

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010051.D
 Acq On : 04 Jun 2019 10:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:16:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	171651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123003	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	115466	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
35) Dibromofluoromethane	5.49	113	84955	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
50) Toluene-d8	8.71	98	345837	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.13	95	128823	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	107863	51.424	ug/l	98
3) Chloromethane	1.32	50	115826	41.075	ug/l	99
4) Vinyl Chloride	1.41	62	109189	42.954	ug/l	99
5) Bromomethane	1.64	94	61615	40.006	ug/l	97
6) Chloroethane	1.71	64	63430	40.535	ug/l	96
7) Trichlorofluoromethane	1.92	101	128777	45.844	ug/l	100
8) Diethyl Ether	2.19	74	55620	42.135	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79698	46.993	ug/l	97
10) Methyl Iodide	2.51	142	94697	45.550	ug/l	99
11) Tert butyl alcohol	3.05	59	125118	209.676	ug/l	100
12) 1,1-Dichloroethene	2.37	96	77265	44.447	ug/l	97
13) Acrolein	2.29	56	92403	221.121	ug/l	99
14) Allyl chloride	2.73	41	194695	46.081	ug/l	99
15) Acrylonitrile	3.14	53	307021	213.537	ug/l	99
16) Acetone	2.44	43	315726	225.366	ug/l	100
17) Carbon Disulfide	2.57	76	230727	43.881	ug/l	99
18) Methyl Acetate	2.77	43	147420	45.224	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	306092	46.639	ug/l	100
20) Methylene Chloride	2.85	84	95979	44.738	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	87174	45.069	ug/l	97
22) Diisopropyl ether	3.85	45	369039	45.906	ug/l	87
23) Vinyl Acetate	3.81	43	1640269	227.125	ug/l	99
24) 1,1-Dichloroethane	3.70	63	178802	45.895	ug/l	99
25) 2-Butanone	4.67	43	477810	218.912	ug/l	99
26) 2,2-Dichloropropane	4.58	77	140844	47.791	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	101109	45.285	ug/l	97
28) Bromochloromethane	5.01	49	91209	45.115	ug/l	97
29) Tetrahydrofuran	5.12	42	300130	214.432	ug/l	99
30) Chloroform	5.21	83	164749	46.890	ug/l	99
31) Cyclohexane	5.57	56	174621	47.324	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	140064	48.949	ug/l	99
36) 1,1-Dichloropropene	5.79	75	128433	48.401	ug/l	99
37) Ethyl Acetate	4.83	43	172377	46.622	ug/l	99
38) Carbon Tetrachloride	5.78	117	118339	51.609	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164014	52.109	ug/l	99
40) Benzene	6.14	78	388929	49.410	ug/l	99
41) Methacrylonitrile	5.04	41	98824	45.742	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141607	48.661	ug/l	100
43) Isopropyl Acetate	6.44	43	281224	47.139	ug/l	100
44) Trichloroethene	7.21	130	94476	49.412	ug/l	95
45) 1,2-Dichloropropane	7.51	63	109096	48.146	ug/l	98
46) Dibromomethane	7.66	93	62731	47.032	ug/l	97
47) Bromodichloromethane	7.89	83	129546	51.076	ug/l	99
48) Methyl methacrylate	7.77	41	143485	48.585	ug/l	99
49) 1,4-Dioxane	7.74	88	51602	939.345	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	927847	239.084	ug/l	100
52) Toluene	8.78	92	237079	49.605	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	153880	50.587	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167489	50.536	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	94933	49.352	ug/l	98
56) Ethyl methacrylate	9.18	69	175377	51.211	ug/l	100
57) 1,3-Dichloropropane	9.37	76	167277	48.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	405637	225.883	ug/l	99
59) 2-Hexanone	9.49	43	733204	245.393	ug/l	100
60) Dibromochloromethane	9.58	129	99409	52.535	ug/l	100
61) 1,2-Dibromoethane	9.67	107	98920	50.055	ug/l	100
64) Tetrachloroethene	9.34	164	87403	52.231	ug/l	95
65) Chlorobenzene	10.13	112	250556	49.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	90771	52.180	ug/l	99
67) Ethyl Benzene	10.25	91	467390	51.901	ug/l	99
68) m/p-Xylenes	10.35	106	345913	103.975	ug/l	98
69) o-Xylene	10.69	106	166656	52.233	ug/l	98
70) Styrene	10.71	104	297727	53.215	ug/l	99
71) Bromoform	10.85	173	78133	54.948	ug/l #	97
73) Isopropylbenzene	11.02	105	452944	49.909	ug/l	99
74) N-amyl acetate	10.90	43	258707	47.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156796	46.310	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191883	65.236	ug/l	80
77) Bromobenzene	11.25	156	113155	48.925	ug/l	96
78) n-propylbenzene	11.36	91	533180	50.969	ug/l	100
79) 2-Chlorotoluene	11.42	91	313335	49.025	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	387307	50.657	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57038	47.978	ug/l	98
82) 4-Chlorotoluene	11.51	91	366037	49.197	ug/l	98
83) tert-Butylbenzene	11.77	119	373473	51.058	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	388448	50.028	ug/l	99
85) sec-Butylbenzene	11.94	105	451160	51.845	ug/l	100
86) p-Isopropyltoluene	12.06	119	413195	52.789	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205399	49.883	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	204659	48.736	ug/l	98
89) n-Butylbenzene	12.38	91	387248	52.644	ug/l	99
90) Hexachloroethane	12.59	117	70073	52.166	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	201128	49.543	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35562	44.622	ug/l	95

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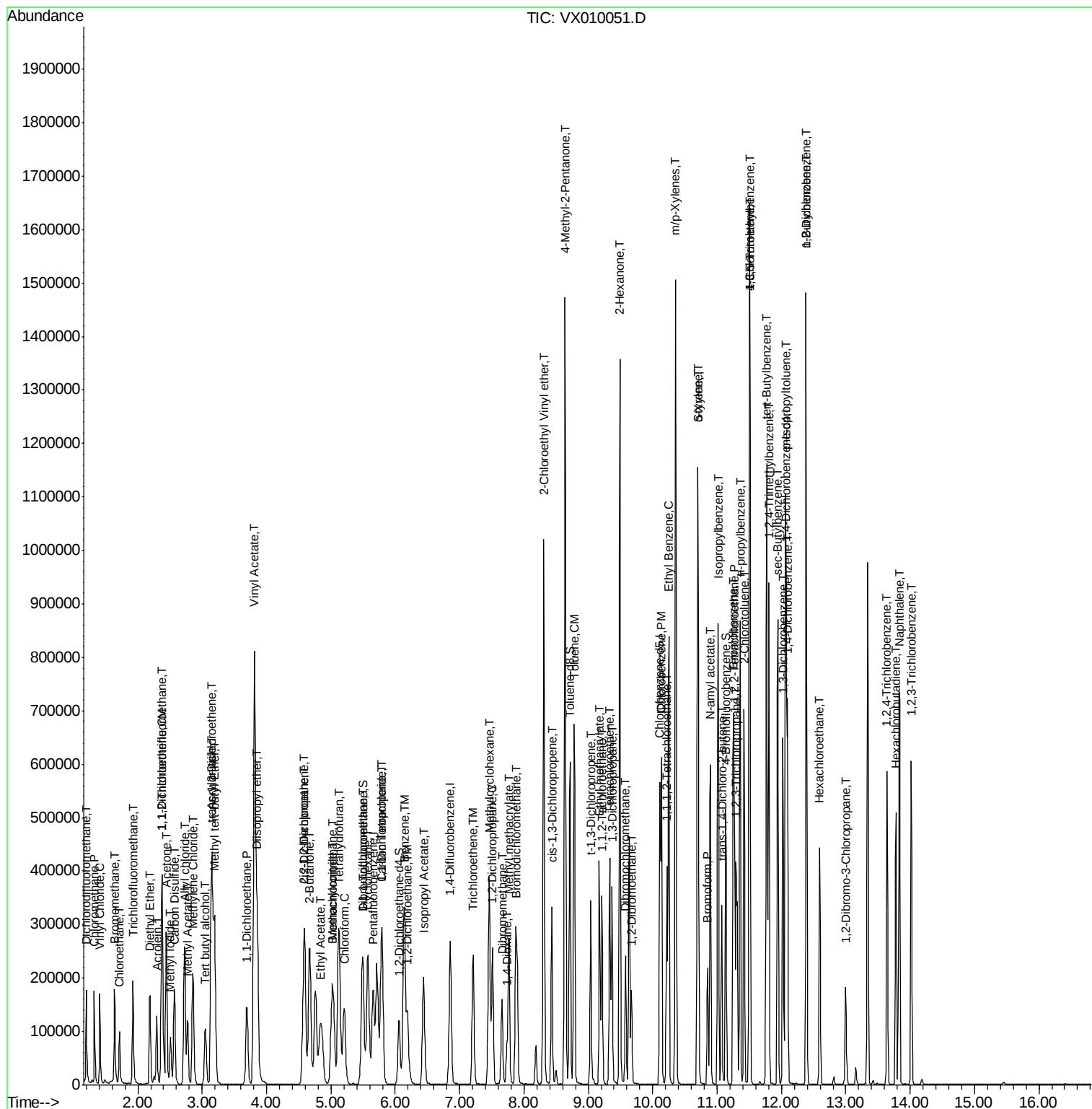
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150455	51.861	ug/l	100
94) Hexachlorobutadiene	13.78	225	77493	53.255	ug/l	100
95) Naphthalene	13.83	128	449275	49.764	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	146889	50.582	ug/l	99

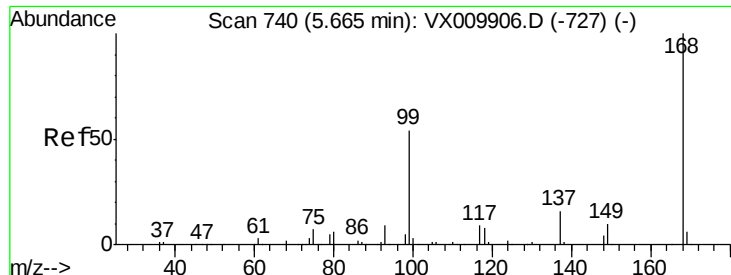
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060419\
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MSVOA_X
ClientSampled :

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

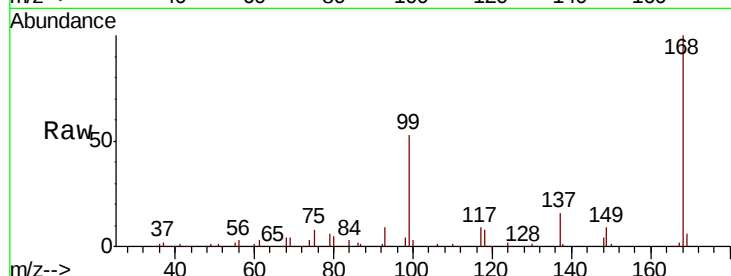
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Tot Ion:168 Resp: 171651

Ion Ratio Lower Upper

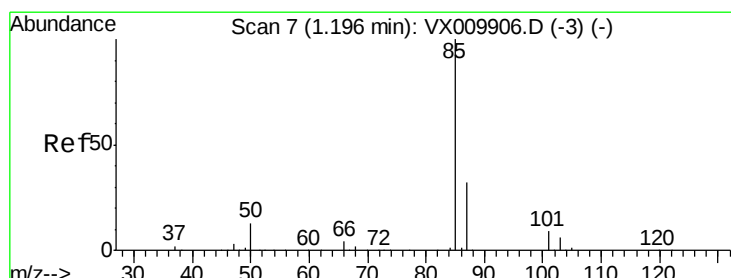
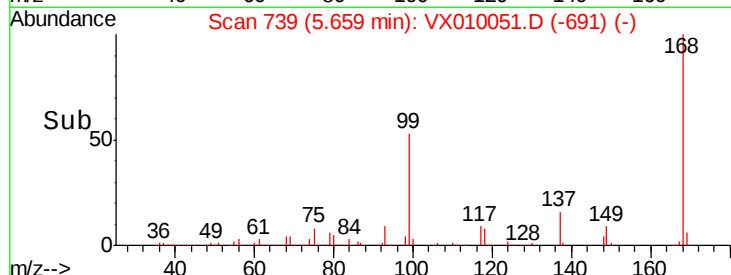
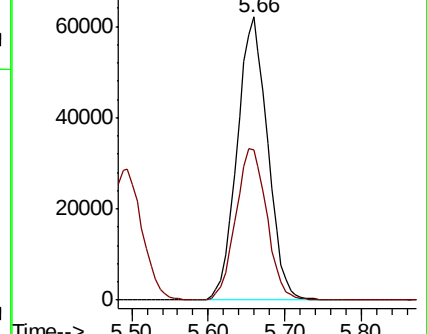
168 100

99 52.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.424 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010051.D

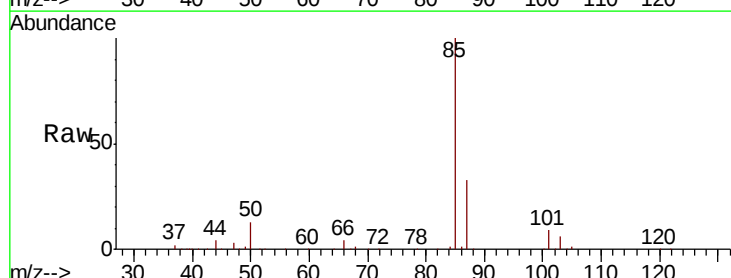
Acq: 04 Jun 2019 10:25

Tgt Ion: 85 Resp: 107863

Ion Ratio Lower Upper

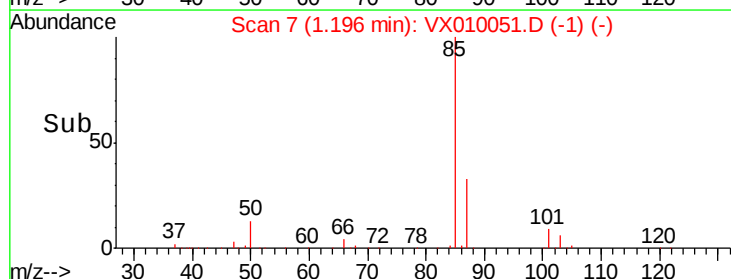
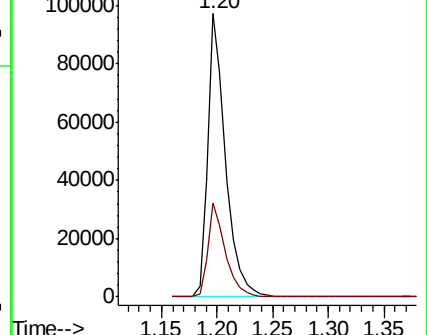
85 100

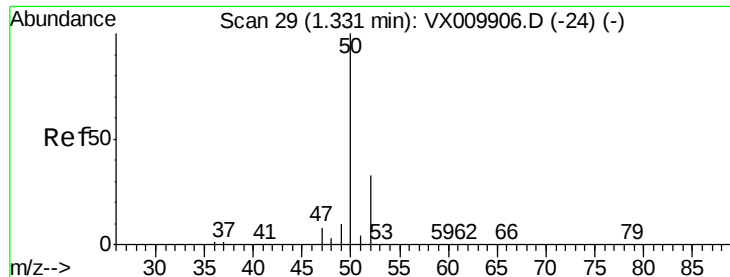
87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.075 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

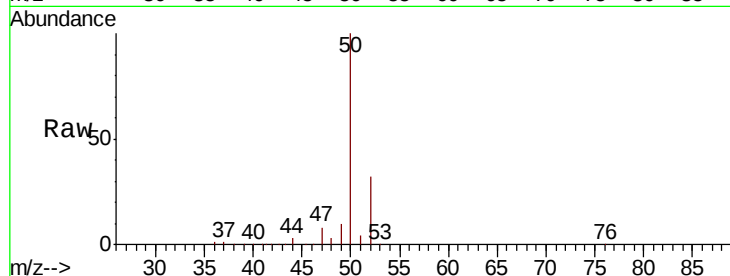
ClientSampleId :

Tot Ion: 50 Resp: 115826

Ion Ratio Lower Upper

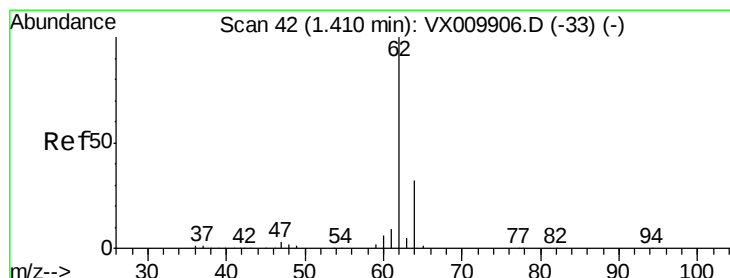
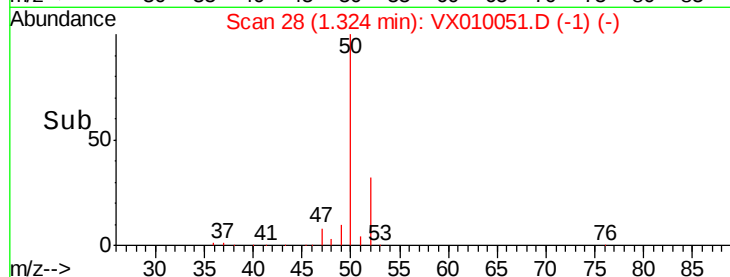
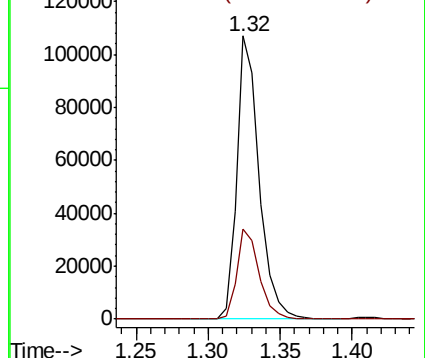
50 100

52 31.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.954 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010051.D

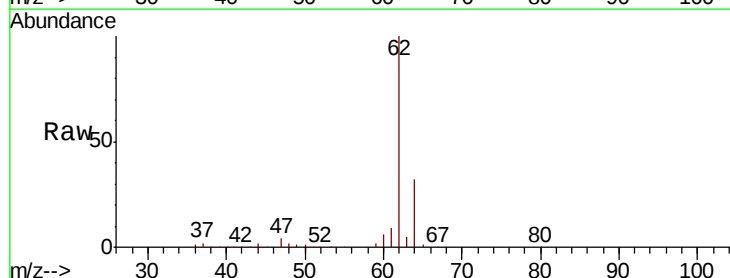
Acq: 04 Jun 2019 10:25

Tgt Ion: 62 Resp: 109189

Ion Ratio Lower Upper

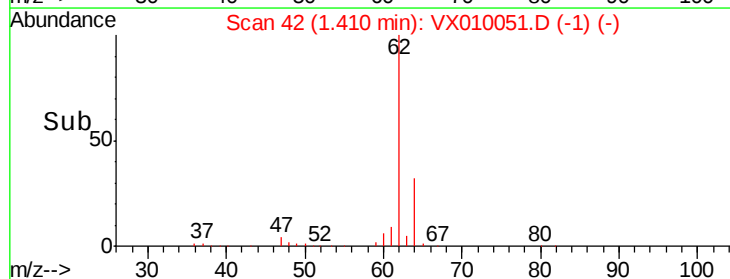
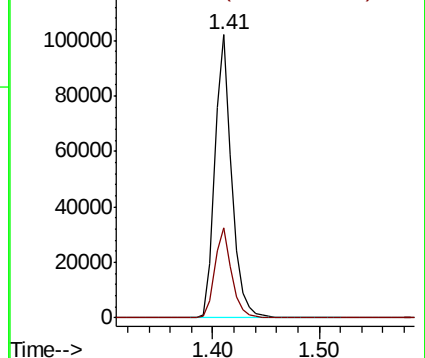
62 100

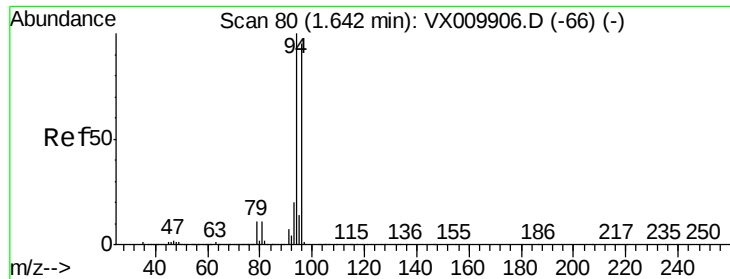
64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.006 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

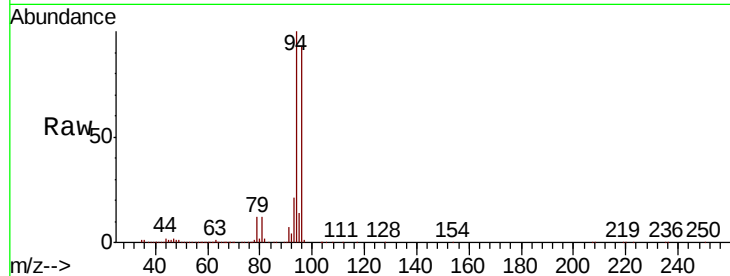
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 61615

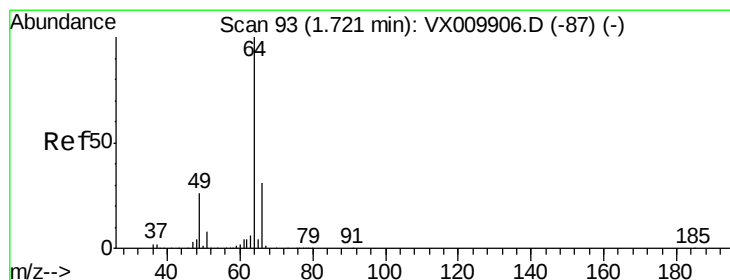
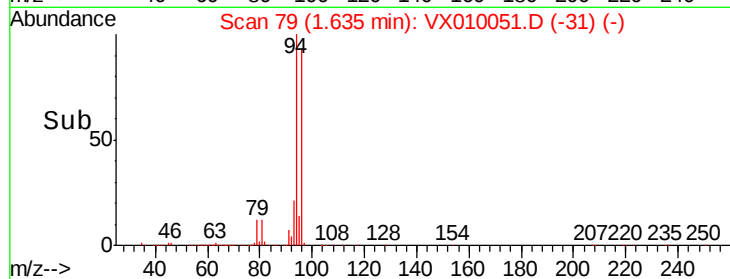
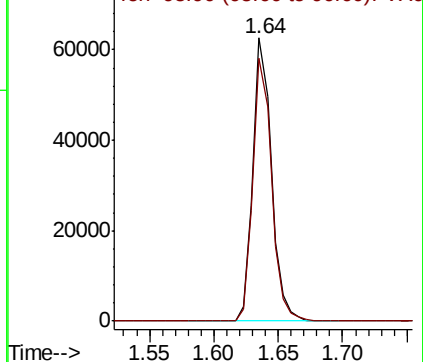
Ion Ratio Lower Upper

94 100

96 92.7 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: 40.535 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010051.D

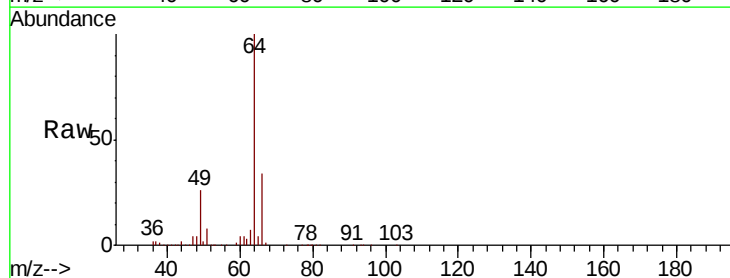
Acq: 04 Jun 2019 10:25

Tgt Ion: 64 Resp: 63430

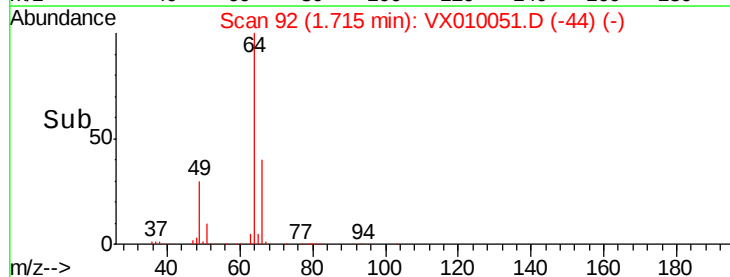
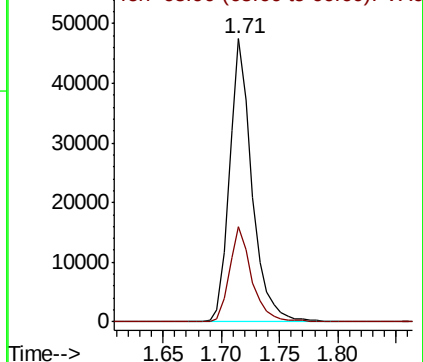
Ion Ratio Lower Upper

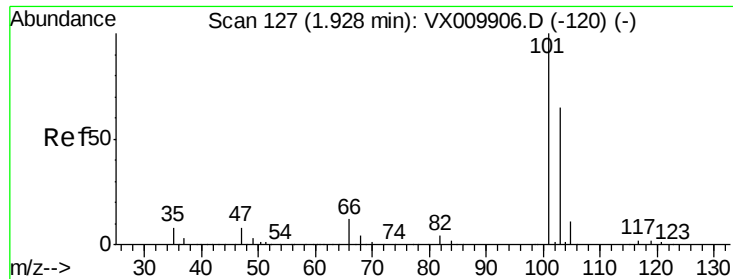
64 100

66 33.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



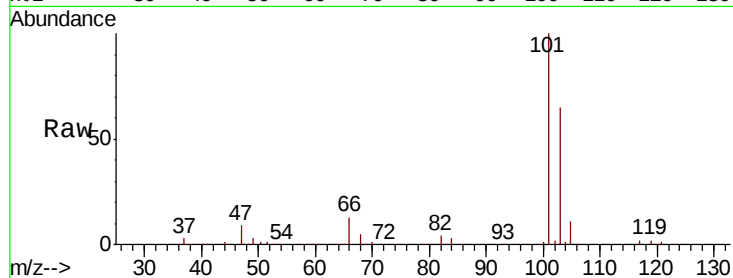


#7

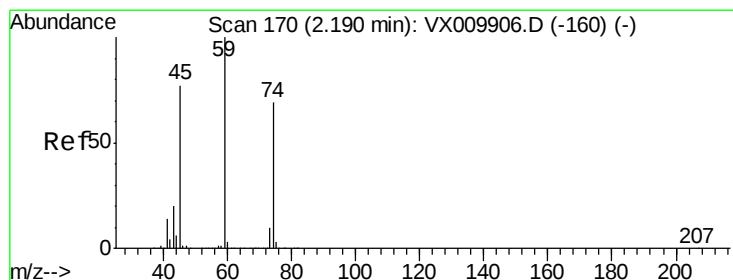
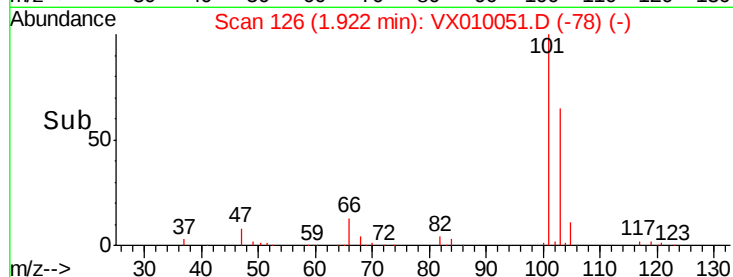
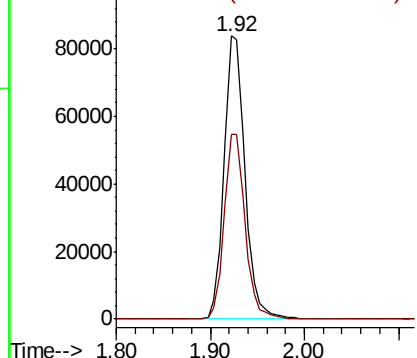
Trichlorofluoromethane
Concen: 45.844 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 128777
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.4



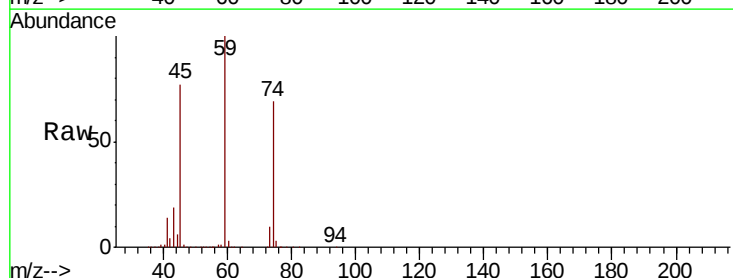
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



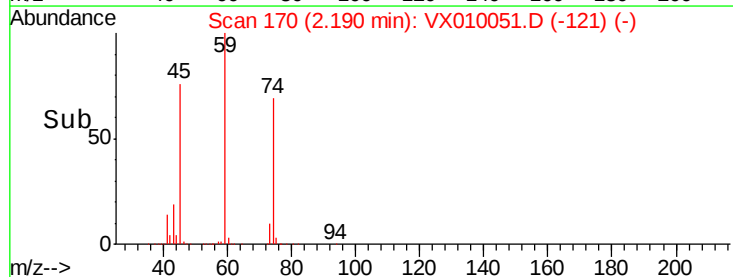
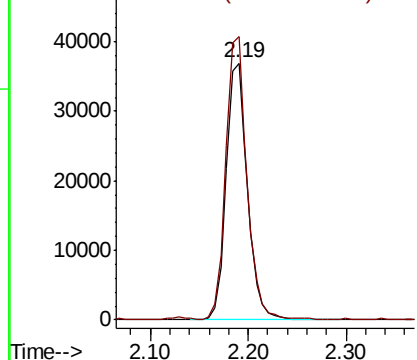
#8

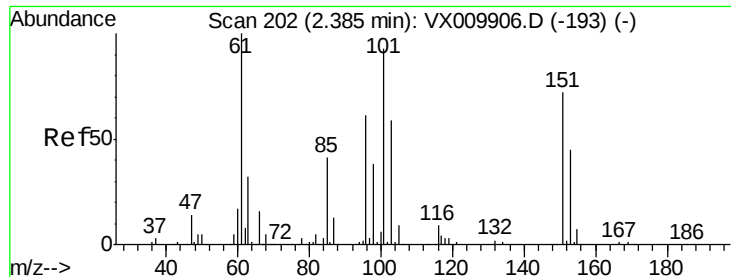
Diethyl Ether
Concen: 42.135 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion: 74 Resp: 55620
Ion Ratio Lower Upper
74 100
45 108.4 56.1 168.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0

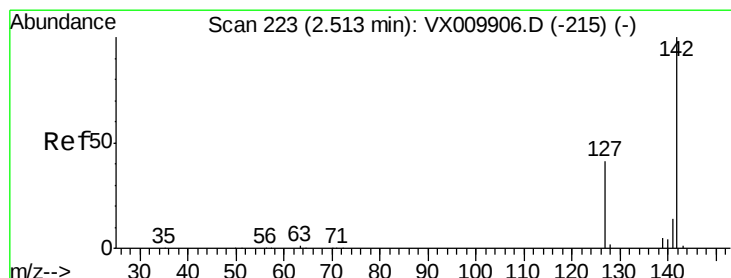
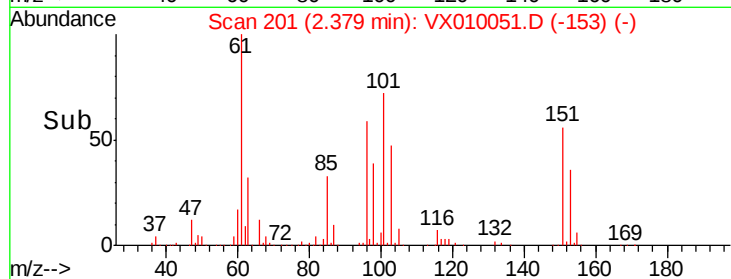
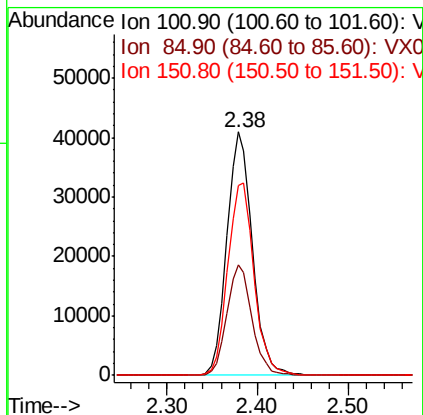
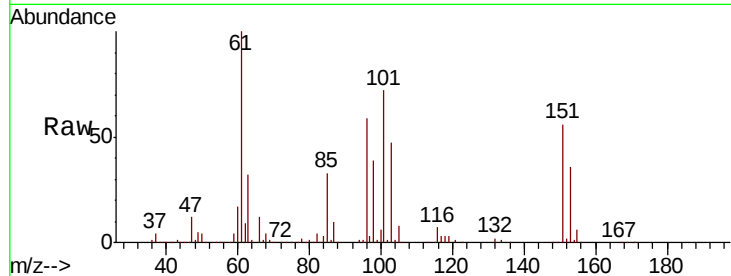




