

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006179.D
 Acq On : 26 Nov 2018 16:58
 Operator : JC/MD
 Sample : VX1126WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 02:29:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215825	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	177553	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
35) Dibromofluoromethane	5.50	113	142823	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
50) Toluene-d8	8.71	98	532918	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.13	95	191341	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	43114	20.074	ug/l	97
3) Chloromethane	1.32	50	51489	18.978	ug/l	99
4) Vinyl Chloride	1.41	62	53803	19.496	ug/l	94
5) Bromomethane	1.64	94	27352	15.644	ug/l	94
6) Chloroethane	1.73	64	32670	28.970	ug/l	99
7) Trichlorofluoromethane	1.93	101	73720	20.420	ug/l	100
8) Diethyl Ether	2.19	74	30713	20.125	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43911	20.512	ug/l	99
10) Methyl Iodide	2.51	142	44341	16.521	ug/l	100
11) Tert butyl alcohol	3.06	59	70880	99.490	ug/l	100
12) 1,1-Dichloroethene	2.38	96	41224	19.753	ug/l	96
13) Acrolein	2.29	56	36826	86.382	ug/l	100
14) Allyl chloride	2.73	41	87625	20.522	ug/l	99
15) Acrylonitrile	3.15	53	160805	102.189	ug/l	99
16) Acetone	2.45	43	165461	111.337	ug/l	100
17) Carbon Disulfide	2.57	76	119136	21.142	ug/l	98
18) Methyl Acetate	2.78	43	86218	22.623	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	155164	21.510	ug/l	99
20) Methylene Chloride	2.86	84	48809	21.500	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	45347	20.768	ug/l	93
22) Diisopropyl ether	3.87	45	173651	18.999	ug/l	91
23) Vinyl Acetate	3.82	43	766615	101.096	ug/l	100
24) 1,1-Dichloroethane	3.70	63	89034	20.676	ug/l	99
25) 2-Butanone	4.70	43	282040	102.245	ug/l	99
26) 2,2-Dichloropropane	4.59	77	81565	22.982	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61018	19.994	ug/l	98
28) Bromochloromethane	5.02	49	52219	20.807	ug/l	98
29) Tetrahydrofuran	5.15	42	177202	102.978	ug/l	99
30) Chloroform	5.21	83	105897	20.294	ug/l	100
31) Cyclohexane	5.57	56	88008	19.566	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	90438	21.464	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74957	19.540	ug/l	97
37) Ethyl Acetate	4.85	43	100122	20.287	ug/l	99
38) Carbon Tetrachloride	5.78	117	77394	21.465	ug/l	100

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Quant Time: Nov 27 02:29:22 2018
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 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86351	19.759	ug/l	97
40) Benzene	6.15	78	228471	20.216	ug/l	100
41) Methacrylonitrile	5.06	41	54490	20.035	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85890	20.328	ug/l	99
43) Isopropyl Acetate	6.46	43	145899	20.470	ug/l	99
44) Trichloroethene	7.21	130	62505	19.899	ug/l	97
45) 1,2-Dichloropropane	7.52	63	62137	20.775	ug/l	97
46) Dibromomethane	7.66	93	40927	19.981	ug/l	99
47) Bromodichloromethane	7.90	83	76961	20.315	ug/l	96
48) Methyl methacrylate	7.77	41	77320	21.390	ug/l	99
49) 1,4-Dioxane	7.75	88	30121	351.232	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	529889	103.705	ug/l	99
52) Toluene	8.79	92	144356	20.651	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	84792	21.449	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	91183	20.865	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	61796	20.412	ug/l	97
56) Ethyl methacrylate	9.18	69	86083	20.079	ug/l	98
57) 1,3-Dichloropropane	9.37	76	102336	20.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	255809	101.333	ug/l	100
59) 2-Hexanone	9.49	43	420714	103.752	ug/l	100
60) Dibromochloromethane	9.59	129	62716	21.130	ug/l	99
61) 1,2-Dibromoethane	9.67	107	64924	20.816	ug/l	99
64) Tetrachloroethene	9.34	164	62644	19.155	ug/l	97
65) Chlorobenzene	10.14	112	166251	20.395	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59004	21.084	ug/l	99
67) Ethyl Benzene	10.25	91	274974	20.602	ug/l	100
68) m/p-Xylenes	10.36	106	214481	41.268	ug/l	100
69) o-Xylene	10.70	106	100317	20.207	ug/l	99
70) Styrene	10.71	104	165401	20.434	ug/l	98
71) Bromoform	10.86	173	51743	20.655	ug/l #	97
73) Isopropylbenzene	11.02	105	277941	21.284	ug/l	100
74) N-amyl acetate	10.90	43	128847	20.701	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	100651	20.452	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	115105	25.905	ug/l	88
77) Bromobenzene	11.26	156	74830	20.456	ug/l	100
78) n-propylbenzene	11.36	91	321270	21.125	ug/l	99
79) 2-Chlorotoluene	11.42	91	193369	21.017	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	236009	21.436	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28613	21.780	ug/l	96
82) 4-Chlorotoluene	11.51	91	225757	21.026	ug/l	99
83) tert-Butylbenzene	11.77	119	229193	21.323	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	242225	21.568	ug/l	99
85) sec-Butylbenzene	11.94	105	280173	21.311	ug/l	99
86) p-Isopropyltoluene	12.07	119	246343	21.016	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	136636	20.257	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	138768	19.846	ug/l	99
89) n-Butylbenzene	12.39	91	211761	19.953	ug/l	99
90) Hexachloroethane	12.60	117	40743	21.781	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	138808	20.129	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23330	20.430	ug/l	99

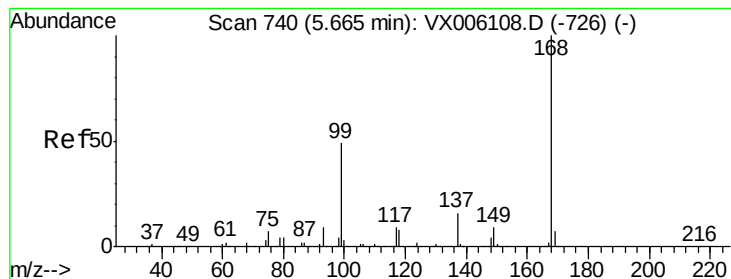
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96776	19.922	ug/l	100
94) Hexachlorobutadiene	13.78	225	47500	20.063	ug/l	99
95) Naphthalene	13.83	128	305277	21.371	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101645	20.524	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

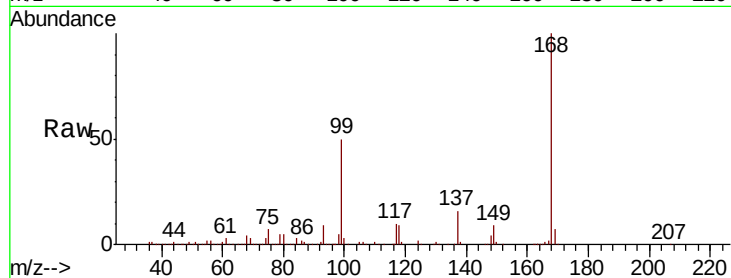
ClientSampleId :

Tot Ion:168 Resp: 289024

Ion Ratio Lower Upper

168 100

99 50.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

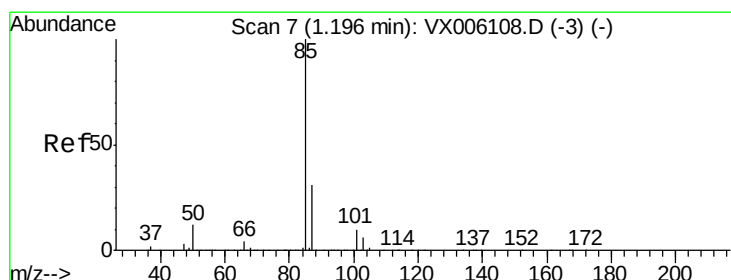
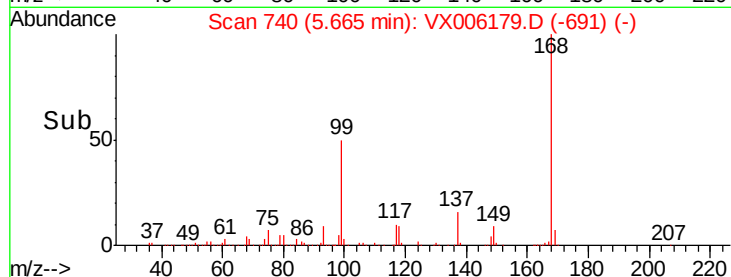
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.074 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006179.D

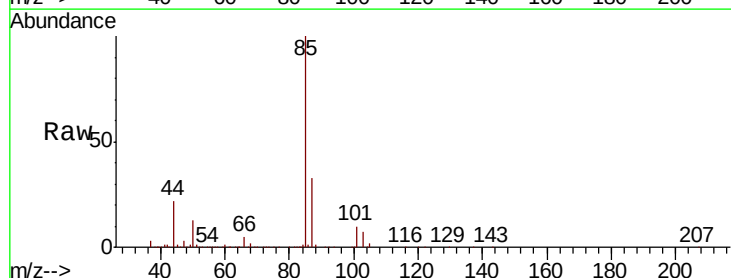
Acq: 26 Nov 2018 16:58

Tgt Ion: 85 Resp: 43114

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

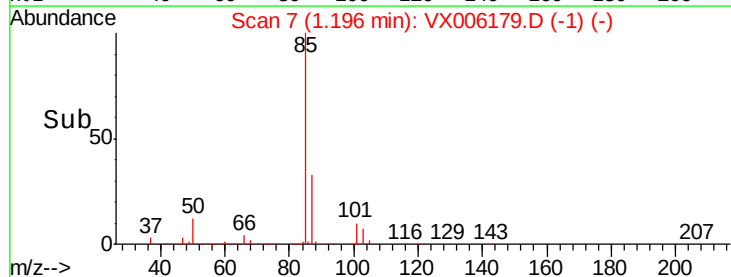
20000

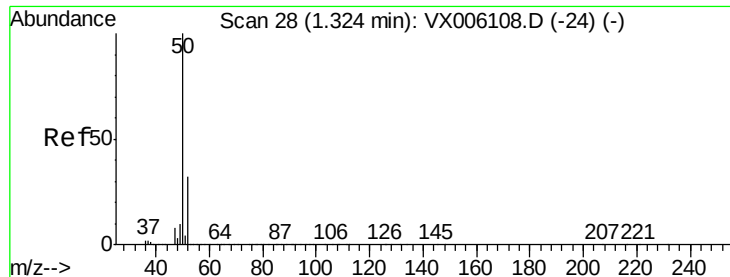
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.978 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

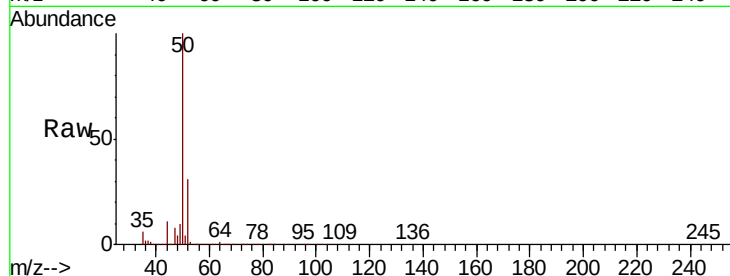
ClientSampled :

Tot Ion: 50 Resp: 51489

Ion Ratio Lower Upper

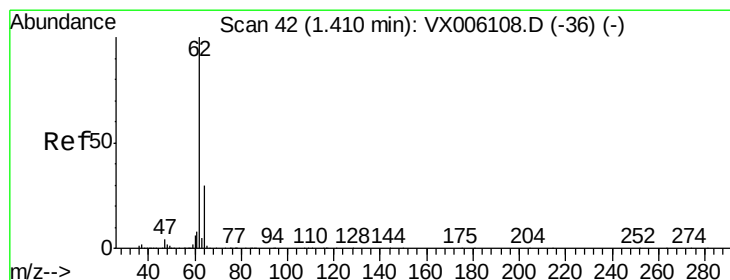
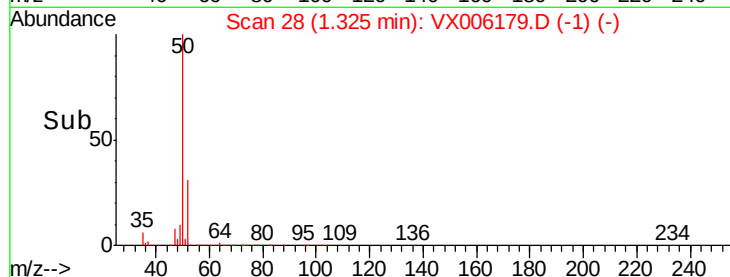
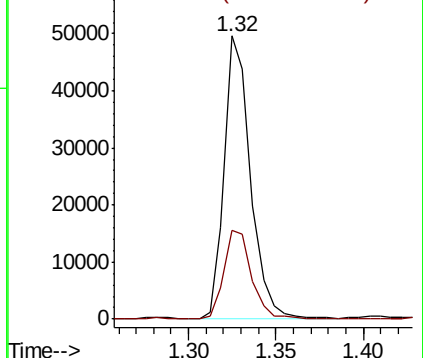
50 100

52 31.2 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.496 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006179.D

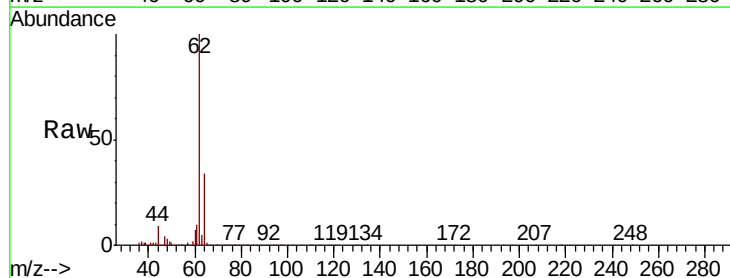
Acq: 26 Nov 2018 16:58

Tgt Ion: 62 Resp: 53803

Ion Ratio Lower Upper

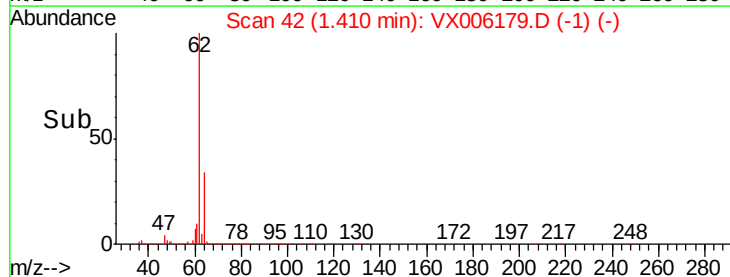
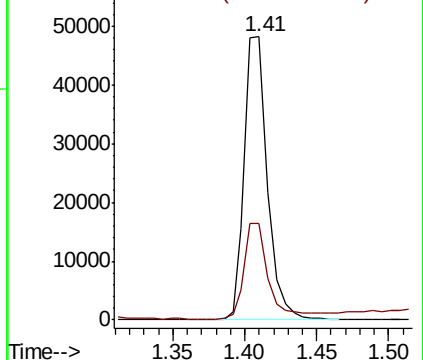
62 100

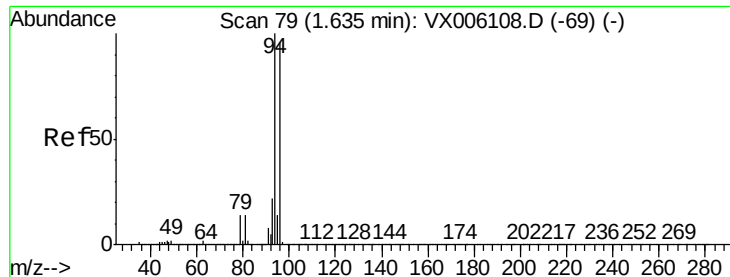
64 33.7 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.644 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

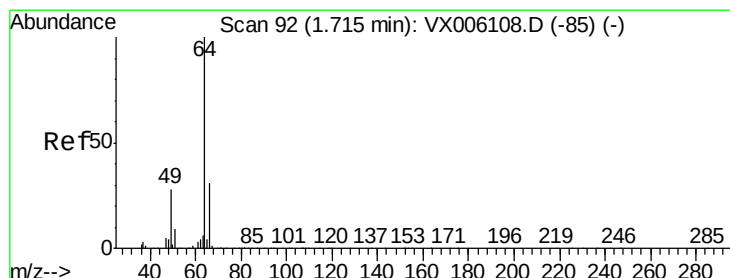
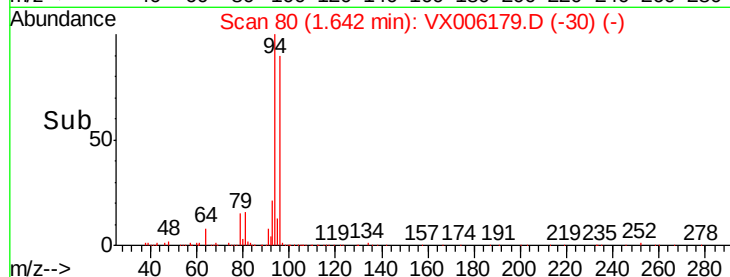
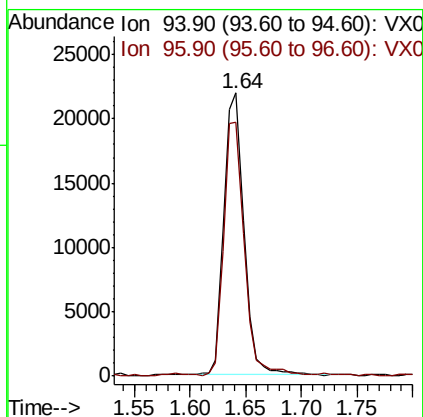
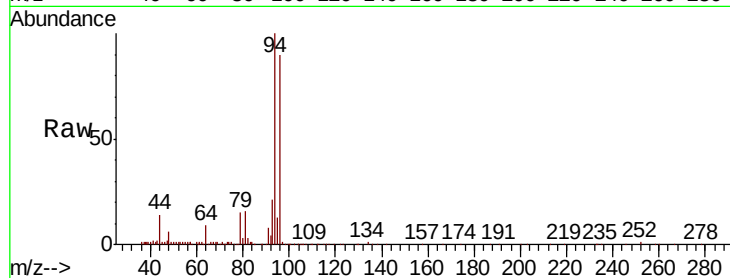
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 27352

Ion Ratio Lower Upper

94 100

96 89.7 76.7 115.1



#6

Chloroethane

Concen: 28.970 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006179.D

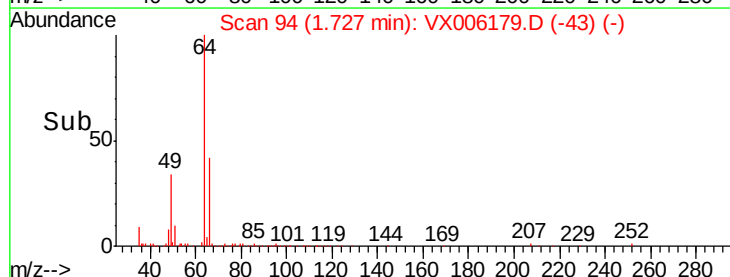
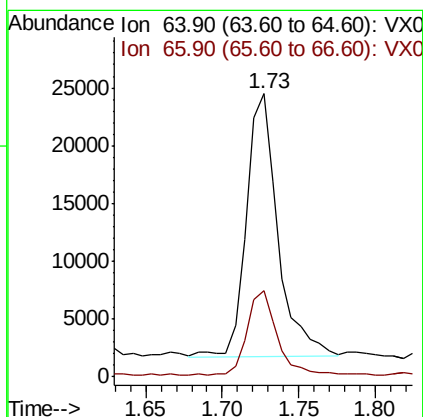
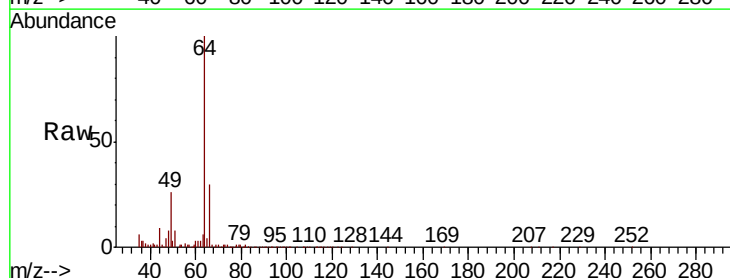
Acq: 26 Nov 2018 16:58

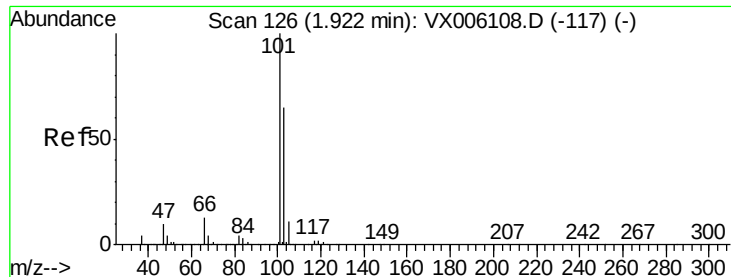
Tgt Ion: 64 Resp: 32670

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7



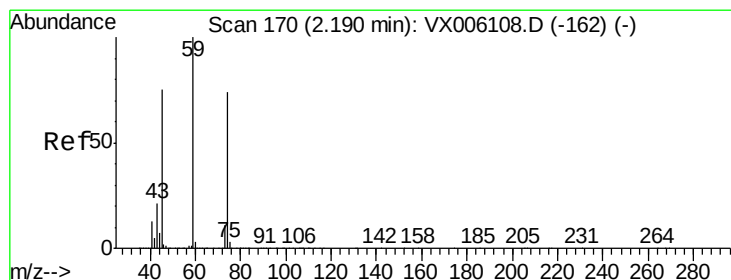
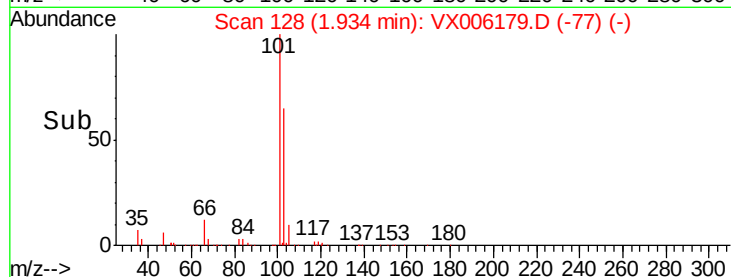
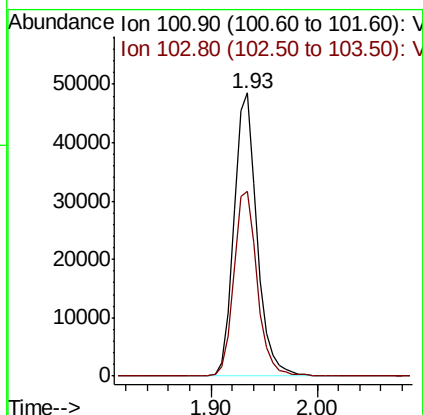
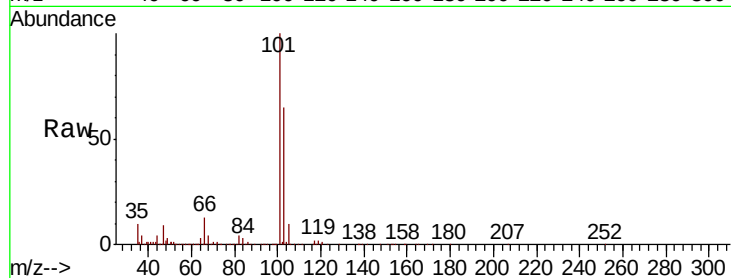


#7

Trichlorofluoromethane
 Concen: 20.420 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampled :

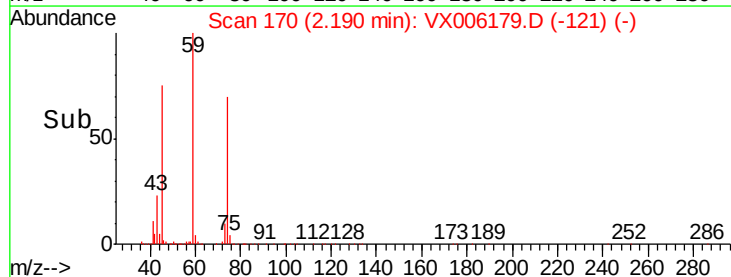
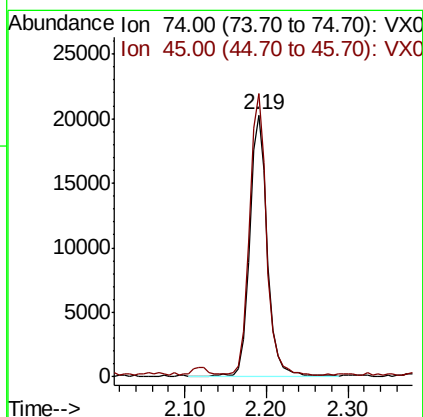
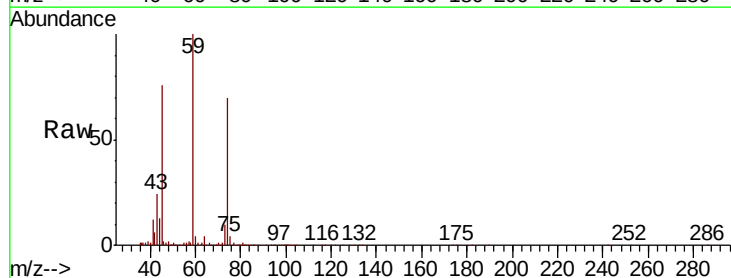
Tot Ion:101 Resp: 73720
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.1 78.1

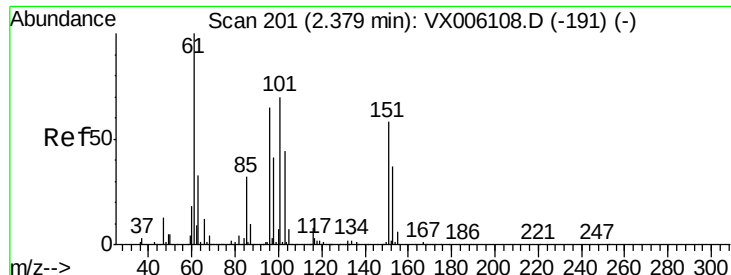


#8

Diethyl Ether
 Concen: 20.125 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 74 Resp: 30713
 Ion Ratio Lower Upper
 74 100
 45 102.5 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.512 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

