

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
 Data File : VX005718.D
 Acq On : 31 Oct 2018 20:49
 Operator : JC/MD
 Sample : VX1031MBSD01
 Misc : 5.0µl/100µl/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 23:01:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	138632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	227192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	202305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102579	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	93205	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
35) Dibromofluoromethane	5.51	113	76600	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
50) Toluene-d8	8.71	98	264062	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.14	95	96494	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	35168	21.959	ug/l	94
3) Chloromethane	1.32	50	37332	19.763	ug/l	100
4) Vinyl Chloride	1.40	62	39154	19.922	ug/l	99
5) Bromomethane	1.64	94	41769	17.128	ug/l	99
6) Chloroethane	1.72	64	24050	20.901	ug/l	100
7) Trichlorofluoromethane	1.93	101	52217	20.699	ug/l	94
8) Diethyl Ether	2.19	74	22402	19.757	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30430	19.859	ug/l	93
10) Methyl Iodide	2.51	142	26117	18.771	ug/l	98
11) Tert butyl alcohol	3.07	59	57234	103.981	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29103	19.491	ug/l	92
13) Acrolein	2.29	56	31211	87.571	ug/l	96
14) Allyl chloride	2.73	41	56445	18.282	ug/l #	92
15) Acrylonitrile	3.15	53	113813	94.030	ug/l	98
16) Acetone	2.45	43	95335	85.340	ug/l #	89
17) Carbon Disulfide	2.57	76	84181	18.347	ug/l	100
18) Methyl Acetate	2.78	43	52763	18.139	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	108628	21.017	ug/l	98
20) Methylene Chloride	2.85	84	33592	19.219	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	30591	19.362	ug/l	94
22) Diisopropyl ether	3.87	45	112897	19.712	ug/l #	94
23) Vinyl Acetate	3.82	43	490845	98.394	ug/l	96
24) 1,1-Dichloroethane	3.69	63	61457	18.977	ug/l	97
25) 2-Butanone	4.70	43	161439	94.423	ug/l	96
26) 2,2-Dichloropropane	4.59	77	43674	18.040	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	35712	20.115	ug/l	99
28) Bromochloromethane	5.02	49	26903	17.027	ug/l	96
29) Tetrahydrofuran	5.15	42	102464	98.187	ug/l	92
30) Chloroform	5.21	83	60031	18.959	ug/l	99
31) Cyclohexane	5.57	56	55313	20.425	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	48911	19.302	ug/l	95
36) 1,1-Dichloropropene	5.80	75	46846	19.353	ug/l	99
37) Ethyl Acetate	4.85	43	57883	18.744	ug/l	97
38) Carbon Tetrachloride	5.78	117	42013	19.211	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	48969	19.398	ug/l	98
40) Benzene	6.15	78	137362	19.075	ug/l	99
41) Methacrylonitrile	5.06	41	30790	18.453	ug/l	92
42) 1,2-Dichloroethane	6.20	62	51522	19.356	ug/l	99
43) Isopropyl Acetate	6.46	43	84678	18.892	ug/l	96
44) Trichloroethene	7.21	130	31106	18.677	ug/l	87
45) 1,2-Dichloropropane	7.52	63	35582	19.281	ug/l	95
46) Dibromomethane	7.66	93	21919	18.585	ug/l	88
47) Bromodichloromethane	7.90	83	40965	18.518	ug/l	99
48) Methyl methacrylate	7.77	41	40508	18.673	ug/l	92
49) 1,4-Dioxane	7.76	88	18525	383.491	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	288565	94.419	ug/l	97
52) Toluene	8.79	92	78635	20.188	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	44281	18.470	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	50482	19.654	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	33496	19.802	ug/l	97
56) Ethyl methacrylate	9.18	69	51194	19.419	ug/l	96
57) 1,3-Dichloropropane	9.37	76	55883	19.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	141534	93.535	ug/l	95
59) 2-Hexanone	9.49	43	226224	90.957	ug/l	94
60) Dibromochloromethane	9.59	129	30030	18.372	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35045	20.332	ug/l	98
64) Tetrachloroethene	9.34	164	30005	20.301	ug/l	97
65) Chlorobenzene	10.14	112	83814	19.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	29176	19.825	ug/l	97
67) Ethyl Benzene	10.25	91	146791	20.007	ug/l	99
68) m/p-Xylenes	10.36	106	112298	41.191	ug/l	97
69) o-Xylene	10.70	106	53693	20.592	ug/l	98
70) Styrene	10.71	104	88531	20.442	ug/l	98
71) Bromoform	10.86	173	22105	18.538	ug/l #	98
73) Isopropylbenzene	11.02	105	144610	21.368	ug/l	100
74) N-amyl acetate	10.90	43	71256	19.776	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	54863	19.540	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	62323	24.394	ug/l	86
77) Bromobenzene	11.26	156	35084	20.898	ug/l	89
78) n-propylbenzene	11.36	91	174286	21.170	ug/l	97
79) 2-Chlorotoluene	11.42	91	103512	21.051	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	123823	21.549	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14642	18.517	ug/l	94
82) 4-Chlorotoluene	11.51	91	123016	20.956	ug/l	96
83) tert-Butylbenzene	11.77	119	116923	21.326	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	126696	21.835	ug/l	97
85) sec-Butylbenzene	11.94	105	147740	21.007	ug/l	97
86) p-Isopropyltoluene	12.07	119	126363	21.126	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	65555	20.195	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	66999	19.213	ug/l	97
89) n-Butylbenzene	12.39	91	119571	19.813	ug/l	98
90) Hexachloroethane	12.60	117	19884	18.737	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	65307	19.258	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12945	19.658	ug/l	88

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Instrument :
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ClientSampleId :

Quant Time: Oct 31 23:01:12 2018
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

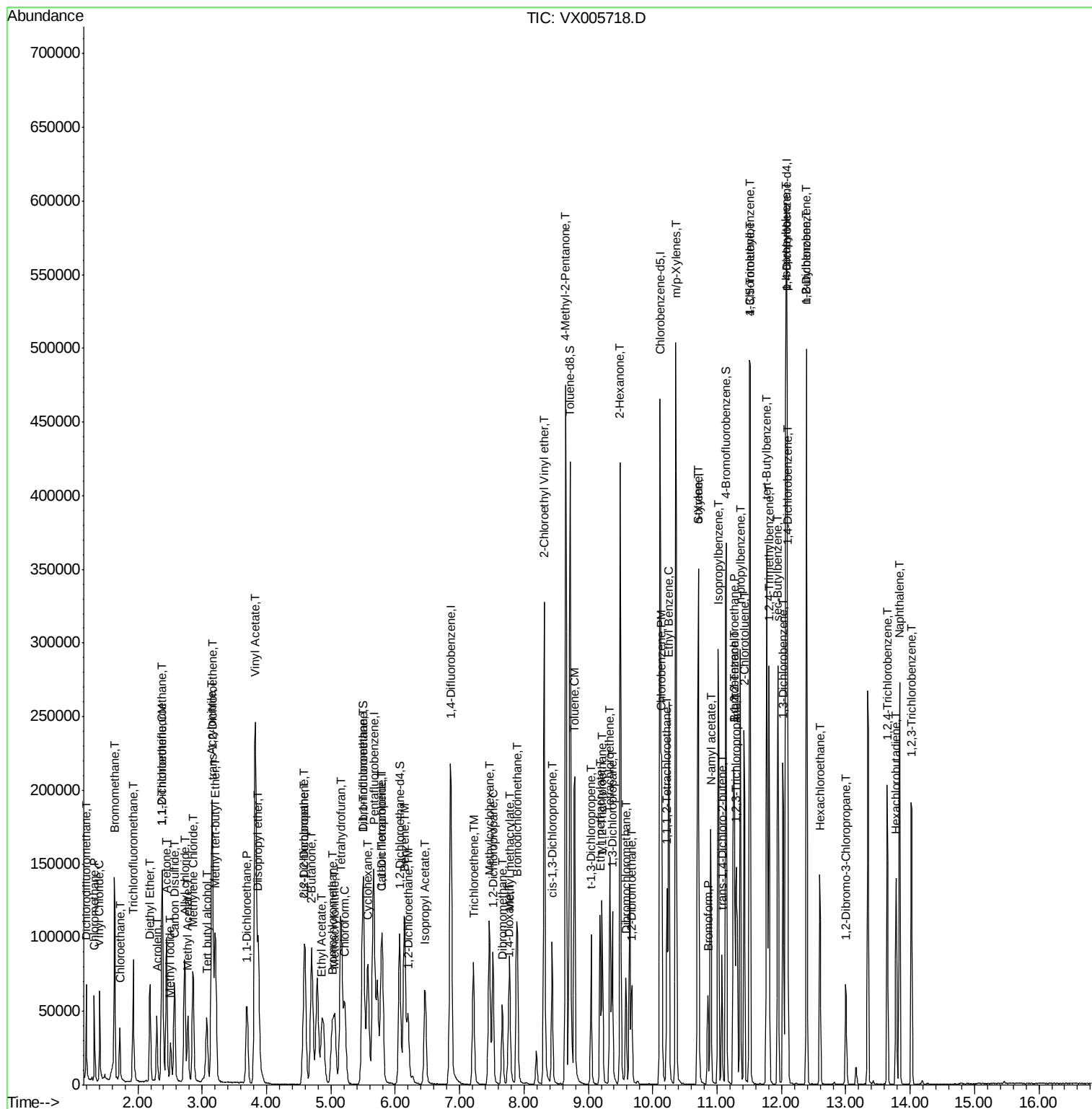
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44131	20.290	ug/l	97
94) Hexachlorobutadiene	13.79	225	20091	19.094	ug/l	98
95) Naphthalene	13.83	128	156002	21.809	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45964	20.758	ug/l	99

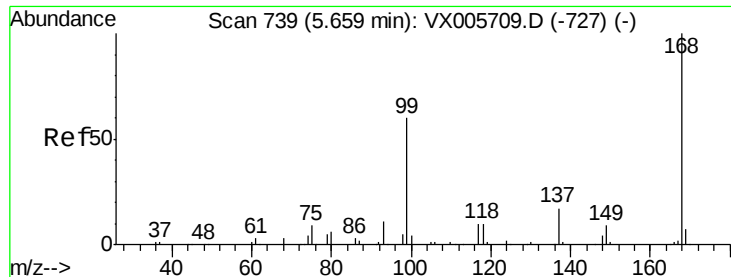
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

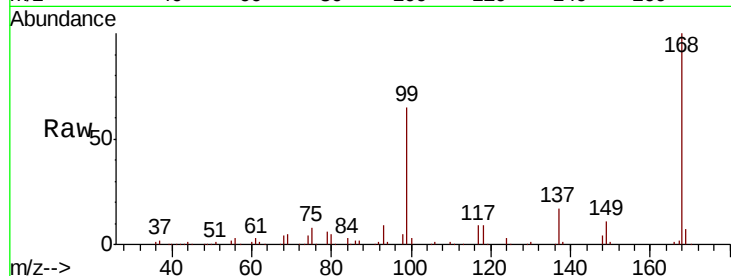
ClientSampled :

Tot Ion:168 Resp: 138632

Ion Ratio Lower Upper

168 100

99 64.7 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

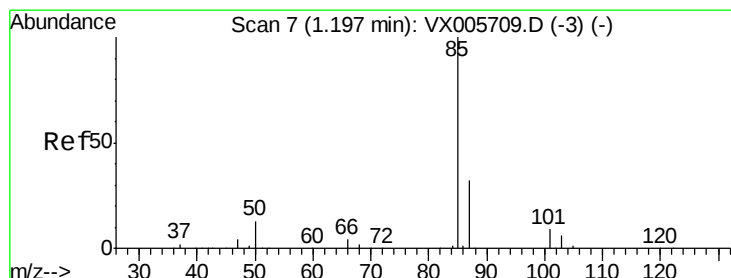
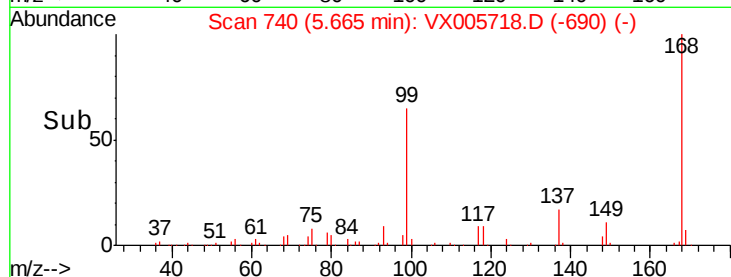
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.959 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005718.D

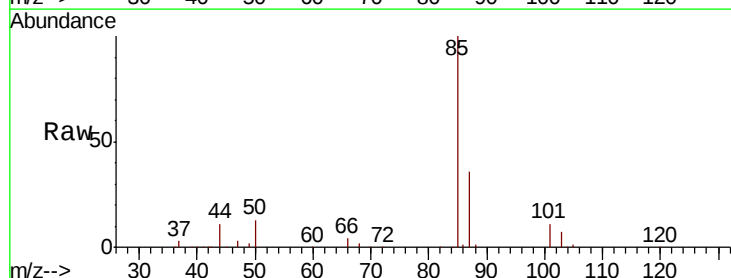
Acq: 31 Oct 2018 20:49

Tgt Ion: 85 Resp: 35168

Ion Ratio Lower Upper

85 100

87 36.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

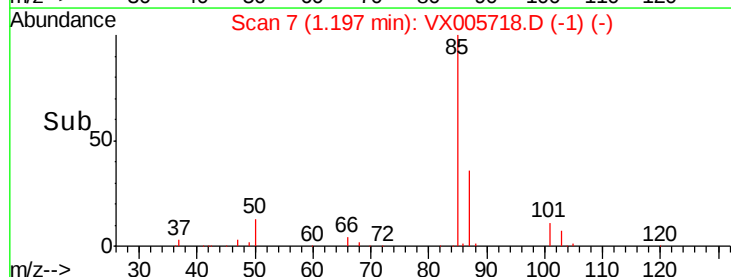
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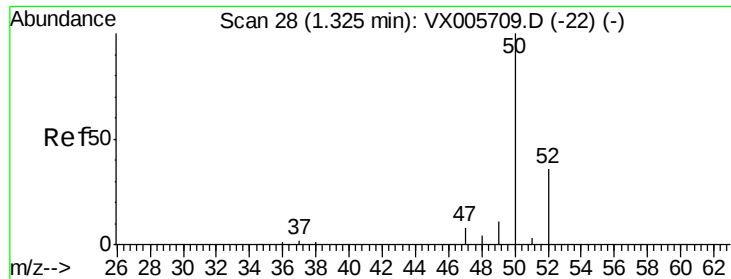
20000

10000

0

Time--> 1.15 1.20 1.25

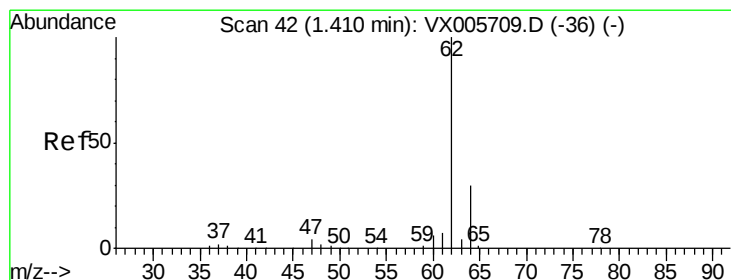
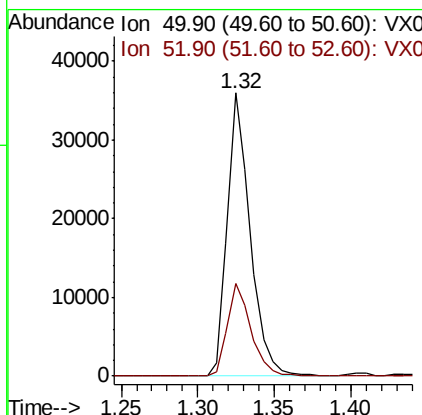
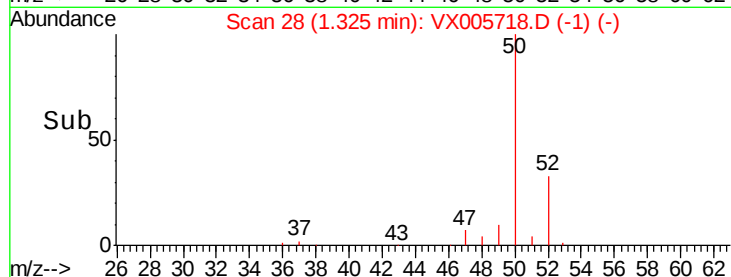
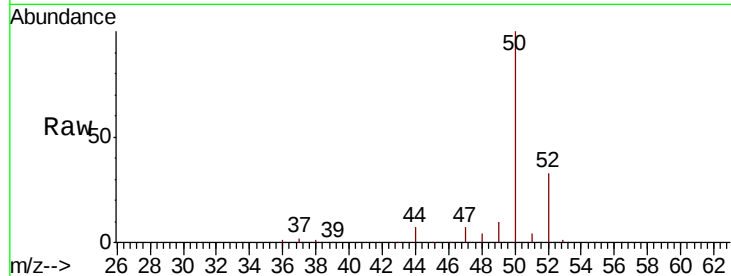




#3
Chloromethane
Concen: 19.763 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

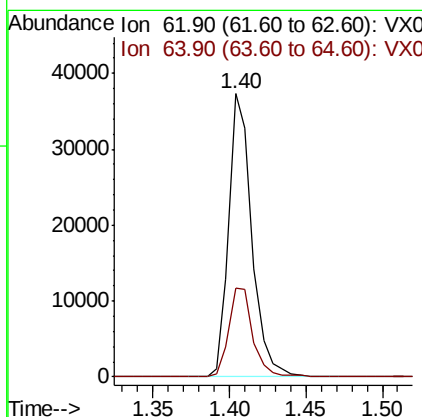
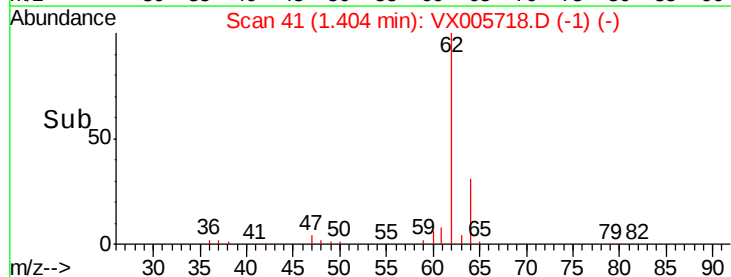
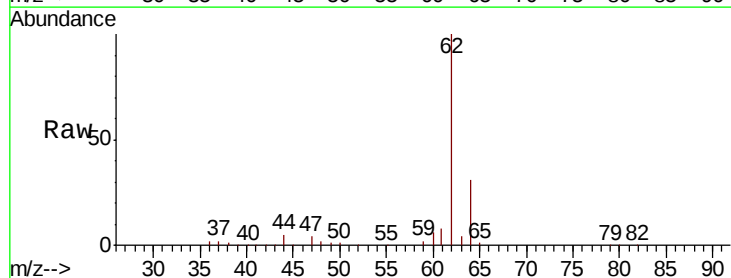
Instrument :
MSVOA_X
ClientSampleId :

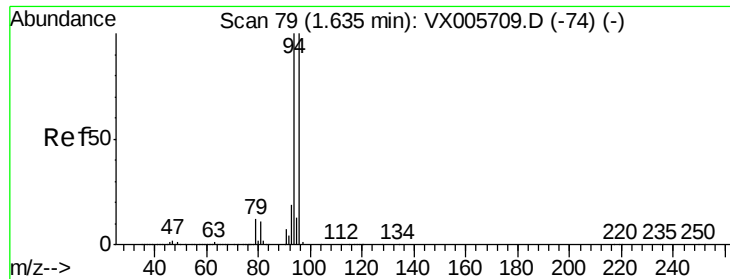
Tot Ion: 50 Resp: 37332
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.2



#4
Vinyl Chloride
Concen: 19.922 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion: 62 Resp: 39154
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9





#5

Bromomethane

Concen: 17.128 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

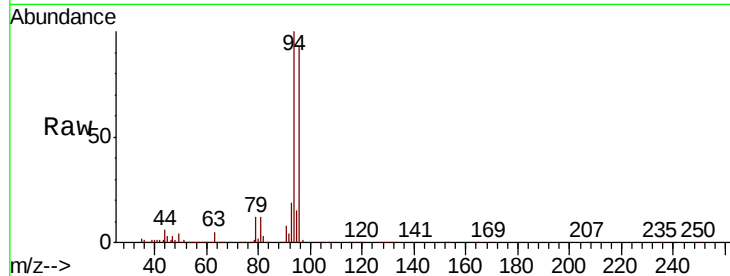
ClientSampled :

Tot Ion: 94 Resp: 41769

Ion Ratio Lower Upper

94 100

96 93.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

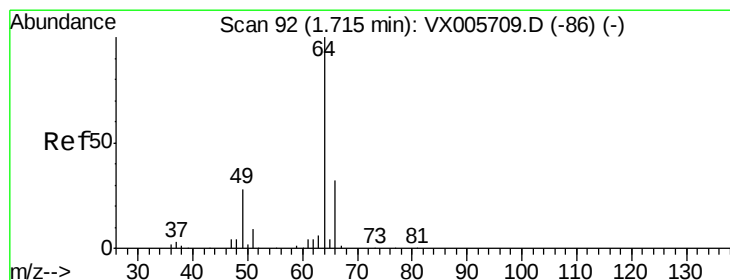
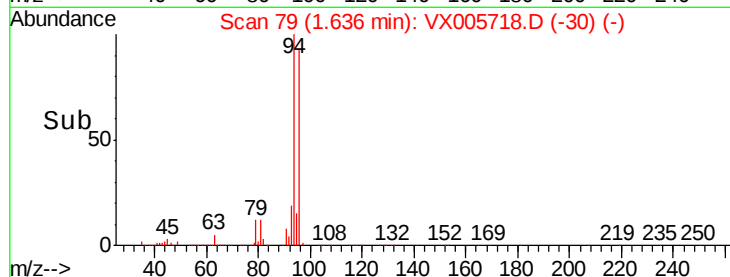
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 20.901 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005718.D

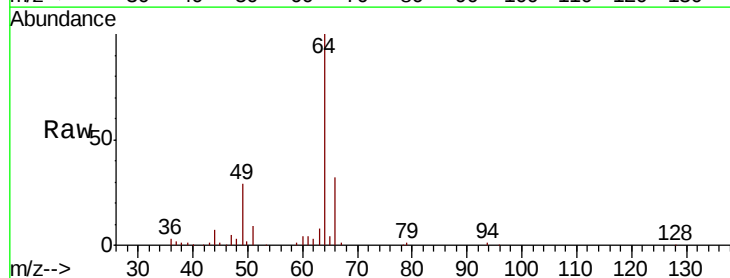
Acq: 31 Oct 2018 20:49

Tgt Ion: 64 Resp: 24050

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

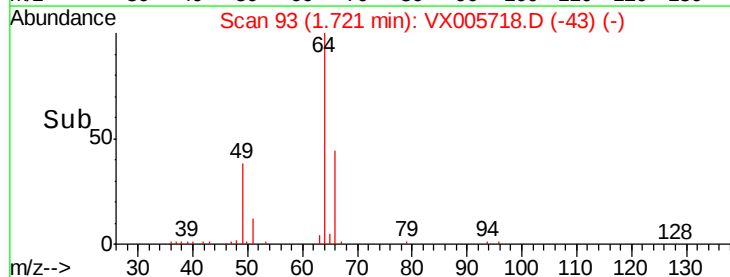
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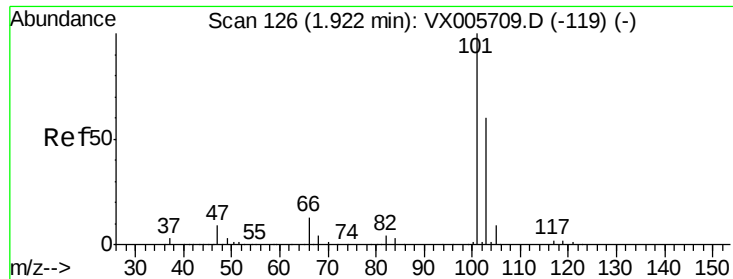
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



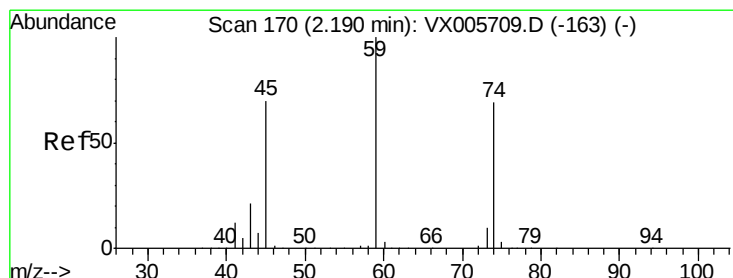
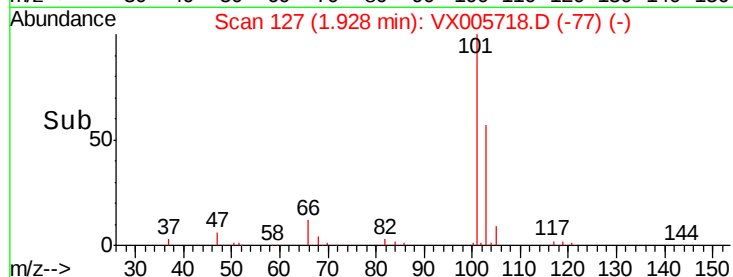
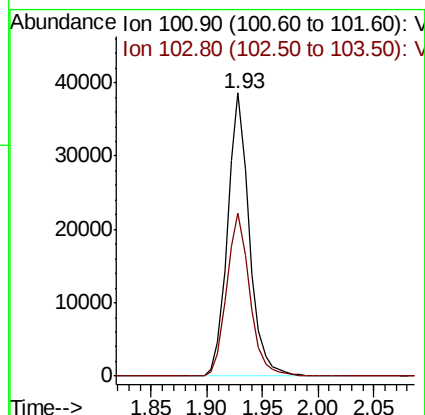
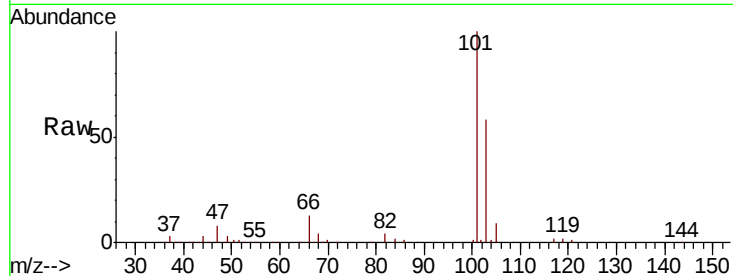


#7

Trichlorofluoromethane
 Concen: 20.699 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Instrument :
 MSVOA_X
 ClientSampleId :

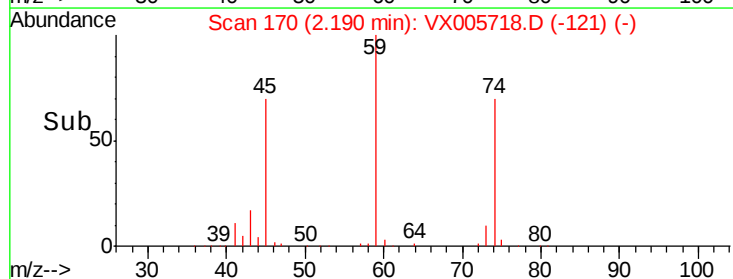
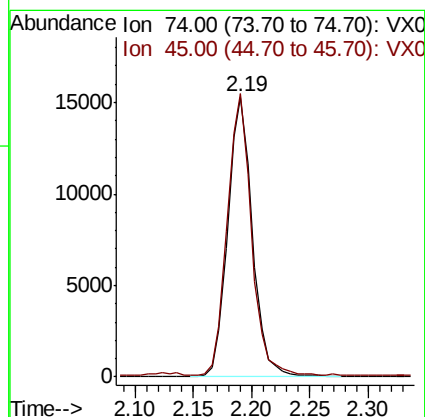
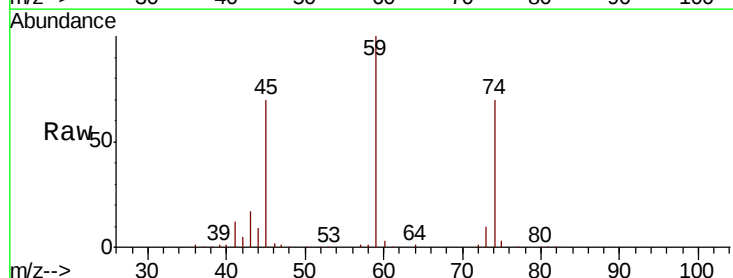
Tot Ion:101 Resp: 52217
 Ion Ratio Lower Upper
 101 100
 103 57.6 50.0 75.0

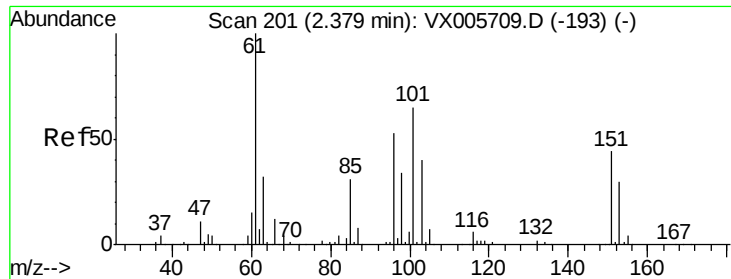


#8

Diethyl Ether
 Concen: 19.757 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Tgt Ion: 74 Resp: 22402
 Ion Ratio Lower Upper
 74 100
 45 99.1 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.859 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

ClientSampleId :

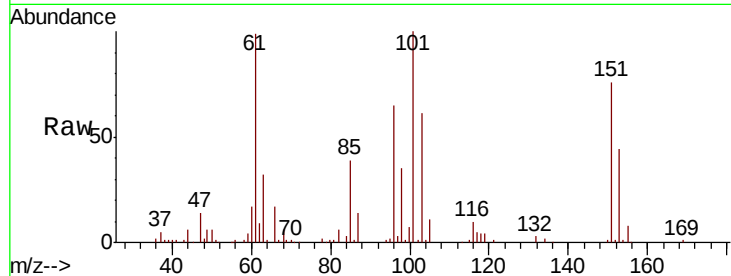
Tot Ion:101 Resp: 30430

Ion Ratio Lower Upper

101 100

85 44.9 35.0 52.4

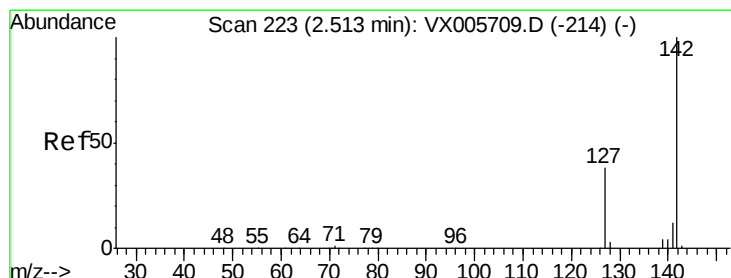
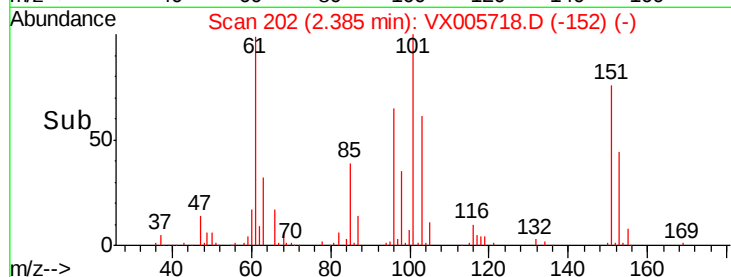
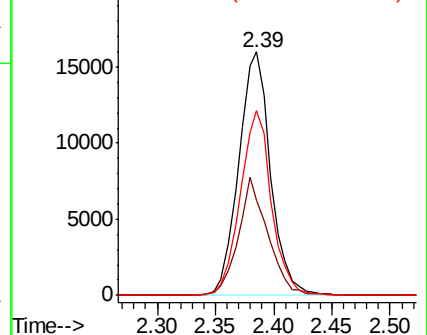
151 74.4 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.771 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