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.993 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

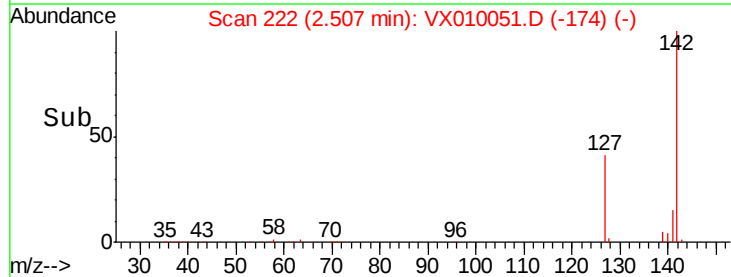
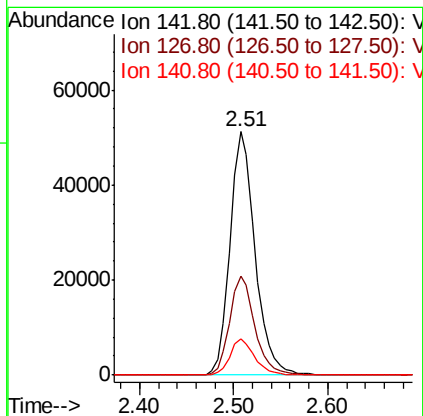
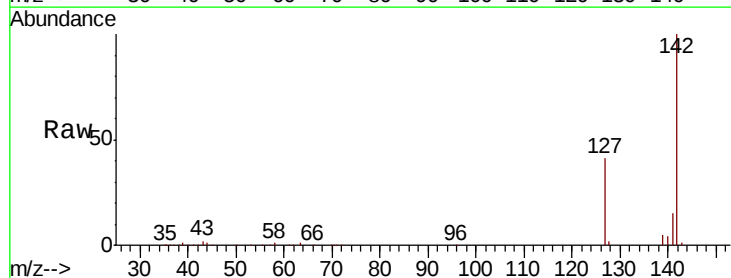
Instrument :
 MSVOA_X
 ClientSampleId :

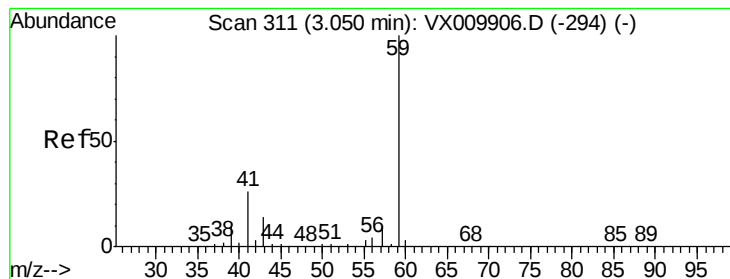
Tot Ion:101 Resp: 79698
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.2 52.8
 151 81.2 61.9 92.9



#10
 Methyl Iodide
 Concen: 45.550 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion:142 Resp: 94697
 Ion Ratio Lower Upper
 142 100
 127 40.9 33.0 49.4
 141 14.5 11.4 17.0



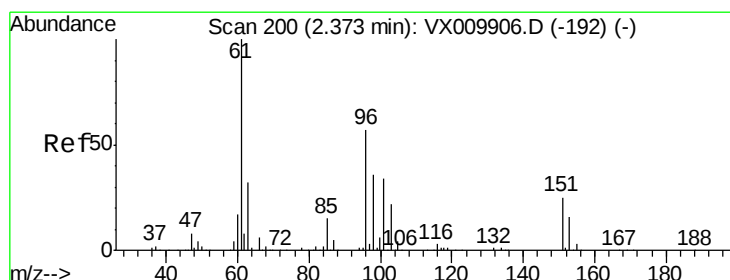
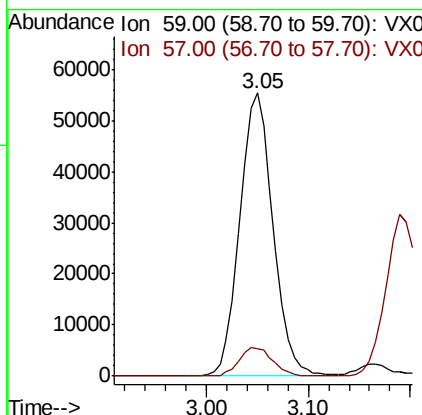
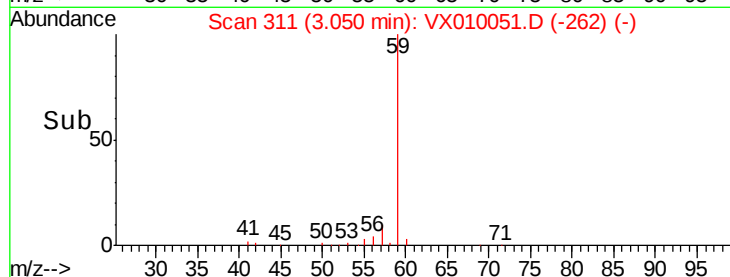
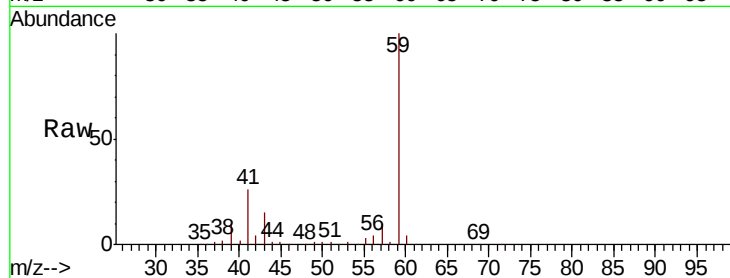


#11

Tert butyl alcohol
 Concen: 209.676 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Instrument :
 MSVOA_X
 ClientSampled :

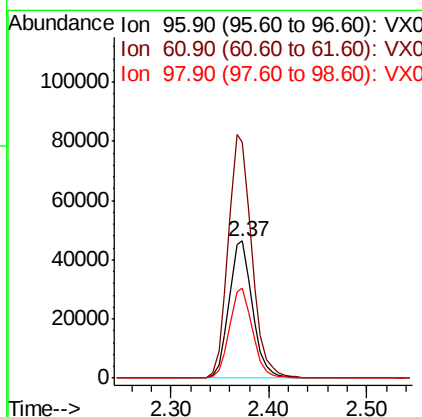
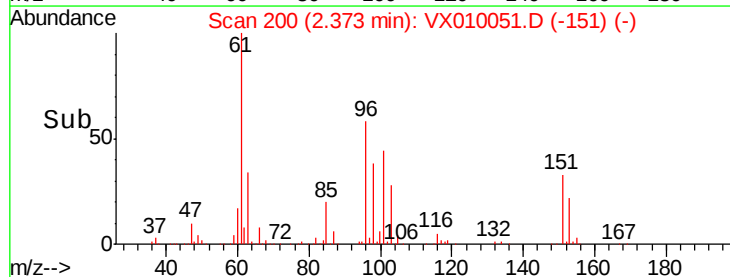
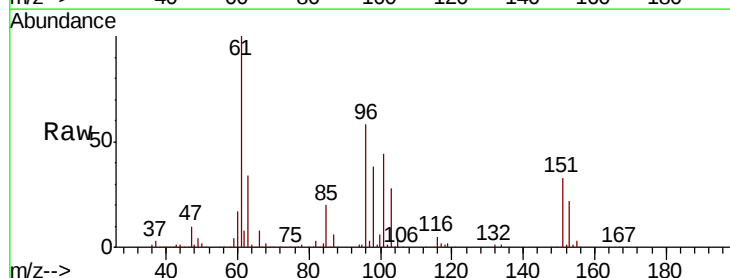
Tot Ion: 59 Resp: 125118
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

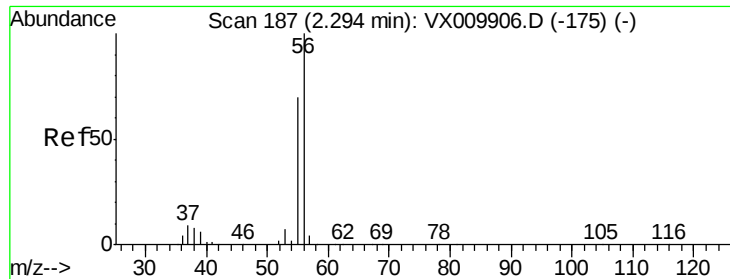


#12

1,1-Dichloroethene
 Concen: 44.447 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion: 96 Resp: 77265
 Ion Ratio Lower Upper
 96 100
 61 172.7 140.7 211.1
 98 66.2 50.1 75.1





#13

Acrolein

Concen: 221.121 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

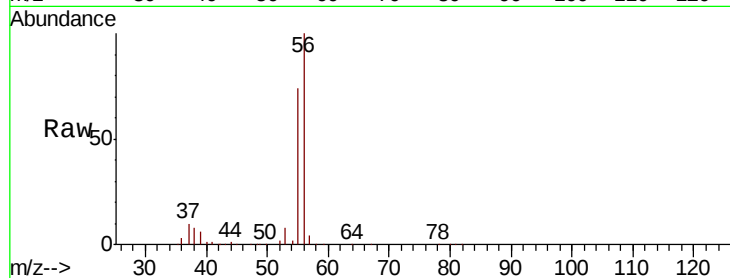
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 92403

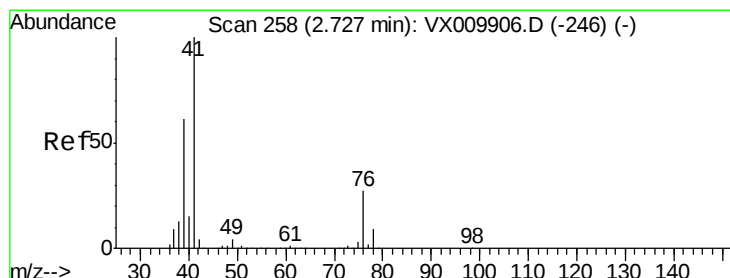
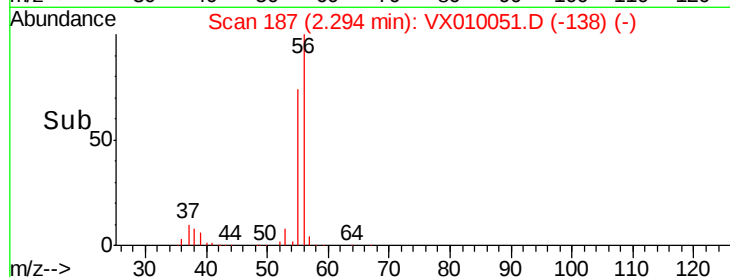
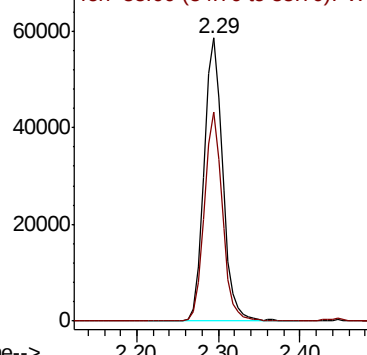
Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.081 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

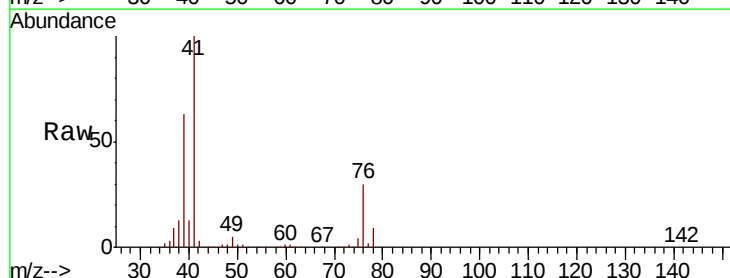
Tgt Ion: 41 Resp: 194695

Ion Ratio Lower Upper

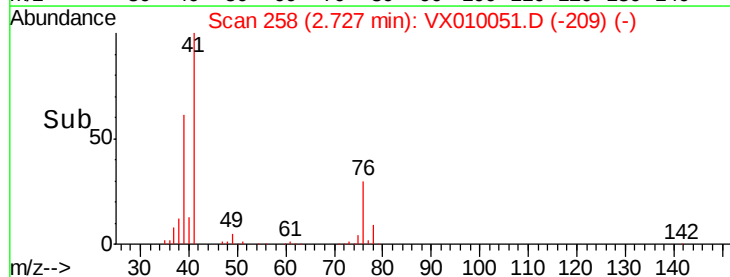
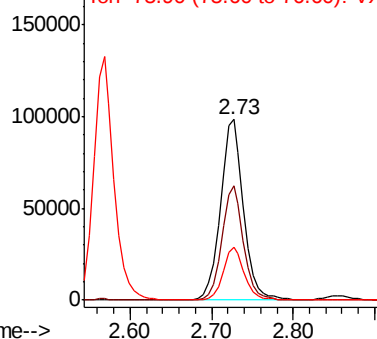
41 100

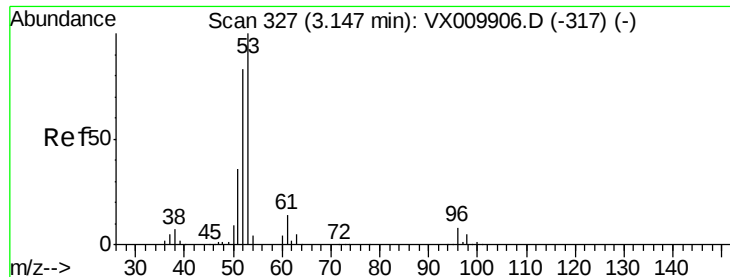
39 58.7 46.7 70.1

76 26.6 21.0 31.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 213.537 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

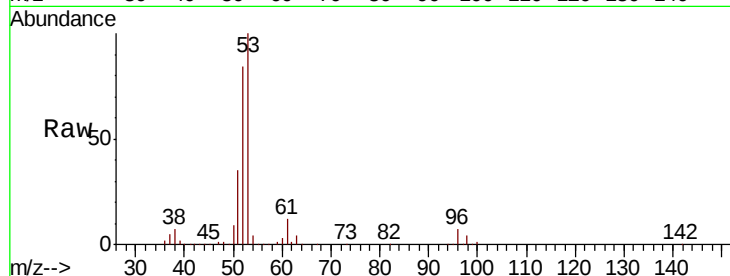
Tot Ion: 53 Resp: 307021

Ion Ratio Lower Upper

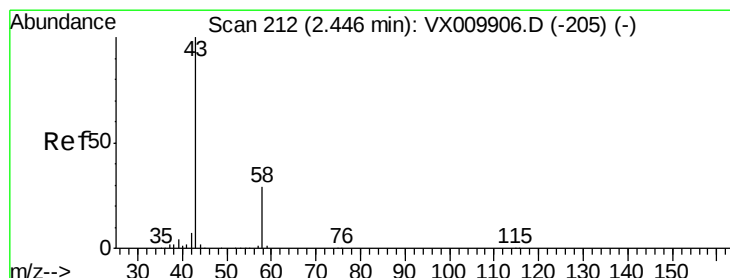
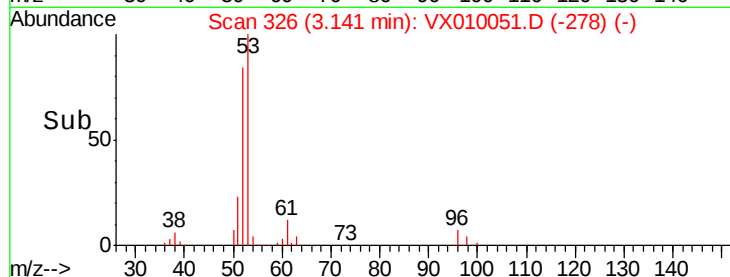
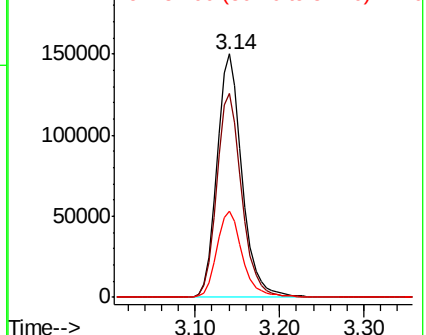
53 100

52 83.9 66.7 100.1

51 36.3 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: 225.366 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010051.D

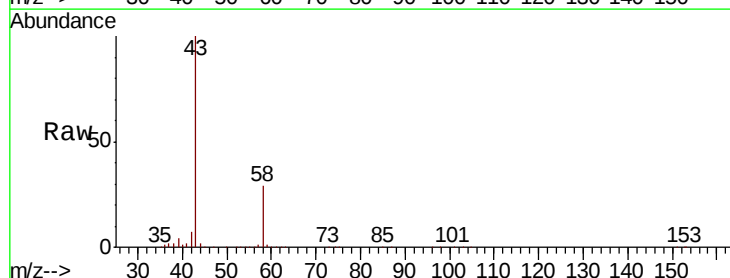
Acq: 04 Jun 2019 10:25

Tgt Ion: 43 Resp: 315726

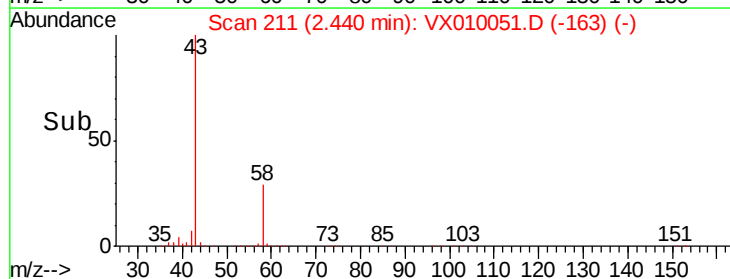
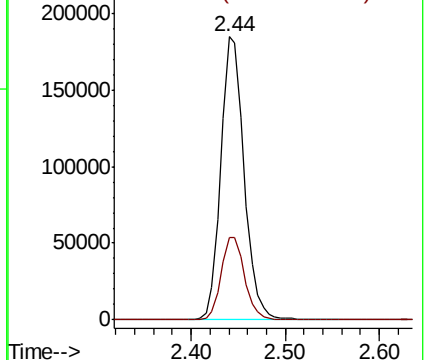
Ion Ratio Lower Upper

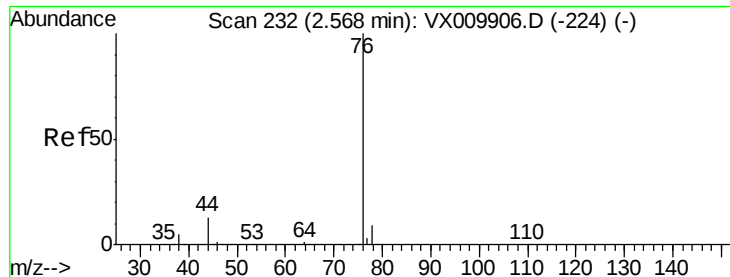
43 100

58 29.2 23.2 34.8



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

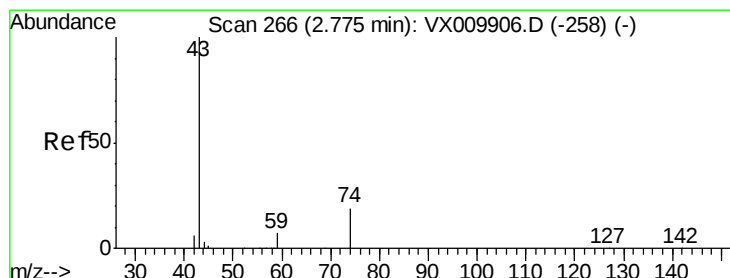
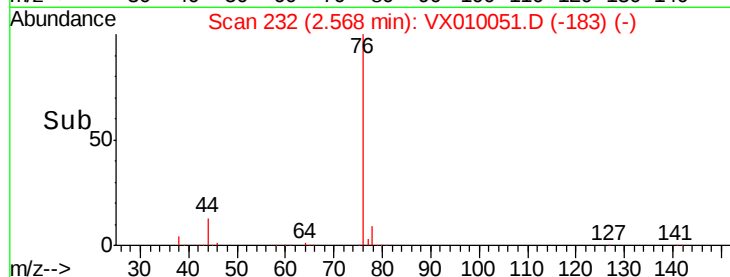
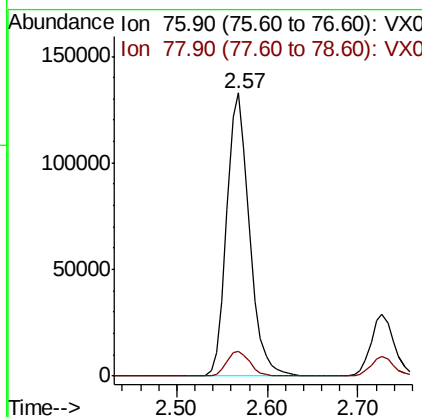
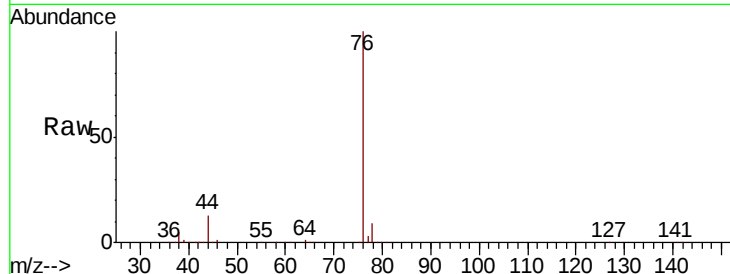




#17
Carbon Disulfide
Concen: 43.881 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

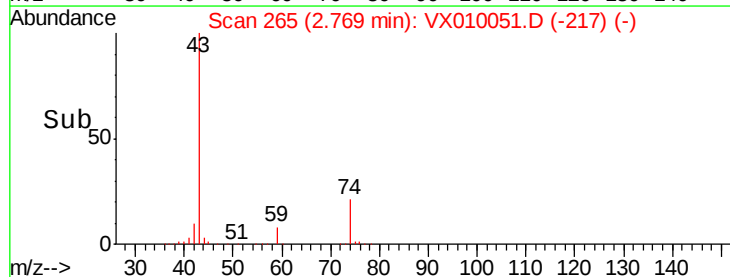
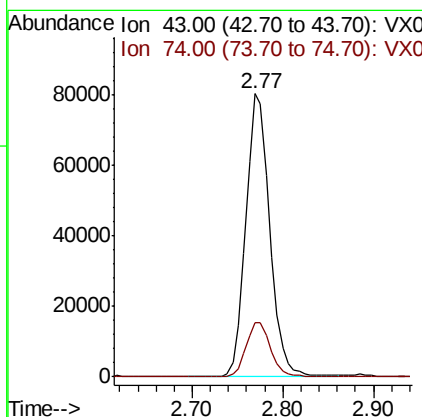
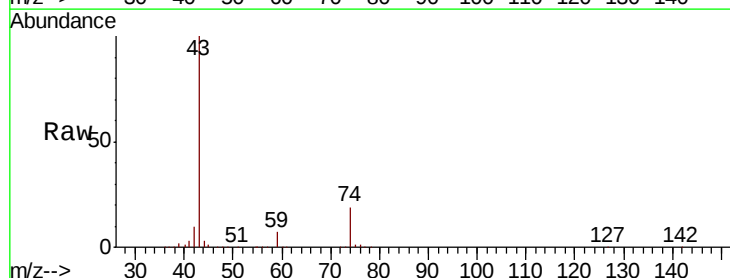
Instrument :
MSVOA_X
ClientSampleId :

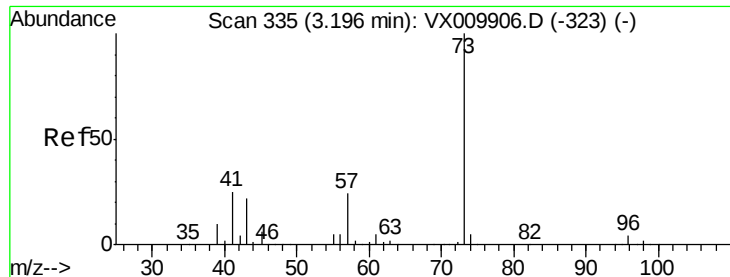
Tot Ion: 76 Resp: 230727
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 45.224 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion: 43 Resp: 147420
Ion Ratio Lower Upper
43 100
74 20.0 15.8 23.6



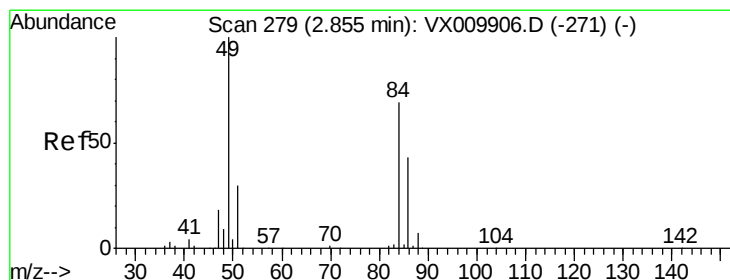
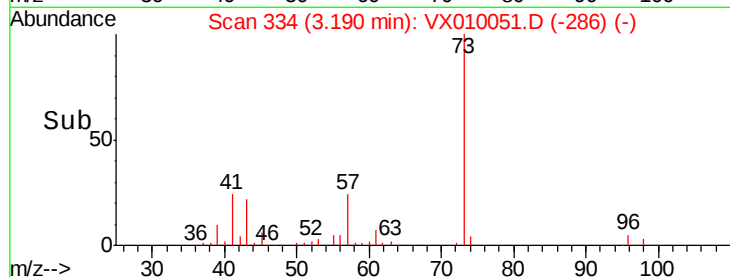
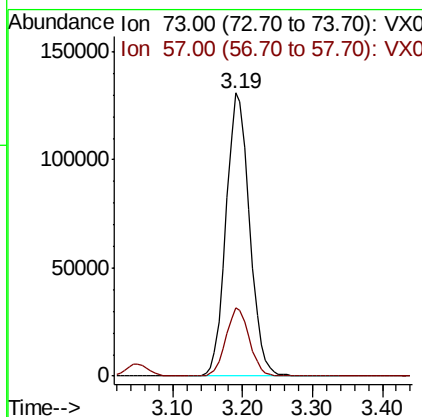
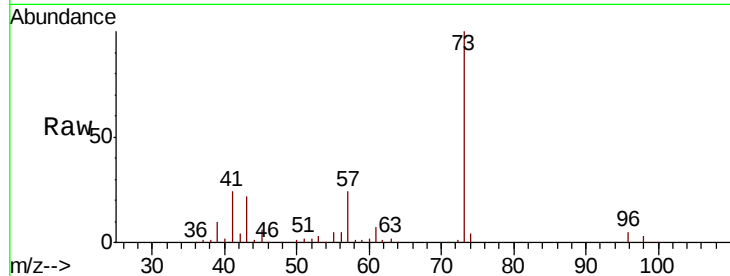


#19

Methyl tert-butyl Ether
 Concen: 46.639 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Instrument :
 MSVOA_X
 ClientSampled :

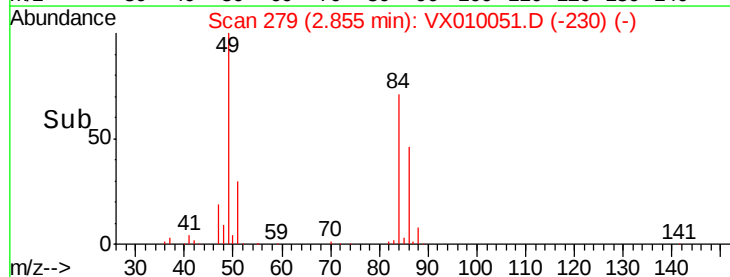
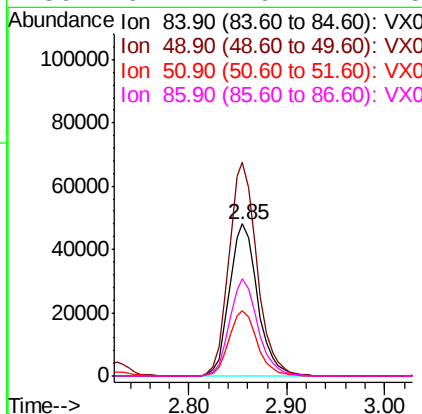
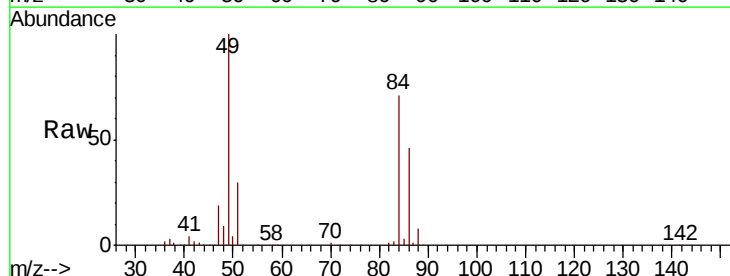
Tot Ion: 73 Resp: 306092
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.4 29.2

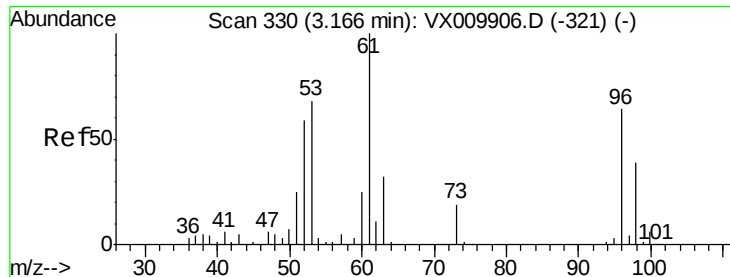


#20

Methylene Chloride
 Concen: 44.738 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion: 84 Resp: 95979
 Ion Ratio Lower Upper
 84 100
 49 140.7 115.8 173.6
 51 42.7 34.4 51.6
 86 64.2 49.7 74.5

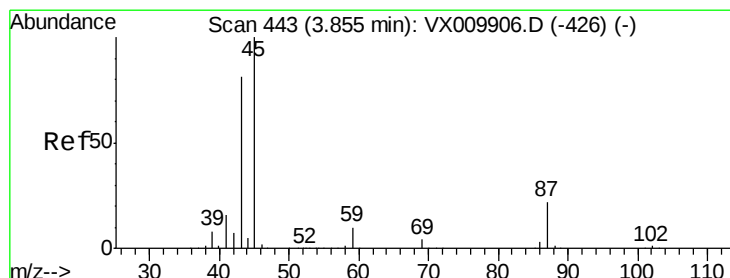
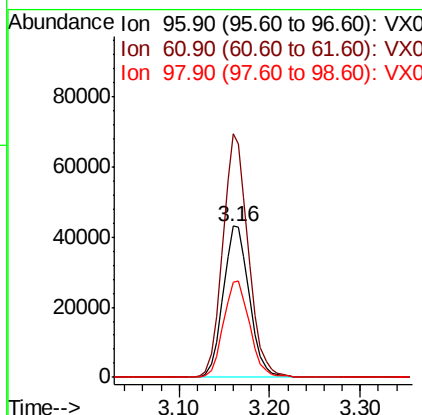
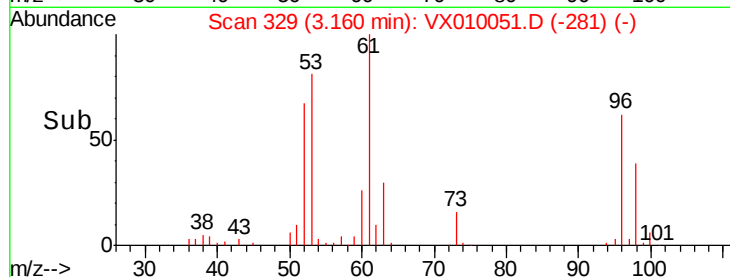
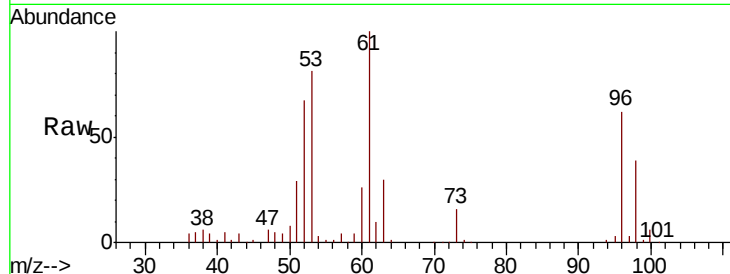




