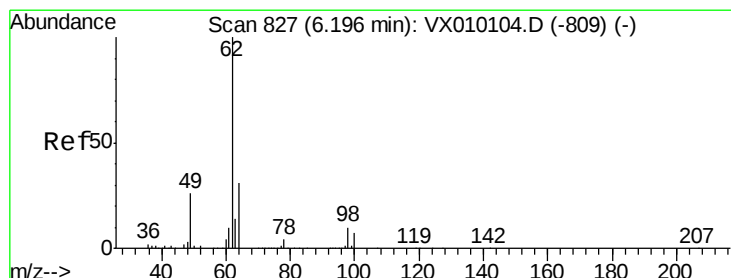
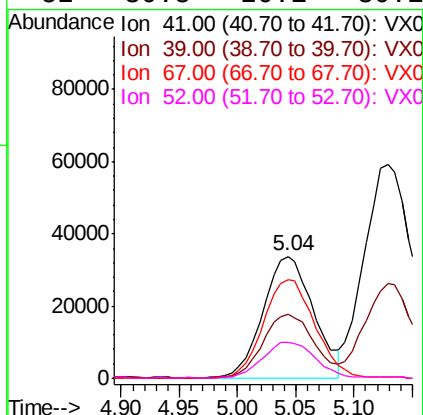
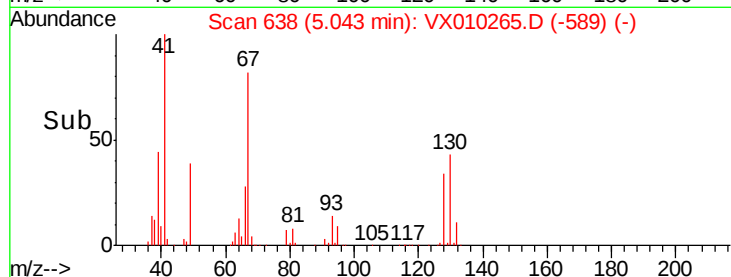
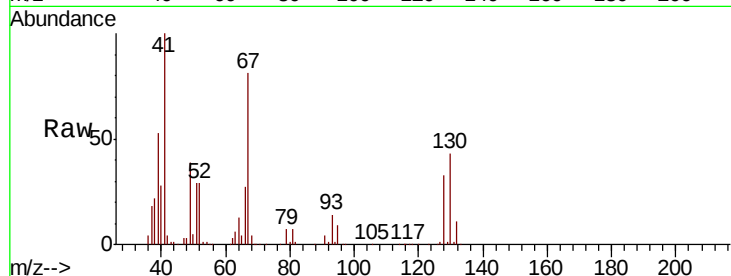
Ion Ratio Lower Upper

41 100

39 53.2 42.2 63.4

67 83.7 48.9 73.3#

52 30.8 20.1 30.1#



#42

1,2-Dichloroethane

Concen: 46.712 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010265.D

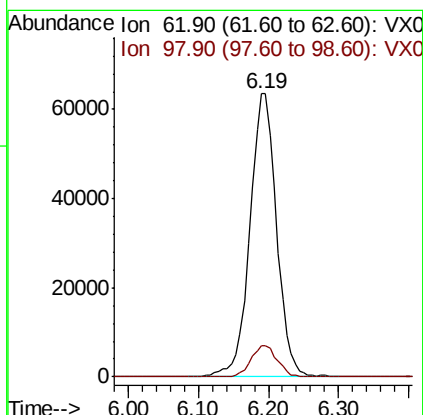
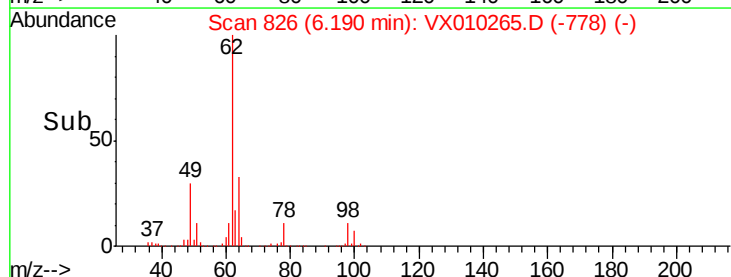
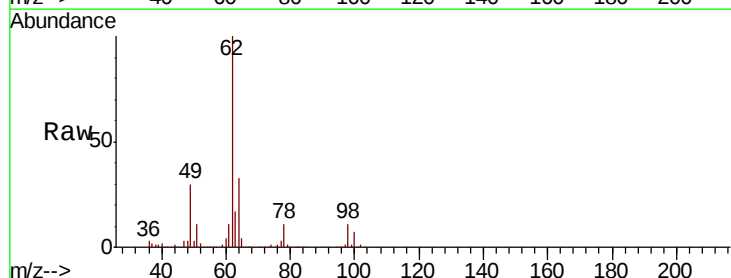
Acq: 12 Jun 2019 20:51

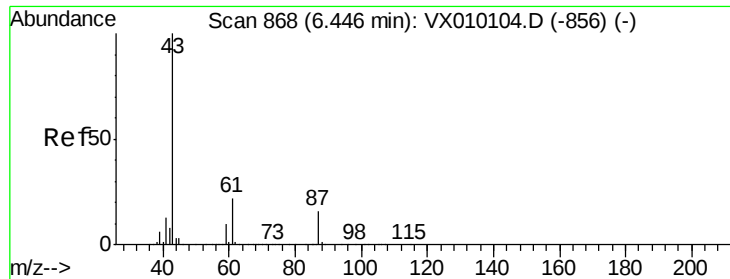
Tgt Ion: 62 Resp: 167637

Ion Ratio Lower Upper

62 100

98 11.0 0.0 17.2



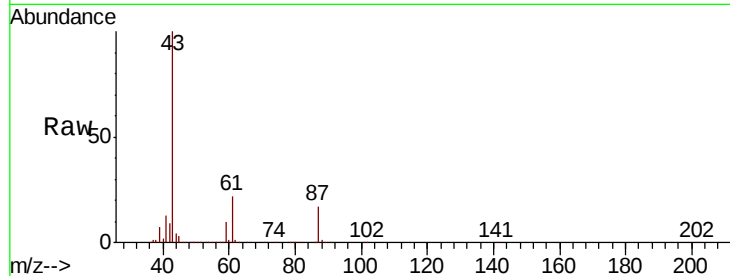


#43

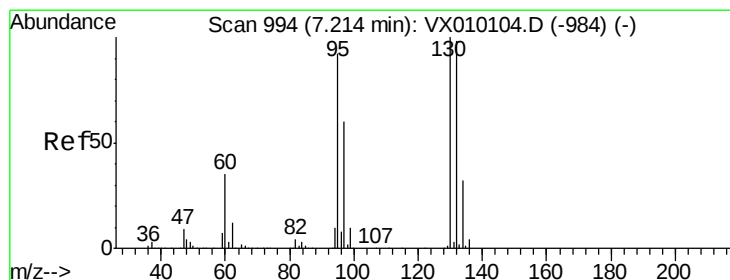
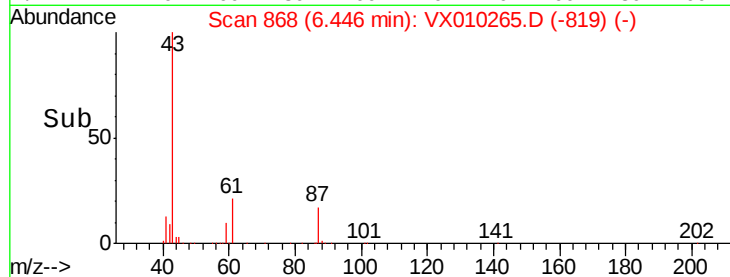
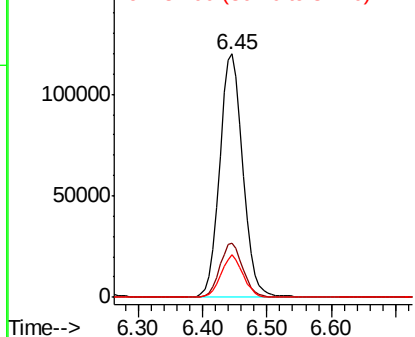
Isopropyl Acetate
 Concen: 47.940 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	14.6	21.8#
87	16.7	8.7	13.1#



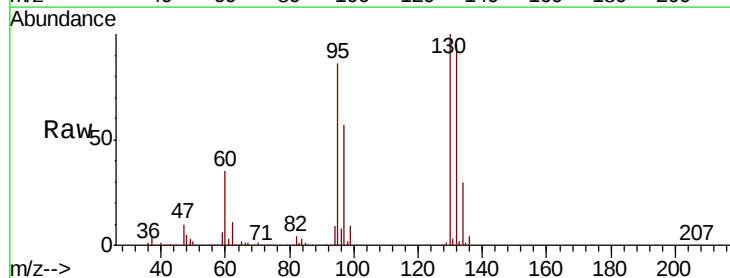
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



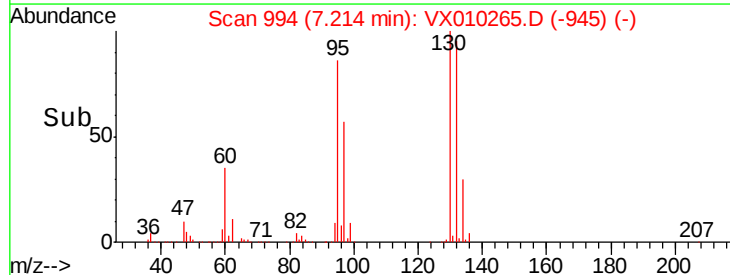
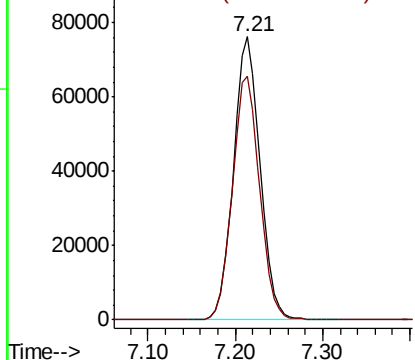
#44

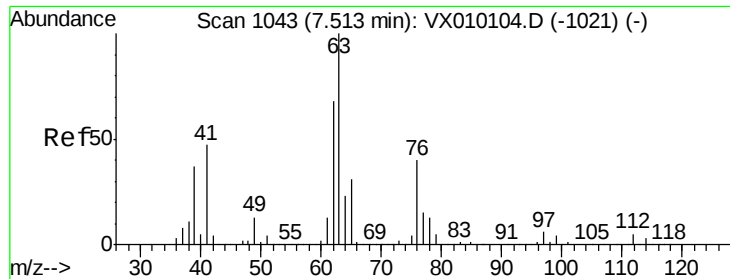
Trichloroethene
 Concen: 47.519 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.9	0.0	207.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.365 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

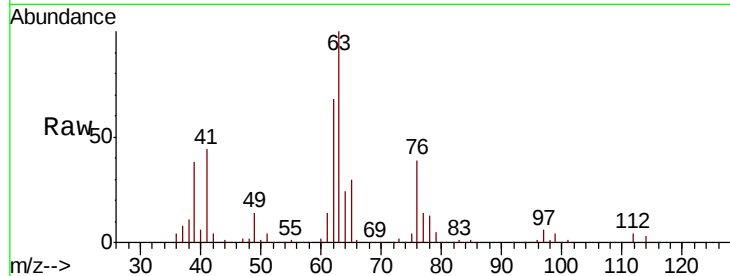
ClientSampleId :

Tot Ion: 63 Resp: 136076

Ion Ratio Lower Upper

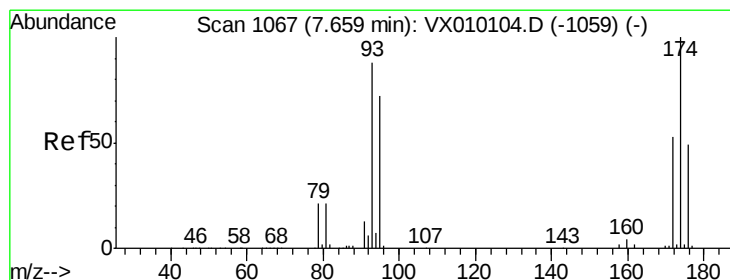
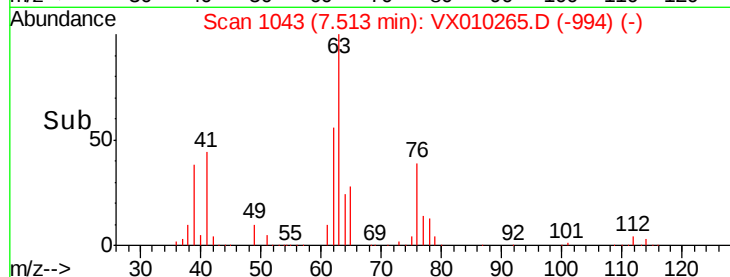
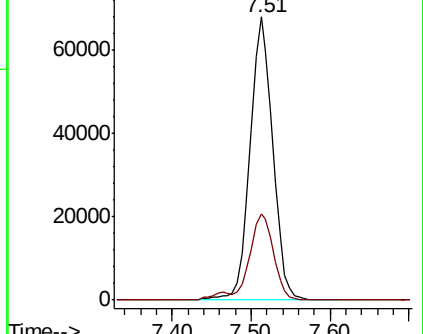
63 100

65 30.2 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.526 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

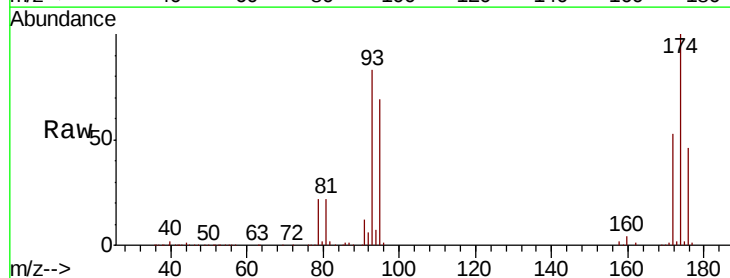
Tgt Ion: 93 Resp: 98070

Ion Ratio Lower Upper

93 100

95 84.5 66.8 100.2

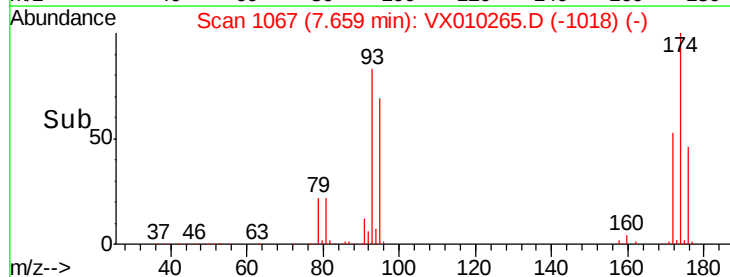
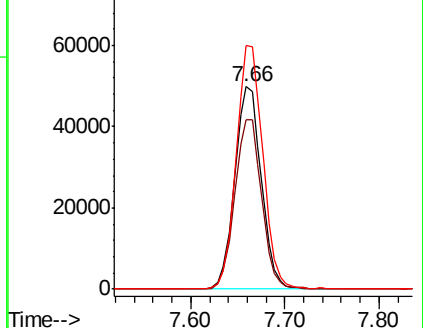
174 120.1 81.9 122.9

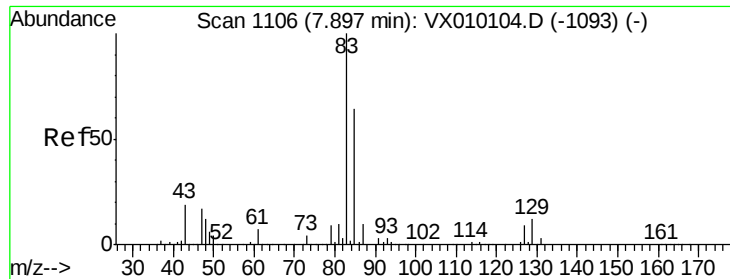


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.580 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampled :

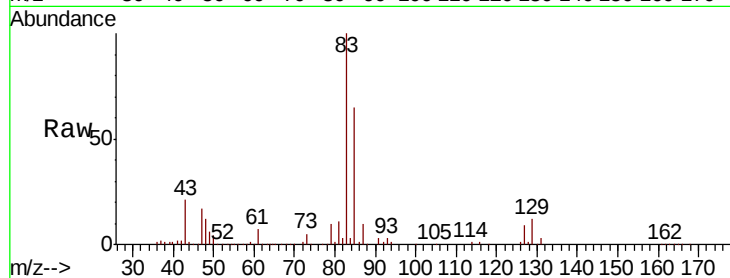
Tot Ion: 83 Resp: 187403

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.2

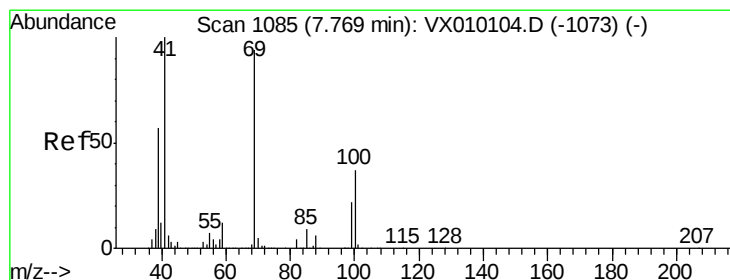
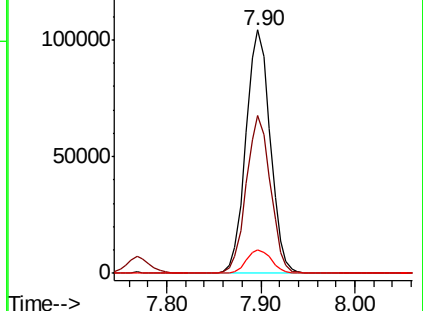
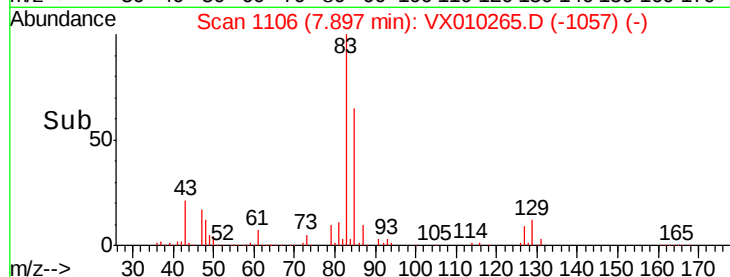
127 9.4 6.4 9.6