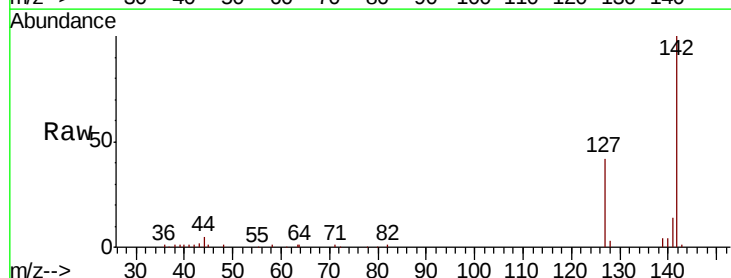
Tgt Ion:142 Resp: 26117

Ion Ratio Lower Upper

142 100

127 43.7 36.0 54.0

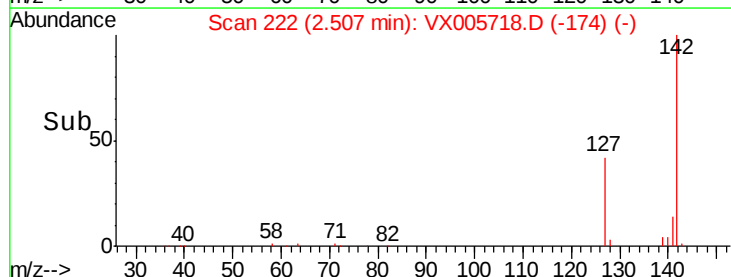
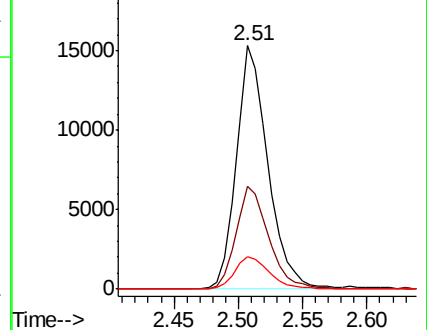
141 14.8 11.7 17.5

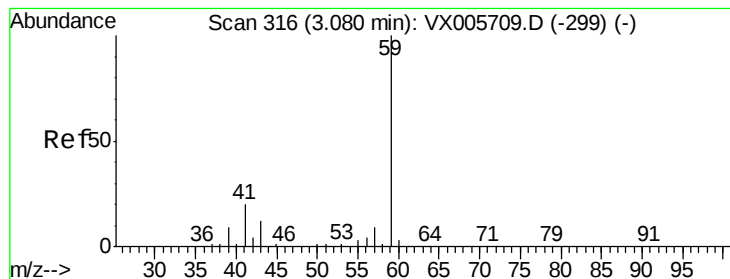


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



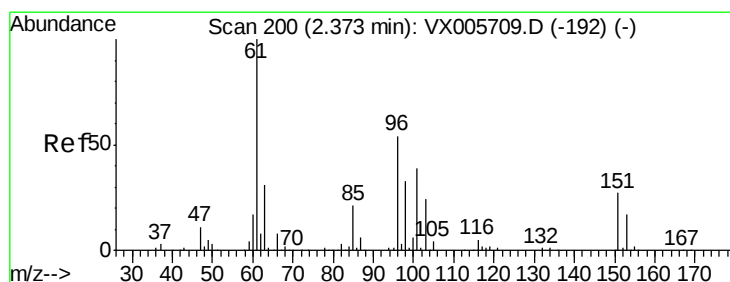
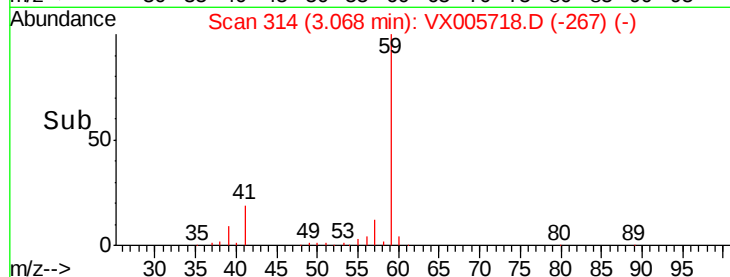
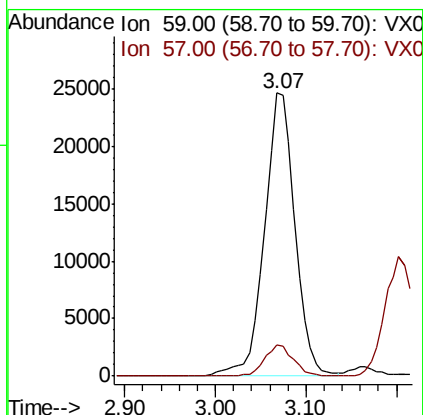
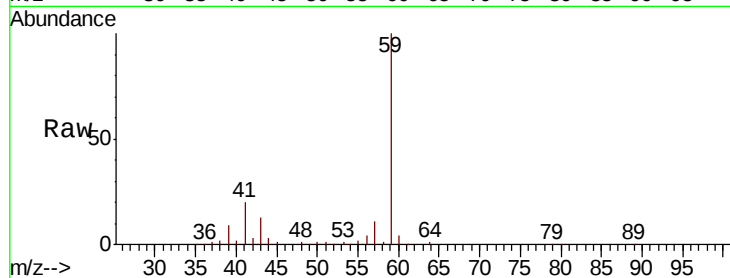


#11

Tert butyl alcohol
 Concen: 103.981 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Instrument :
 MSVOA_X
 ClientSampled :

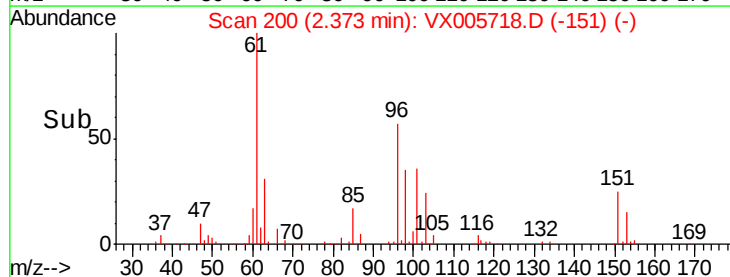
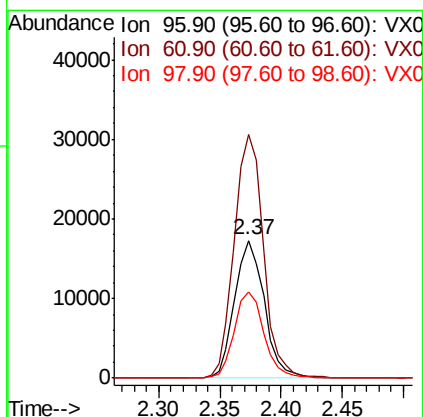
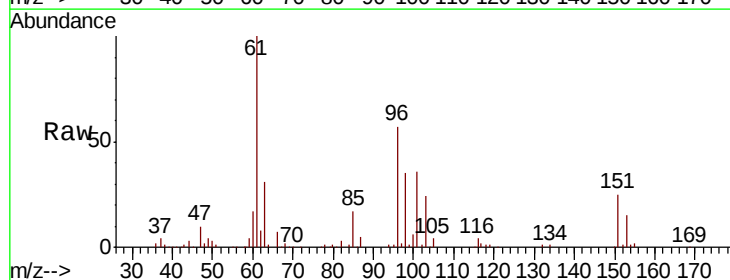
Tot Ion: 59 Resp: 57234
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

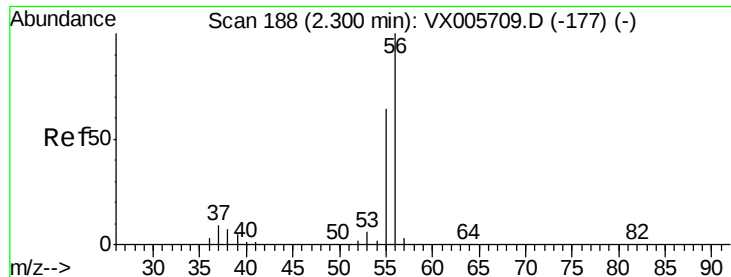


#12

1,1-Dichloroethene
 Concen: 19.491 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Tgt Ion: 96 Resp: 29103
 Ion Ratio Lower Upper
 96 100
 61 176.8 131.8 197.8
 98 62.8 53.4 80.2





#13

Acrolein

Concen: 87.571 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

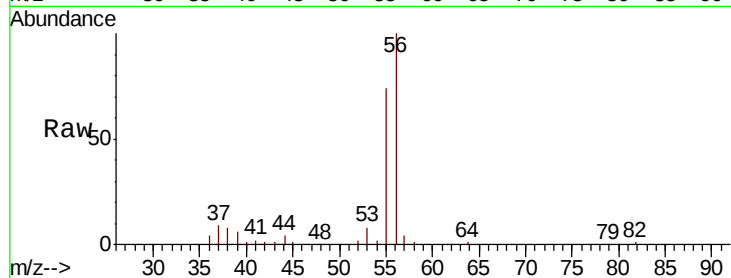
ClientSampleId :

Tot Ion: 56 Resp: 31211

Ion Ratio Lower Upper

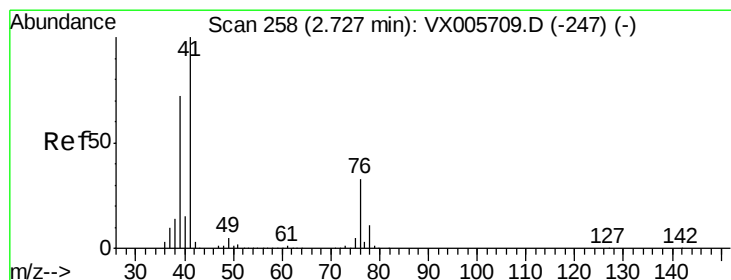
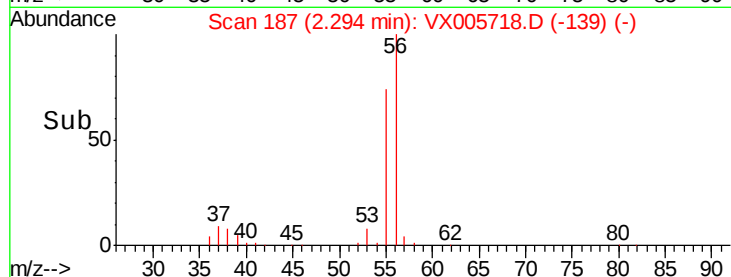
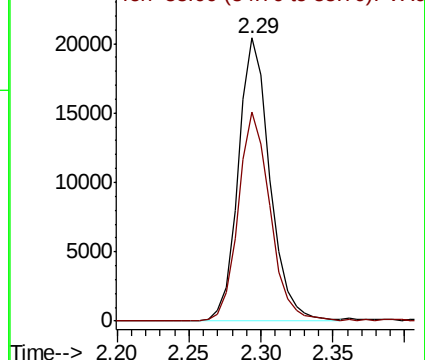
56 100

55 75.0 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.282 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

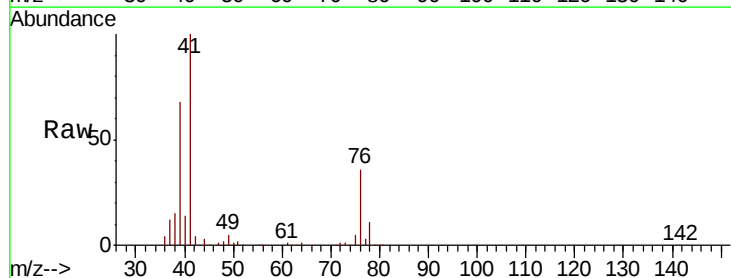
Tgt Ion: 41 Resp: 56445

Ion Ratio Lower Upper

41 100

39 64.7 48.2 72.4

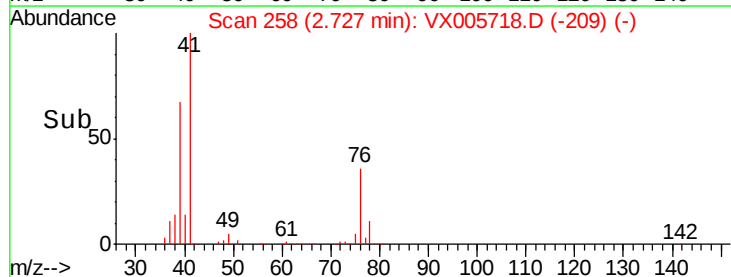
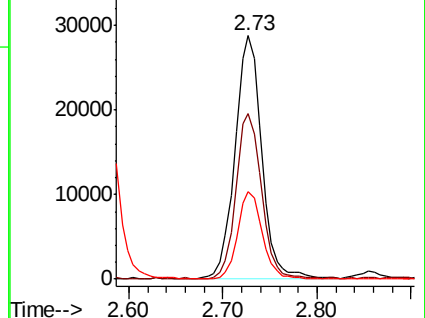
76 33.5 21.9 32.9#



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: 94.030 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampled :

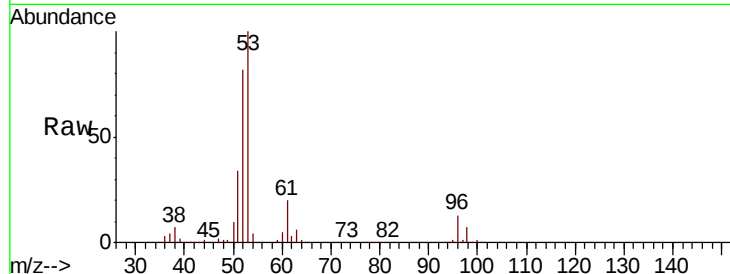
Tot Ion: 53 Resp: 113813

Ion Ratio Lower Upper

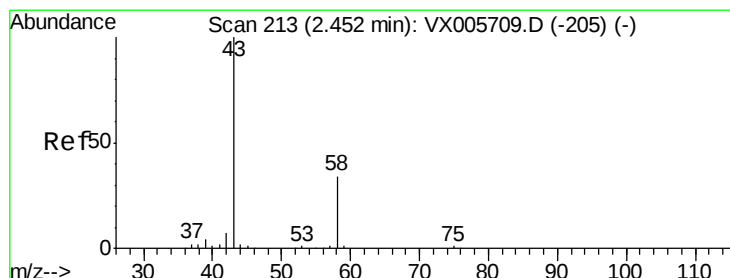
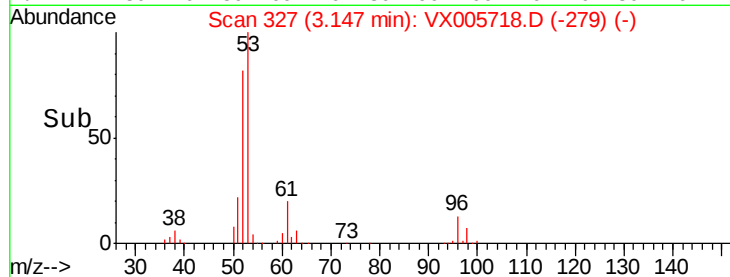
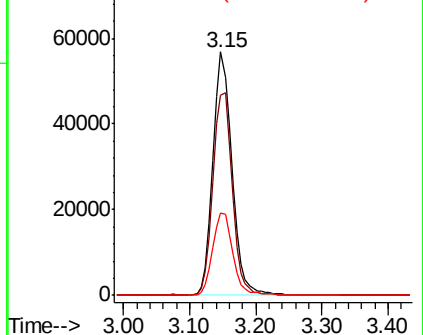
53 100

52 84.9 66.6 99.8

51 36.2 28.4 42.6



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: 85.340 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005718.D

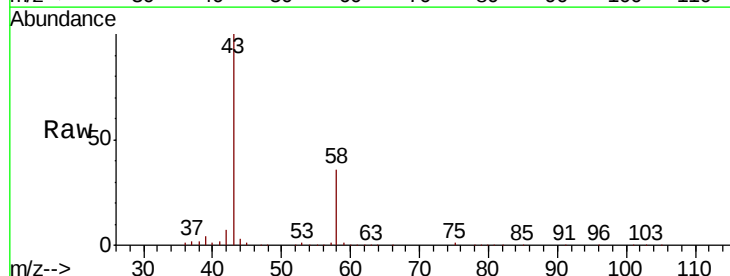
Acq: 31 Oct 2018 20:49

Tgt Ion: 43 Resp: 95335

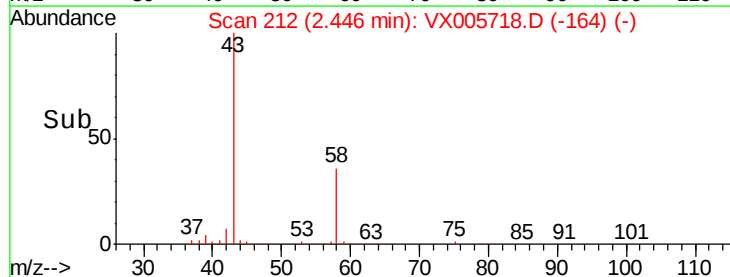
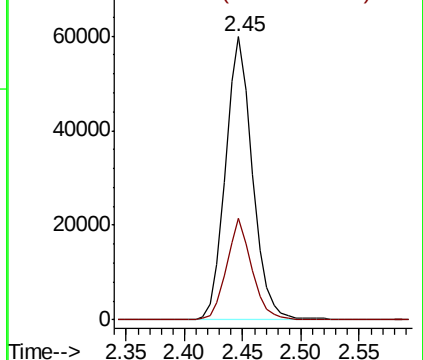
Ion Ratio Lower Upper

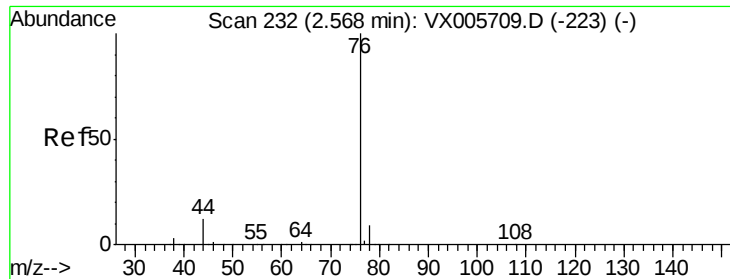
43 100

58 35.8 23.8 35.6#



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

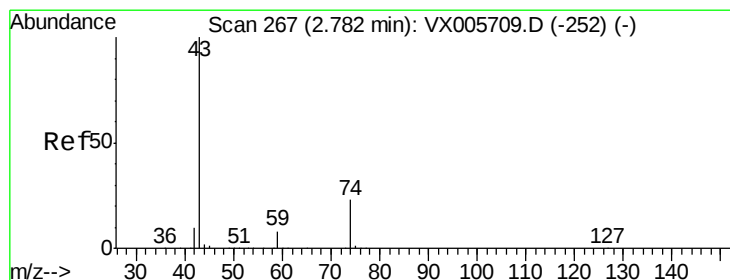
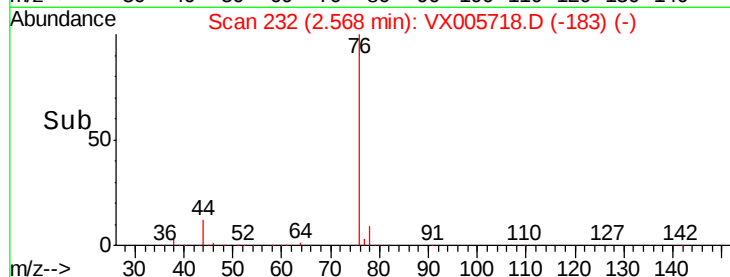
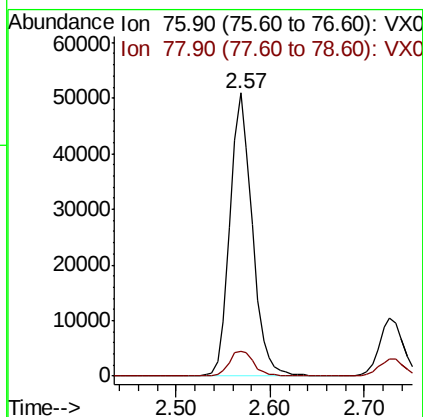
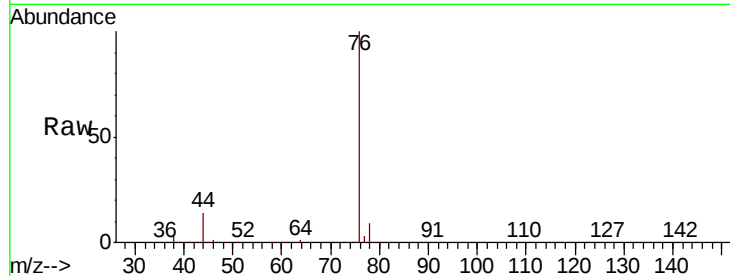




#17
Carbon Disulfide
Concen: 18.347 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

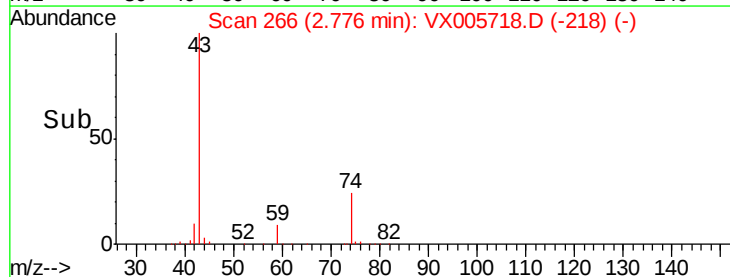
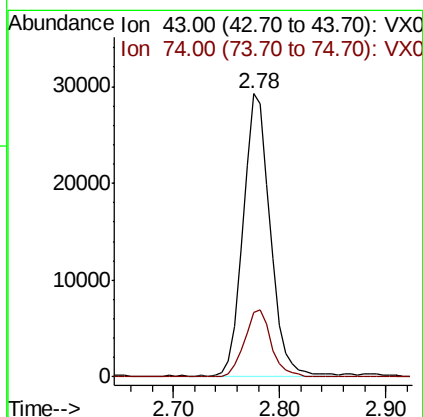
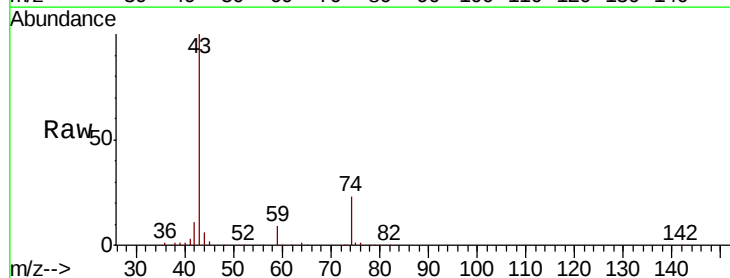
Instrument :
MSVOA_X
ClientSampled :

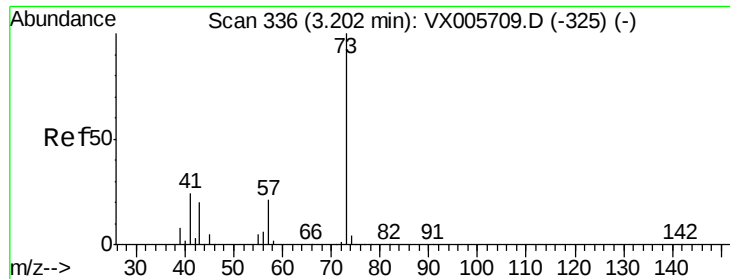
Tot Ion: 76 Resp: 84181
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 18.139 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion: 43 Resp: 52763
Ion Ratio Lower Upper
43 100
74 23.8 16.8 25.2



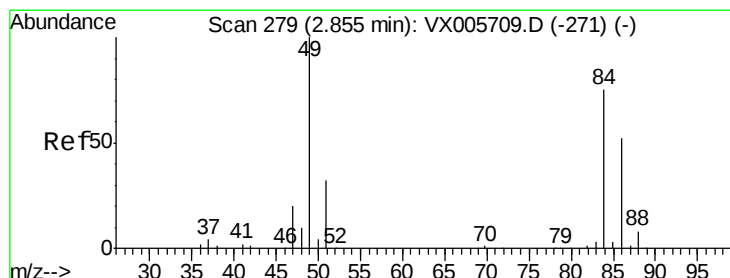
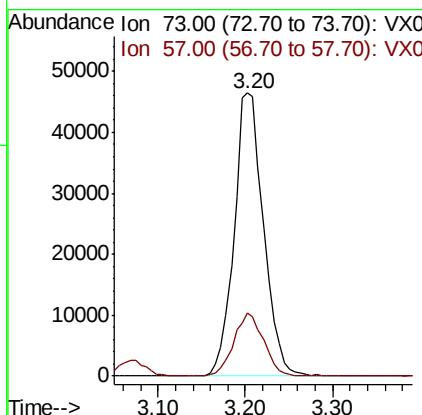
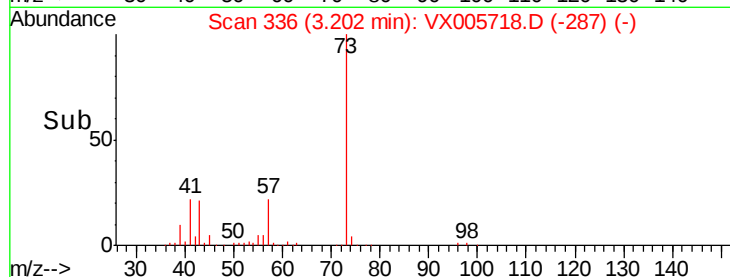
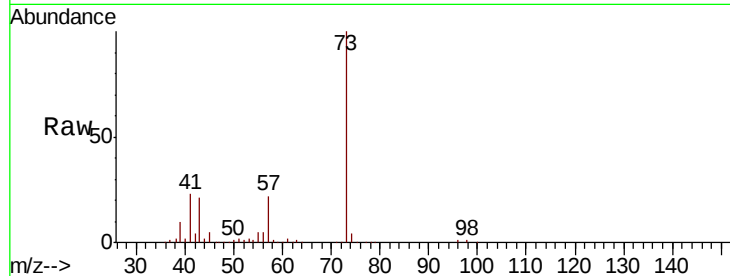


#19

Methyl tert-butyl Ether
 Concen: 21.017 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Instrument :
 MSVOA_X
 ClientSampled :

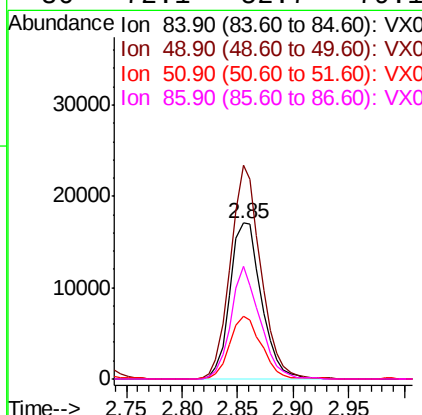
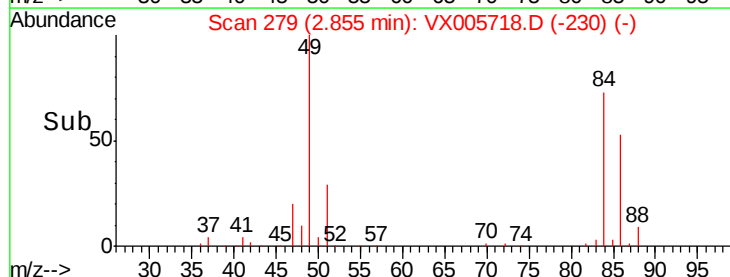
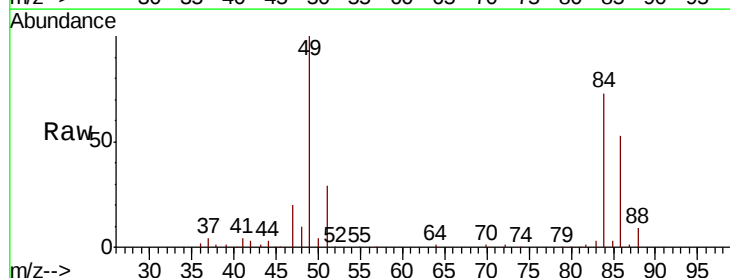
Tot Ion: 73 Resp: 108628
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.8 28.2

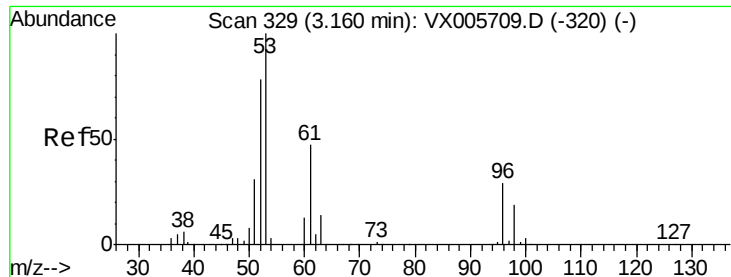


#20

Methylene Chloride
 Concen: 19.219 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Tgt Ion: 84 Resp: 33592
 Ion Ratio Lower Upper
 84 100
 49 137.1 109.5 164.3
 51 40.3 33.3 49.9
 86 72.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.362 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

ClientSampleId :

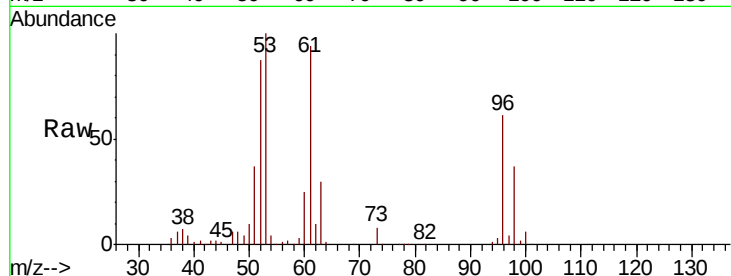
Tot Ion: 96 Resp: 30591

Ion Ratio Lower Upper

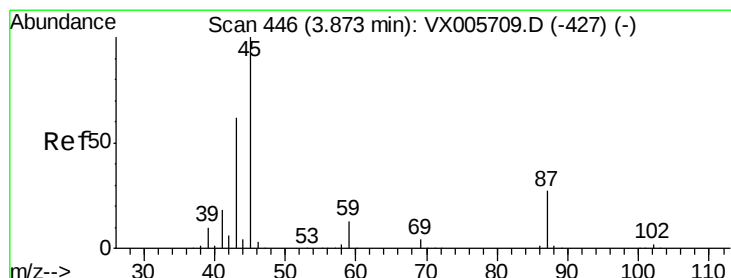
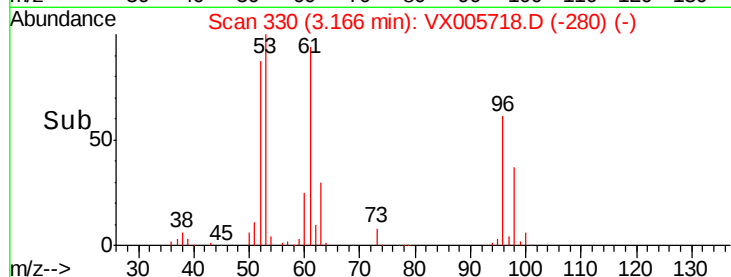
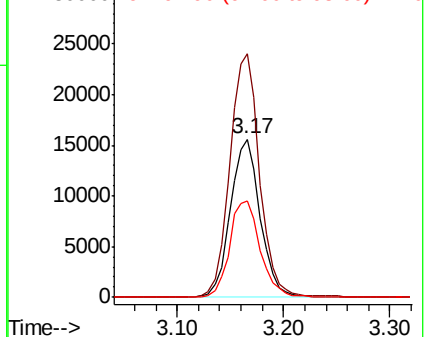
96 100

61 153.7 115.6 173.4

98 60.9 50.2 75.2



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



#22

Diisopropyl ether

Concen: 19.712 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Tgt Ion: 45 Resp: 112897