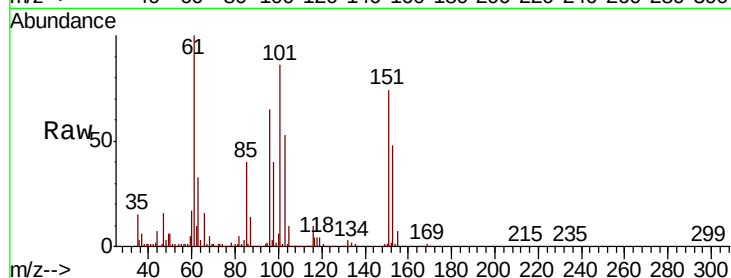
Tot Ion:101 Resp: 43911

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

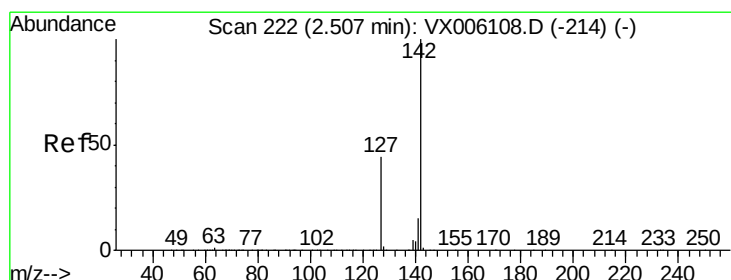
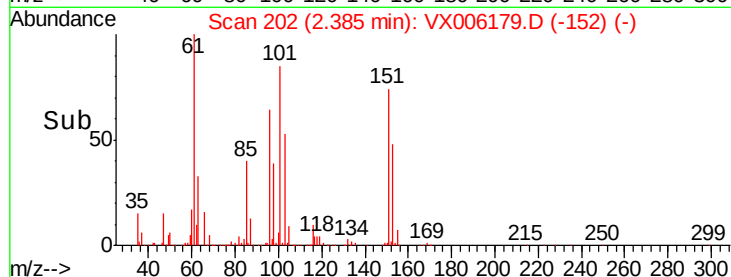
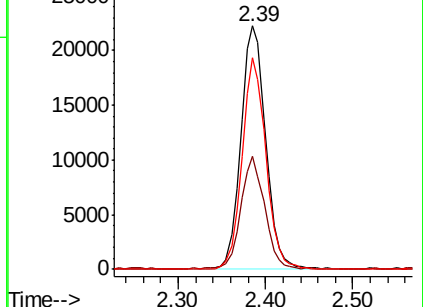
151 83.2 65.8 98.6



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: 16.521 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

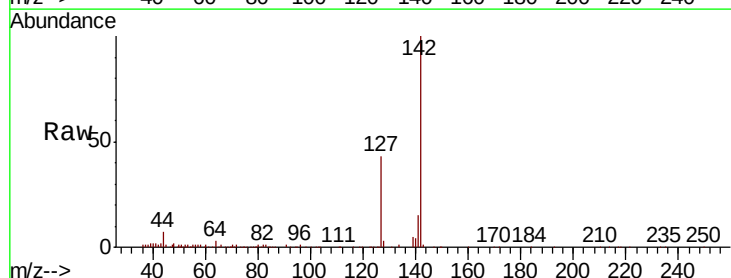
Tgt Ion:142 Resp: 44341

Ion Ratio Lower Upper

142 100

127 45.0 36.0 54.0

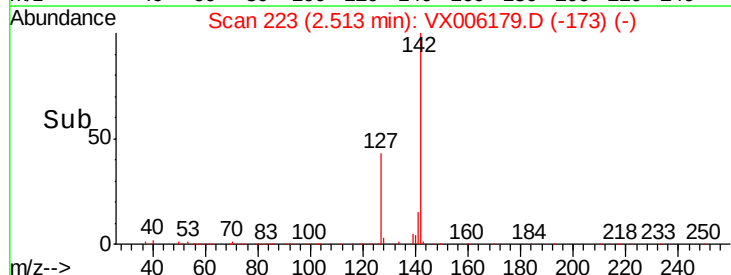
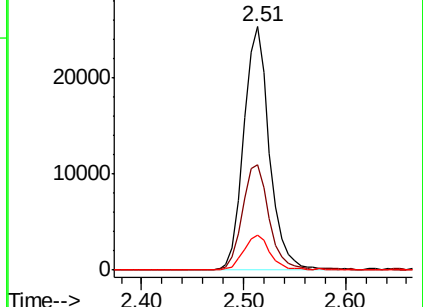
141 14.8 11.7 17.5

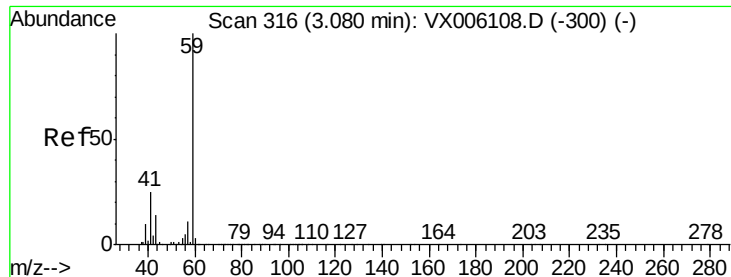


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



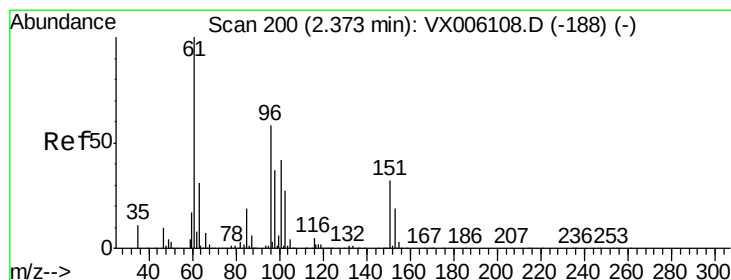
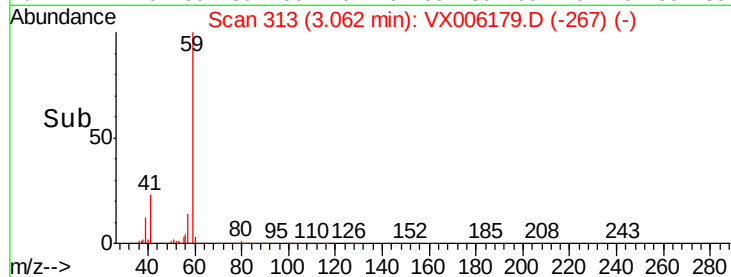
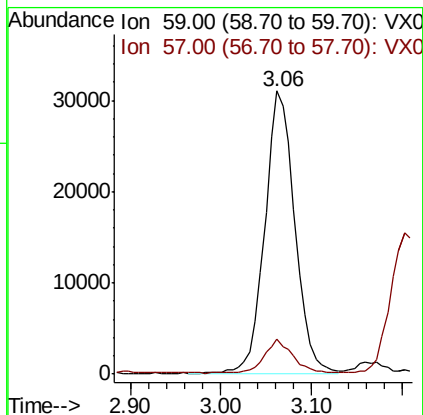
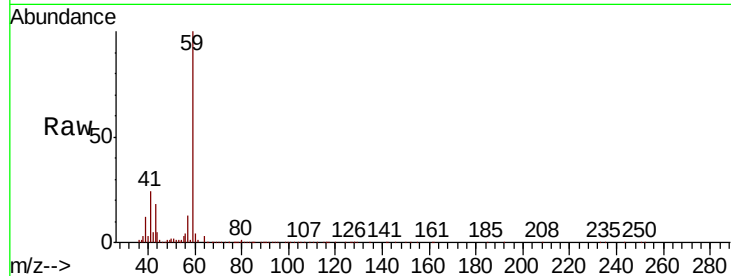


#11

Tert butyl alcohol
 Concen: 99.490 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :

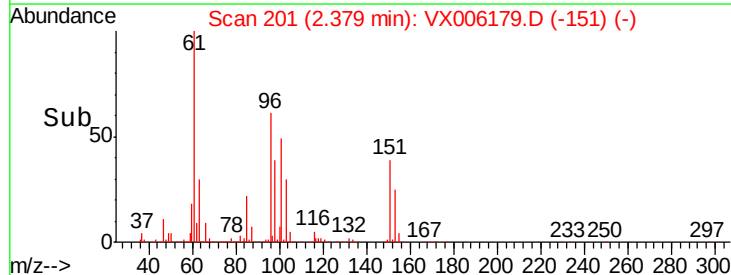
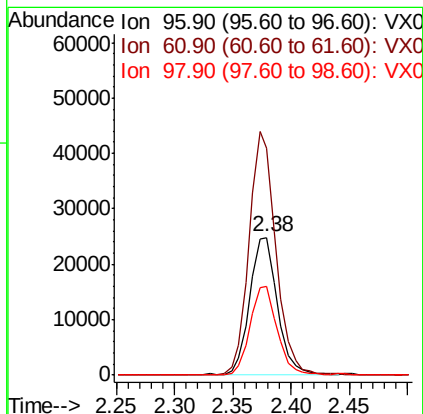
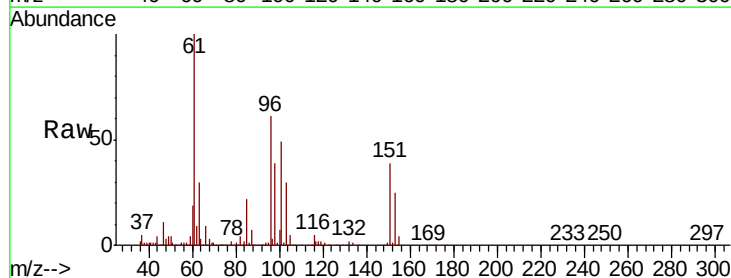
Tot Ion: 59 Resp: 70880
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.7 13.1

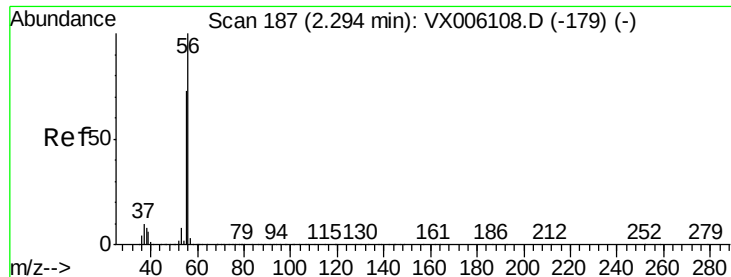


#12

1,1-Dichloroethene
 Concen: 19.753 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 96 Resp: 41224
 Ion Ratio Lower Upper
 96 100
 61 164.8 138.2 207.4
 98 63.9 51.3 76.9





#13

Acrolein

Concen: 86.382 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

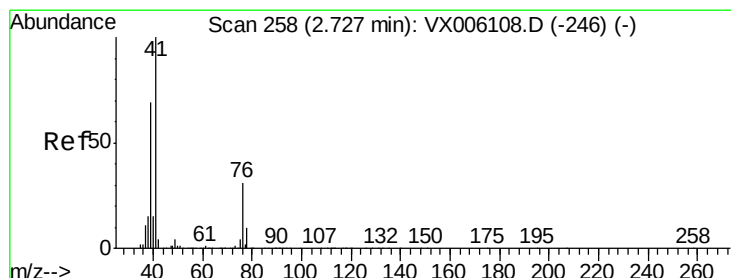
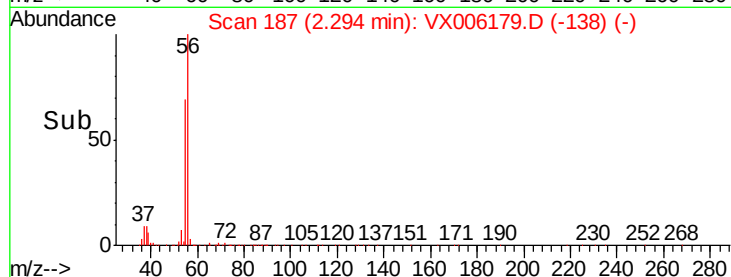
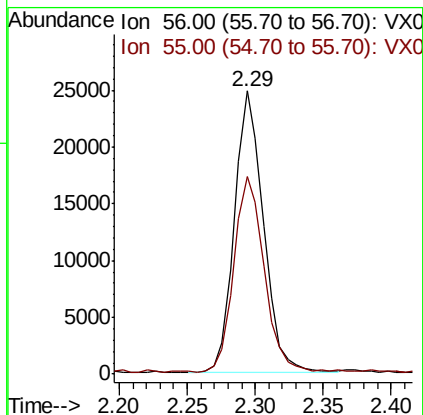
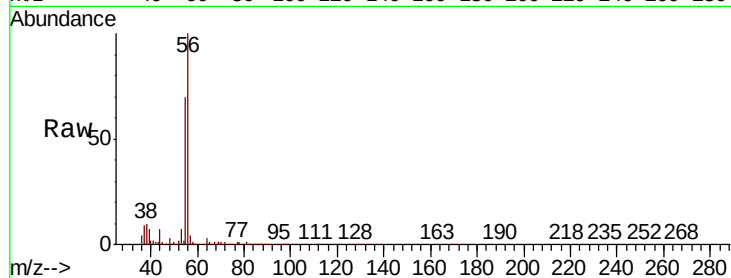
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 36826

Ion Ratio Lower Upper

56 100

55 72.4 57.8 86.6



#14

Allyl chloride

Concen: 20.522 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

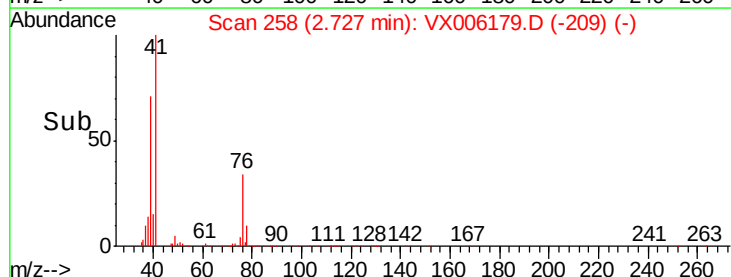
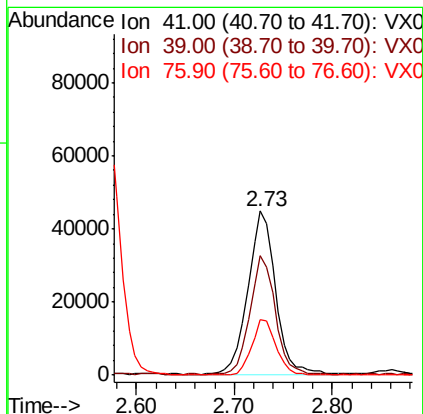
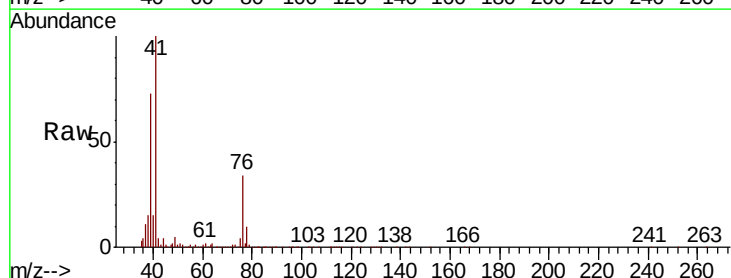
Tgt Ion: 41 Resp: 87625

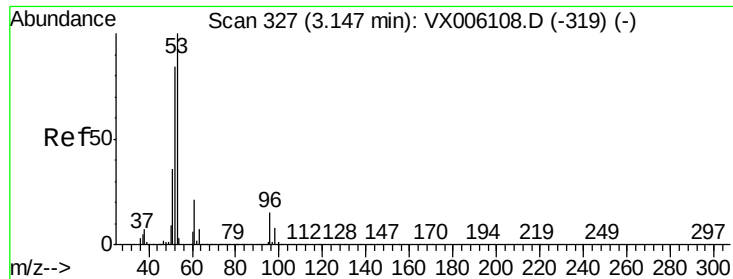
Ion Ratio Lower Upper

41 100

39 66.8 52.5 78.7

76 29.5 23.4 35.2





#15

Acrylonitrile

Concen: 102.189 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

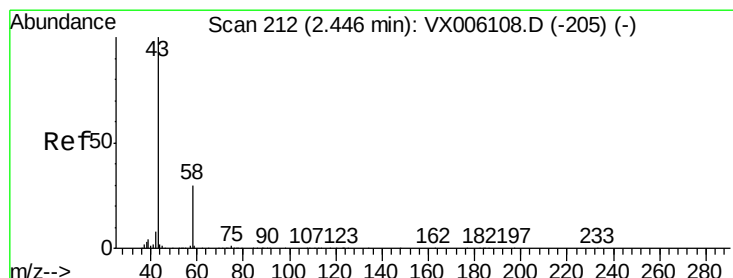
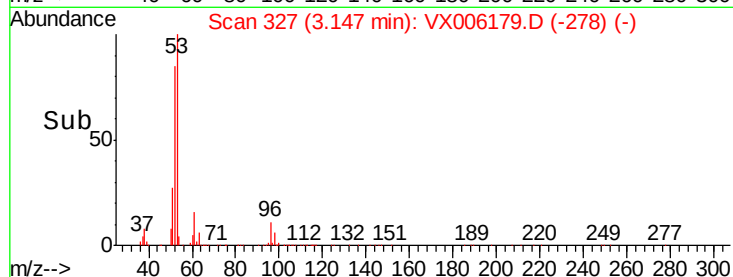
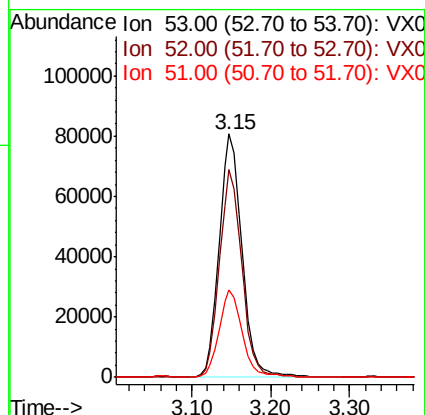
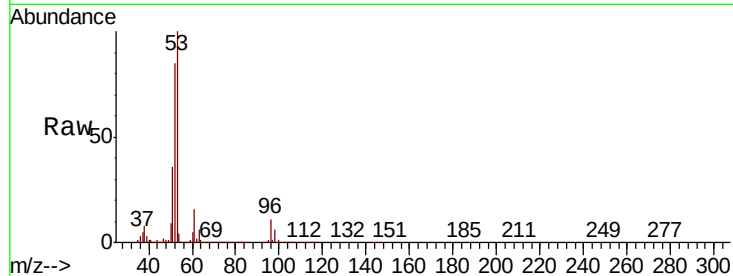
Tot Ion: 53 Resp: 160805

Ion Ratio Lower Upper

53 100

52 84.2 66.4 99.6

51 36.5 29.4 44.0



#16

Acetone

Concen: 111.337 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006179.D

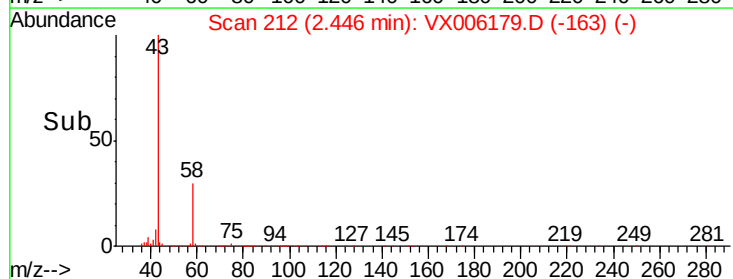
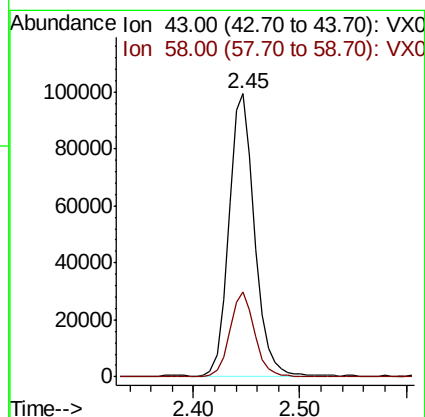
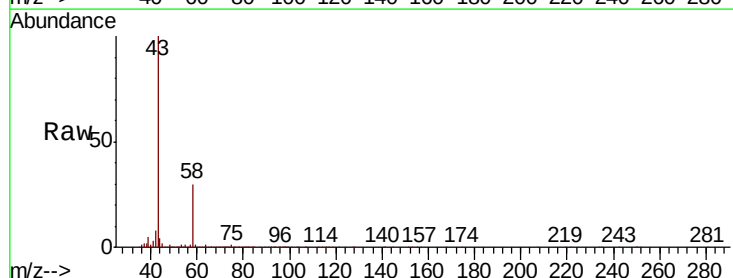
Acq: 26 Nov 2018 16:58

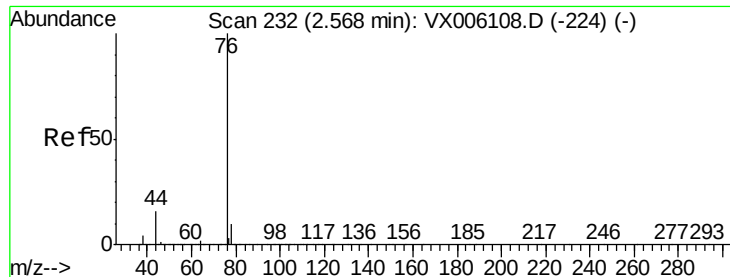
Tgt Ion: 43 Resp: 165461

Ion Ratio Lower Upper

43 100

58 29.9 23.8 35.8





#17

Carbon Disulfide

Concen: 21.142 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

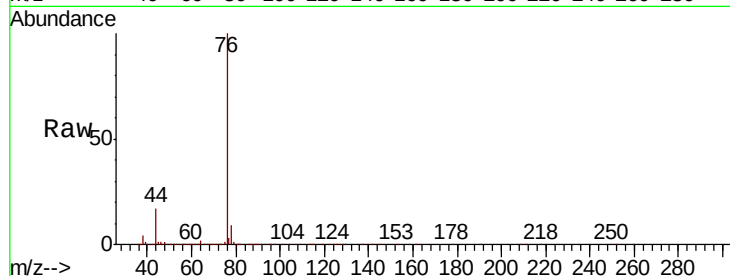
ClientSampleId :

Tot Ion: 76 Resp: 119136

Ion Ratio Lower Upper

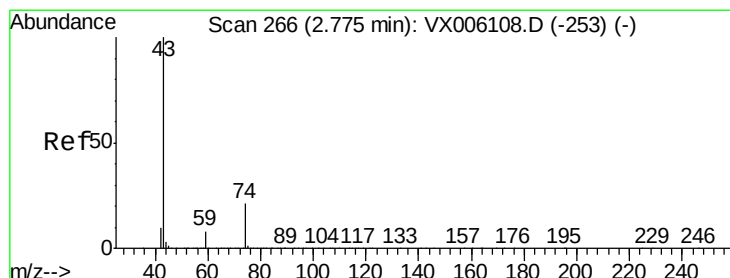
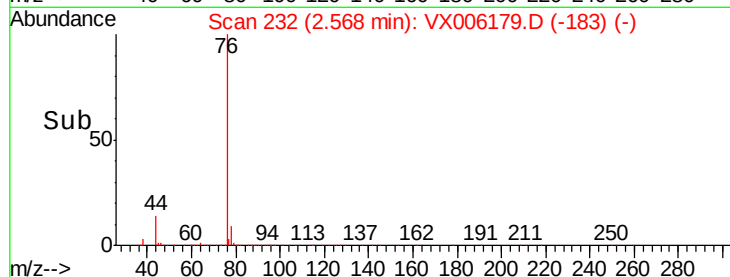
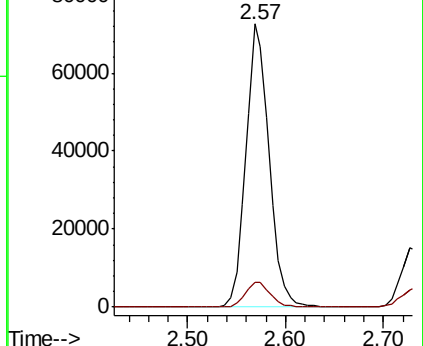
76 100

78 8.8 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.623 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006179.D

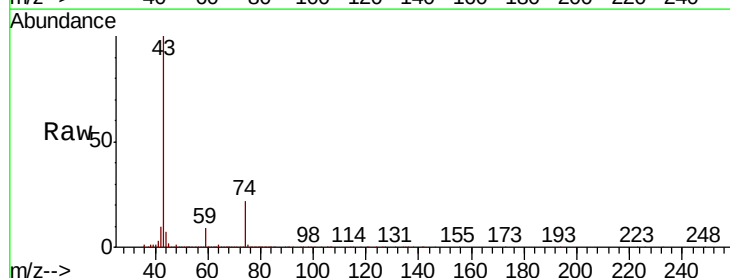
Acq: 26 Nov 2018 16:58

Tgt Ion: 43 Resp: 86218

Ion Ratio Lower Upper

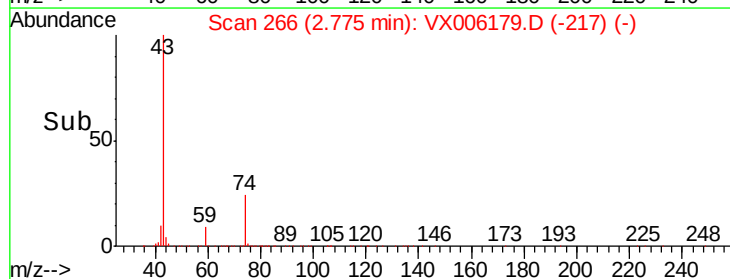
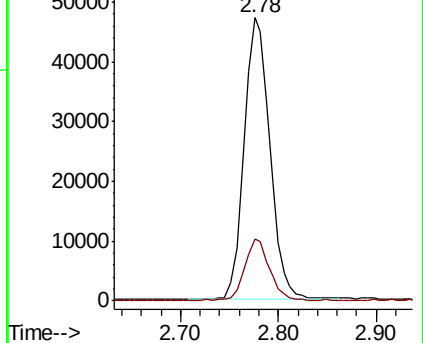
43 100

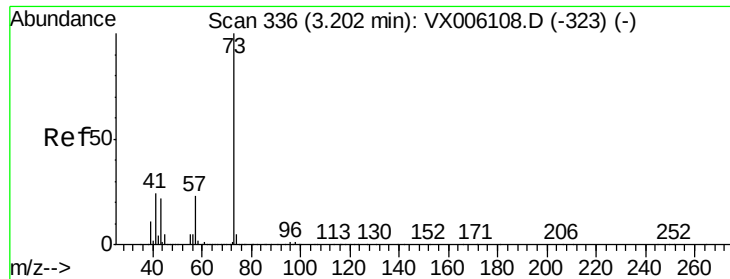
74 21.5 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



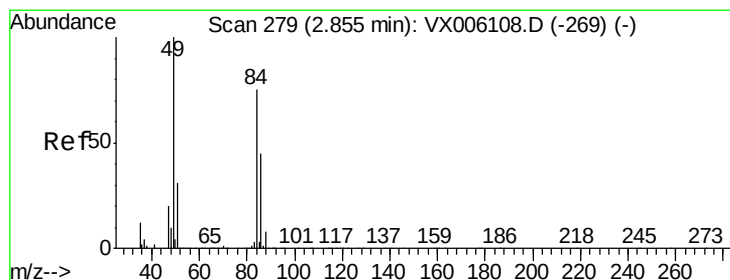
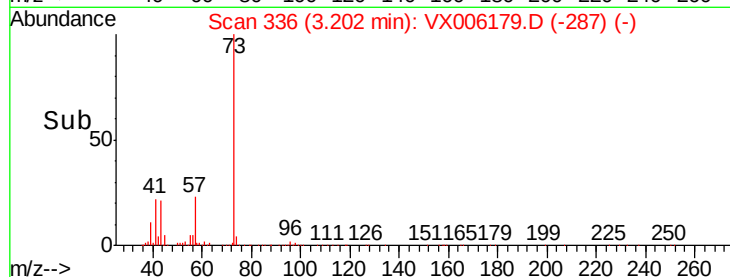
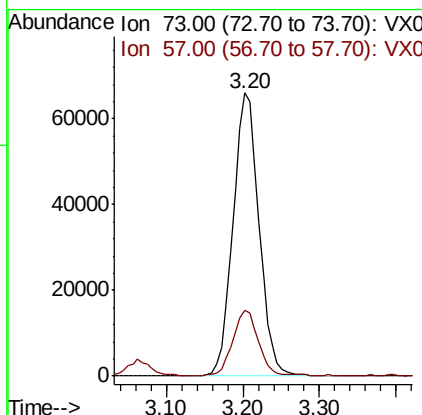
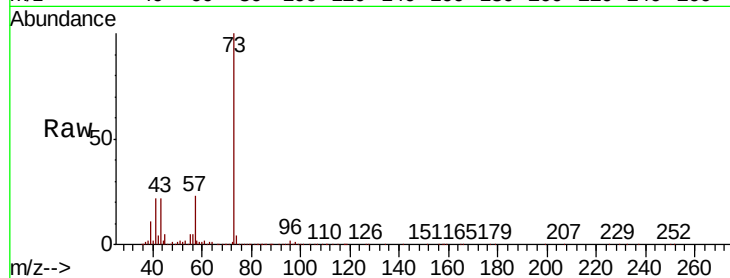