#21
trans-1,2-Dichloroethene
Concen: 45.069 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

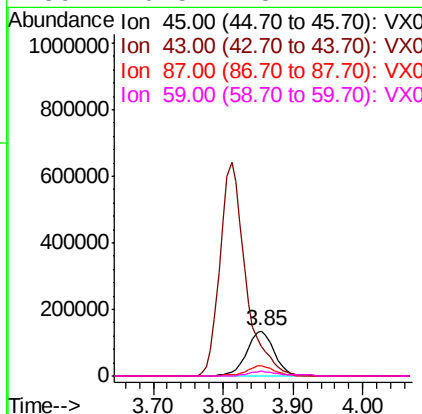
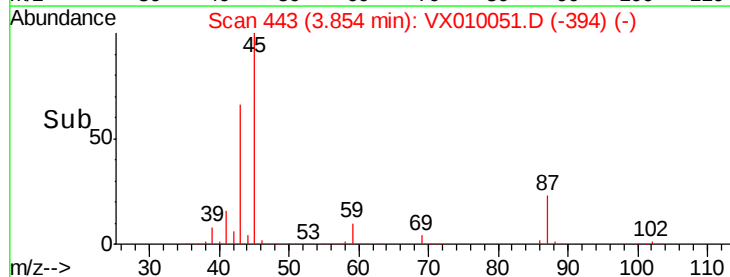
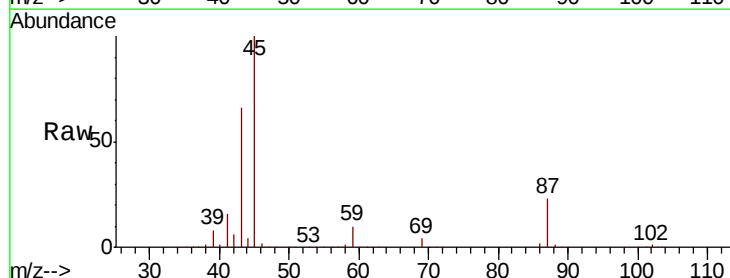
Instrument :
MSVOA_X
ClientSampled :

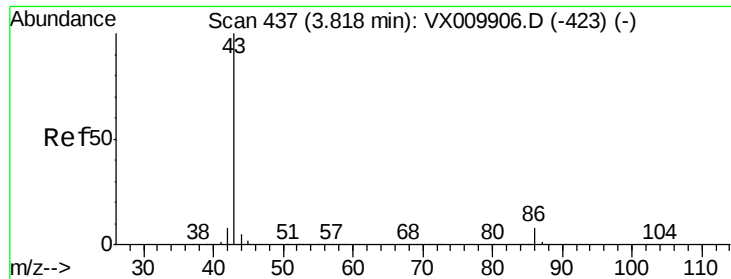
Tot Ion: 96 Resp: 87174
Ion Ratio Lower Upper
96 100
61 161.1 125.7 188.5
98 63.1 49.0 73.6



#22
Diisopropyl ether
Concen: 45.906 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion: 45 Resp: 369039
Ion Ratio Lower Upper
45 100
43 66.2 65.0 97.4
87 22.9 17.3 25.9
59 10.5 8.1 12.1





#23

Vinyl Acetate

Concen: 227.125 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

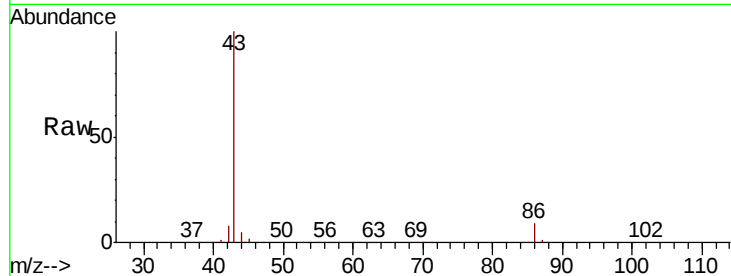
ClientSampleId :

Tot Ion: 43 Resp: 1640269

Ion Ratio Lower Upper

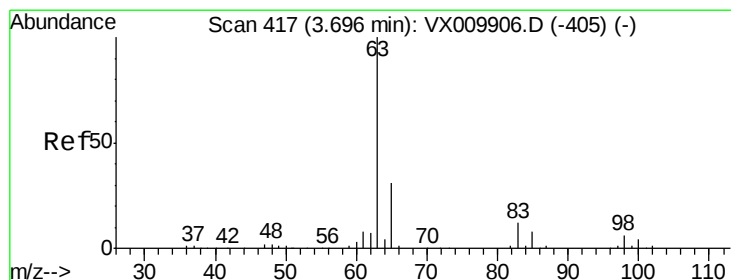
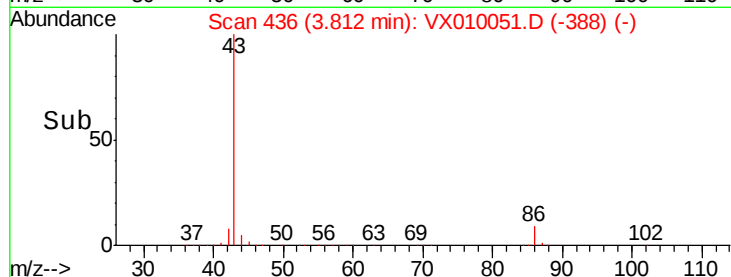
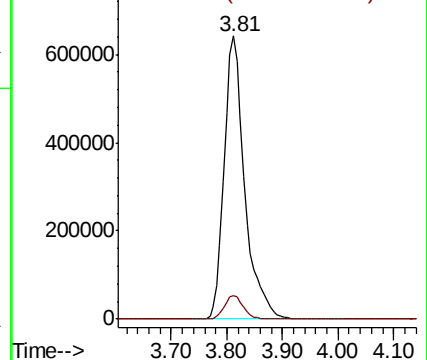
43 100

86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.895 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

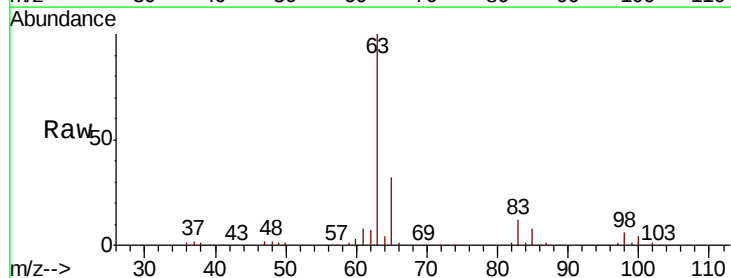
Tgt Ion: 63 Resp: 178802

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

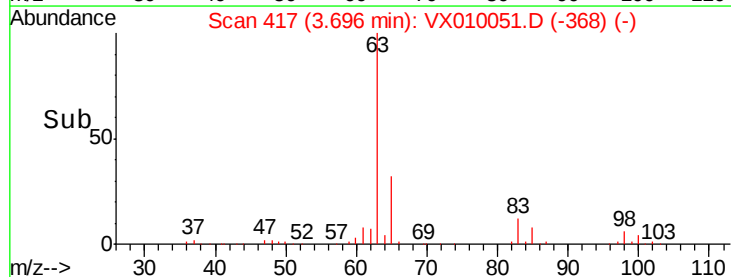
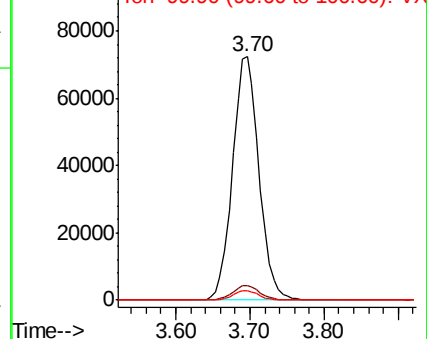
100 3.8 1.8 5.4

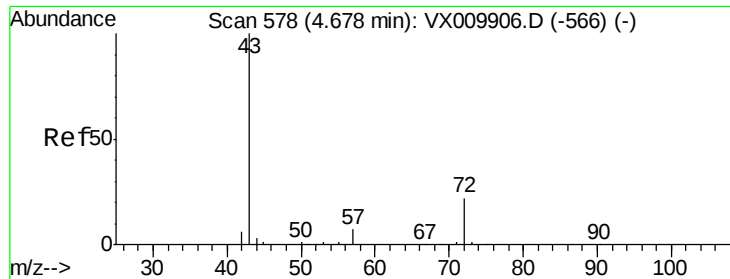


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 218.912 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

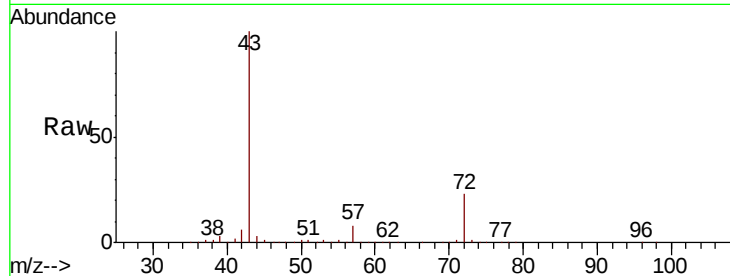
ClientSampleId :

Tot Ion: 43 Resp: 477810

Ion Ratio Lower Upper

43 100

72 22.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

150000

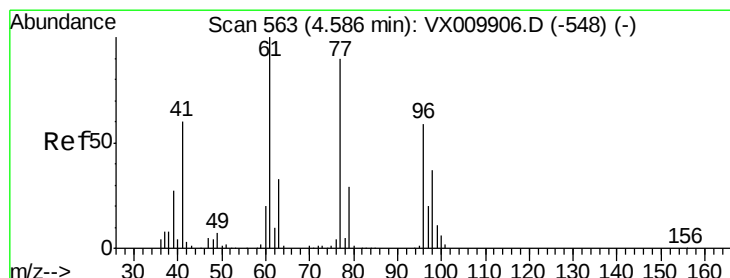
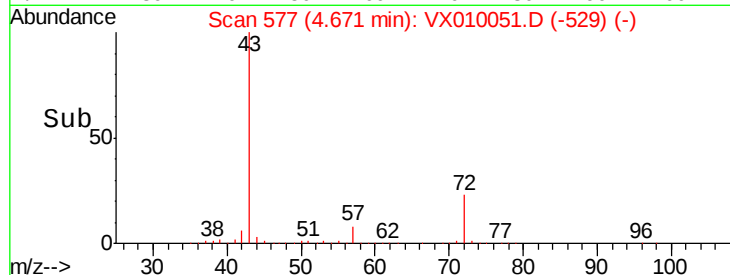
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 47.791 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010051.D

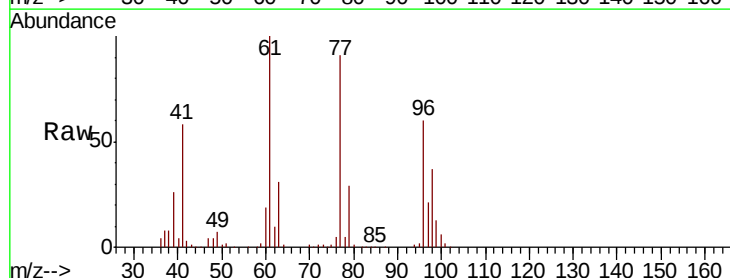
Acq: 04 Jun 2019 10:25

Tgt Ion: 77 Resp: 140844

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

30000

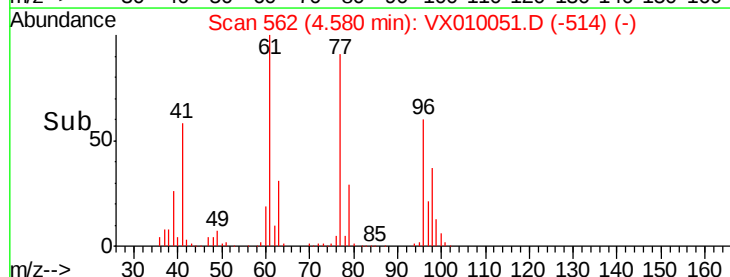
20000

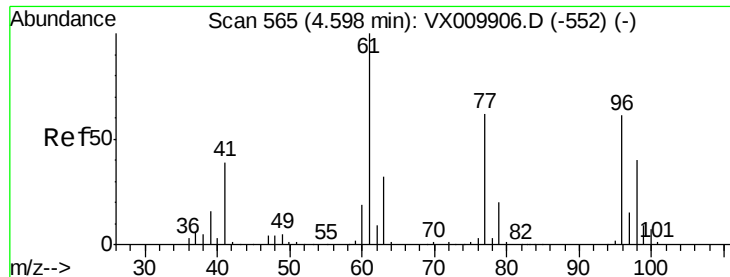
10000

0

Time-->

4.40 4.50 4.60 4.70 4.80



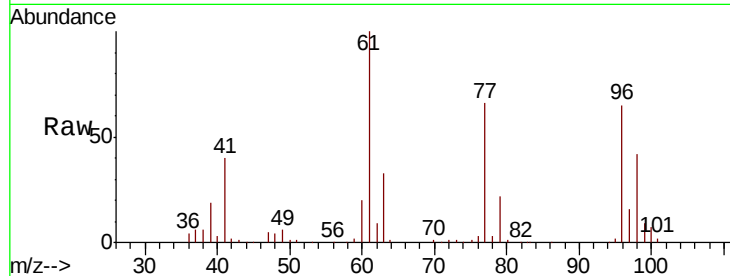


#27

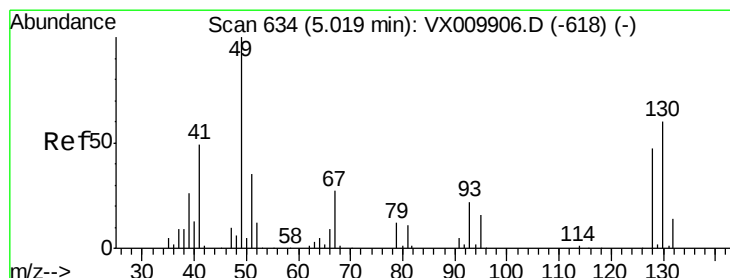
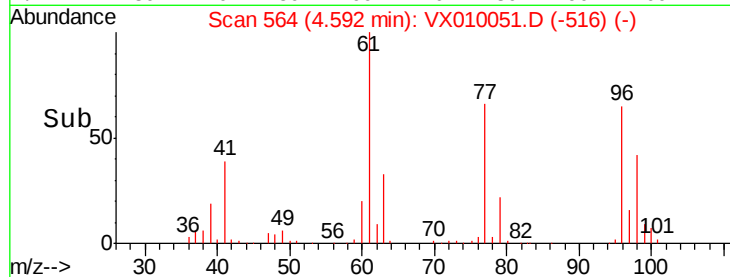
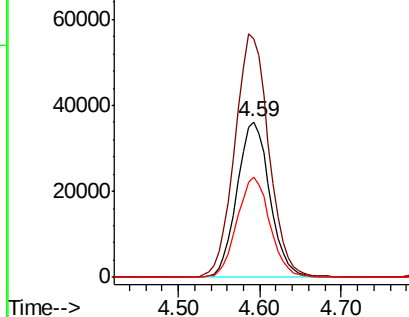
cis-1,2-Dichloroethene
Concen: 45.285 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.4	0.0	334.0
98	64.4	0.0	131.6



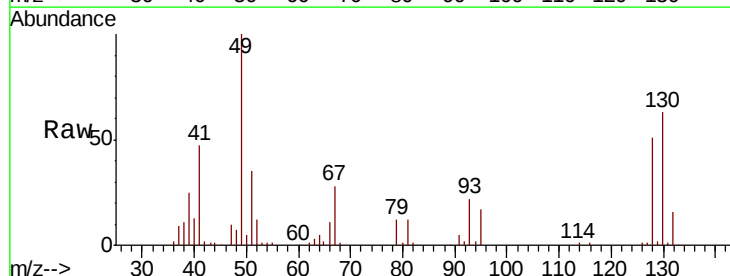
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



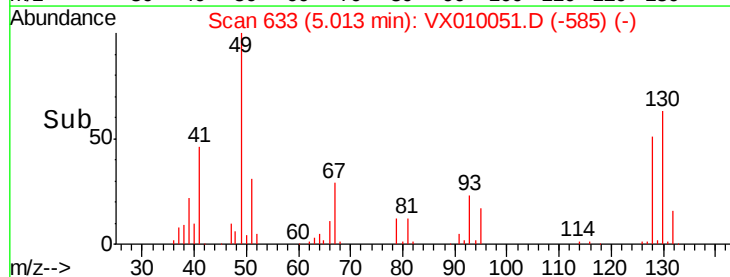
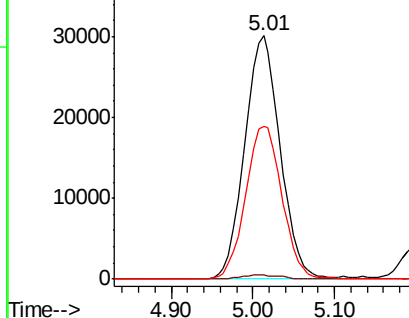
#28

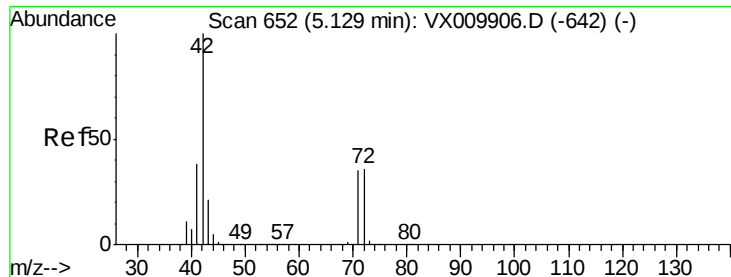
Bromochloromethane
Concen: 45.115 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	64.3	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: 214.432 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

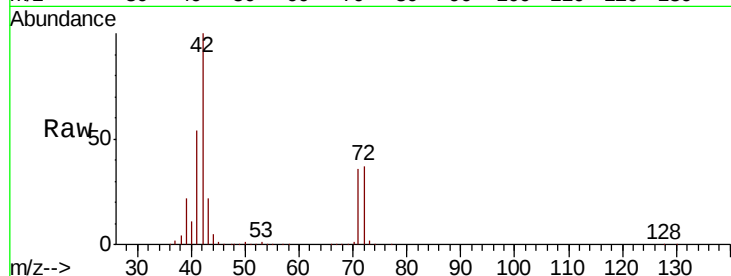
Tot Ion: 42 Resp: 300130

Ion Ratio Lower Upper

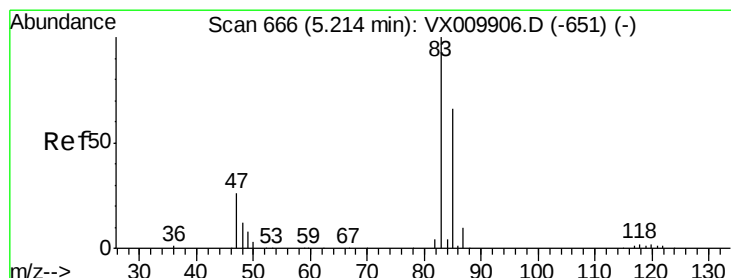
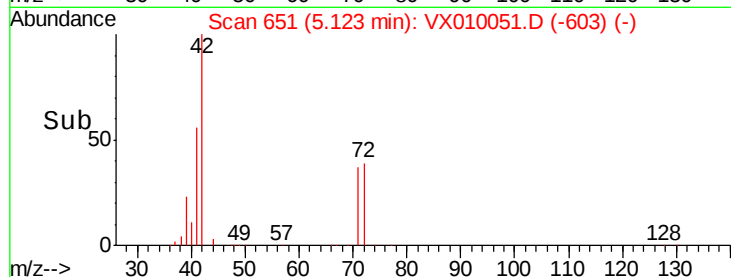
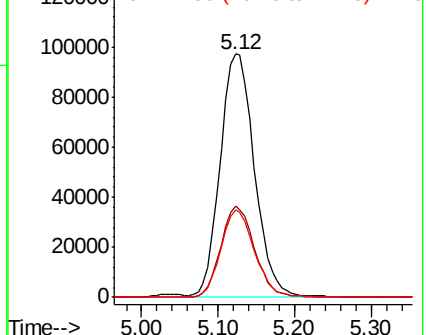
42 100

72 37.3 29.2 43.8

71 35.3 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: 46.890 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010051.D

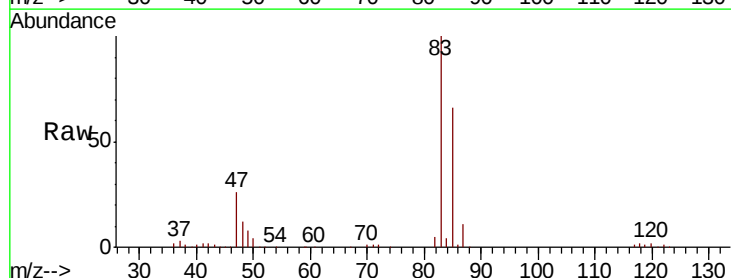
Acq: 04 Jun 2019 10:25

Tgt Ion: 83 Resp: 164749

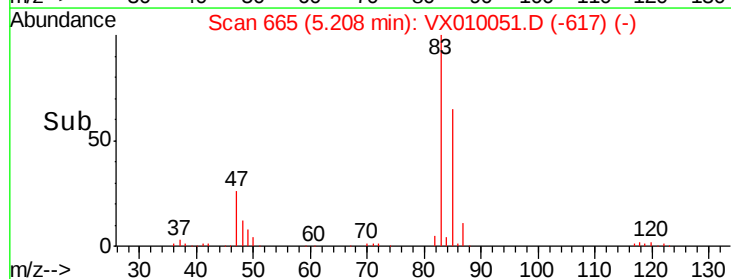
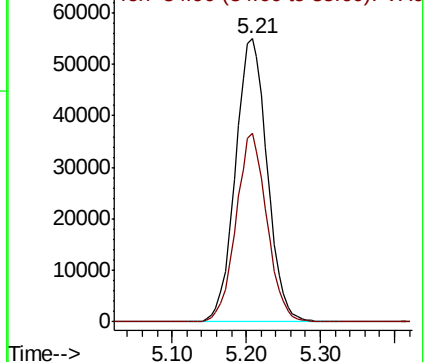
Ion Ratio Lower Upper

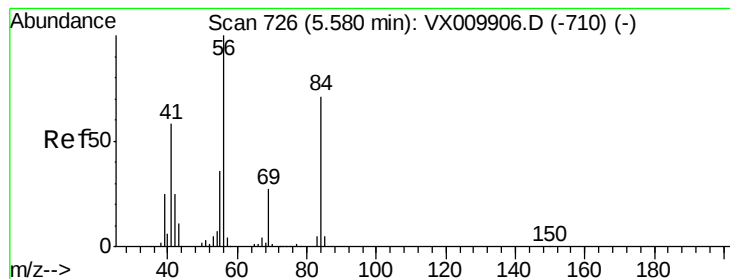
83 100

85 66.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.324 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :

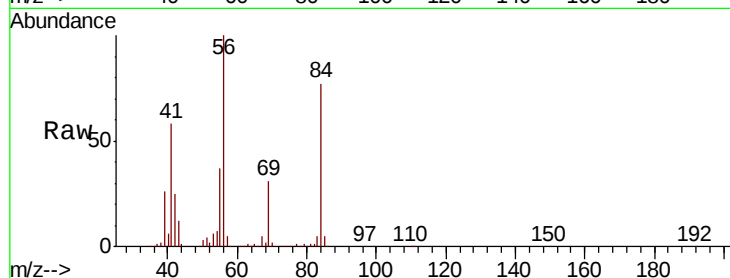
Tot Ion: 56 Resp: 174621

Ion Ratio Lower Upper

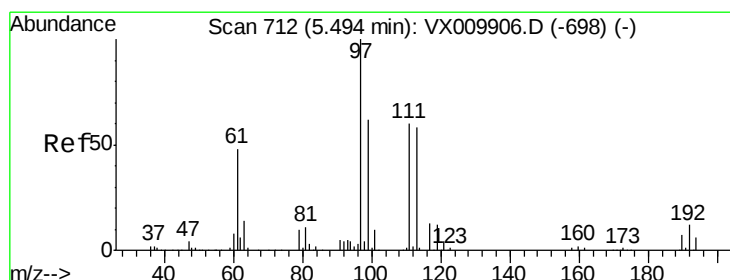
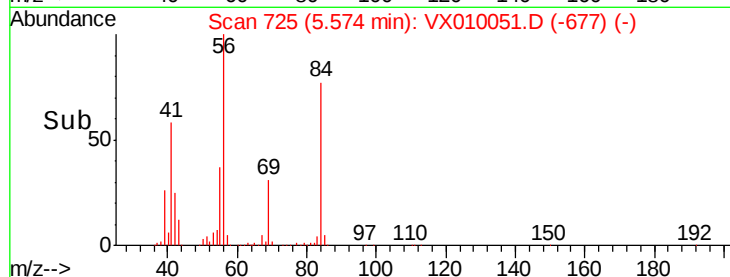
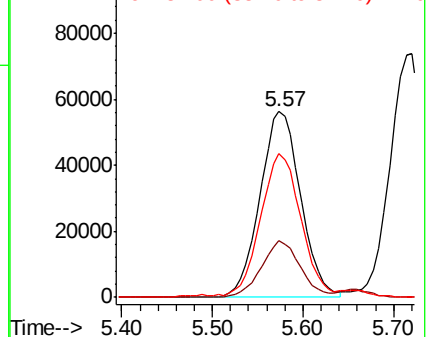
56 100

69 30.7 21.6 32.4

84 76.2 56.8 85.2



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



#32

1,1,1-Trichloroethane

Concen: 48.949 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

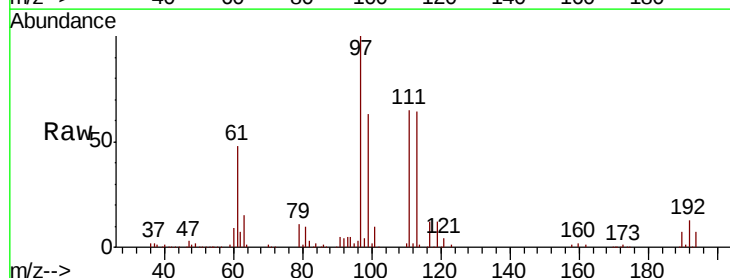
Tgt Ion: 97 Resp: 140064

Ion Ratio Lower Upper

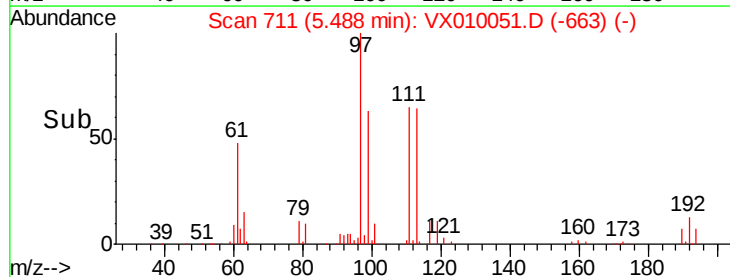
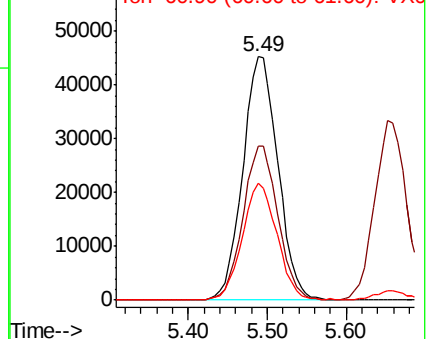
97 100

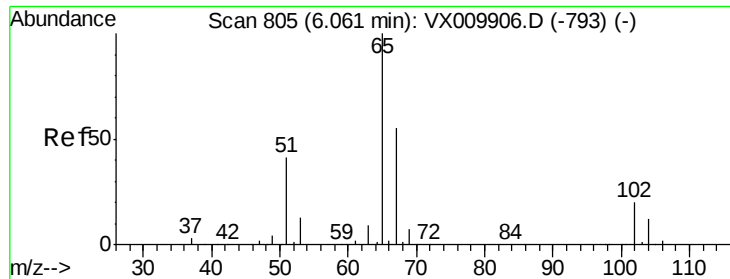
99 62.9 51.0 76.4

61 47.6 38.7 58.1



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

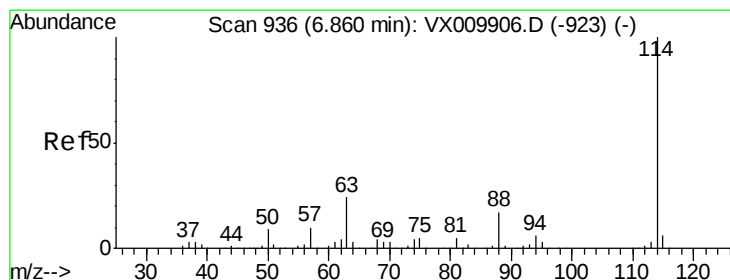
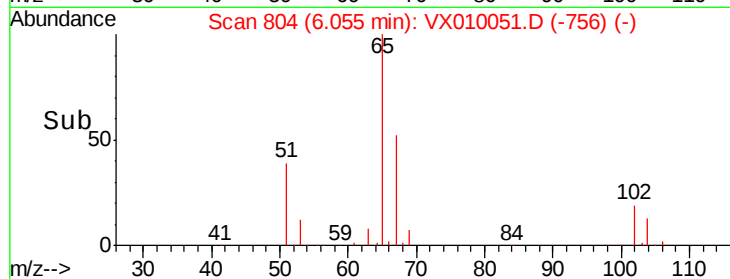
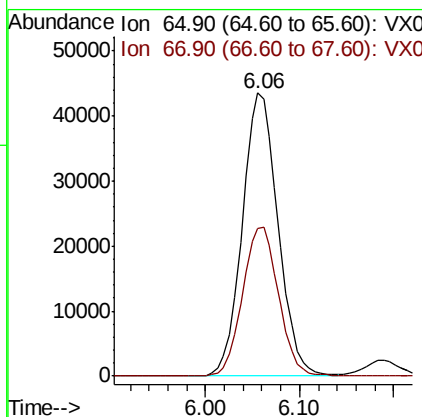
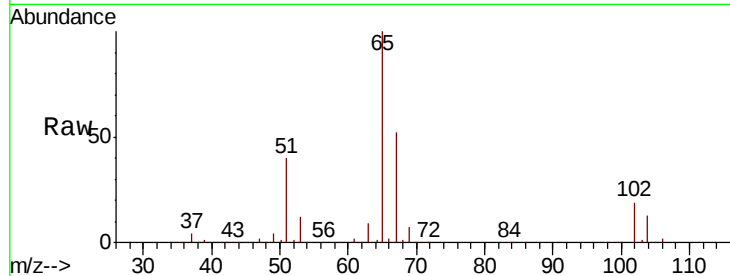




#33
 1,2-Dichloroethane-d4
 Concen: 47.620 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

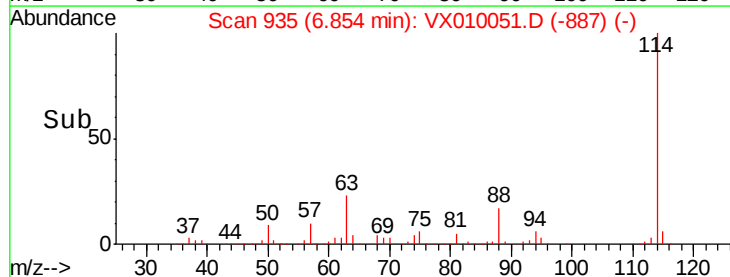
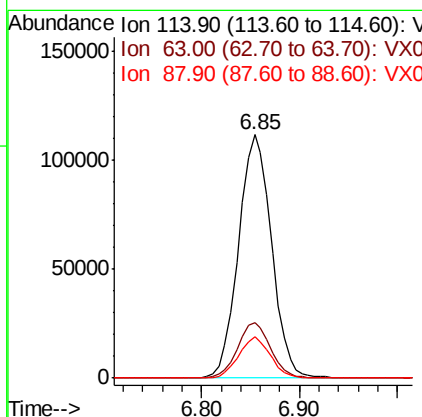
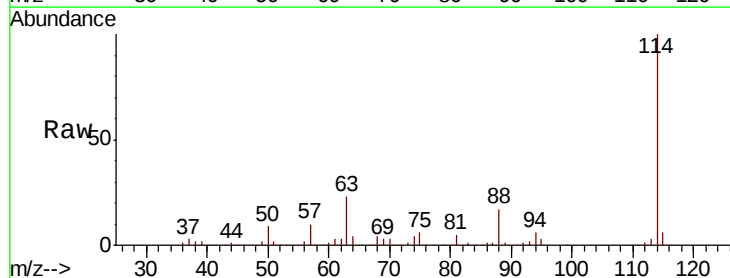
Instrument :
 MSVOA_X
 ClientSampleId :