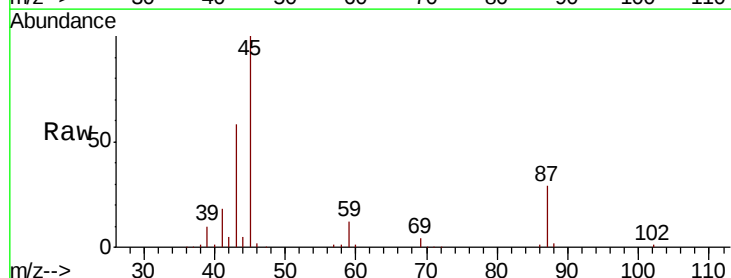
Ion Ratio Lower Upper

45 100

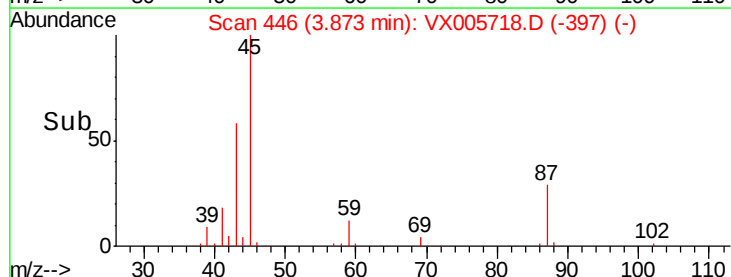
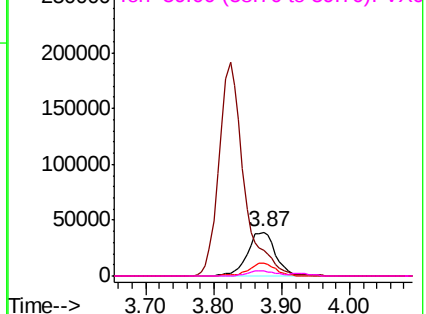
43 57.9 47.4 71.2

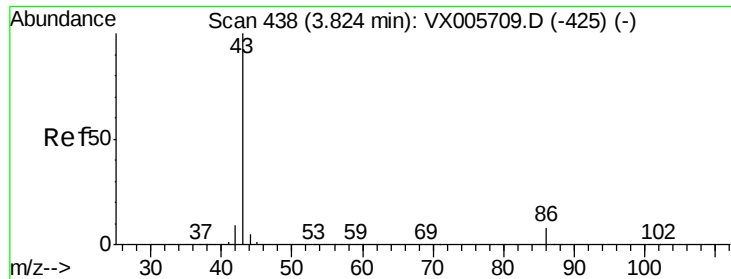
87 29.2 15.9 23.9#

59 11.7 7.7 11.5#



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





#23

Vinyl Acetate

Concen: 98.394 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

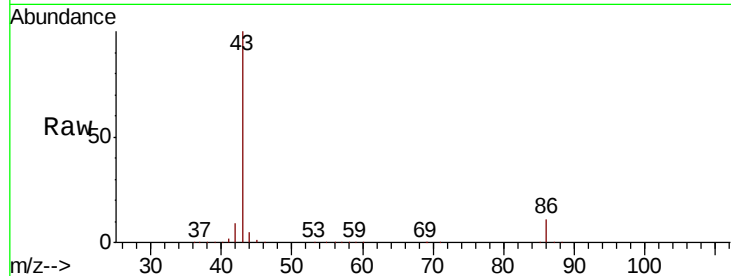
ClientSampleId :

Tot Ion: 43 Resp: 490845

Ion Ratio Lower Upper

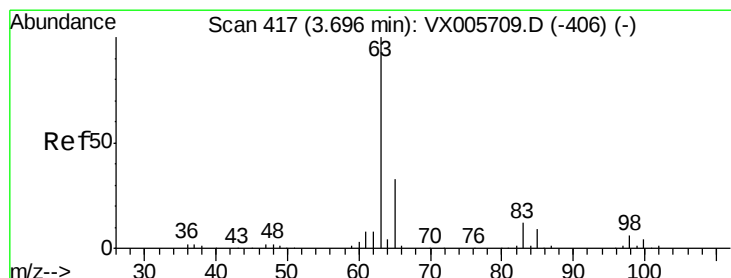
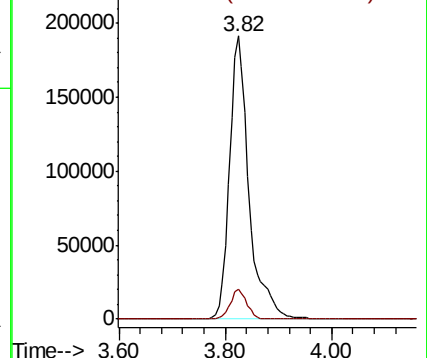
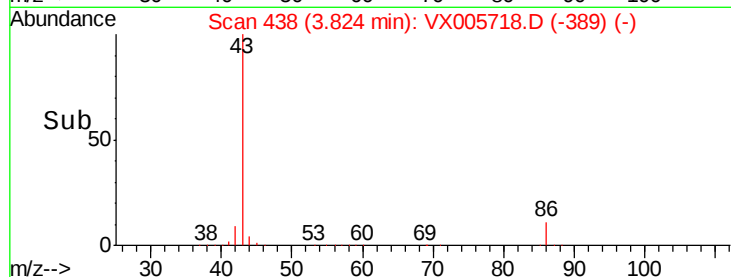
43 100

86 10.6 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005718.D (-389) (-)

Ion 86.00 (85.70 to 86.70): VX005718.D (-389) (-)



#24

1,1-Dichloroethane

Concen: 18.977 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

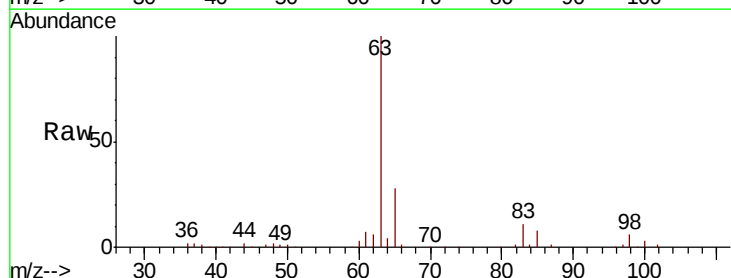
Tgt Ion: 63 Resp: 61457

Ion Ratio Lower Upper

63 100

98 5.7 3.2 9.6

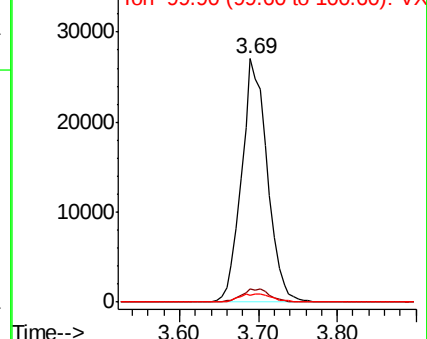
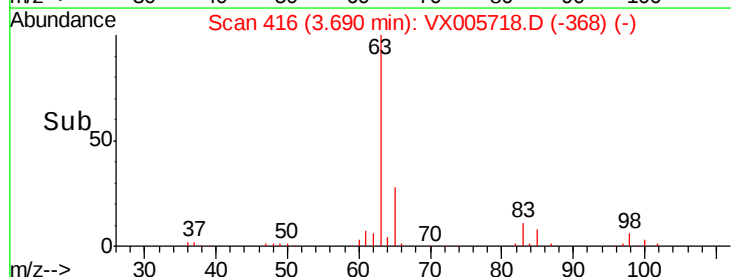
100 2.9 2.1 6.2

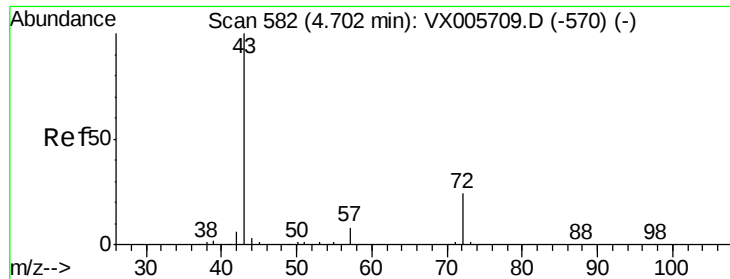


Abundance Ion 62.90 (62.60 to 63.60): VX005718.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX005718.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX005718.D (-368) (-)

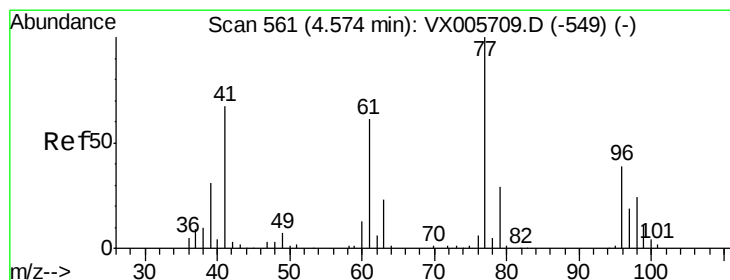
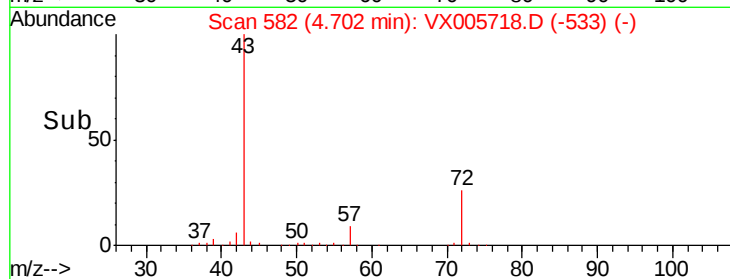
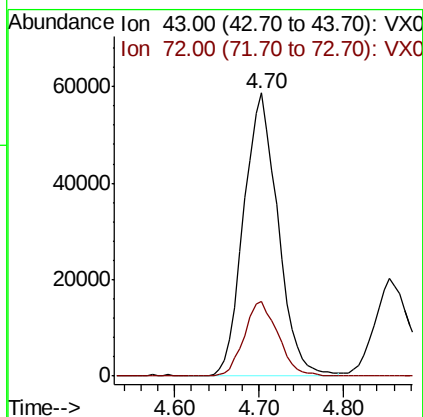
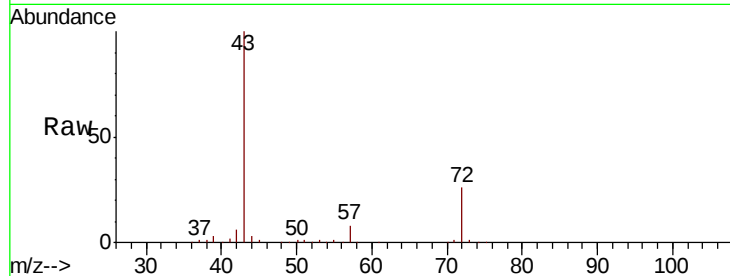




#25
2-Butanone
Concen: 94.423 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

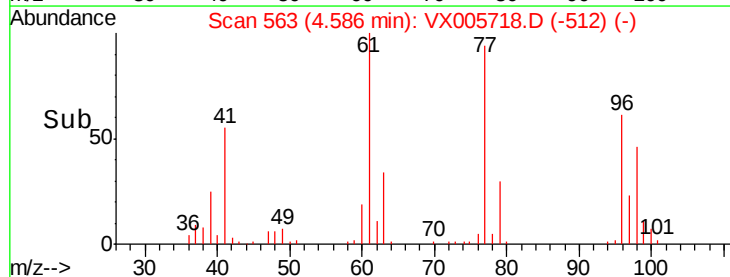
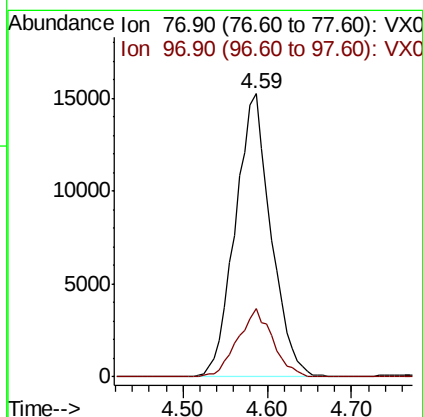
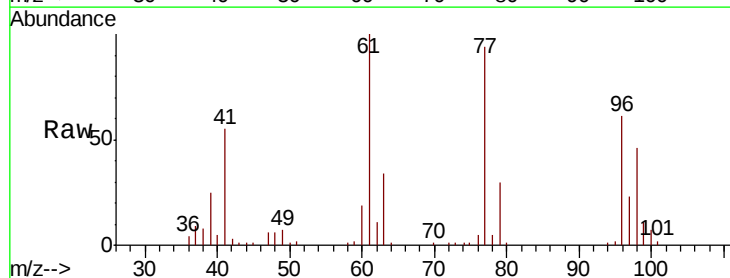
Instrument :
MSVOA_X
ClientSampleId :

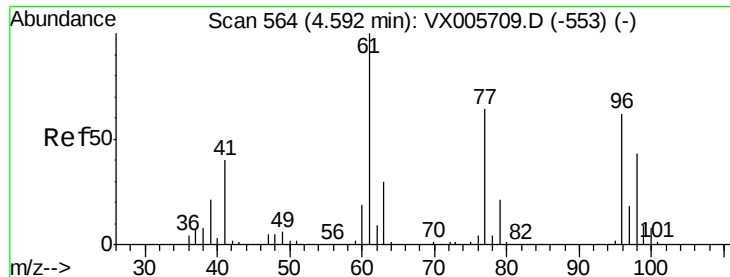
Tot Ion: 43 Resp: 161439
Ion Ratio Lower Upper
43 100
72 26.1 19.2 28.8



#26
2,2-Dichloropropane
Concen: 18.040 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.01 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion: 77 Resp: 43674
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5



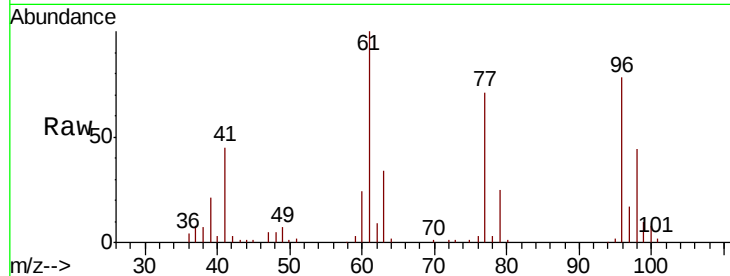


#27

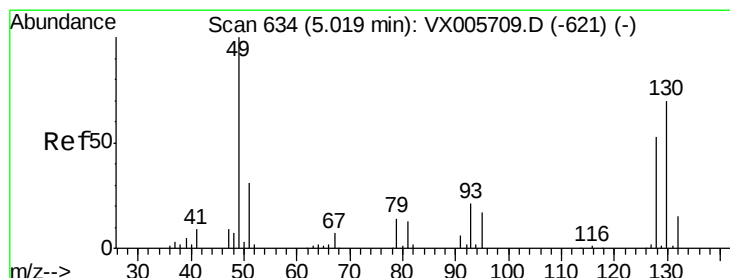
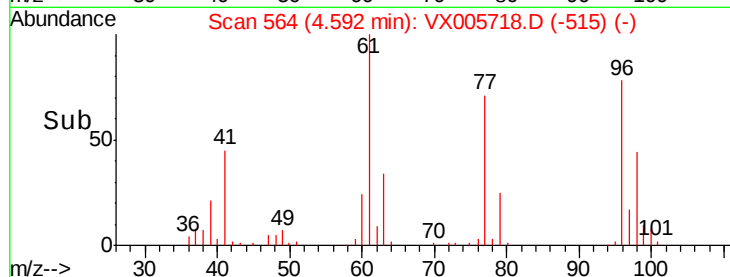
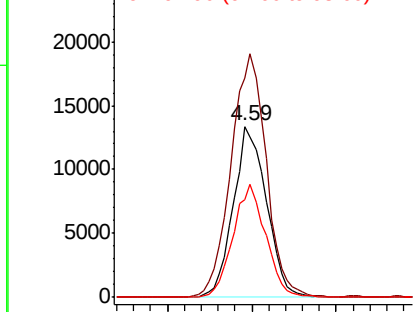
cis-1,2-Dichloroethene
Concen: 20.115 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 35712
Ion Ratio Lower Upper
96 100
61 151.5 0.0 304.6
98 64.9 0.0 127.4



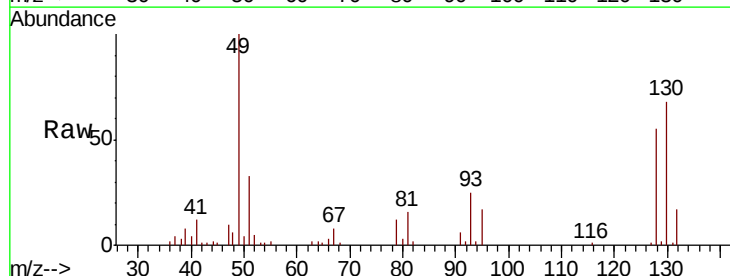
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



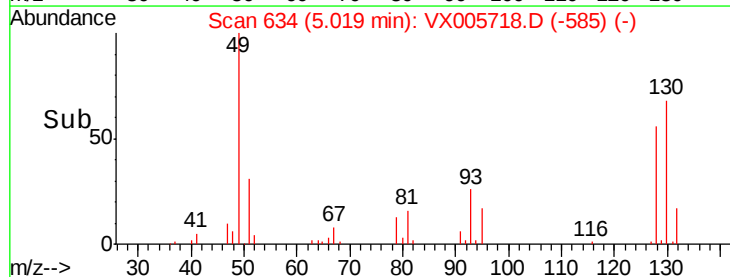
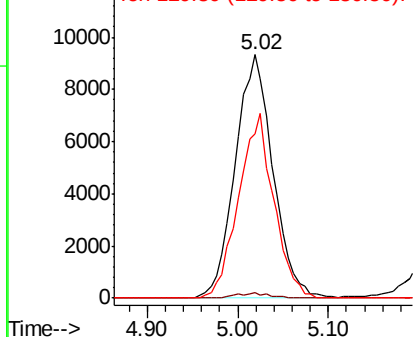
#28

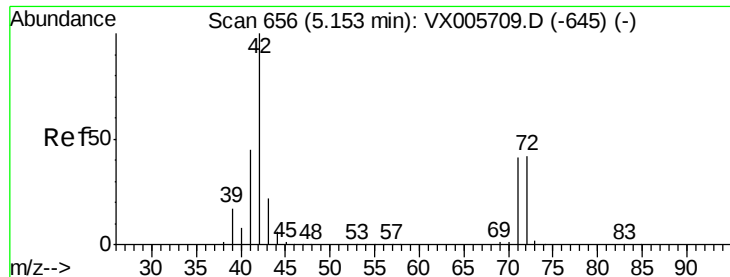
Bromochloromethane
Concen: 17.027 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion: 49 Resp: 26903
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 70.4 58.9 88.3



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

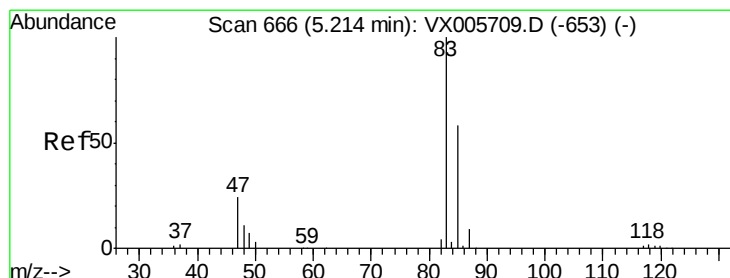
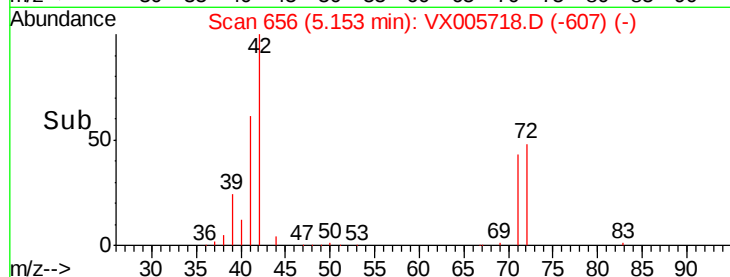
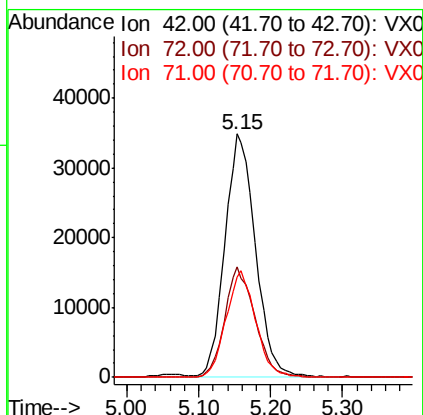
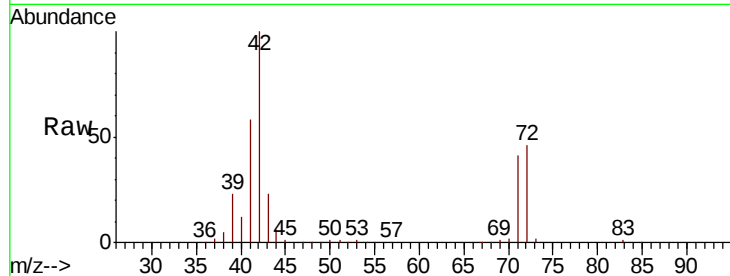




#29
Tetrahydrofuran
Concen: 98.187 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

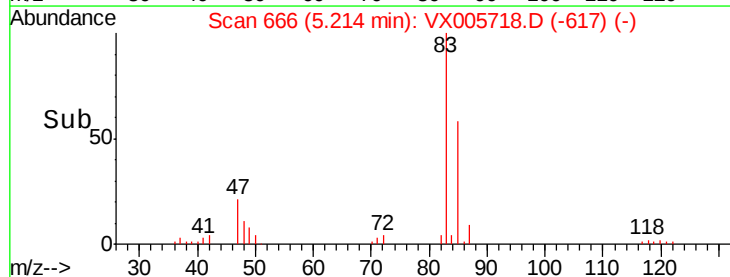
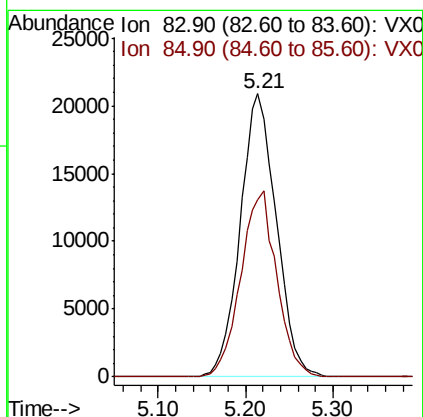
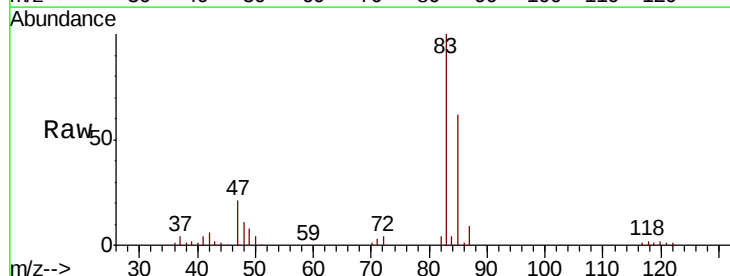
Instrument :
MSVOA_X
ClientSampled :

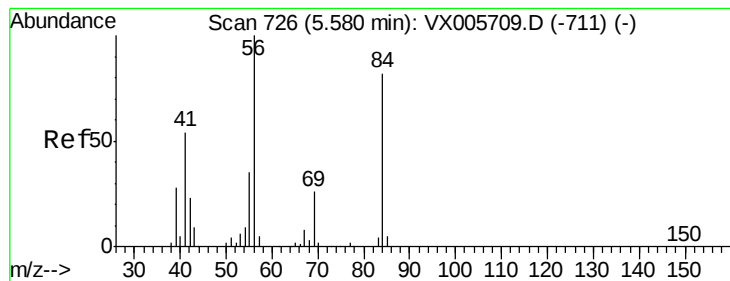
Tot Ion: 42 Resp: 102464
Ion Ratio Lower Upper
42 100
72 45.1 32.0 48.0
71 42.3 29.8 44.8



#30
Chloroform
Concen: 18.959 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion: 83 Resp: 60031
Ion Ratio Lower Upper
83 100
85 62.5 50.6 76.0





#31

Cyclohexane

Concen: 20.425 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

ClientSampleId :

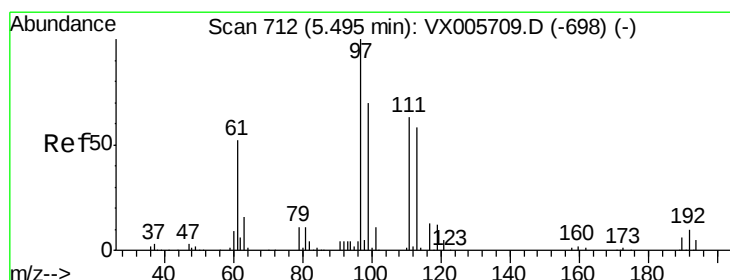
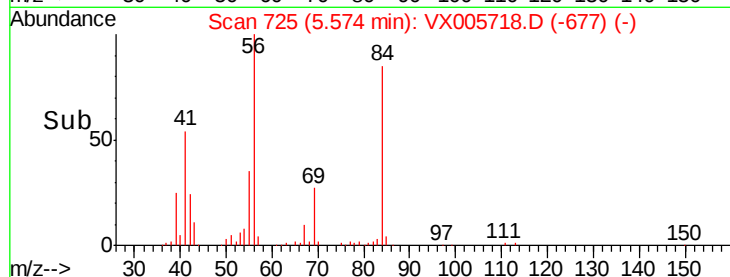
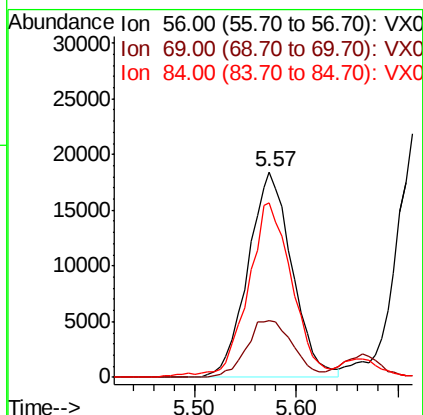
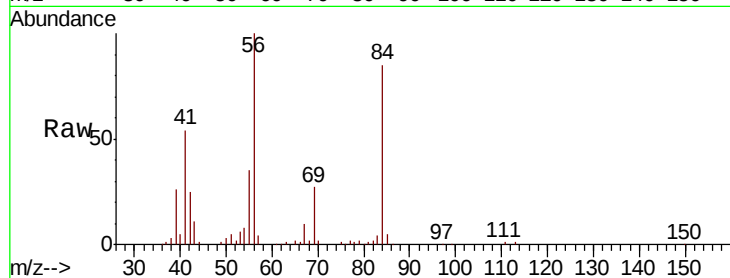
Tot Ion: 56 Resp: 55313

Ion Ratio Lower Upper

56 100

69 27.5 22.6 34.0

84 83.2 62.7 94.1



#32

1,1,1-Trichloroethane

Concen: 19.302 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

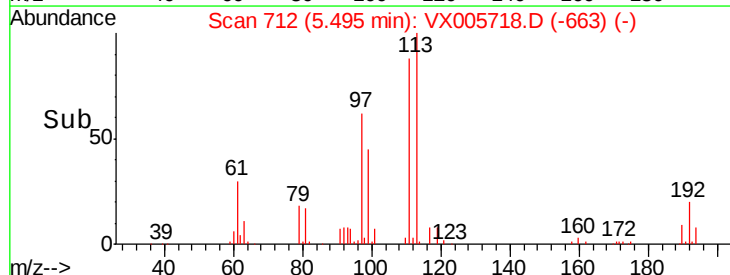
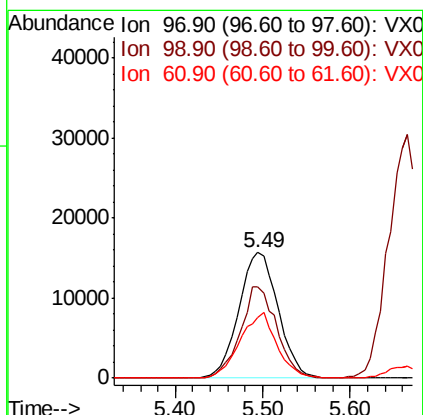
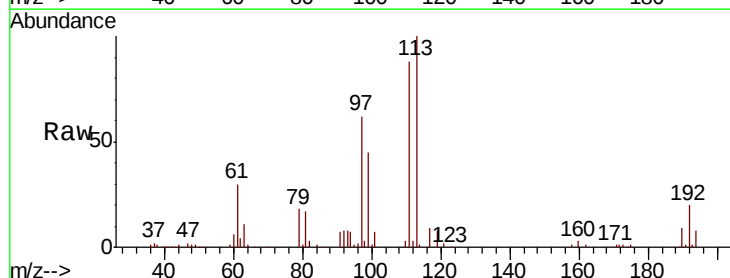
Tgt Ion: 97 Resp: 48911

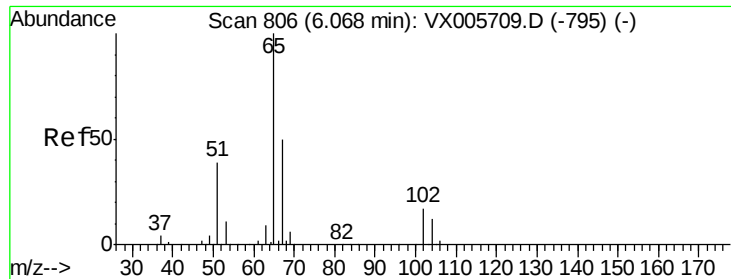
Ion Ratio Lower Upper

97 100

99 67.3 52.3 78.5

61 49.1 35.2 52.8

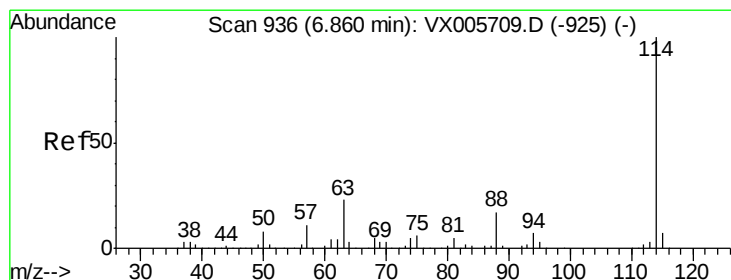
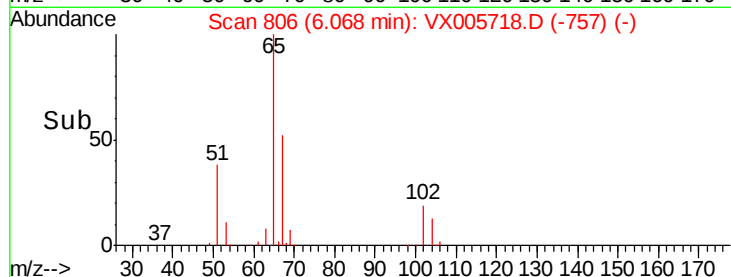
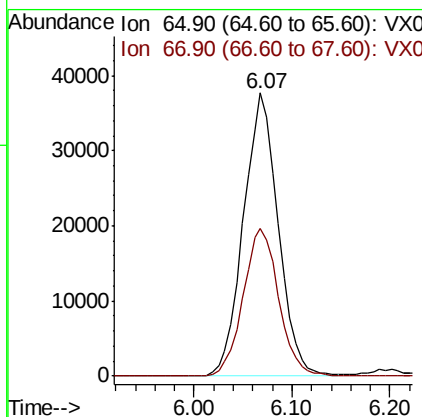
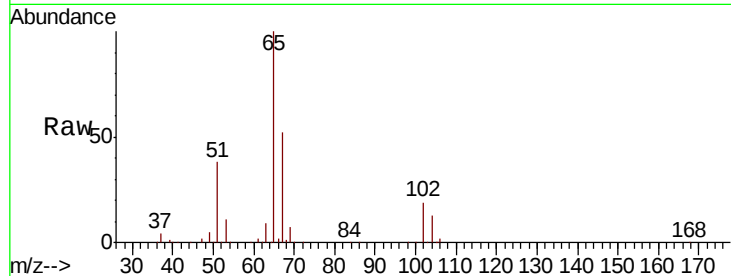




#33
 1,2-Dichloroethane-d4
 Concen: 45.986 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