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: 48.459 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

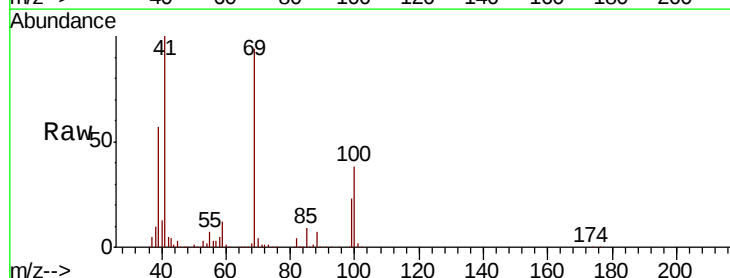
Tgt Ion: 41 Resp: 143325

Ion Ratio Lower Upper

41 100

69 95.9 56.4 84.6#

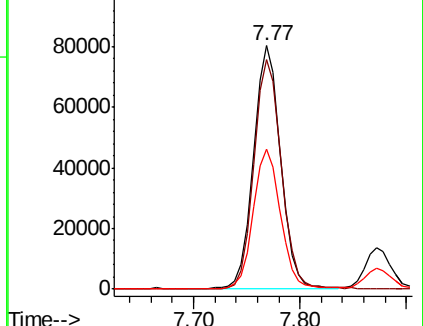
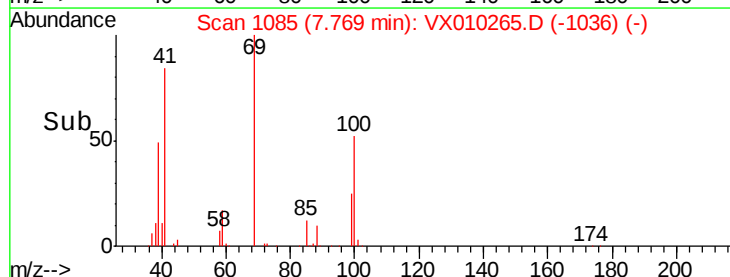
39 57.8 40.6 60.8

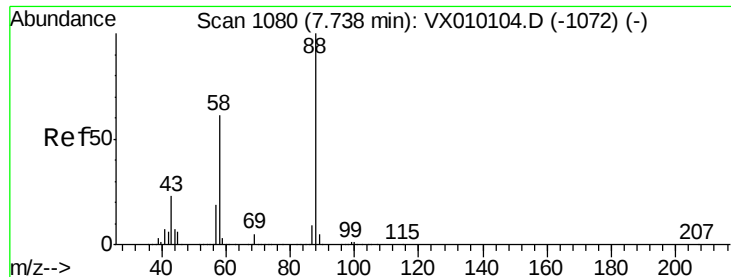


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1013.960 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

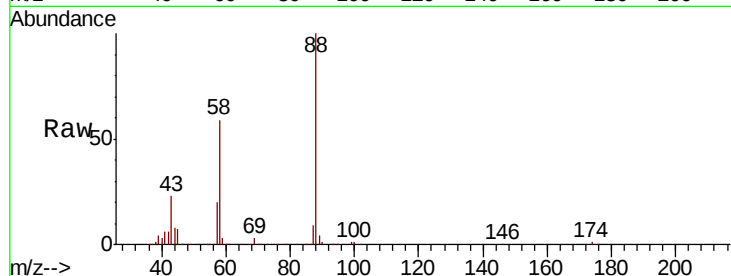
Tot Ion: 88 Resp: 85503

Ion Ratio Lower Upper

88 100

43 24.7 30.2 45.4#

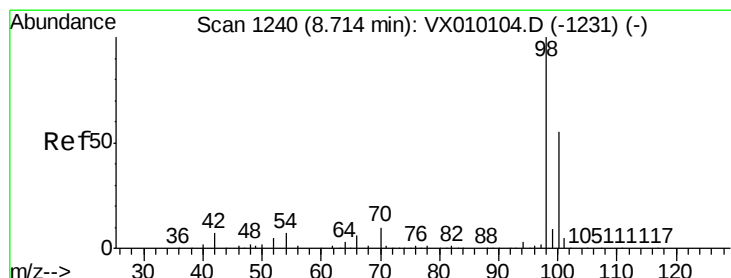
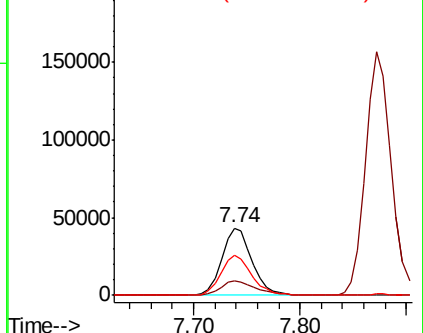
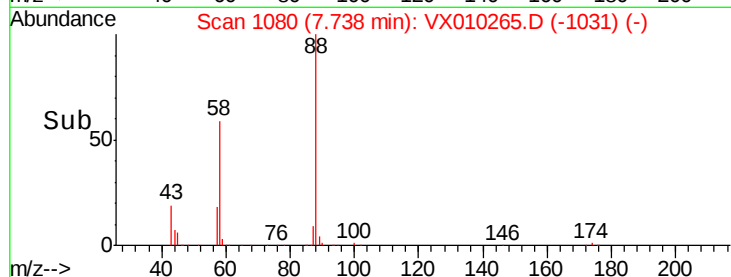
58 60.8 64.0 96.0#



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: 51.857 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010265.D

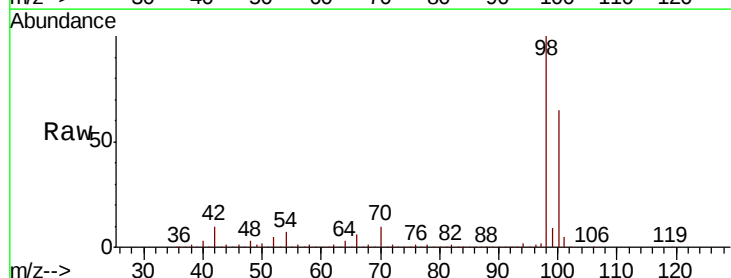
Acq: 12 Jun 2019 20:51

Tgt Ion: 98 Resp: 534171

Ion Ratio Lower Upper

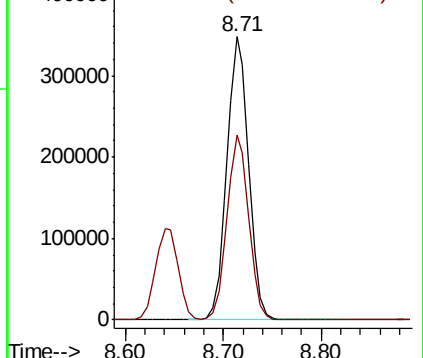
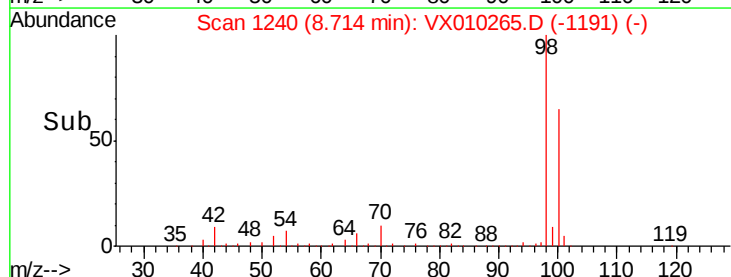
98 100

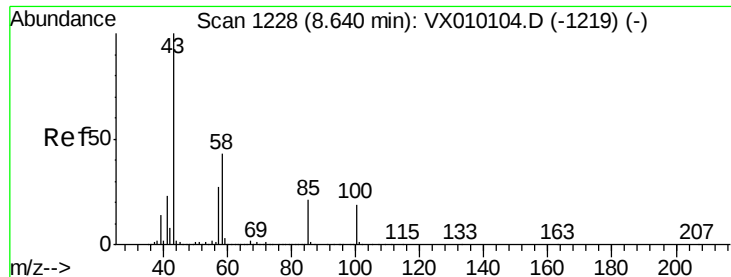
100 65.4 51.5 77.3



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: 261.246 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

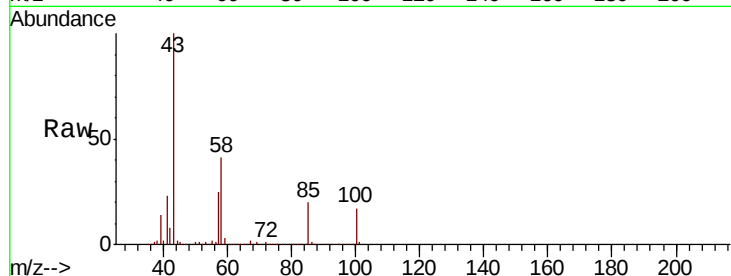
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 987006

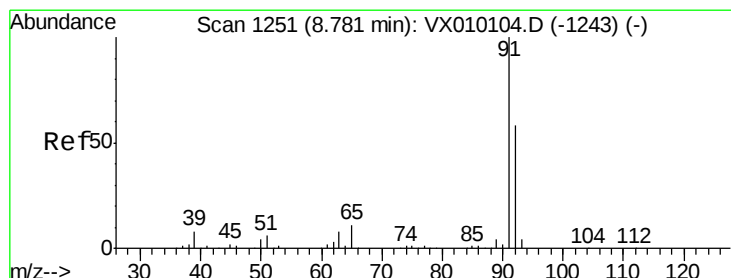
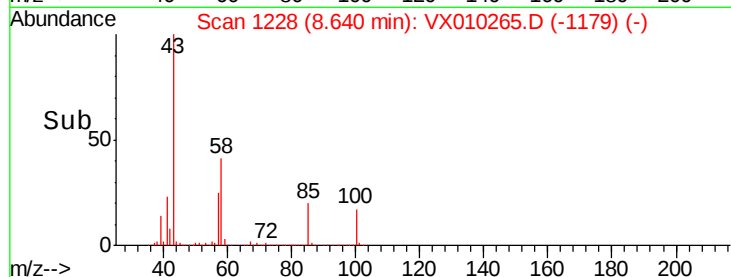
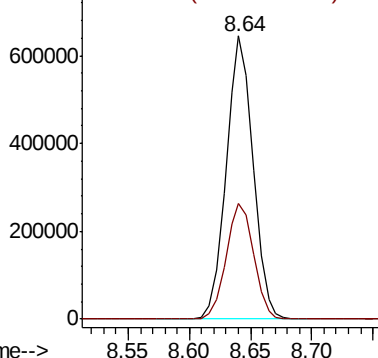
Ion Ratio Lower Upper

43 100

58 41.9 28.8 43.2



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



#52

Toluene

Concen: 48.328 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010265.D

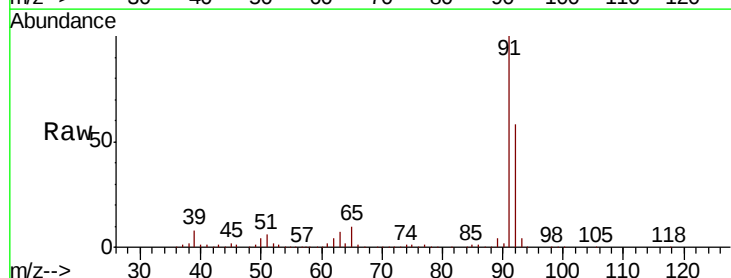
Acq: 12 Jun 2019 20:51

Tgt Ion: 92 Resp: 357108

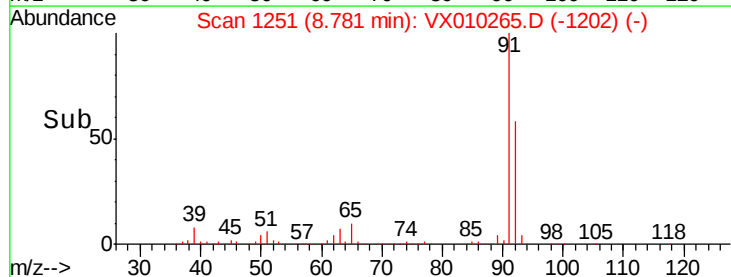
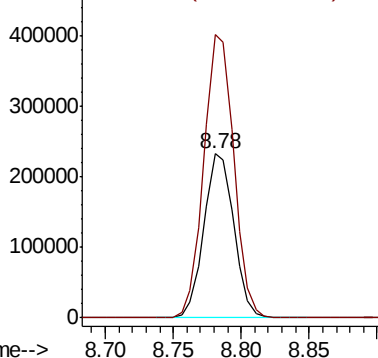
Ion Ratio Lower Upper

92 100

91 173.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

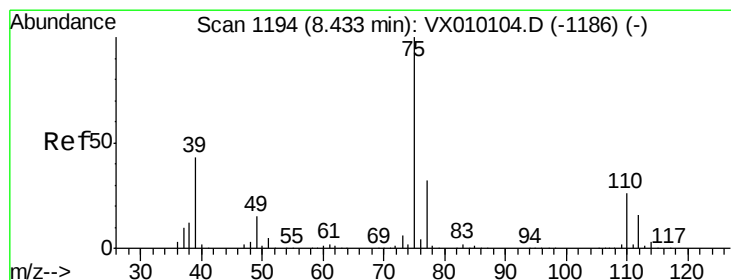
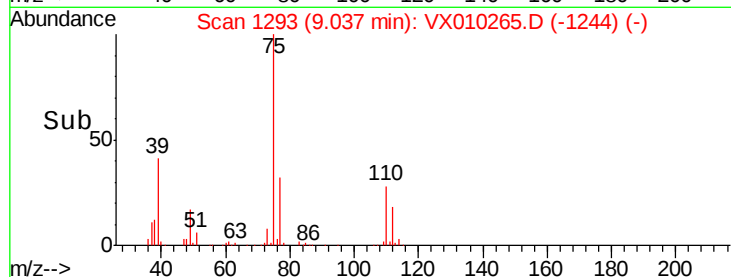
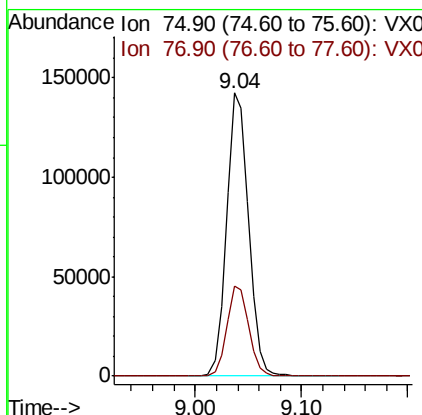
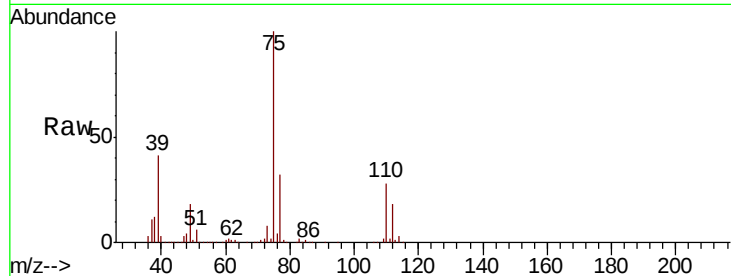




#53
t-1,3-Dichloropropene
Concen: 45.181 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

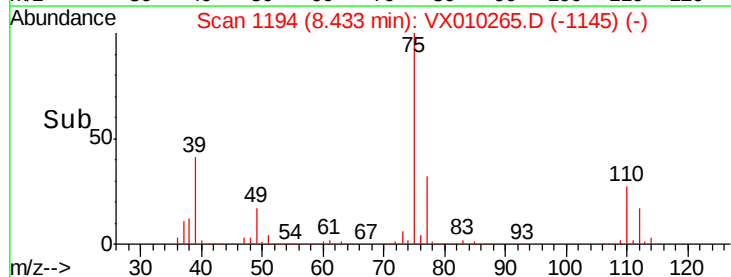
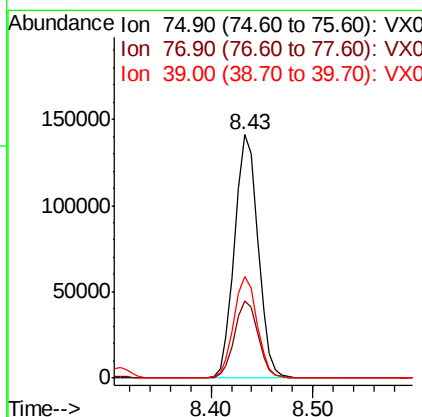
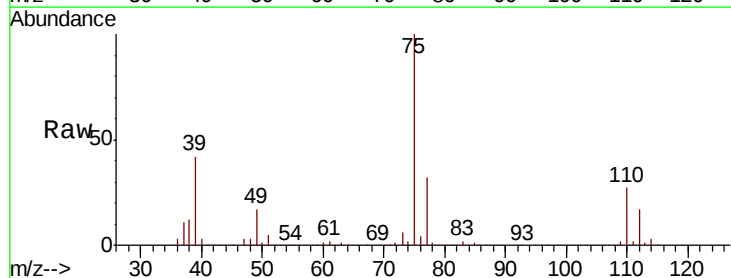
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 205834
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 45.836 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion: 75 Resp: 223865
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 41.5 43.4 65.0#