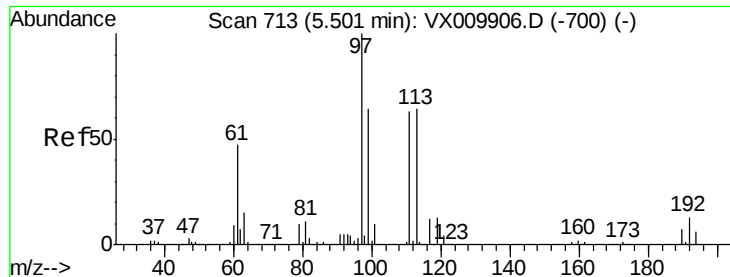
Tot Ion: 65 Resp: 115466
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion: 114 Resp: 261529
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.4
 88 16.9 0.0 33.0

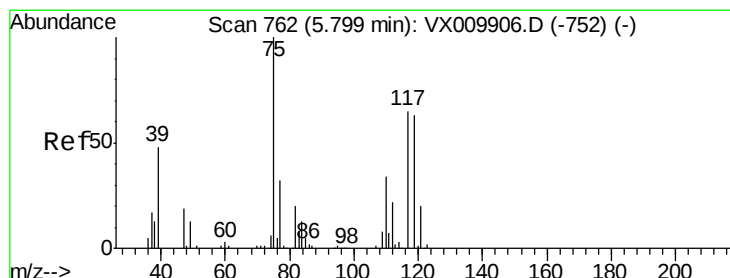
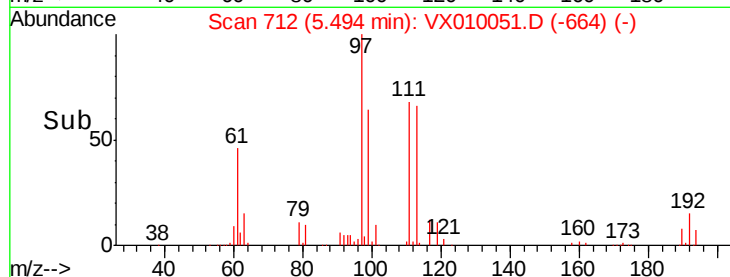
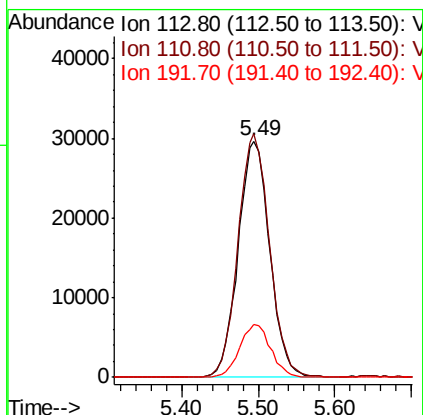
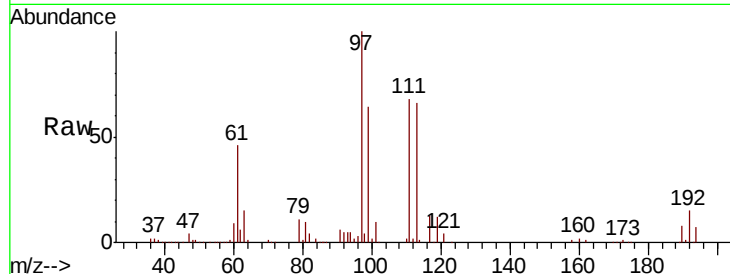




#35
 Dibromofluoromethane
 Concen: 51.668 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

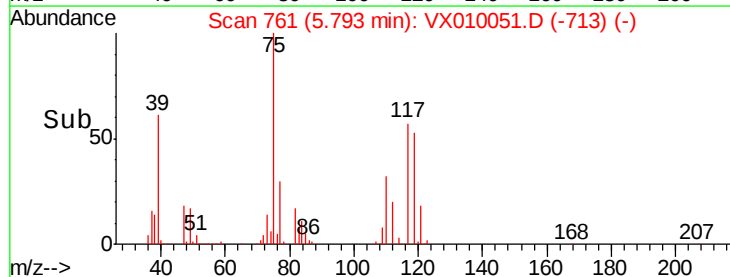
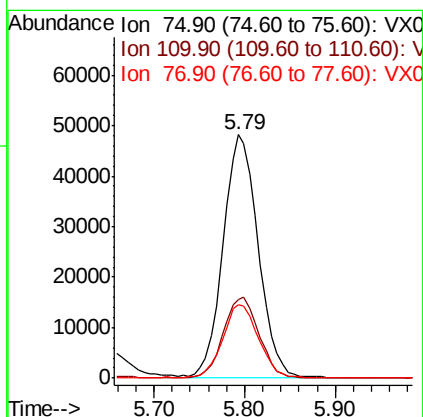
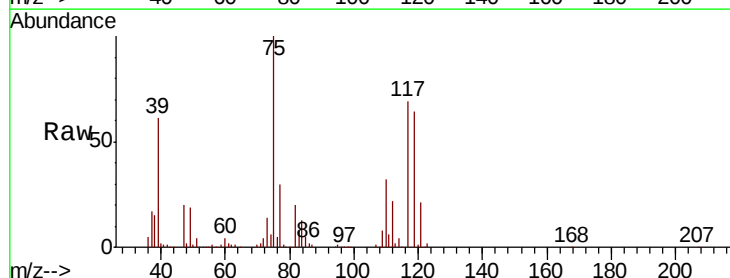
Instrument :
 MSVOA_X
 ClientSampleId :

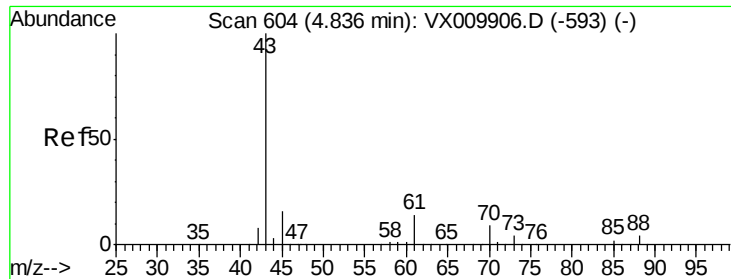
Tot Ion:113 Resp: 84955
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 22.2 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 48.401 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion: 75 Resp: 128433
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.7 50.1
 77 31.2 25.0 37.4

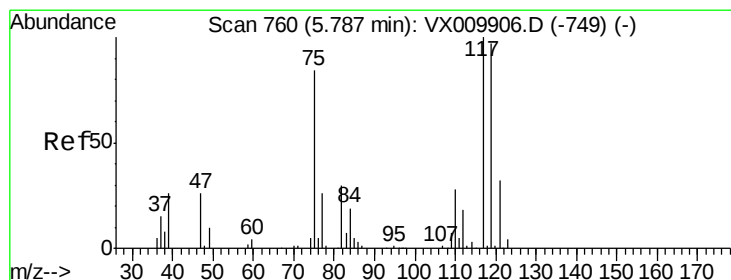
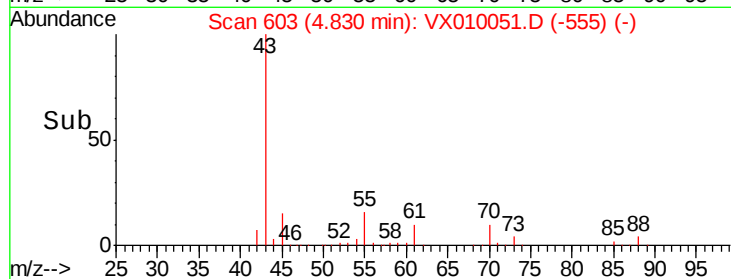
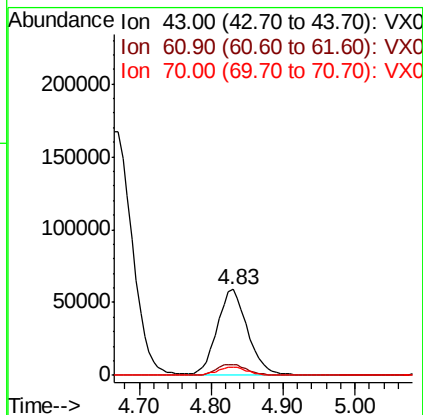
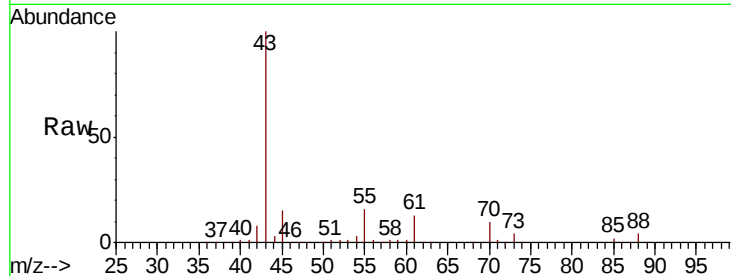




#37
Ethyl Acetate
Concen: 46.622 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

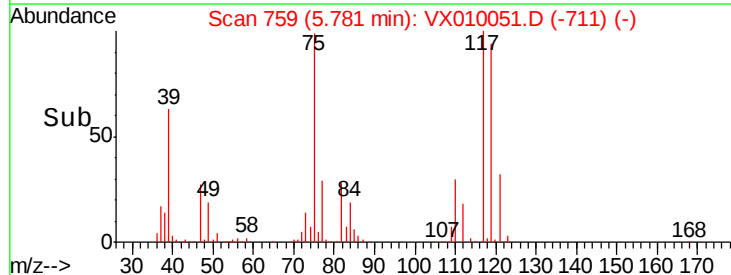
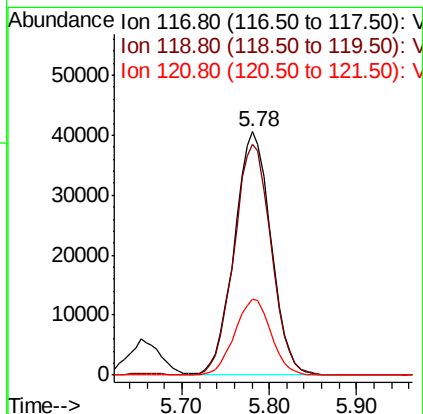
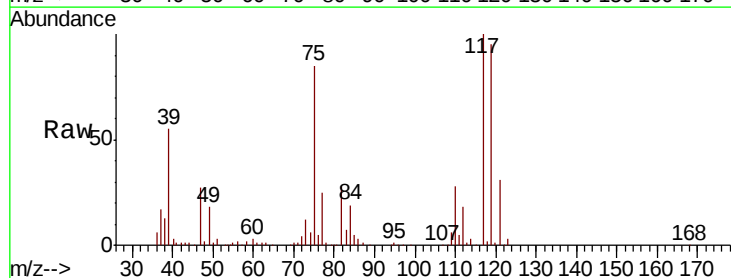
Instrument :
MSVOA_X
ClientSampled :

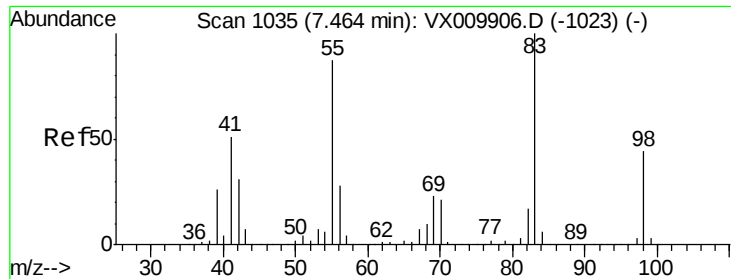
Tot Ion: 43 Resp: 172377
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.2
70 9.4 7.4 11.2



#38
Carbon Tetrachloride
Concen: 51.609 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion: 117 Resp: 118339
Ion Ratio Lower Upper
117 100
119 94.8 77.3 115.9
121 31.4 25.4 38.0

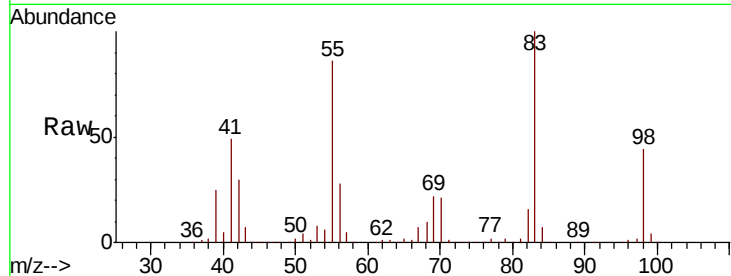




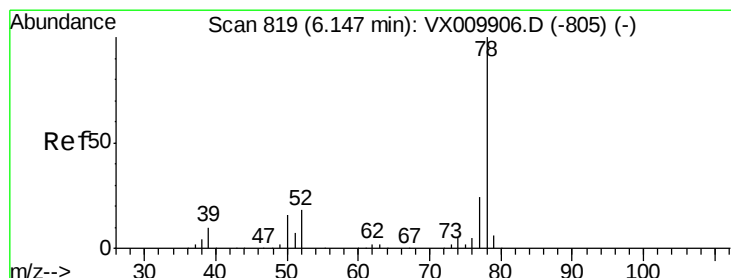
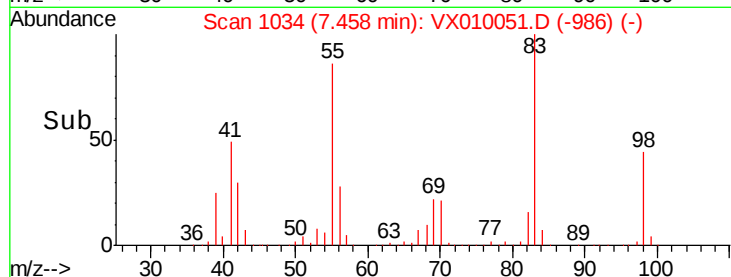
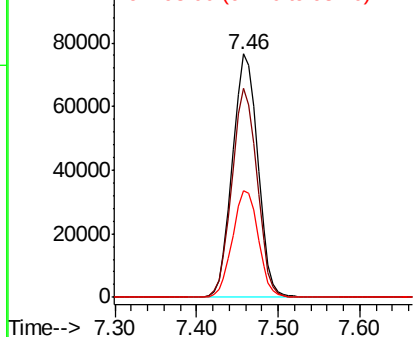
#39
Methvlcvclohexane
Concen: 52.109 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 164014
Ion Ratio Lower Upper
83 100
55 85.9 69.9 104.9
98 43.6 35.1 52.7

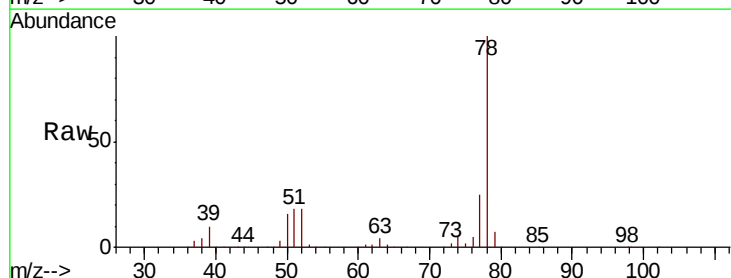


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

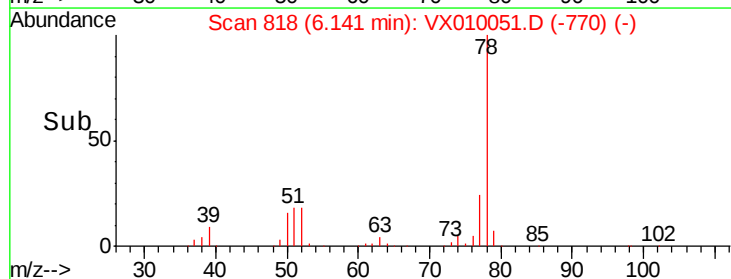
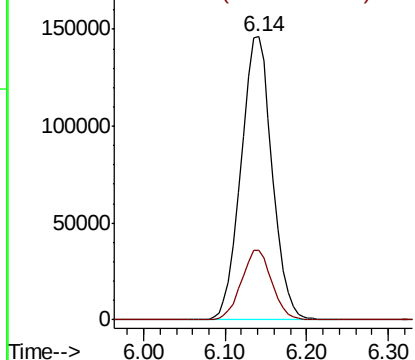


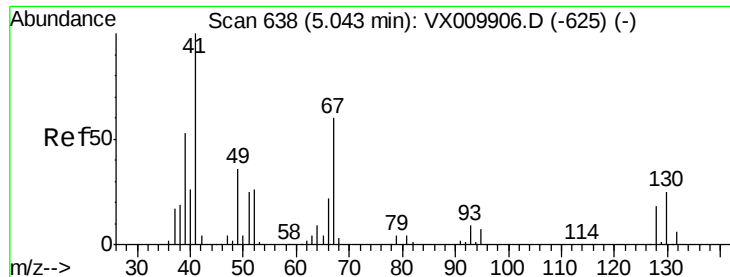
#40
Benzene
Concen: 49.410 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion: 78 Resp: 388929
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8



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

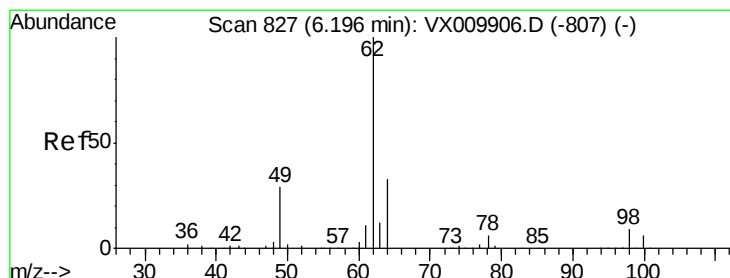
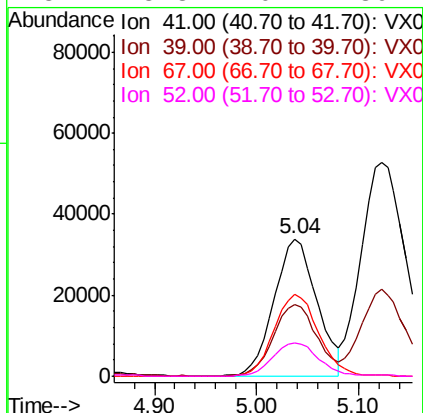
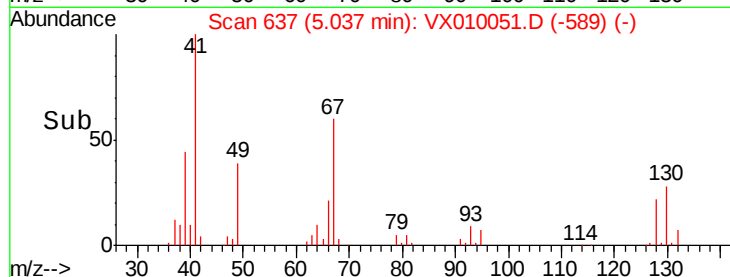
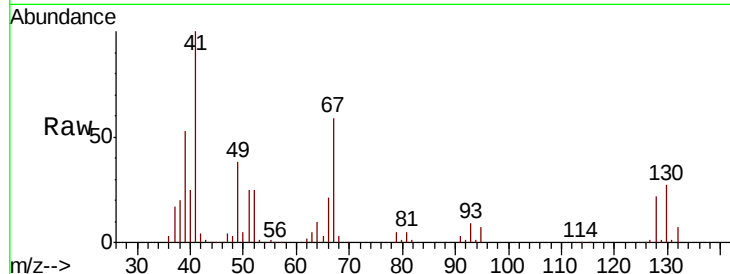




#41
Methacrylonitrile
Concen: 45.742 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

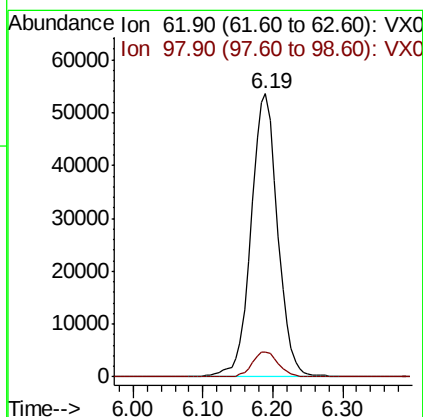
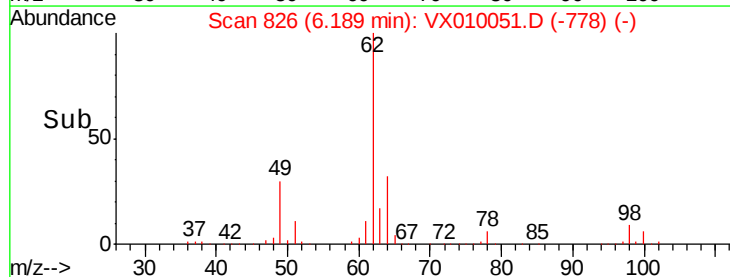
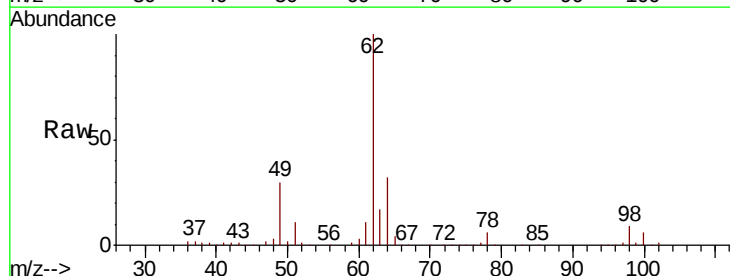
Instrument :
MSVOA_X
ClientSampled :

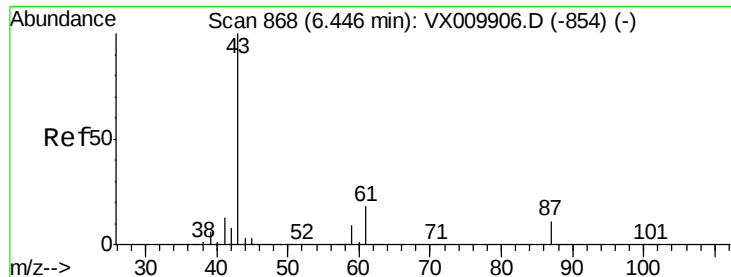
Tot Ion: 41 Resp: 98824
Ion Ratio Lower Upper
41 100
39 53.1 42.2 63.4
67 62.4 48.9 73.3
52 25.8 20.1 30.1



#42
1,2-Dichloroethane
Concen: 48.661 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion: 62 Resp: 141607
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.2



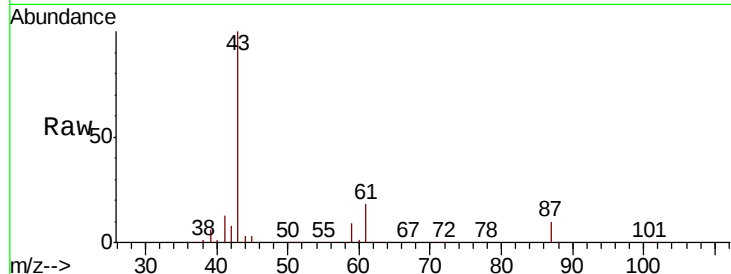


#43

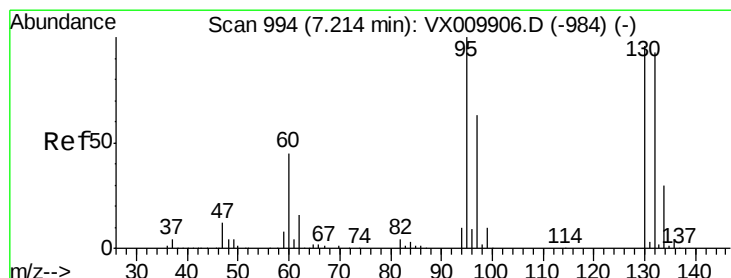
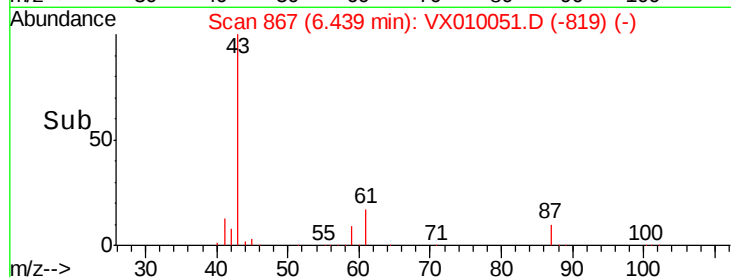
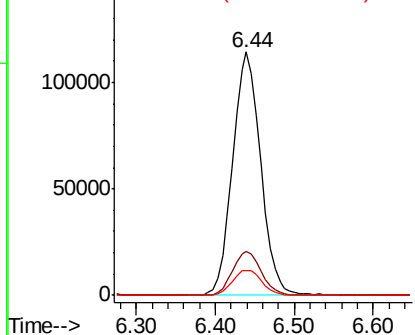
Isopropyl Acetate
 Concen: 47.139 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 281224
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.6 21.8
 87 11.0 8.7 13.1



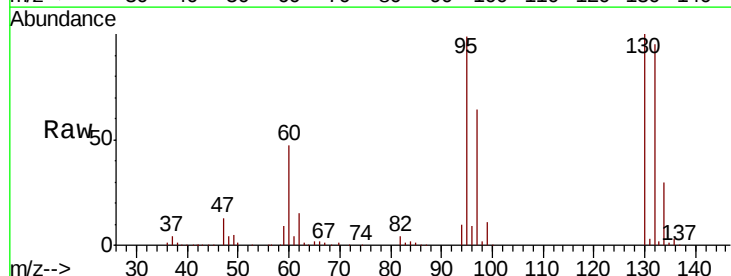
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



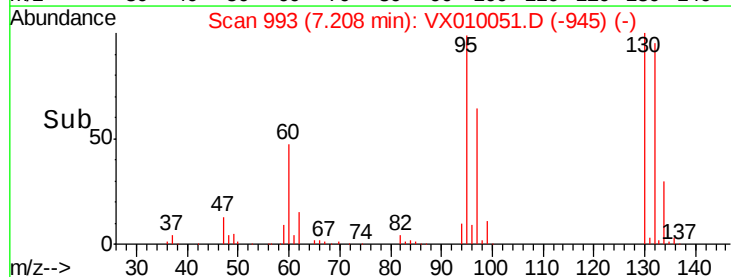
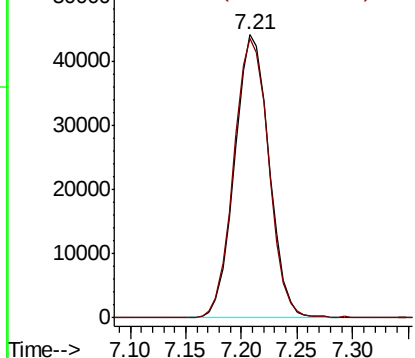
#44

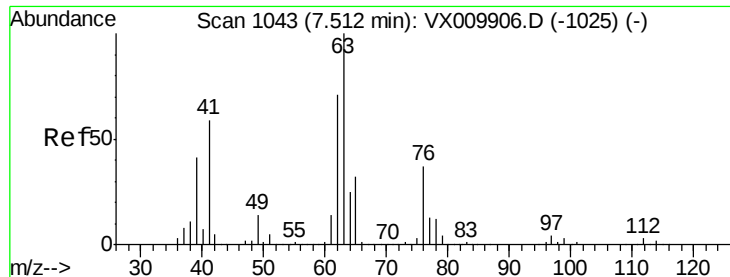
Trichloroethene
 Concen: 49.412 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion:130 Resp: 94476
 Ion Ratio Lower Upper
 130 100
 95 98.8 0.0 207.4



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

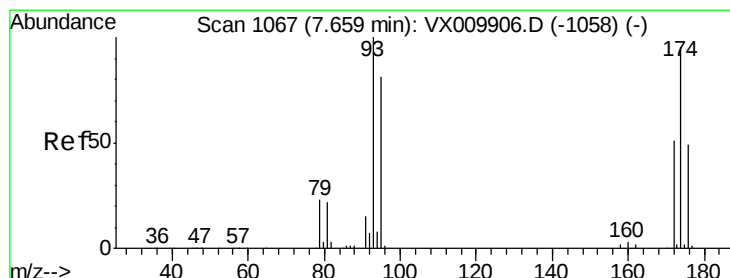
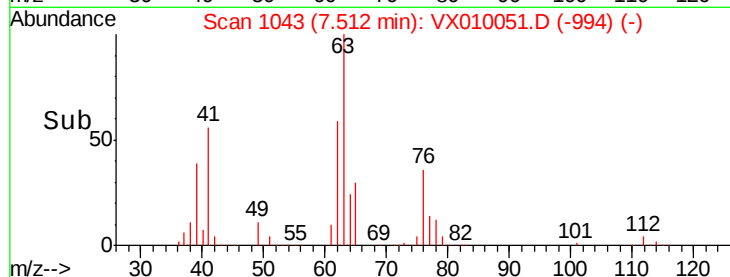
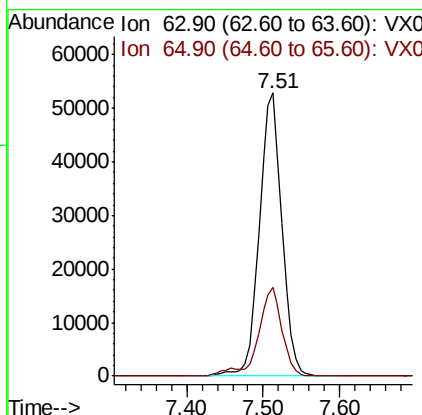
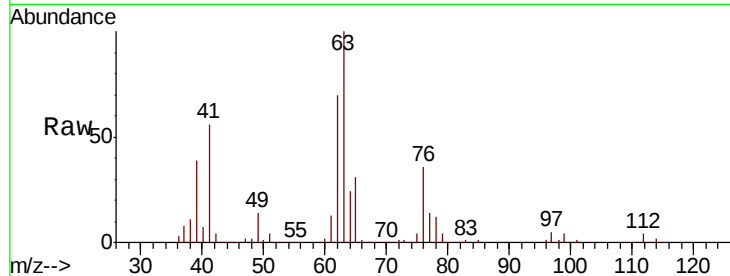




#45
 1,2-Dichloropropane
 Concen: 48.146 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

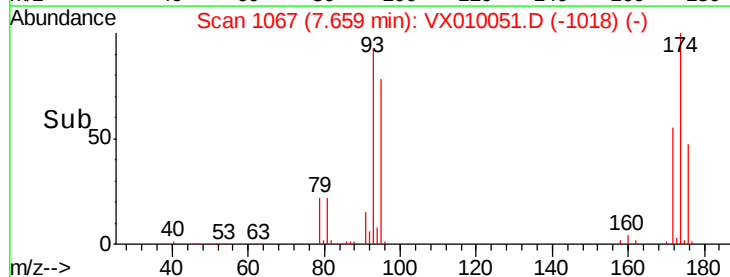
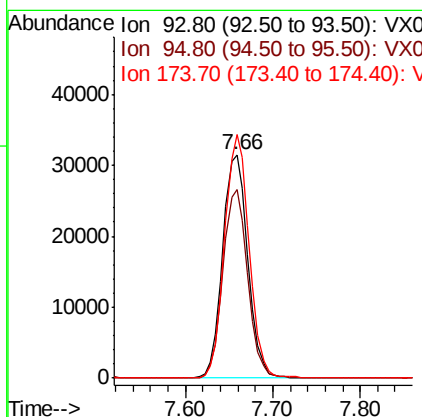
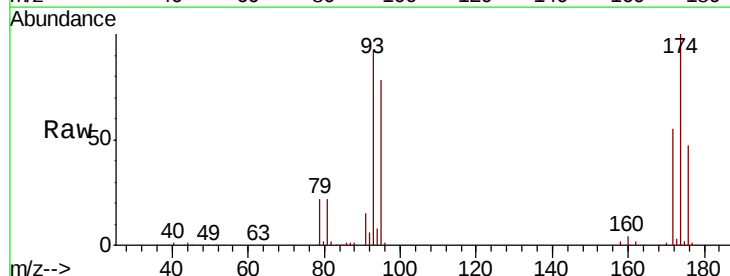
Instrument :
 MSVOA_X
 ClientSampled :