#19

Methyl tert-butyl Ether
 Concen: 21.510 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :

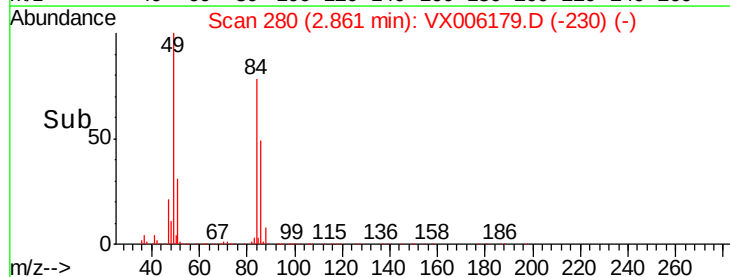
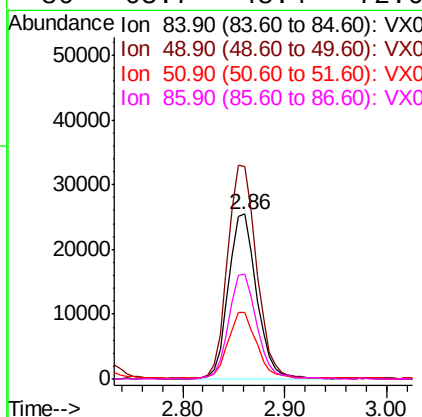
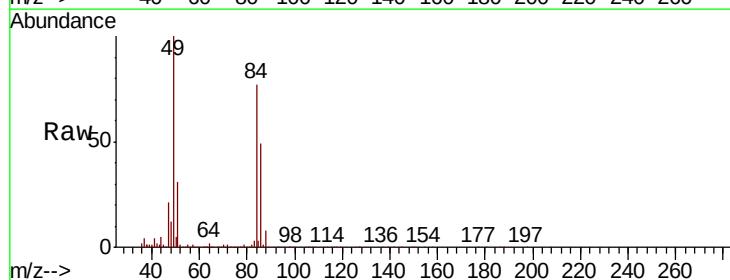
Tot Ion: 73 Resp: 155164
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.2 27.4

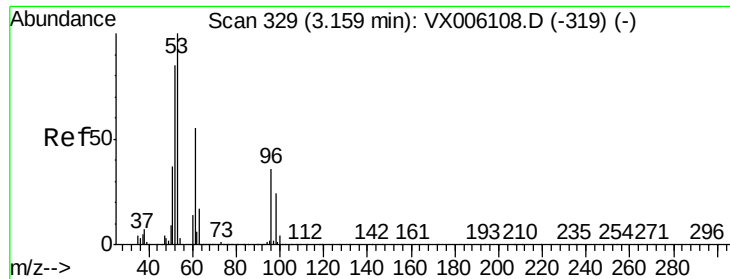


#20

Methylene Chloride
 Concen: 21.500 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 84 Resp: 48809
 Ion Ratio Lower Upper
 84 100
 49 129.6 106.6 159.8
 51 40.2 32.6 49.0
 86 63.7 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 20.768 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

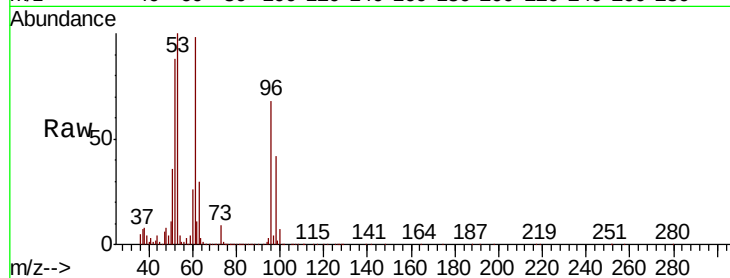
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 96 Resp: 45347

Ion	Ratio	Lower	Upper
96	100		
61	142.5	122.0	183.0
98	61.8	52.7	79.1

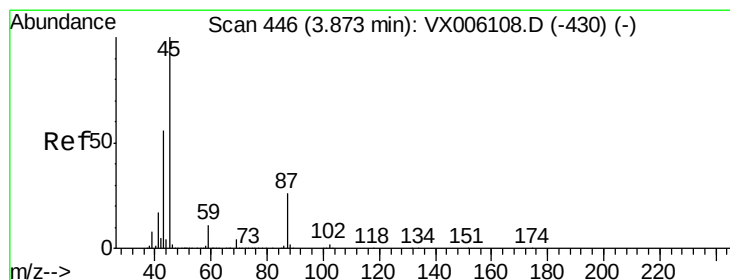
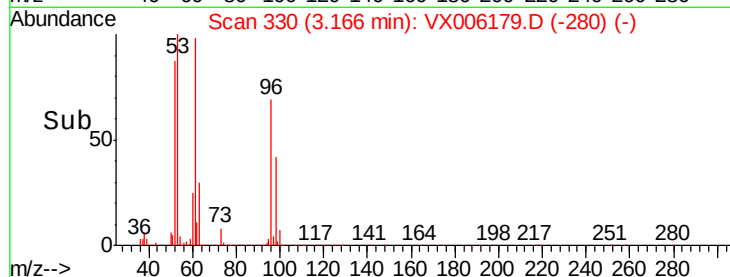
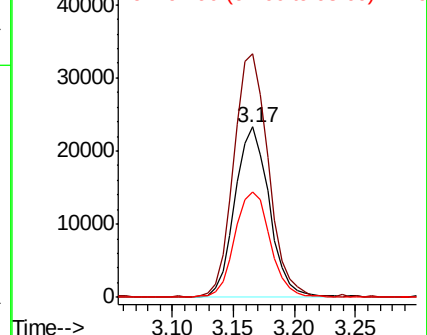


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.999 ug/l

RT: 3.87 min Scan# 445

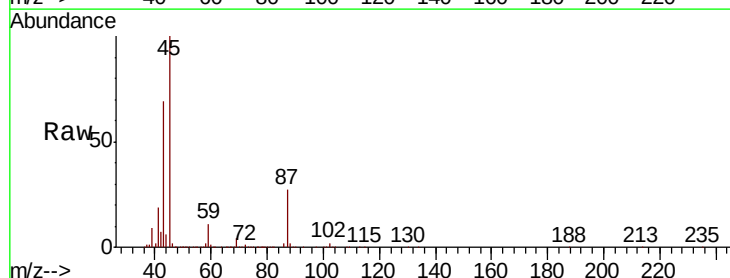
Delta R.T. -0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion: 45 Resp: 173651

Ion	Ratio	Lower	Upper
45	100		
43	68.6	45.8	68.8
87	26.5	21.0	31.4
59	10.8	8.6	12.8



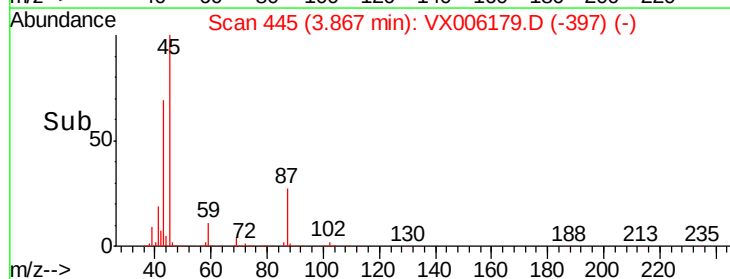
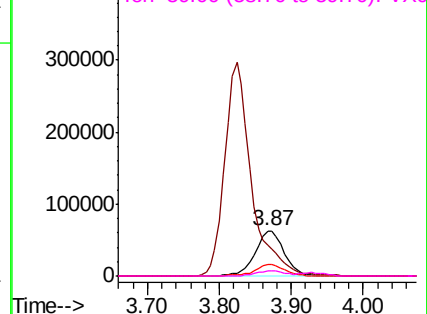
Abundance

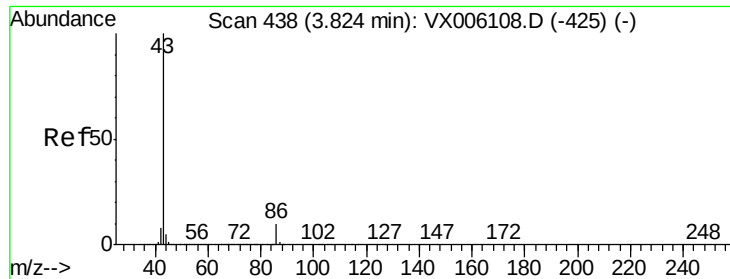
Ion 45.00 (44.70 to 45.70): VX0

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

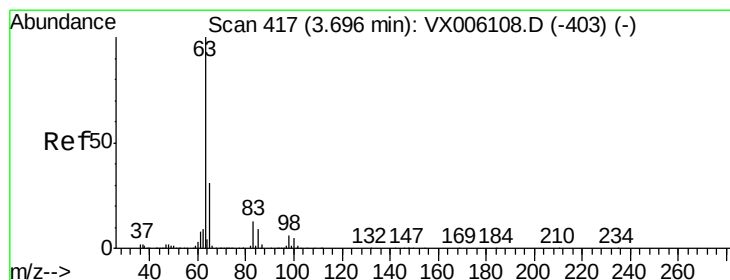
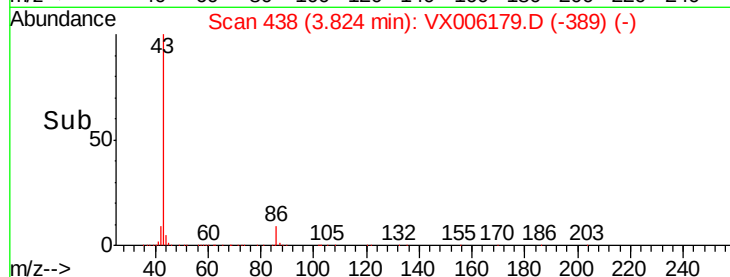
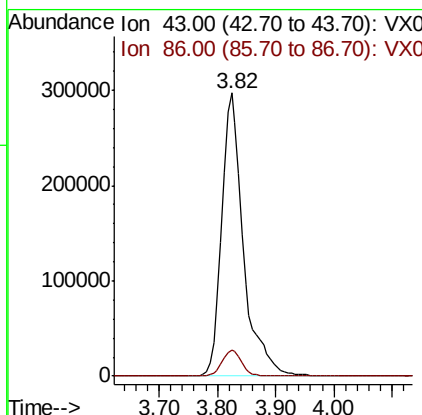
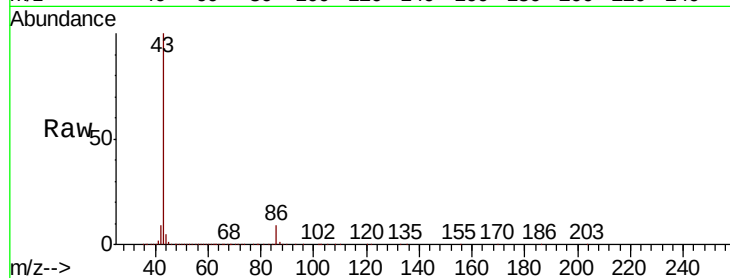




#23
 Vinyl Acetate
 Concen: 101.096 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

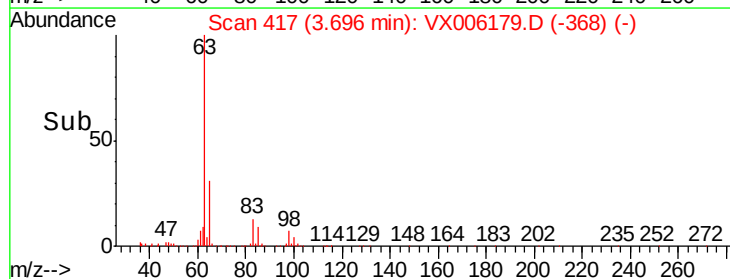
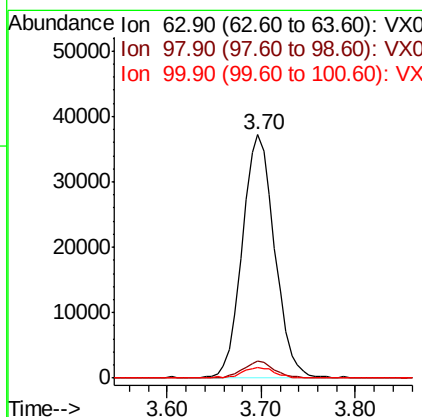
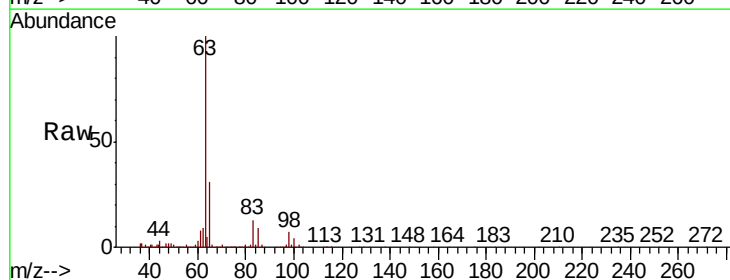
Instrument :
 MSVOA_X
 ClientSampleId :

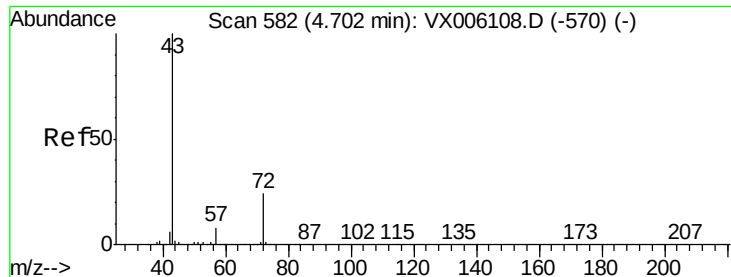
Tot Ion: 43 Resp: 766615
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 20.676 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 63 Resp: 89034
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.1 2.4 7.1





#25

2-Butanone

Concen: 102.245 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

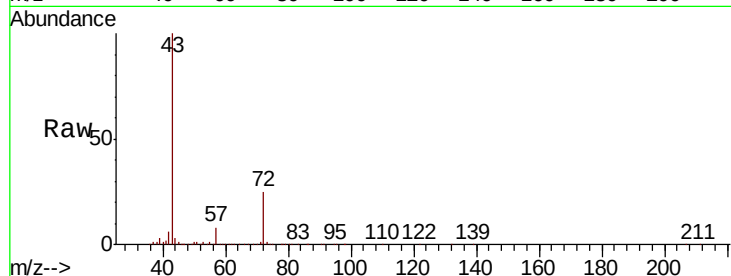
ClientSampled :

Tot Ion: 43 Resp: 282040

Ion Ratio Lower Upper

43 100

72 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

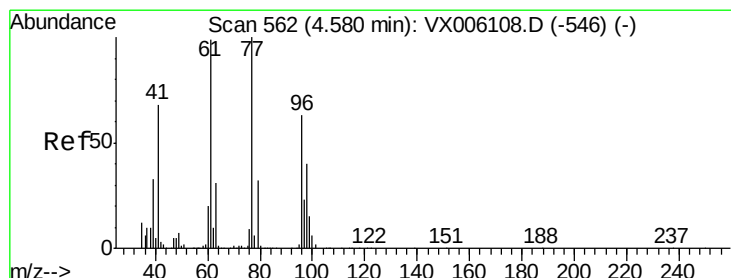
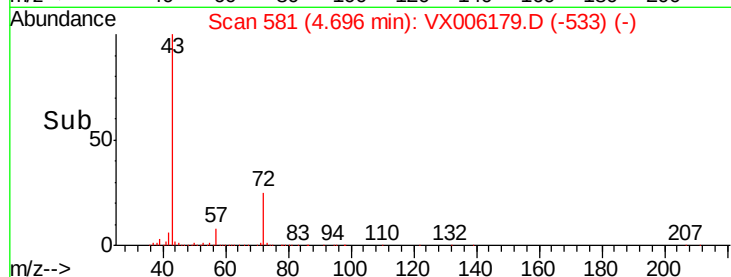
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 22.982 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006179.D

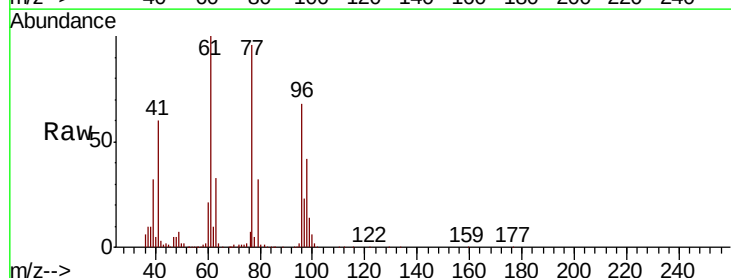
Acq: 26 Nov 2018 16:58

Tgt Ion: 77 Resp: 81565

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

10000

5000

0

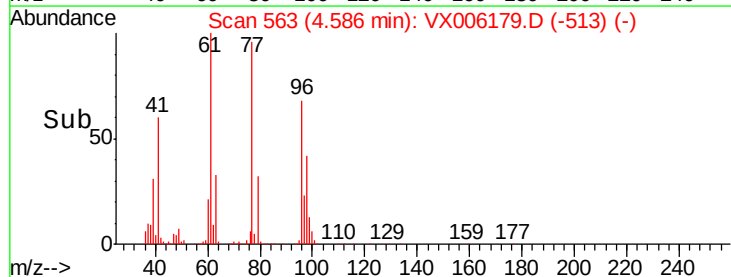
4.40

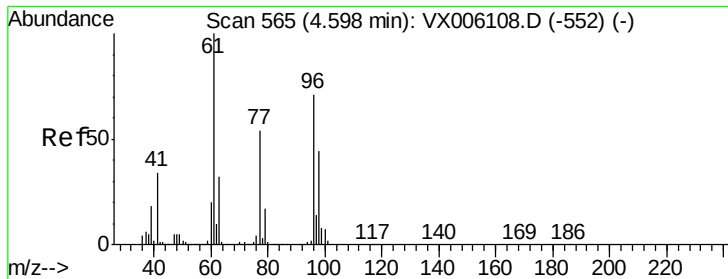
4.50

4.60

4.70

Time-->



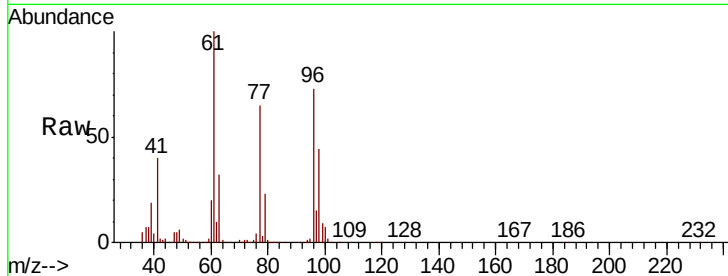


#27

cis-1,2-Dichloroethene
 Concen: 19.994 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.1	0.0	291.6
98	64.1	0.0	128.2

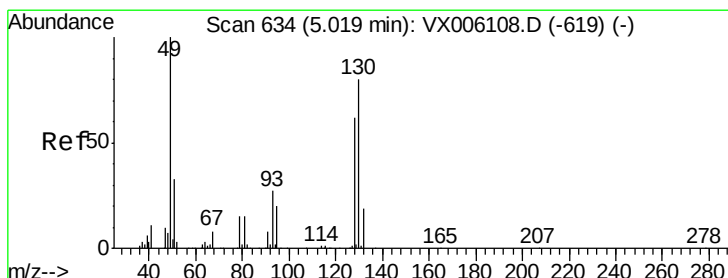
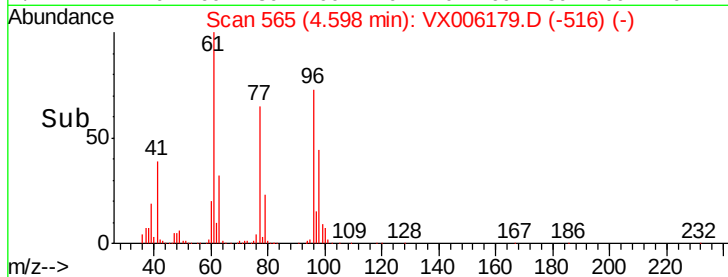
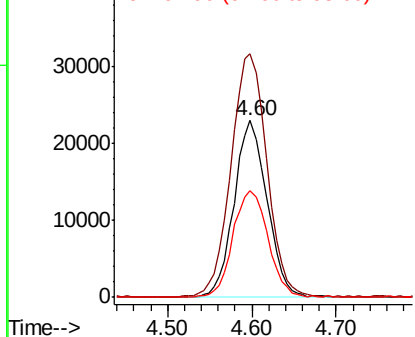


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

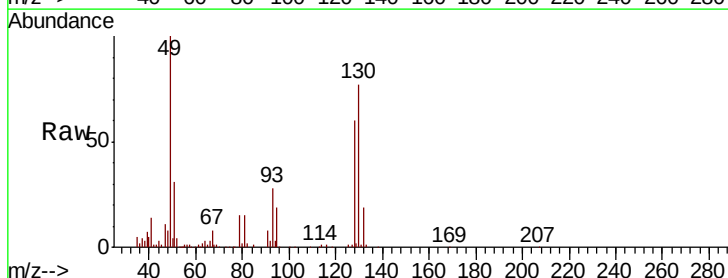
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 20.807 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.4
130	78.6	61.6	92.4

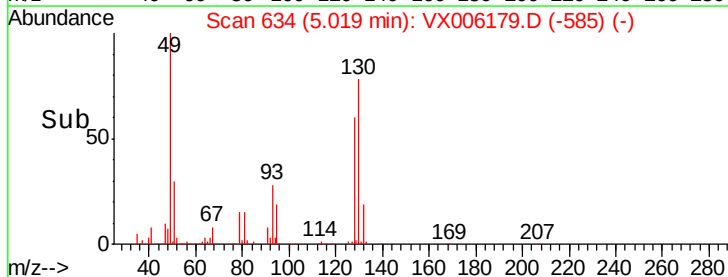
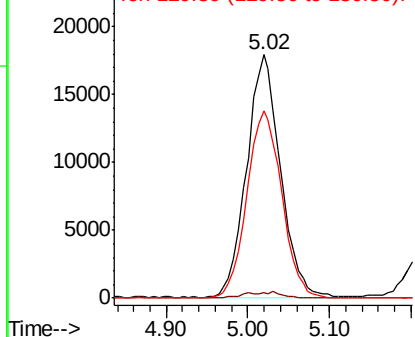


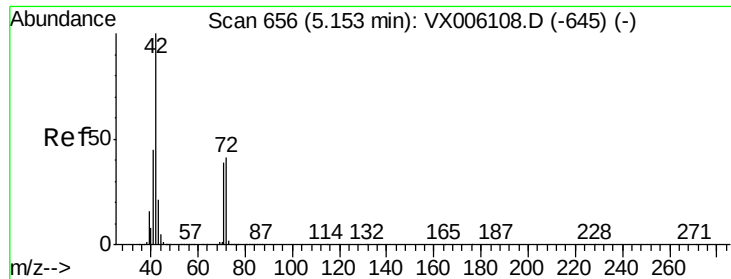
Abundance

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: 102.978 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

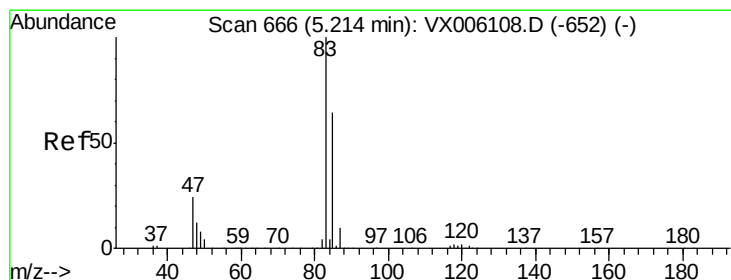
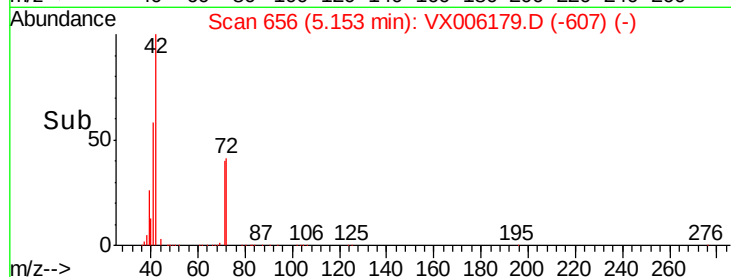
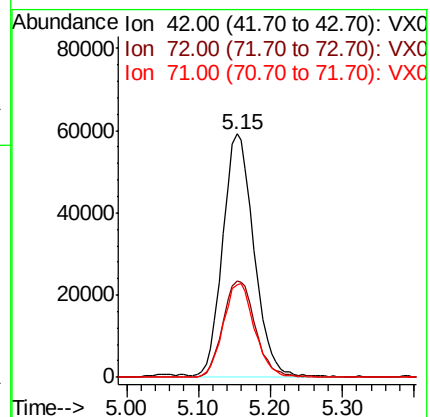
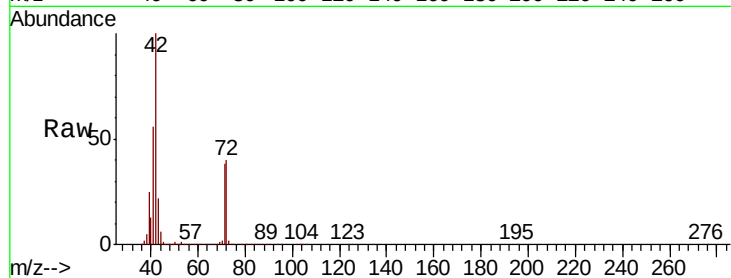
Tot Ion: 42 Resp: 177202

Ion Ratio Lower Upper

42 100

72 41.7 33.0 49.6

71 39.3 31.0 46.4



#30

Chloroform

Concen: 20.294 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006179.D

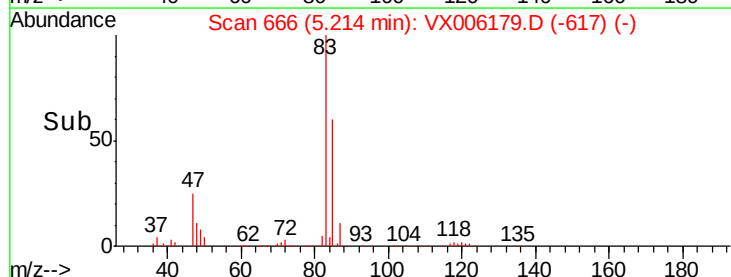
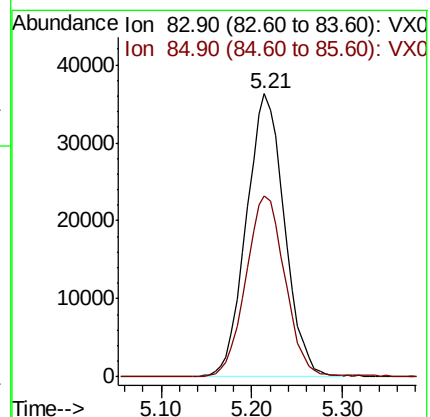
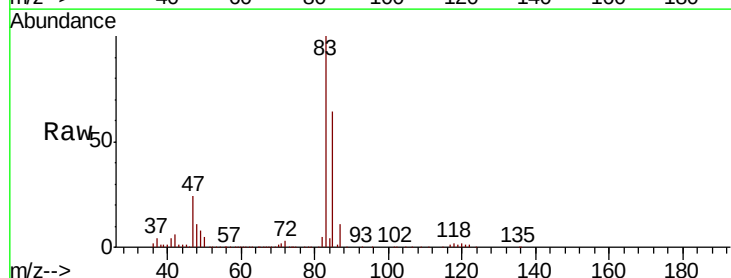
Acq: 26 Nov 2018 16:58