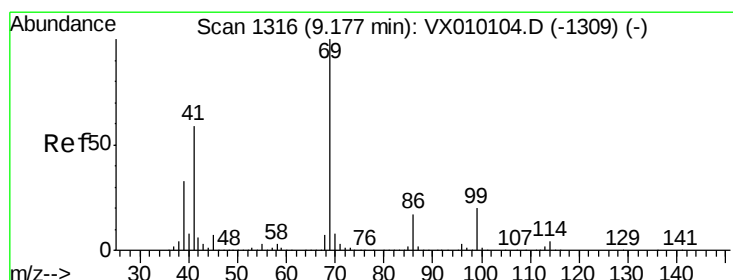
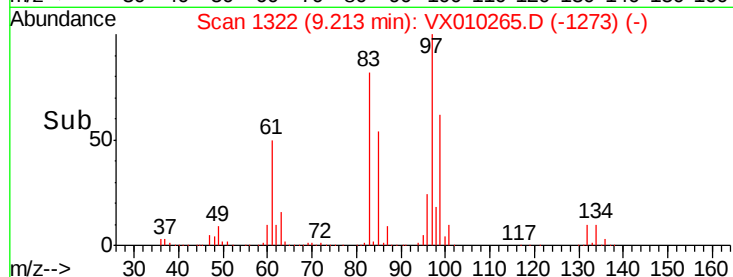
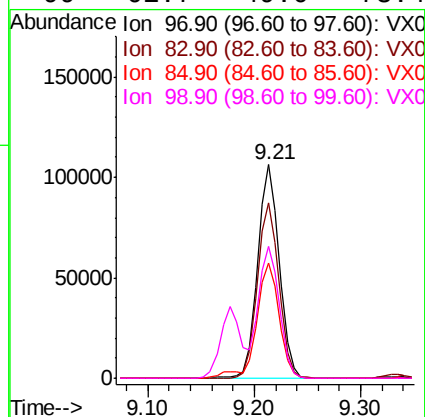
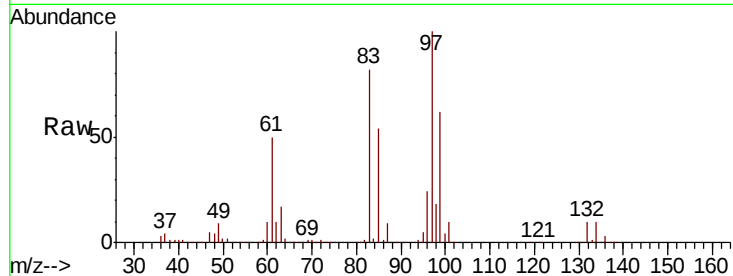




#55
 1,1,2-Trichloroethane
 Concen: 50.164 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

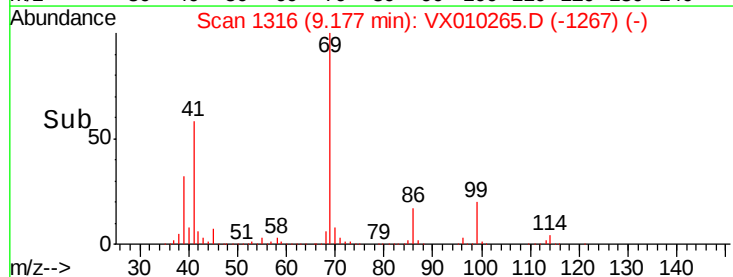
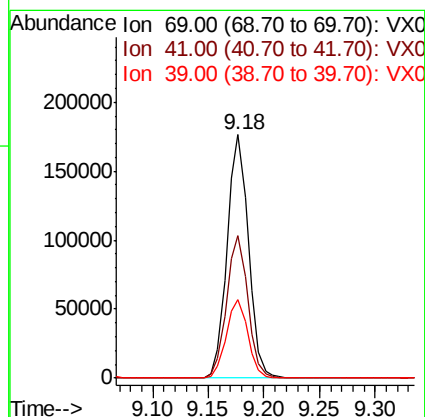
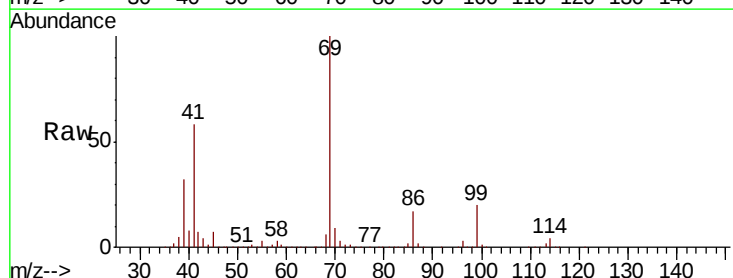
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 151808
 Ion Ratio Lower Upper
 97 100
 83 82.1 69.8 104.8
 85 53.9 45.3 67.9
 99 61.7 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 49.061 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

Tgt Ion: 69 Resp: 234532
 Ion Ratio Lower Upper
 69 100
 41 58.0 62.7 94.1#
 39 32.8 29.5 44.3

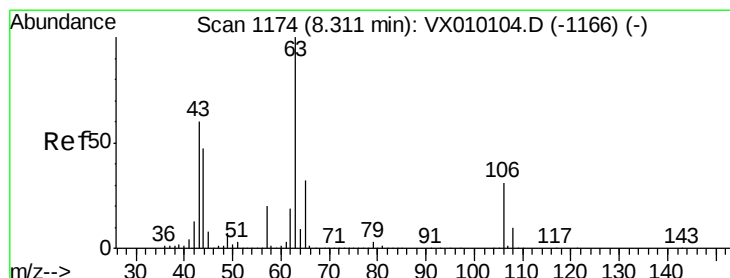
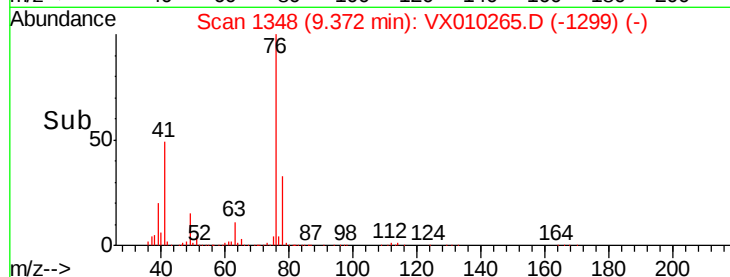
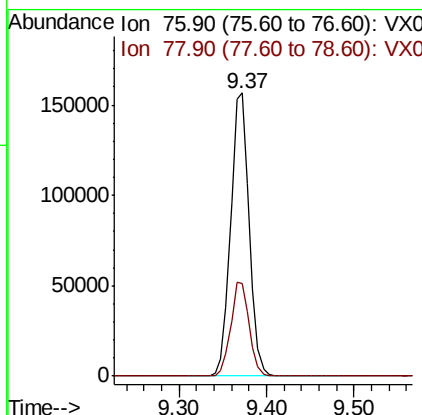
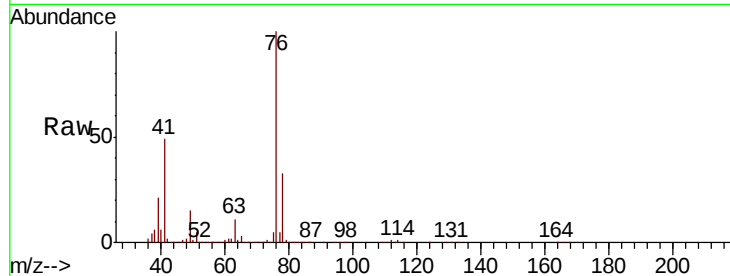




#57
 1,3-Dichloropropane
 Concen: 48.512 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

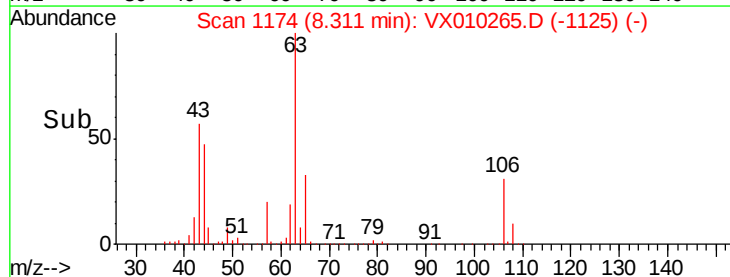
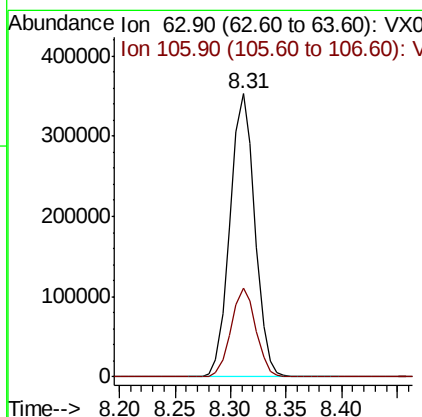
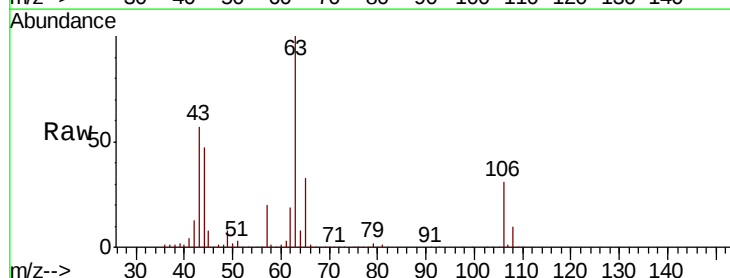
Instrument :
 MSVOA_X
 ClientSampleId :

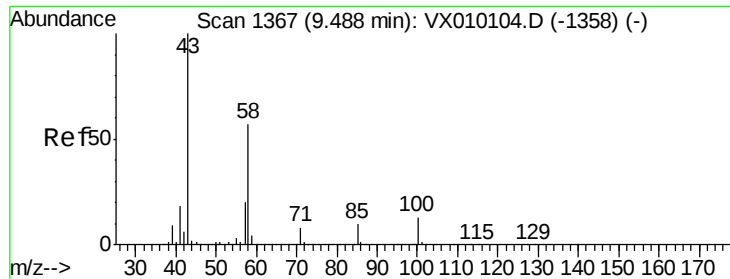
Tot Ion: 76 Resp: 231128
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.781 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

Tgt Ion: 63 Resp: 547127
 Ion Ratio Lower Upper
 63 100
 106 31.3 19.4 29.2#

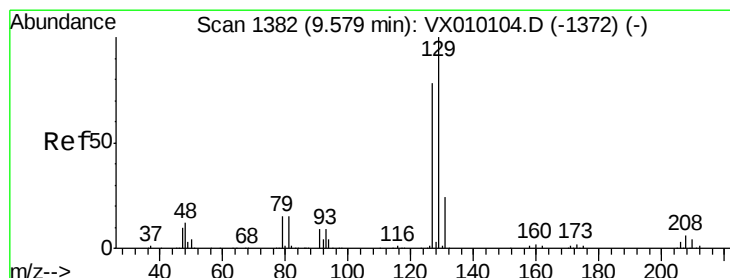
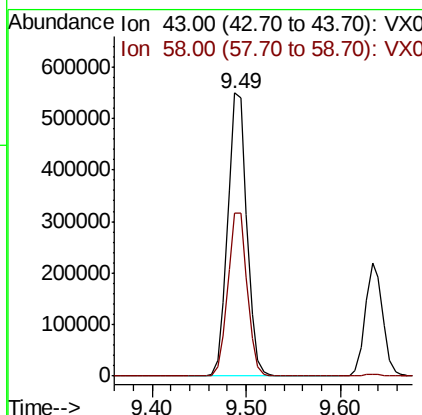
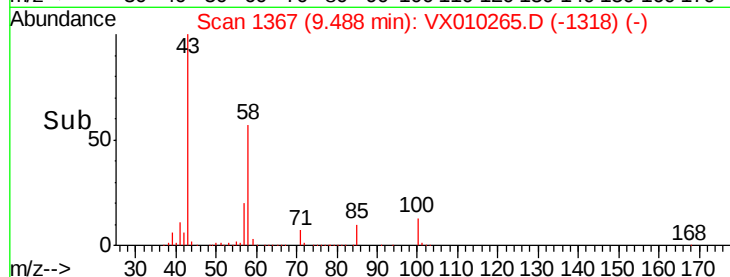
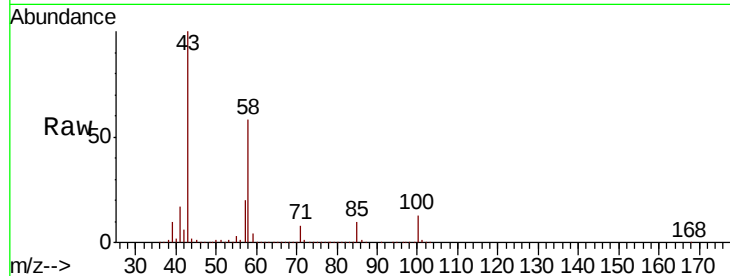




#59
2-Hexanone
Concen: 256.420 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

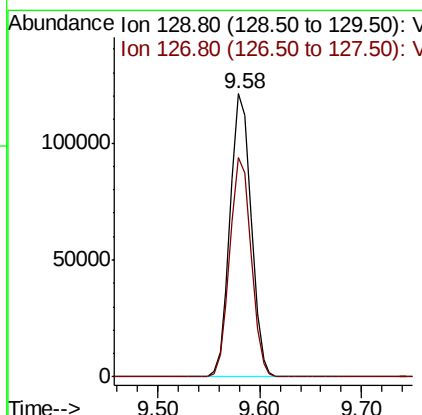
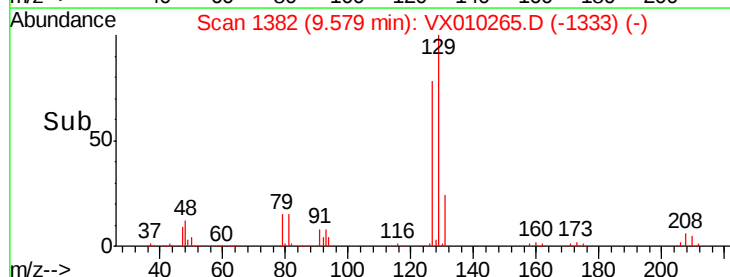
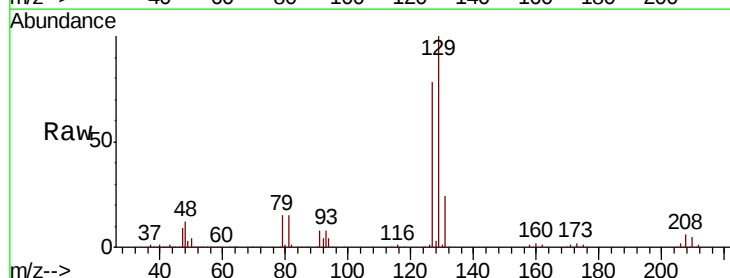
Instrument :
MSVOA_X
ClientSampled :

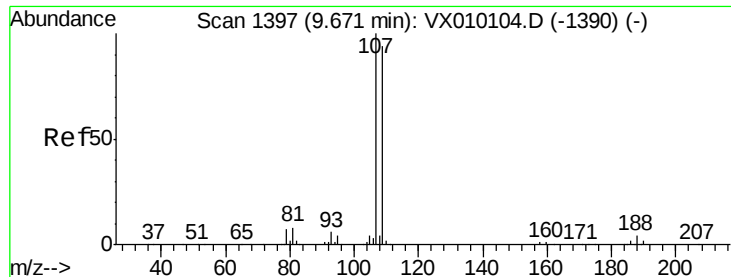
Tot Ion: 43 Resp: 772412
Ion Ratio Lower Upper
43 100
58 58.4 25.1 75.3



#60
Dibromochloromethane
Concen: 48.260 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion:129 Resp: 172745
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.471 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

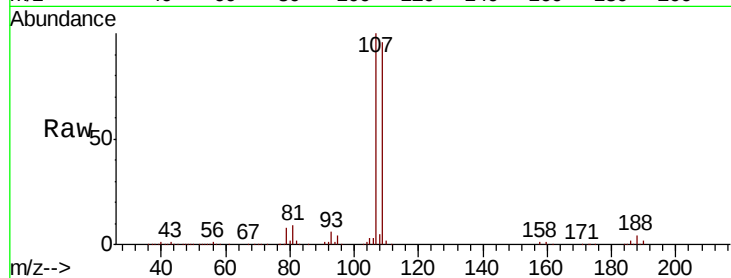
ClientSampled :

Tot Ion:107 Resp: 163367

Ion Ratio Lower Upper

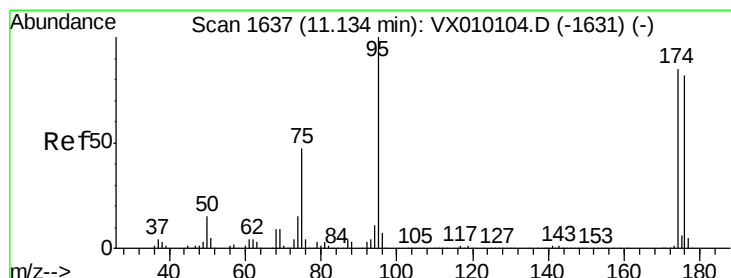
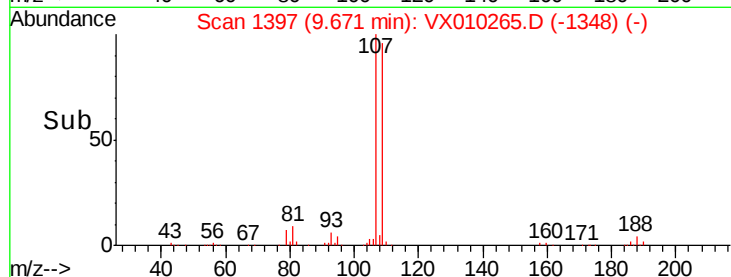
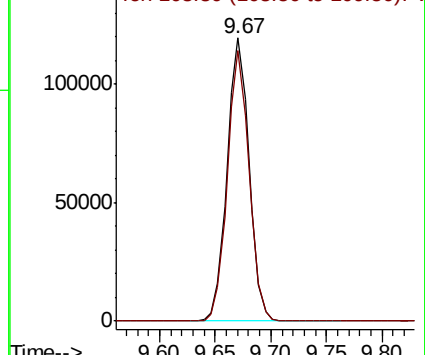
107 100

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: 51.393 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