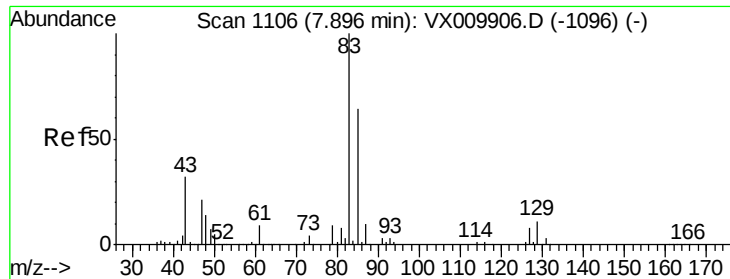
Tot Ion: 63 Resp: 109096
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.7 38.5



#46
 Dibromomethane
 Concen: 47.032 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion: 93 Resp: 62731
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 106.6 81.9 122.9





#47

Bromodichloromethane

Concen: 51.076 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

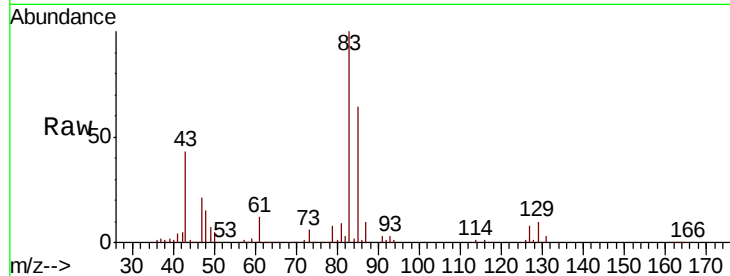
Tot Ion: 83 Resp: 129546

Ion Ratio Lower Upper

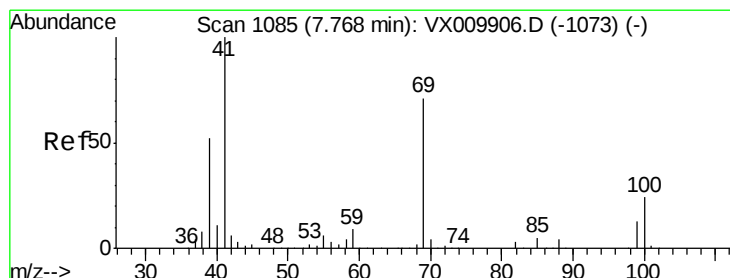
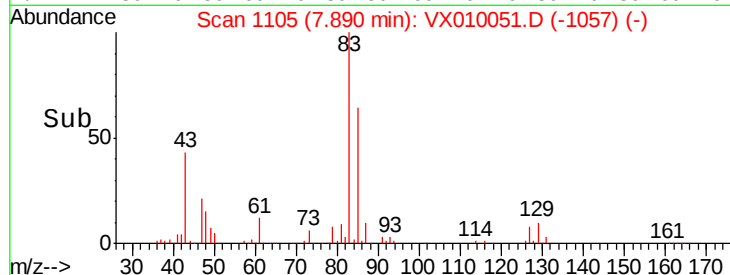
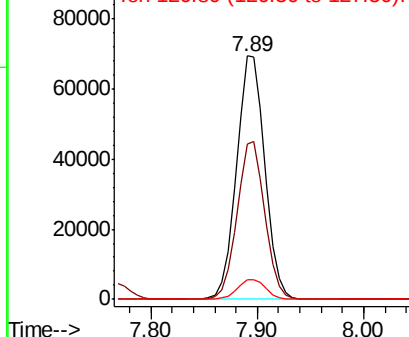
83 100

85 63.8 51.4 77.2

127 8.1 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: 48.585 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

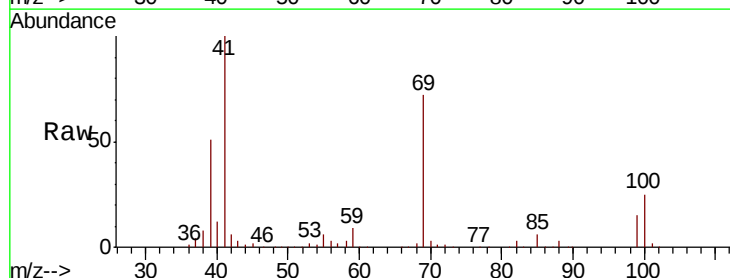
Tgt Ion: 41 Resp: 143485

Ion Ratio Lower Upper

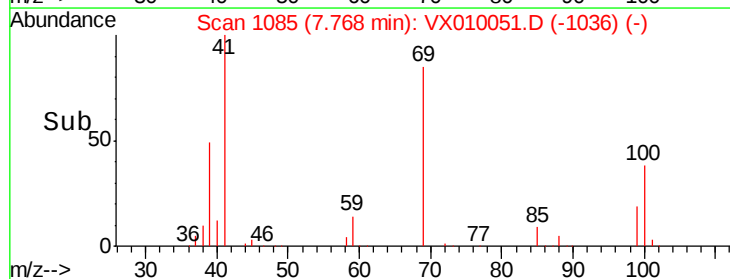
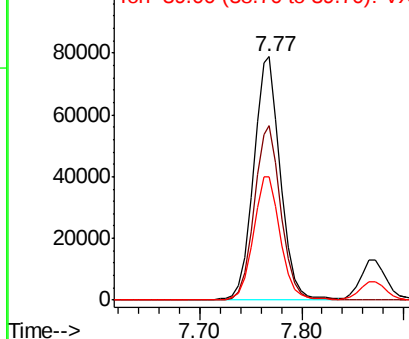
41 100

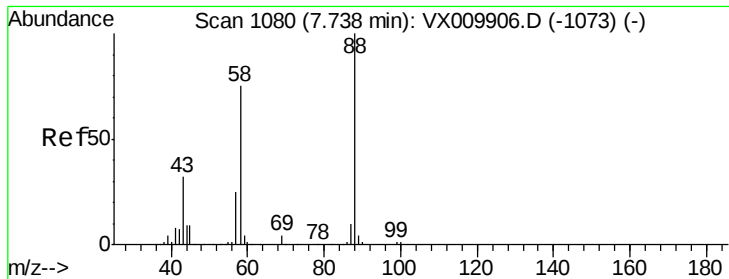
69 71.8 56.4 84.6

39 51.3 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: 939.345 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :

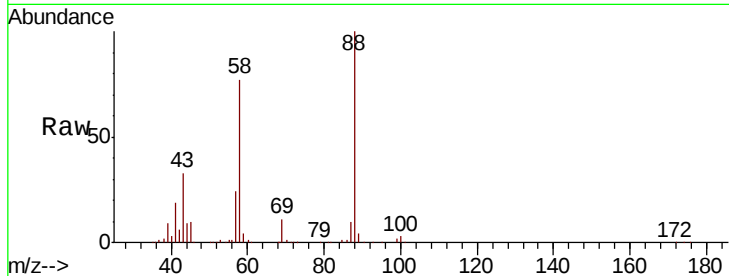
Tot Ion: 88 Resp: 51602

Ion Ratio Lower Upper

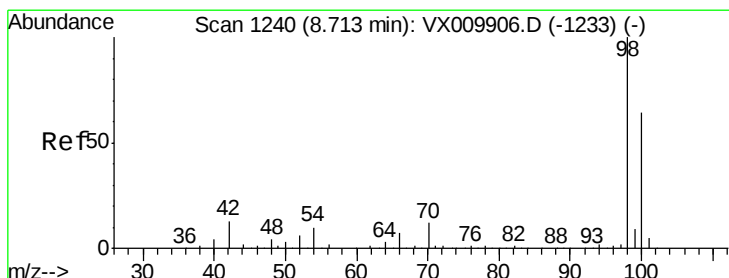
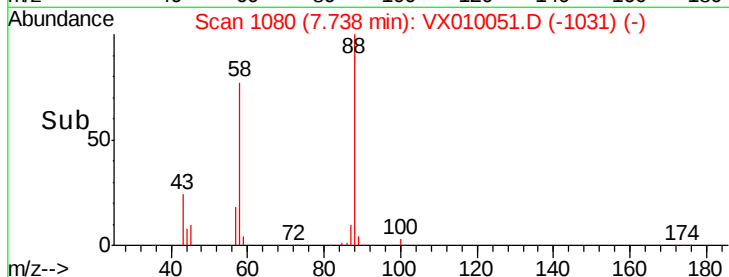
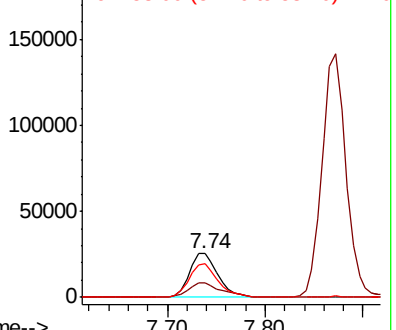
88 100

43 39.3 30.2 45.4

58 78.9 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: 51.796 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010051.D

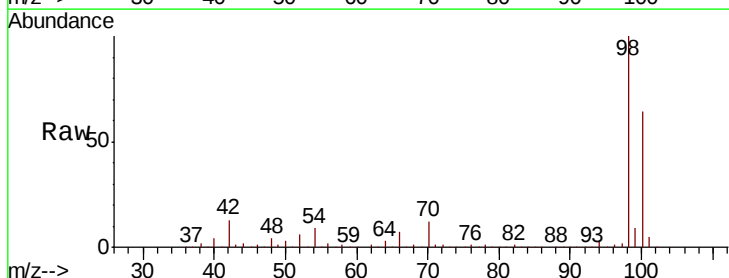
Acq: 04 Jun 2019 10:25

Tgt Ion: 98 Resp: 345837

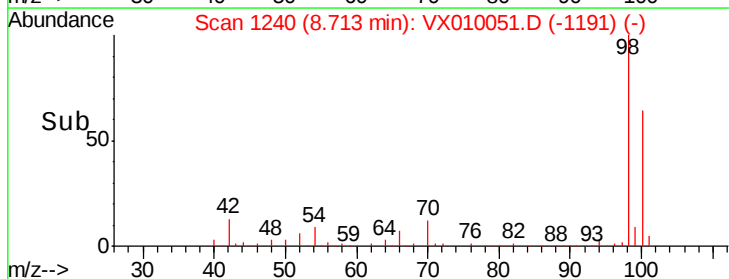
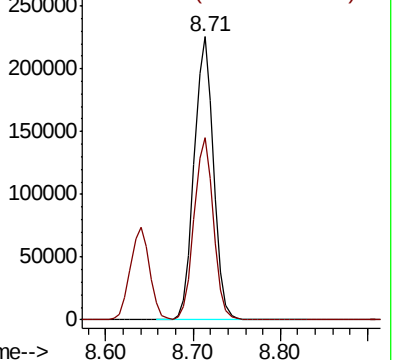
Ion Ratio Lower Upper

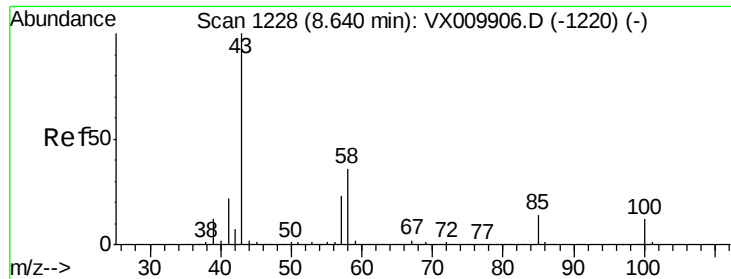
98 100

100 64.4 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: 239.084 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

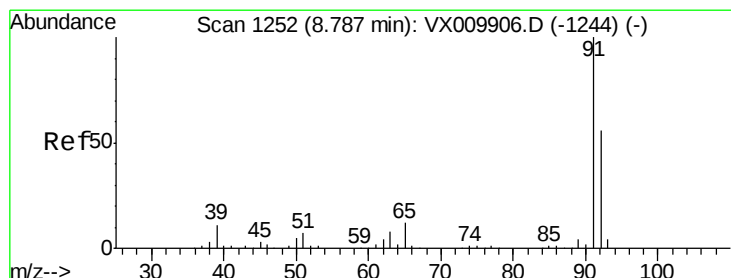
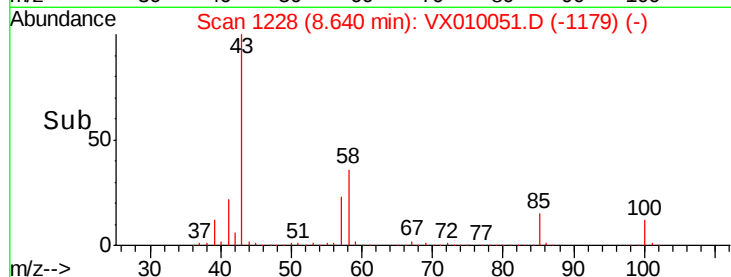
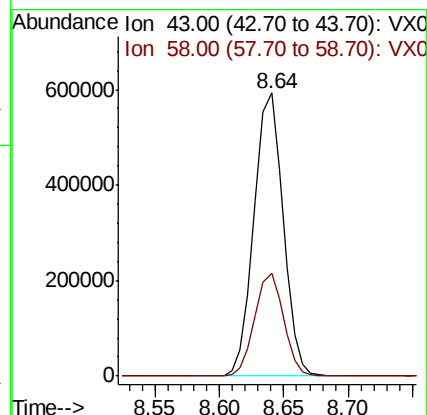
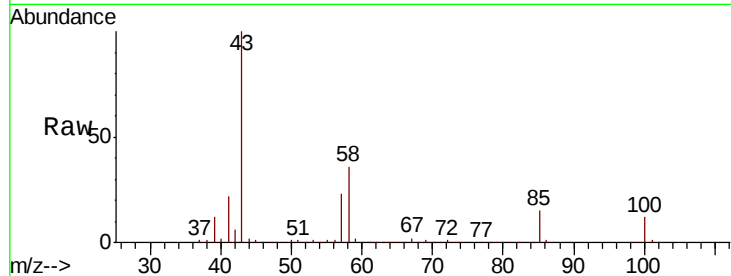
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 927847

Ion Ratio Lower Upper

43 100

58 36.1 28.8 43.2



#52

Toluene

Concen: 49.605 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010051.D

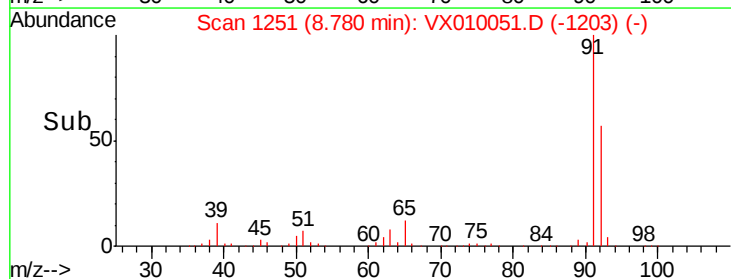
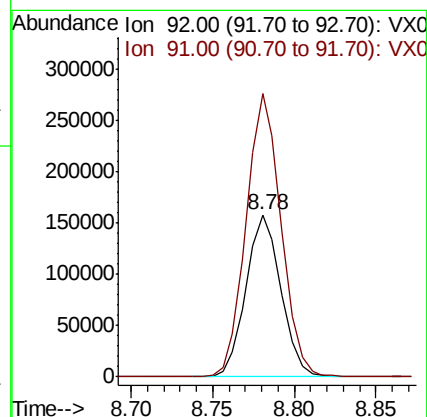
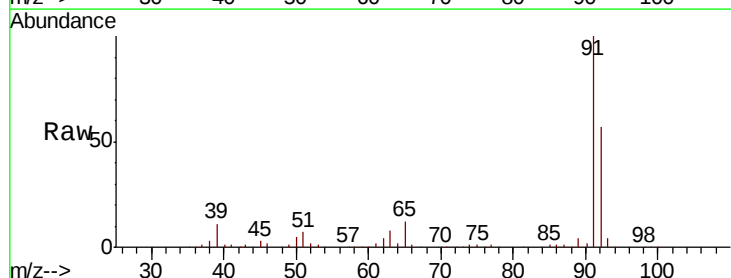
Acq: 04 Jun 2019 10:25

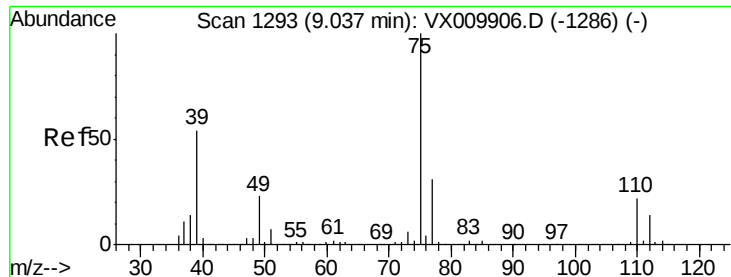
Tgt Ion: 92 Resp: 237079

Ion Ratio Lower Upper

92 100

91 174.8 139.9 209.9

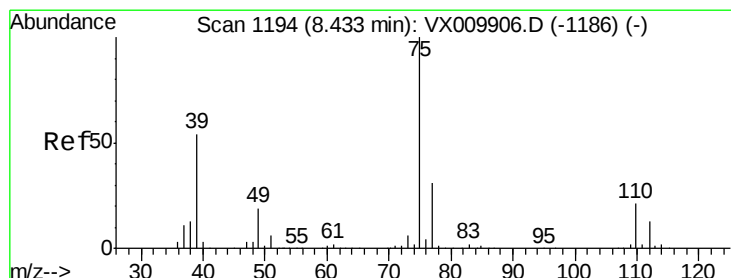
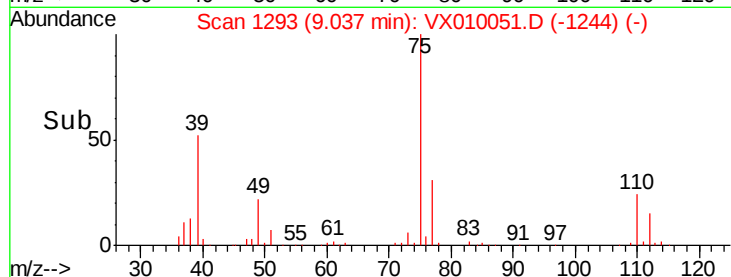
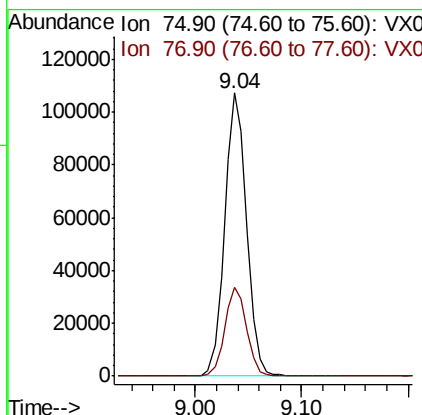
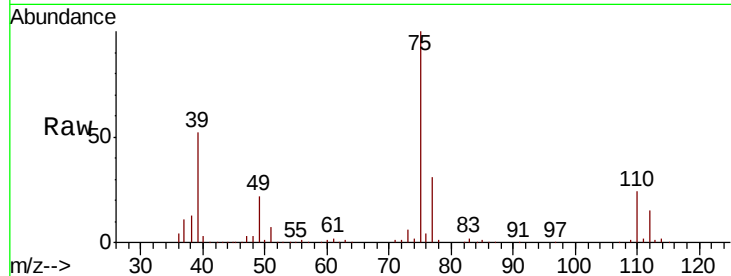




#53
 t-1,3-Dichloropropene
 Concen: 50.587 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

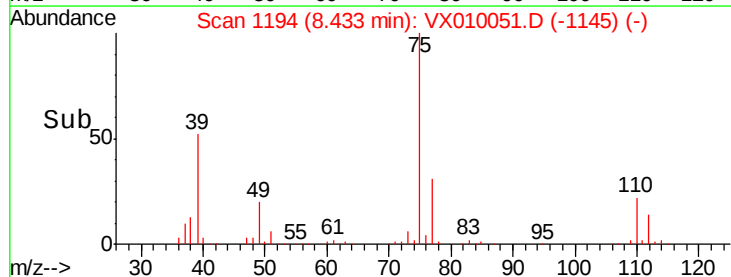
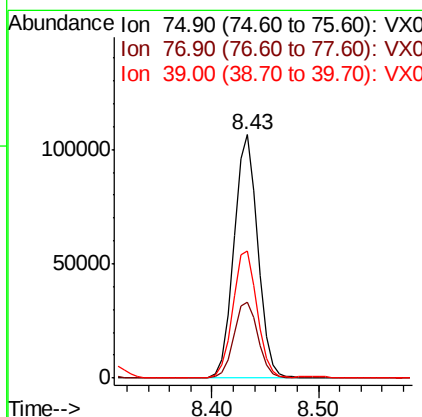
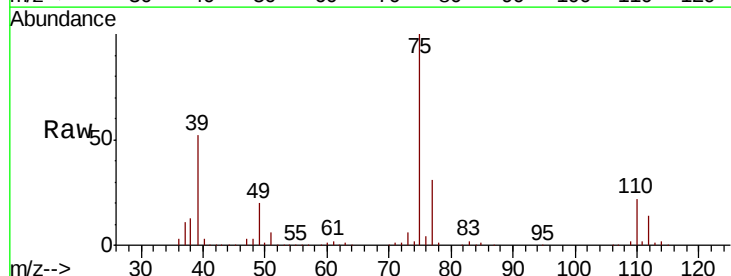
Instrument :
 MSVOA_X
 ClientSampleId :

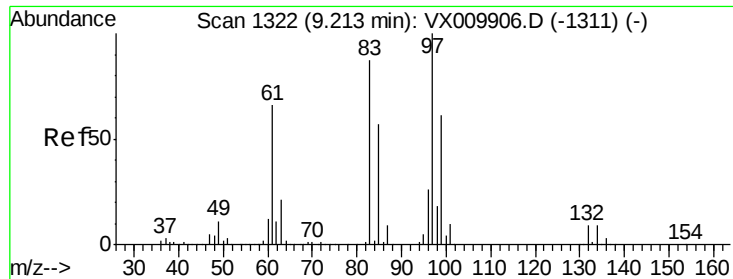
Tot Ion: 75 Resp: 153880
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.536 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion: 75 Resp: 167489
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 52.1 43.4 65.0

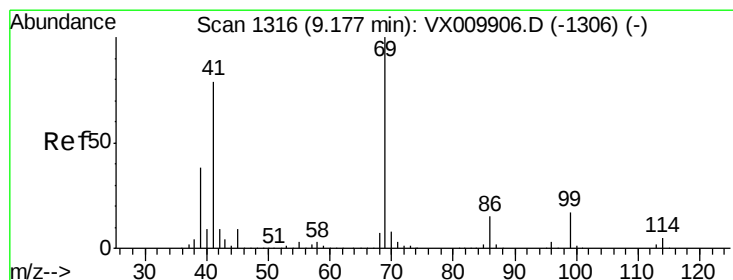
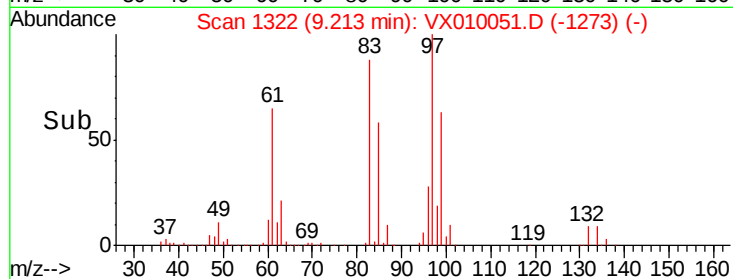
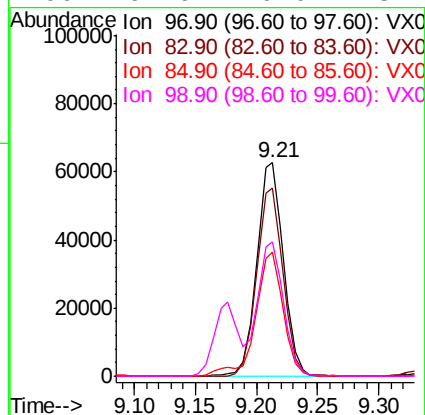
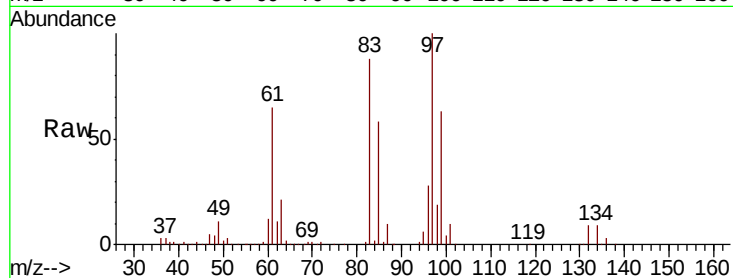




#55
 1,1,2-Trichloroethane
 Concen: 49.352 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

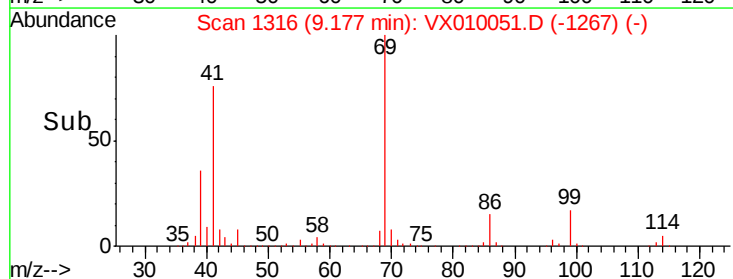
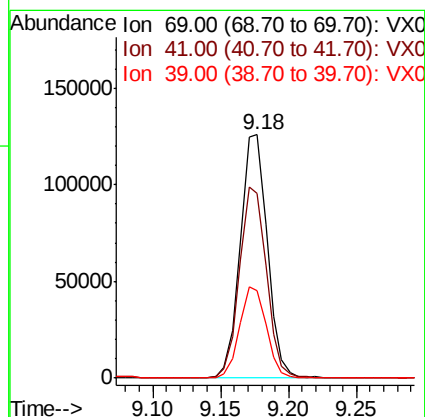
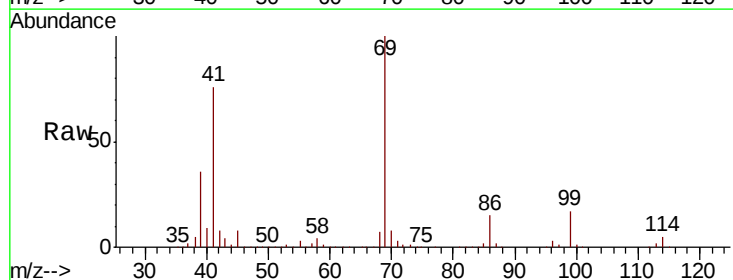
Instrument :
 MSVOA_X
 ClientSampleId :

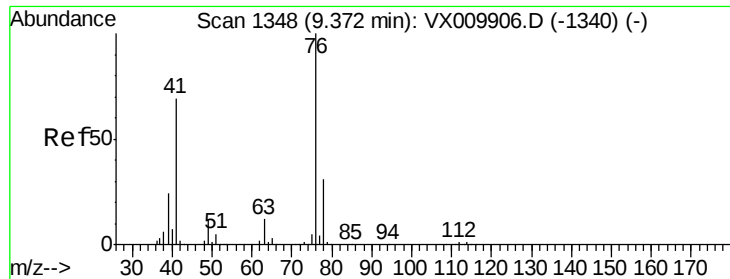
Tot Ion:	97	Resp:	94933
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.8	104.8
85	58.3	45.3	67.9
99	62.6	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 51.211 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion:	69	Resp:	175377
Ion	Ratio	Lower	Upper
69	100		
41	78.1	62.7	94.1
39	37.2	29.5	44.3





#57

1,3-Dichloropropane

Concen: 48.422 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

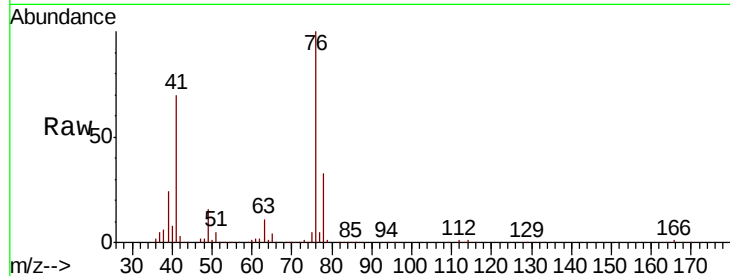
ClientSampled :

Tot Ion: 76 Resp: 167277

Ion Ratio Lower Upper

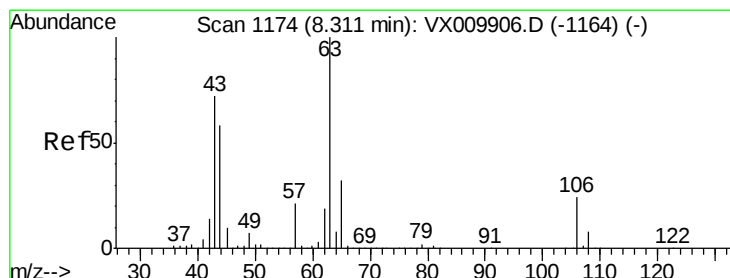
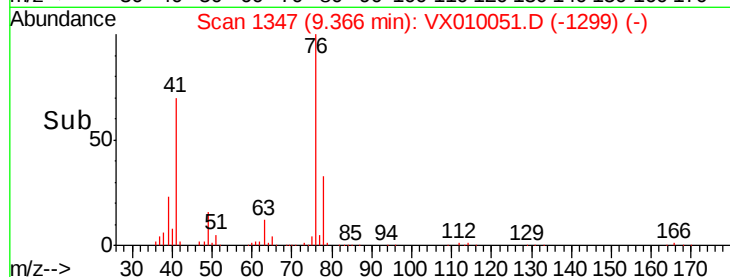
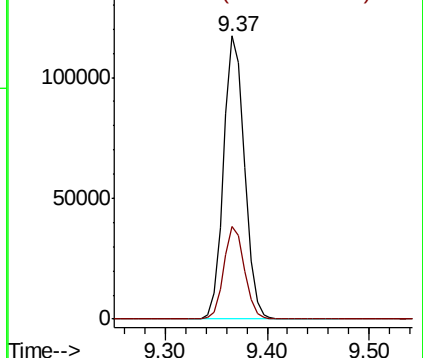
76 100

78 32.1 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 225.883 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010051.D

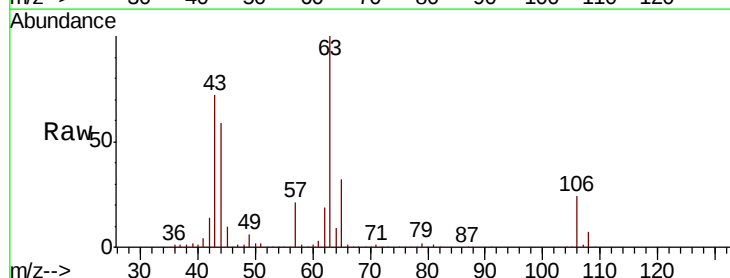
Acq: 04 Jun 2019 10:25

Tgt Ion: 63 Resp: 405637

Ion Ratio Lower Upper

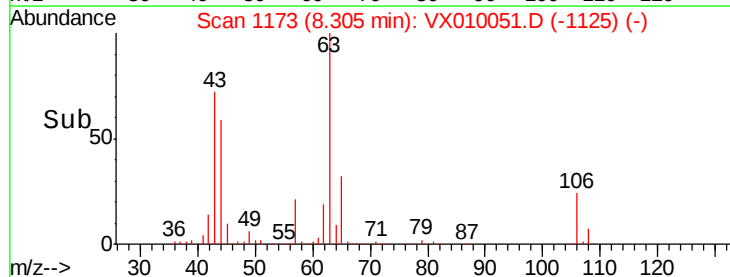
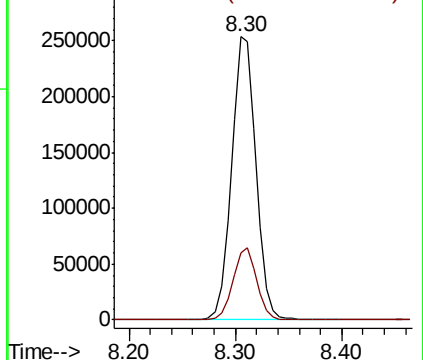
63 100