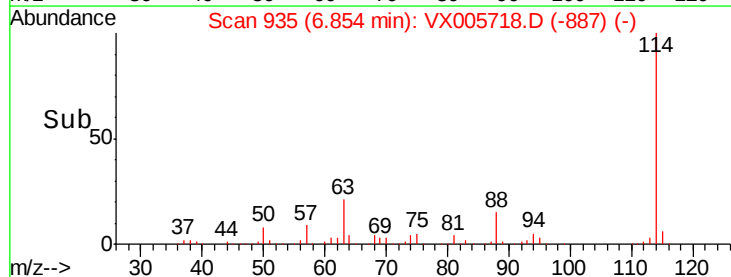
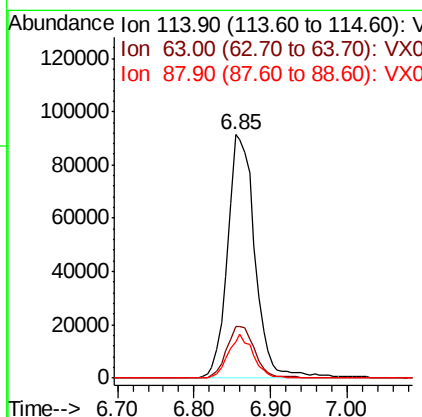
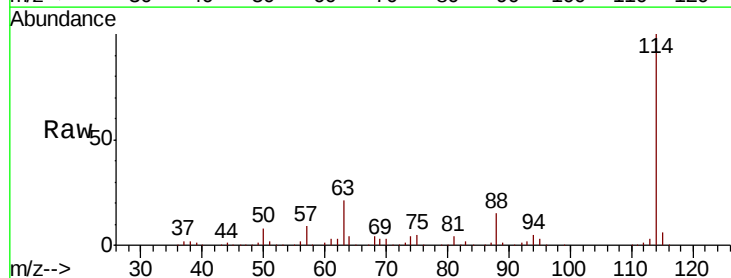
Instrument :
 MSVOA_X
 ClientSampleId :

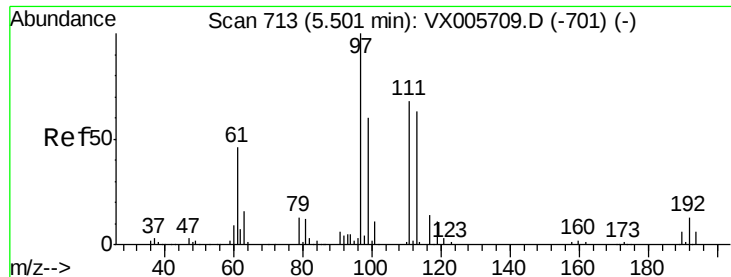
Tot Ion: 65 Resp: 93205
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Tgt Ion: 114 Resp: 227192
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.8
 88 14.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.694 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

ClientSampleId :

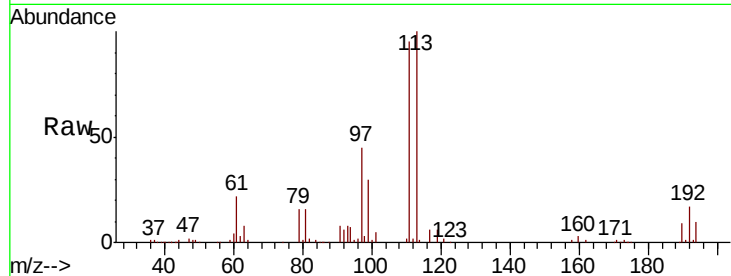
Tot Ion:113 Resp: 76600

Ion Ratio Lower Upper

113 100

111 97.1 82.3 123.5

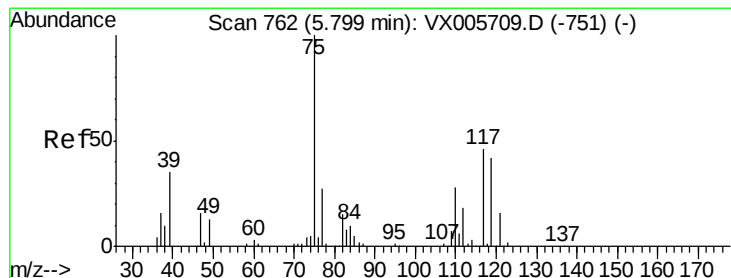
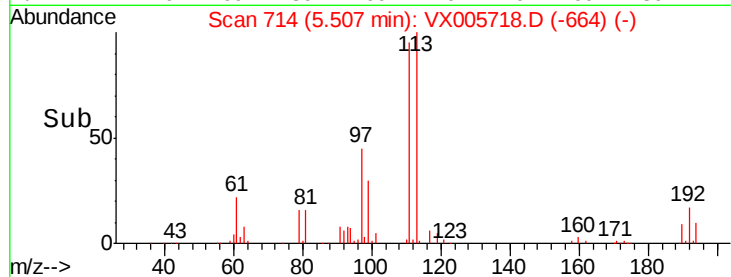
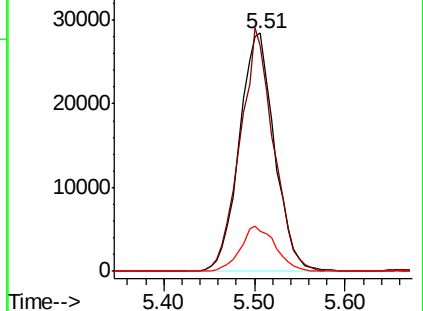
192 18.8 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.353 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

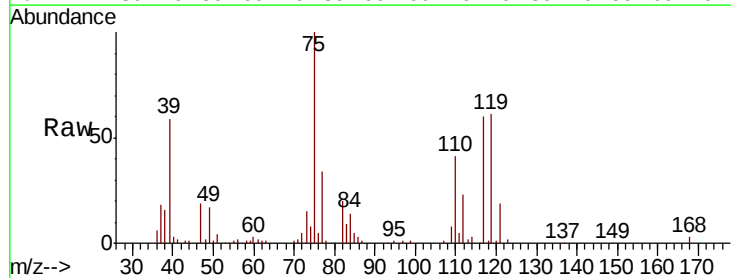
Tgt Ion: 75 Resp: 46846

Ion Ratio Lower Upper

75 100

110 34.6 17.4 52.2

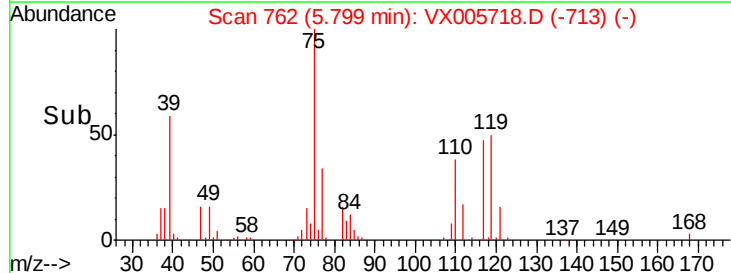
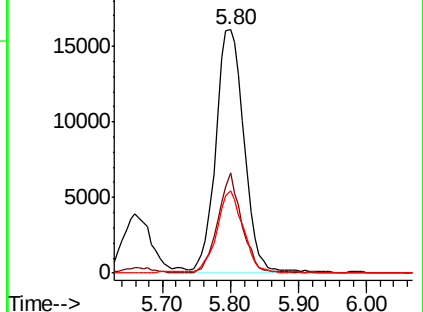
77 31.2 25.8 38.6

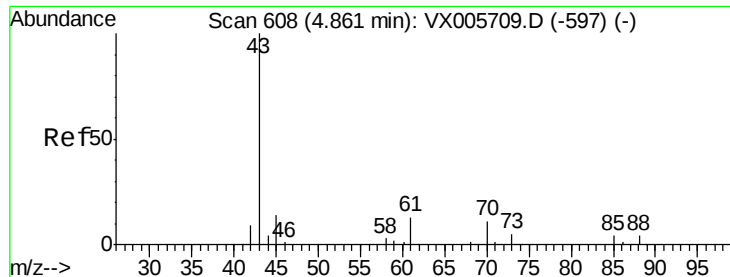


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

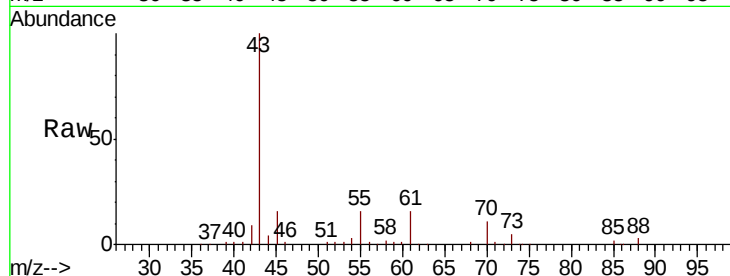




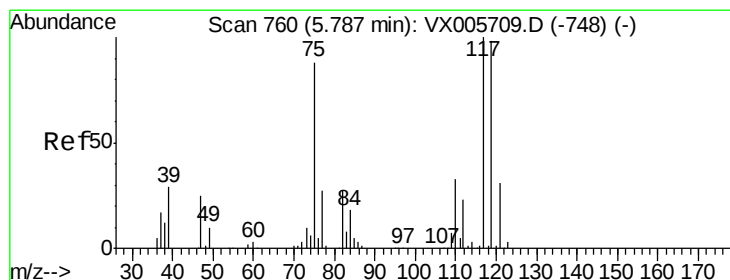
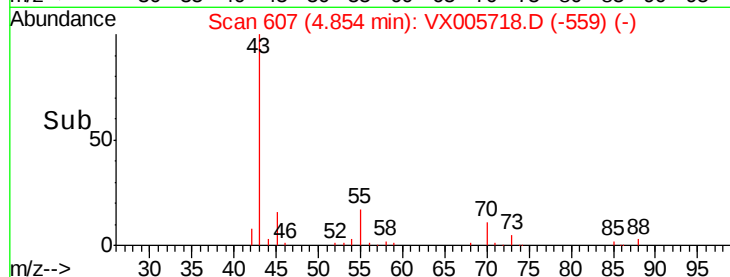
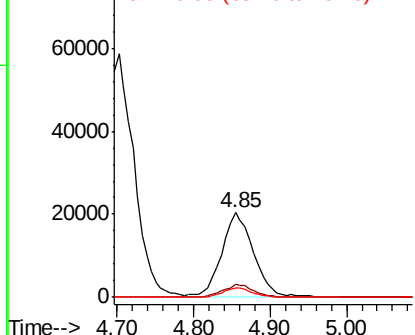
#37
Ethyl Acetate
Concen: 18.744 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 57883
Ion Ratio Lower Upper
43 100
61 15.0 10.8 16.2
70 10.4 7.8 11.8

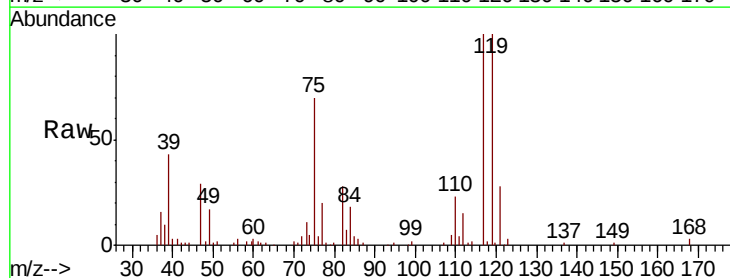


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

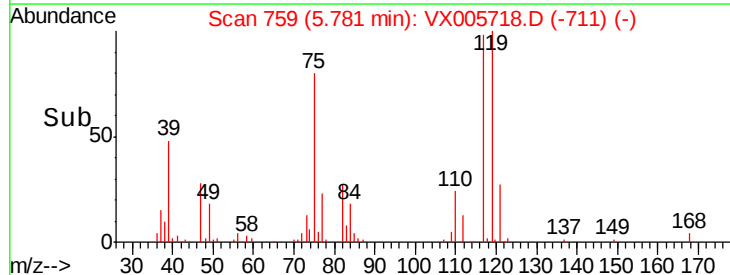
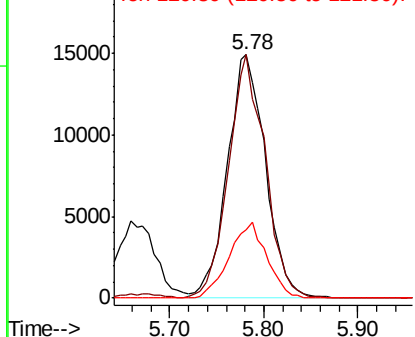


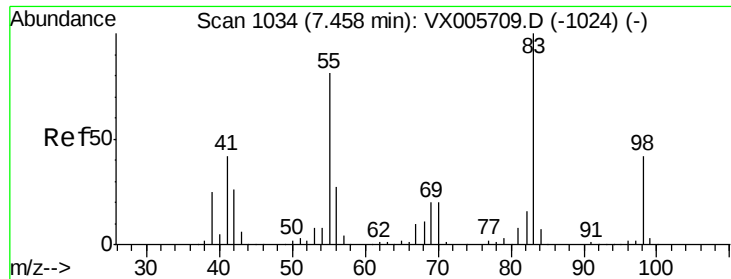
#38
Carbon Tetrachloride
Concen: 19.211 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion: 117 Resp: 42013
Ion Ratio Lower Upper
117 100
119 100.2 78.1 117.1
121 27.9 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

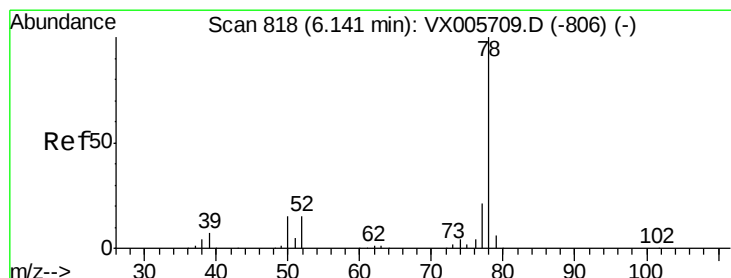
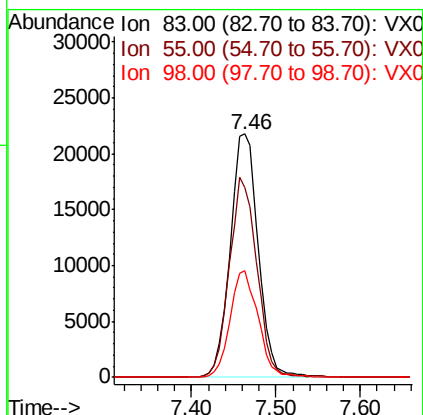
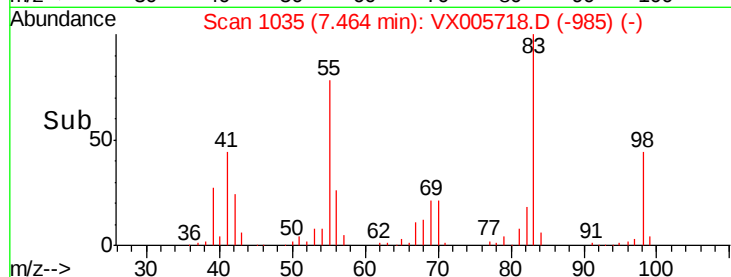
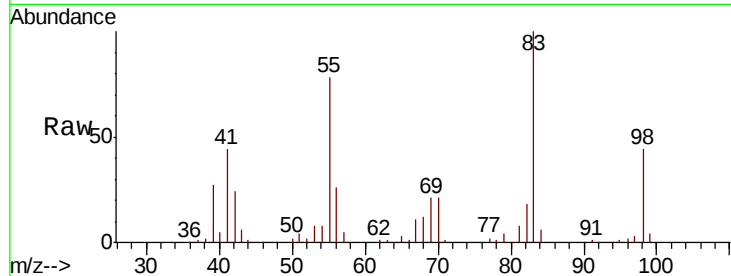




#39
Methvlcvclohexane
Concen: 19.398 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

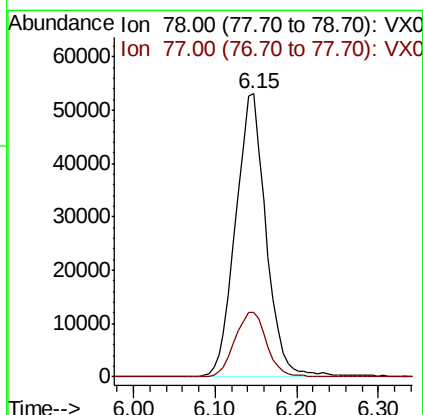
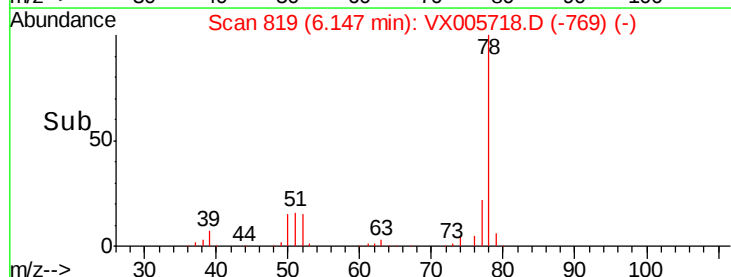
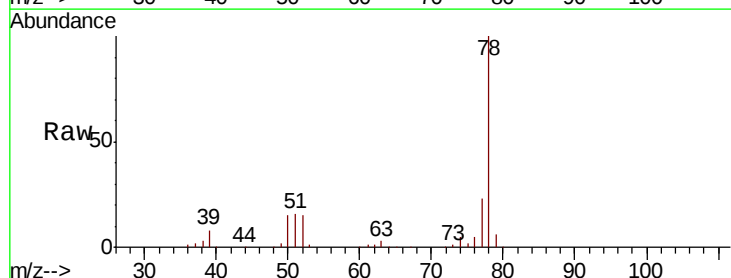
Instrument :
MSVOA_X
ClientSampled :

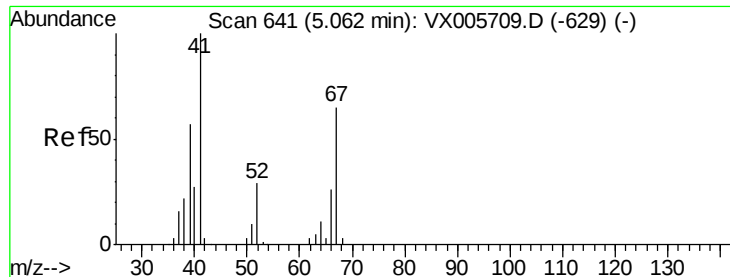
Tot Ion: 83 Resp: 48969
Ion Ratio Lower Upper
83 100
55 77.8 63.7 95.5
98 43.7 36.2 54.2



#40
Benzene
Concen: 19.075 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion: 78 Resp: 137362
Ion Ratio Lower Upper
78 100
77 22.6 18.4 27.6





#41

Methacrylonitrile

Concen: 18.453 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 30790

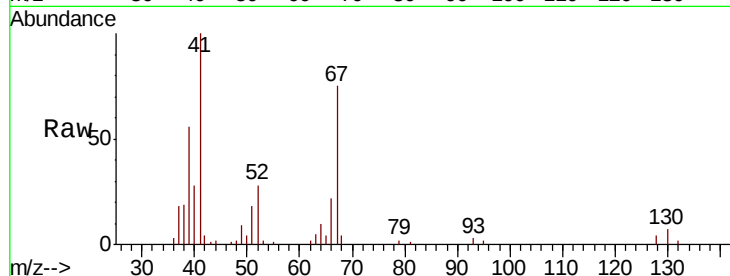
Ion Ratio Lower Upper

41 100

39 55.8 42.2 63.2

67 76.2 53.4 80.0

52 31.0 23.4 35.2

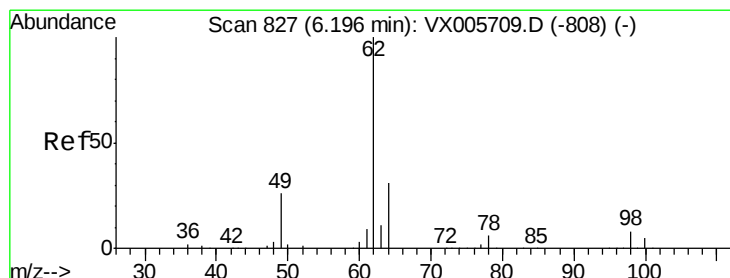
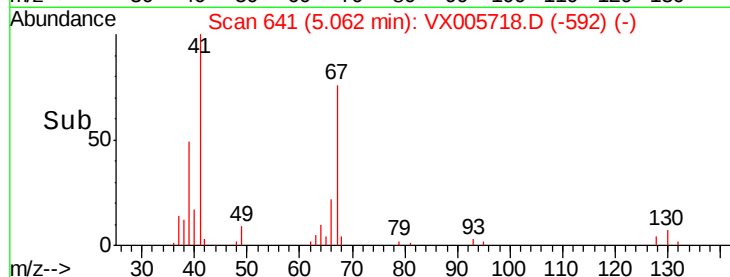
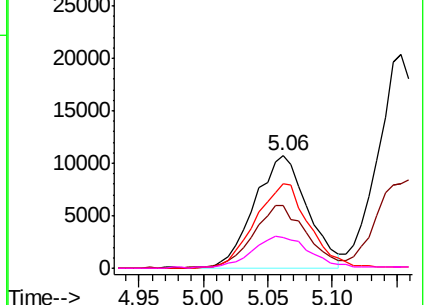


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.356 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005718.D

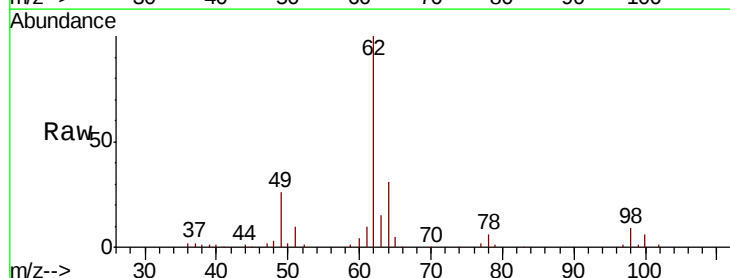
Acq: 31 Oct 2018 20:49

Tgt Ion: 62 Resp: 51522

Ion Ratio Lower Upper

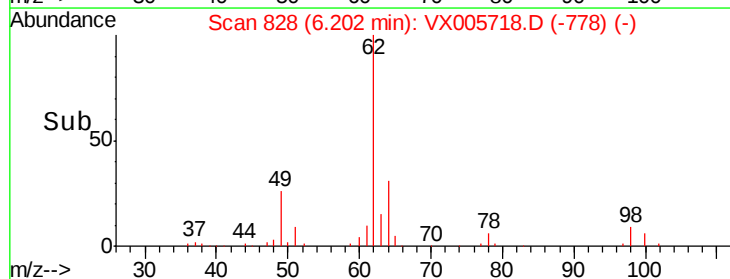
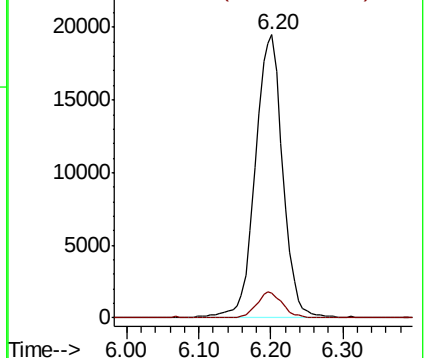
62 100

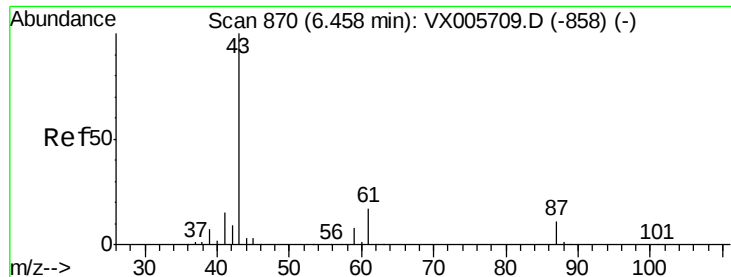
98 8.6 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



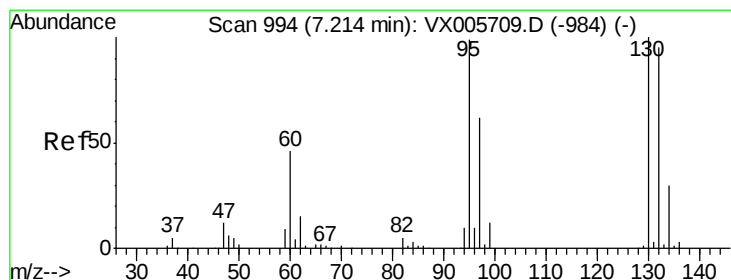
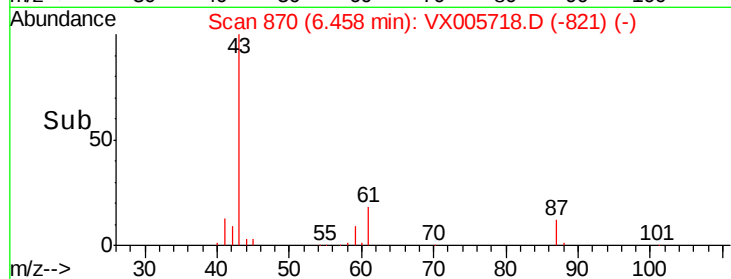
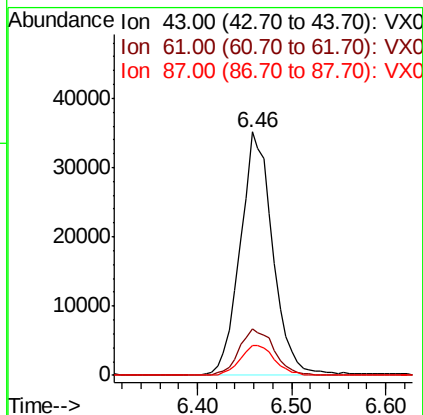
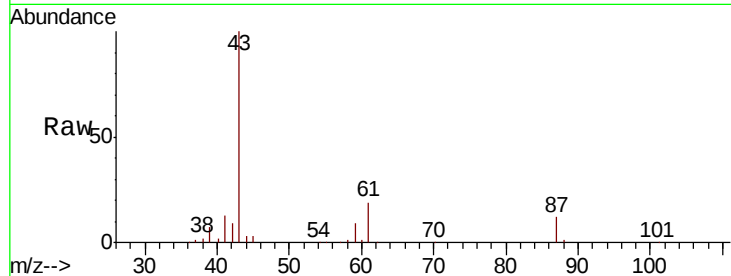


#43

Isopropyl Acetate
 Concen: 18.892 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Instrument :
 MSVOA_X
 ClientSampleId :

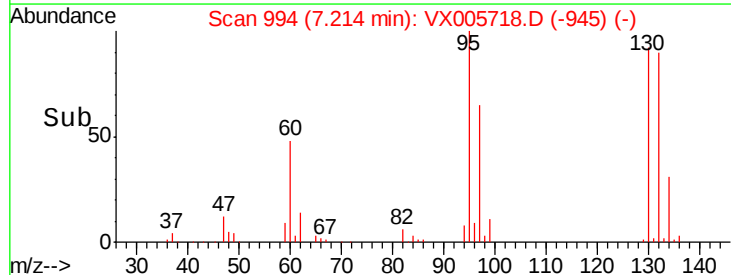
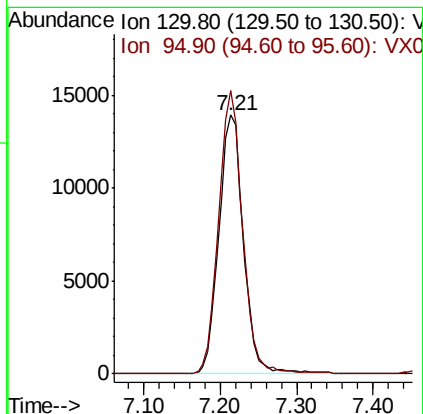
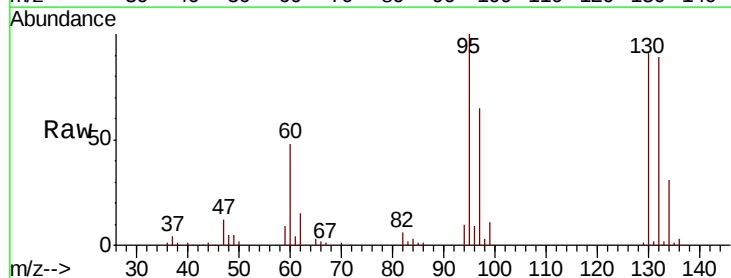
Tot Ion: 43 Resp: 84678
 Ion Ratio Lower Upper
 43 100
 61 20.7 14.6 22.0
 87 13.1 9.6 14.4

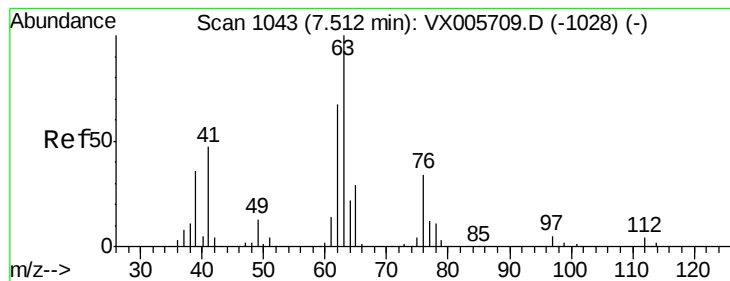


#44

Trichloroethene
 Concen: 18.677 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Tgt Ion:130 Resp: 31106
 Ion Ratio Lower Upper
 130 100
 95 109.5 0.0 194.2





#45

1,2-Dichloropropane

Concen: 19.281 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

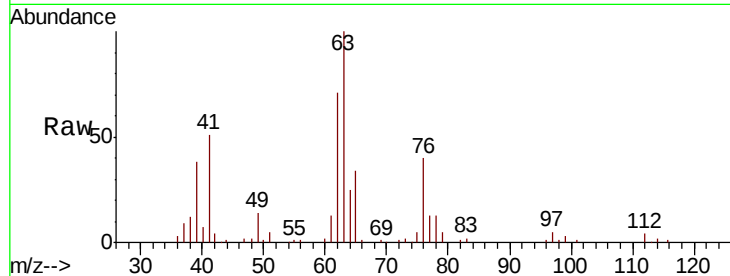
ClientSampleId :

Tot Ion: 63 Resp: 35582

Ion Ratio Lower Upper

63 100

65 33.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX005709.D (-1028) (-)

Ion 64.90 (64.60 to 65.60): VX005709.D (-1028) (-)

7.52

20000

15000

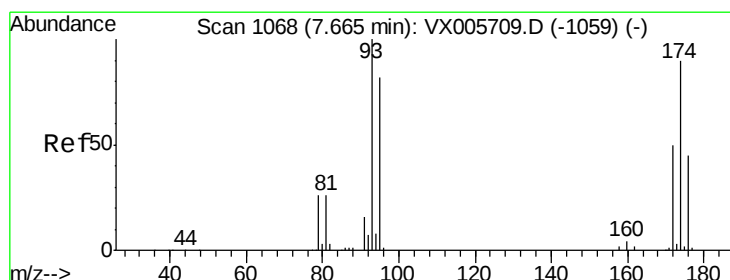
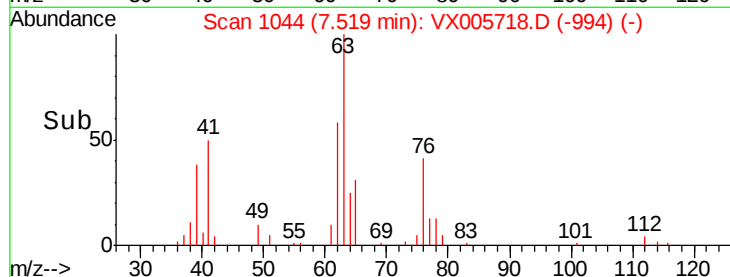
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 18.585 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

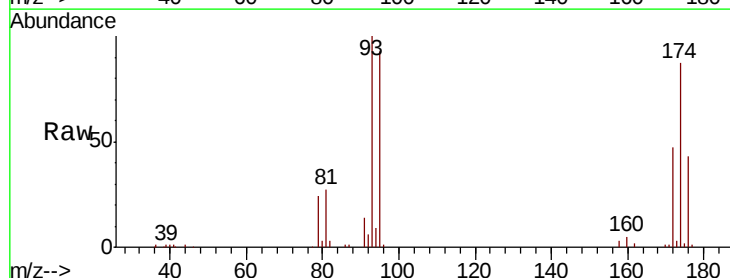
Tgt Ion: 93 Resp: 21919

Ion Ratio Lower Upper

93 100

95 85.4 67.4 101.0

174 92.9 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX005709.D (-1059) (-)