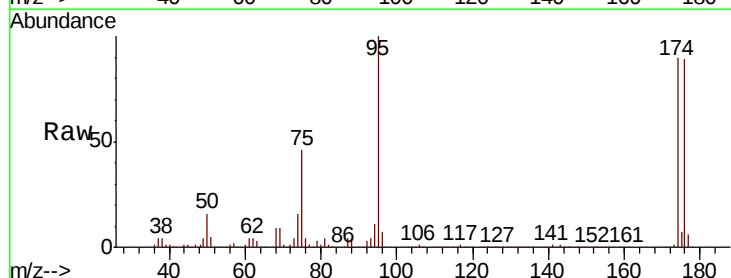
Tgt Ion: 95 Resp: 197706

Ion Ratio Lower Upper

95 100

174 94.1 0.0 160.4

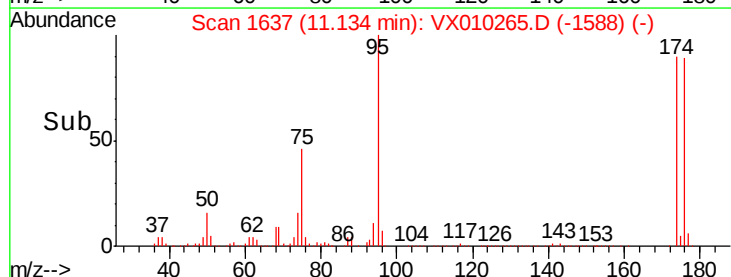
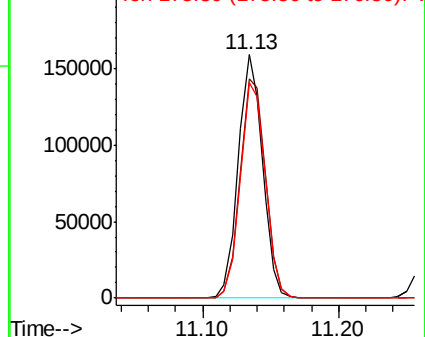
176 91.1 0.0 154.6

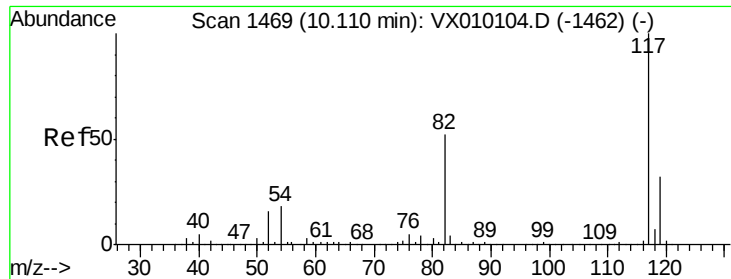


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

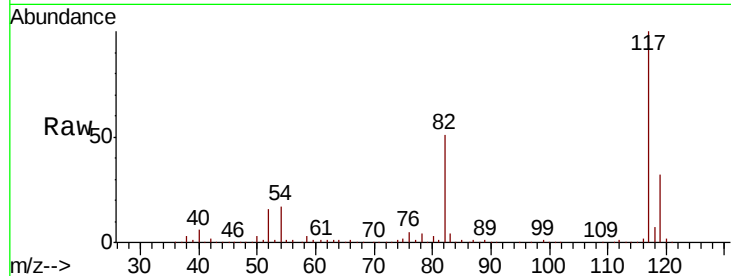




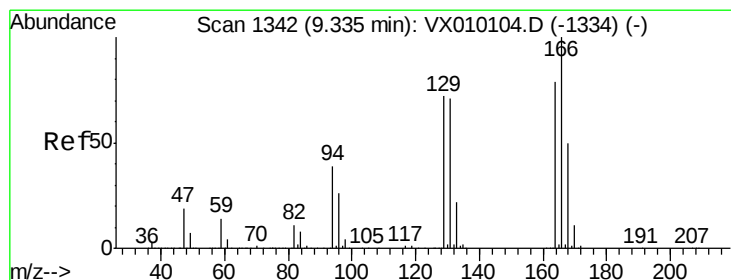
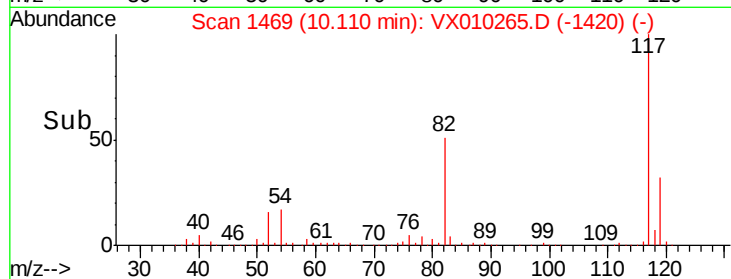
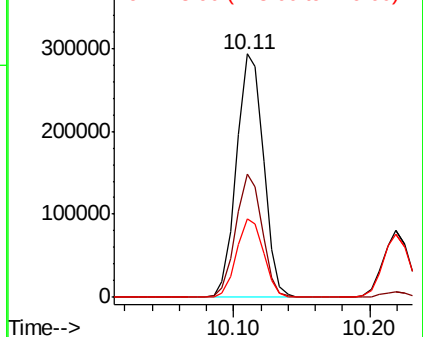
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 406303
Ion Ratio Lower Upper
117 100
82 50.7 49.2 73.8
119 32.2 25.2 37.8

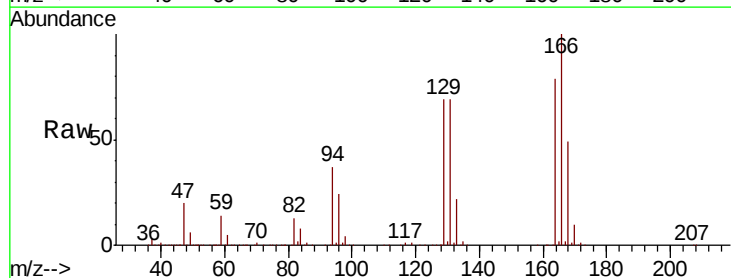


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

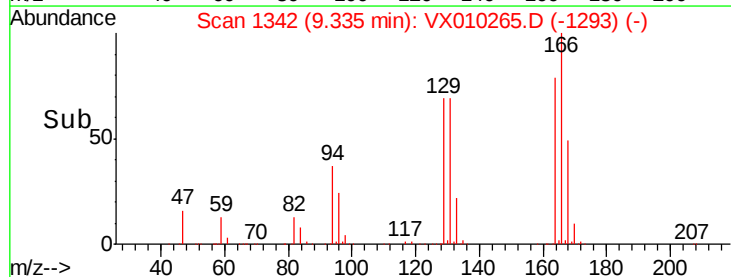
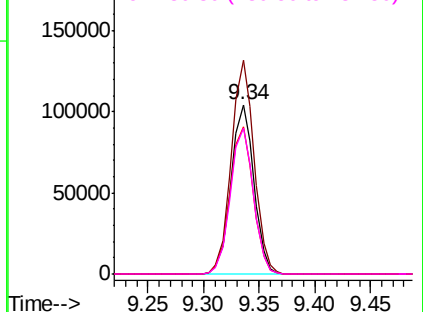


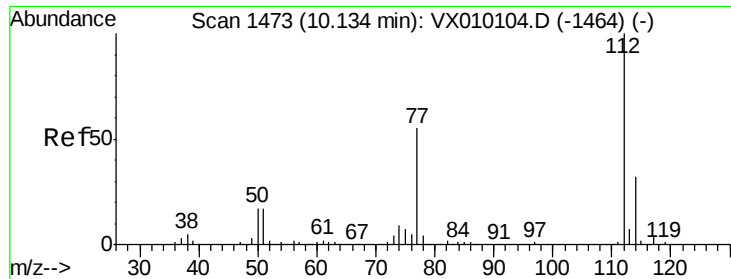
#64
Tetrachloroethene
Concen: 49.120 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion:164 Resp: 148228
Ion Ratio Lower Upper
164 100
166 126.0 105.0 157.4
129 86.8 75.1 112.7
131 86.5 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

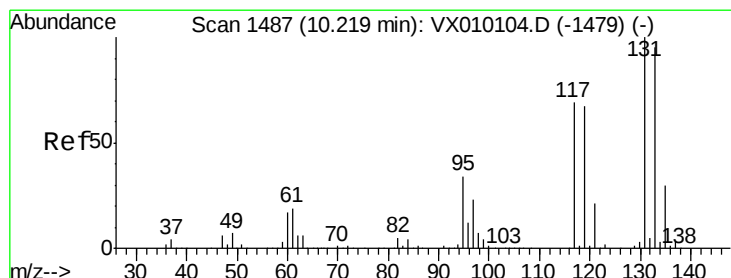
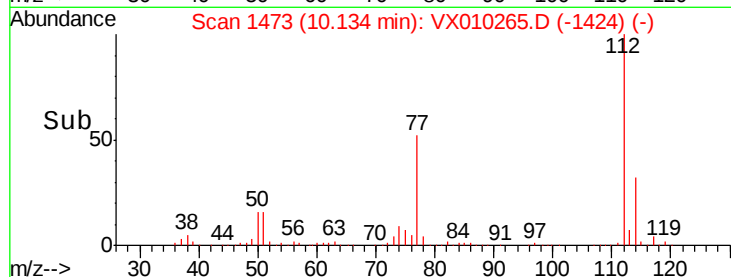
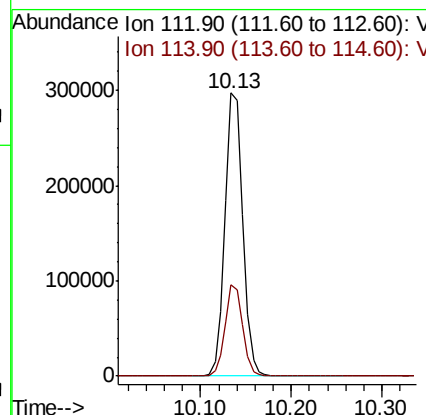
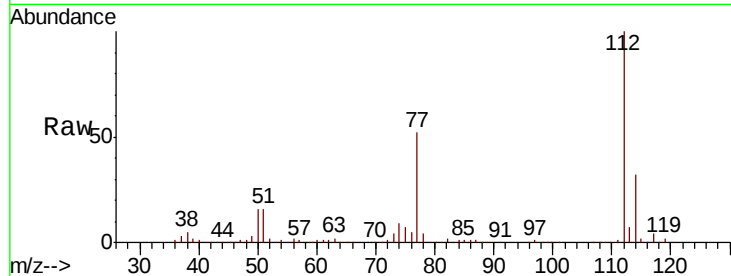




#65
Chlorobenzene
Concen: 48.773 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

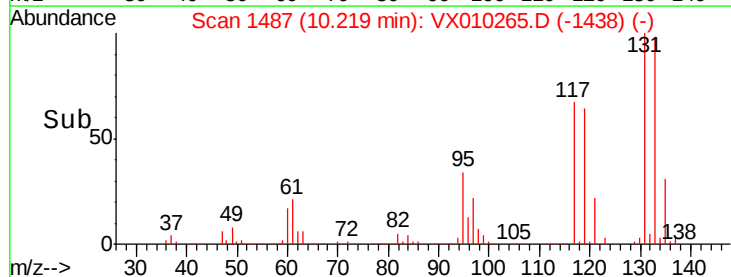
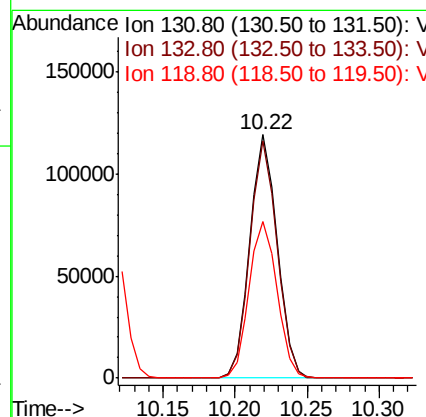
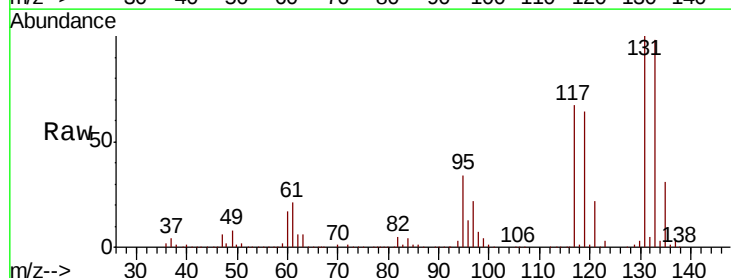
Instrument :
MSVOA_X
ClientSampleId :

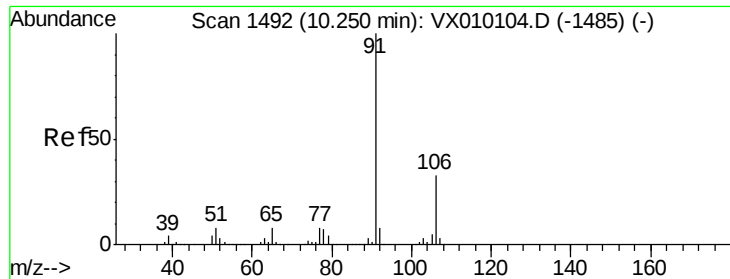
Tot Ion:112 Resp: 408998
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.646 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion:131 Resp: 156875
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.6
119 66.1 33.4 100.1

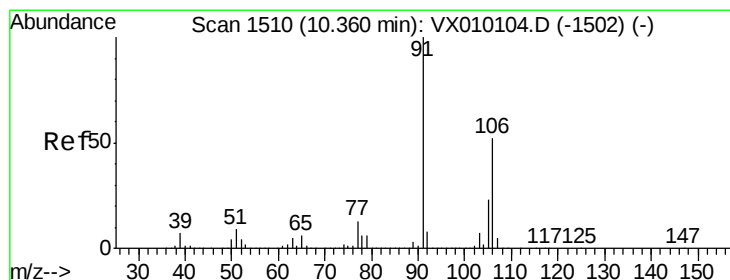
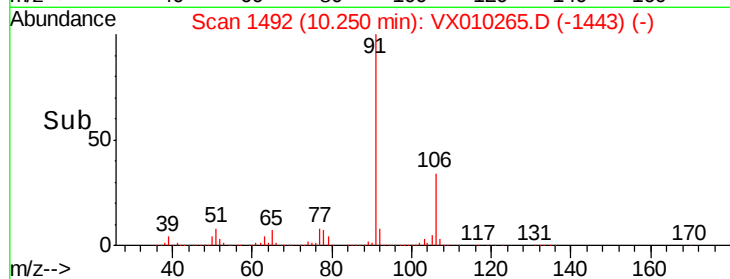
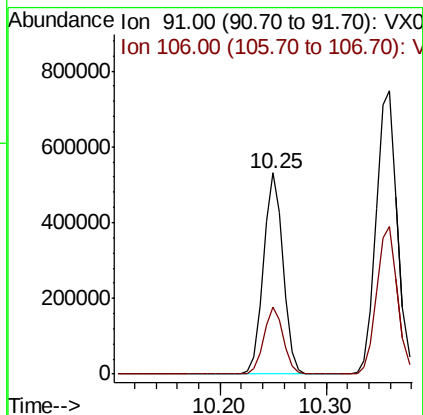
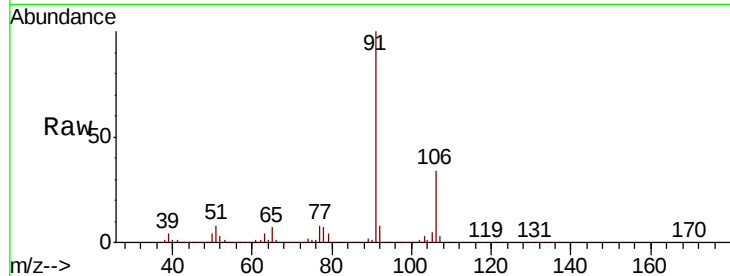




#67
Ethyl Benzene
Concen: 48.047 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

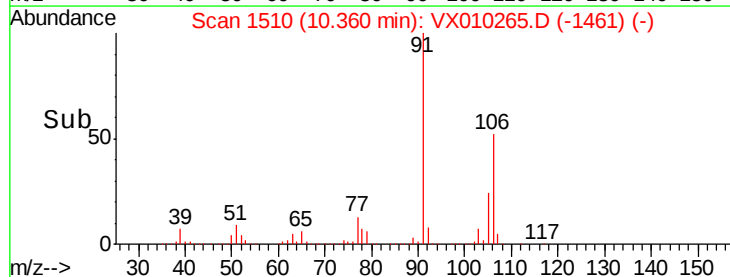
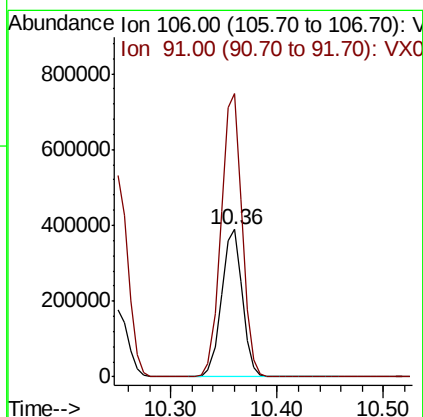
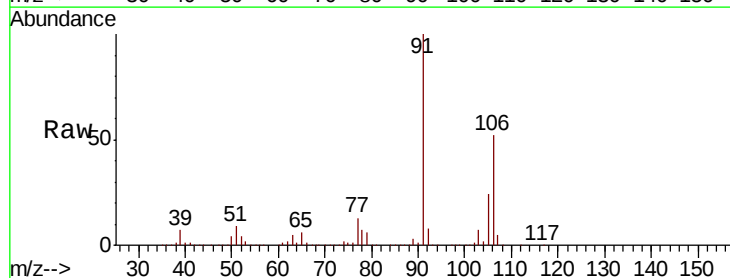
Instrument :
MSVOA_X
ClientSampled :