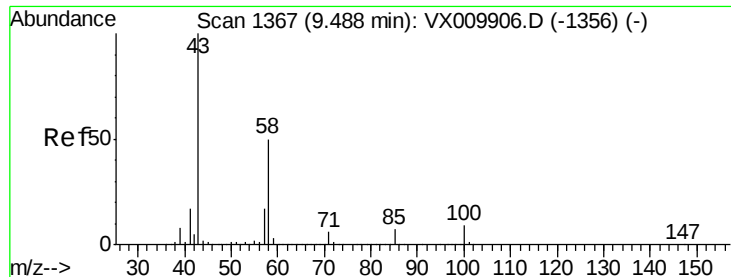
106 24.8 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

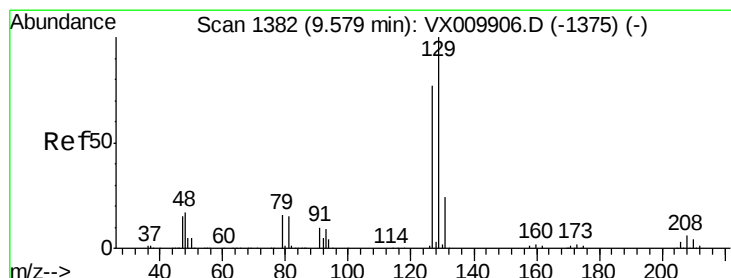
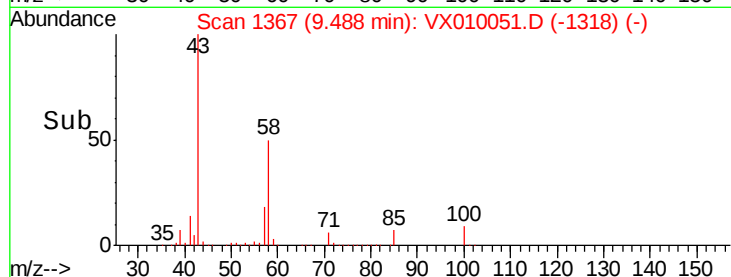
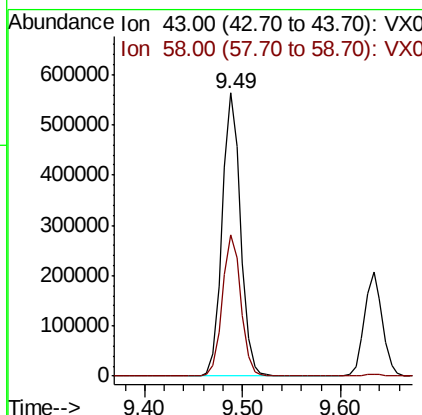
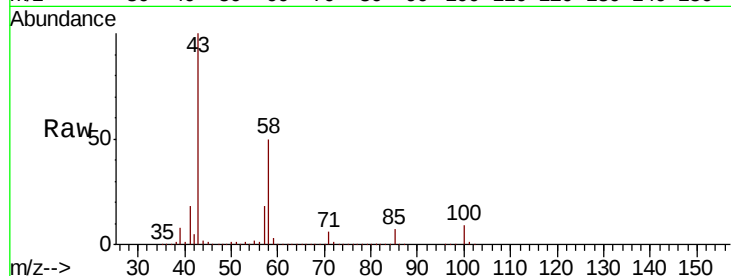




#59
2-Hexanone
Concen: 245.393 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

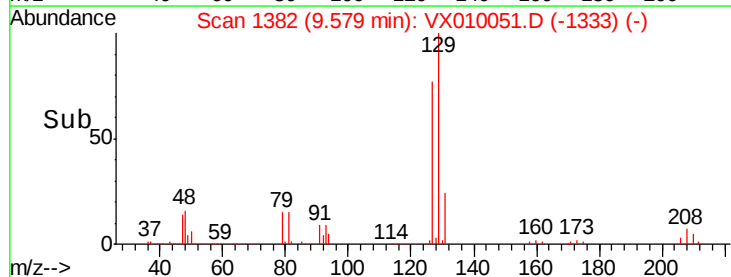
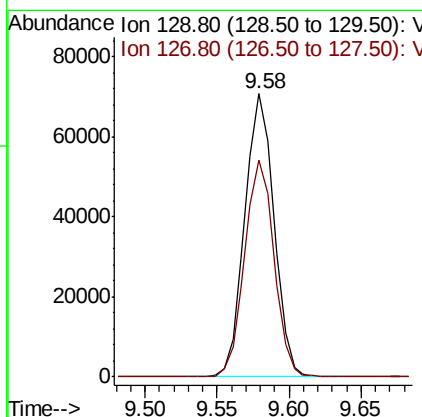
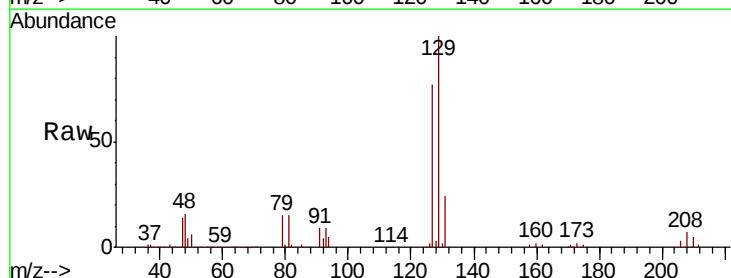
Instrument :
MSVOA_X
ClientSampleId :

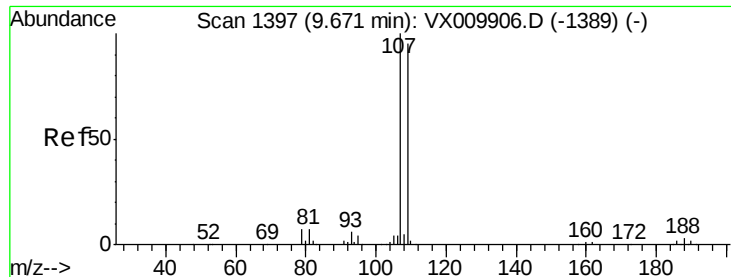
Tot Ion: 43 Resp: 733204
Ion Ratio Lower Upper
43 100
58 50.5 25.1 75.3



#60
Dibromochloromethane
Concen: 52.535 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion: 129 Resp: 99409
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.055 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

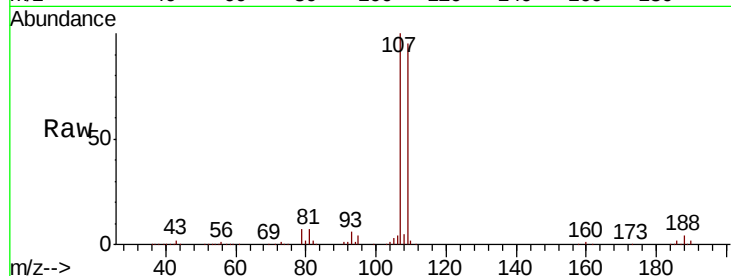
ClientSampleId :

Tot Ion:107 Resp: 98920

Ion Ratio Lower Upper

107 100

109 93.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

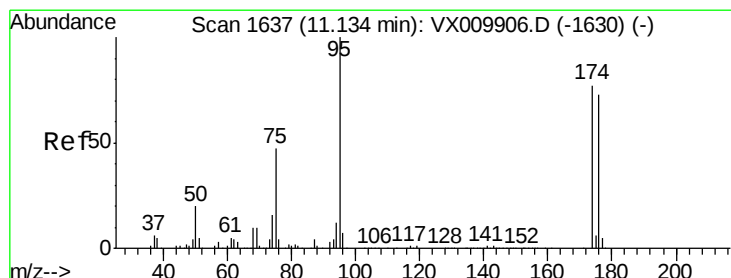
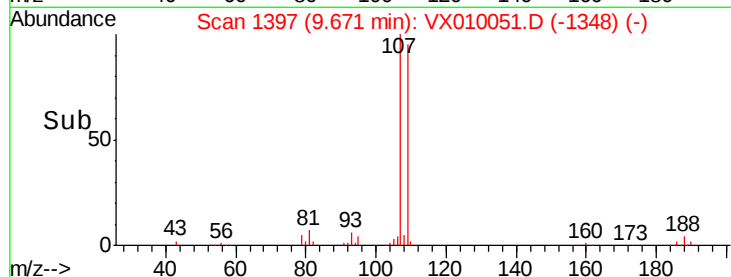
40000

20000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#62

4-Bromofluorobenzene

Concen: 53.716 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

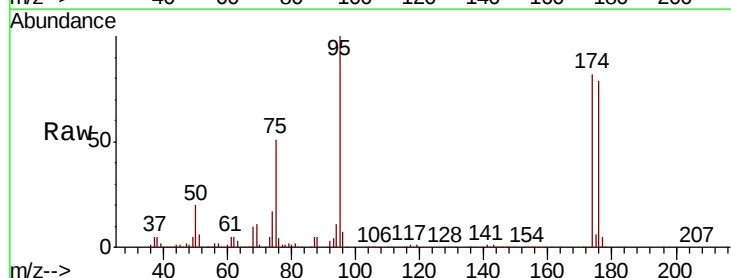
Tgt Ion: 95 Resp: 128823

Ion Ratio Lower Upper

95 100

174 83.2 0.0 160.4

176 80.9 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

11.13

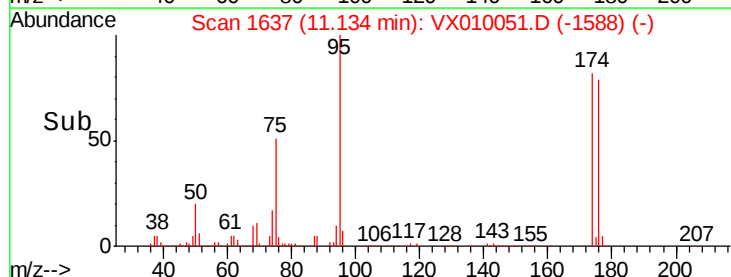
100000

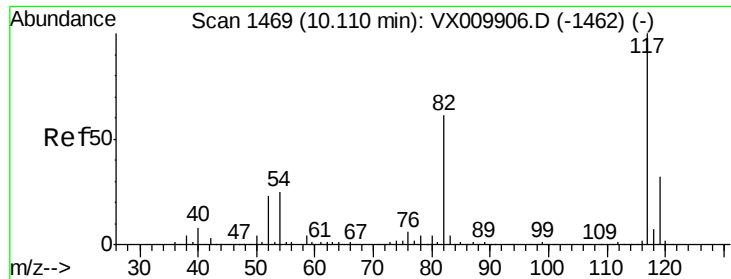
50000

0

Time-->

11.10 11.20

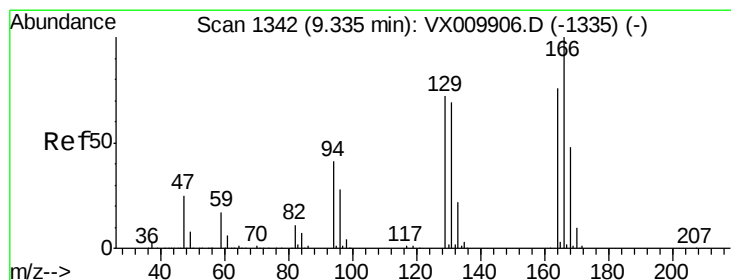
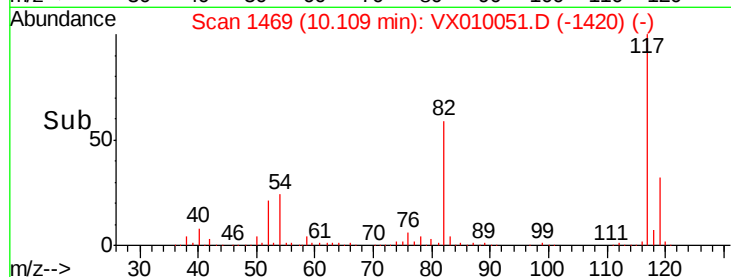
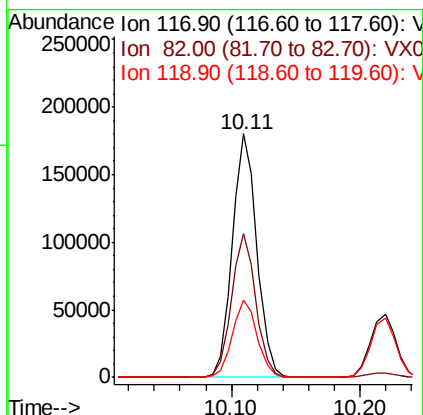
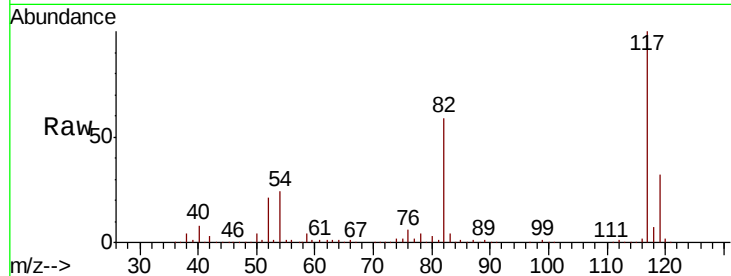




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

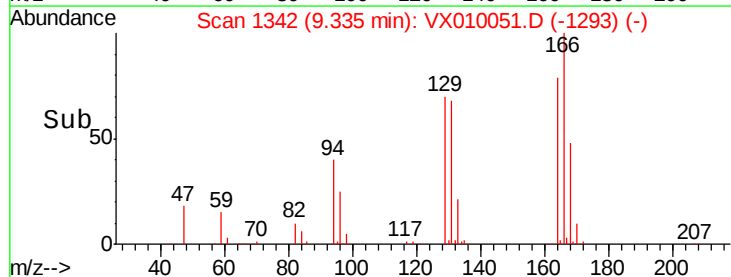
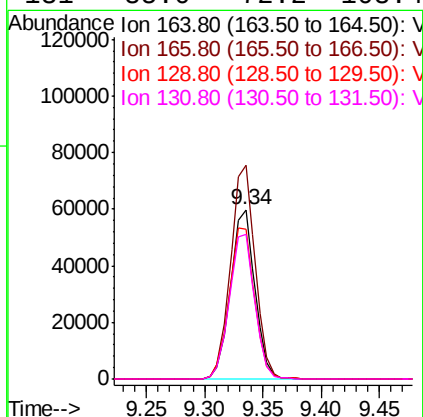
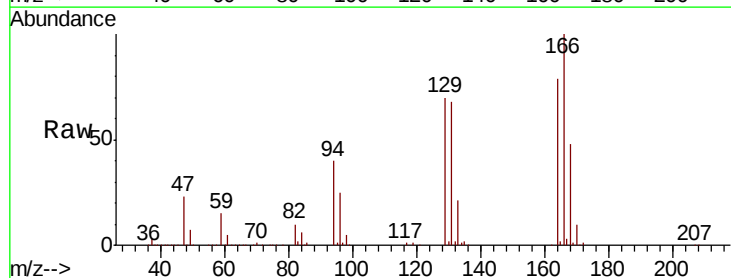
Instrument :
MSVOA_X
ClientSampled :

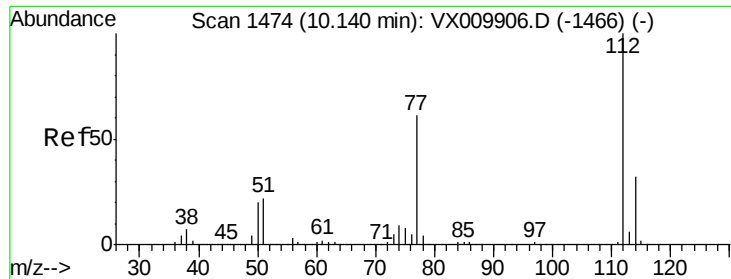
Tot Ion:117 Resp: 239572
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 52.231 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion:164 Resp: 87403
Ion Ratio Lower Upper
164 100
166 126.0 105.0 157.4
129 88.1 75.1 112.7
131 85.0 72.2 108.4

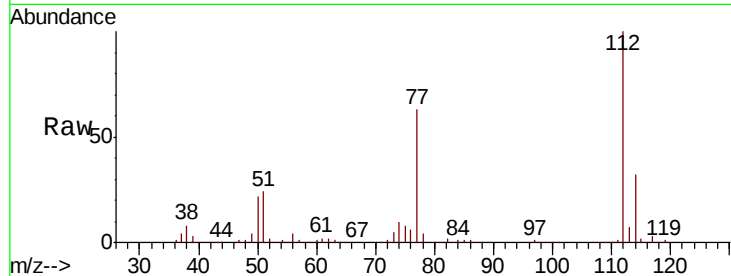




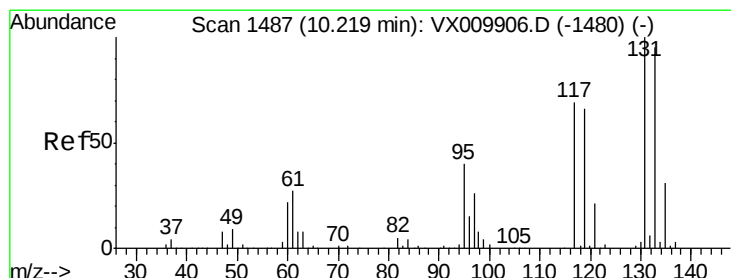
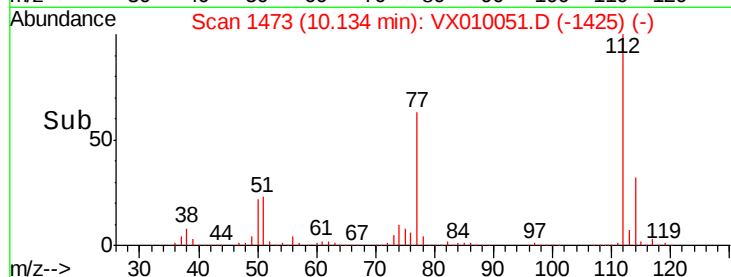
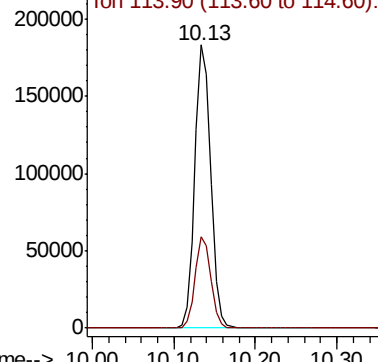
#65
Chlorobenzene
Concen: 49.957 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:112 Resp: 250556
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

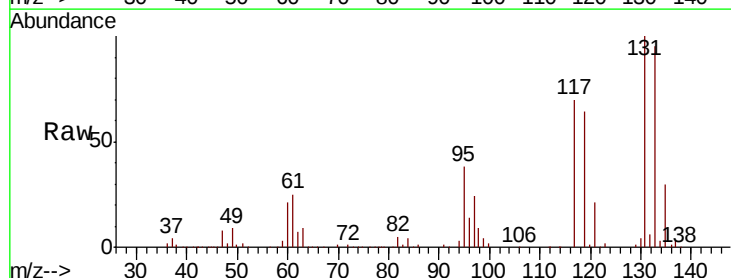


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

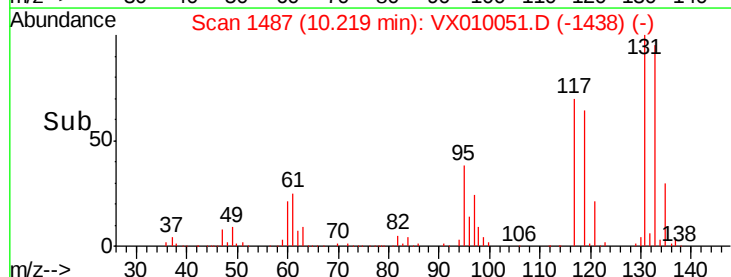
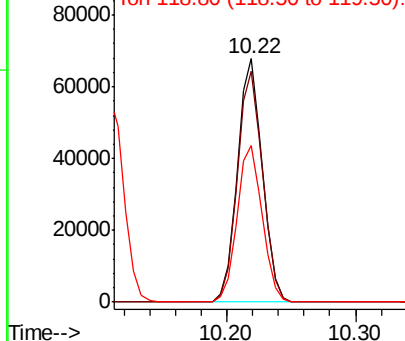


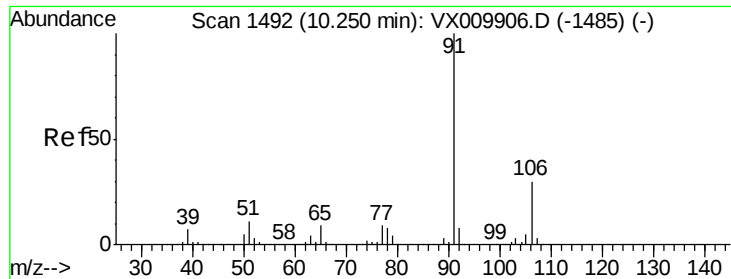
#66
1,1,1,2-Tetrachloroethane
Concen: 52.180 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion:131 Resp: 90771
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 65.1 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

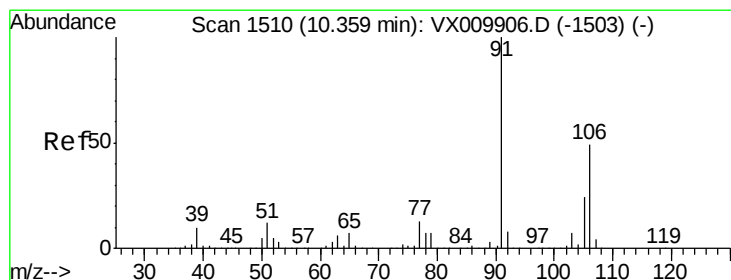
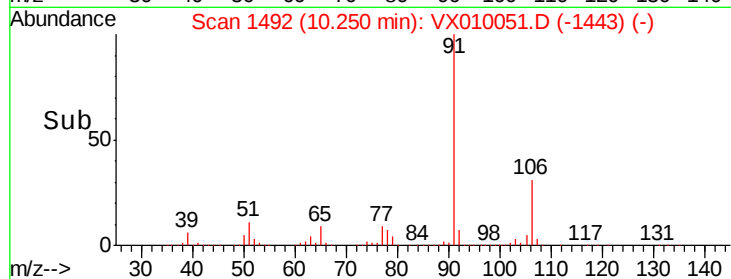
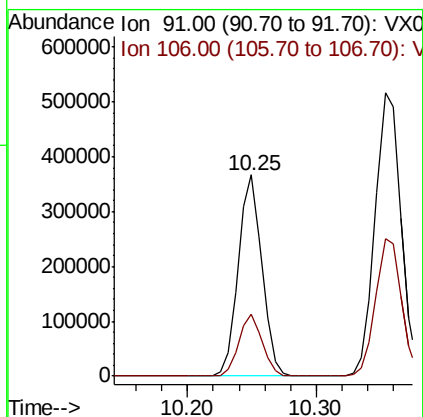
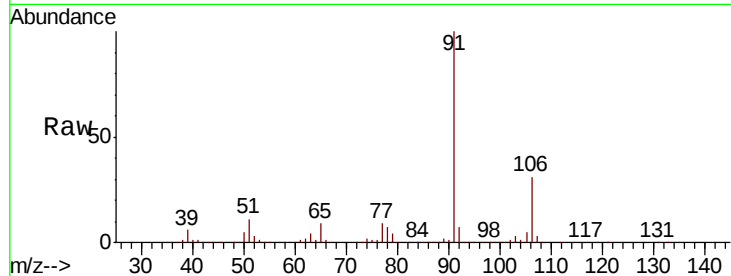




#67
Ethyl Benzene
Concen: 51.901 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

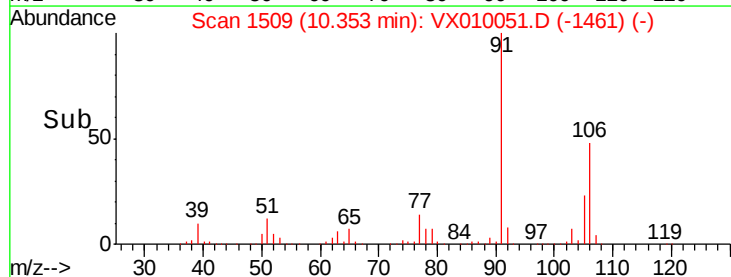
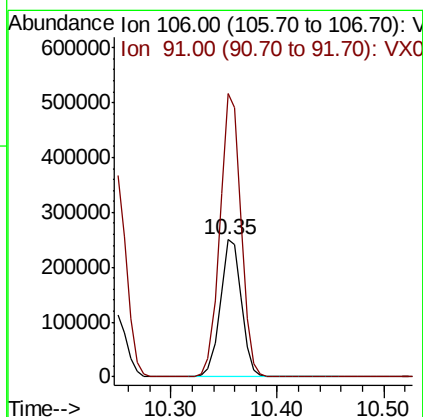
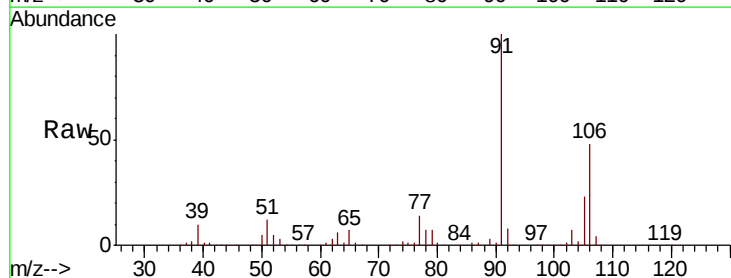
Instrument :
MSVOA_X
ClientSampled :

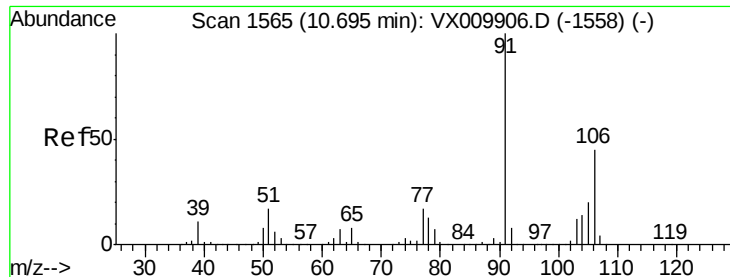
Tot Ion: 91 Resp: 467390
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9



#68
m/p-Xylenes
Concen: 103.975 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion: 106 Resp: 345913
Ion Ratio Lower Upper
106 100
91 205.8 167.3 250.9

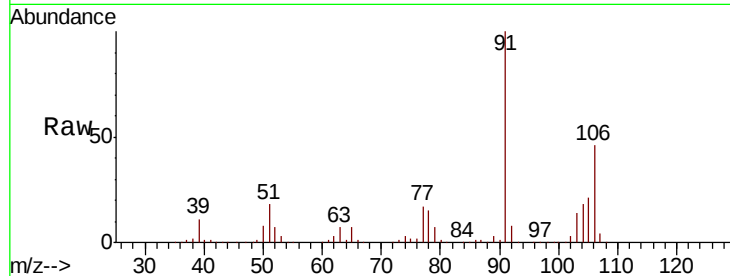




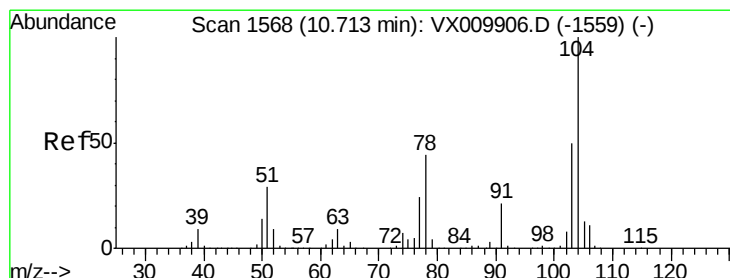
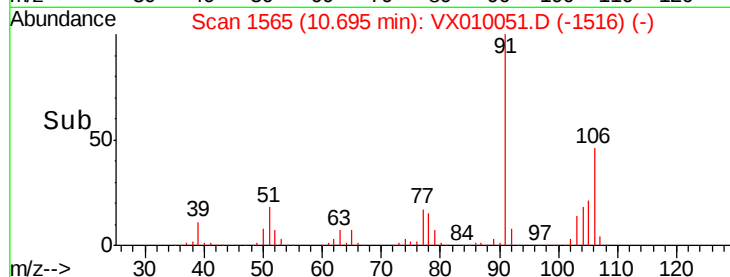
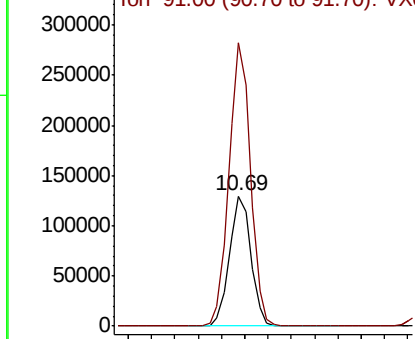
#69
o-Xylene
Concen: 52.233 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 166656
Ion Ratio Lower Upper
106 100
91 217.5 110.4 331.2

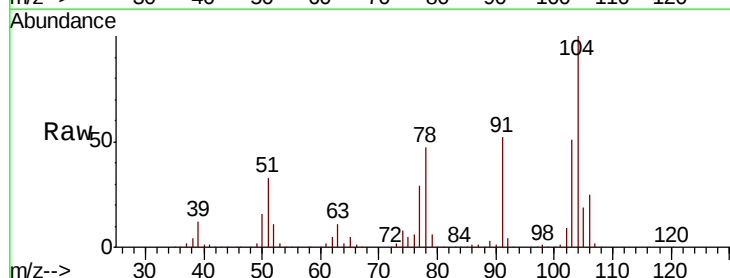


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

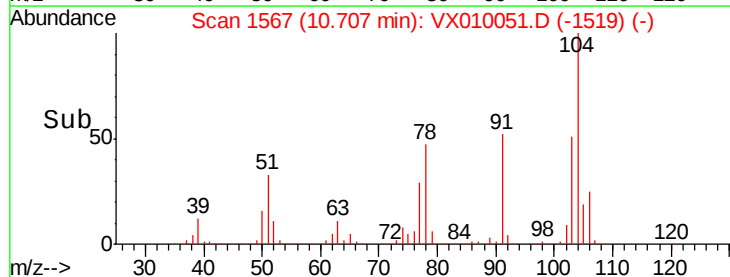
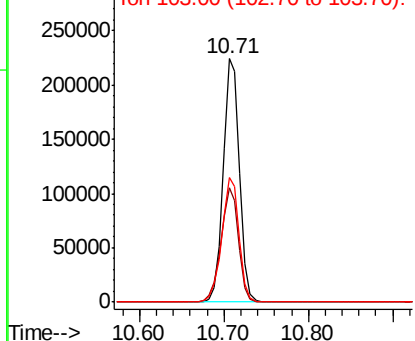


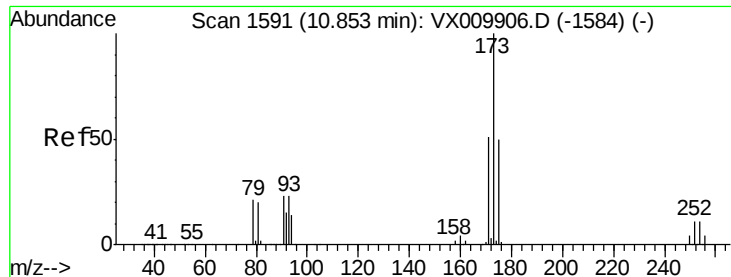
#70
Styrene
Concen: 53.215 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion:104 Resp: 297727
Ion Ratio Lower Upper
104 100
78 51.0 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: 54.948 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