Ion 94.80 (94.50 to 95.50): VX005709.D (-1059) (-)

Ion 173.70 (173.40 to 174.40): VX005709.D (-1059) (-)

15000

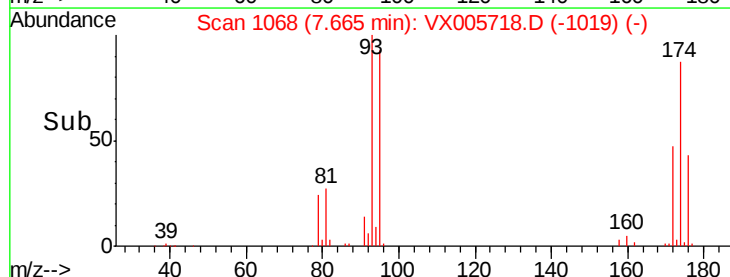
10000

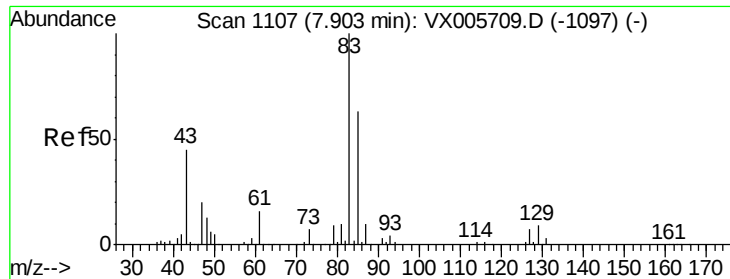
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 18.518 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampled :

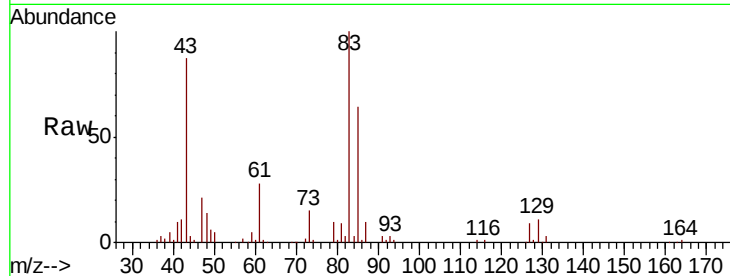
Tot Ion: 83 Resp: 40965

Ion Ratio Lower Upper

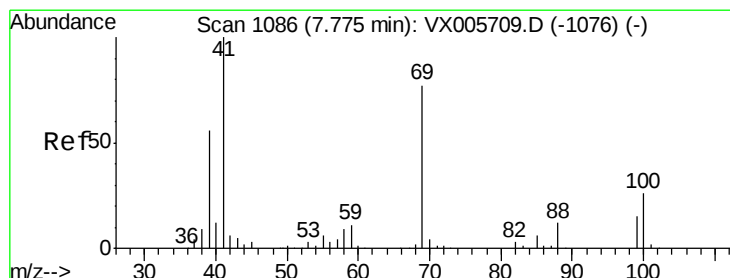
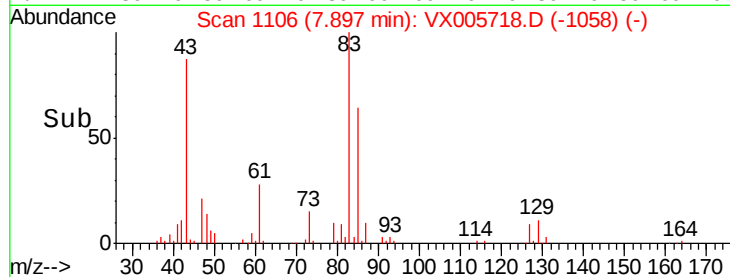
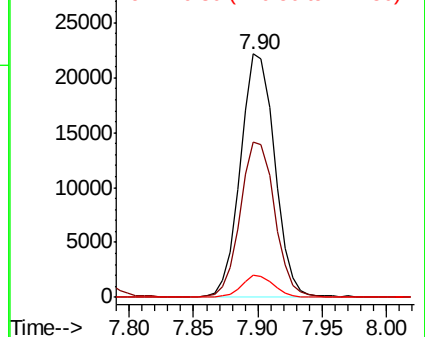
83 100

85 63.7 50.2 75.4

127 8.9 6.9 10.3



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: 18.673 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

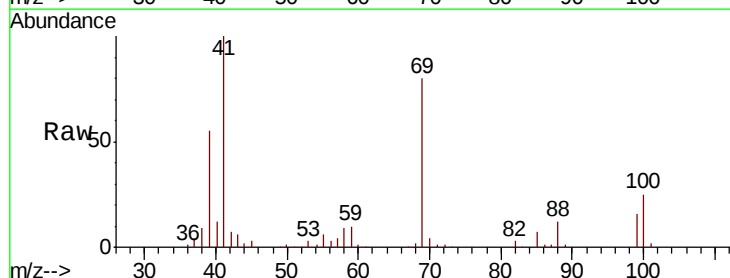
Tgt Ion: 41 Resp: 40508

Ion Ratio Lower Upper

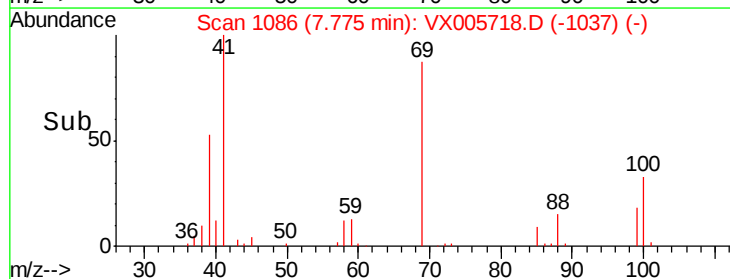
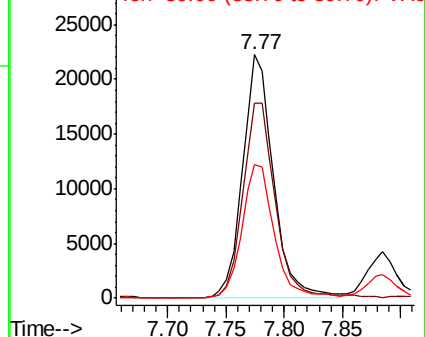
41 100

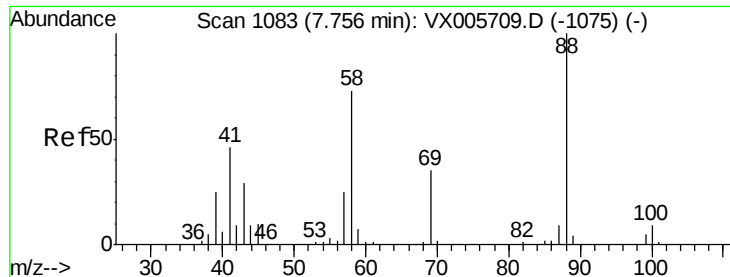
69 85.6 63.2 94.8

39 58.2 42.2 63.2



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: 383.491 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

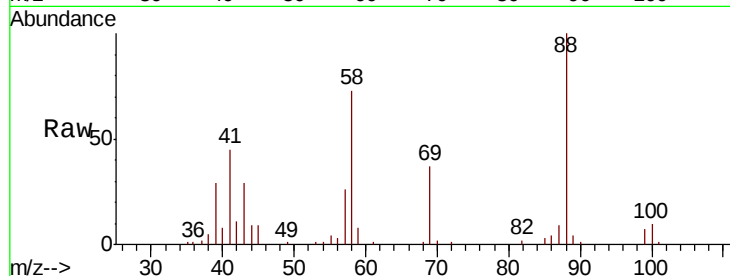
Tot Ion: 88 Resp: 18525

Ion Ratio Lower Upper

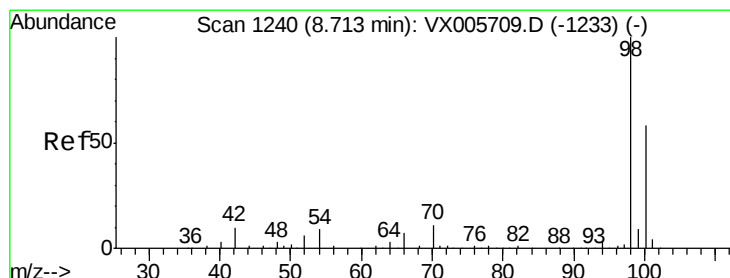
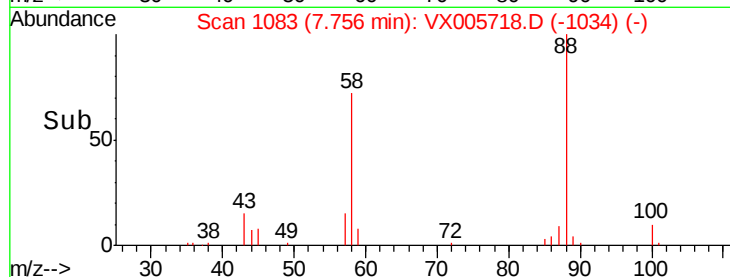
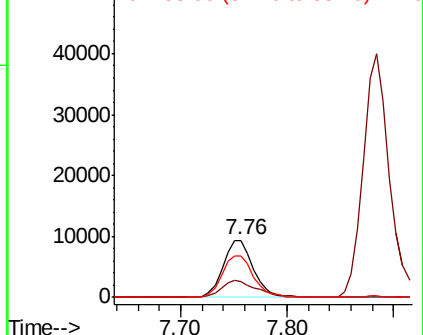
88 100

43 35.7 27.4 41.0

58 76.2 59.4 89.2



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: 47.860 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005718.D

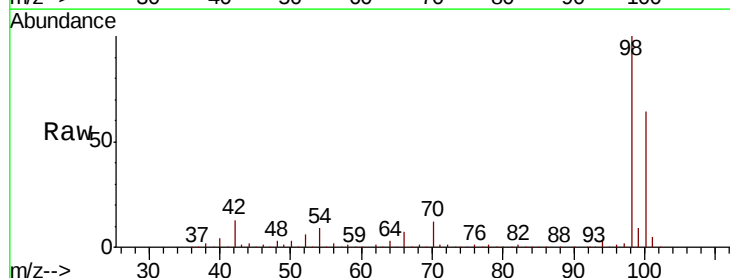
Acq: 31 Oct 2018 20:49

Tgt Ion: 98 Resp: 264062

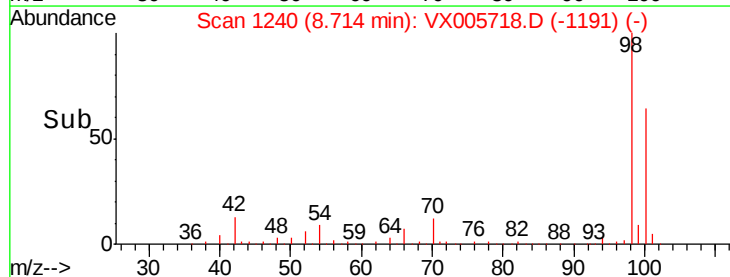
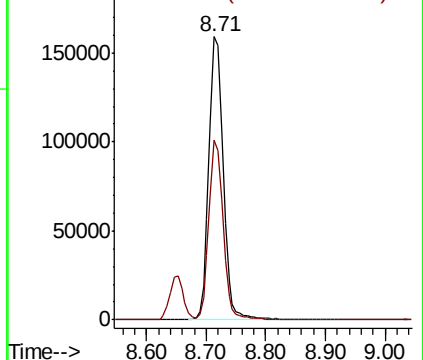
Ion Ratio Lower Upper

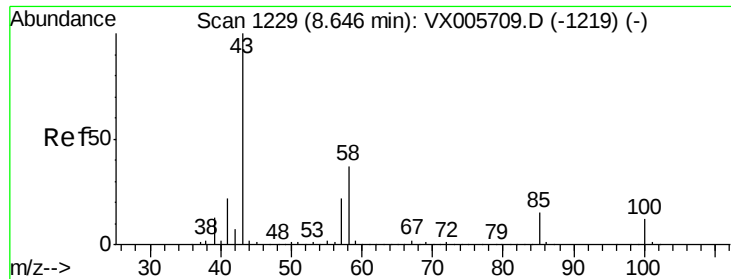
98 100

100 62.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 94.419 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

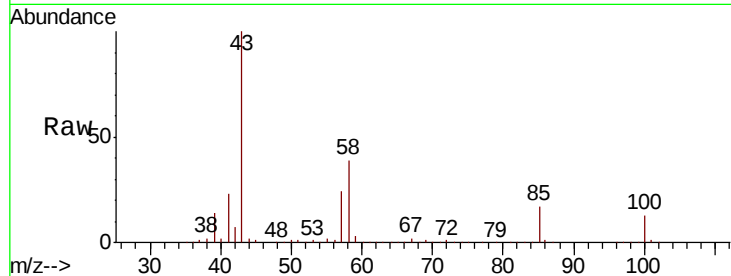
ClientSampled :

Tot Ion: 43 Resp: 288565

Ion Ratio Lower Upper

43 100

58 38.6 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005709.D (-1219) (-)

8.65

200000

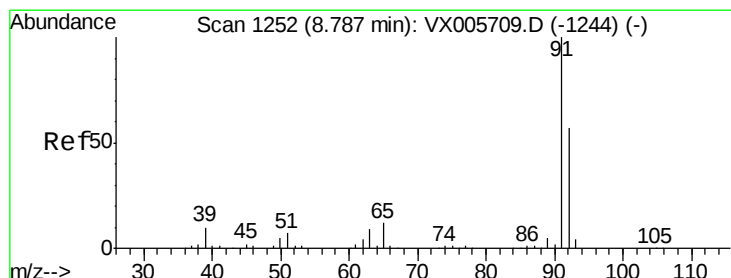
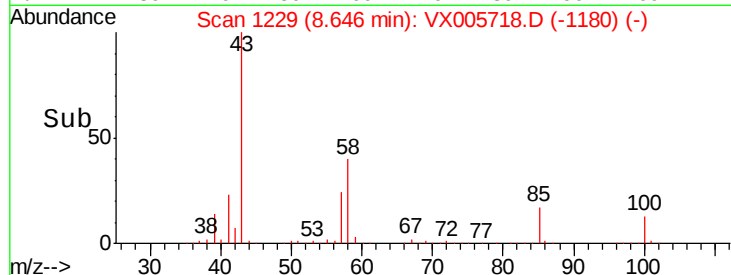
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.188 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005718.D

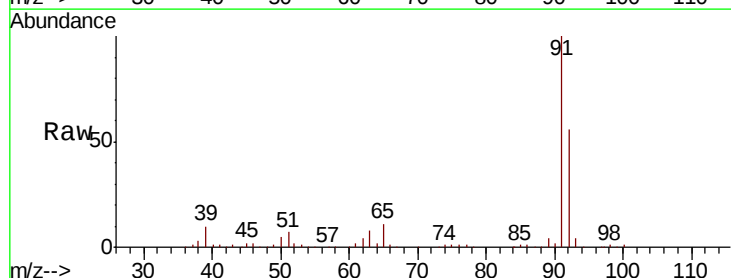
Acq: 31 Oct 2018 20:49

Tgt Ion: 92 Resp: 78635

Ion Ratio Lower Upper

92 100

91 180.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX005709.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005709.D (-1244) (-)

8.79

100000

80000

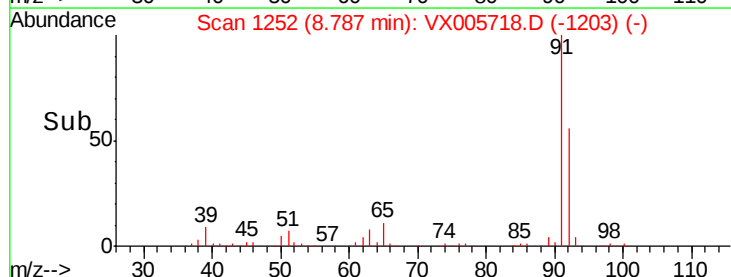
60000

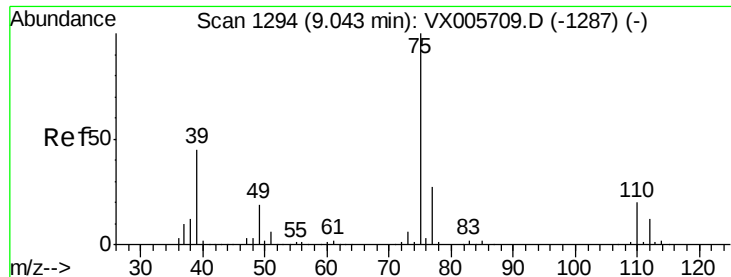
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.470 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

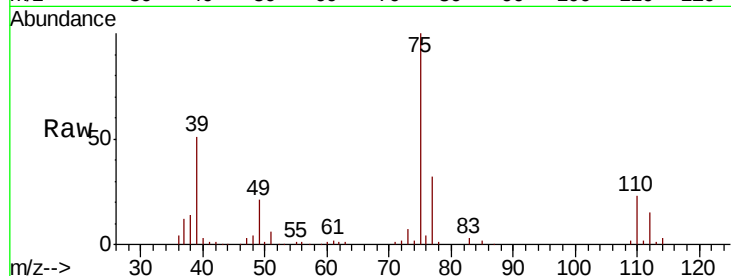
ClientSampleId :

Tot Ion: 75 Resp: 44281

Ion Ratio Lower Upper

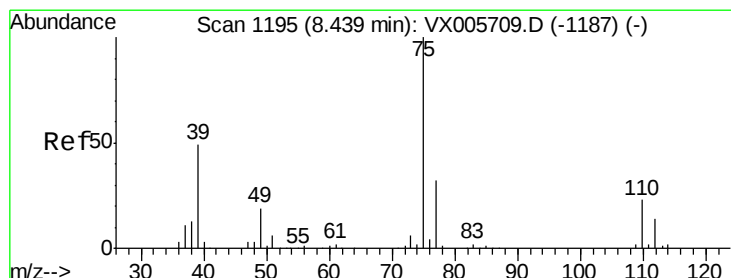
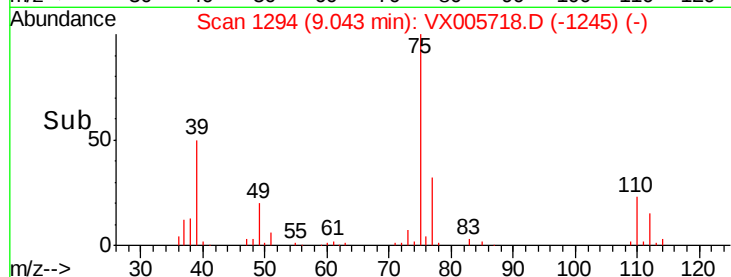
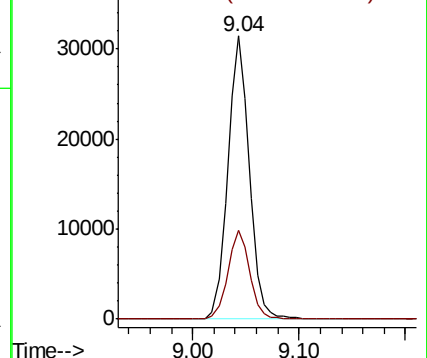
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.654 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

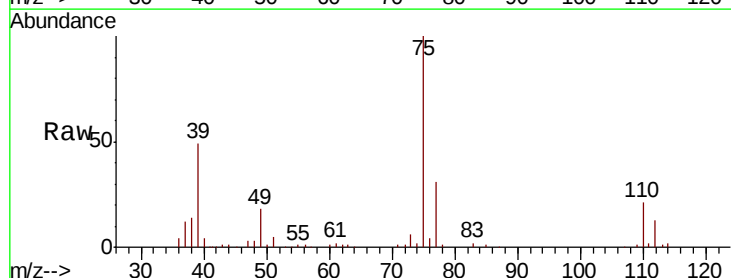
Tgt Ion: 75 Resp: 50482

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

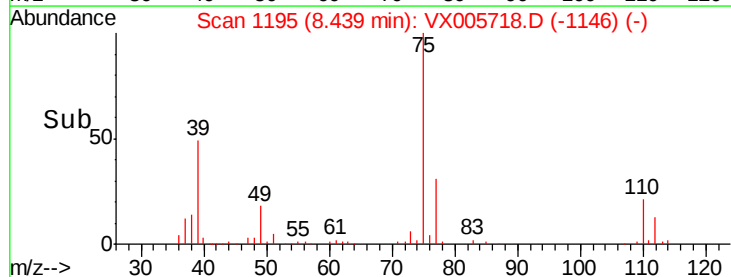
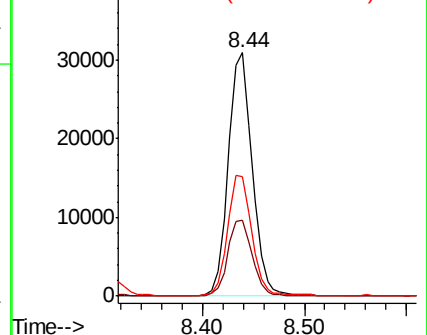
39 49.1 38.2 57.2

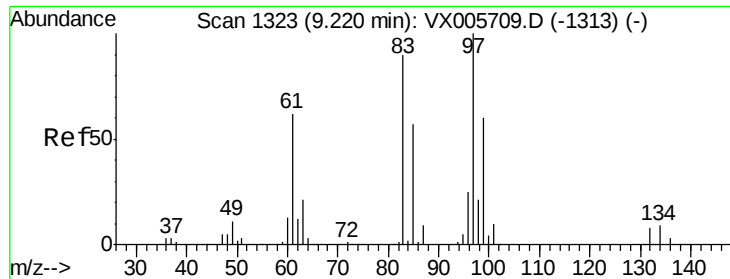


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

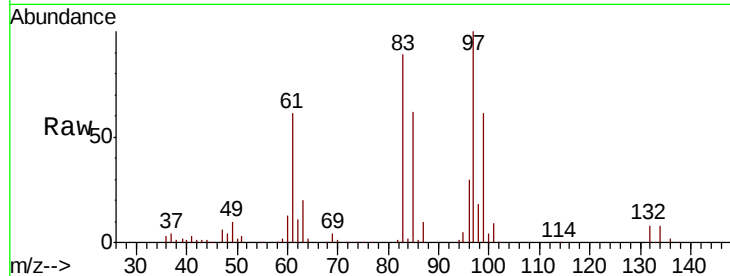




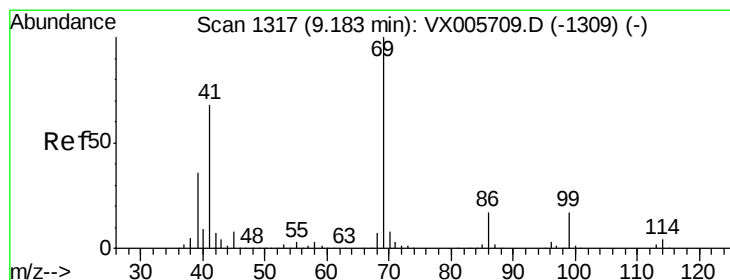
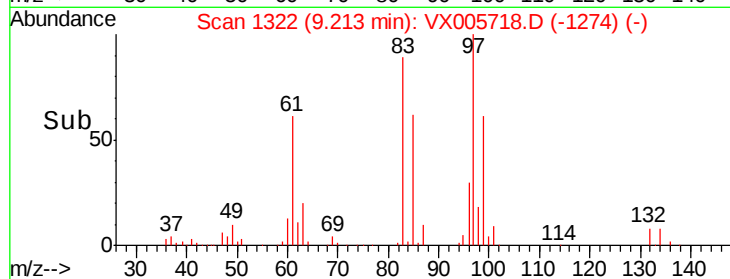
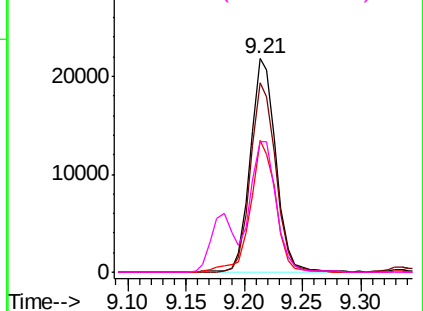
#55
1,1,2-Trichloroethane
Concen: 19.802 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	97	Resp:	33496
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.7	106.1
85	61.9	45.8	68.6
99	61.0	51.8	77.8

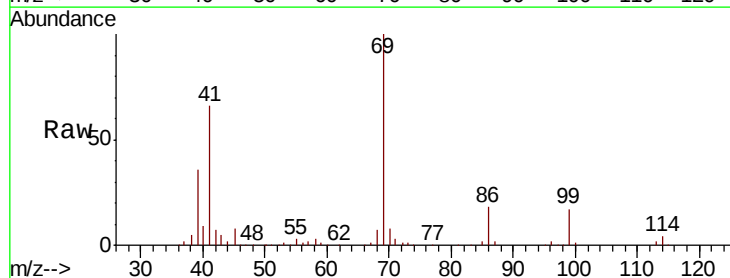


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

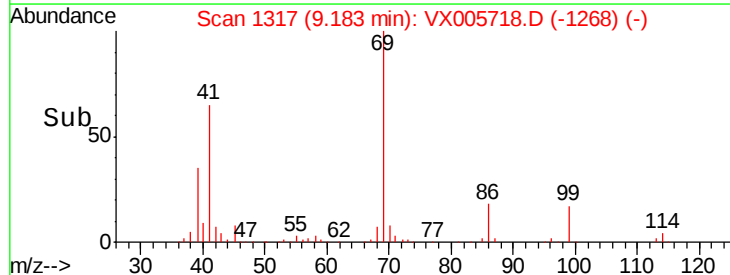
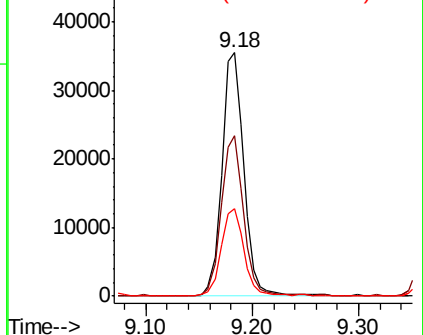


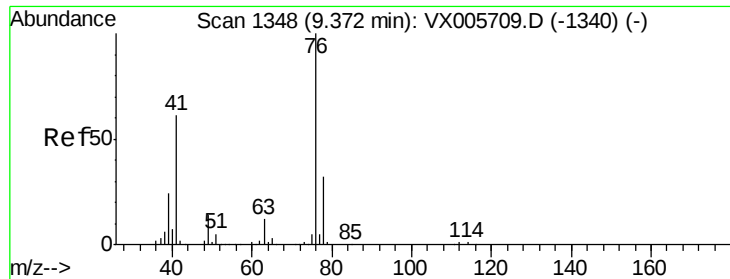
#56
Ethyl methacrylate
Concen: 19.419 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion:	69	Resp:	51194
Ion	Ratio	Lower	Upper
69	100		
41	66.8	57.0	85.6
39	36.7	28.3	42.5



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





#57

1,3-Dichloropropane

Concen: 19.232 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

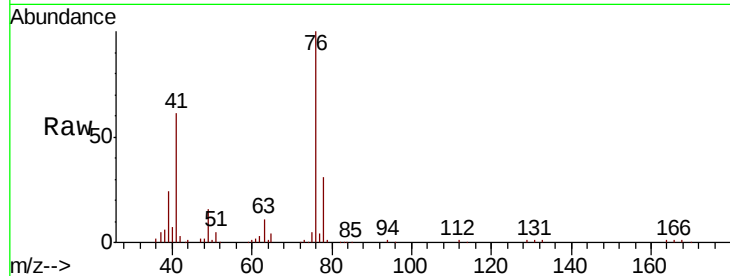
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 55883

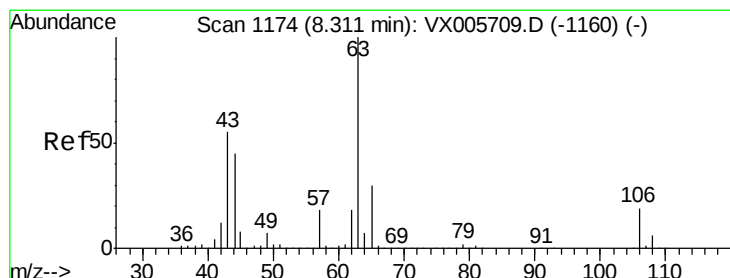
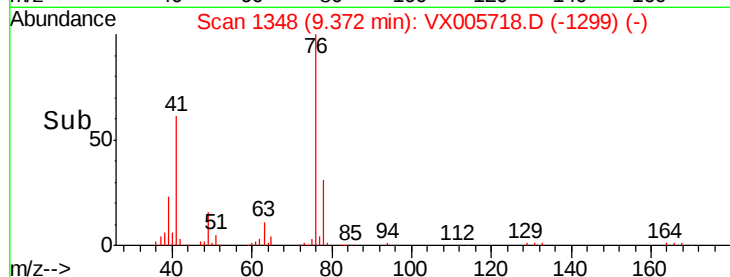
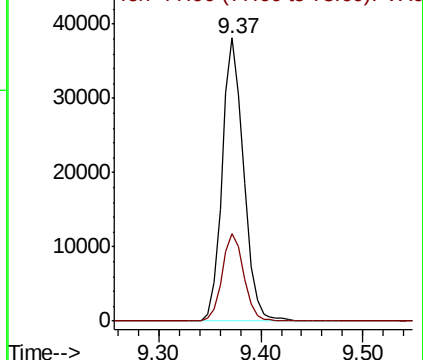
Ion Ratio Lower Upper

76 100

78 31.4 25.3 37.9



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: 93.535 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005718.D

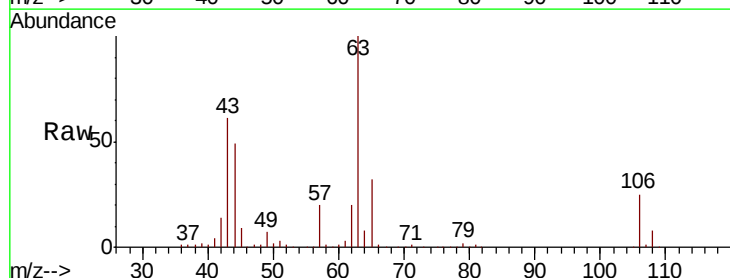
Acq: 31 Oct 2018 20:49

Tgt Ion: 63 Resp: 141534

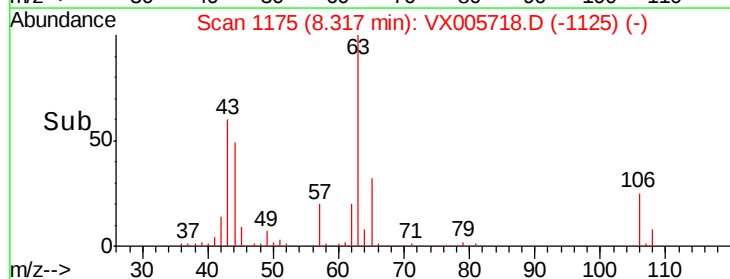
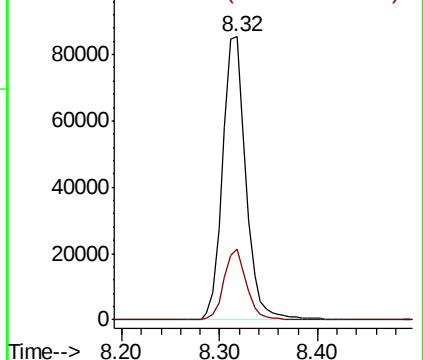
Ion Ratio Lower Upper