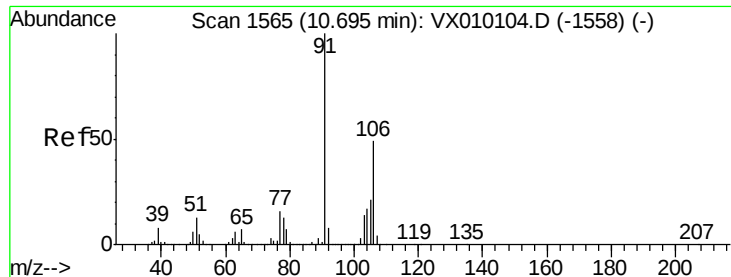
Tot Ion: 91 Resp: 685899
Ion Ratio Lower Upper
91 100
106 33.6 23.9 35.9



#68
m/p-Xylenes
Concen: 95.911 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion: 106 Resp: 529830
Ion Ratio Lower Upper
106 100
91 193.9 167.3 250.9

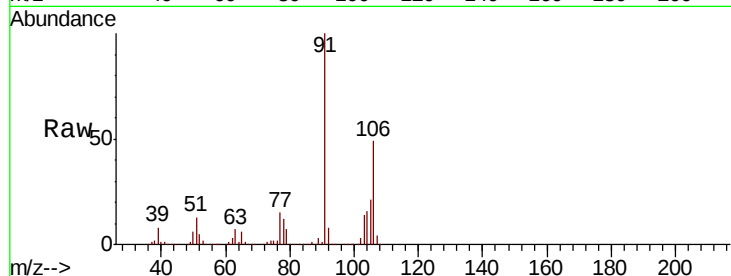




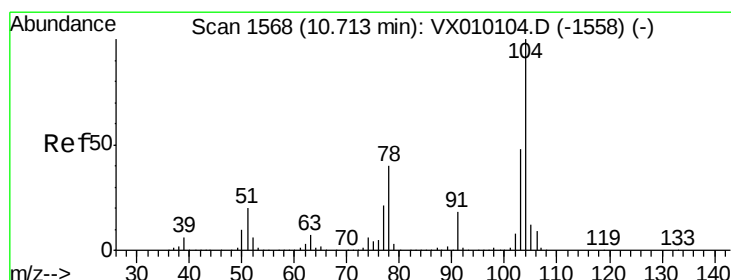
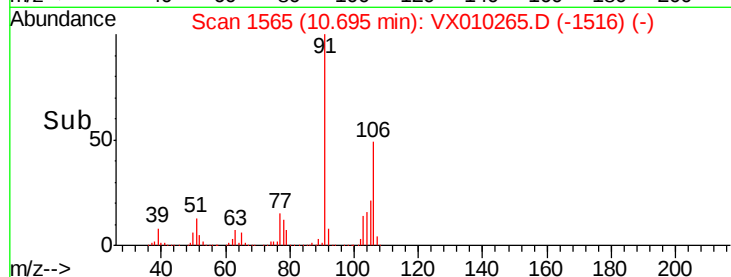
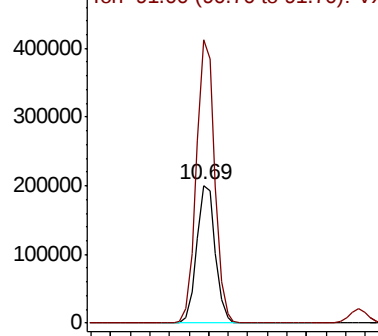
#69
o-Xylene
Concen: 48.096 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 264112
Ion Ratio Lower Upper
106 100
91 202.8 110.4 331.2

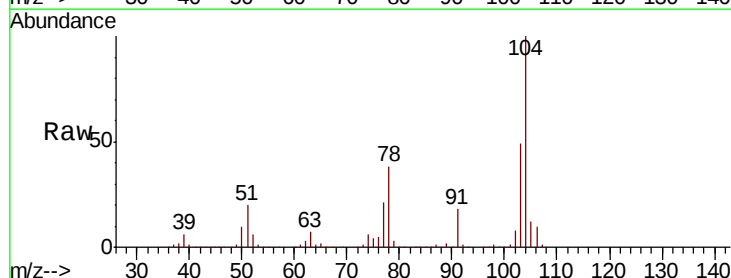


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

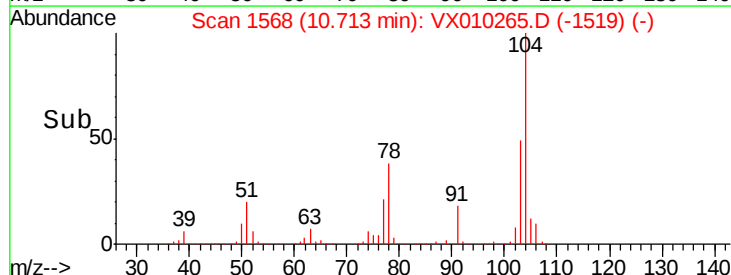
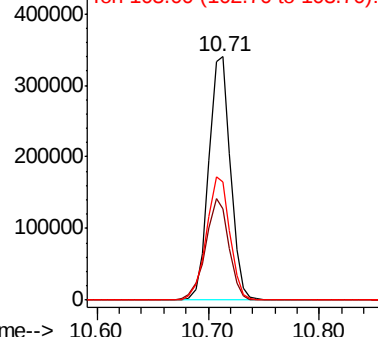


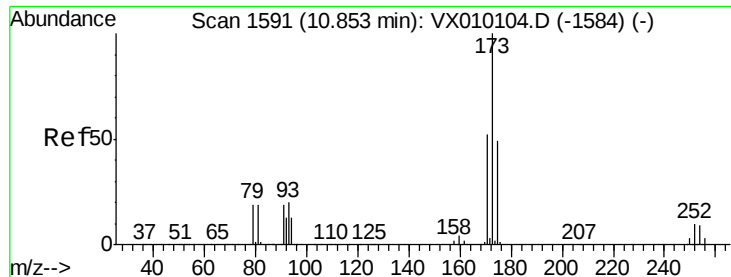
#70
Styrene
Concen: 49.353 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion:104 Resp: 459004
Ion Ratio Lower Upper
104 100
78 44.7 42.1 63.1
103 54.7 44.1 66.1



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





#71

Bromoform

Concen: 48.289 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampled :

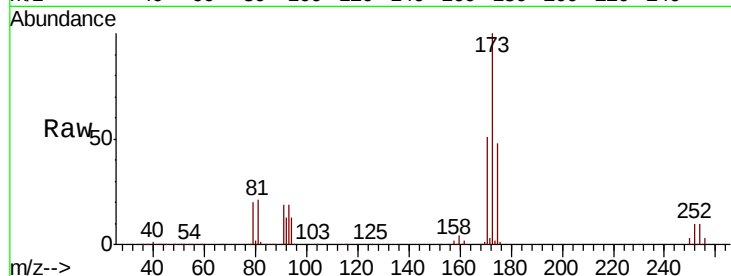
Tot Ion:173 Resp: 143158

Ion Ratio Lower Upper

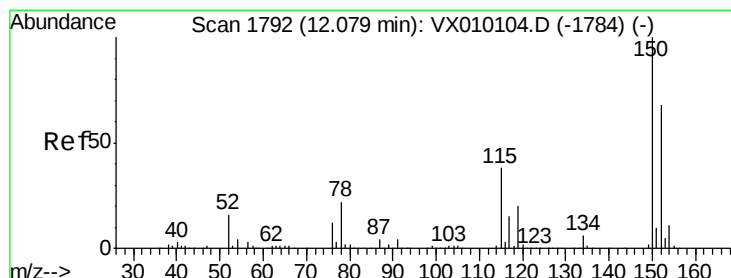
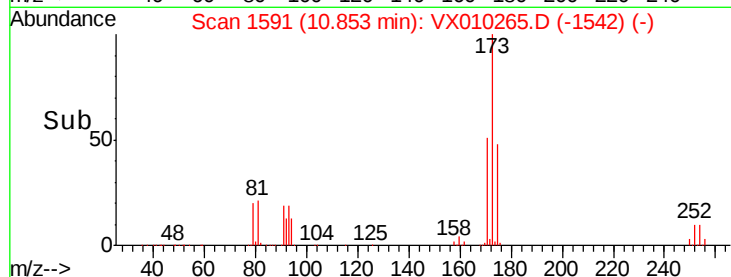
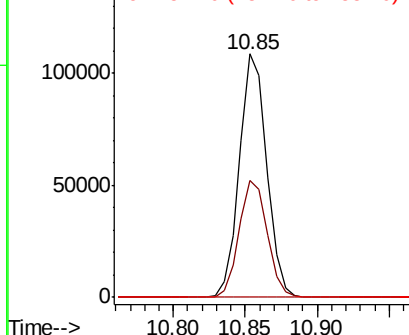
173 100

175 49.6 25.0 75.0

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

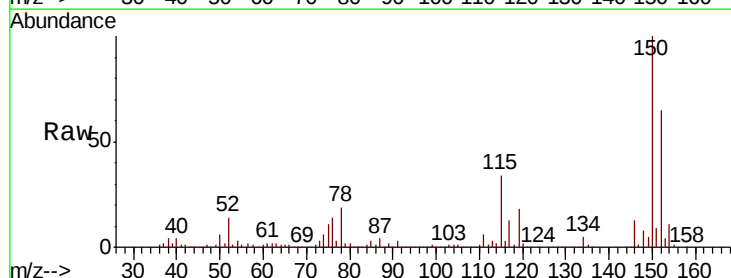
Tgt Ion:152 Resp: 212116

Ion Ratio Lower Upper

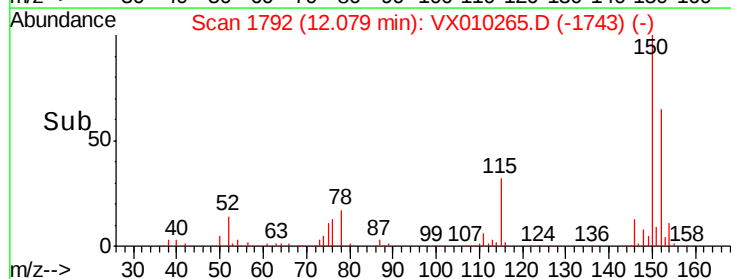
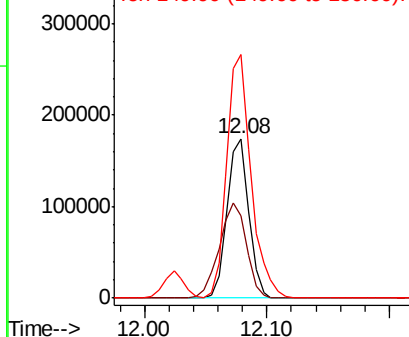
152 100

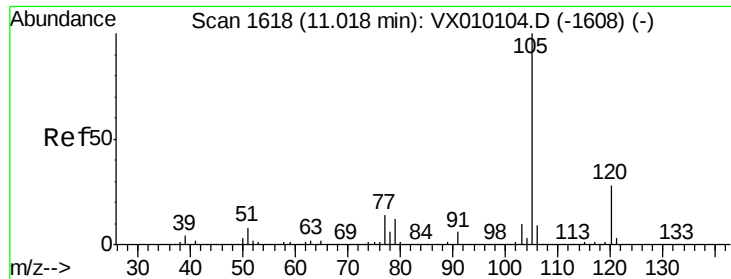
115 74.8 41.4 124.2

150 171.6 0.0 345.2



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





#73

Isopropylbenzene

Concen: 46.929 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

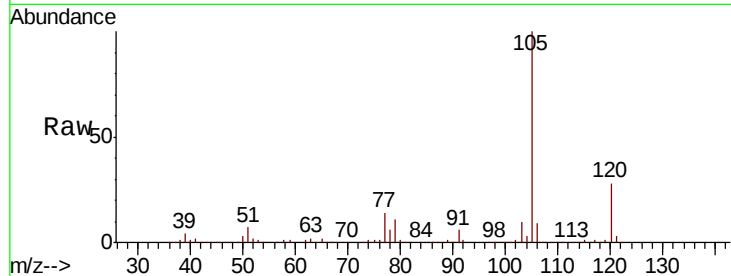
ClientSampleId :

Tot Ion:105 Resp: 694886

Ion Ratio Lower Upper

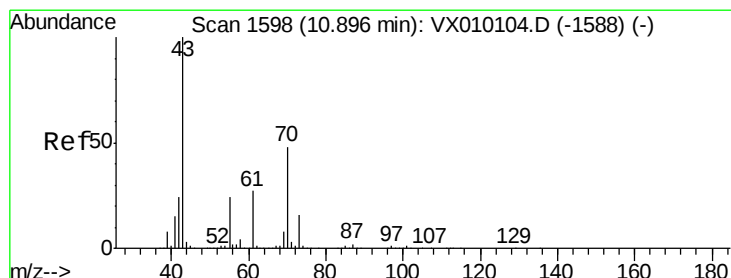
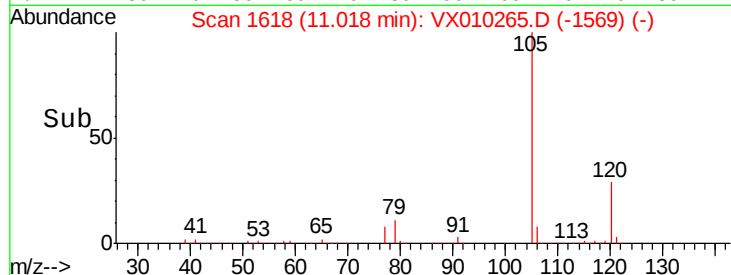
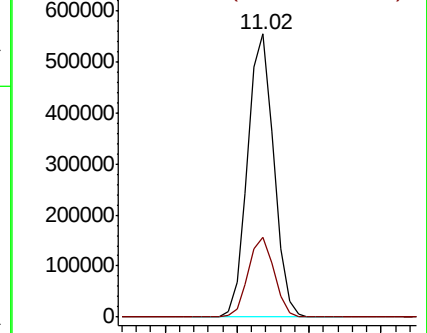
105 100

120 28.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.562 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Tgt Ion: 43 Resp: 278389

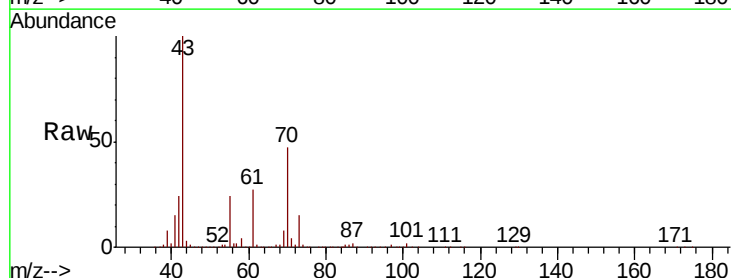
Ion Ratio Lower Upper

43 100

70 46.1 28.6 43.0#

55 23.7 17.8 26.8

61 26.4 17.7 26.5

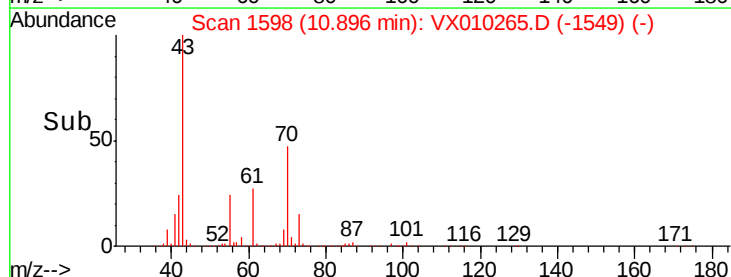
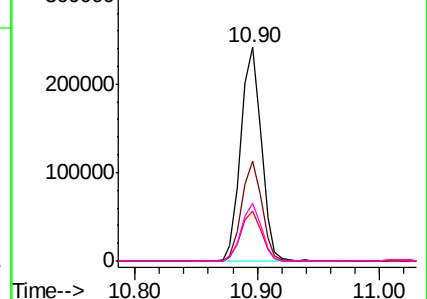


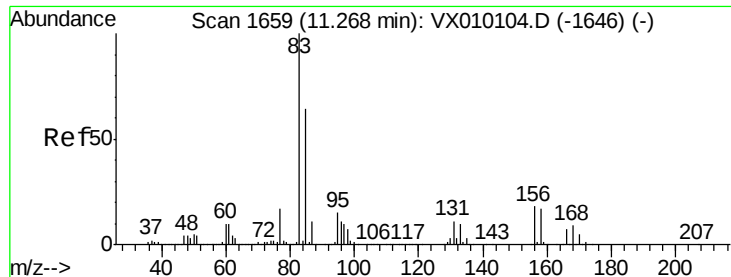
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.105 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

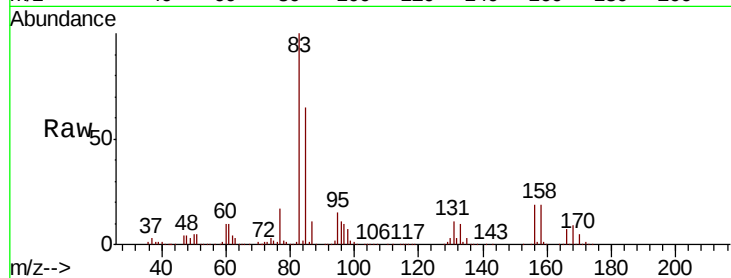
Tot Ion: 83 Resp: 238758

Ion Ratio Lower Upper

83 100

131 10.8 4.7 14.1

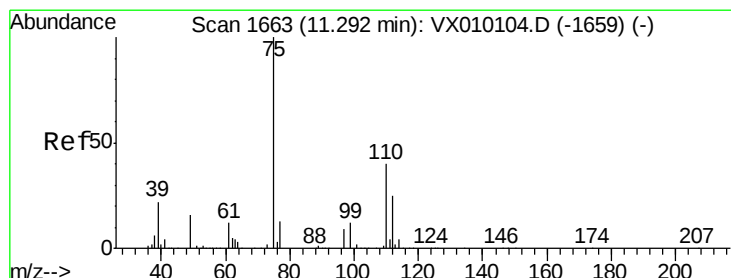
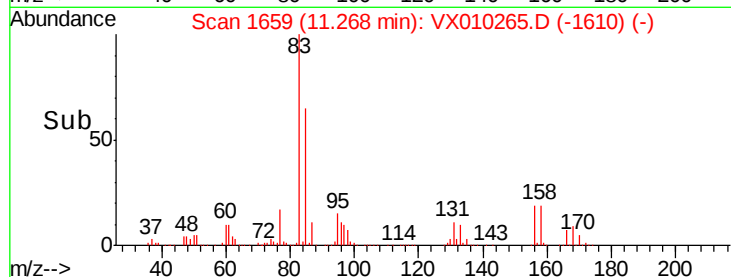
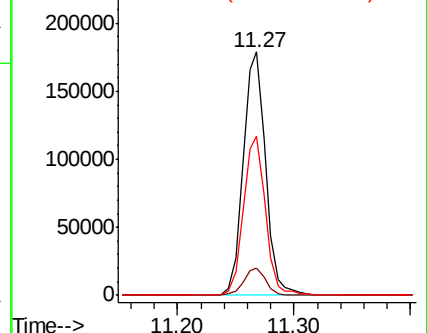
85 64.6 31.9 95.9