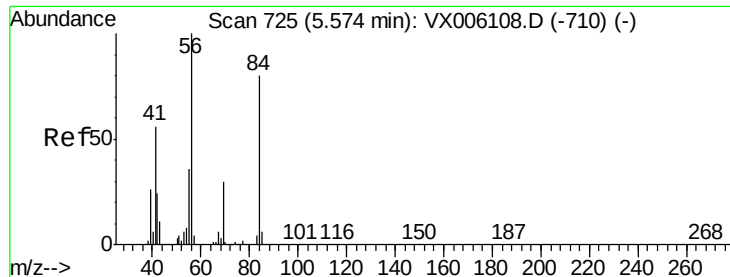
Tgt Ion: 83 Resp: 105897

Ion Ratio Lower Upper

83 100

85 63.9 51.0 76.4

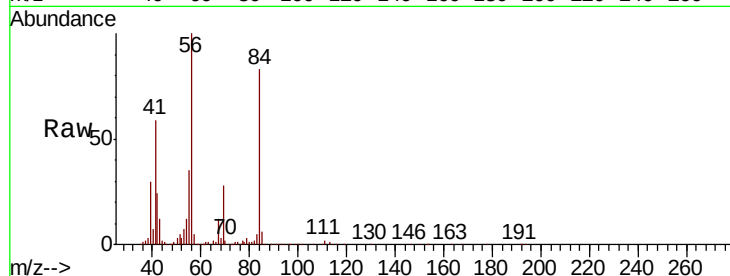




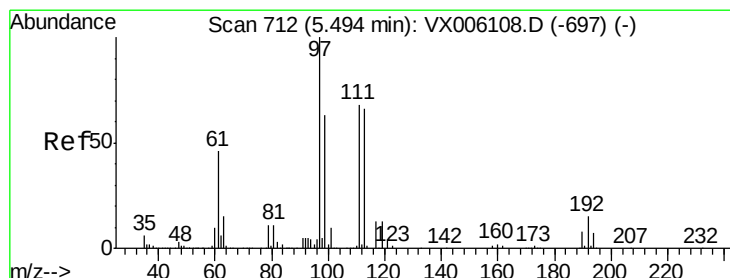
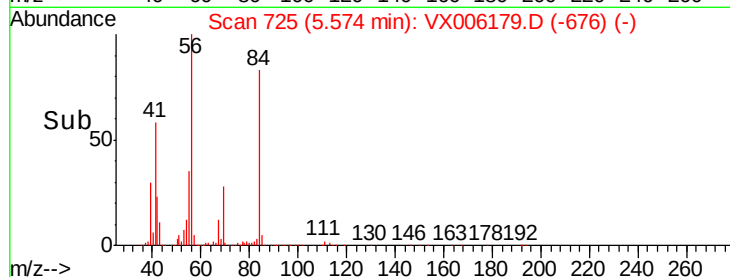
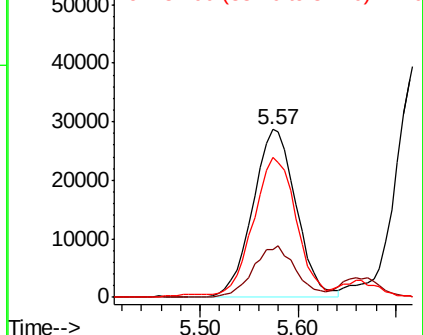
#31
Cyclohexane
Concen: 19.566 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 88008
Ion Ratio Lower Upper
56 100
69 28.1 23.9 35.9
84 81.4 63.6 95.4

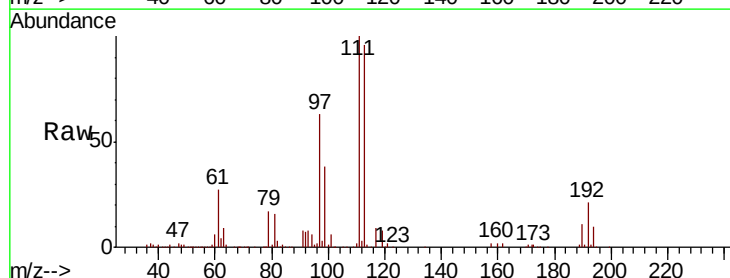


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

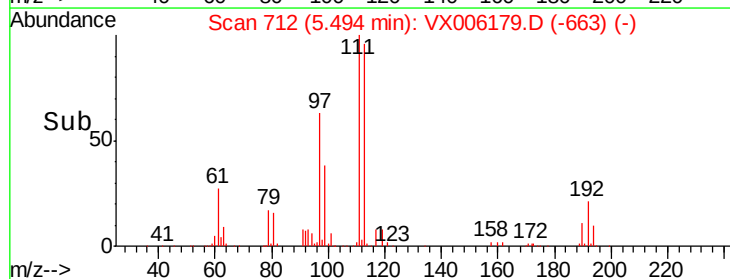
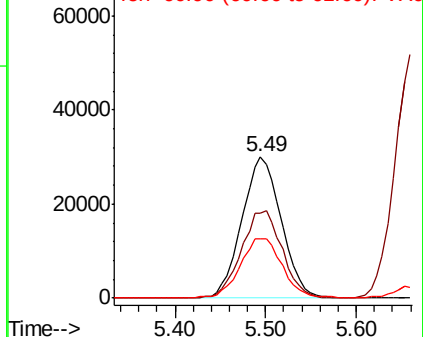


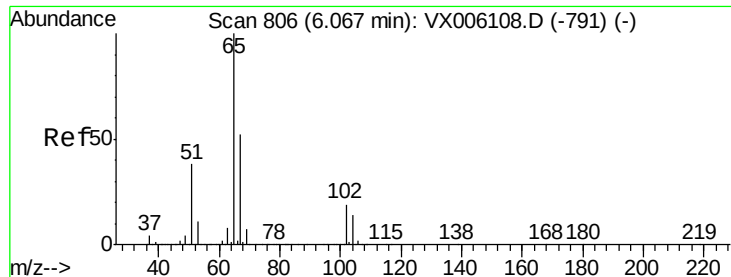
#32
1,1,1-Trichloroethane
Concen: 21.464 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion: 97 Resp: 90438
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 45.2 36.6 55.0



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

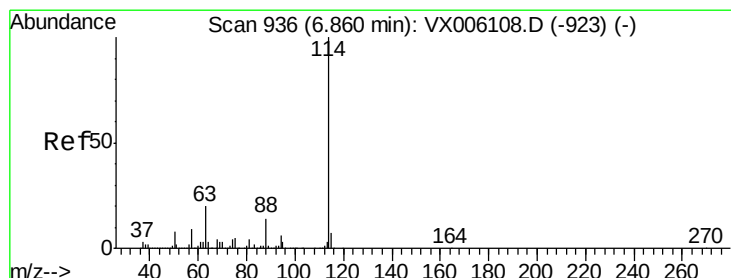
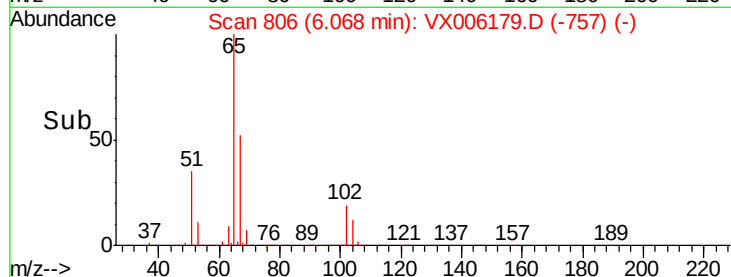
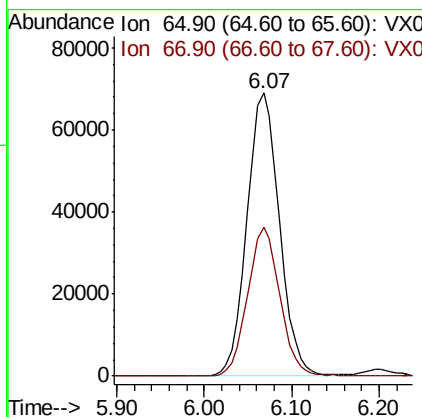
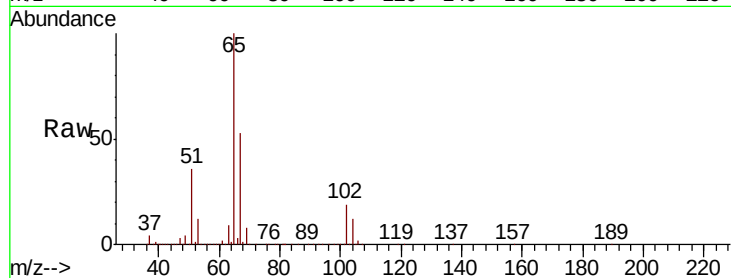




#33
 1,2-Dichloroethane-d4
 Concen: 53.016 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

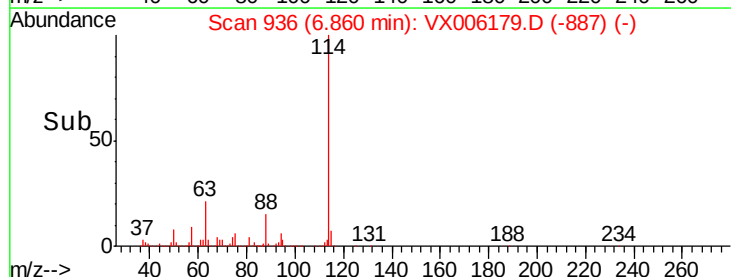
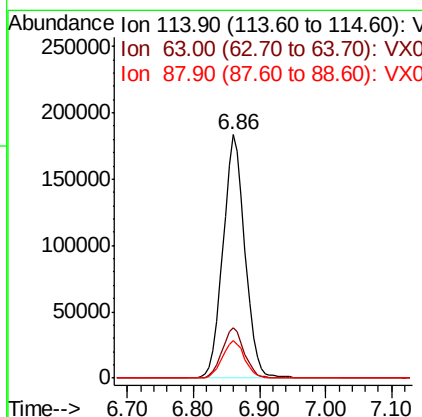
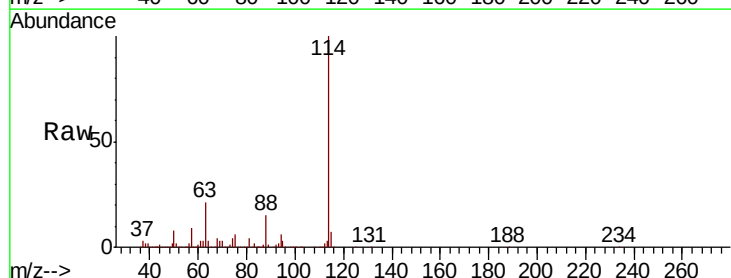
Instrument :
 MSVOA_X
 ClientSampleId :

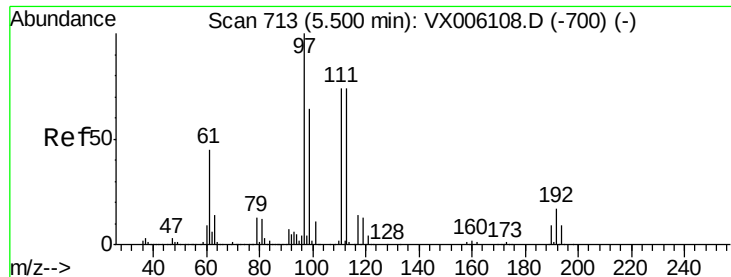
Tot Ion: 65 Resp: 177553
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 114 Resp: 421654
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.2
 88 15.3 0.0 28.6

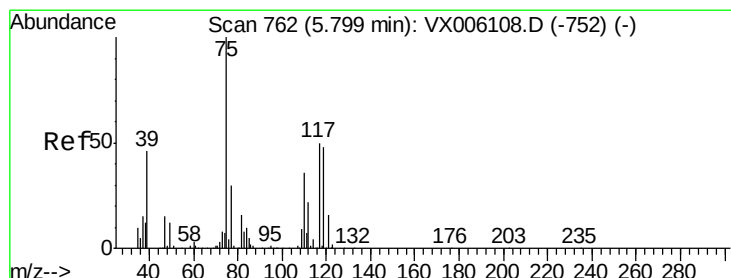
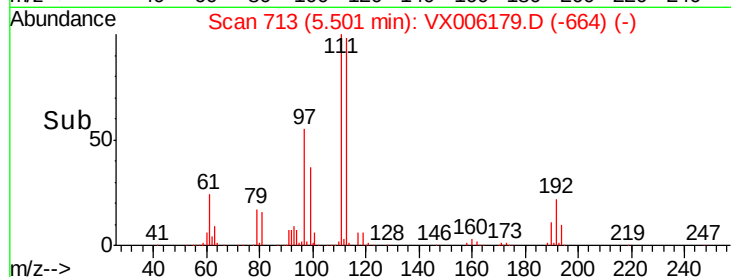
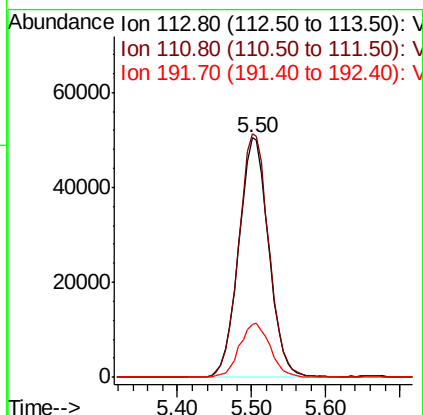
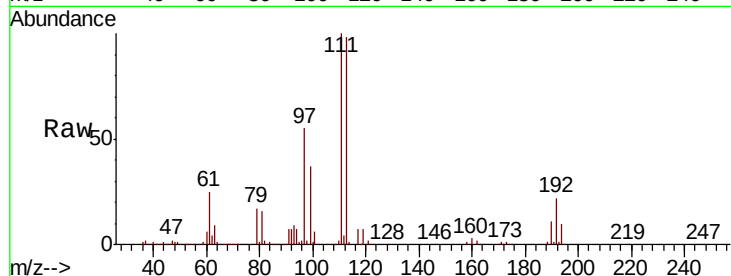




#35
 Dibromofluoromethane
 Concen: 52.767 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

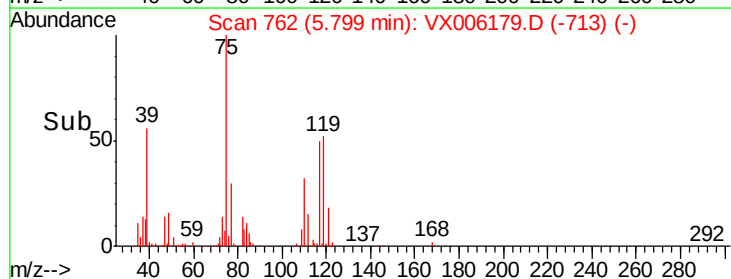
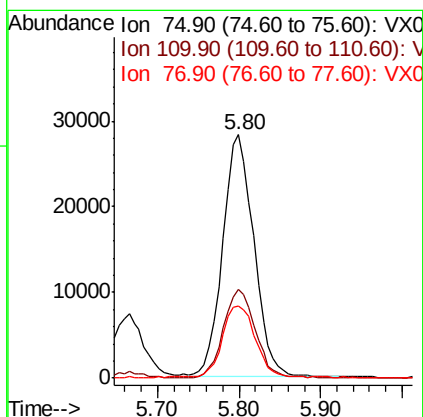
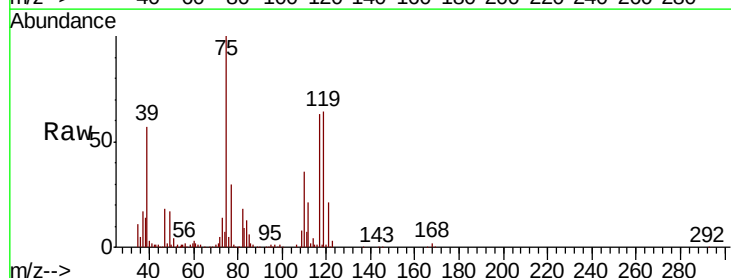
Instrument :
 MSVOA_X
 ClientSampleId :

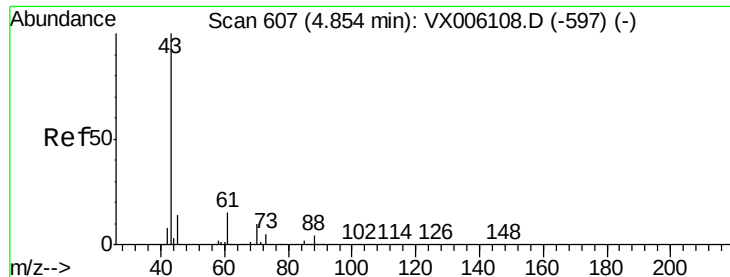
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	22.9	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 19.540 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	17.8	53.3
77	31.4	24.5	36.7

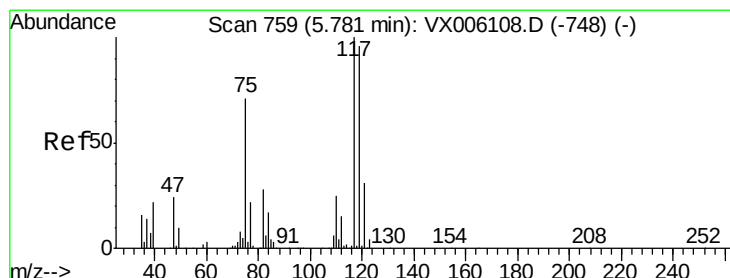
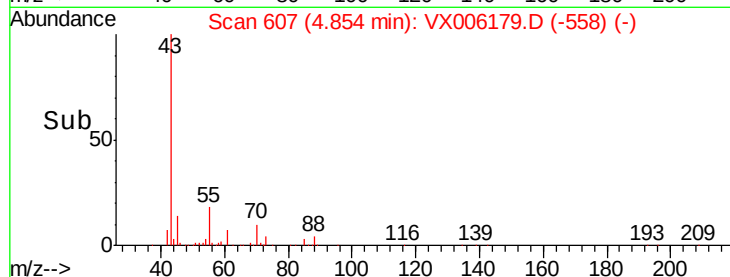
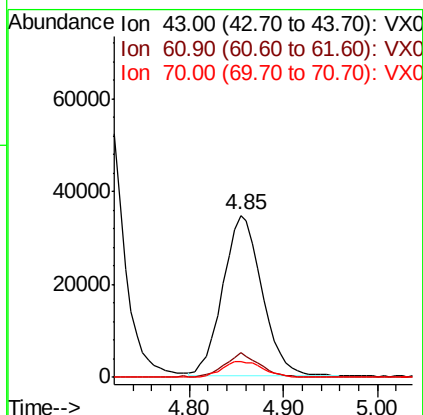
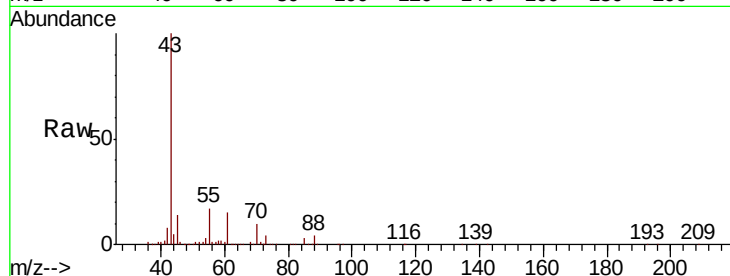




#37
Ethyl Acetate
Concen: 20.287 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

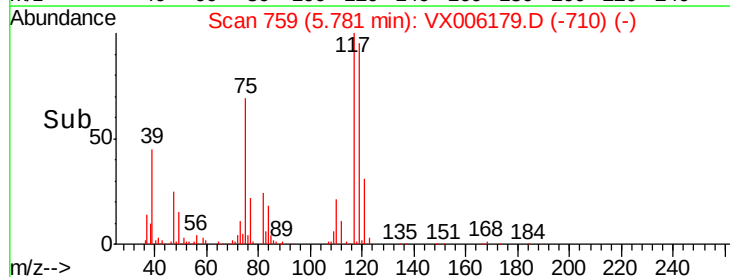
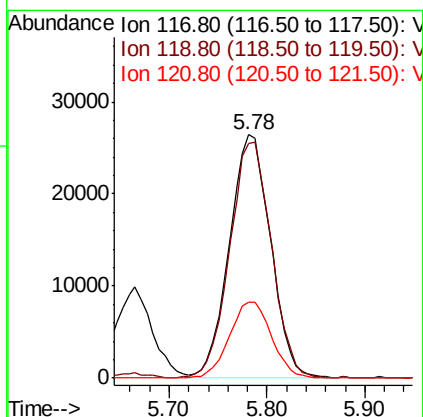
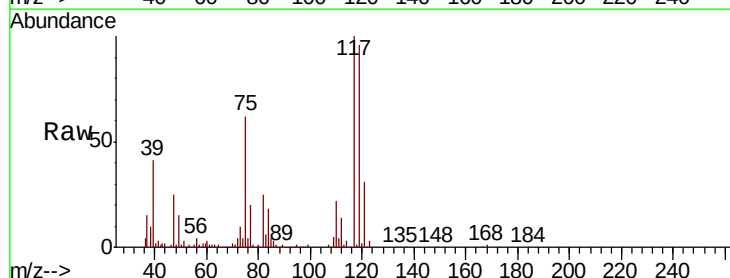
Instrument :
MSVOA_X
ClientSampleId :

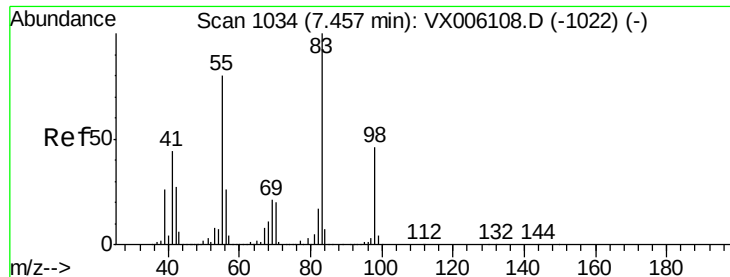
Tot Ion: 43 Resp: 100122
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 10.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 21.465 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion: 117 Resp: 77394
Ion Ratio Lower Upper
117 100
119 95.9 76.3 114.5
121 31.0 24.7 37.1

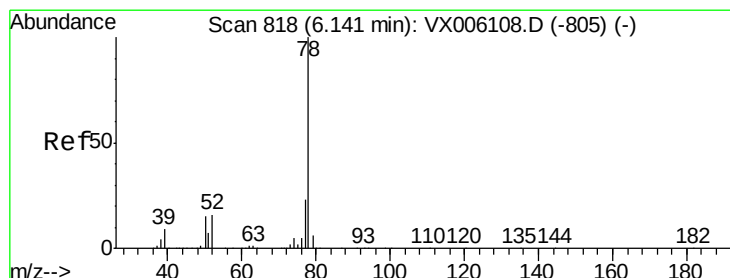
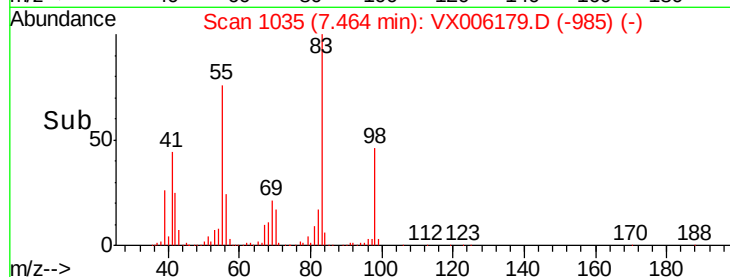
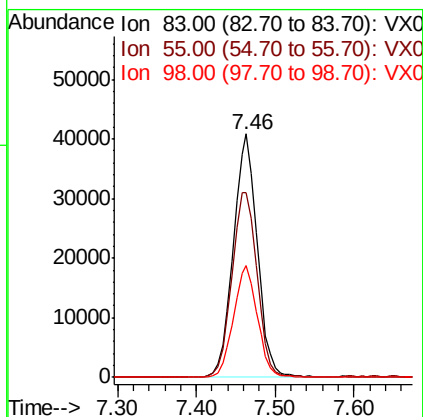
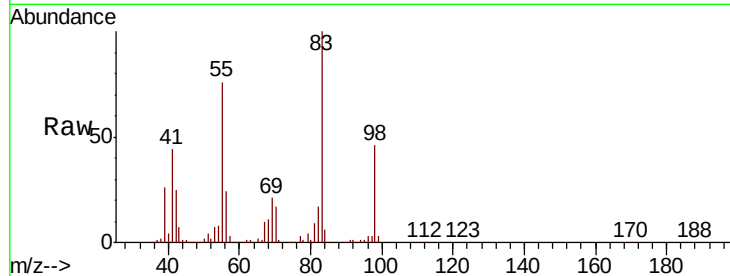




#39
Methylvlcyclohexane
Concen: 19.759 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

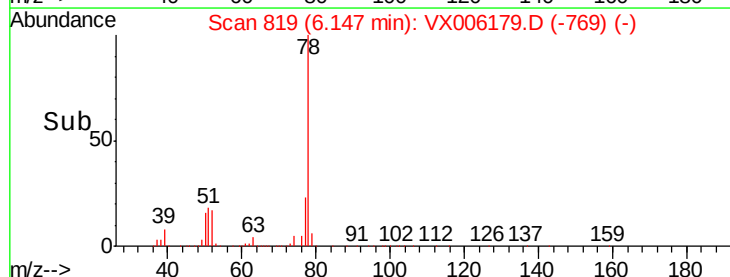
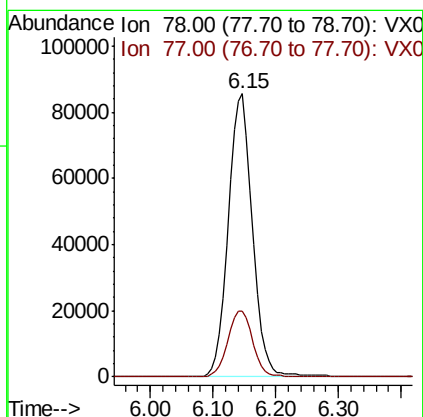
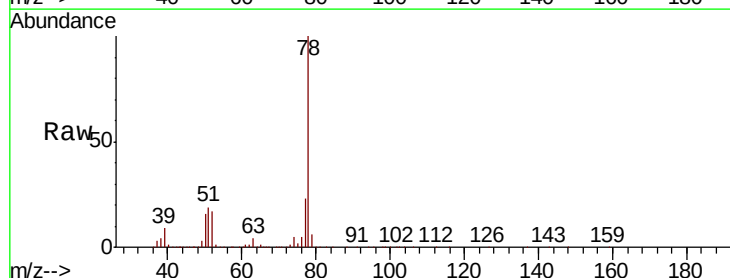
Instrument :
MSVOA_X
ClientSampled :