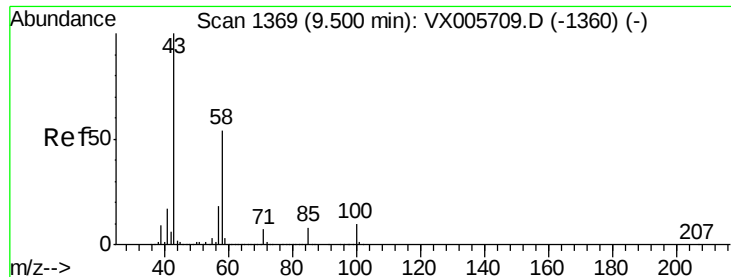
63 100

106 24.3 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

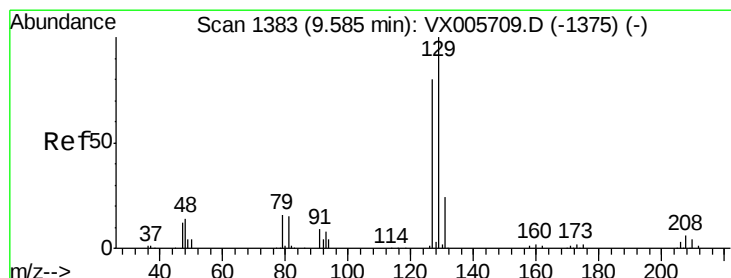
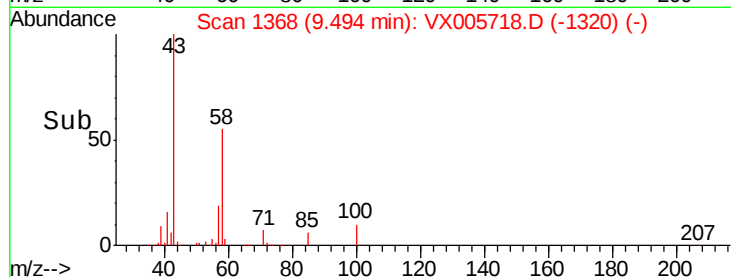
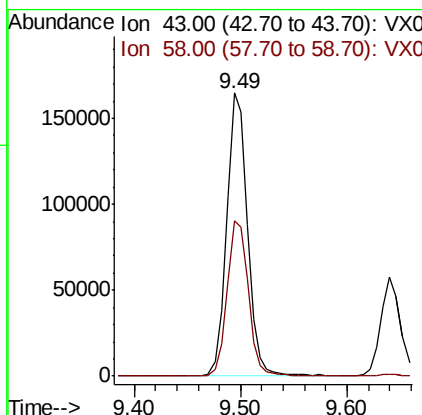
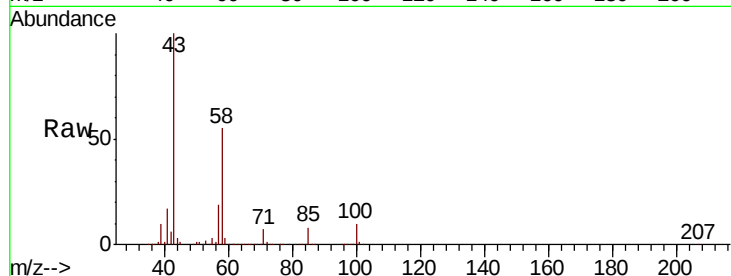




#59
2-Hexanone
Concen: 90.957 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

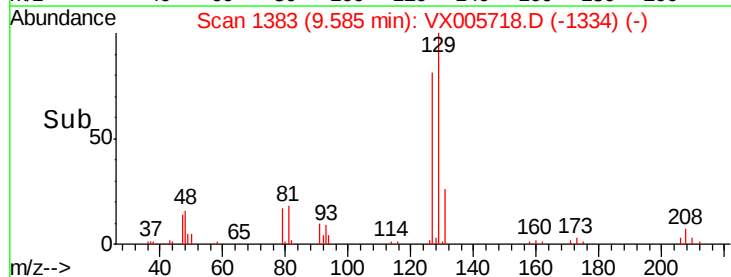
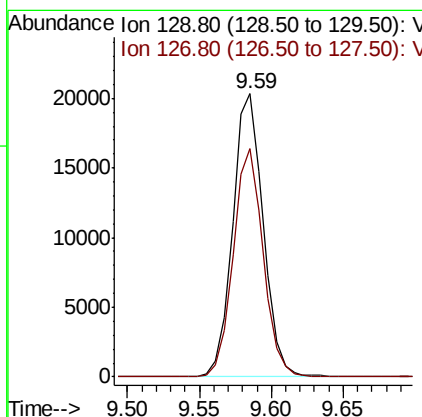
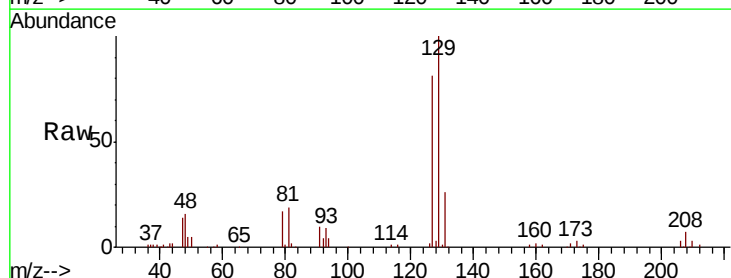
Instrument :
MSVOA_X
ClientSampleId :

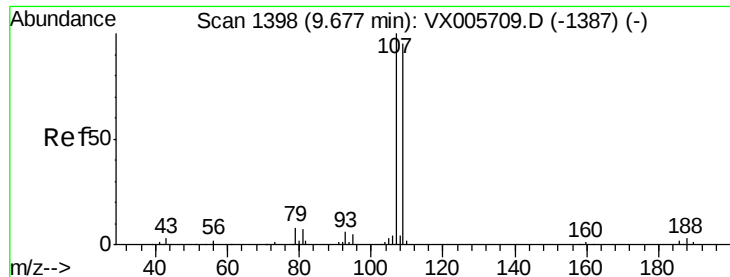
Tot Ion: 43 Resp: 226224
Ion Ratio Lower Upper
43 100
58 56.3 25.9 77.8



#60
Dibromochloromethane
Concen: 18.372 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion:129 Resp: 30030
Ion Ratio Lower Upper
129 100
127 79.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.332 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

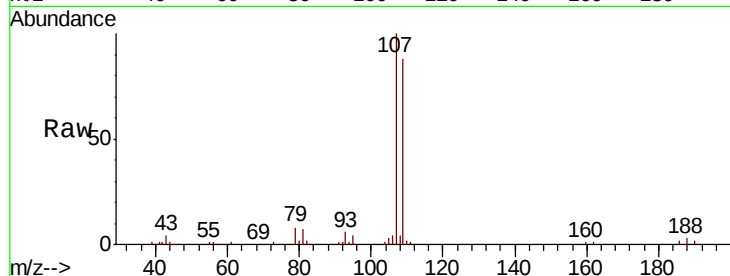
ClientSampleId :

Tot Ion:107 Resp: 35045

Ion Ratio Lower Upper

107 100

109 92.6 75.7 113.5

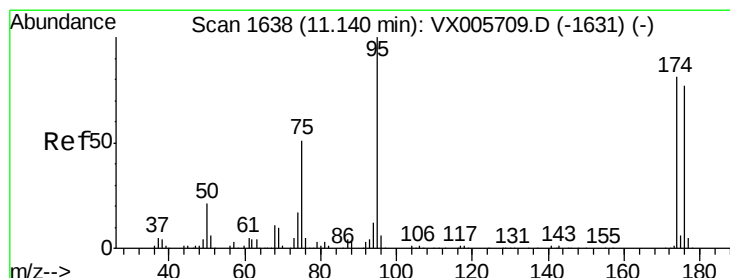
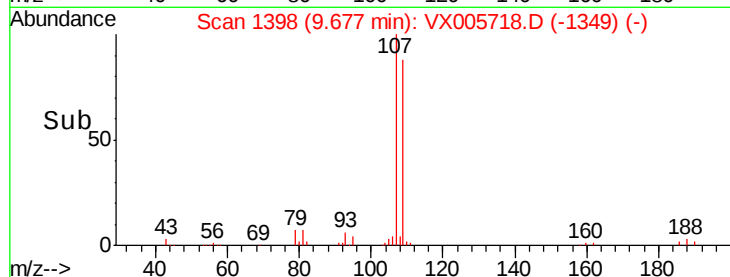


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

Time-->



#62

4-Bromofluorobenzene

Concen: 47.387 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

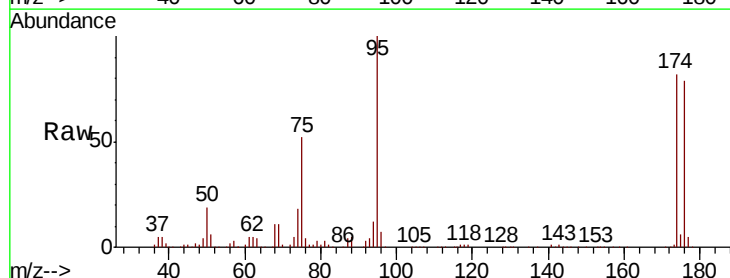
Tgt Ion: 95 Resp: 96494

Ion Ratio Lower Upper

95 100

174 77.8 0.0 184.4

176 74.5 0.0 177.4



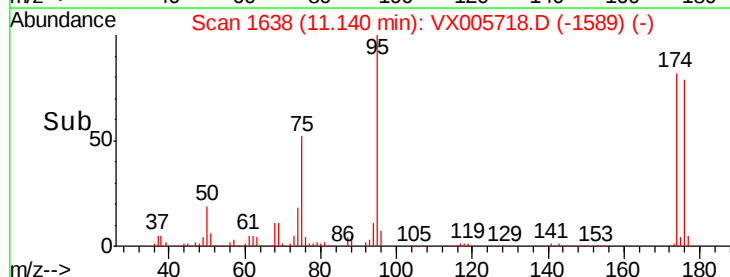
Abundance Ion 94.90 (94.60 to 95.60): VX0

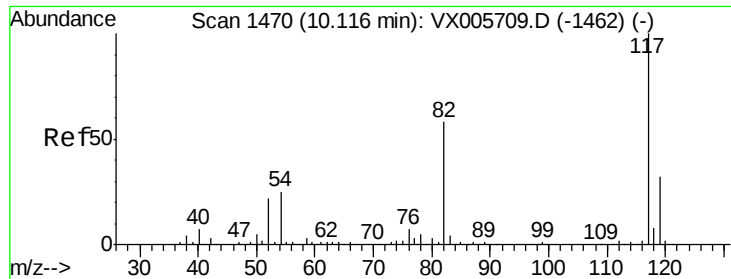
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time-->

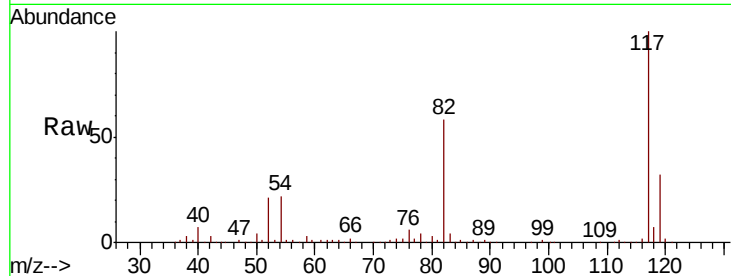




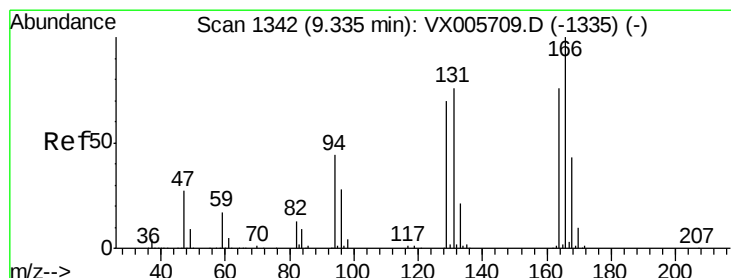
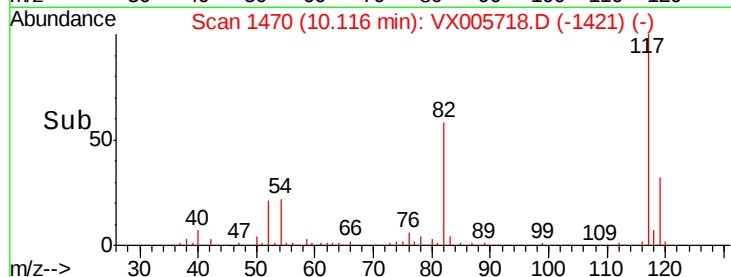
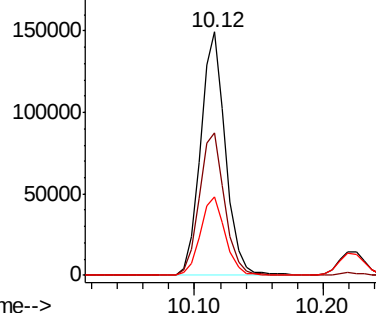
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 202305
Ion Ratio Lower Upper
117 100
82 58.4 44.1 66.1
119 32.4 26.2 39.2

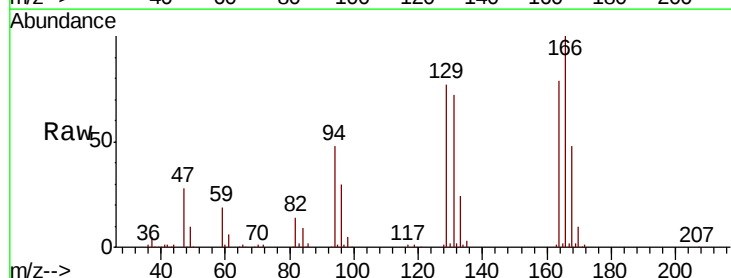


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

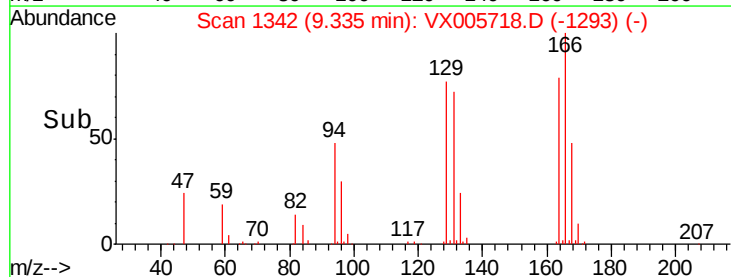
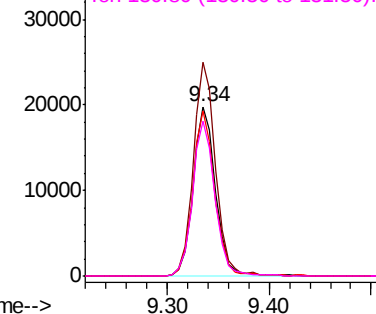


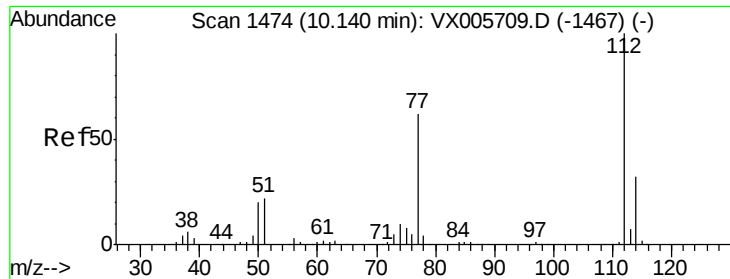
#64
Tetrachloroethene
Concen: 20.301 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion:164 Resp: 30005
Ion Ratio Lower Upper
164 100
166 126.4 101.9 152.9
129 97.5 72.6 109.0
131 91.6 71.1 106.7



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

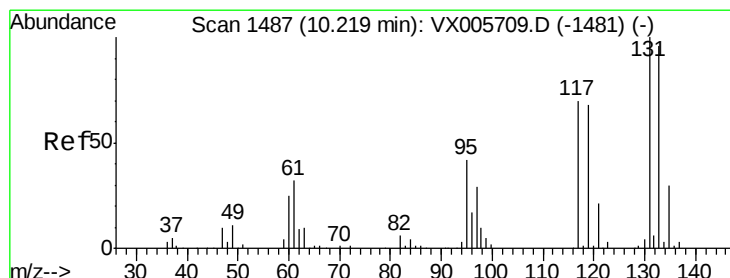
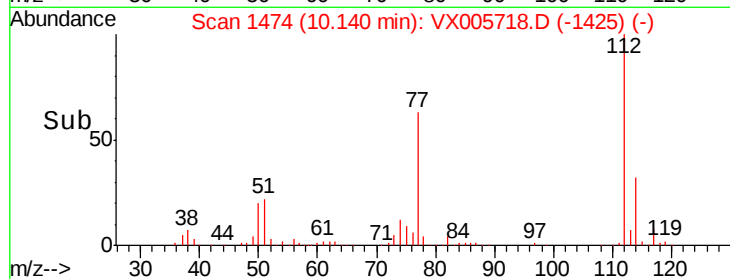
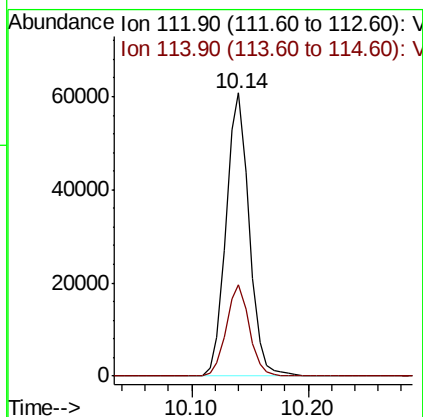
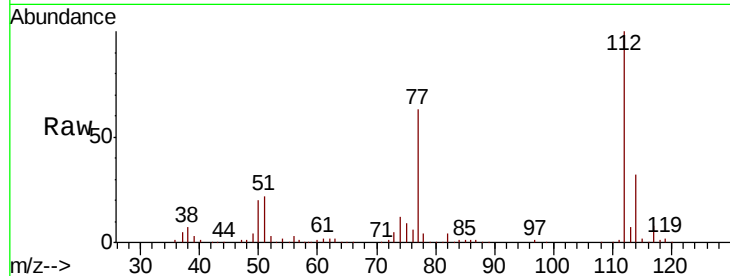




#65
Chlorobenzene
Concen: 19.496 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

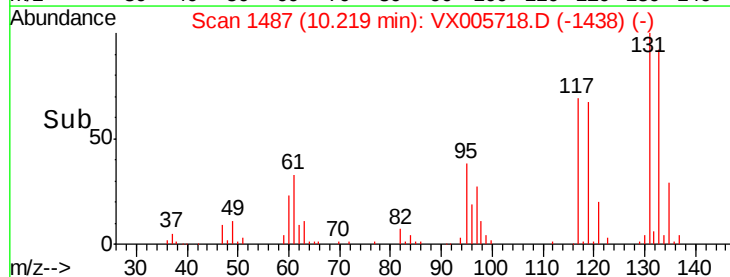
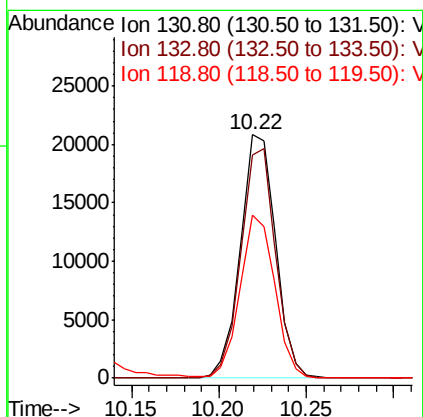
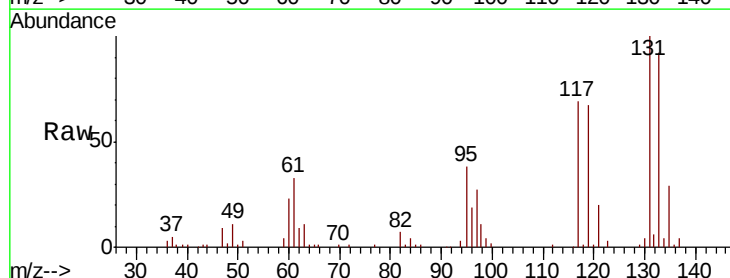
Instrument :
MSVOA_X
ClientSampleId :

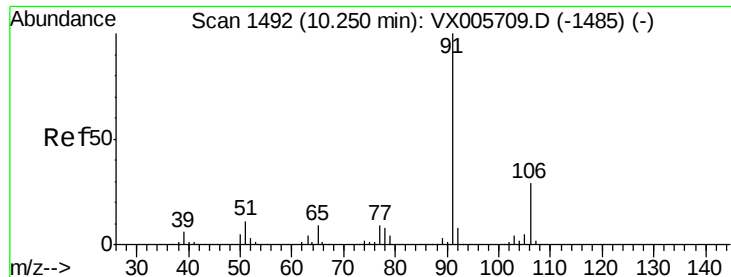
Tot Ion:112 Resp: 83814
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.825 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion:131 Resp: 29176
Ion Ratio Lower Upper
131 100
133 93.0 47.5 142.5
119 66.6 31.8 95.3





#67

Ethyl Benzene

Concen: 20.007 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

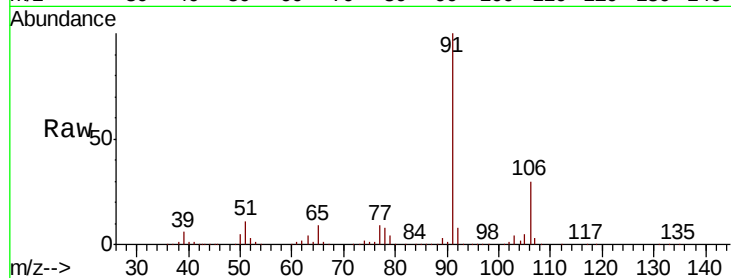
ClientSampleId :

Tot Ion: 91 Resp: 146791

Ion Ratio Lower Upper

91 100

106 29.7 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005709.D (-1485) (-)

200000

150000

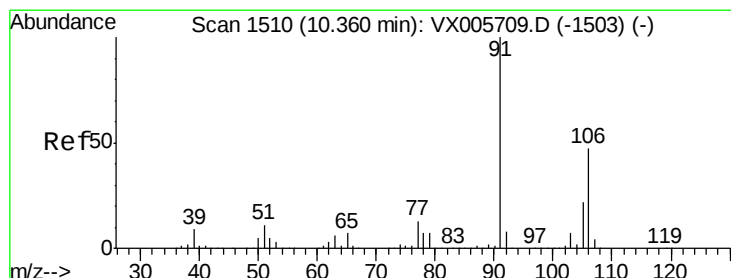
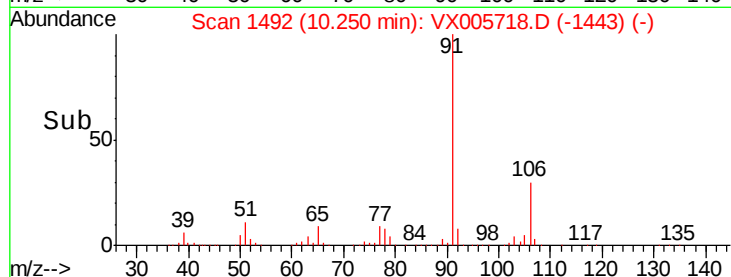
100000

50000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 41.191 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005718.D

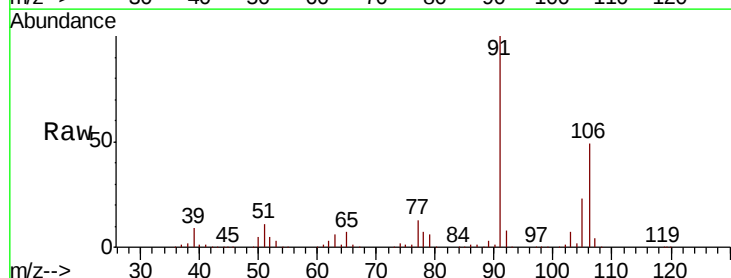
Acq: 31 Oct 2018 20:49

Tgt Ion: 106 Resp: 112298

Ion Ratio Lower Upper

106 100

91 210.4 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005709.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005709.D (-1503) (-)

200000

150000

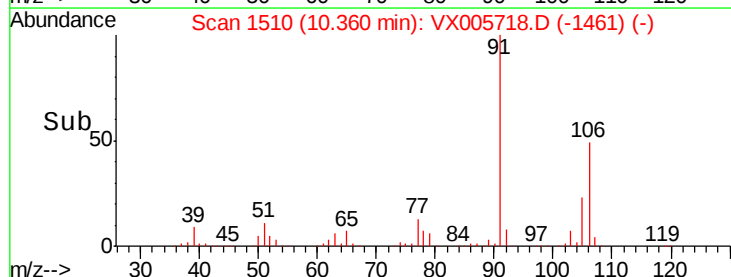
100000

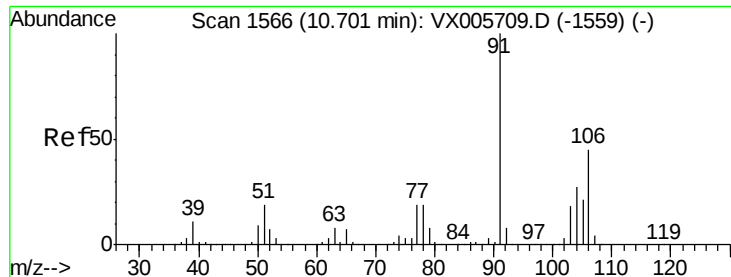
50000

0

10.30 10.36 10.40 10.50

Time-->

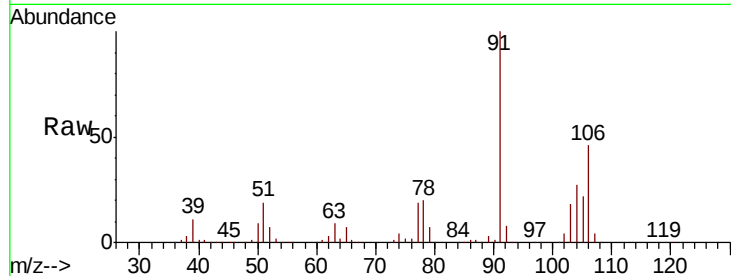




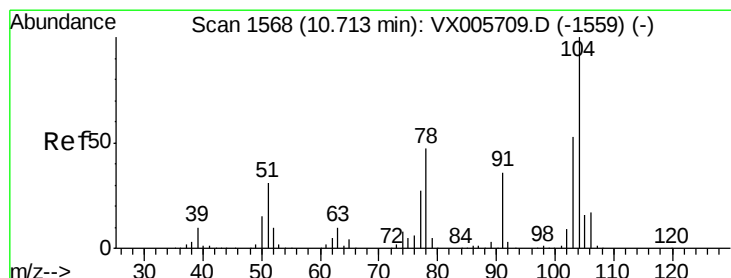
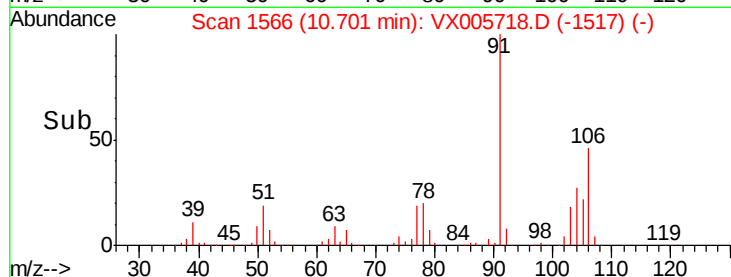
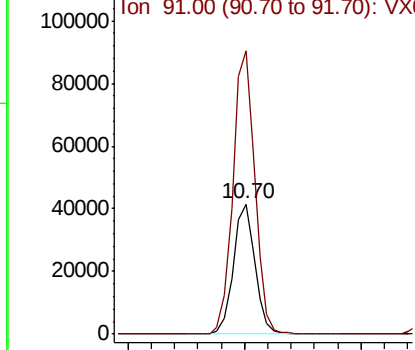
#69
o-Xylene
Concen: 20.592 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 53693
Ion Ratio Lower Upper
106 100
91 220.8 108.5 325.5

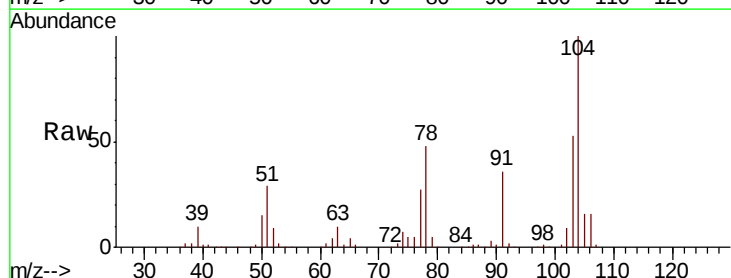


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

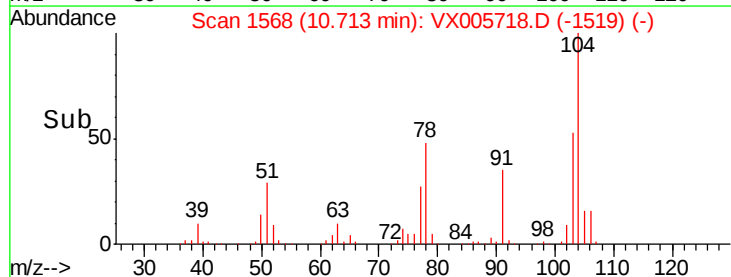
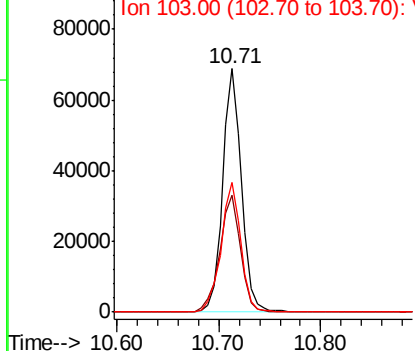


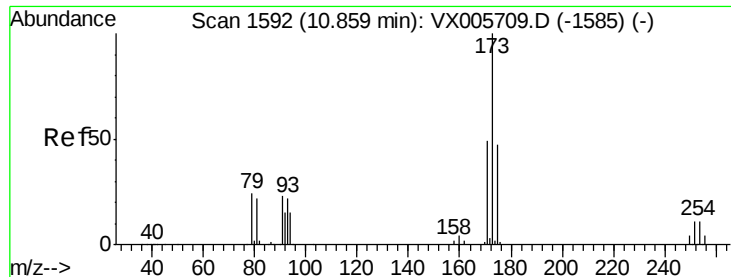
#70
Styrene
Concen: 20.442 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion:104 Resp: 88531
Ion Ratio Lower Upper
104 100
78 53.3 40.2 60.4
103 56.1 44.9 67.3



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





#71

Bromoform

Concen: 18.538 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

ClientSampleId :

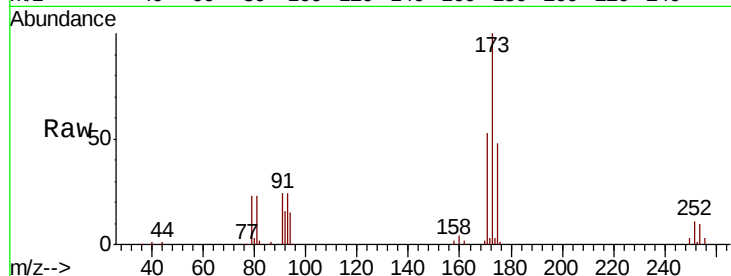
Tot Ion:173 Resp: 22105

Ion Ratio Lower Upper

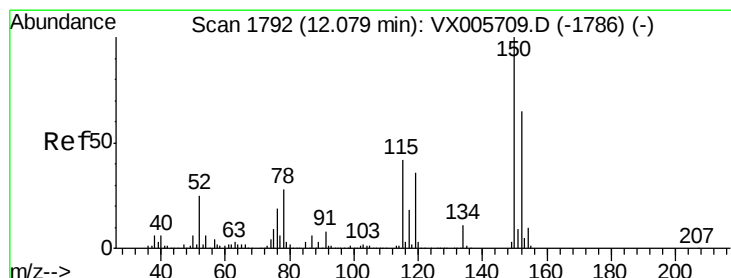
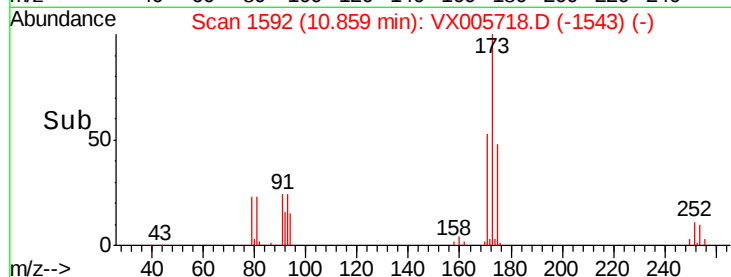
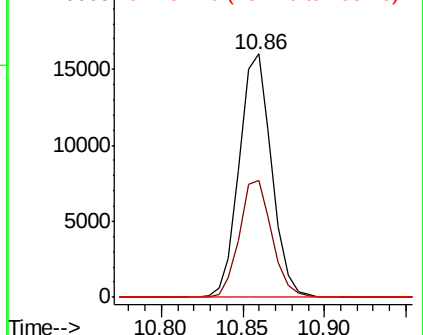
173 100