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: 62.660 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010265.D

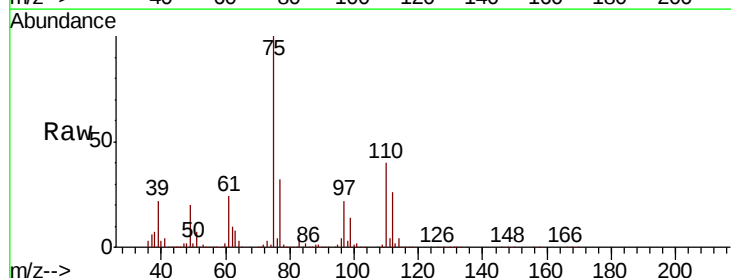
Acq: 12 Jun 2019 20:51

Tgt Ion: 75 Resp: 265851

Ion Ratio Lower Upper

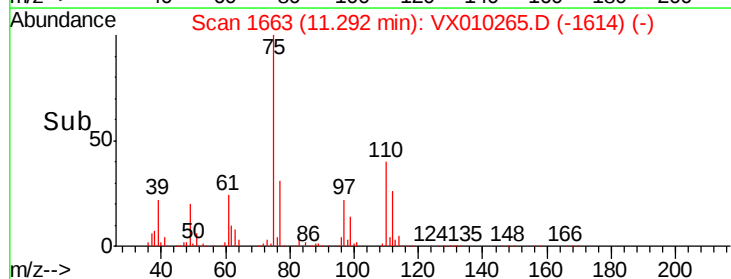
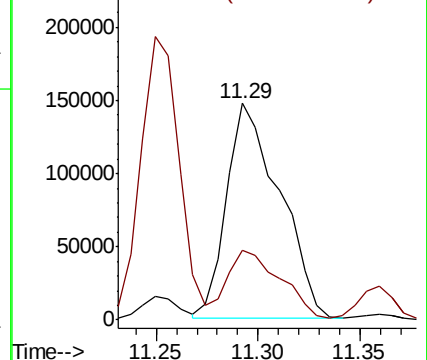
75 100

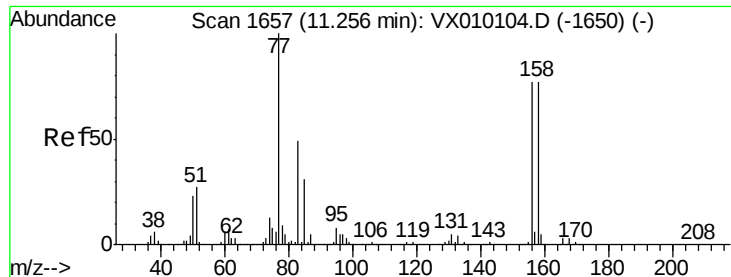
77 32.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.584 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

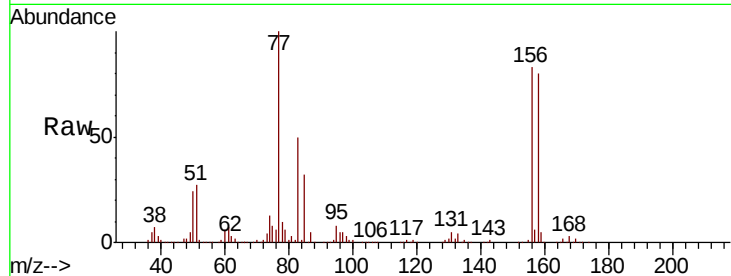
Tot Ion:156 Resp: 193757

Ion Ratio Lower Upper

156 100

77 131.1 86.8 260.3

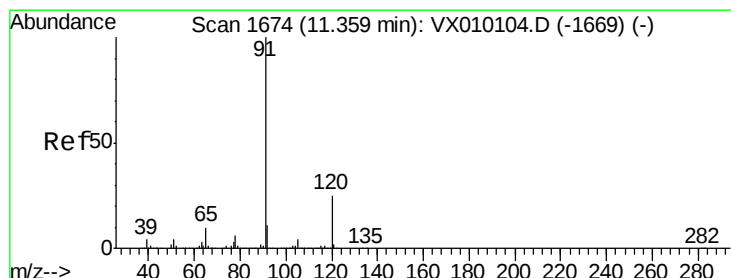
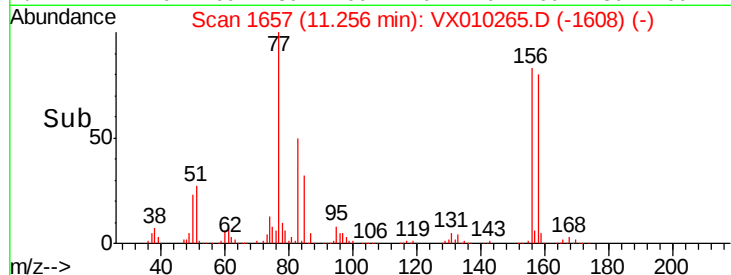
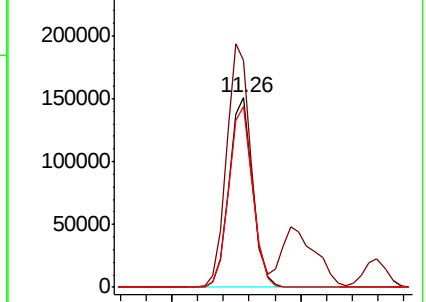
158 96.8 49.6 148.8



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: 47.046 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010265.D

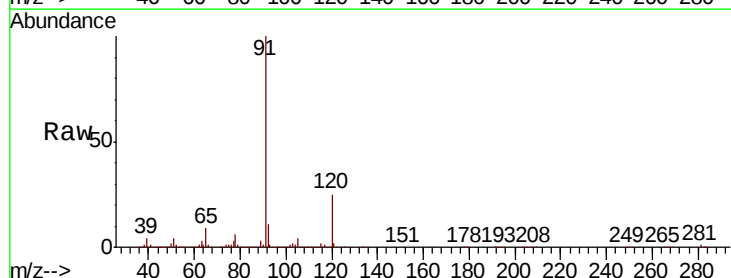
Acq: 12 Jun 2019 20:51

Tgt Ion: 91 Resp: 775533

Ion Ratio Lower Upper

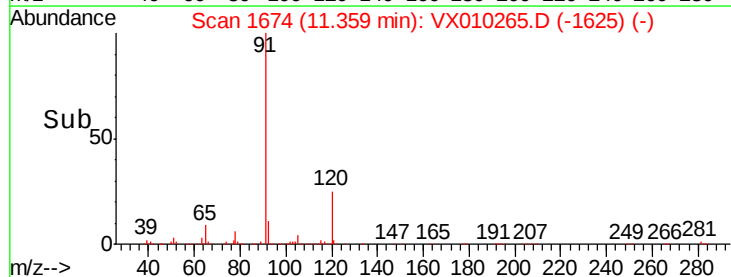
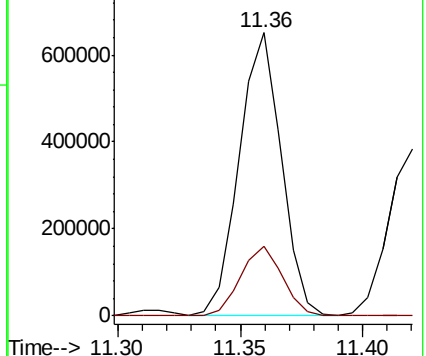
91 100

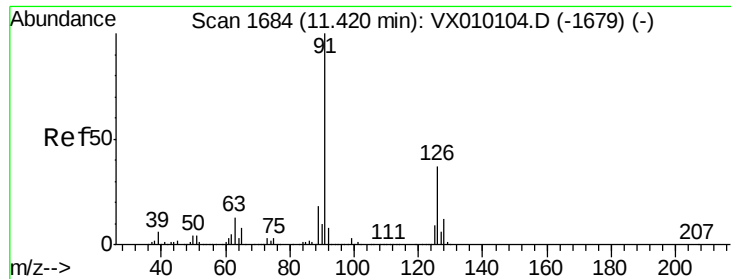
120 24.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.070 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

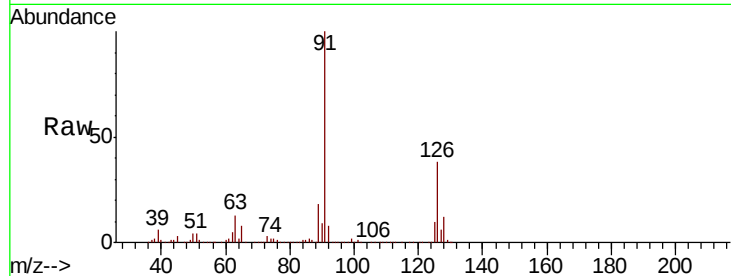
ClientSampleId :

Tot Ion: 91 Resp: 456119

Ion Ratio Lower Upper

91 100

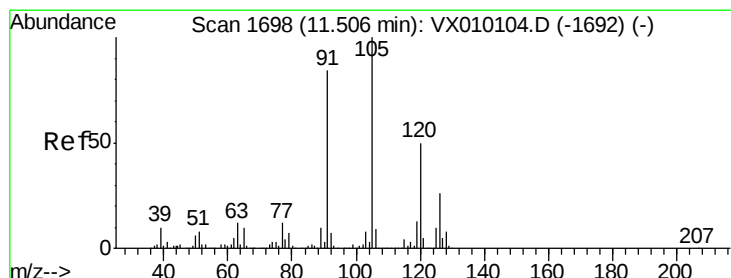
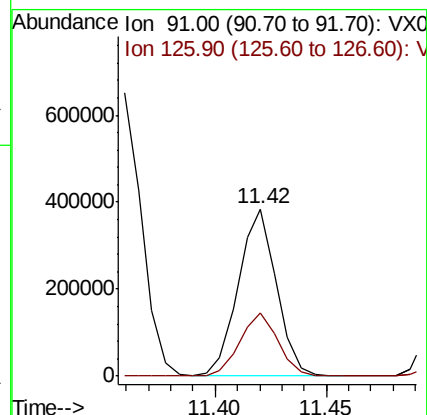
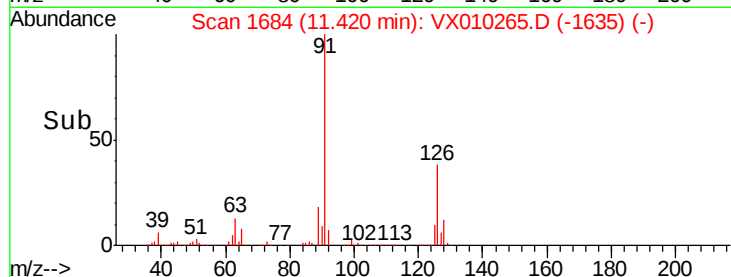
126 38.0 16.1 48.3



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

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

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 46.133 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010265.D

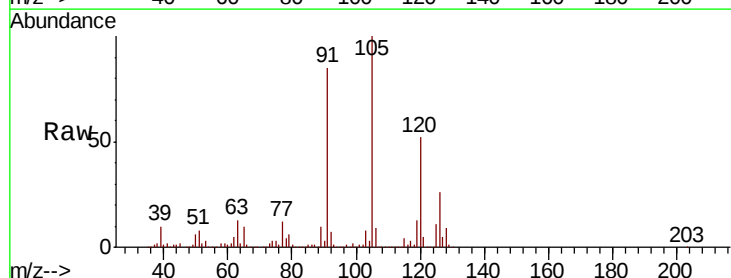
Acq: 12 Jun 2019 20:51

Tgt Ion: 105 Resp: 575355

Ion Ratio Lower Upper

105 100

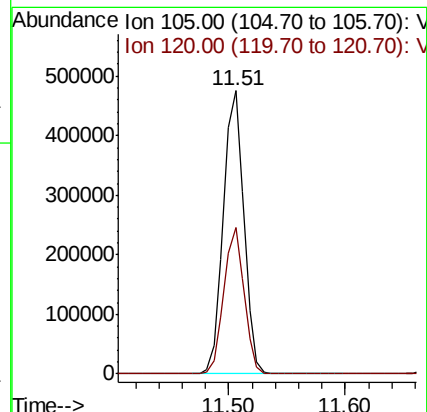
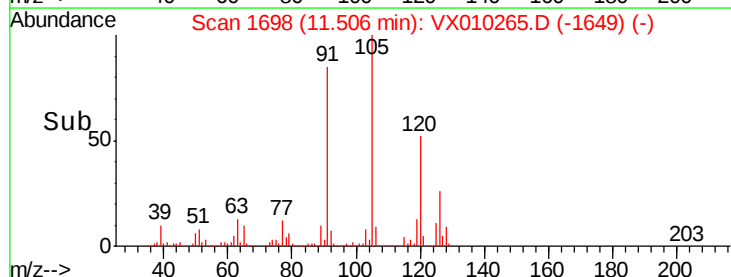
120 51.1 24.1 72.3

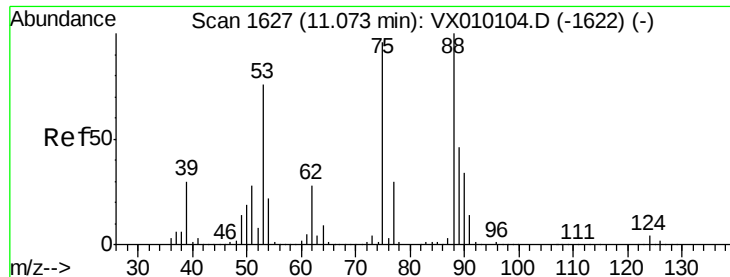


Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

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

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 43.349 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

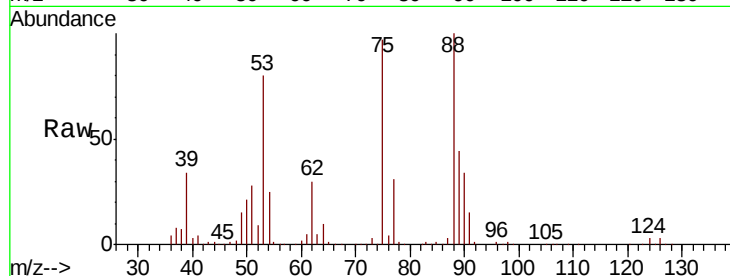
Tot Ion: 75 Resp: 83243

Ion Ratio Lower Upper

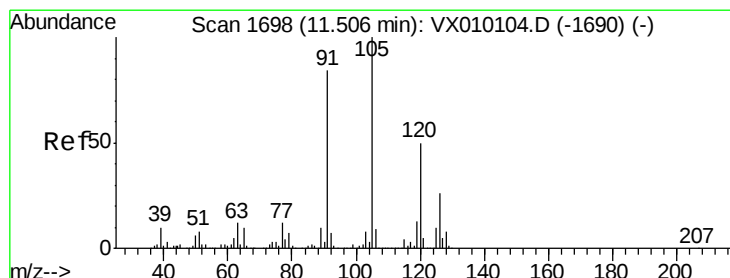
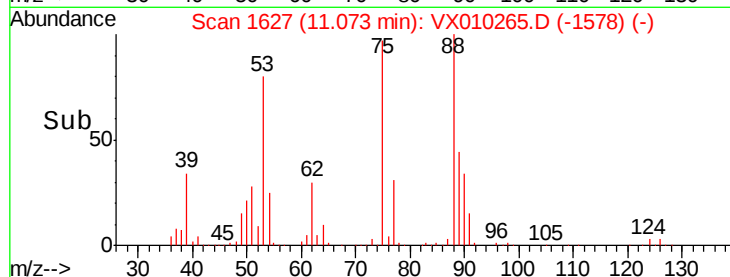
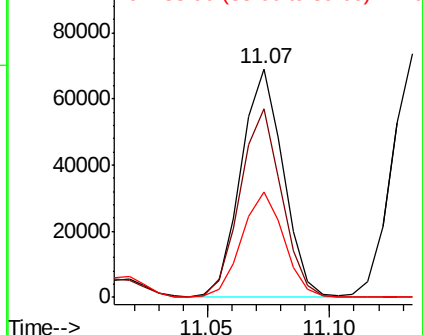
75 100

53 80.7 79.8 119.6

89 45.9 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.240 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010265.D

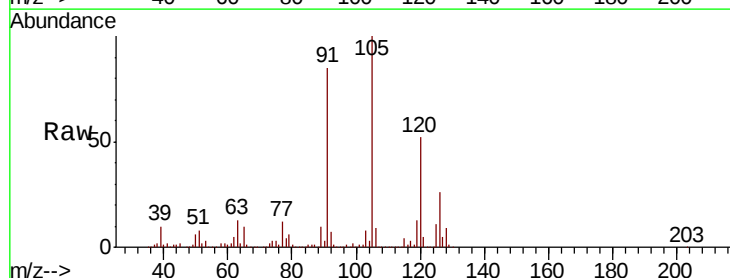
Acq: 12 Jun 2019 20:51

Tgt Ion: 91 Resp: 520047

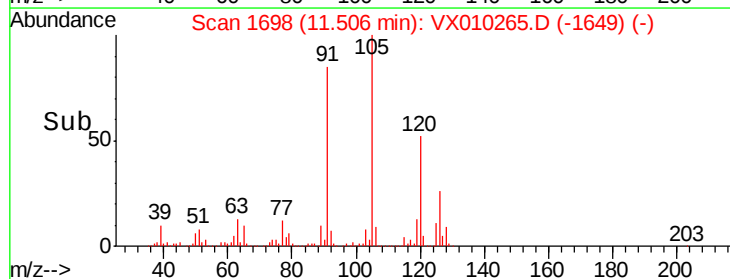
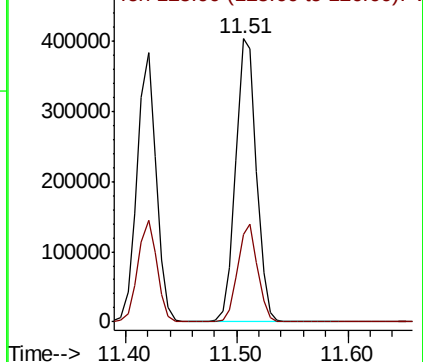
Ion Ratio Lower Upper