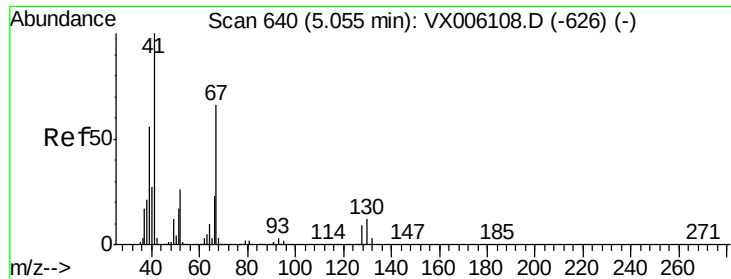
Tot Ion: 83 Resp: 86351
Ion Ratio Lower Upper
83 100
55 75.8 63.9 95.9
98 45.8 36.8 55.2



#40
Benzene
Concen: 20.216 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion: 78 Resp: 228471
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

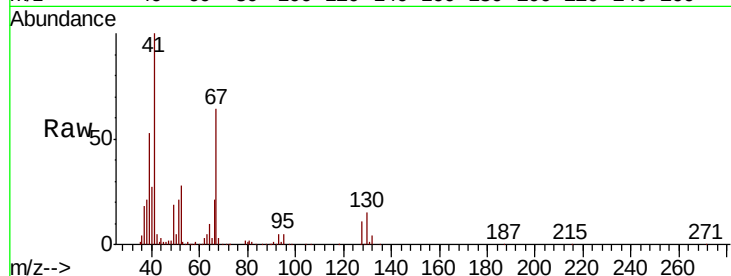




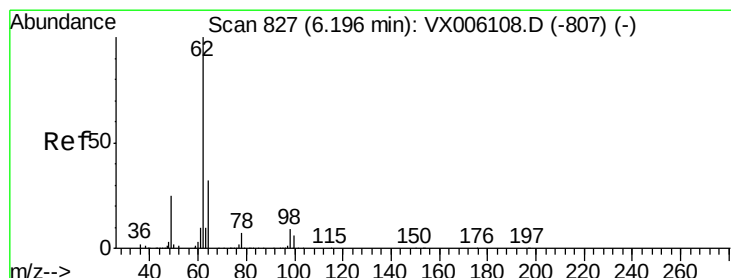
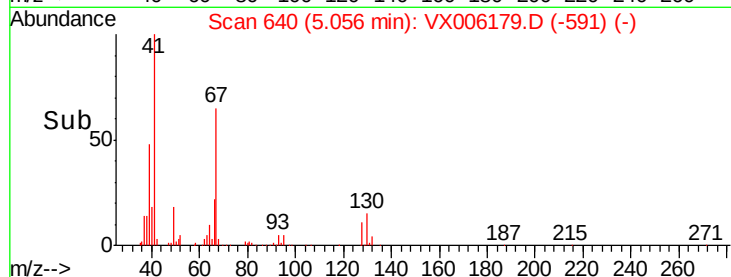
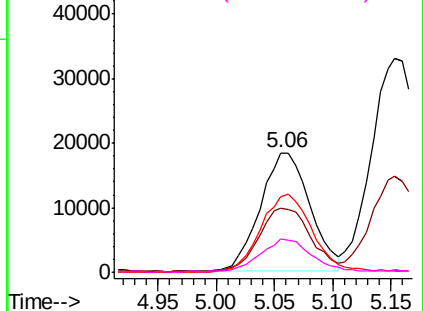
#41
Methacrylonitrile
Concen: 20.035 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	54490
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.1	66.1
67	68.7	54.1	81.1
52	27.9	21.7	32.5

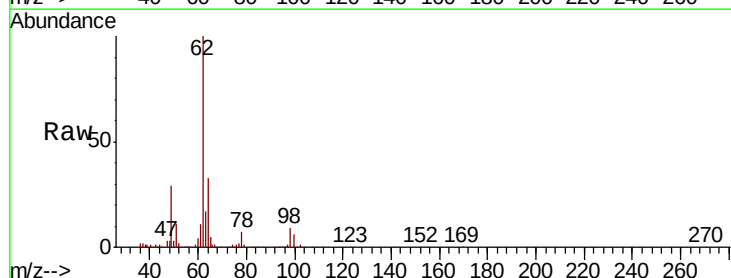


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

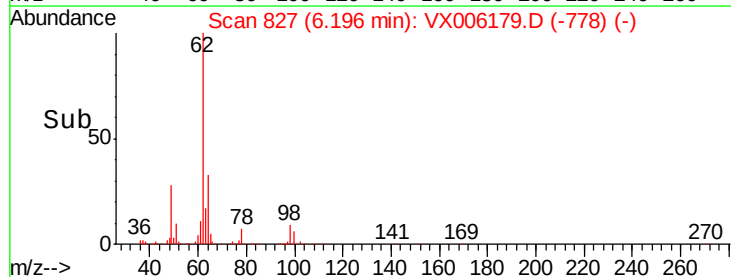
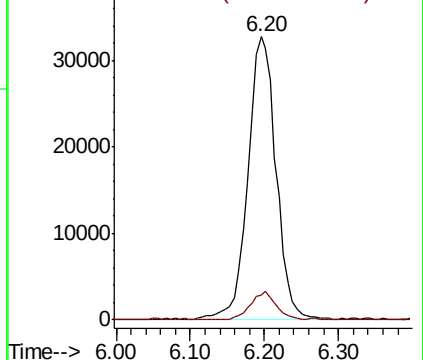


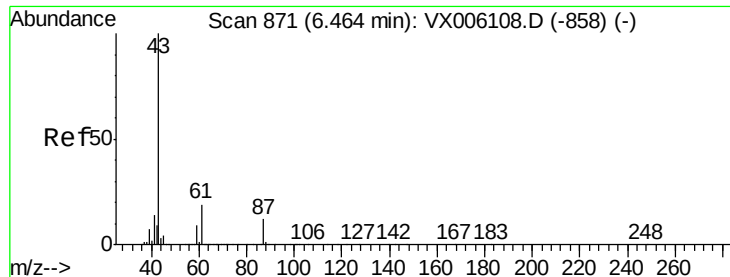
#42
1,2-Dichloroethane
Concen: 20.328 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion:	62	Resp:	85890
Ion	Ratio	Lower	Upper
62	100		
98	9.3	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: 20.470 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

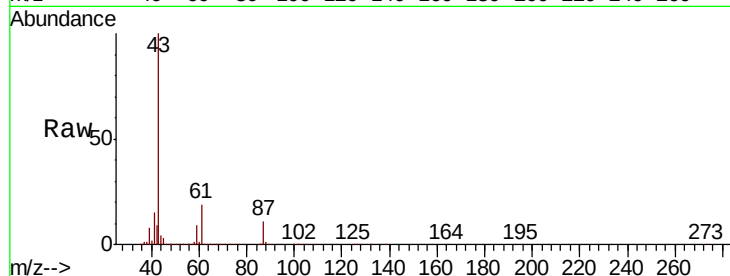
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 145899

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	12.3	9.6	14.4

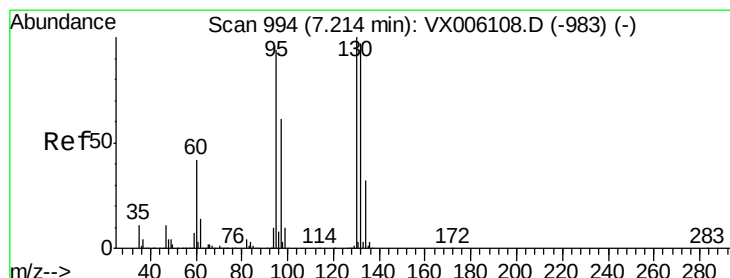
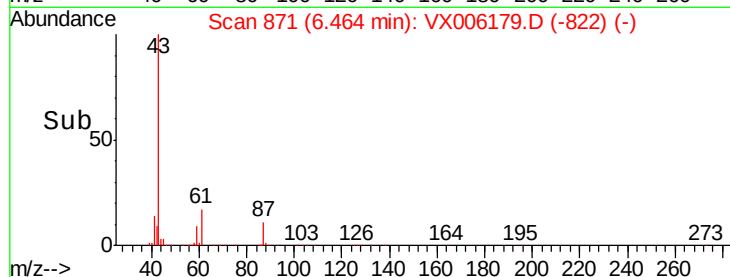
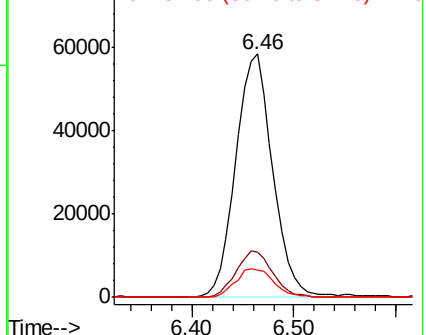


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.899 ug/l

RT: 7.21 min Scan# 994

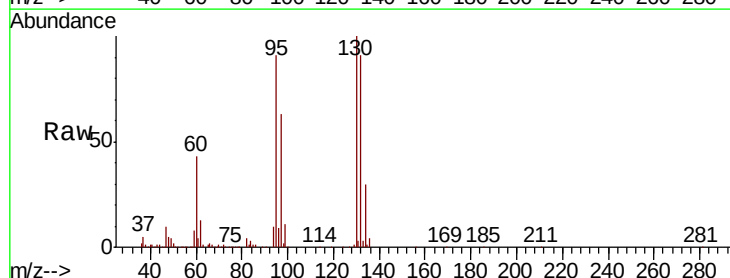
Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:130 Resp: 62505

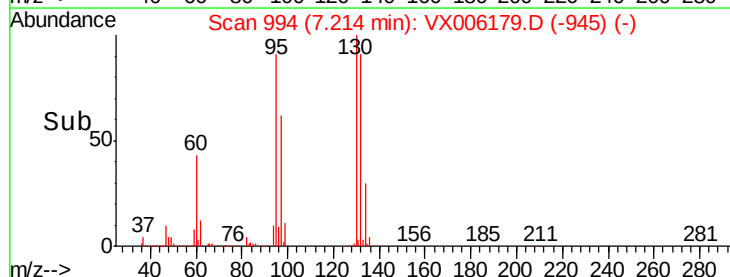
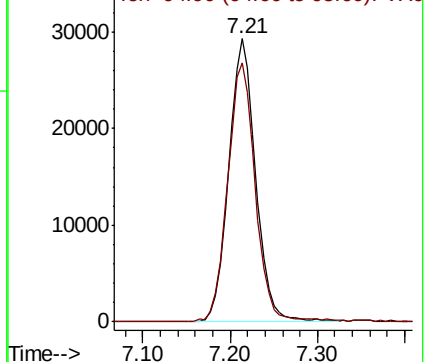
Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	188.8

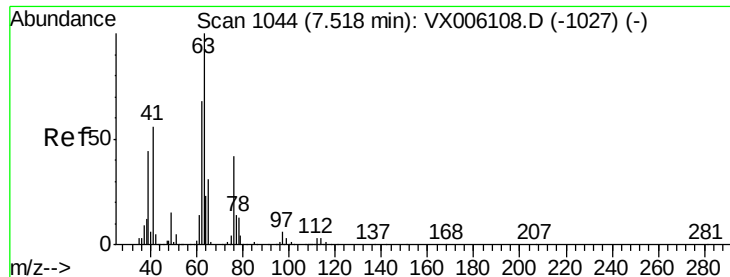


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

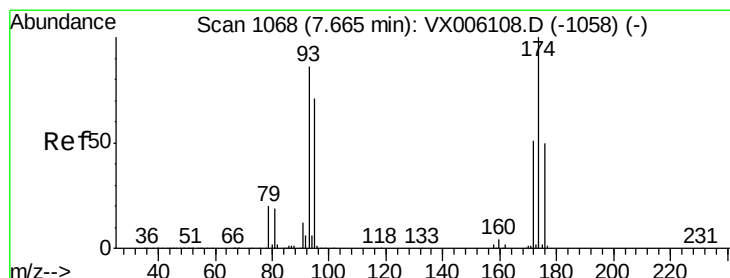
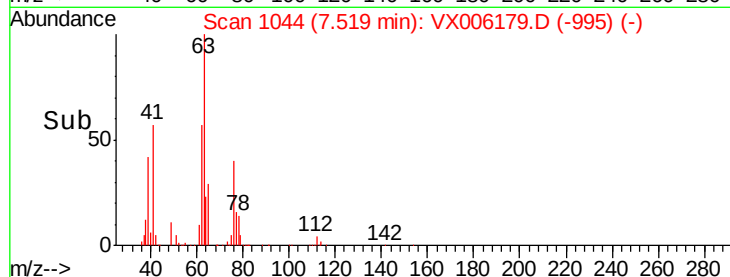
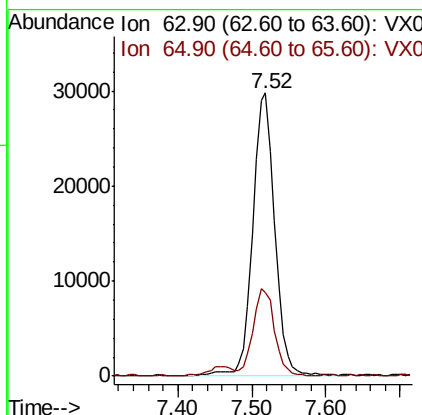
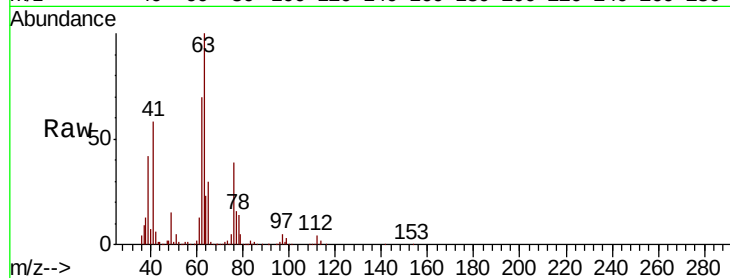




#45
 1,2-Dichloropropane
 Concen: 20.775 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

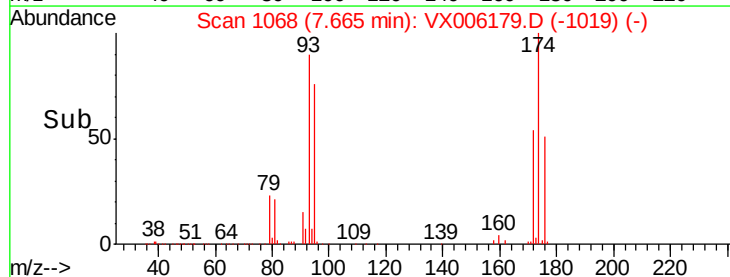
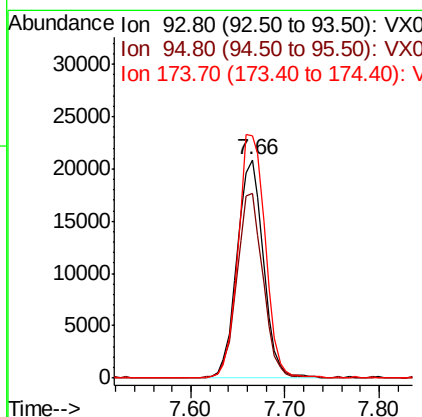
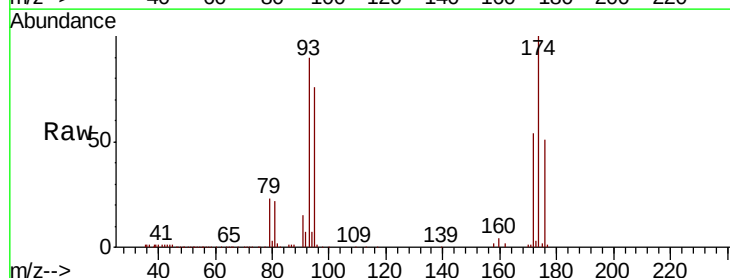
Instrument :
 MSVOA_X
 ClientSampleId :

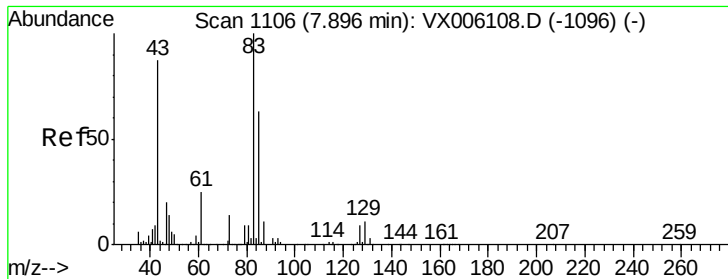
Tot Ion: 63 Resp: 62137
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.8 37.2



#46
 Dibromomethane
 Concen: 19.981 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 93 Resp: 40927
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.3 99.5
 174 114.8 91.0 136.6

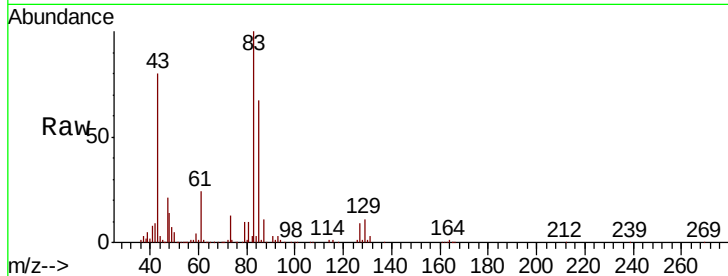




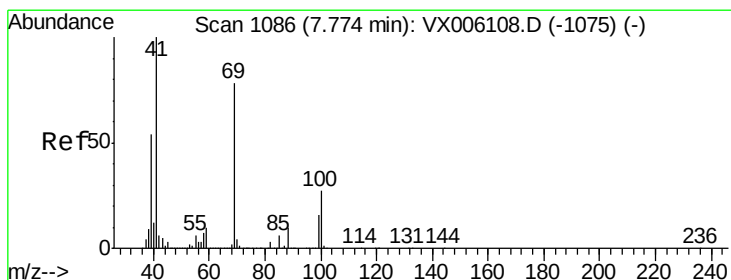
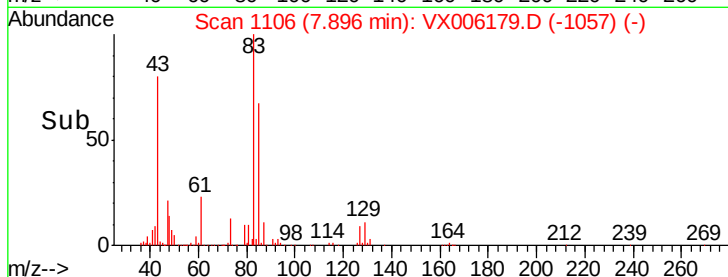
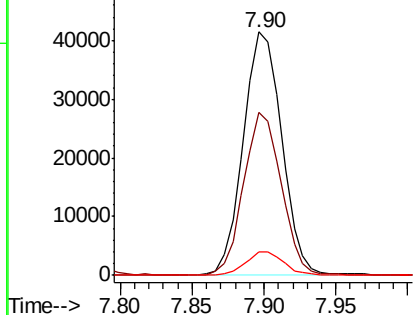
#47
 Bromodichloromethane
 Concen: 20.315 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 83 Resp: 76961
 Ion Ratio Lower Upper
 83 100
 85 66.6 50.4 75.6
 127 9.4 7.0 10.4

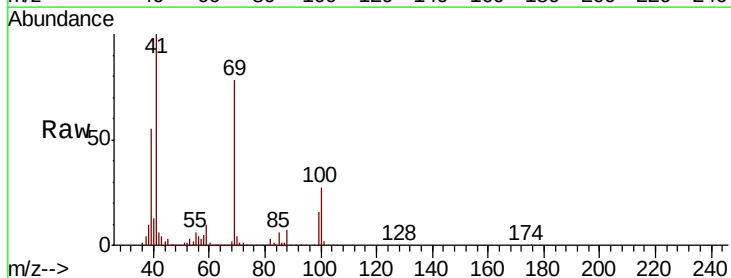


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

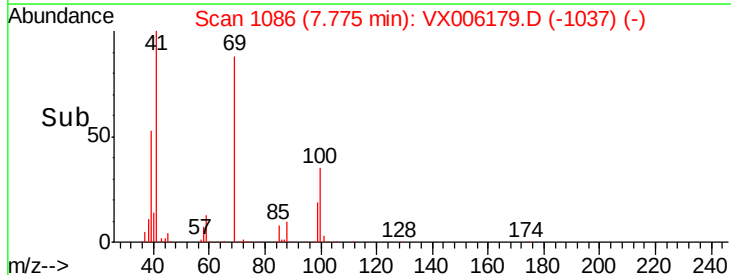
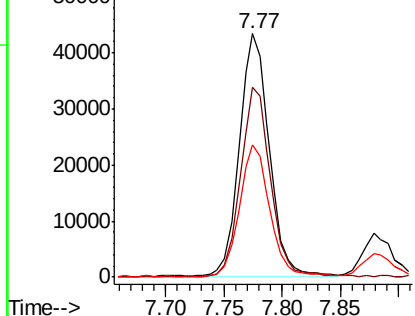


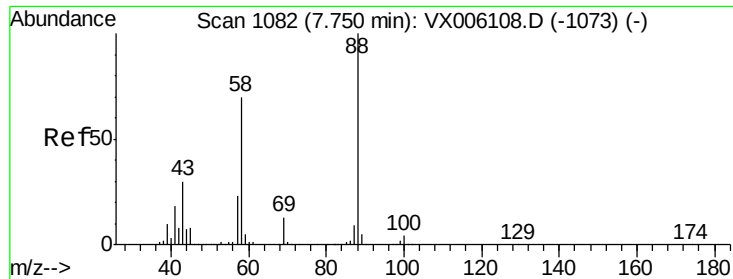
#48
 Methyl methacrylate
 Concen: 21.390 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 41 Resp: 77320
 Ion Ratio Lower Upper
 41 100
 69 79.0 62.8 94.2
 39 54.3 43.8 65.6



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

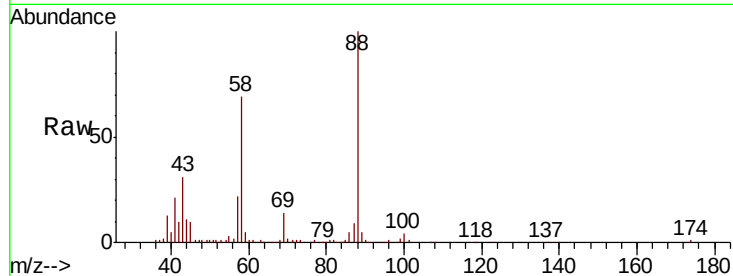




#49
1,4-Dioxane
Concen: 351.232 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	30121
Ion	Ratio	Lower	Upper
88	100		
43	36.6	26.7	40.1
58	74.1	58.5	87.7

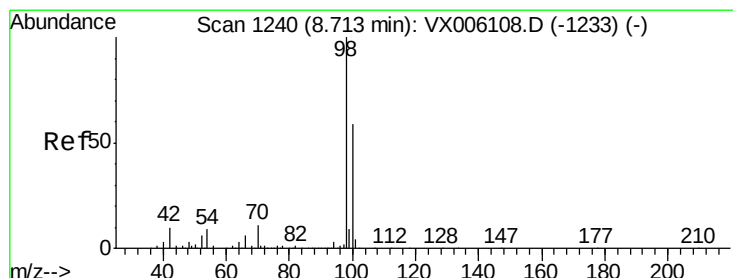
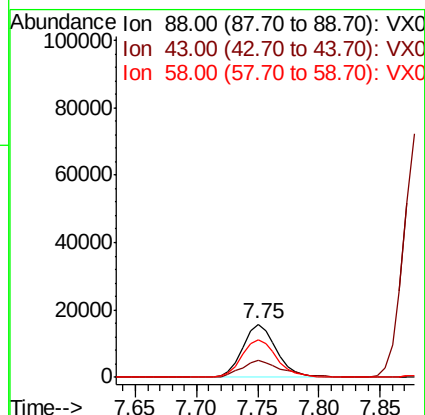
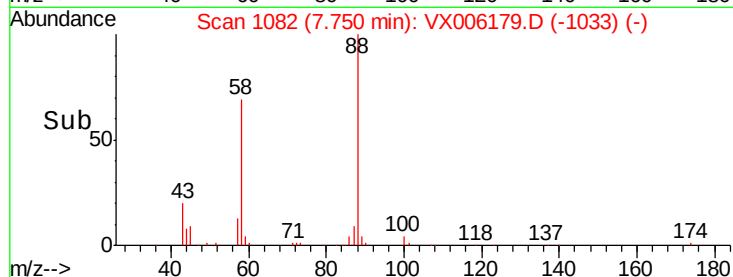


Abundance

Ion 88.00 (87.70 to 88.70): VX0

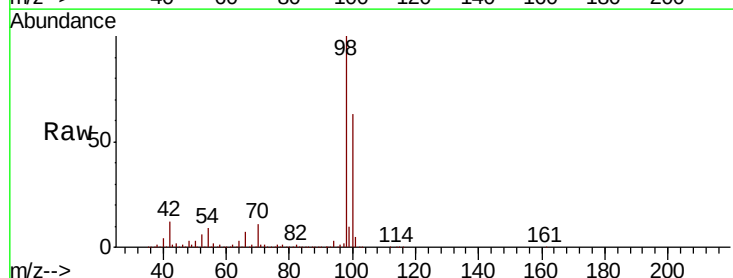
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.621 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

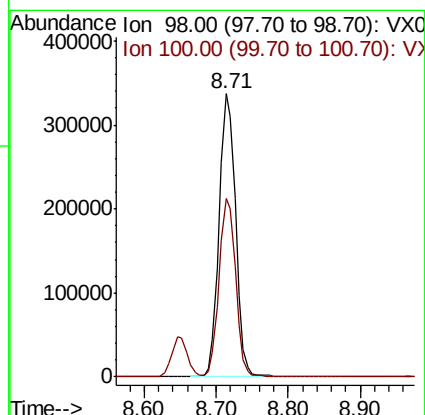
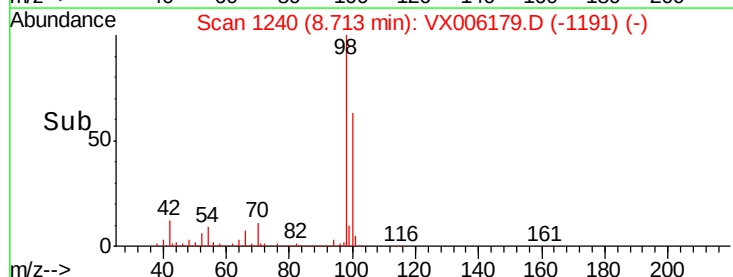
Tgt Ion	98	Resp	532918
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.0	76.4