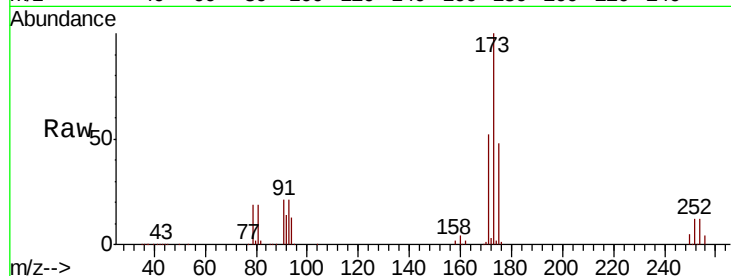
Tot Ion:173 Resp: 78133

Ion Ratio Lower Upper

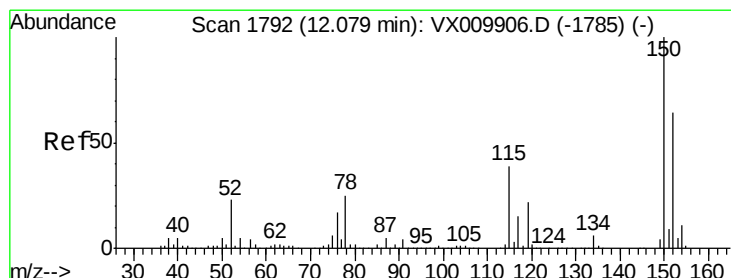
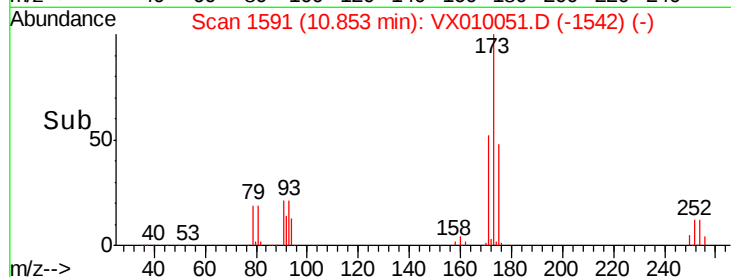
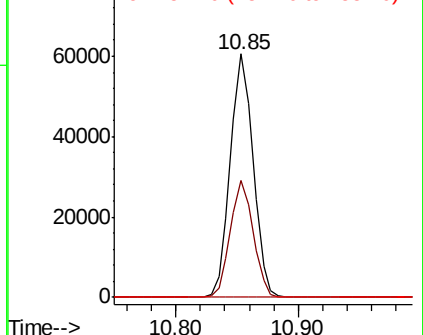
173 100

175 47.9 25.0 75.0

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

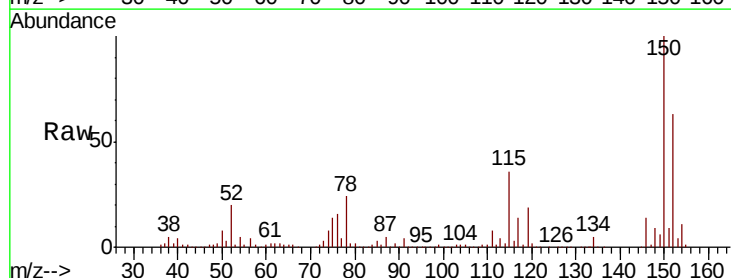
Tgt Ion:152 Resp: 123003

Ion Ratio Lower Upper

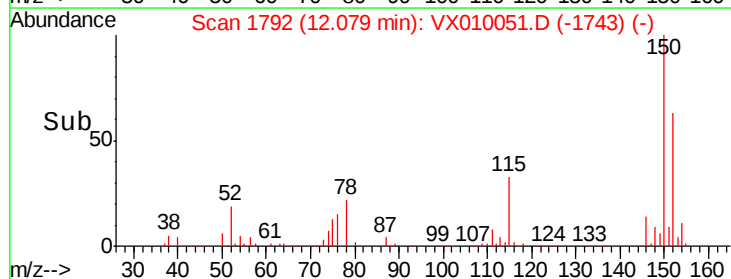
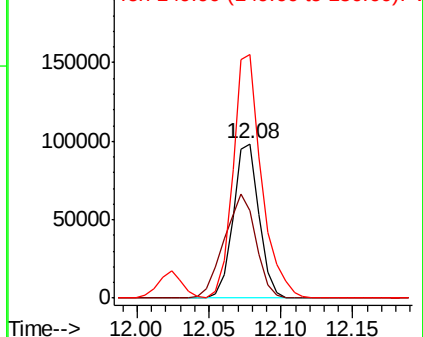
152 100

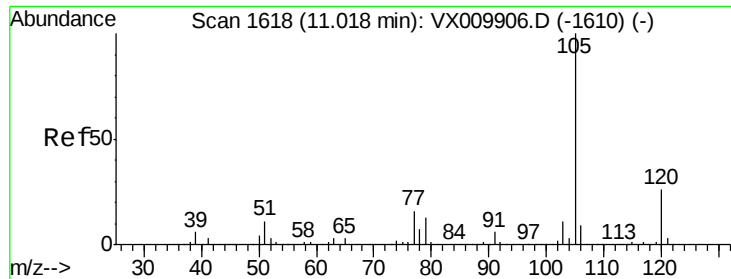
115 82.9 41.4 124.2

150 174.6 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: 49.909 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

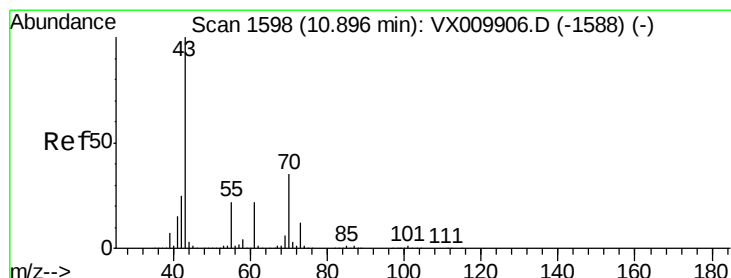
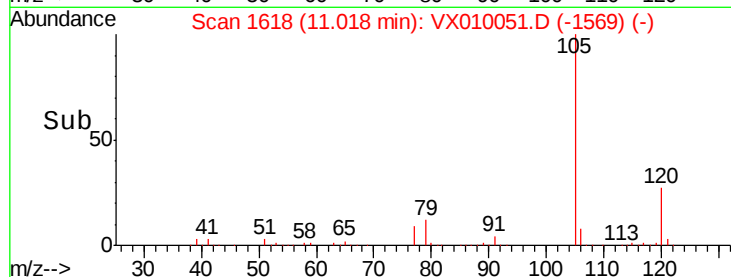
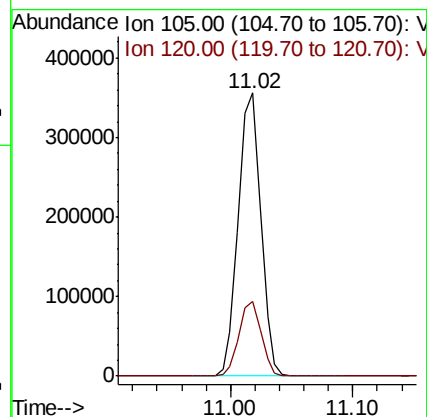
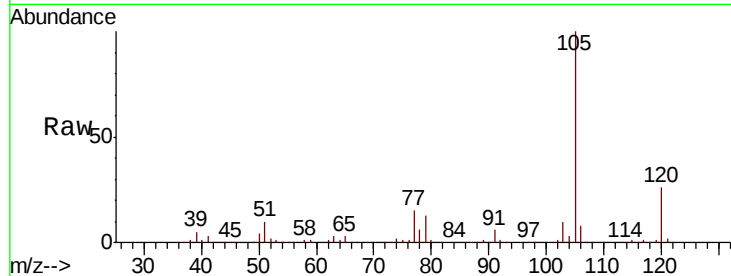
ClientSampleId :

Tot Ion:105 Resp: 452944

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.4



#74

N-ethyl acetate

Concen: 47.705 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Tgt Ion: 43 Resp: 258707

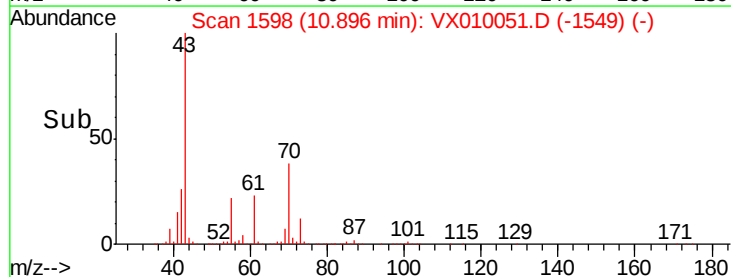
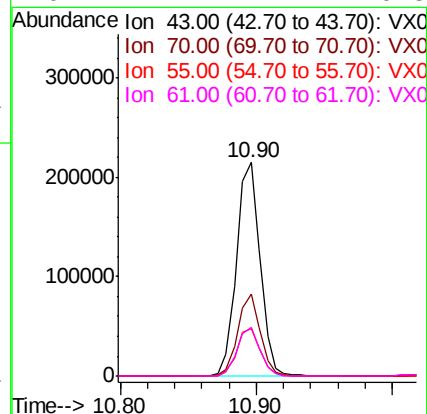
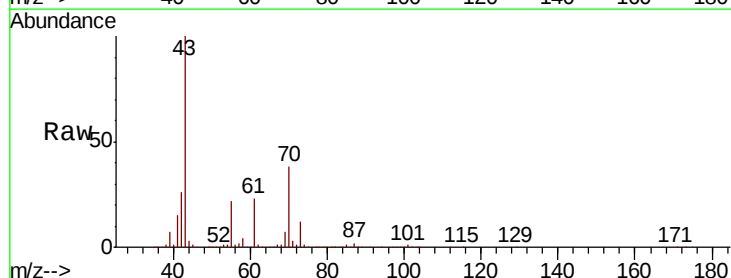
Ion Ratio Lower Upper

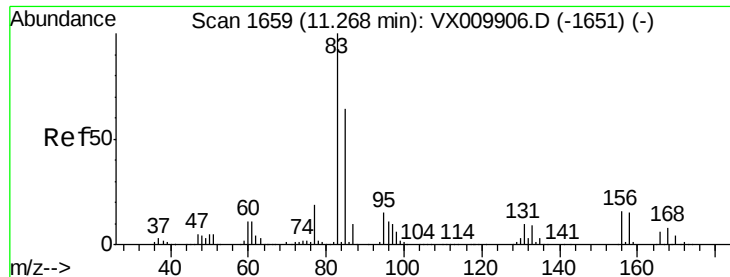
43 100

70 36.7 28.6 43.0

55 22.2 17.8 26.8

61 22.1 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.310 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

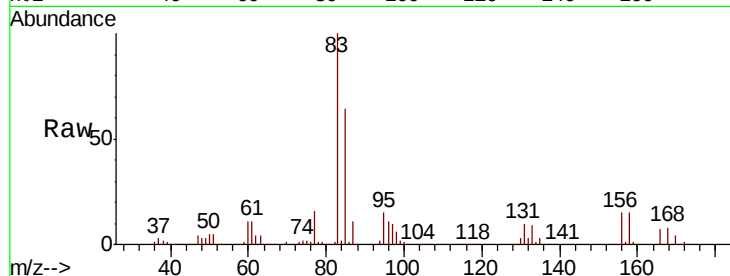
Tot Ion: 83 Resp: 156796

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.1

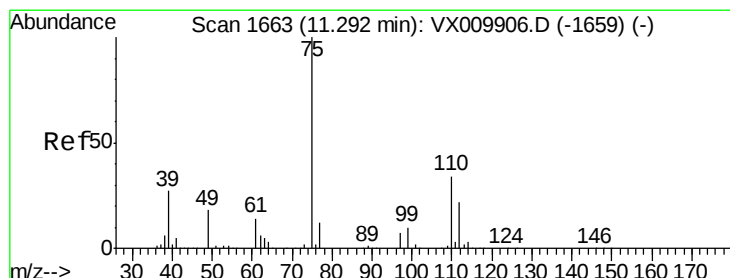
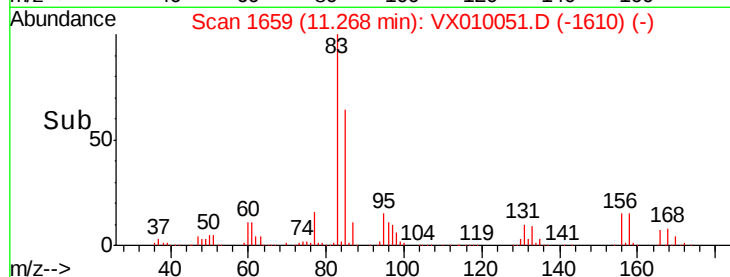
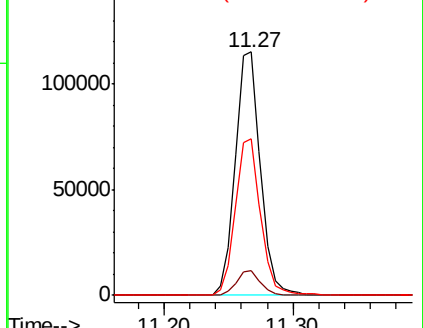
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.236 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010051.D

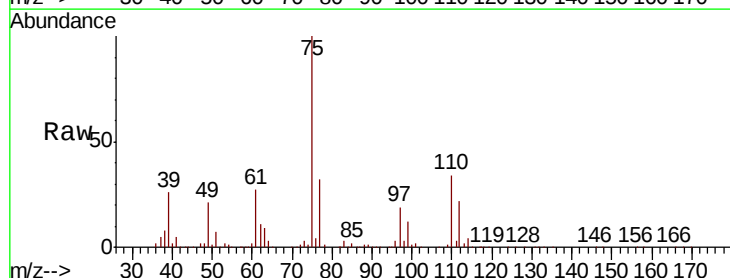
Acq: 04 Jun 2019 10:25

Tgt Ion: 75 Resp: 191883

Ion Ratio Lower Upper

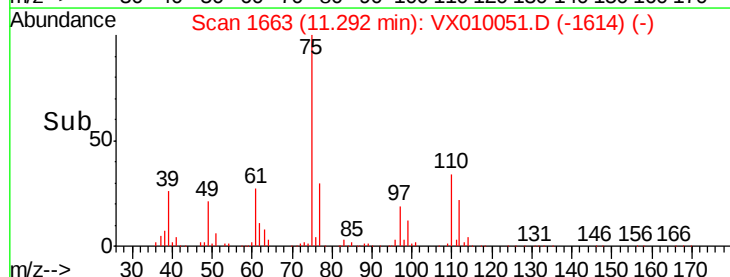
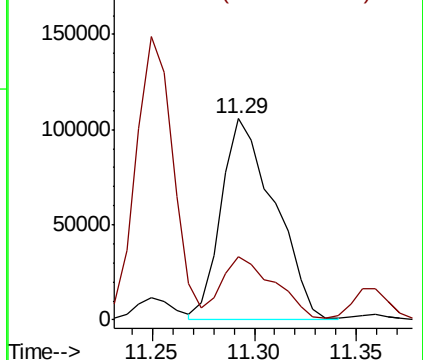
75 100

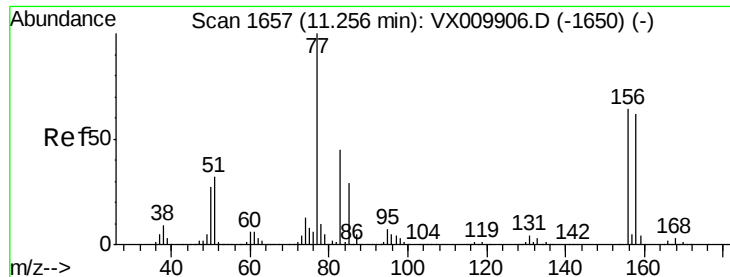
77 31.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.925 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampled :

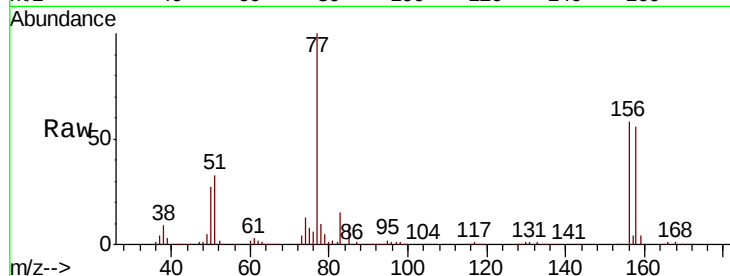
Tot Ion:156 Resp: 113155

Ion Ratio Lower Upper

156 100

77 166.7 86.8 260.3

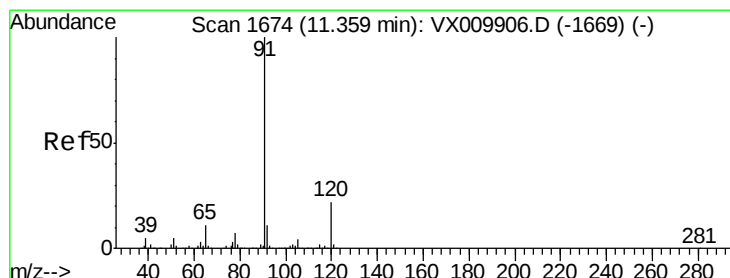
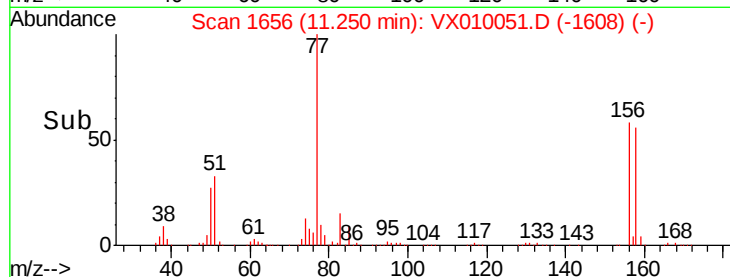
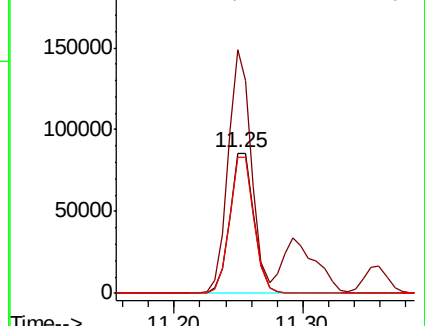
158 97.6 49.6 148.8



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: 50.969 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010051.D

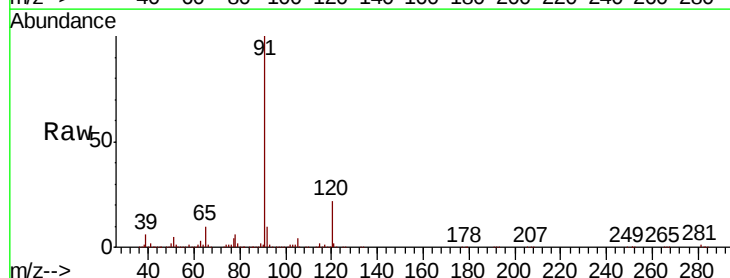
Acq: 04 Jun 2019 10:25

Tgt Ion: 91 Resp: 533180

Ion Ratio Lower Upper

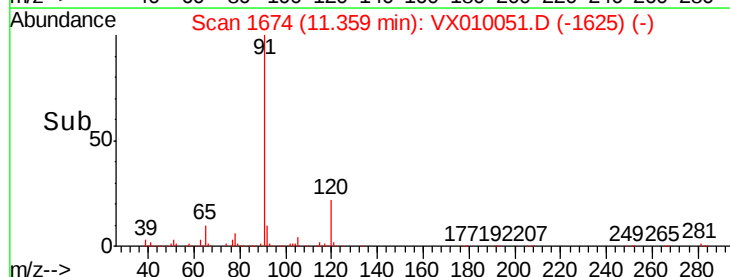
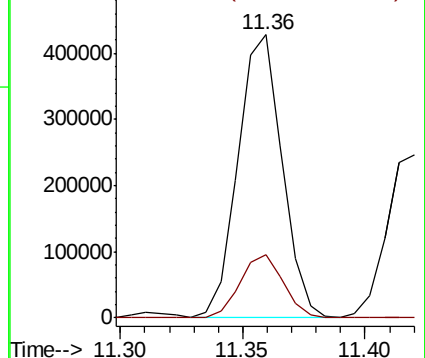
91 100

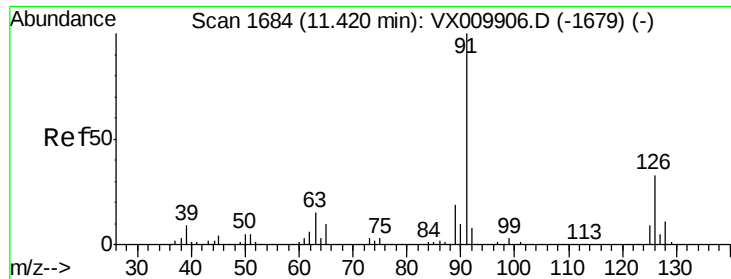
120 22.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

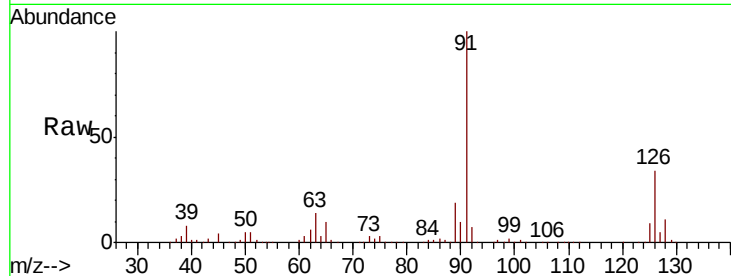




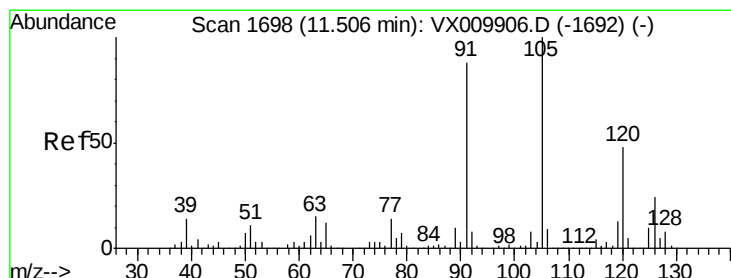
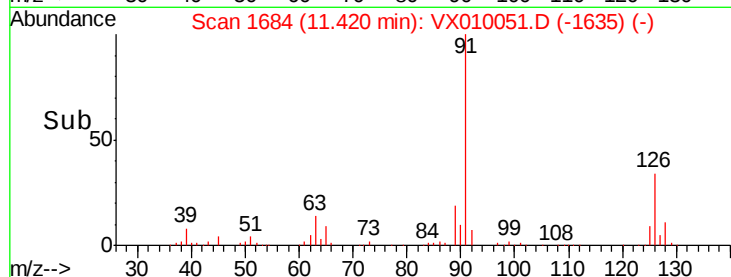
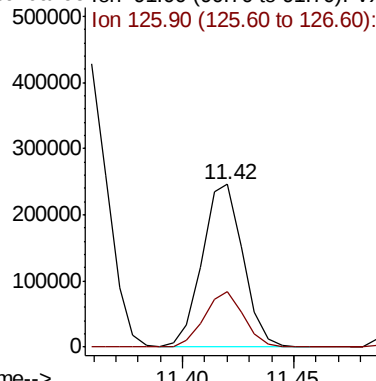
#79
 2-Chlorotoluene
 Concen: 49.025 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 313335
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.1 48.3

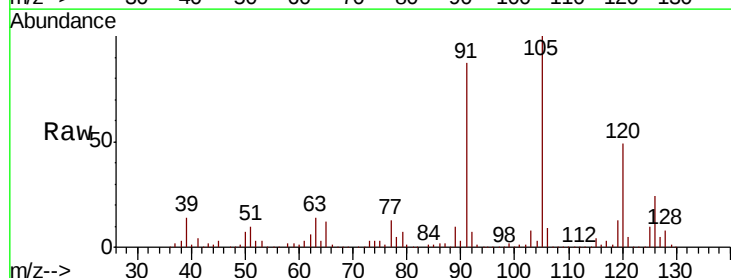


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

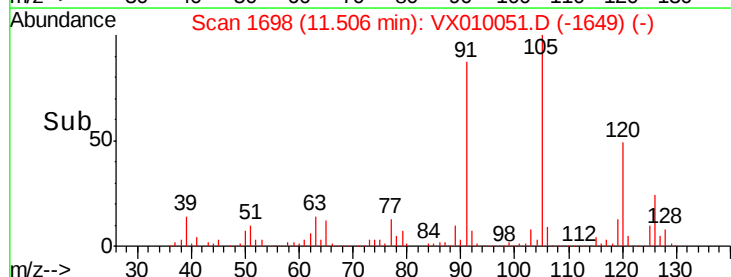
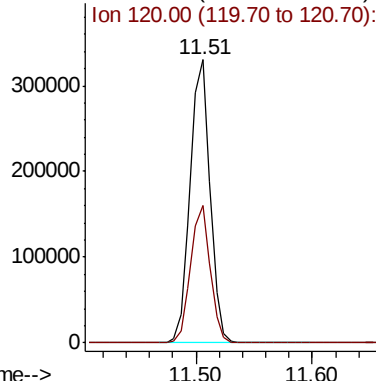


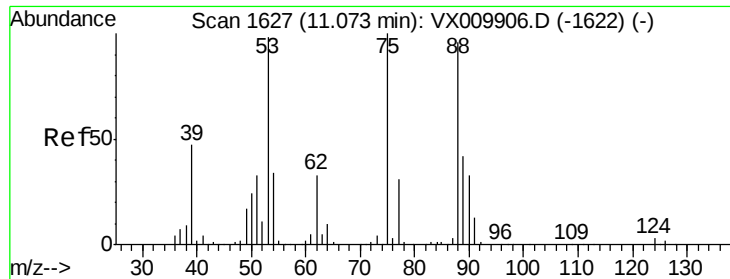
#80
 1,3,5-Trimethylbenzene
 Concen: 50.657 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion:105 Resp: 387307
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.978 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

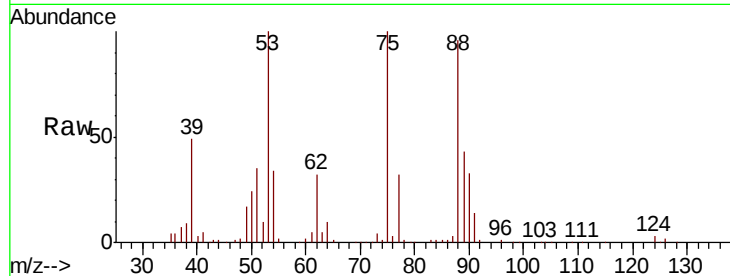
Tot Ion: 75 Resp: 57038

Ion Ratio Lower Upper

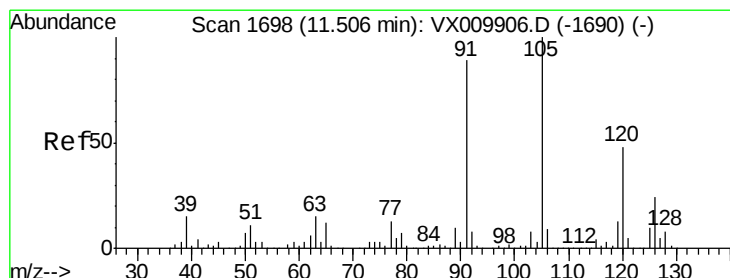
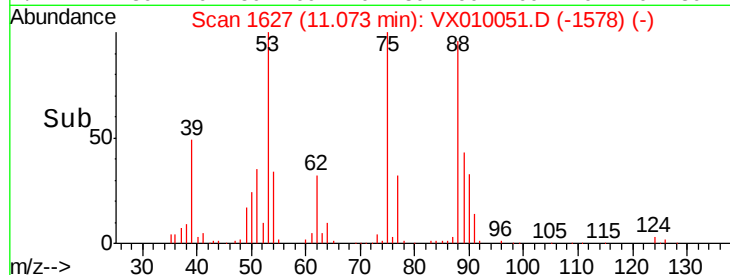
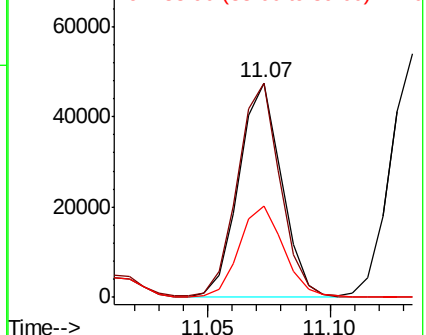
75 100

53 100.6 79.8 119.6

89 45.1 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: 49.197 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010051.D

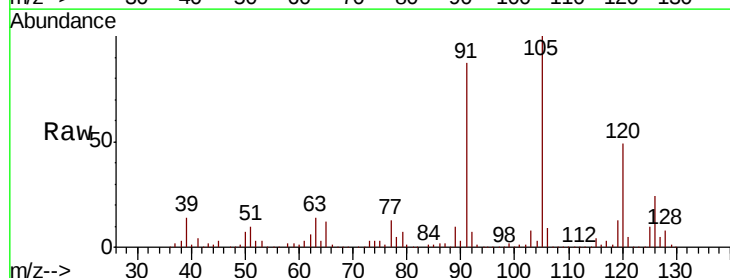
Acq: 04 Jun 2019 10:25

Tgt Ion: 91 Resp: 366037

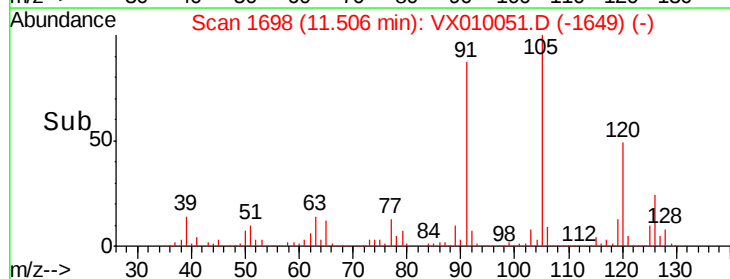
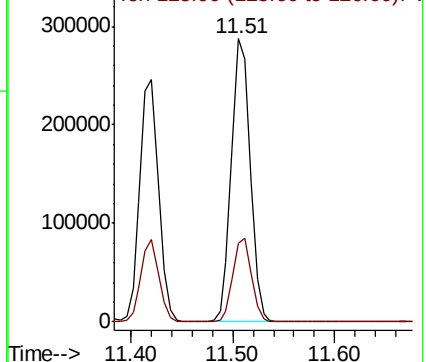
Ion Ratio Lower Upper

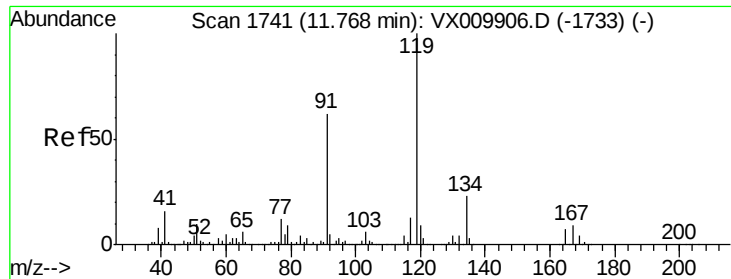
91 100

126 29.3 14.2 42.6



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

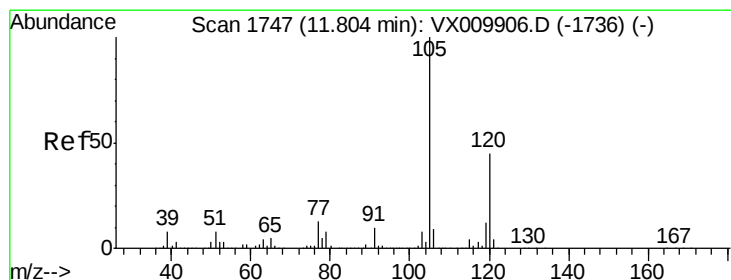
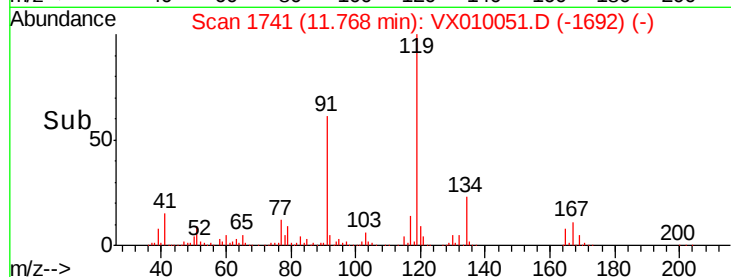
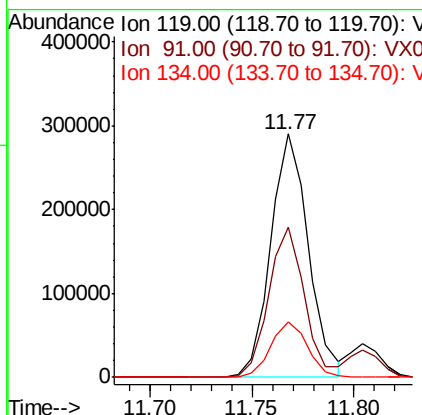
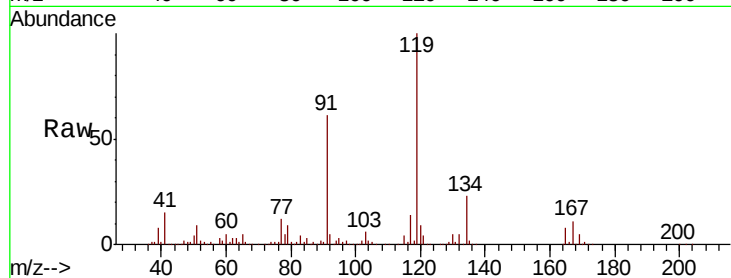