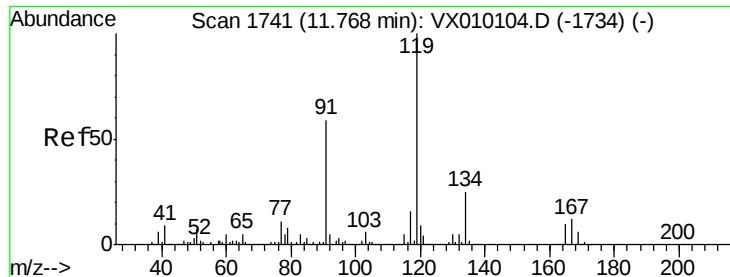
91 100

126 33.0 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 46.706 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampled :

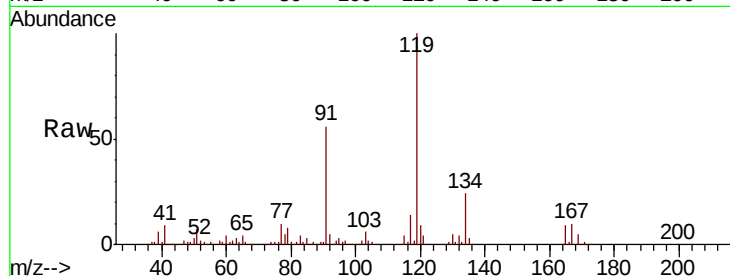
Tot Ion:119 Resp: 589564

Ion Ratio Lower Upper

119 100

91 53.6 30.0 90.0

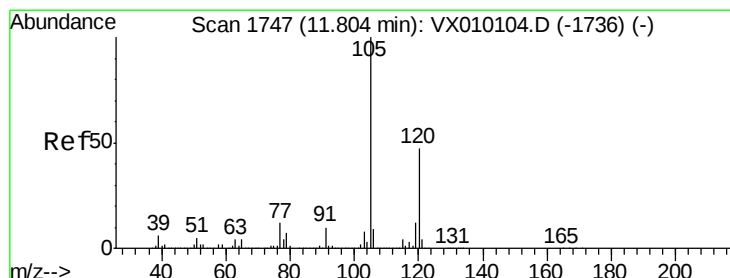
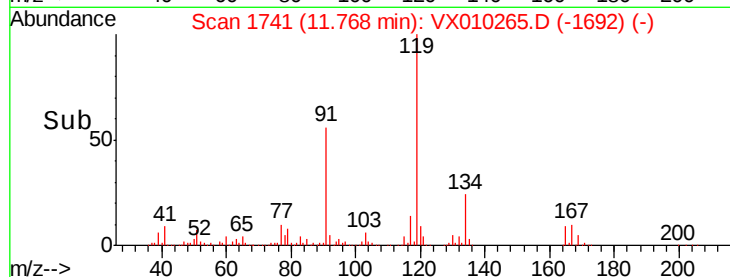
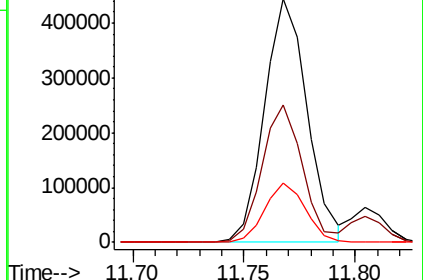
134 23.1 11.2 33.5



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: 46.755 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010265.D

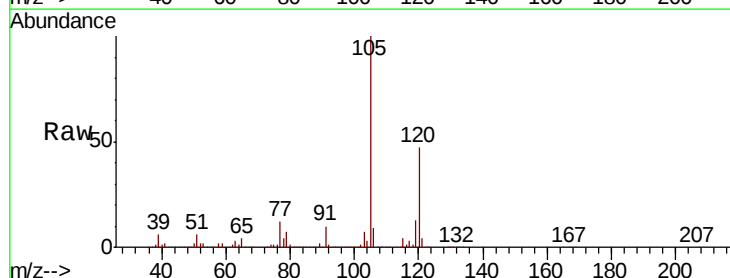
Acq: 12 Jun 2019 20:51

Tgt Ion:105 Resp: 588994

Ion Ratio Lower Upper

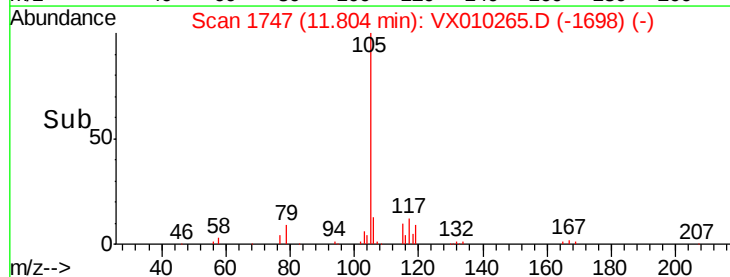
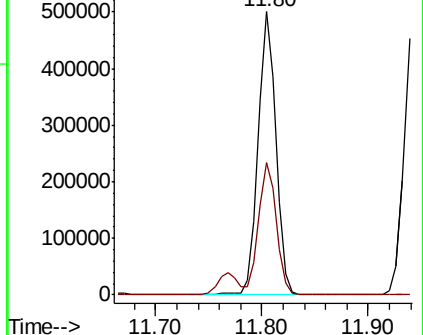
105 100

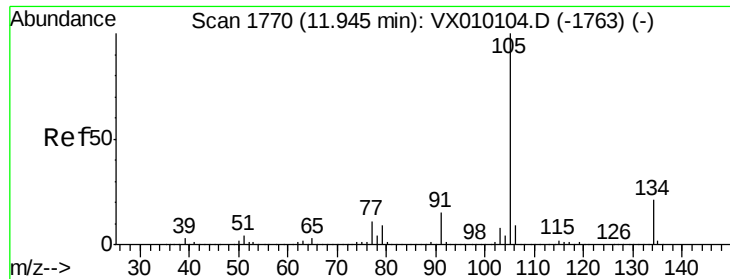
120 46.2 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.221 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

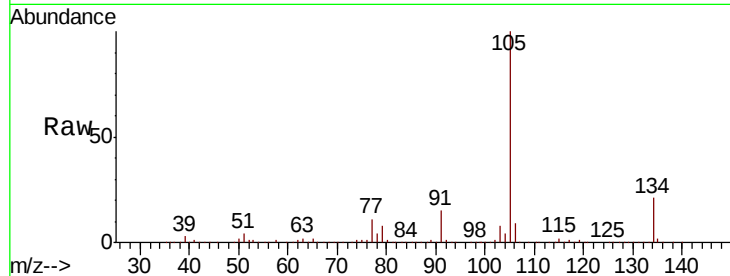
ClientSampleId :

Tot Ion:105 Resp: 694437

Ion Ratio Lower Upper

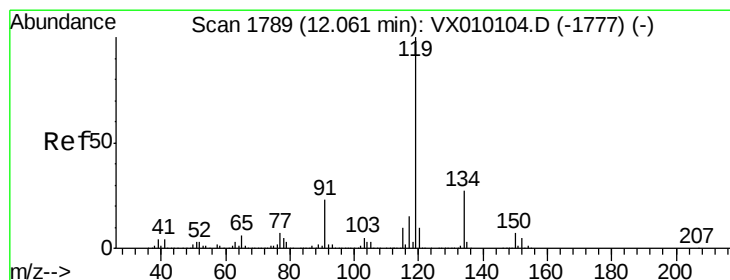
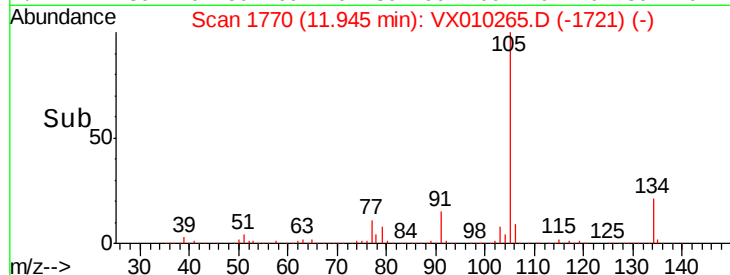
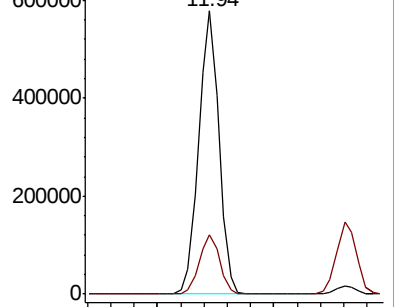
105 100

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: 47.188 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

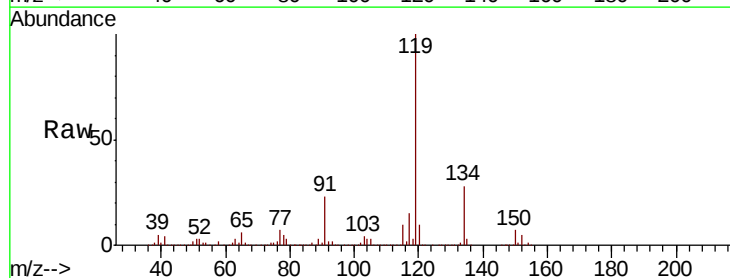
Tgt Ion:119 Resp: 634400

Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

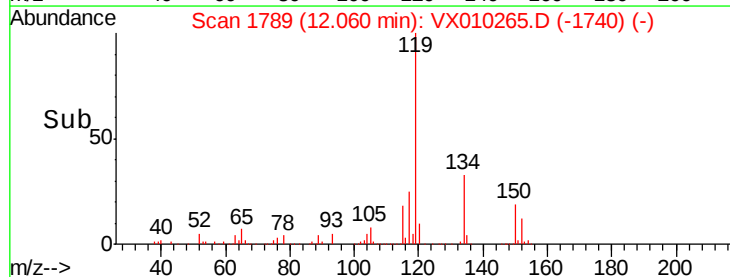
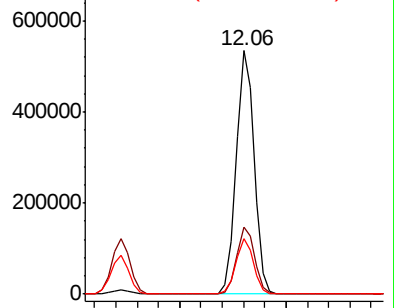
91 22.2 11.9 35.9

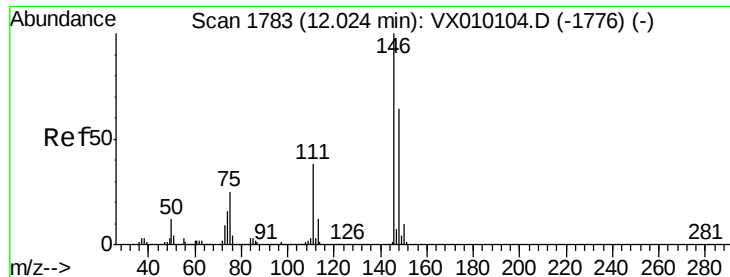


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

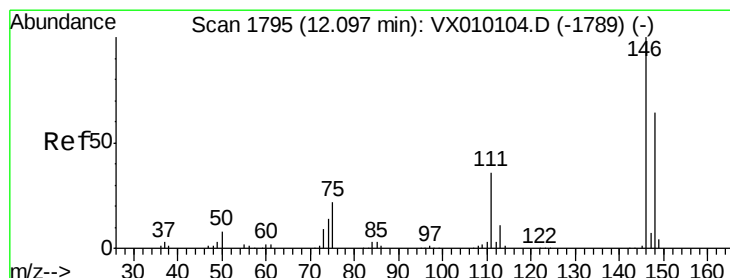
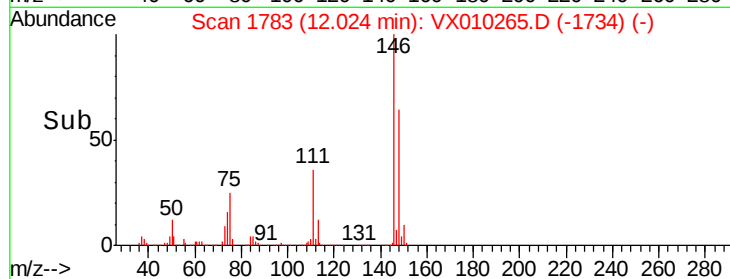
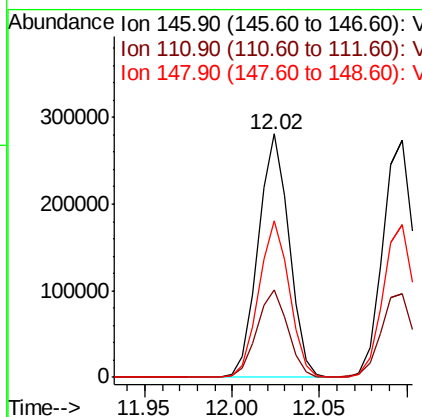
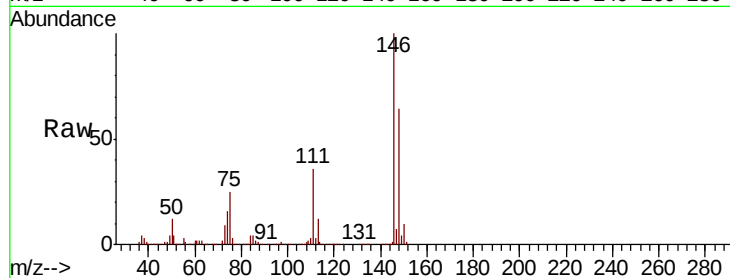




#87
 1,3-Dichlorobenzene
 Concen: 47.990 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

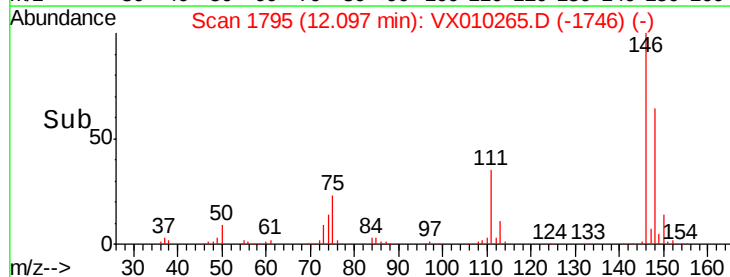
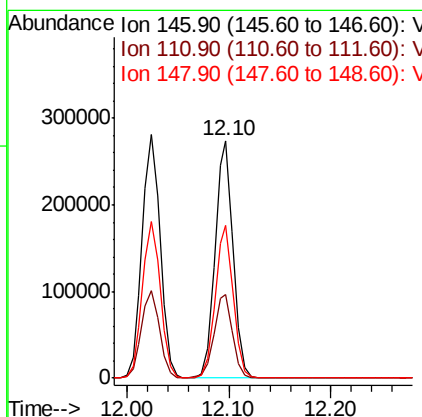
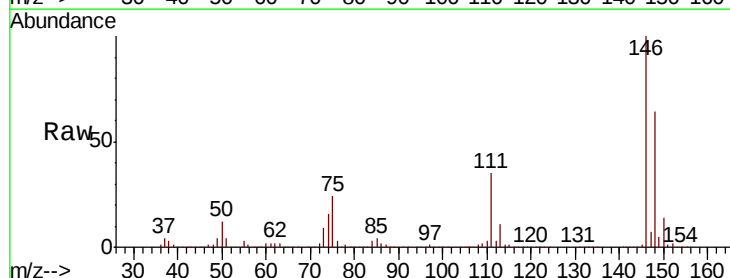
Instrument :
 MSVOA_X
 ClientSampled :

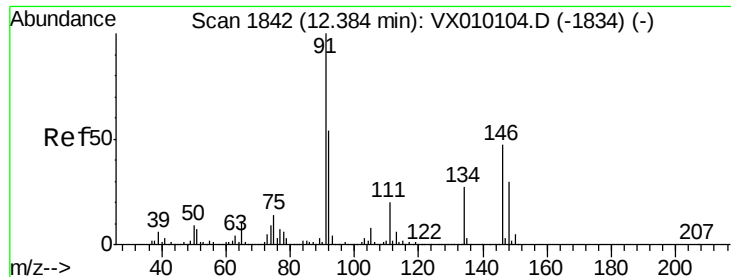
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	20.1	60.2
148	63.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.056 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	20.0	59.9
148	64.3	32.3	96.9