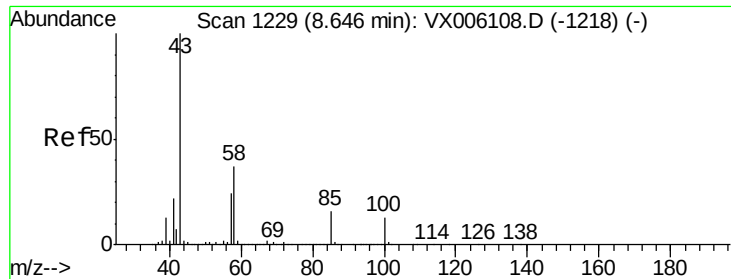


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

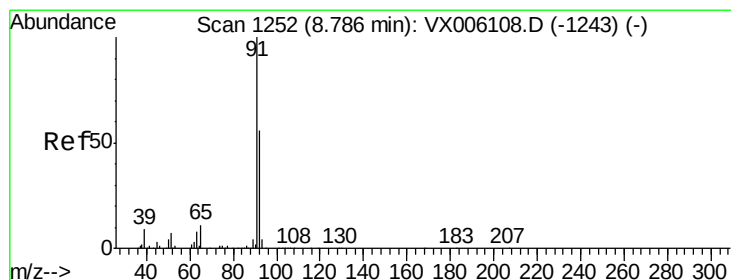
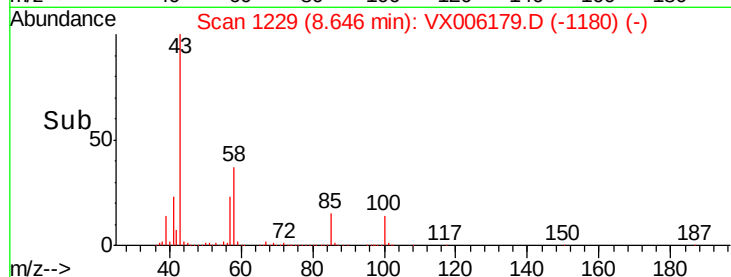
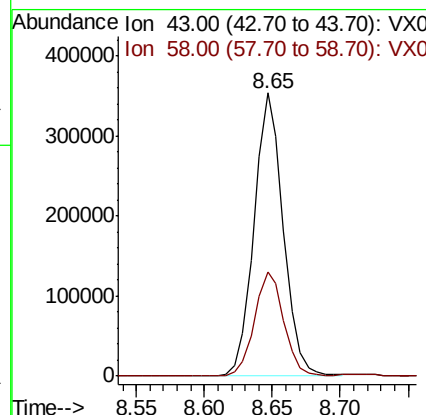
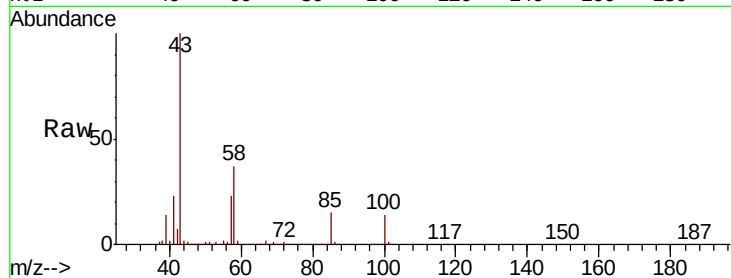




#51
 4-Methyl-2-Pentanone
 Concen: 103.705 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

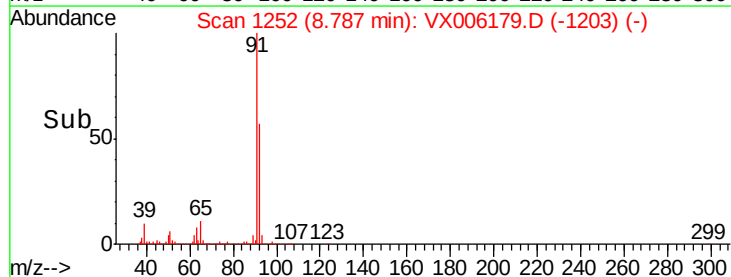
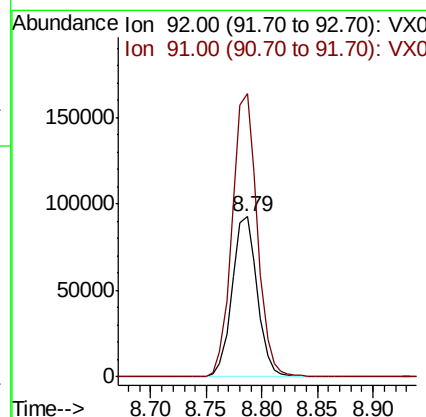
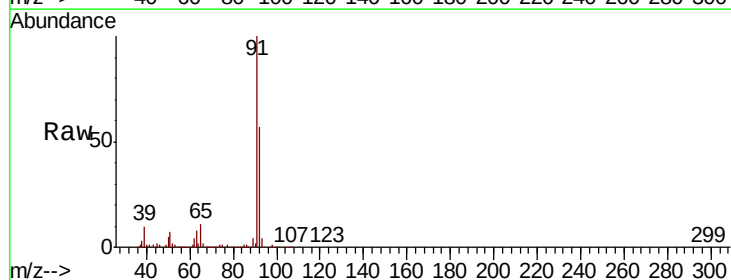
Instrument :
 MSVOA_X
 ClientSampleId :

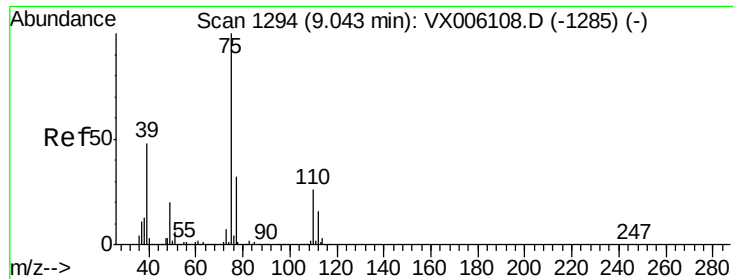
Tot Ion: 43 Resp: 529889
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.9 44.9



#52
 Toluene
 Concen: 20.651 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 92 Resp: 144356
 Ion Ratio Lower Upper
 92 100
 91 177.1 142.5 213.7





#53

t-1,3-Dichloropropene

Concen: 21.449 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

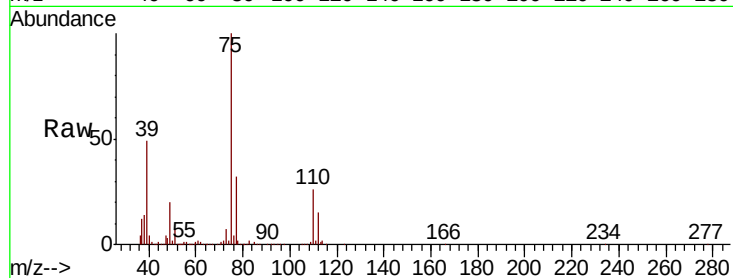
ClientSampleId :

Tot Ion: 75 Resp: 84792

Ion Ratio Lower Upper

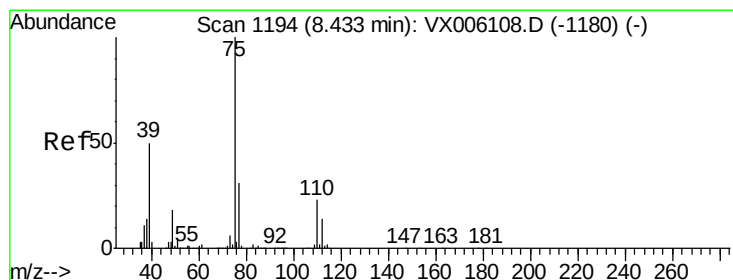
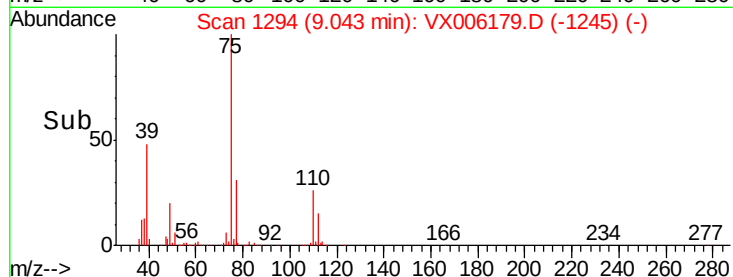
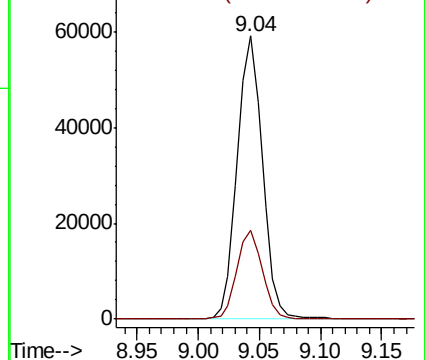
75 100

77 31.5 25.7 38.5



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: 20.865 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

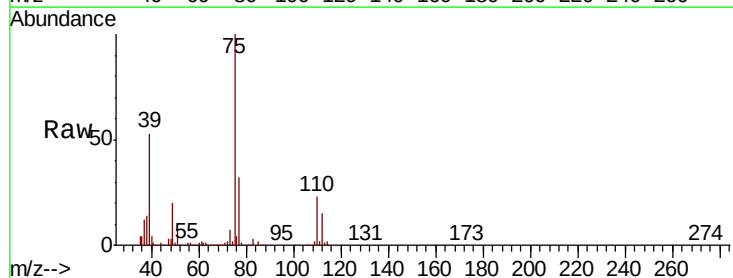
Tgt Ion: 75 Resp: 91183

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

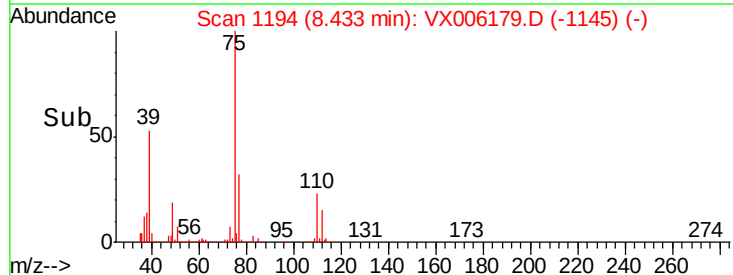
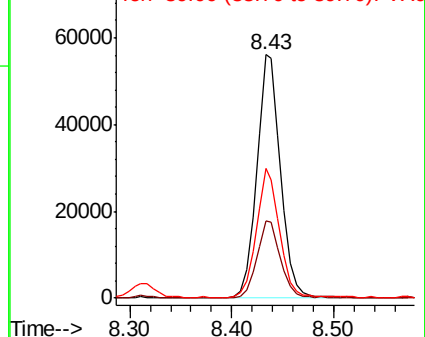
39 52.9 40.3 60.5

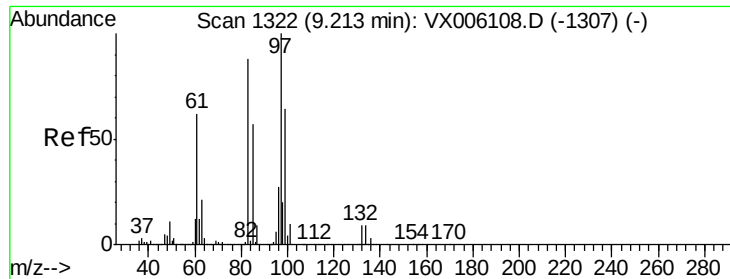


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

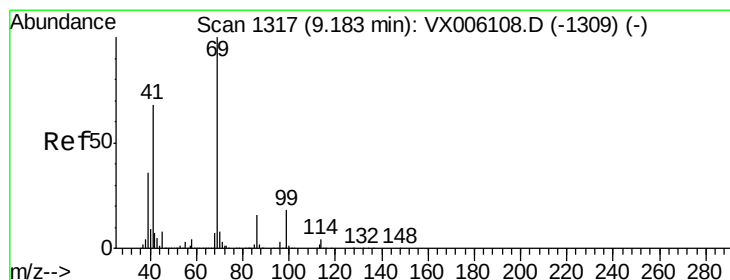
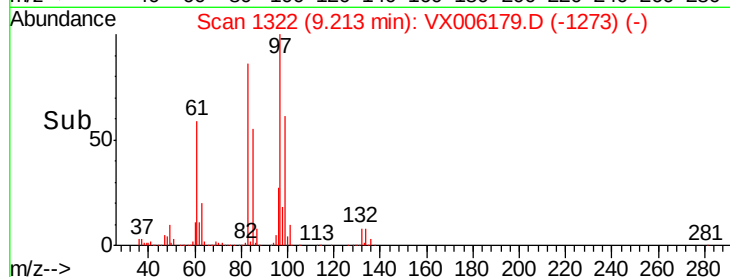
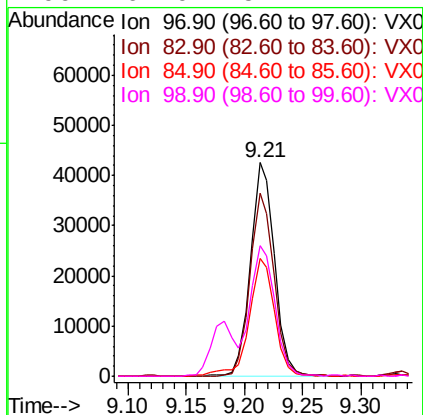
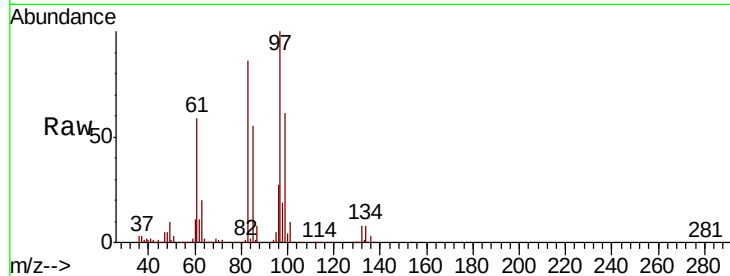




#55
 1,1,2-Trichloroethane
 Concen: 20.412 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

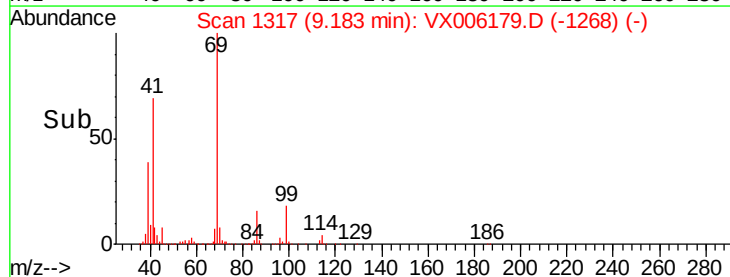
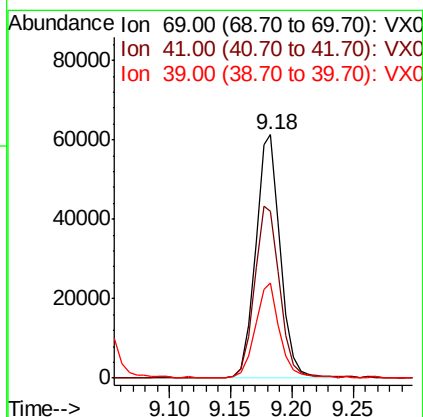
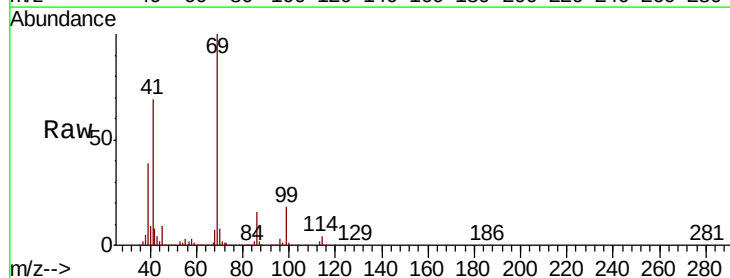
Instrument :
 MSVOA_X
 ClientSampleId :

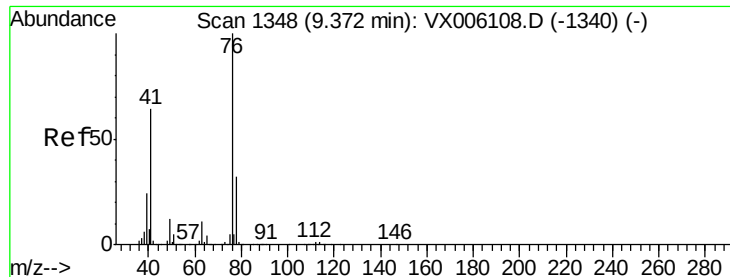
Tot Ion: 97 Resp: 61796
 Ion Ratio Lower Upper
 97 100
 83 85.7 70.7 106.1
 85 54.8 45.7 68.5
 99 61.0 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 20.079 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 69 Resp: 86083
 Ion Ratio Lower Upper
 69 100
 41 72.0 56.2 84.4
 39 38.4 29.4 44.0





#57

1,3-Dichloropropane

Concen: 20.508 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

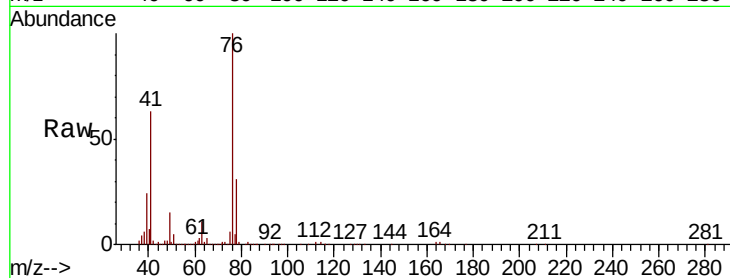
ClientSampled :

Tot Ion: 76 Resp: 102336

Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

80000

60000

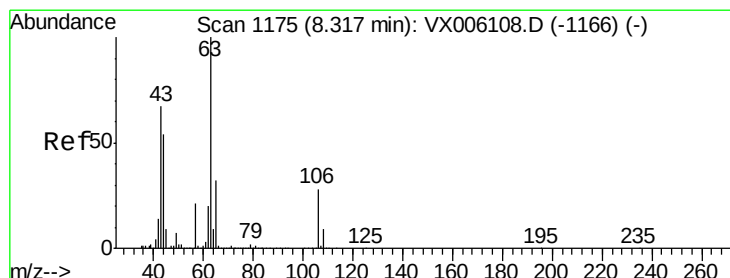
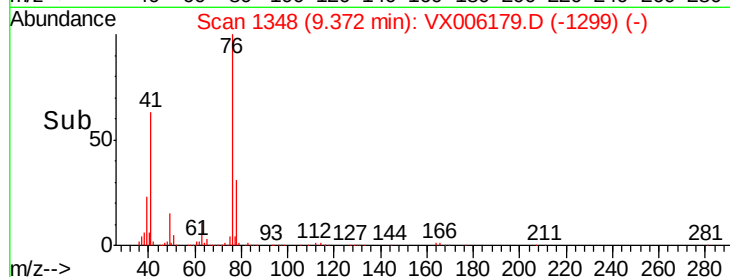
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 101.333 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006179.D

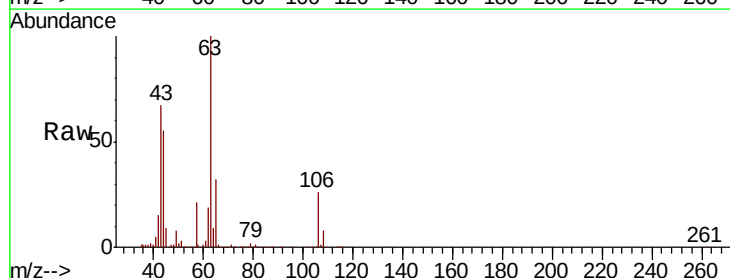
Acq: 26 Nov 2018 16:58

Tgt Ion: 63 Resp: 255809

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

200000

150000

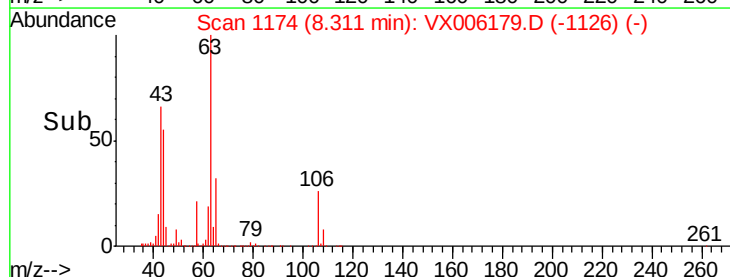
100000

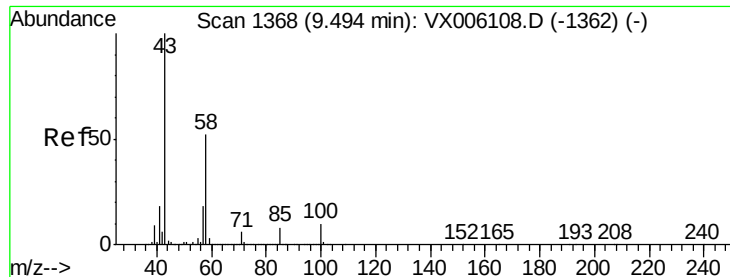
50000

0

8.20 8.30 8.40

Time-->

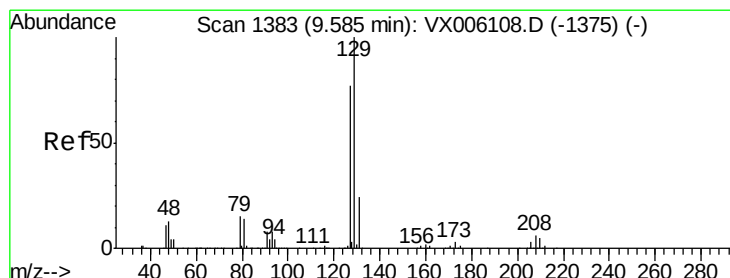
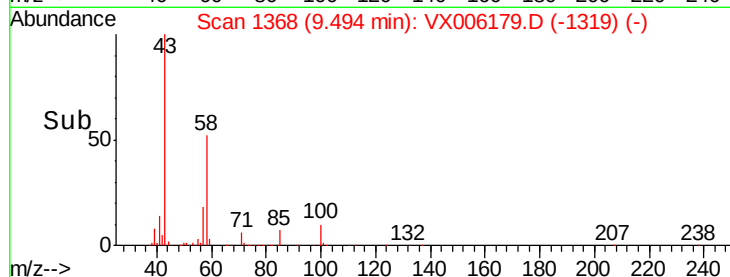
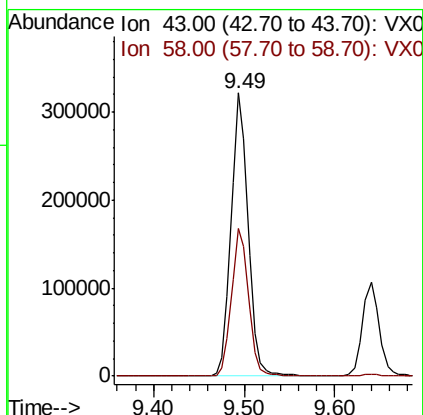
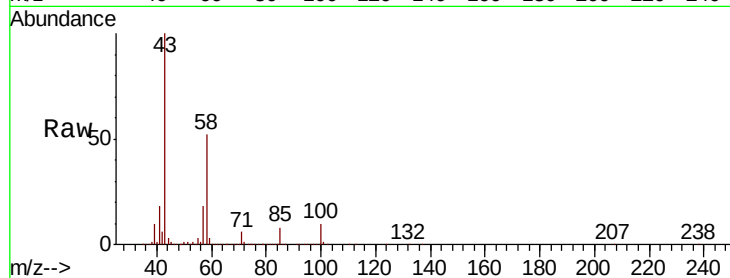




#59
2-Hexanone
Concen: 103.752 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

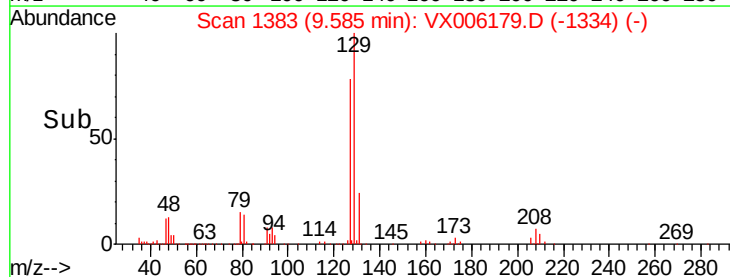
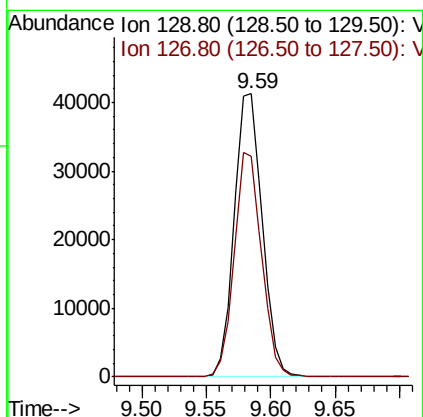
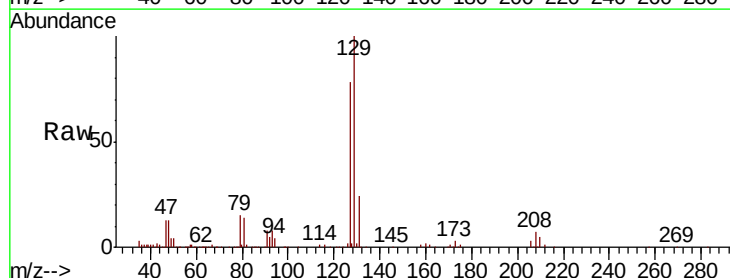
Instrument :
MSVOA_X
ClientSampleId :

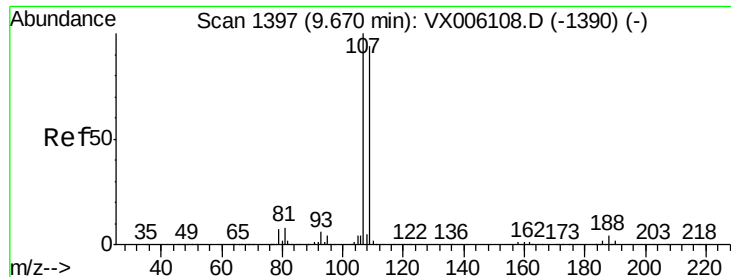
Tot Ion: 43 Resp: 420714
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.9



#60
Dibromochloromethane
Concen: 21.130 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion:129 Resp: 62716
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5





#61

1,2-Dibromoethane

Concen: 20.816 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

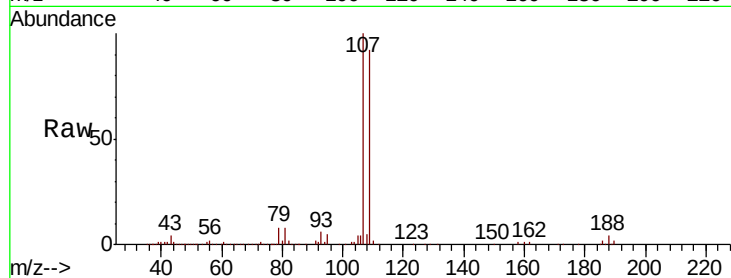
ClientSampled :