175 48.1 24.8 74.3

254 0.0 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: VX005718.D

Acq: 31 Oct 2018 20:49

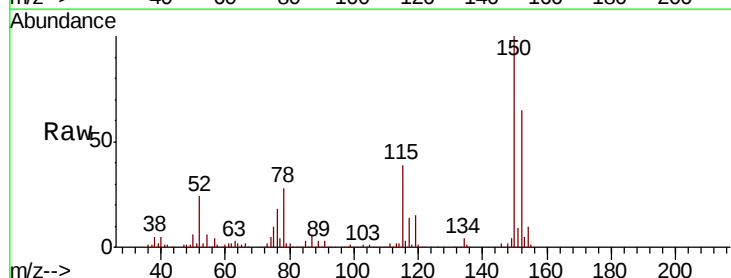
Tgt Ion:152 Resp: 102579

Ion Ratio Lower Upper

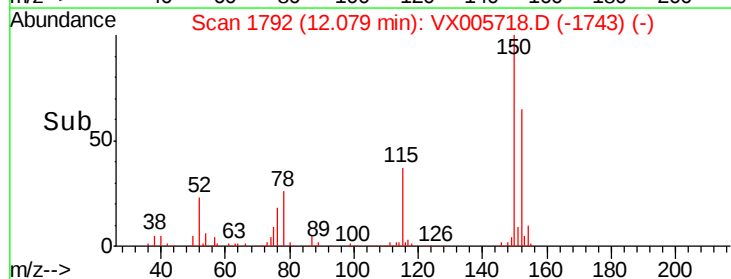
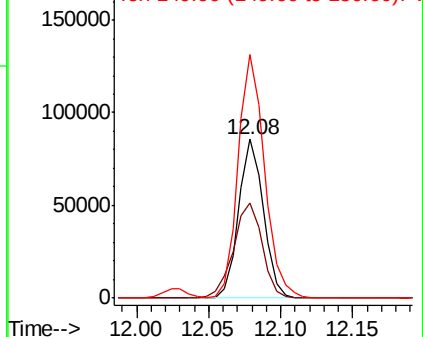
152 100

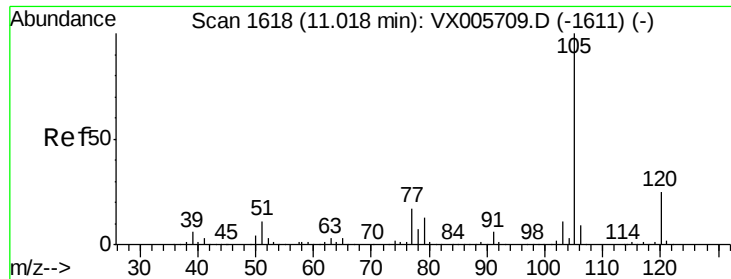
115 69.7 39.4 118.1

150 163.8 0.0 346.4



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: 21.368 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

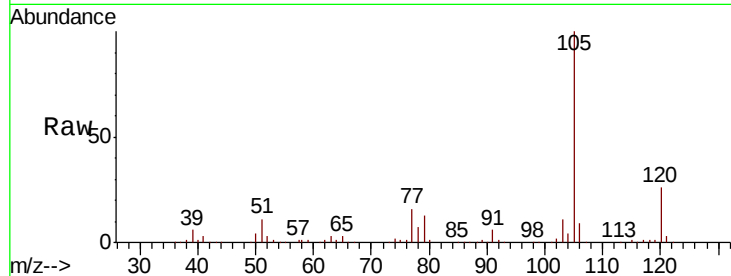
ClientSampled :

Tot Ion:105 Resp: 144610

Ion Ratio Lower Upper

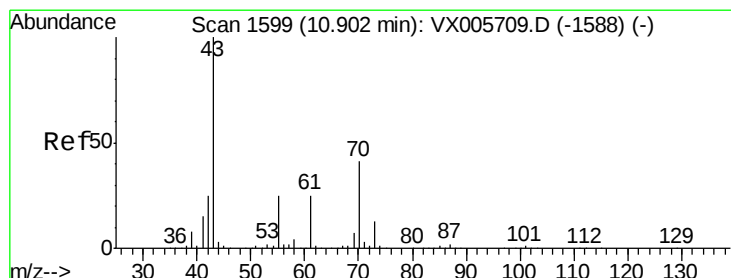
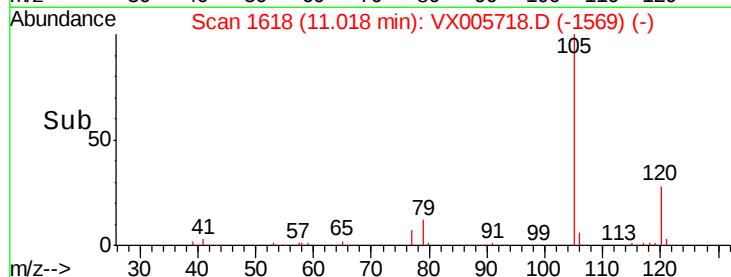
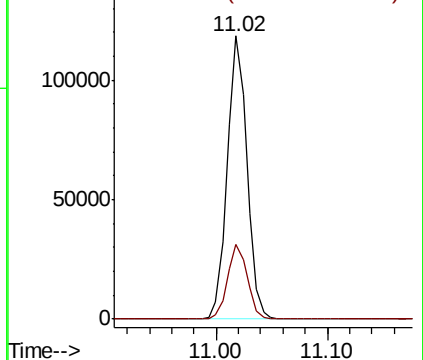
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.776 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Tgt Ion: 43 Resp: 71256

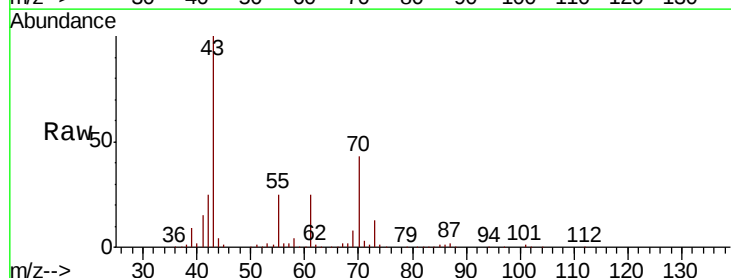
Ion Ratio Lower Upper

43 100

70 42.1 31.6 47.4

55 25.5 19.7 29.5

61 24.4 18.3 27.5

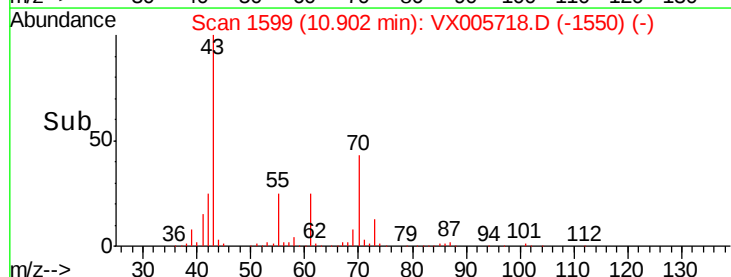
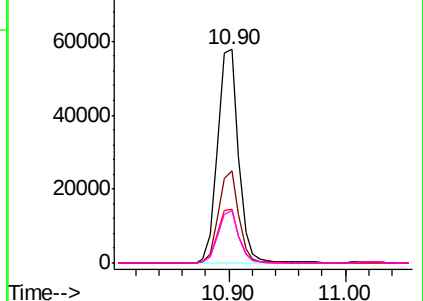


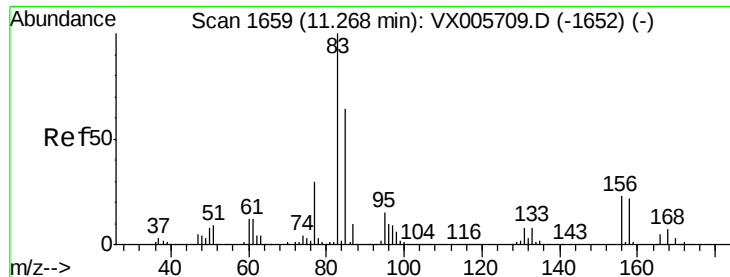
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.540 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

ClientSampled :

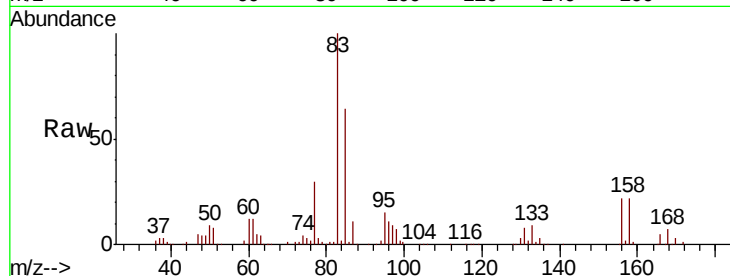
Tot Ion: 83 Resp: 54863

Ion Ratio Lower Upper

83 100

131 8.9 5.3 15.9

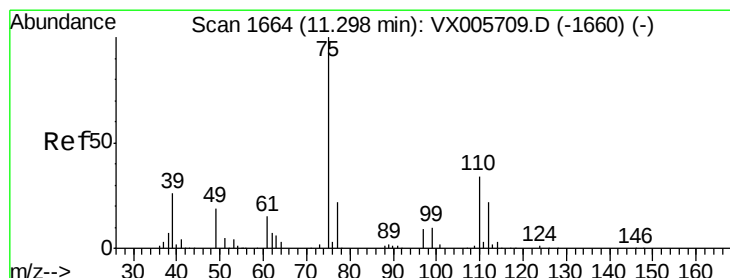
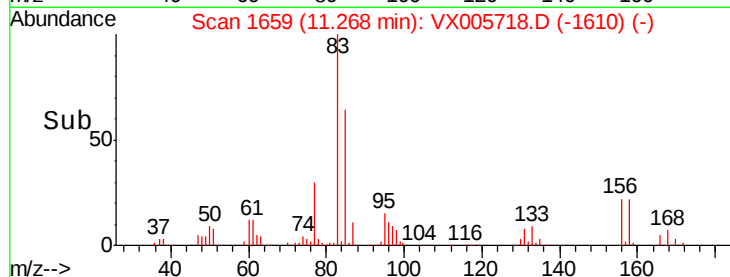
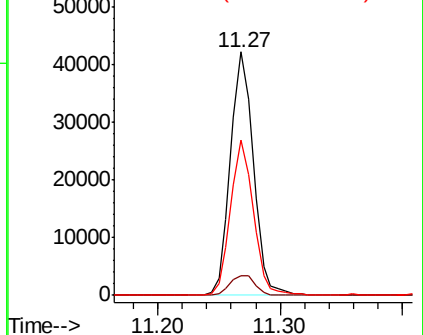
85 63.5 32.0 96.2



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: 24.394 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005718.D

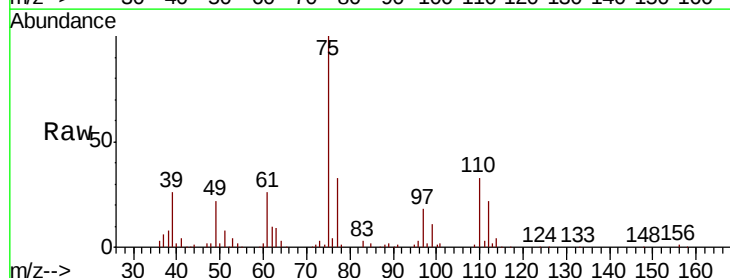
Acq: 31 Oct 2018 20:49

Tgt Ion: 75 Resp: 62323

Ion Ratio Lower Upper

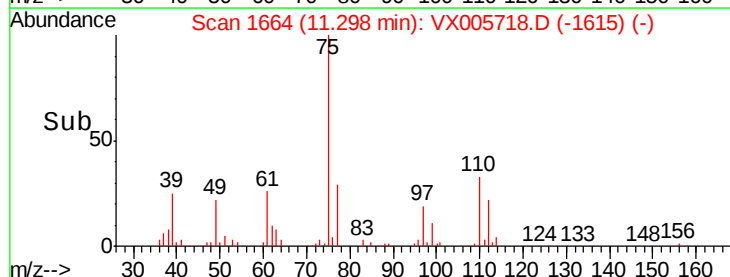
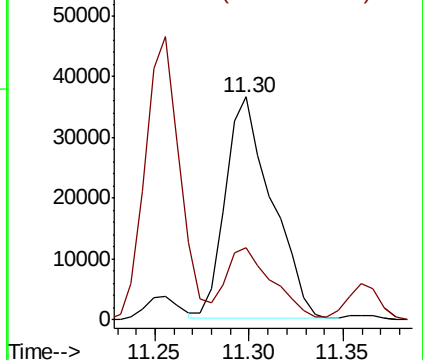
75 100

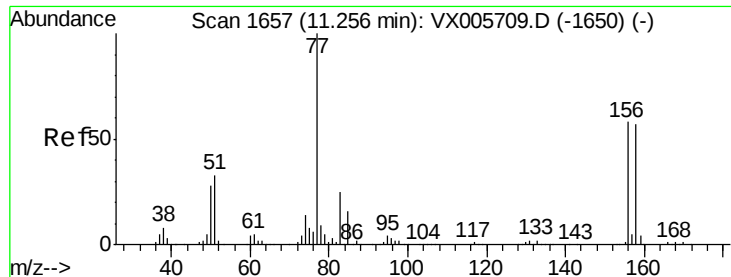
77 32.6 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.898 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

ClientSampleId :

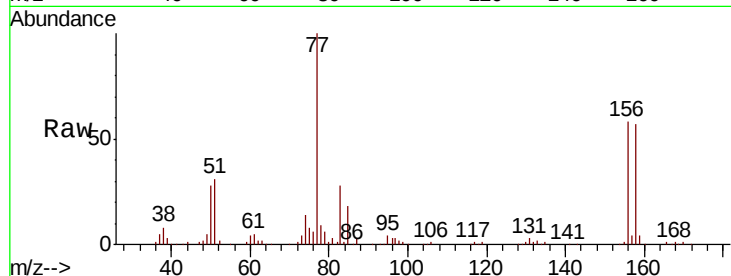
Tot Ion:156 Resp: 35084

Ion Ratio Lower Upper

156 100

77 171.6 74.8 224.4

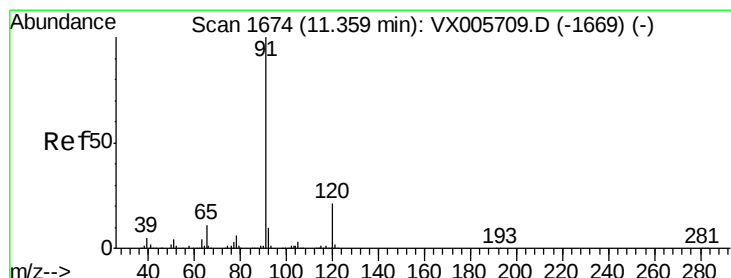
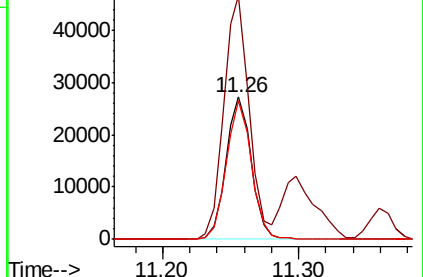
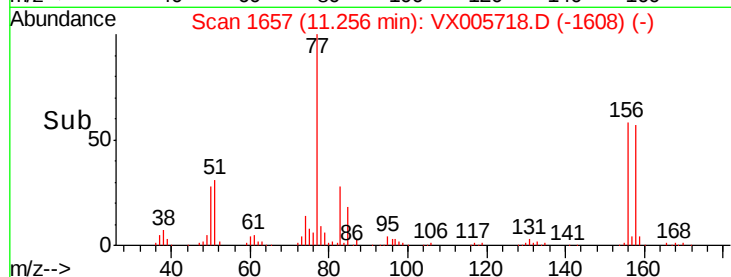
158 96.7 49.1 147.3



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: 21.170 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005718.D

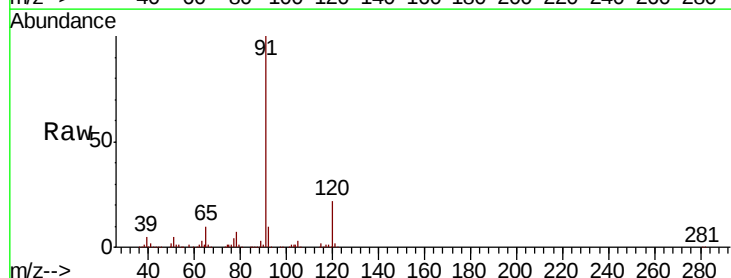
Acq: 31 Oct 2018 20:49

Tgt Ion: 91 Resp: 174286

Ion Ratio Lower Upper

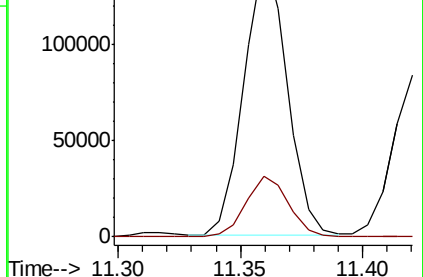
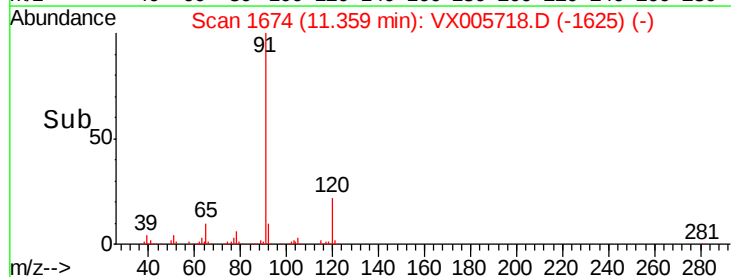
91 100

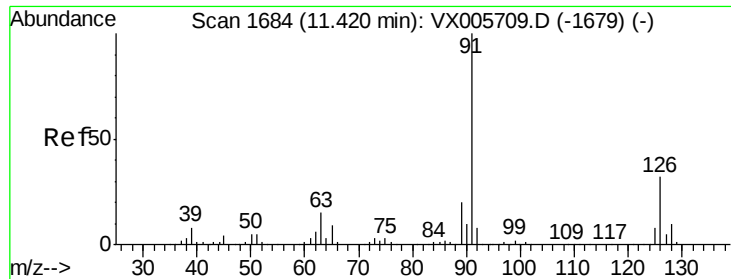
120 22.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

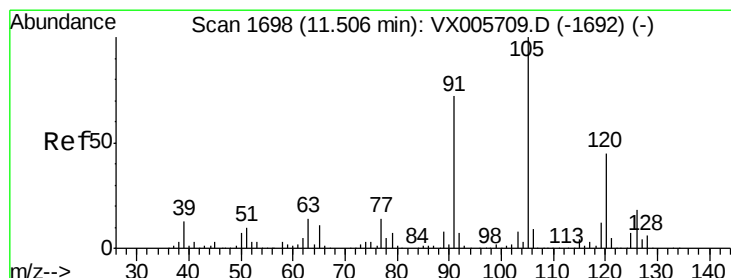
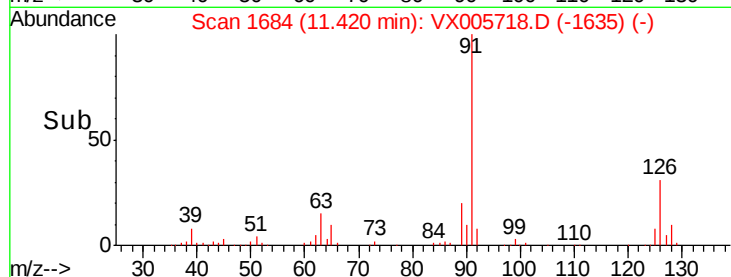
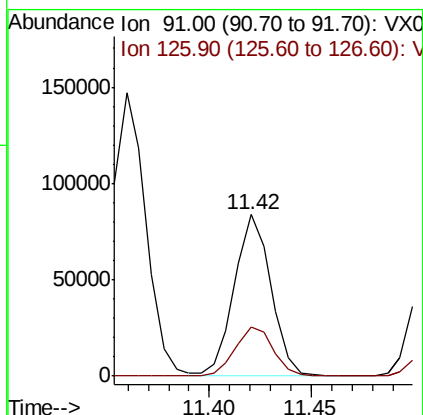
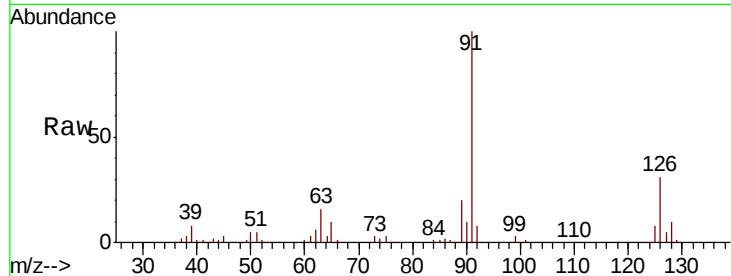




#79
 2-Chlorotoluene
 Concen: 21.051 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

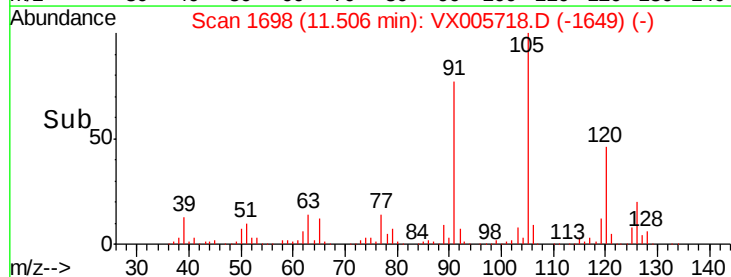
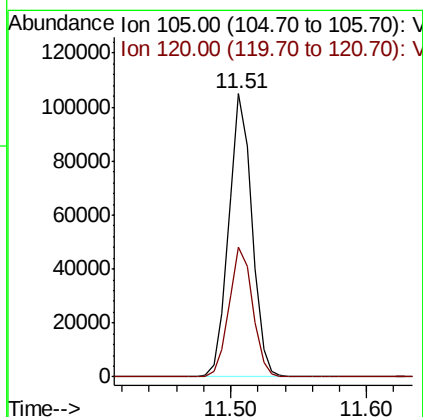
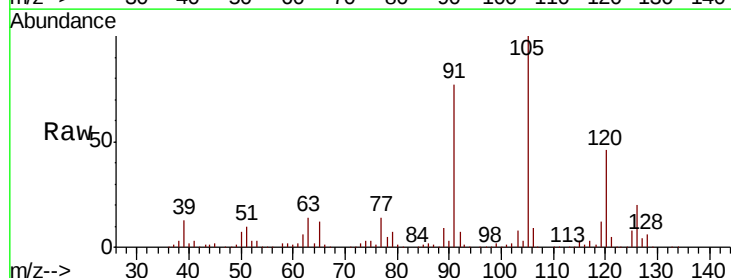
Instrument :
 MSVOA_X
 ClientSampled :

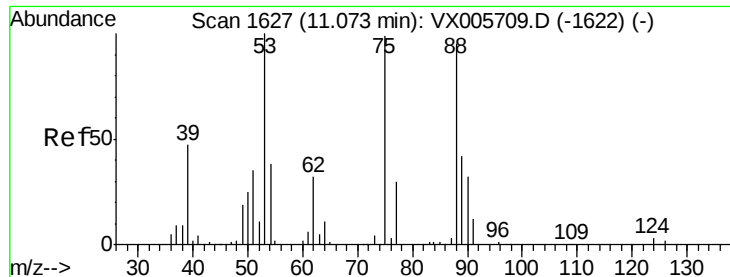
Tot Ion: 91 Resp: 103512
 Ion Ratio Lower Upper
 91 100
 126 32.2 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.549 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Tgt Ion: 105 Resp: 123823
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.517 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005718.D

Acq: 31 Oct 2018 20:49

Instrument :

MSVOA_X

ClientSampled :

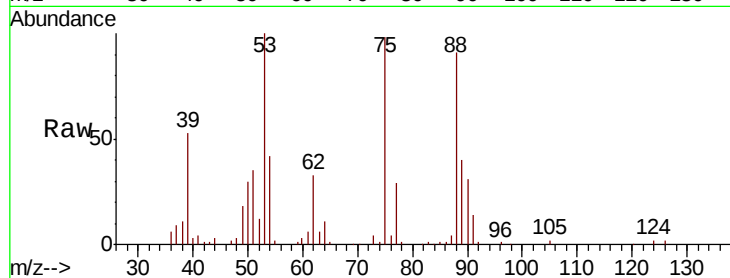
Tot Ion: 75 Resp: 14642

Ion Ratio Lower Upper

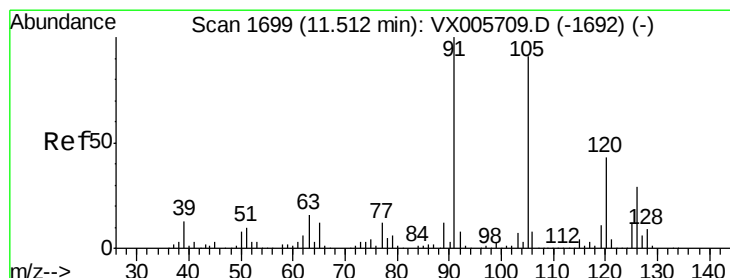
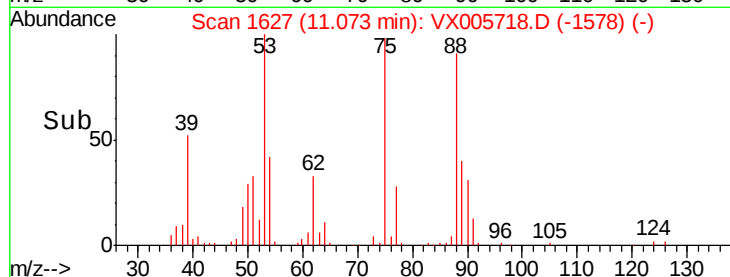
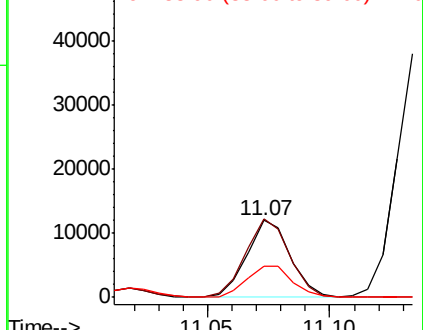
75 100

53 104.5 80.2 120.2

89 43.1 39.8 59.8



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: 20.956 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005718.D

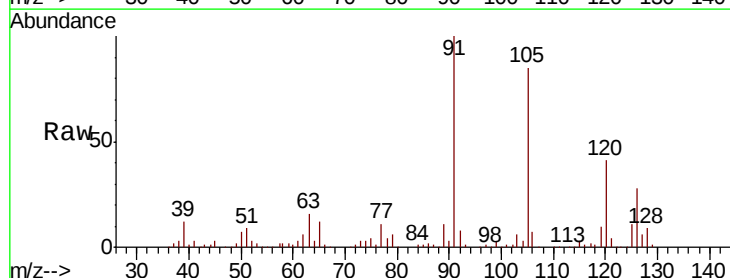
Acq: 31 Oct 2018 20:49

Tgt Ion: 91 Resp: 123016

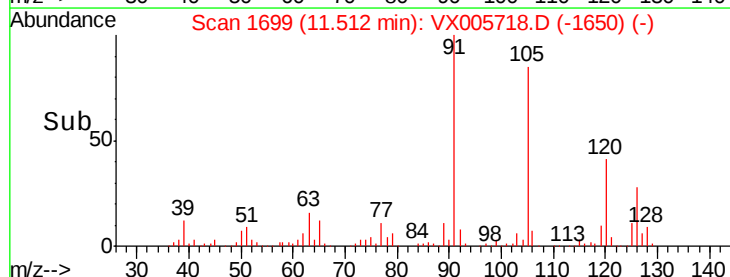
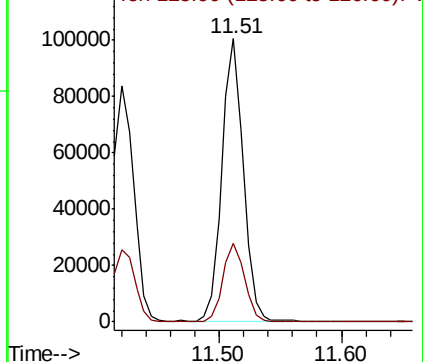
Ion Ratio Lower Upper

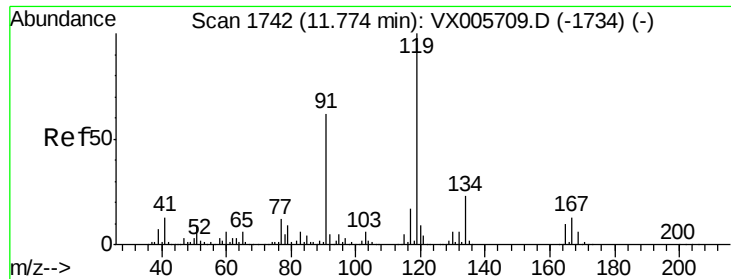
91 100

126 28.1 15.2 45.6



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

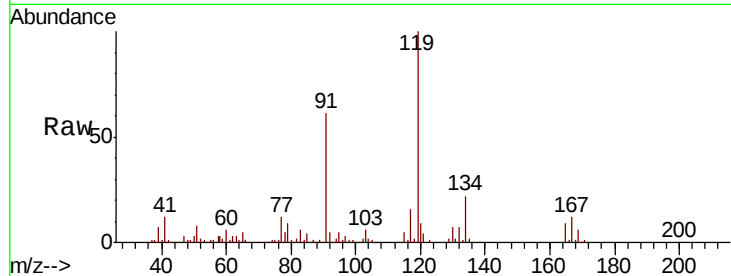




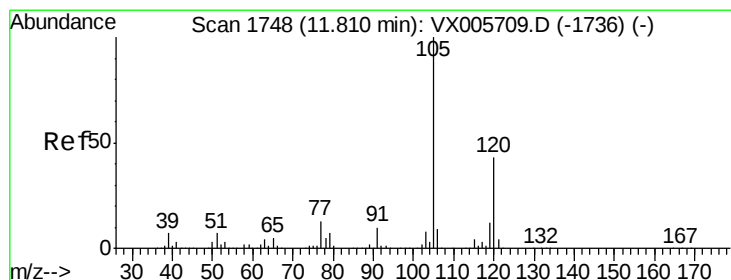
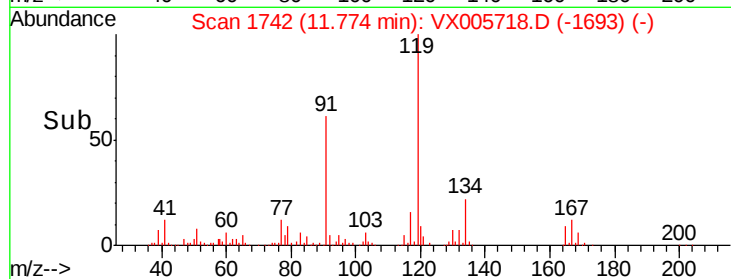
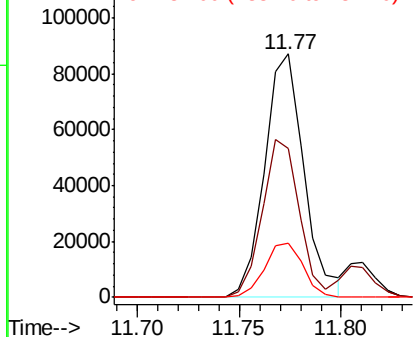
#83
tert-Butylbenzene
Concen: 21.326 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 116923
Ion Ratio Lower Upper
119 100
91 61.2 28.5 85.5
134 22.0 11.3 33.8