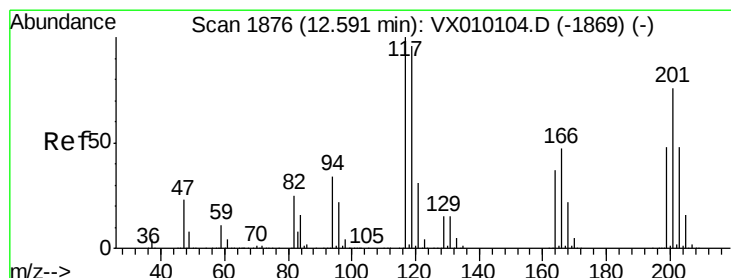
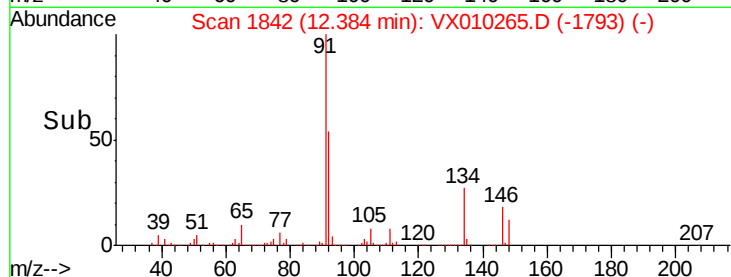
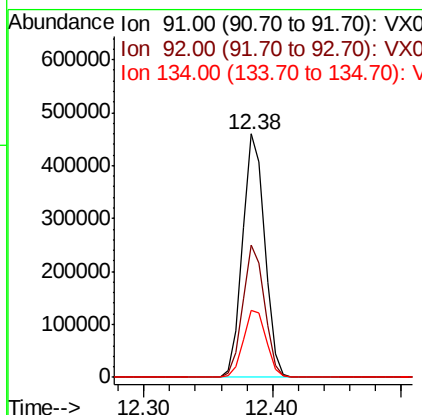
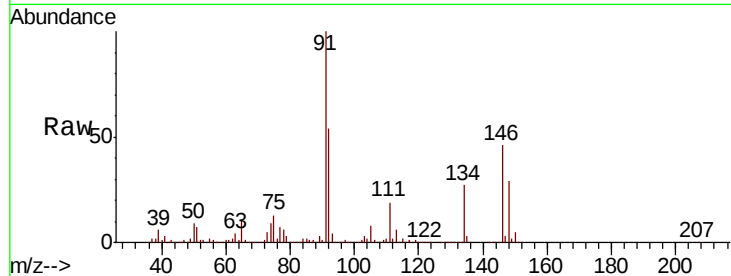




#89
n-Butylbenzene
Concen: 46.961 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

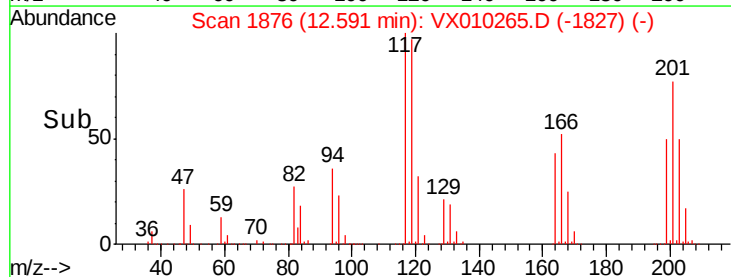
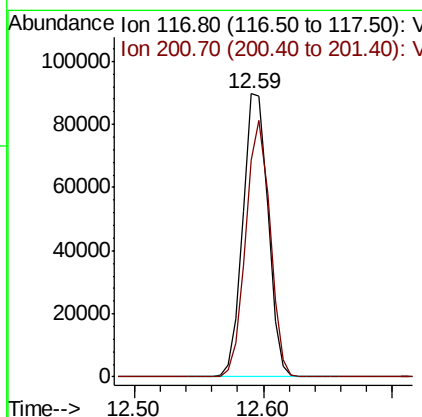
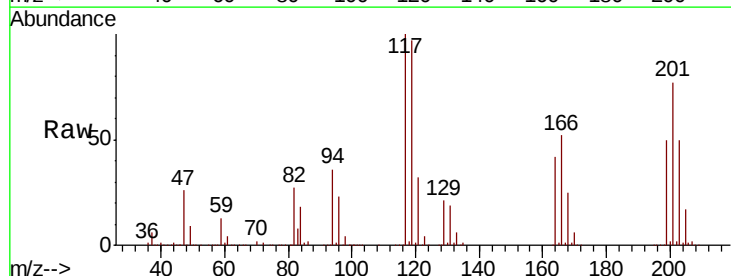
Instrument :
MSVOA_X
ClientSampled :

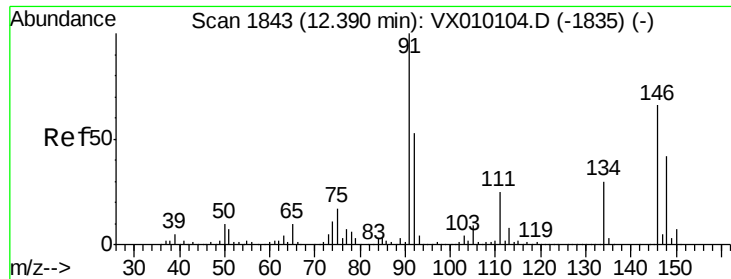
Tot Ion: 91 Resp: 543459
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.8
134 28.3 12.3 36.8



#90
Hexachloroethane
Concen: 45.134 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion: 117 Resp: 120876
Ion Ratio Lower Upper
117 100
201 87.0 43.6 130.9

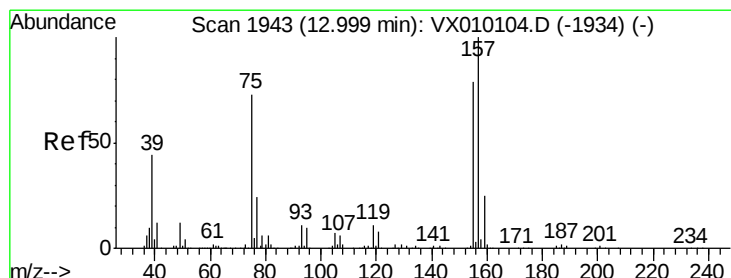
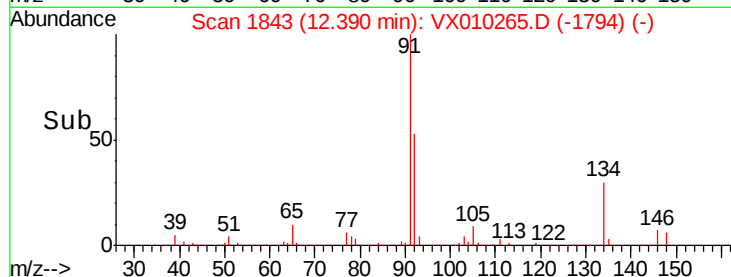
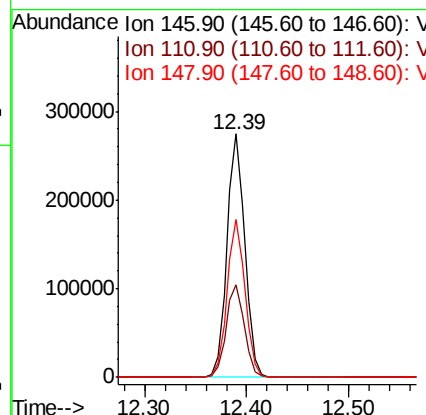
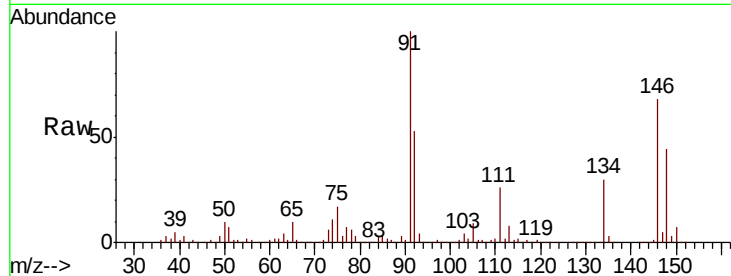




#91
1,2-Dichlorobenzene
Concen: 48.000 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

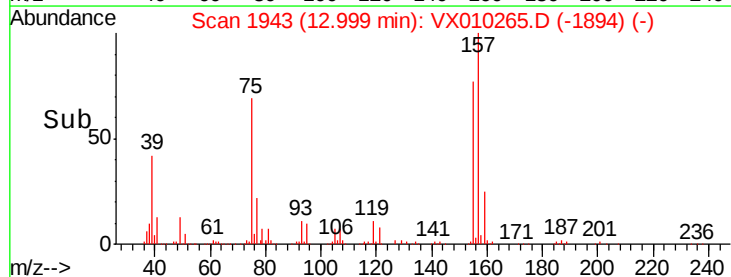
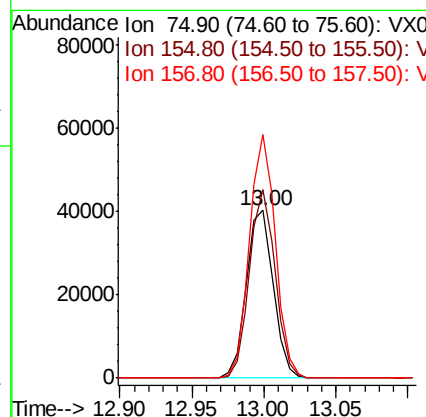
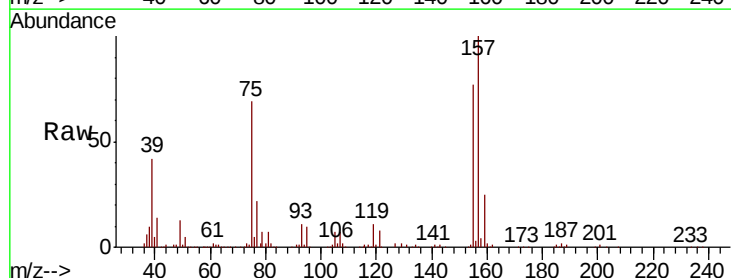
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 334690
Ion Ratio Lower Upper
146 100
111 38.5 21.1 63.1
148 64.7 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.789 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX010265.D
Acq: 12 Jun 2019 20:51

Tgt Ion: 75 Resp: 52228
Ion Ratio Lower Upper
75 100
155 107.3 39.3 117.8
157 139.0 50.6 151.8

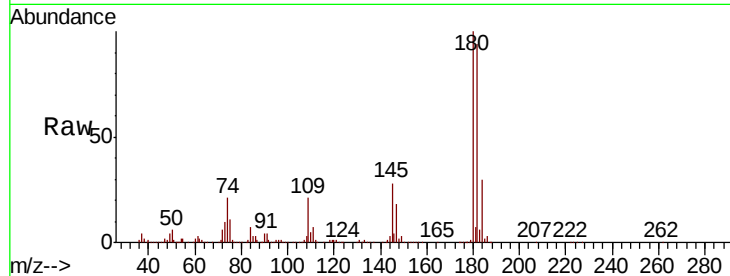




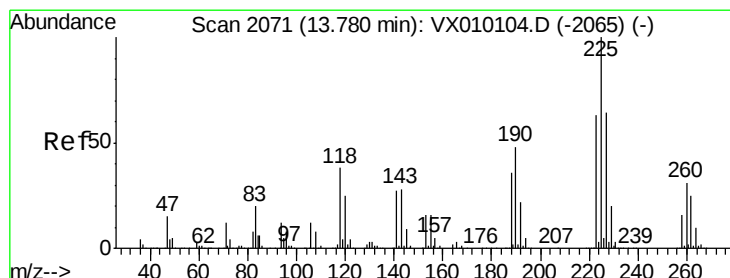
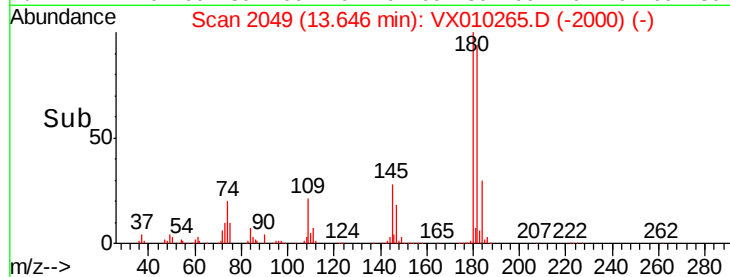
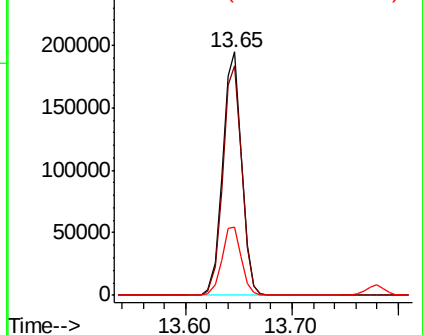
#93
 1,2,4-Trichlorobenzene
 Concen: 47.254 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 241183
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.4 142.2
 145 28.9 14.5 43.5

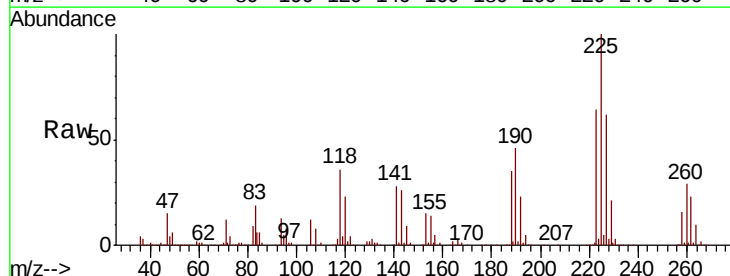


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

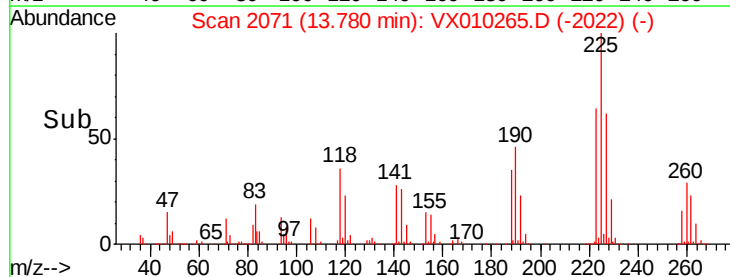
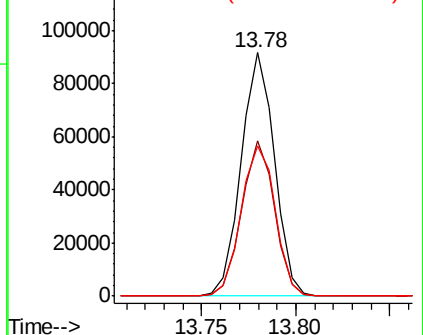


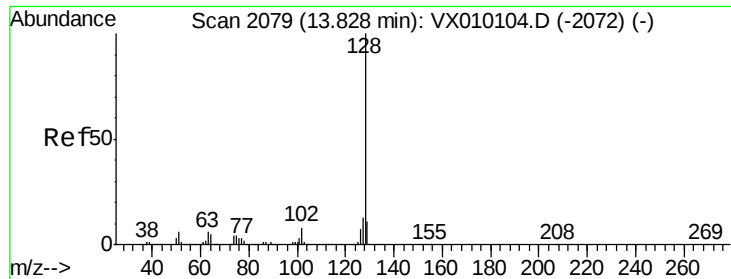
#94
 Hexachlorobutadiene
 Concen: 49.453 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010265.D
 Acq: 12 Jun 2019 20:51

Tgt Ion:225 Resp: 112253
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 63.5 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: 48.279 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

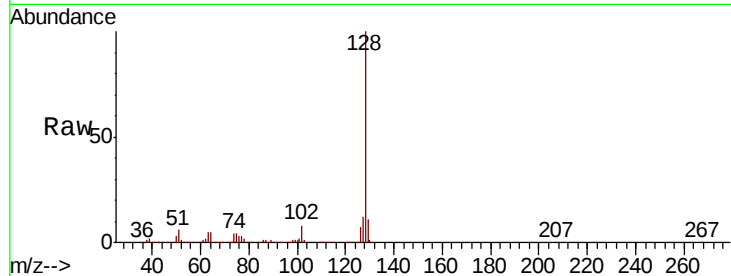
Tot Ion:128 Resp: 775697

Ion Ratio Lower Upper

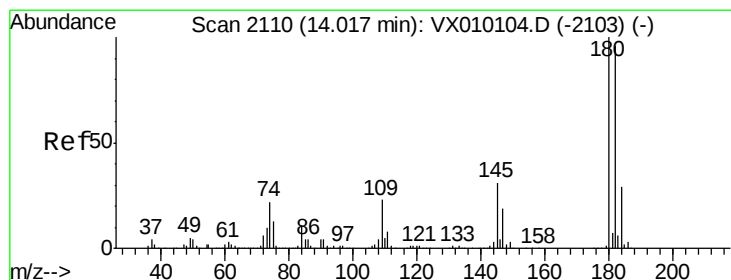
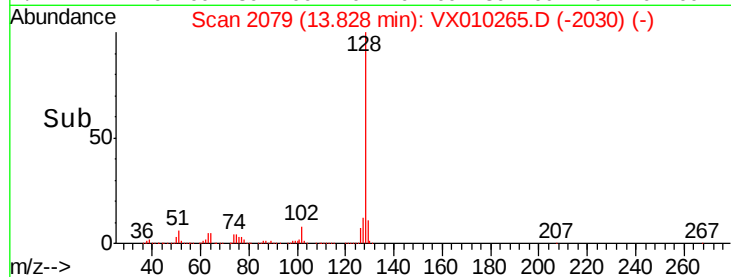
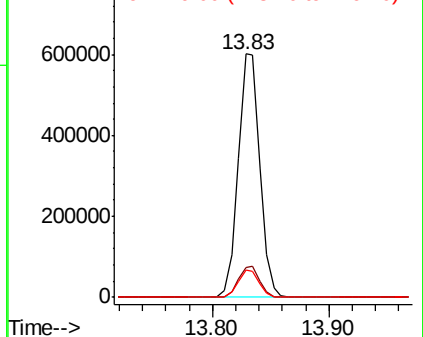
128 100

127 12.7 10.6 16.0

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.444 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010265.D

Acq: 12 Jun 2019 20:51

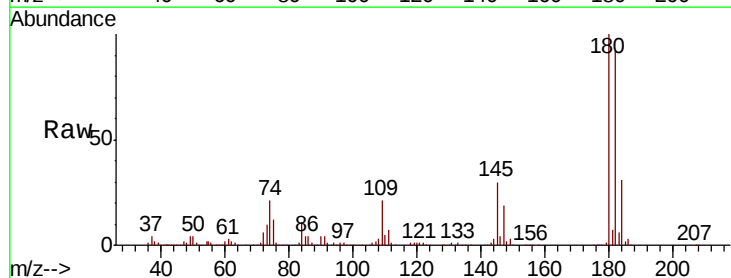
Tgt Ion:180 Resp: 244474

Ion Ratio Lower Upper

180 100

182 93.2 47.3 142.0

145 30.7 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