Tot Ion:107 Resp: 64924

Ion Ratio Lower Upper

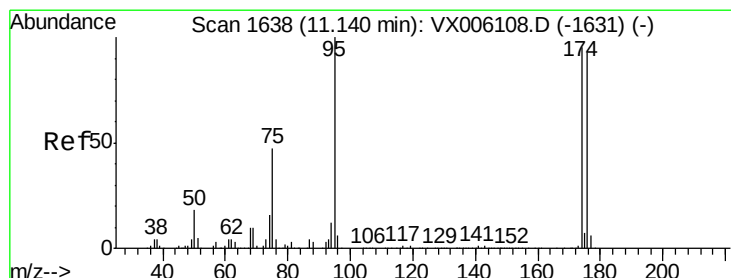
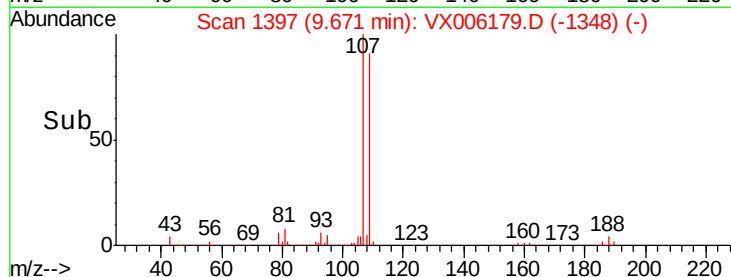
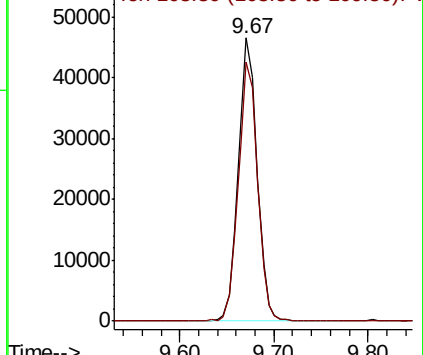
107 100

109 93.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.398 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

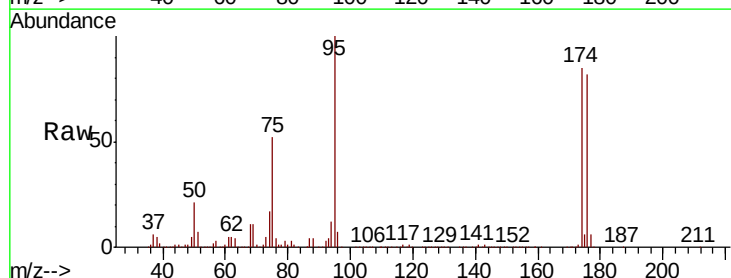
Tgt Ion: 95 Resp: 191341

Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.4

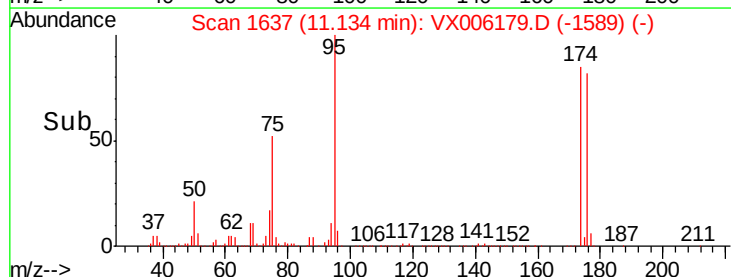
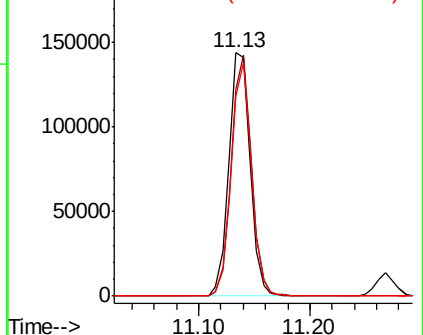
176 90.7 0.0 179.0

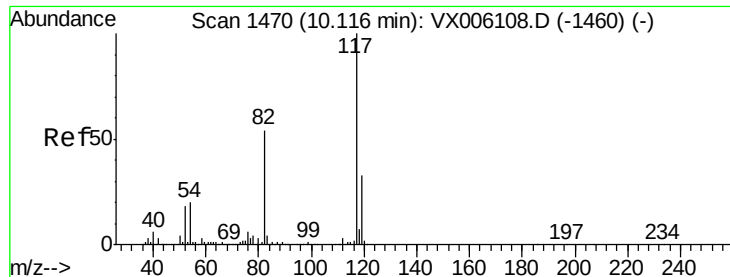


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

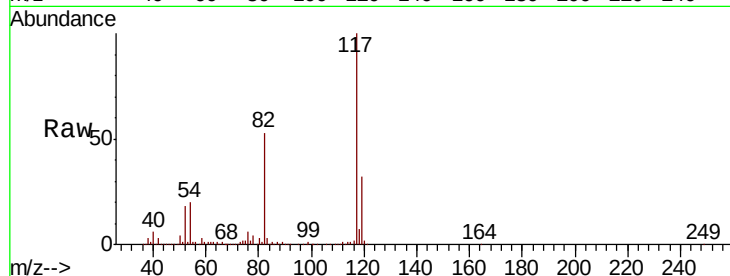




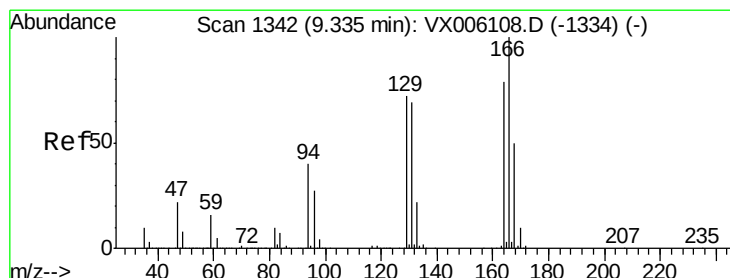
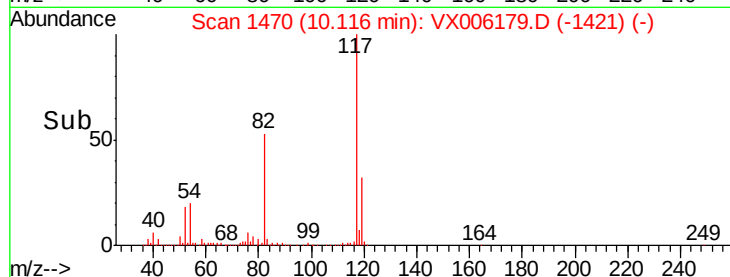
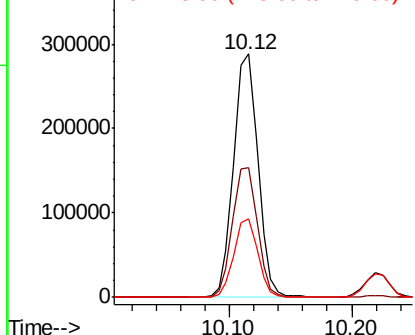
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 397404
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.2 26.1 39.1

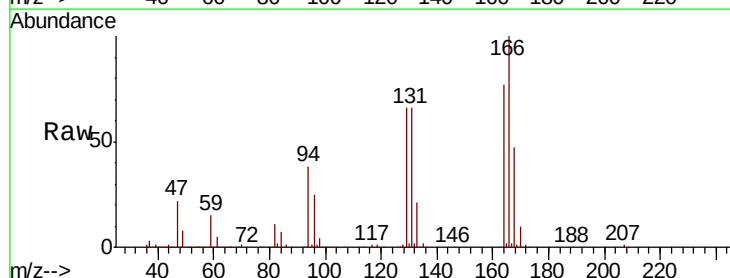


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

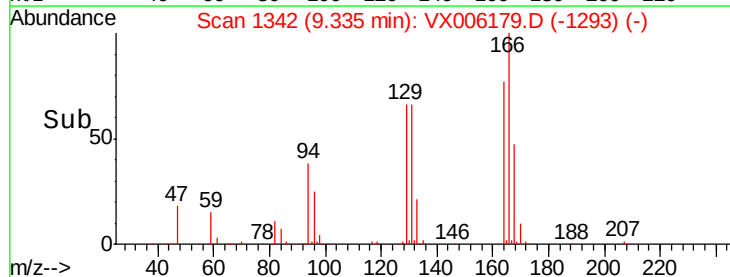
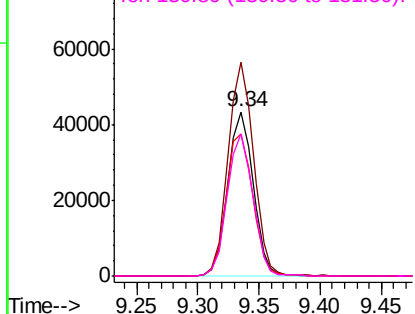


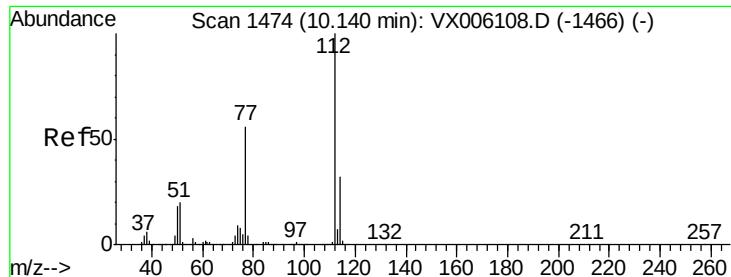
#64
Tetrachloroethene
Concen: 19.155 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion:164 Resp: 62644
Ion Ratio Lower Upper
164 100
166 130.1 101.5 152.3
129 86.3 73.4 110.0
131 86.2 70.2 105.4



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

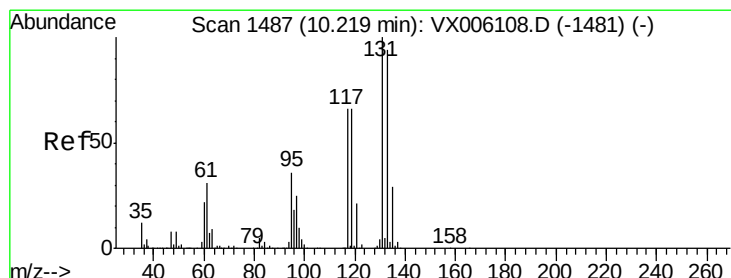
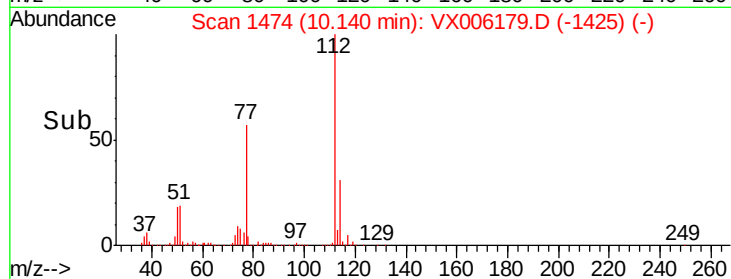
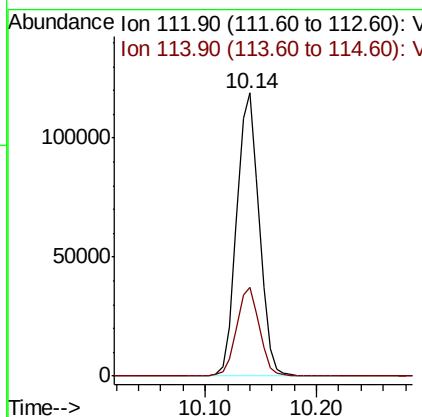
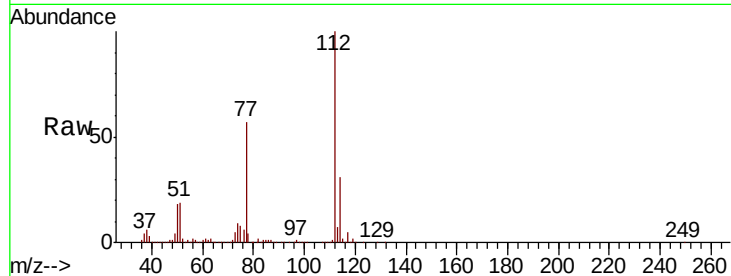




#65
Chlorobenzene
Concen: 20.395 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

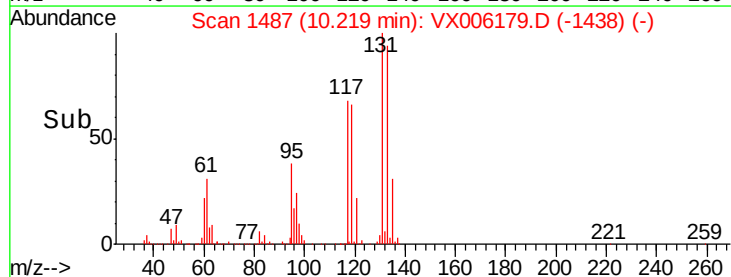
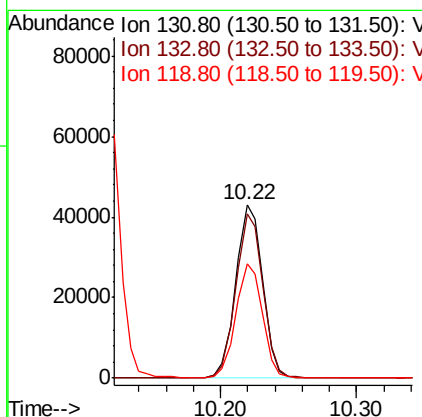
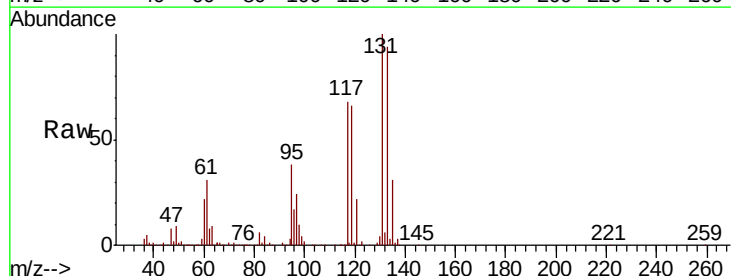
Instrument :
MSVOA_X
ClientSampleId :

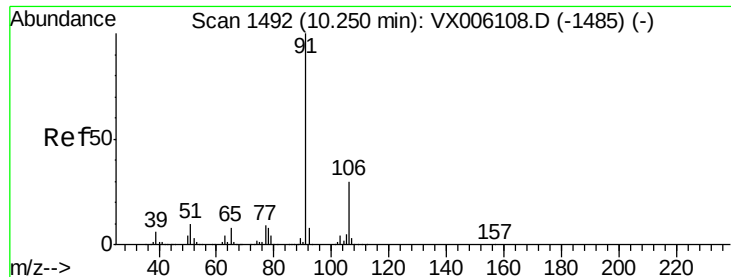
Tot Ion:112 Resp: 166251
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.084 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion:131 Resp: 59004
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 66.3 32.6 97.8

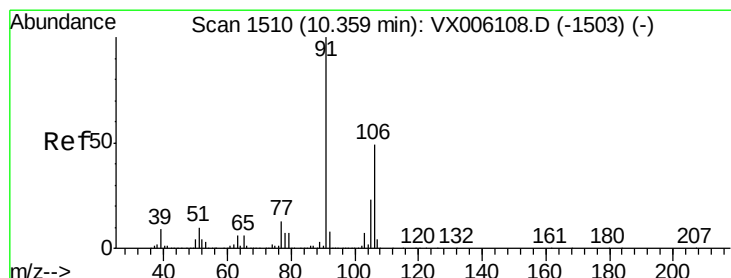
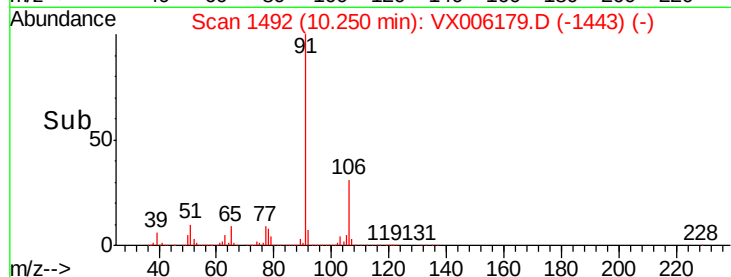
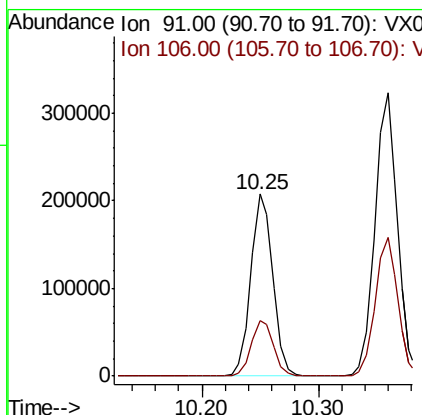
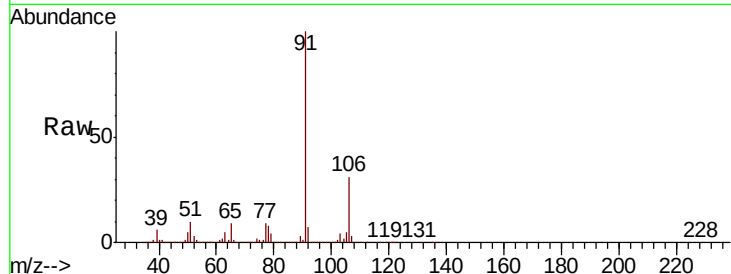




#67
Ethyl Benzene
Concen: 20.602 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

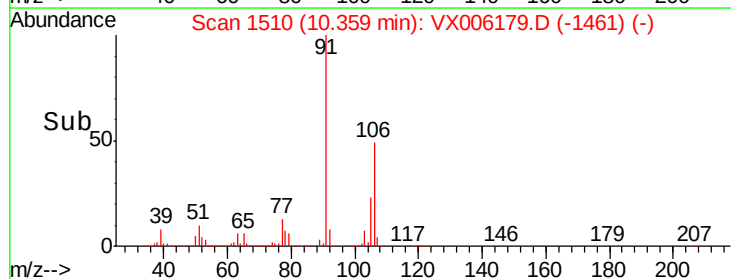
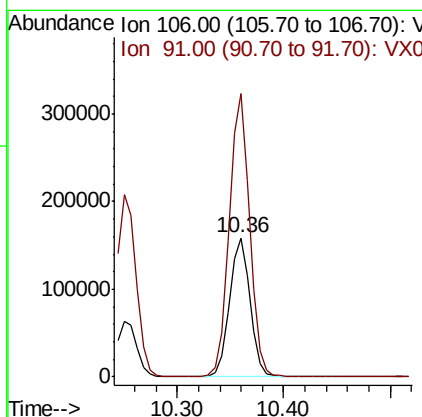
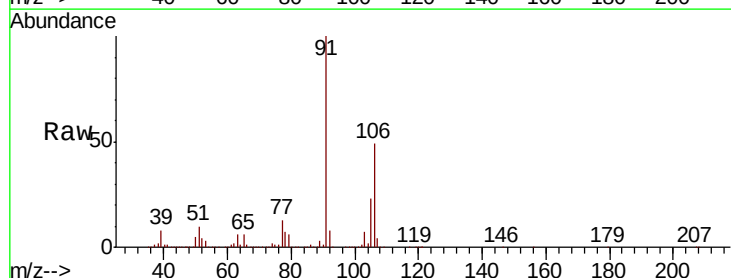
Instrument :
MSVOA_X
ClientSampleId :

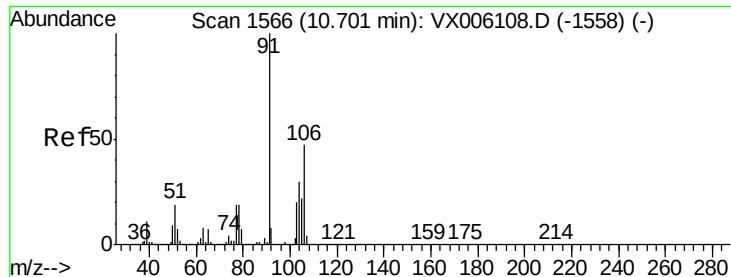
Tot Ion: 91 Resp: 274974
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6



#68
m/p-Xylenes
Concen: 41.268 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion: 106 Resp: 214481
Ion Ratio Lower Upper
106 100
91 202.5 162.0 243.0

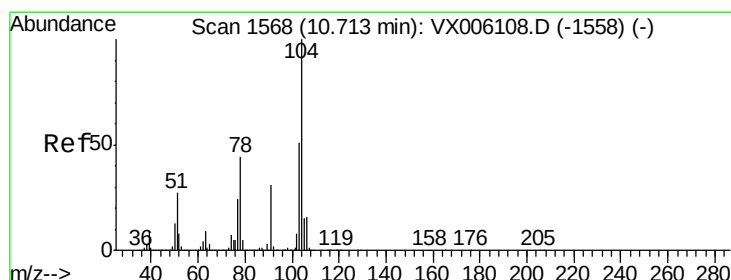
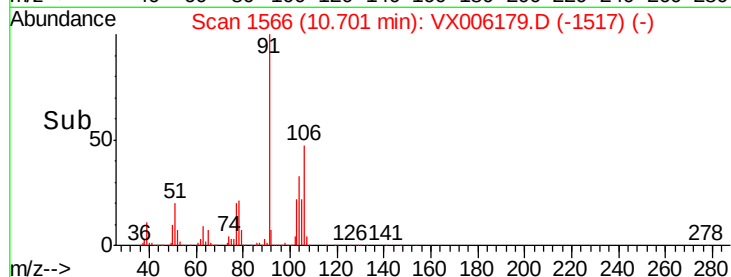
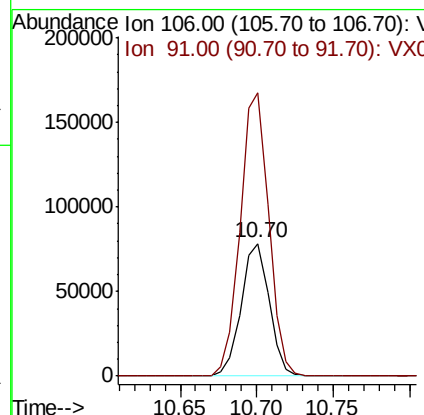
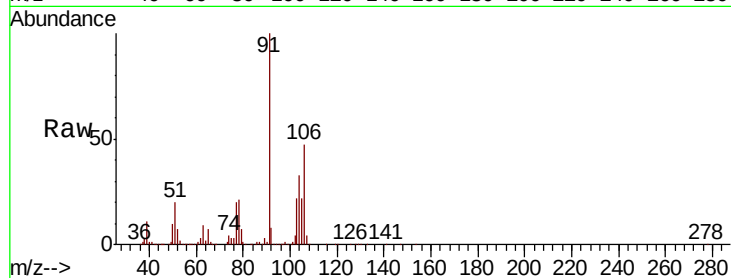




#69
o-Xylene
Concen: 20.207 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

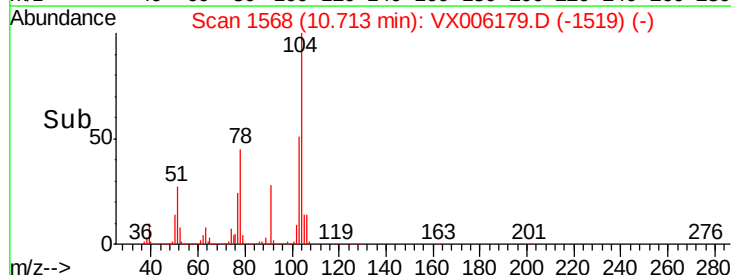
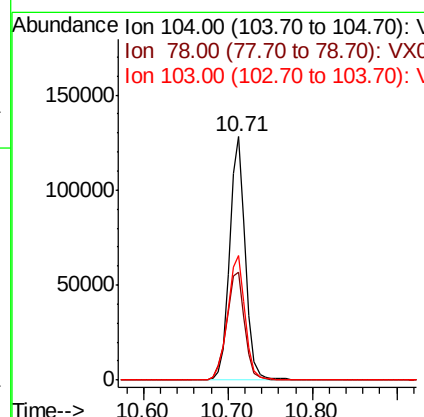
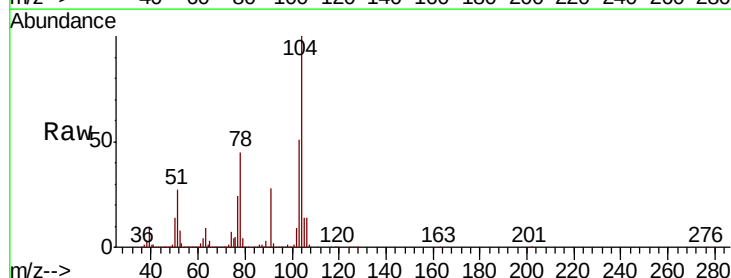
Instrument :
MSVOA_X
ClientSampleId :

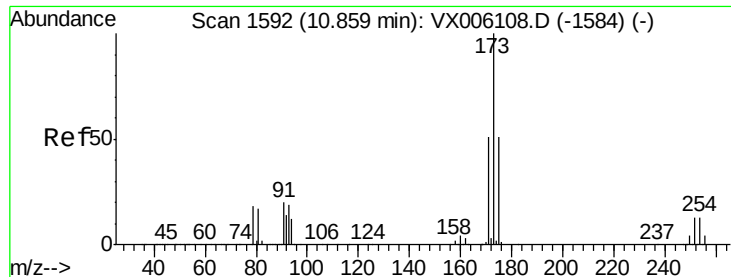
Tot Ion:106 Resp: 100317
Ion Ratio Lower Upper
106 100
91 216.2 107.4 322.2



#70
Styrene
Concen: 20.434 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion:104 Resp: 165401
Ion Ratio Lower Upper
104 100
78 51.1 39.4 59.2
103 56.6 44.6 67.0





#71

Bromoform

Concen: 20.655 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

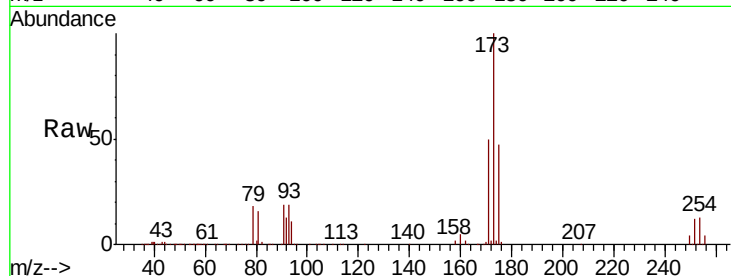
Tot Ion:173 Resp: 51743

Ion Ratio Lower Upper

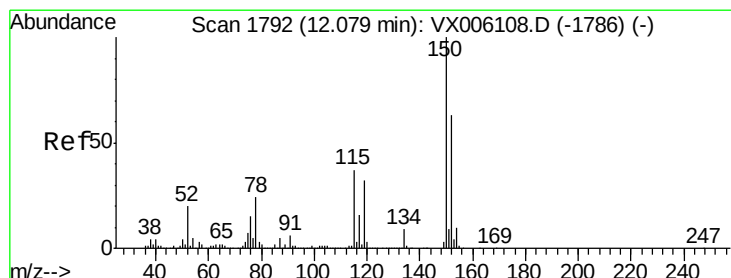
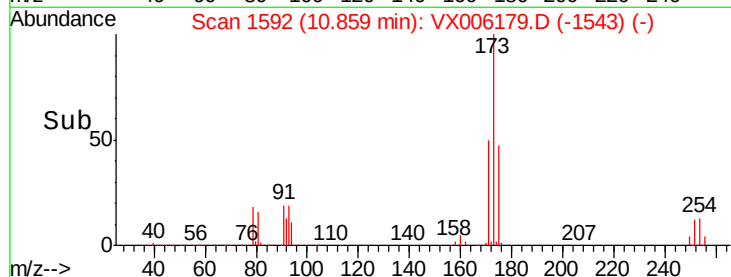
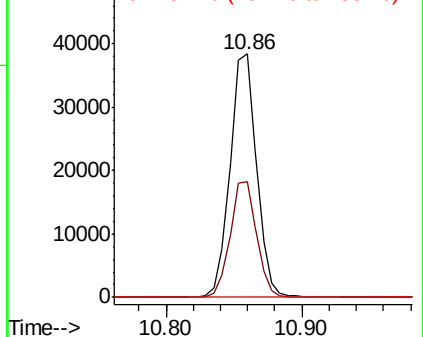
173 100