#83
tert-Butylbenzene
Concen: 51.058 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

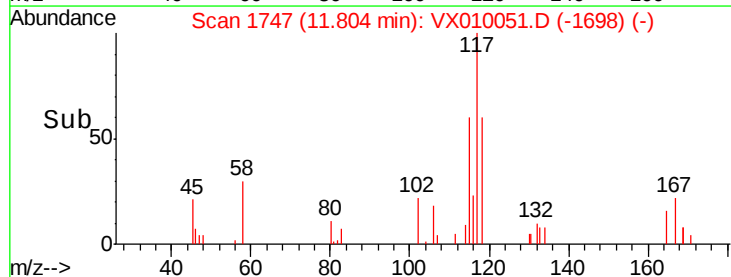
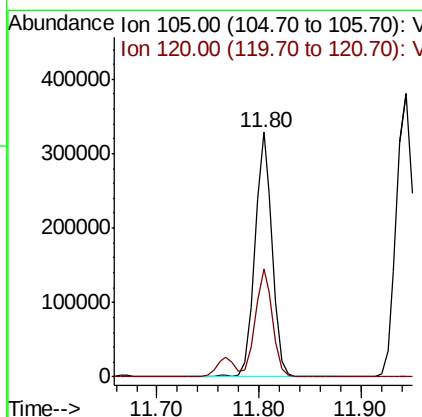
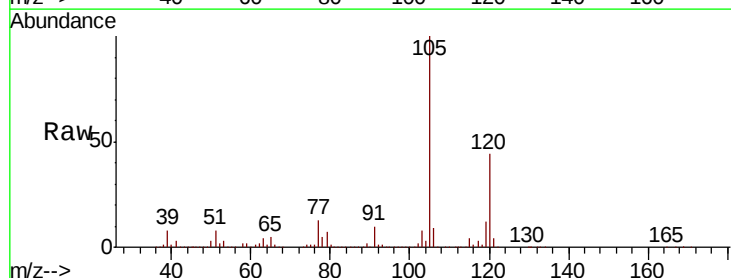
Instrument :
MSVOA_X
ClientSampleId :

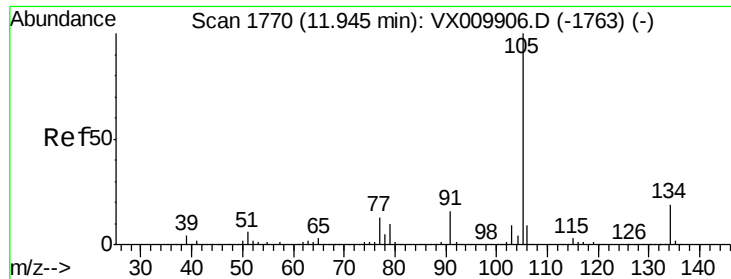
Tot Ion:119 Resp: 373473
Ion Ratio Lower Upper
119 100
91 59.0 30.0 90.0
134 22.3 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 50.028 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion:105 Resp: 388448
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 51.845 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

Instrument :

MSVOA_X

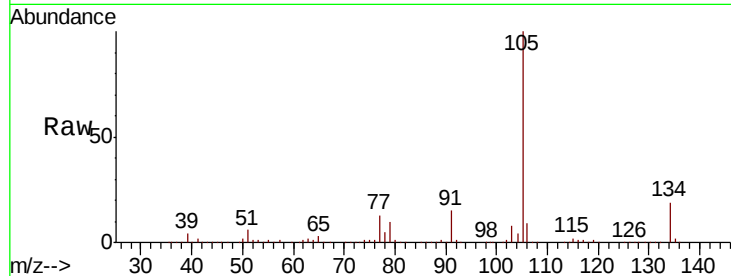
ClientSampled :

Tot Ion:105 Resp: 451160

Ion Ratio Lower Upper

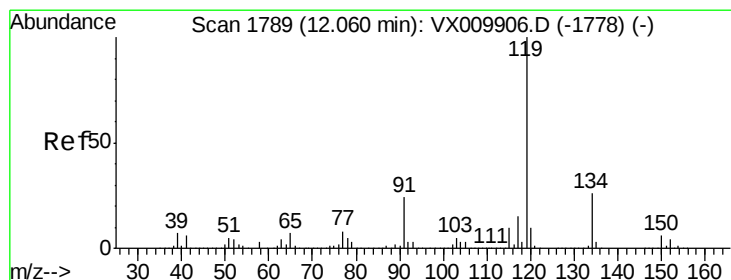
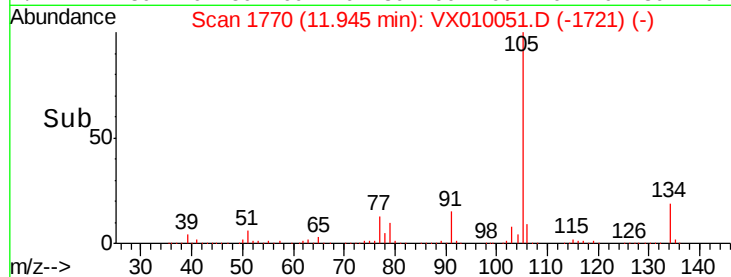
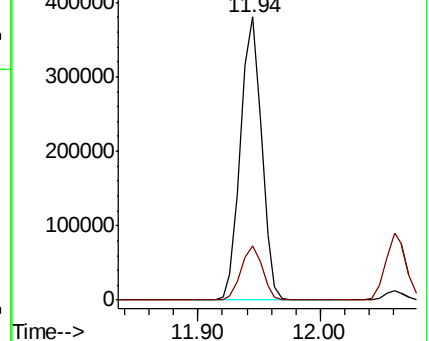
105 100

134 19.5 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: 52.789 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010051.D

Acq: 04 Jun 2019 10:25

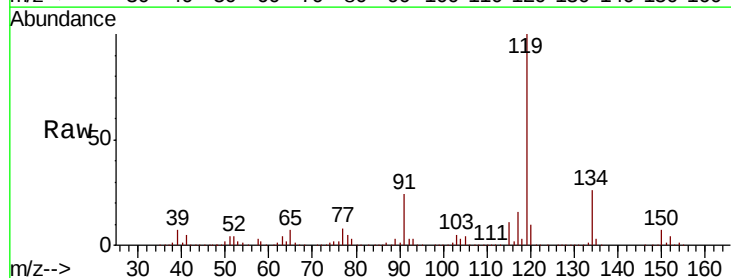
Tgt Ion:119 Resp: 413195

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

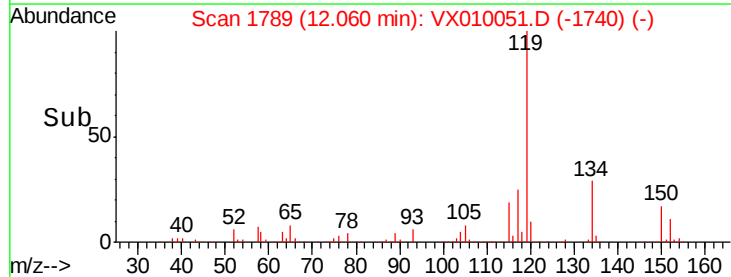
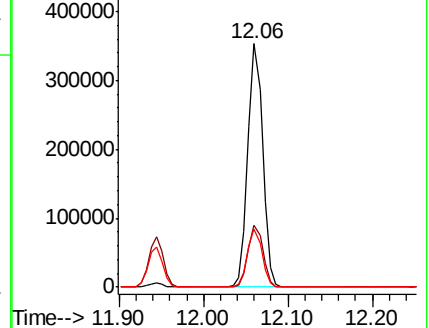
91 23.7 11.9 35.9

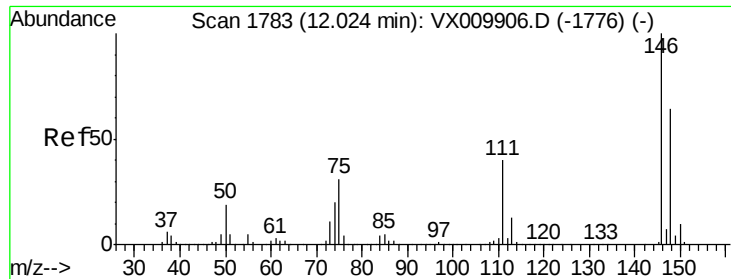


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

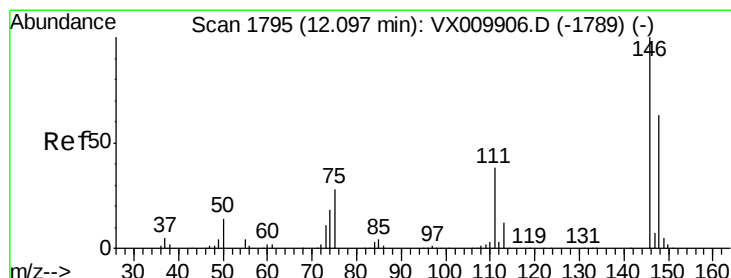
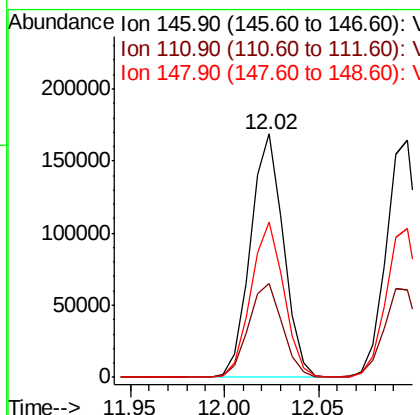
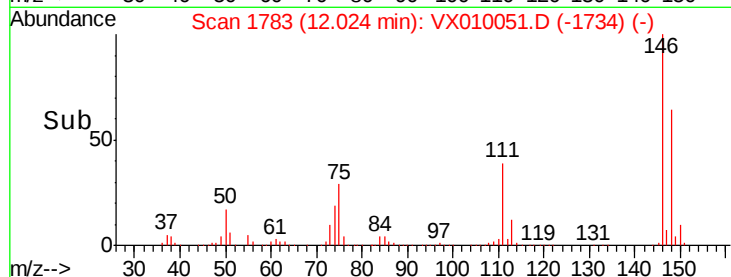
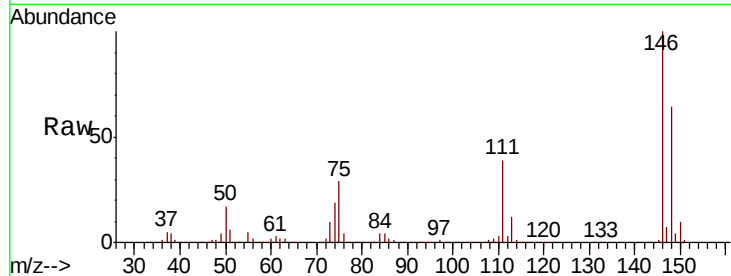




#87
 1,3-Dichlorobenzene
 Concen: 49.883 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

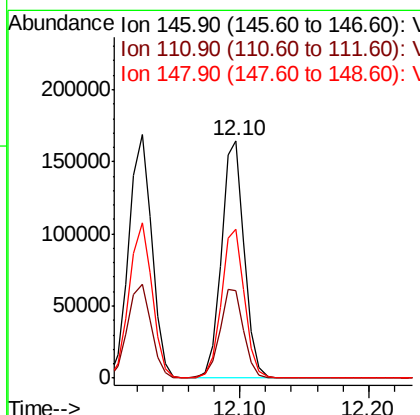
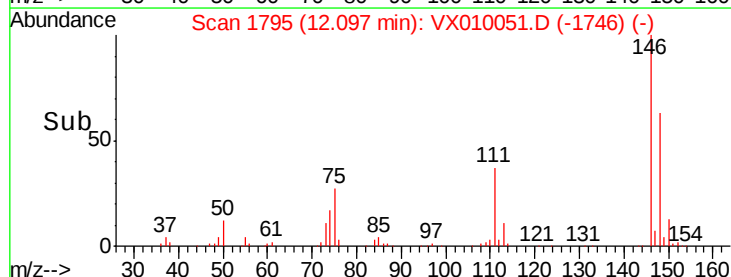
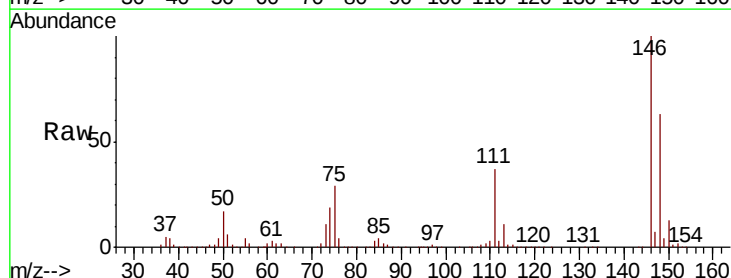
Instrument :
 MSVOA_X
 ClientSampled :

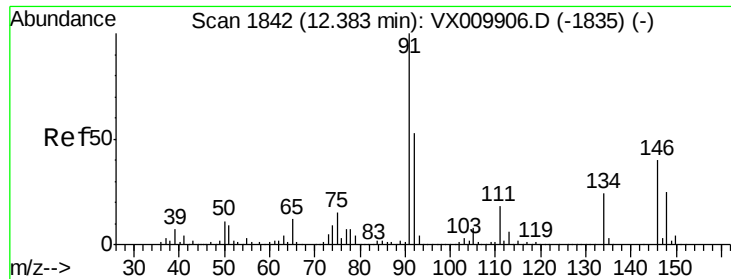
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	63.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.736 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.0	59.9
148	63.3	32.3	96.9

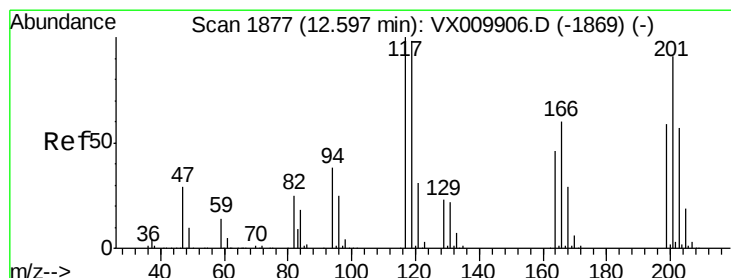
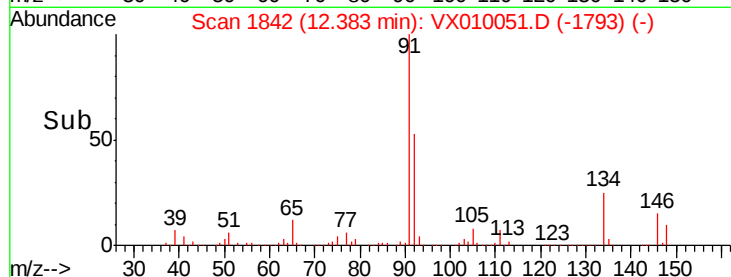
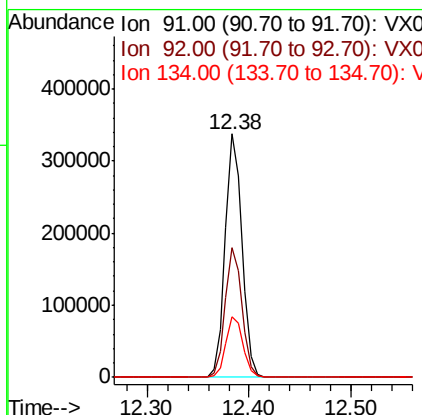
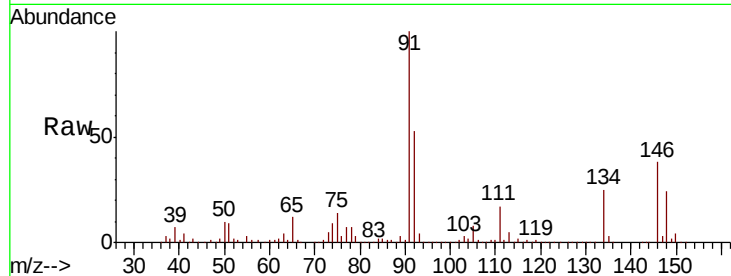




#89
n-Butylbenzene
Concen: 52.644 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

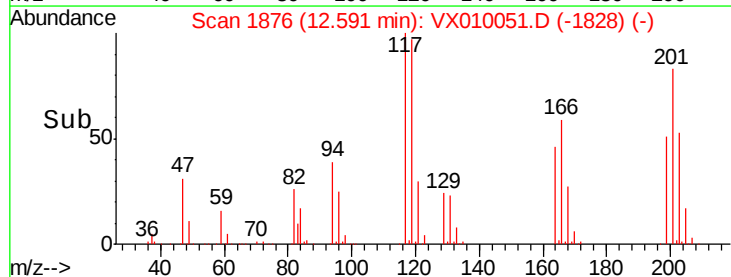
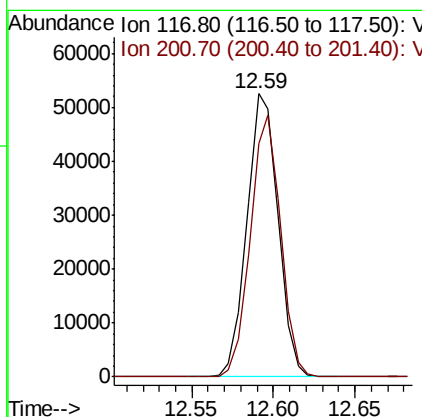
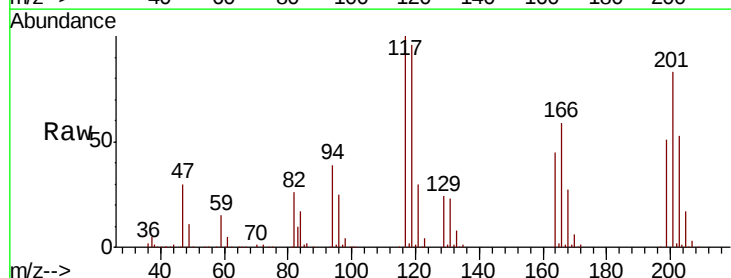
Instrument :
MSVOA_X
ClientSampled :

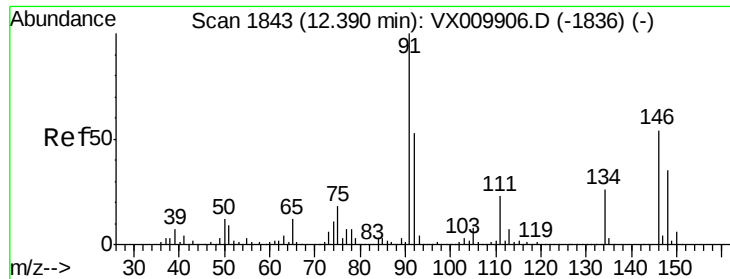
Tot Ion: 91 Resp: 387248
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.8
134 25.3 12.3 36.8



#90
Hexachloroethane
Concen: 52.166 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion: 117 Resp: 70073
Ion Ratio Lower Upper
117 100
201 89.7 43.6 130.9

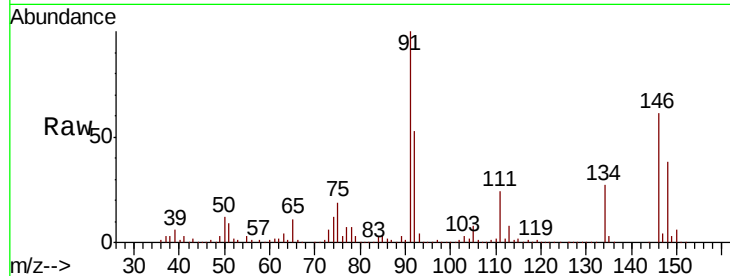




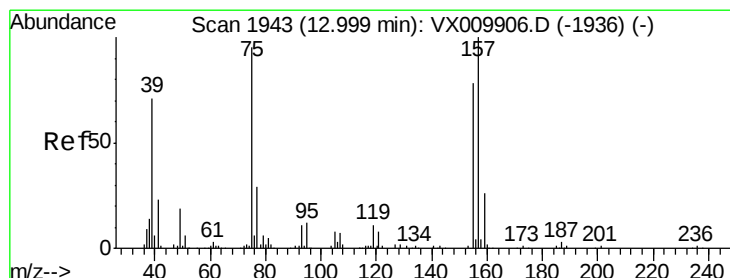
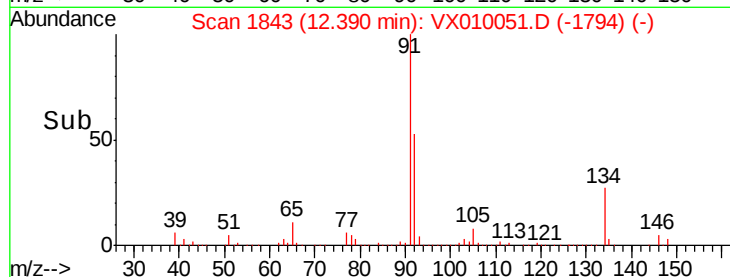
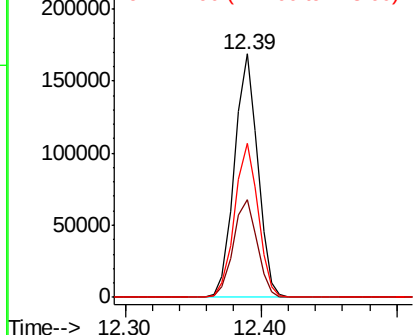
#91
1,2-Dichlorobenzene
Concen: 49.543 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 201128
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.1
148 64.1 32.3 96.8

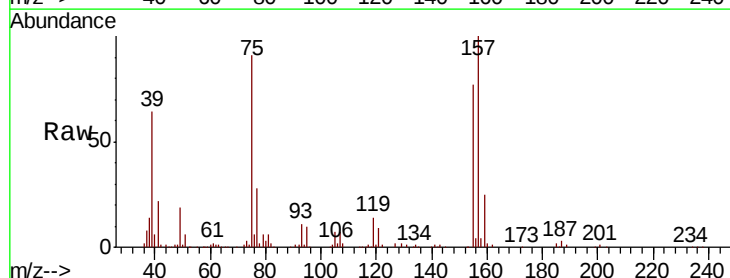


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

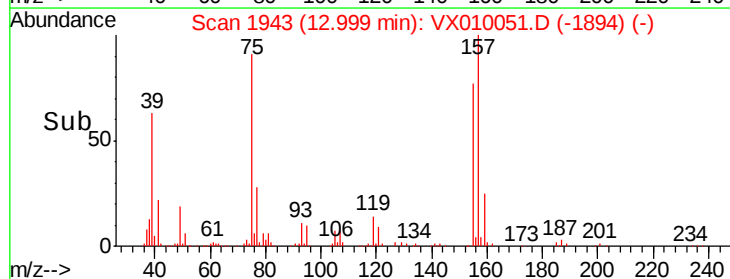
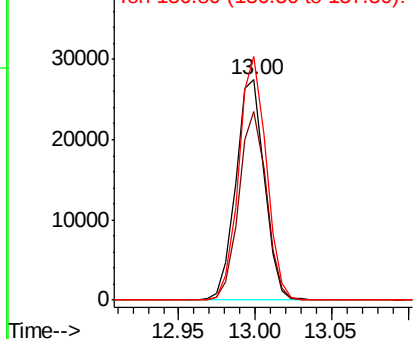


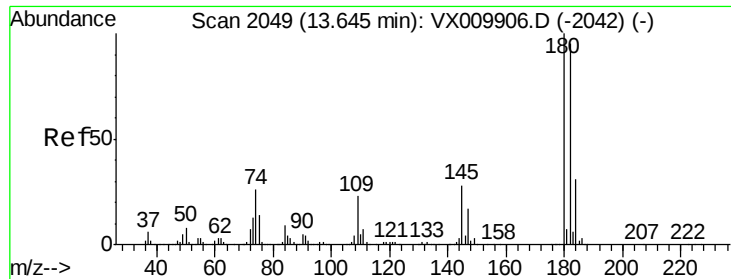
#92
1,2-Dibromo-3-Chloropropane
Concen: 44.622 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion: 75 Resp: 35562
Ion Ratio Lower Upper
75 100
155 82.3 39.3 117.8
157 106.1 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

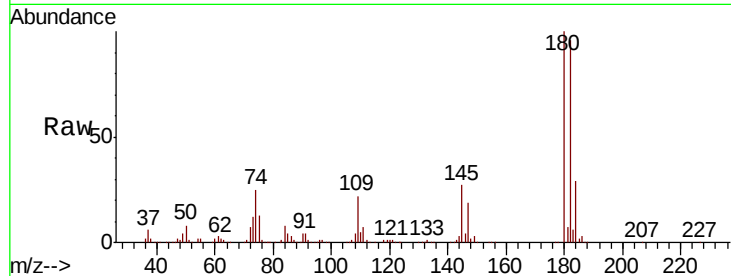




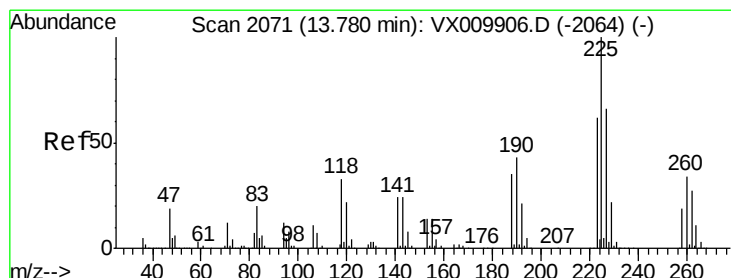
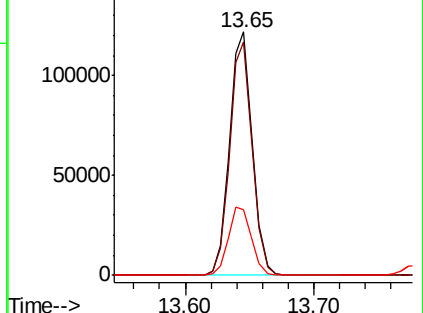
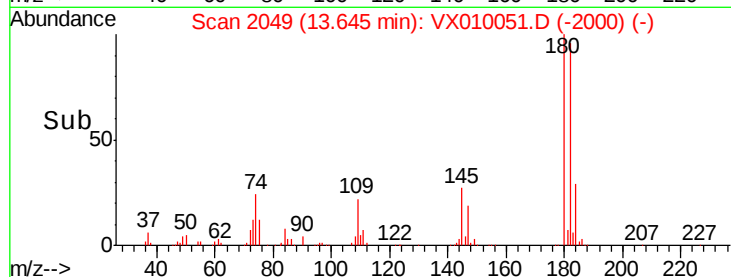
#93
 1,2,4-Trichlorobenzene
 Concen: 51.861 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 150455
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 28.6 14.5 43.5

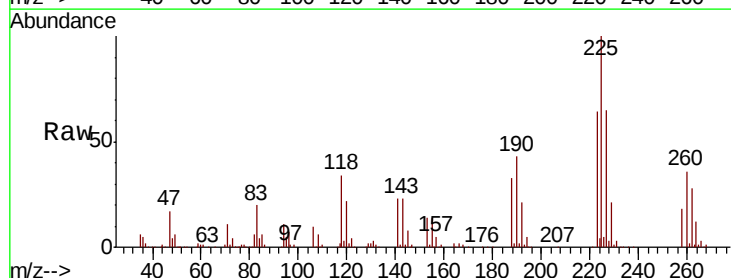


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

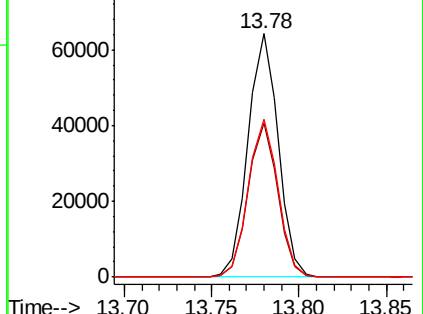
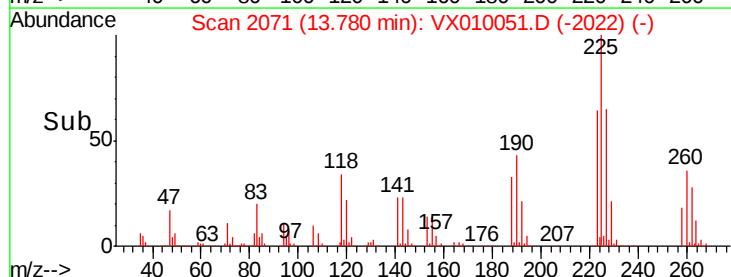


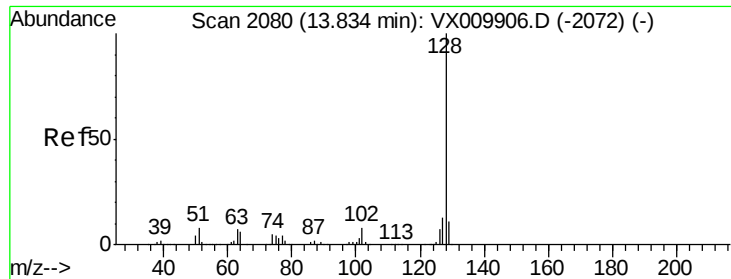
#94
 Hexachlorobutadiene
 Concen: 53.255 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010051.D
 Acq: 04 Jun 2019 10:25

Tgt Ion:225 Resp: 77493
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.8
 227 64.3 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

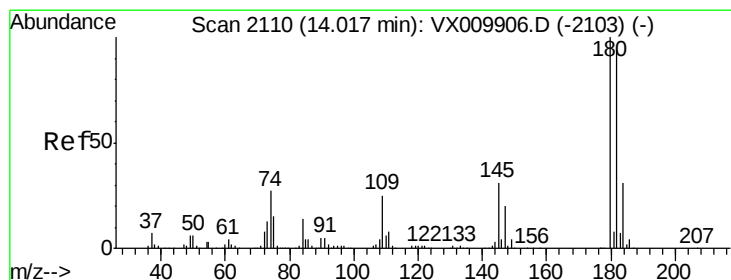
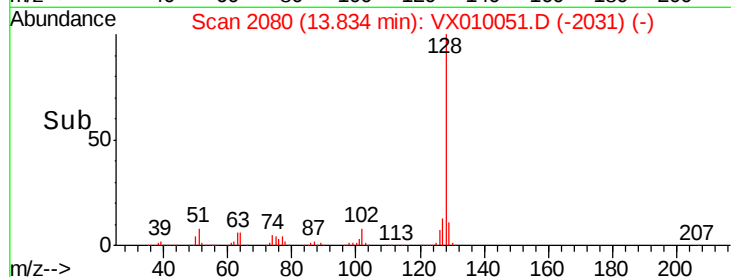
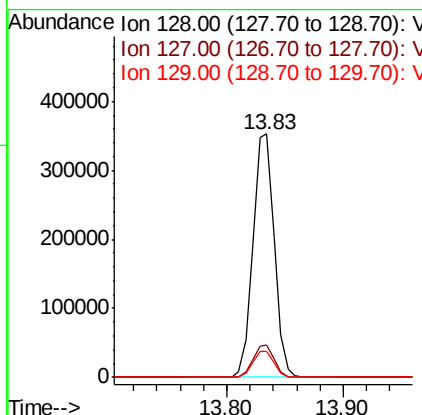
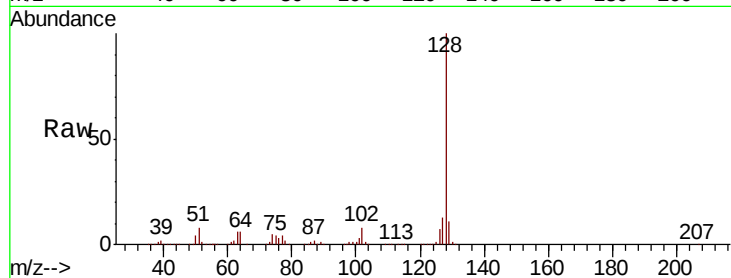




#95
Naphthalene
Concen: 49.764 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 449275
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.582 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010051.D
Acq: 04 Jun 2019 10:25

Tgt Ion:180 Resp: 146889
Ion Ratio Lower Upper
180 100
182 96.2 47.3 142.0
145 30.6 15.6 46.7