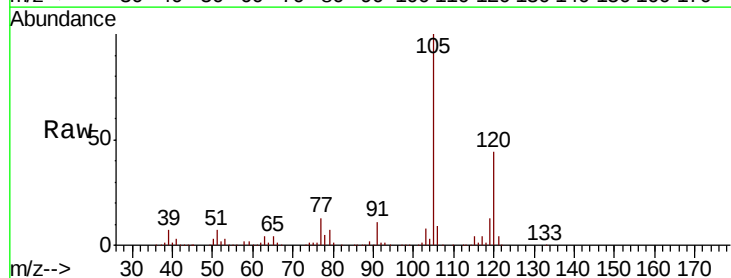


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

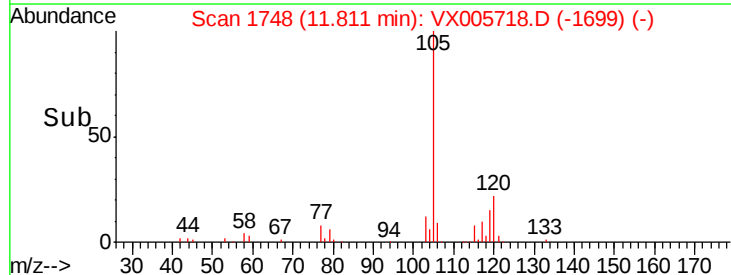
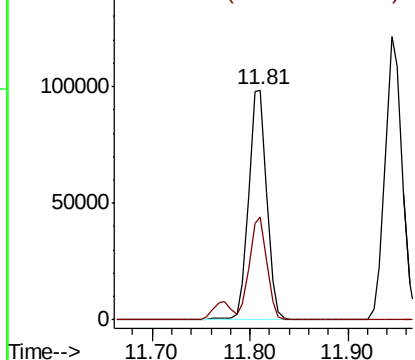


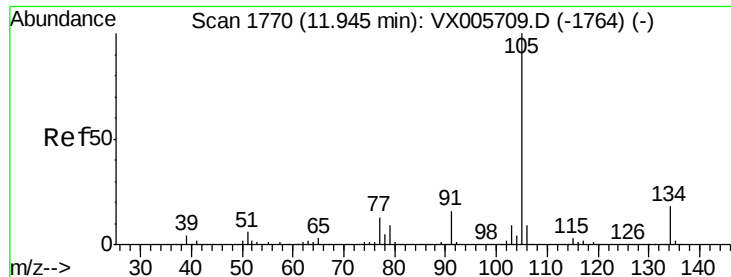
#84
1,2,4-Trimethylbenzene
Concen: 21.835 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion:105 Resp: 126696
Ion Ratio Lower Upper
105 100
120 43.0 22.4 67.0



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

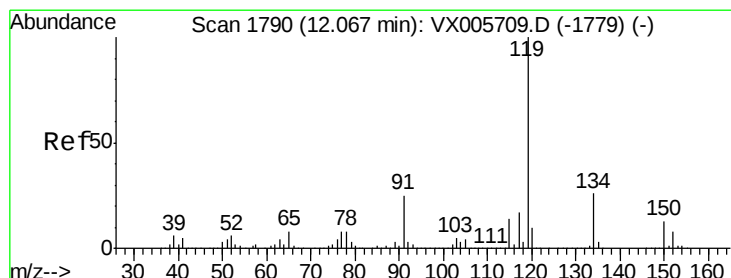
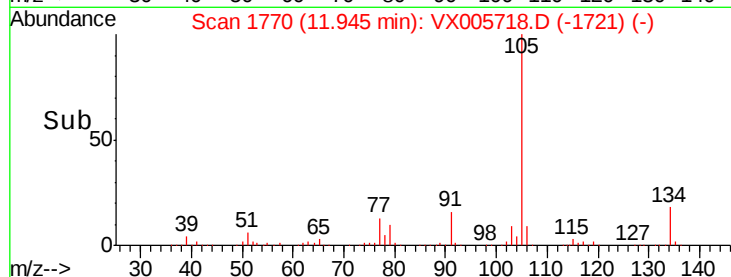
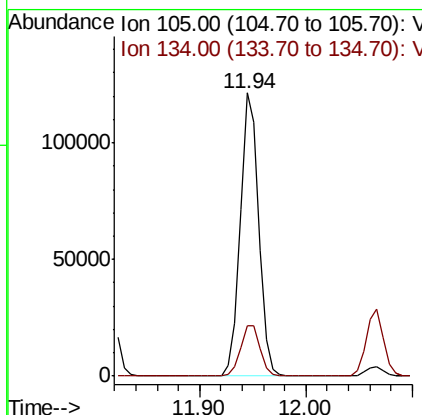
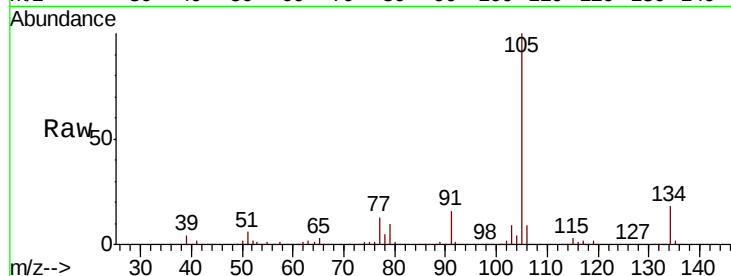




#85
 sec-Butylbenzene
 Concen: 21.007 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

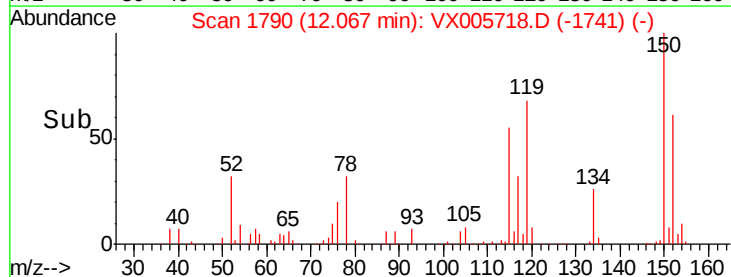
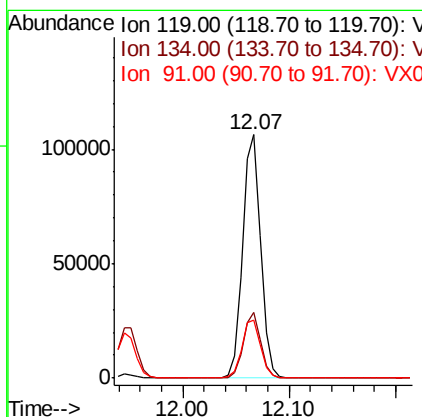
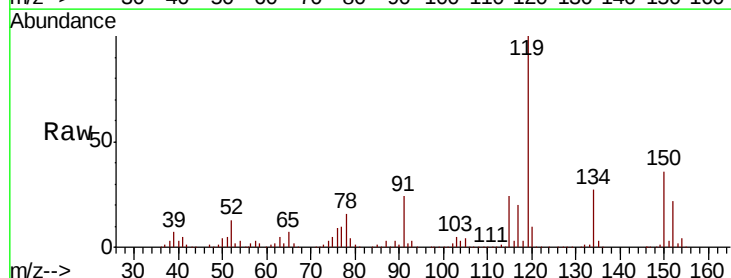
Instrument :
 MSVOA_X
 ClientSampleId :

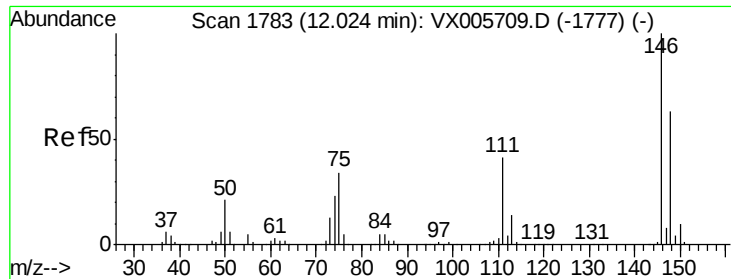
Tot Ion:105 Resp: 147740
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 21.126 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Tgt Ion:119 Resp: 126363
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.7 11.4 34.2

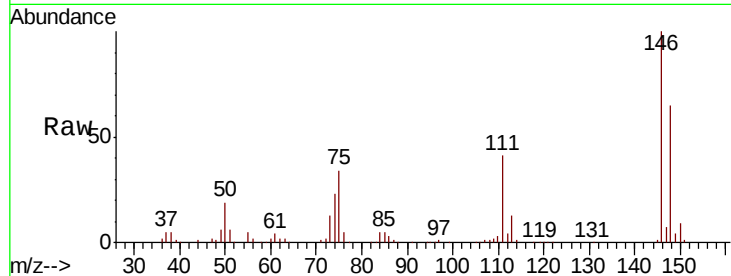




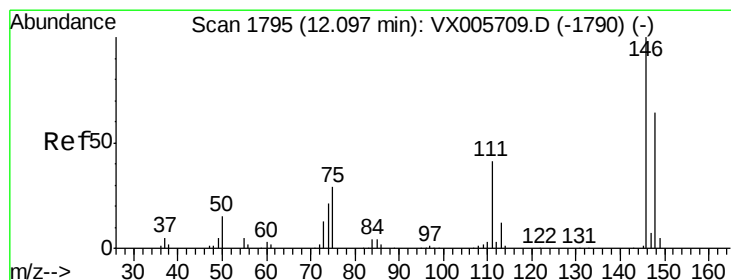
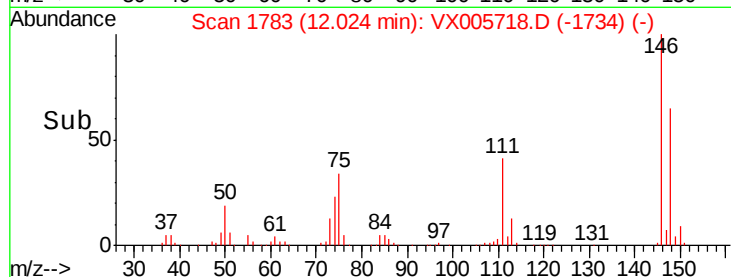
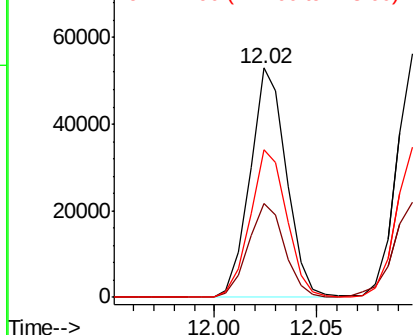
#87
 1,3-Dichlorobenzene
 Concen: 20.195 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 65555
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.0 57.0
 148 65.3 31.9 95.9

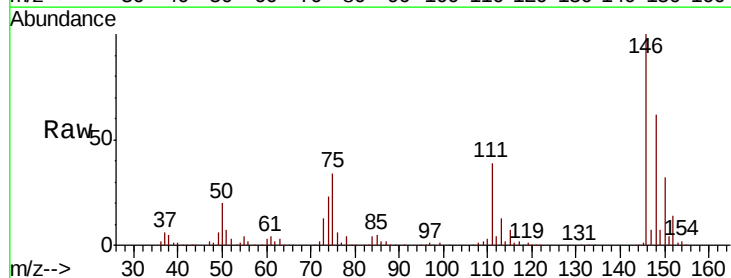


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

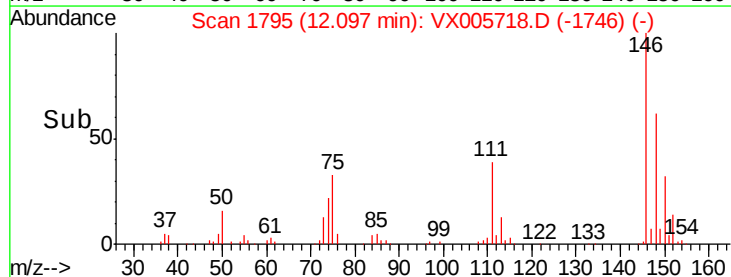
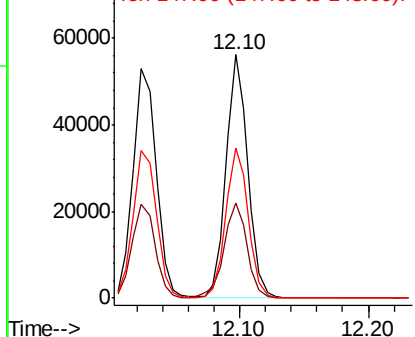


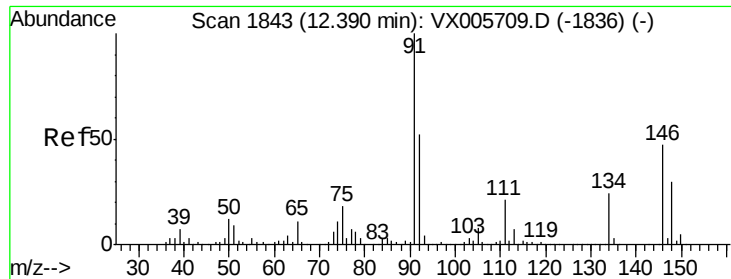
#88
 1,4-Dichlorobenzene
 Concen: 19.213 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Tgt Ion:146 Resp: 66999
 Ion Ratio Lower Upper
 146 100
 111 42.2 18.6 55.8
 148 63.9 32.1 96.3



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

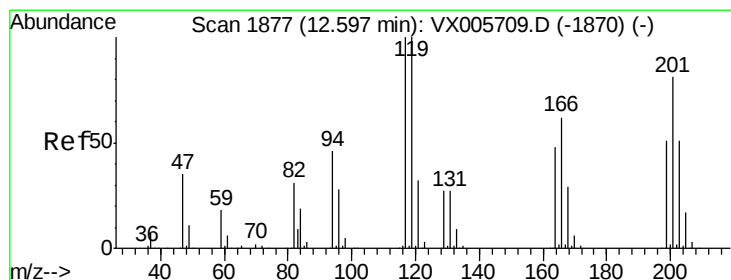
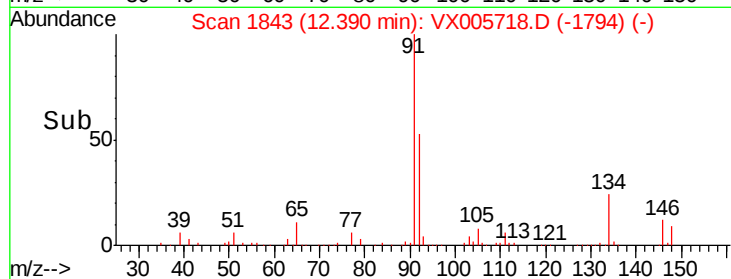
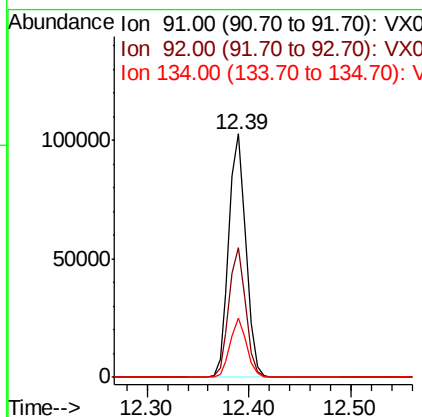
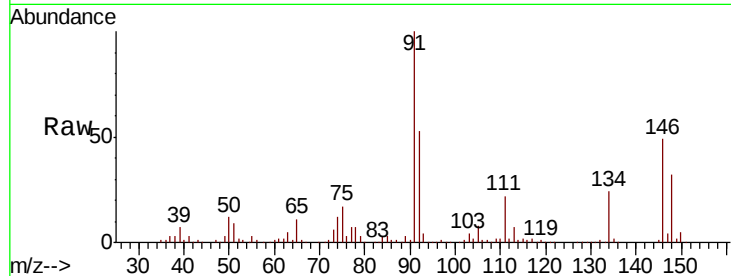




#89
n-Butylbenzene
Concen: 19.813 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

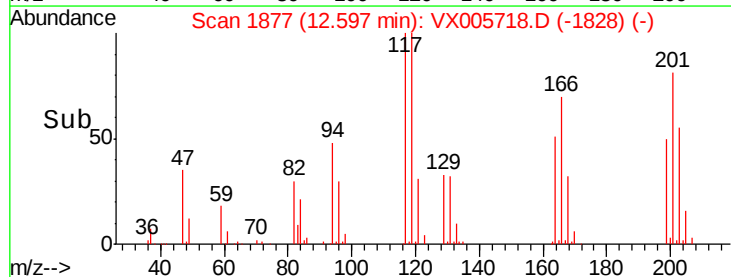
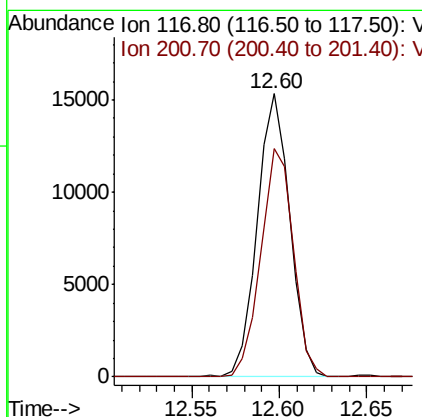
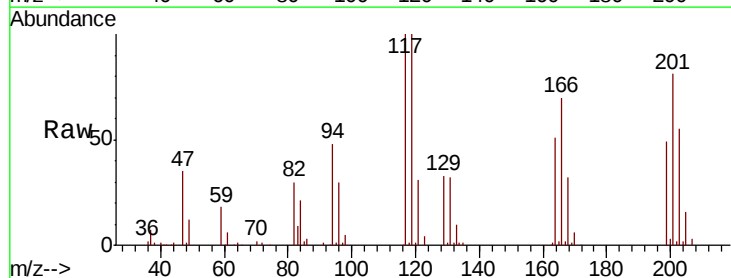
Instrument :
MSVOA_X
ClientSampleId :

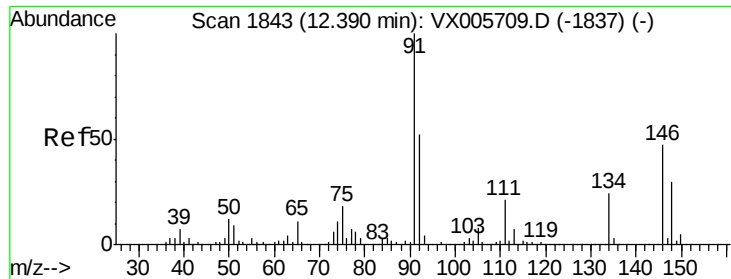
Tot Ion: 91 Resp: 119571
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.2
134 23.2 13.1 39.3



#90
Hexachloroethane
Concen: 18.737 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion: 117 Resp: 19884
Ion Ratio Lower Upper
117 100
201 80.4 47.9 143.6

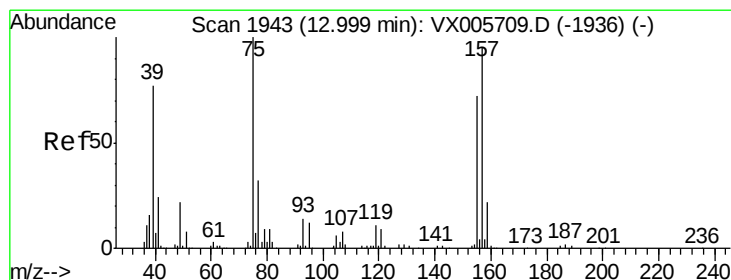
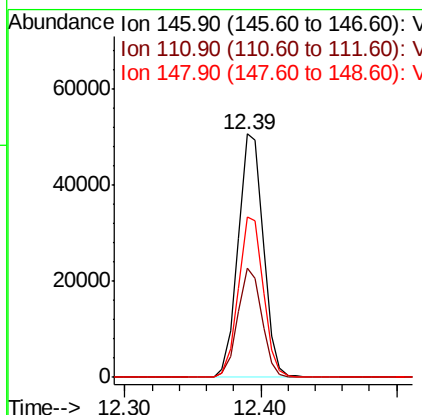
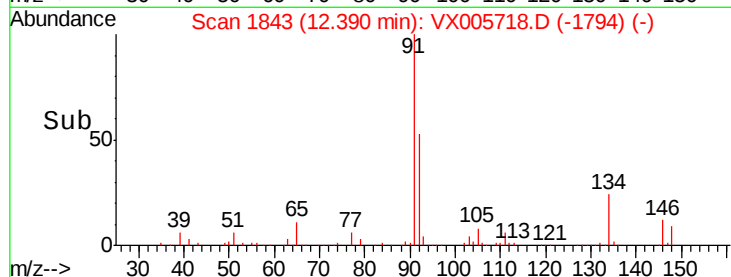
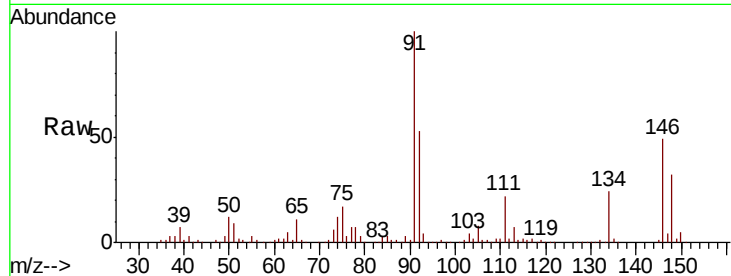




#91
 1,2-Dichlorobenzene
 Concen: 19.258 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

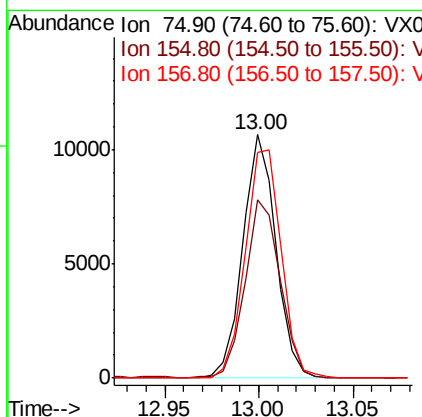
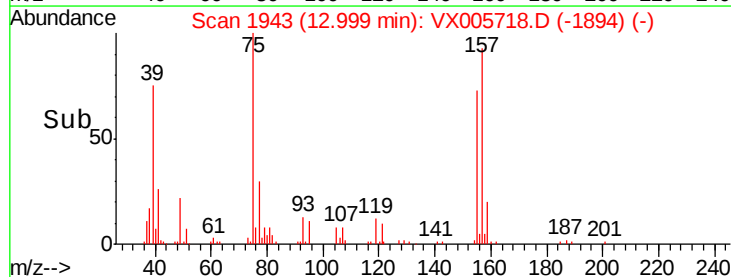
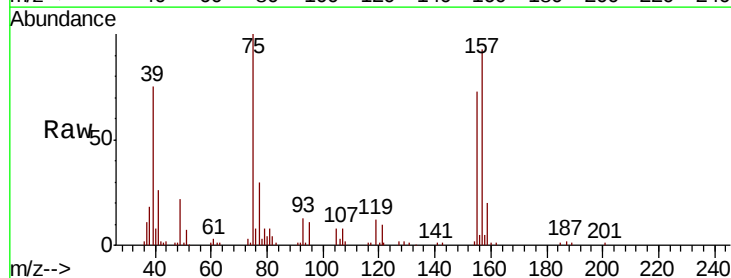
Instrument :
 MSVOA_X
 ClientSampleId :

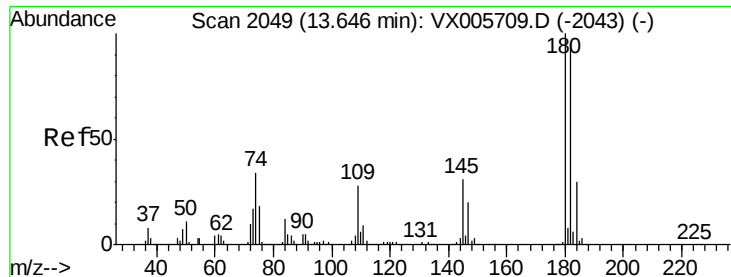
Tot Ion:146 Resp: 65307
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.0 59.9
 148 65.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.658 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Tgt Ion: 75 Resp: 12945
 Ion Ratio Lower Upper
 75 100
 155 78.2 45.4 136.1
 157 102.1 57.4 172.0

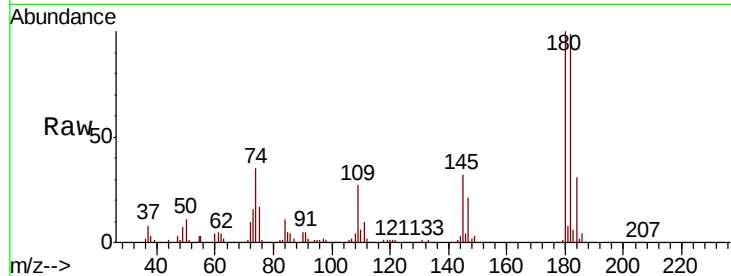




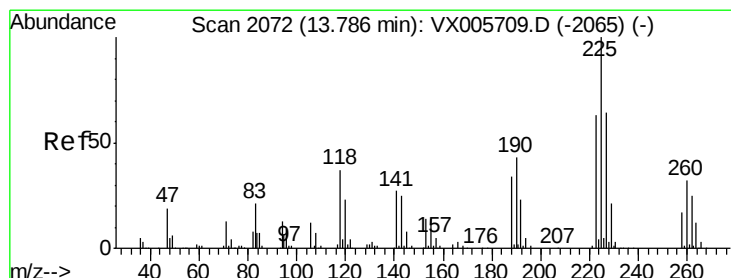
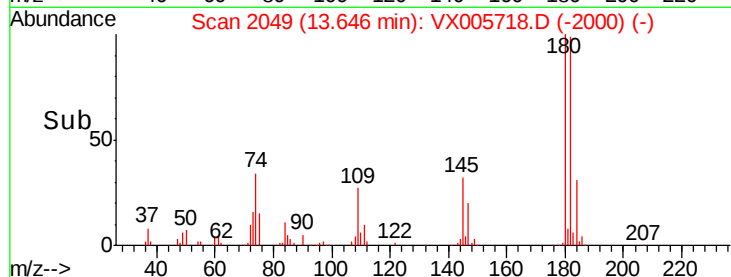
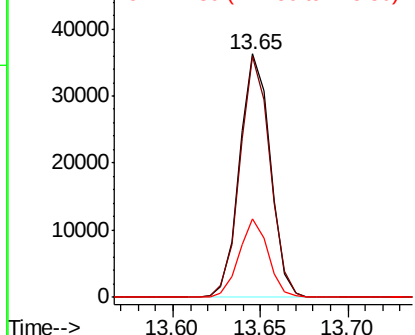
#93
 1,2,4-Trichlorobenzene
 Concen: 20.290 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 44131
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.6 142.8
 145 30.7 14.1 42.2

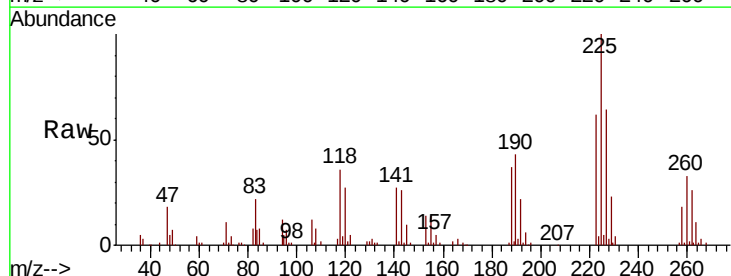


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

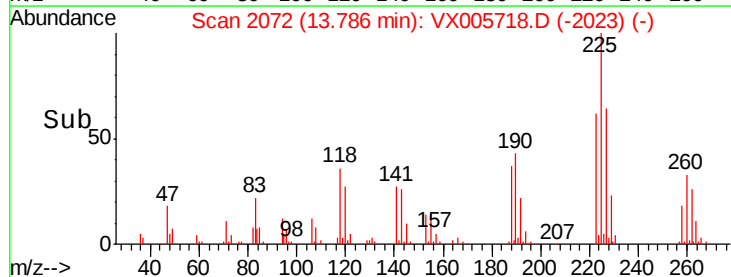
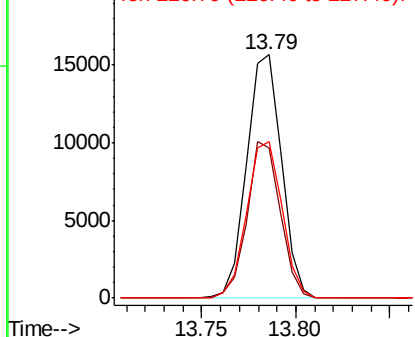


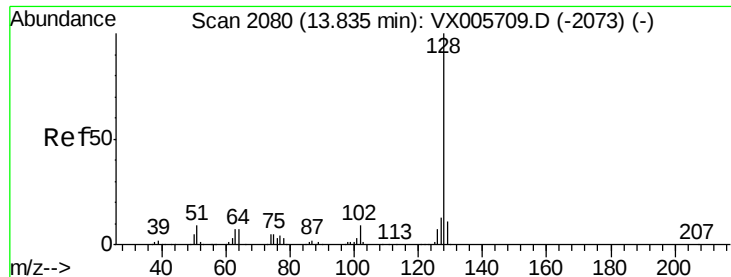
#94
 Hexachlorobutadiene
 Concen: 19.094 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005718.D
 Acq: 31 Oct 2018 20:49

Tgt Ion:225 Resp: 20091
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.7 95.1
 227 65.3 32.3 96.9



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

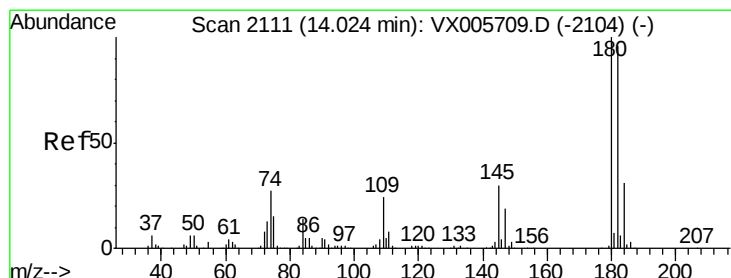
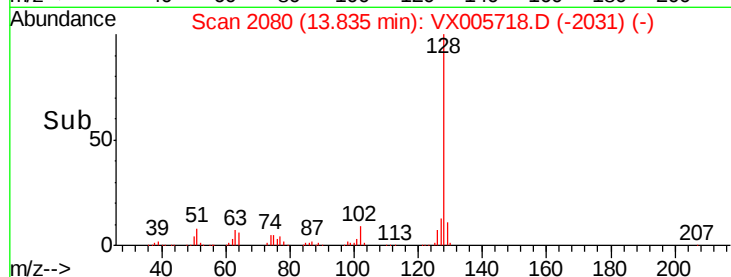
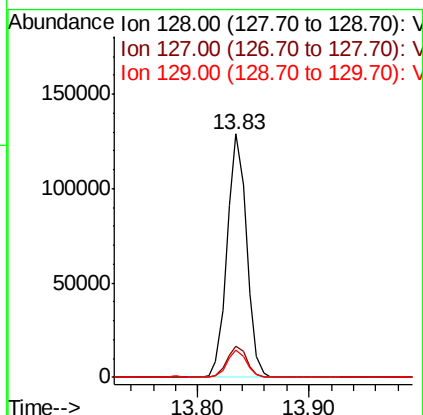
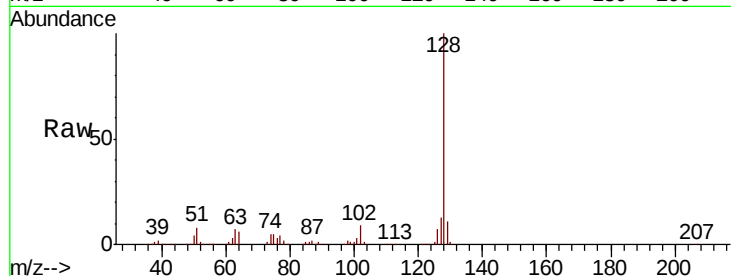




#95
Naphthalene
Concen: 21.809 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 156002
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.758 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005718.D
Acq: 31 Oct 2018 20:49

Tgt Ion:180 Resp: 45964
Ion Ratio Lower Upper
180 100
182 96.2 48.0 144.2
145 32.2 15.1 45.3