175 47.8 24.9 74.6

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

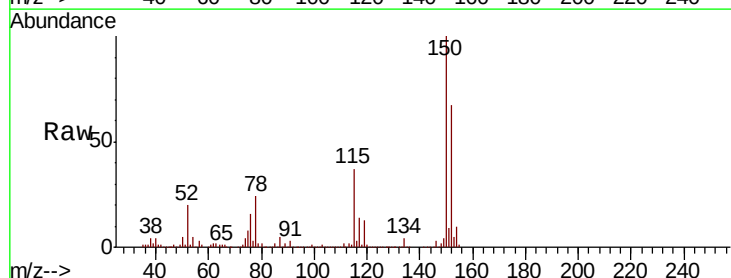
Tgt Ion:152 Resp: 215825

Ion Ratio Lower Upper

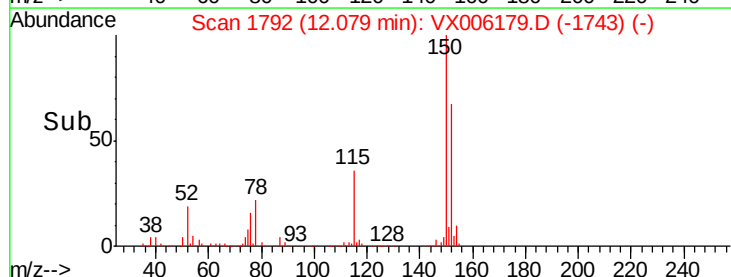
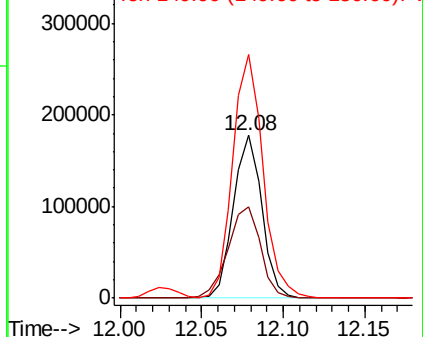
152 100

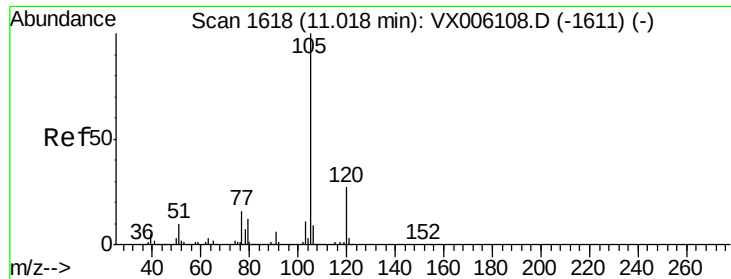
115 64.0 39.0 116.9

150 159.4 0.0 346.6



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: 21.284 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

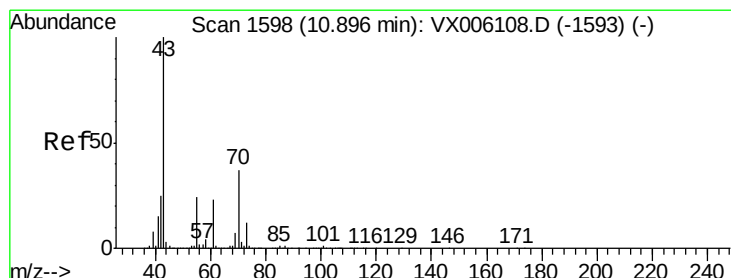
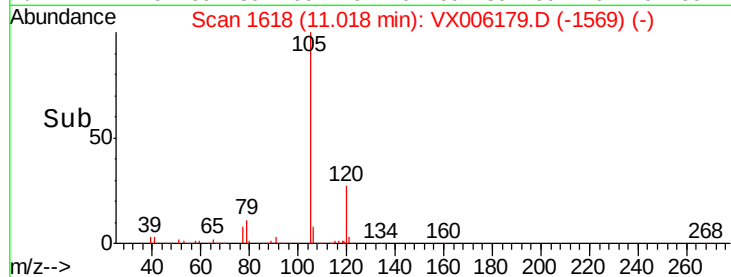
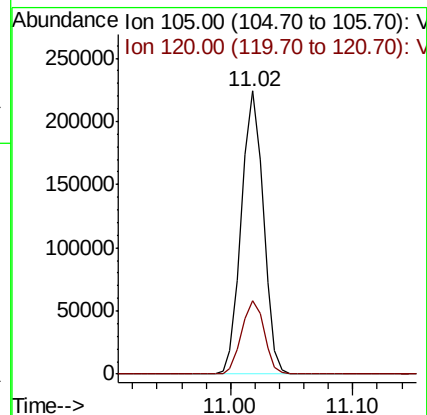
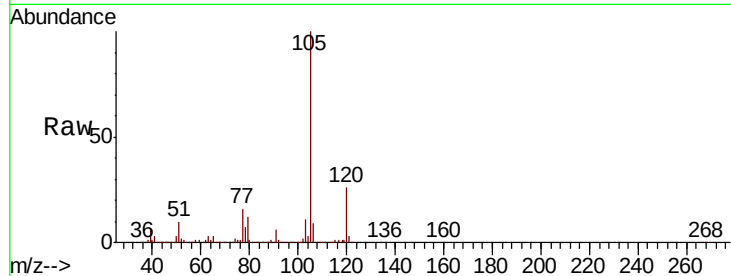
ClientSampled :

Tot Ion:105 Resp: 277941

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 20.701 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion: 43 Resp: 128847

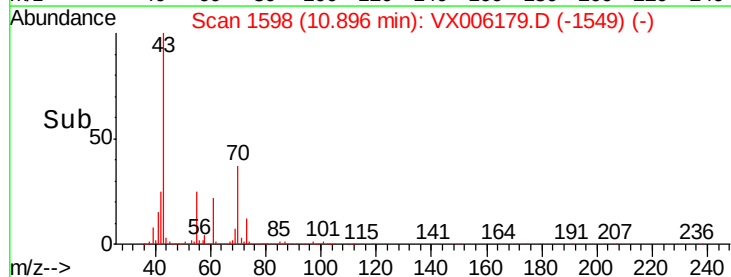
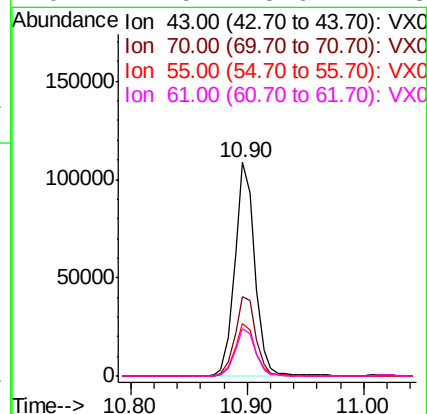
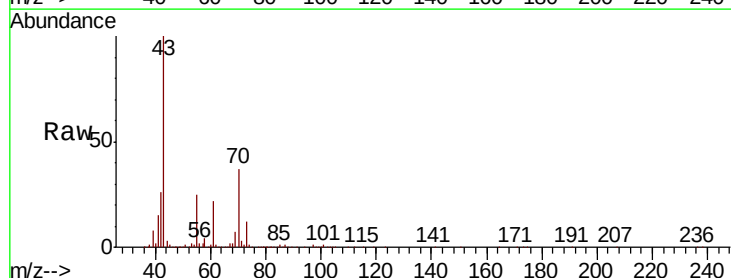
Ion Ratio Lower Upper

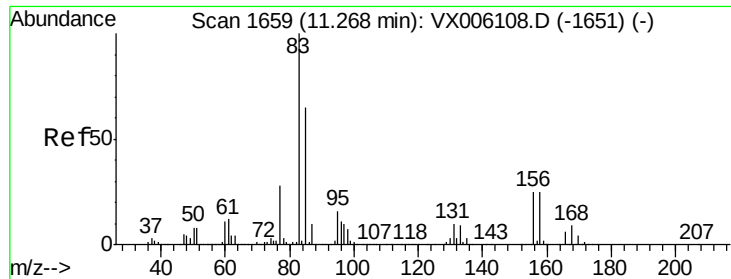
43 100

70 39.6 31.8 47.6

55 25.3 19.5 29.3

61 22.5 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.452 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

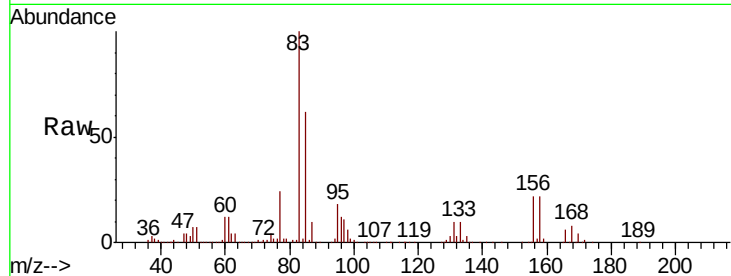
Tot Ion: 83 Resp: 100651

Ion Ratio Lower Upper

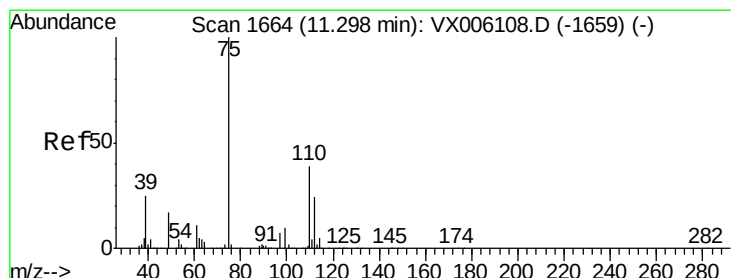
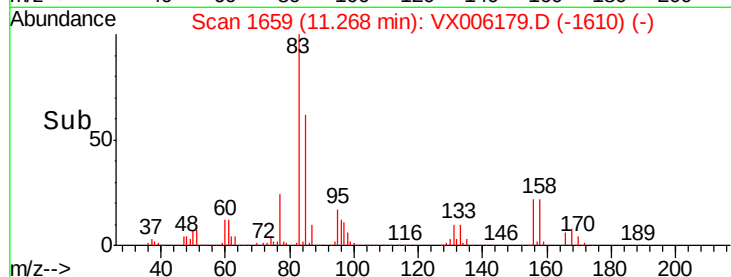
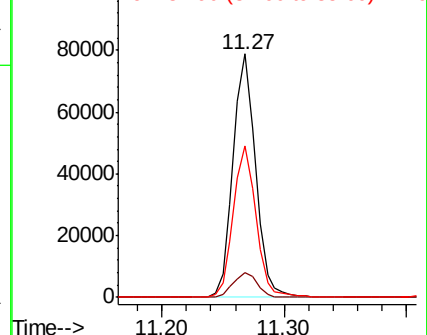
83 100

131 10.5 5.2 15.6

85 63.0 32.6 97.8



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: 25.905 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006179.D

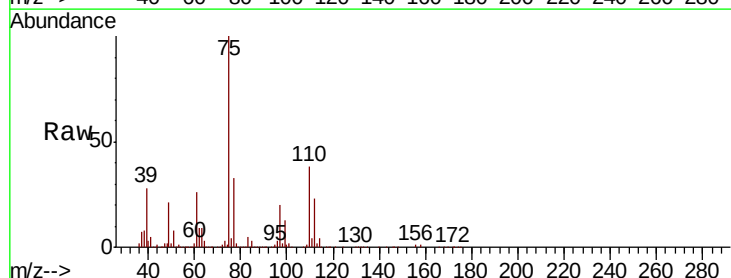
Acq: 26 Nov 2018 16:58

Tgt Ion: 75 Resp: 115105

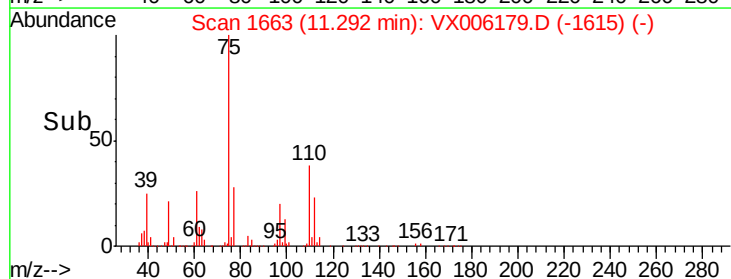
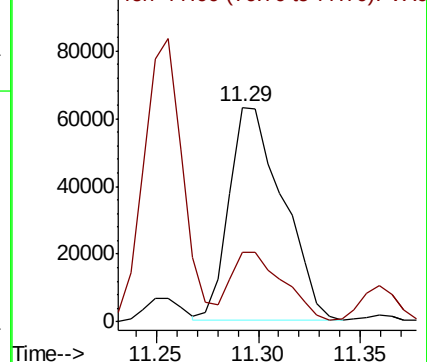
Ion Ratio Lower Upper

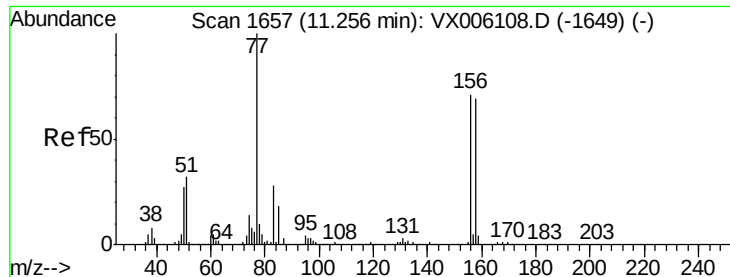
75 100

77 31.7 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.456 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

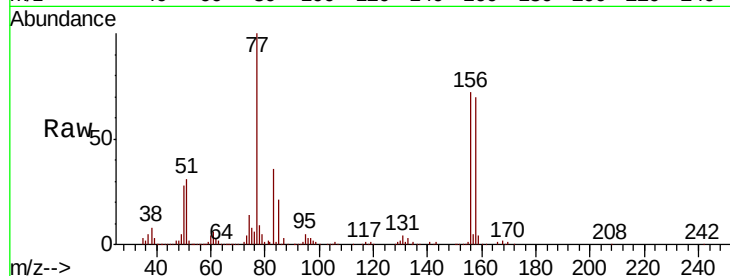
Tot Ion:156 Resp: 74830

Ion Ratio Lower Upper

156 100

77 148.7 74.3 222.8

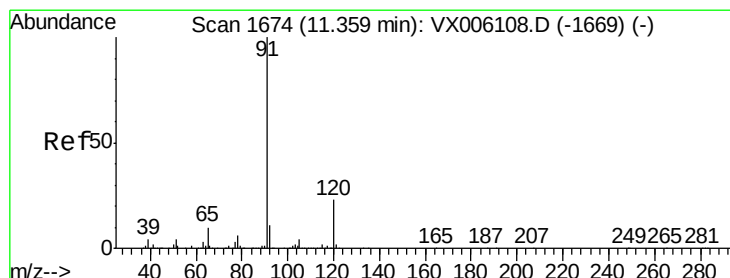
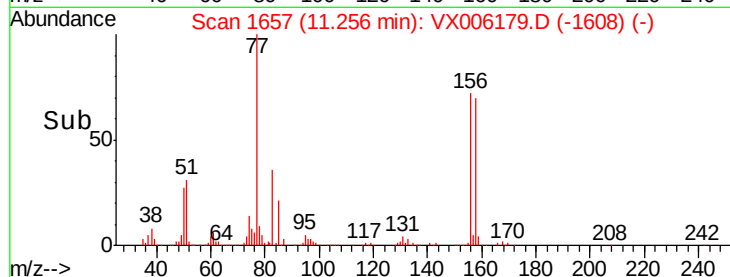
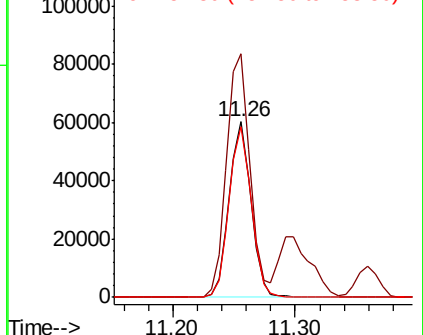
158 98.4 49.0 147.0



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: 21.125 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006179.D

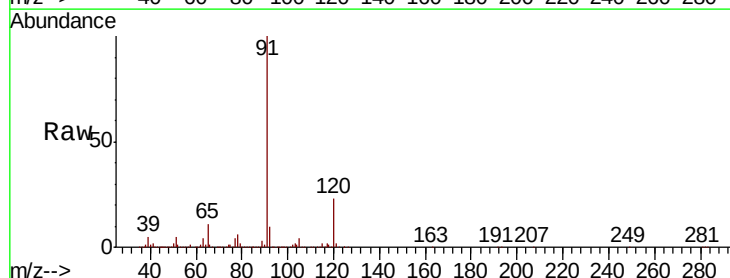
Acq: 26 Nov 2018 16:58

Tgt Ion: 91 Resp: 321270

Ion Ratio Lower Upper

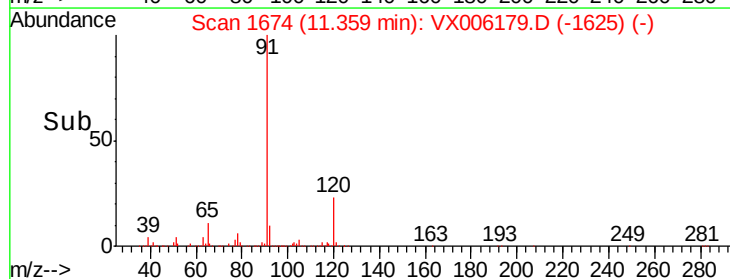
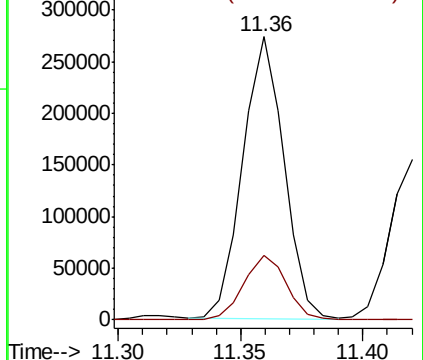
91 100

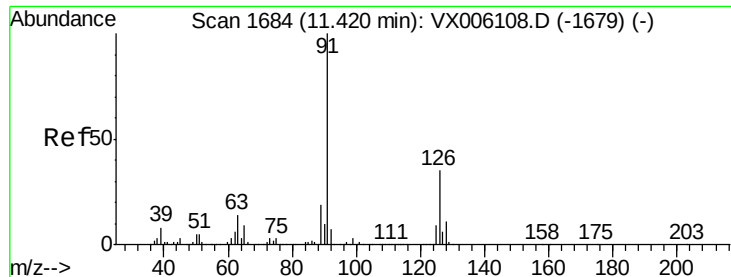
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.017 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

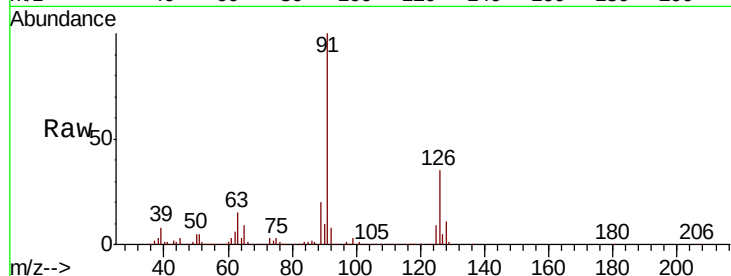
ClientSampleId :

Tot Ion: 91 Resp: 193369

Ion Ratio Lower Upper

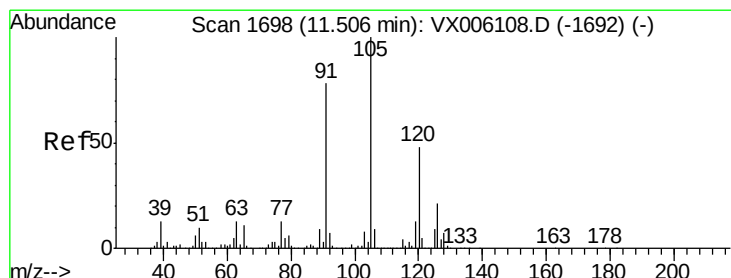
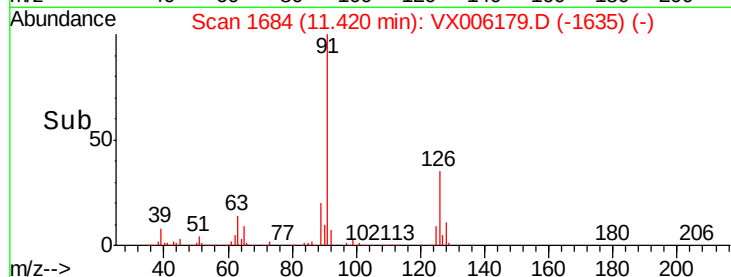
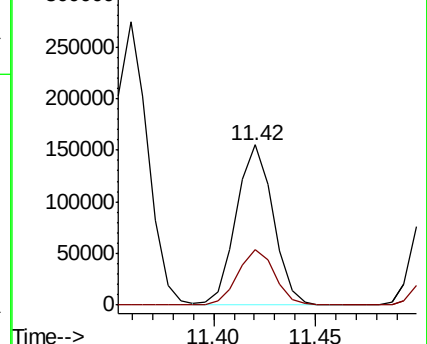
91 100

126 34.8 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.436 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006179.D

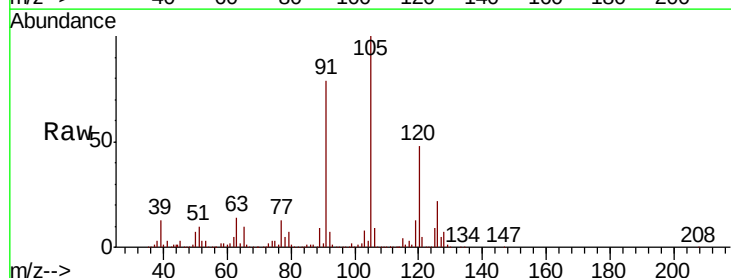
Acq: 26 Nov 2018 16:58

Tgt Ion: 105 Resp: 236009

Ion Ratio Lower Upper

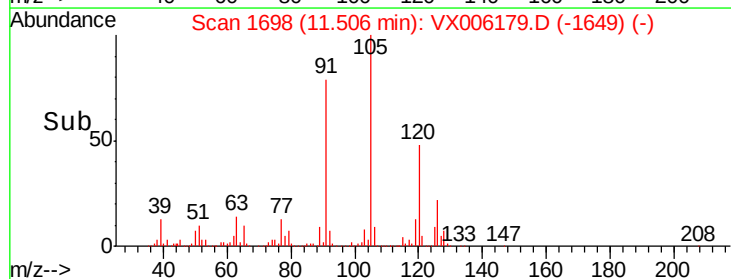
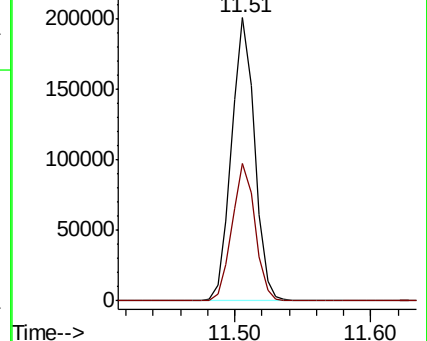
105 100

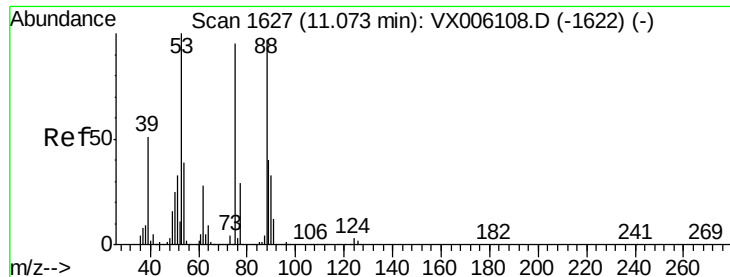
120 48.6 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.780 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

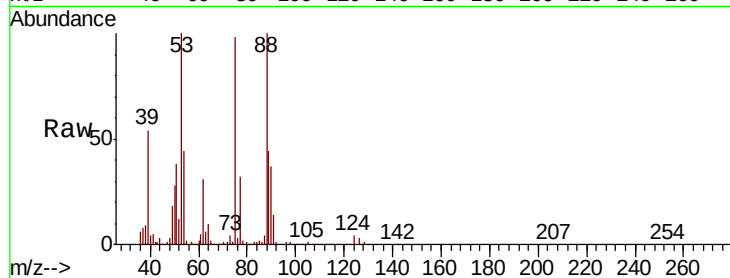
Tot Ion: 75 Resp: 28613

Ion Ratio Lower Upper

75 100

53 102.1 85.3 127.9

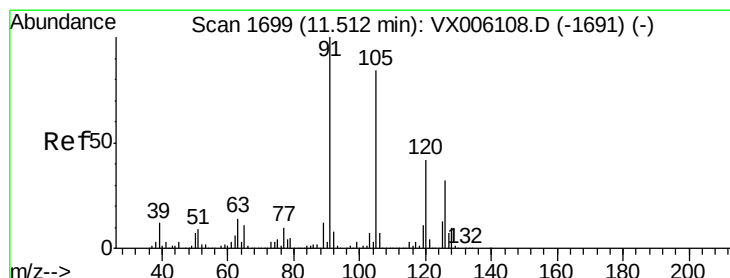
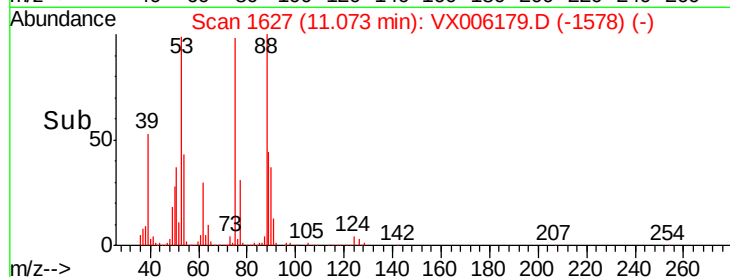
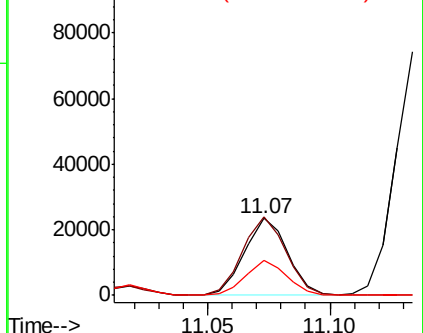
89 44.3 37.2 55.8



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: 21.026 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006179.D

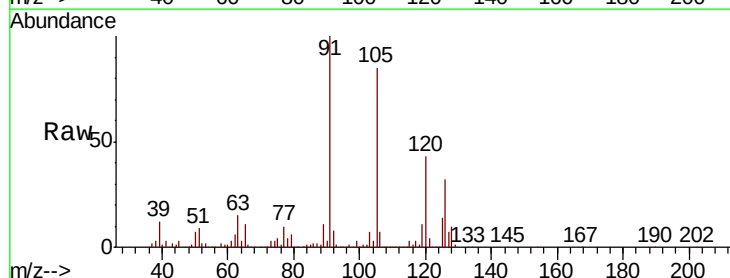
Acq: 26 Nov 2018 16:58

Tgt Ion: 91 Resp: 225757

Ion Ratio Lower Upper

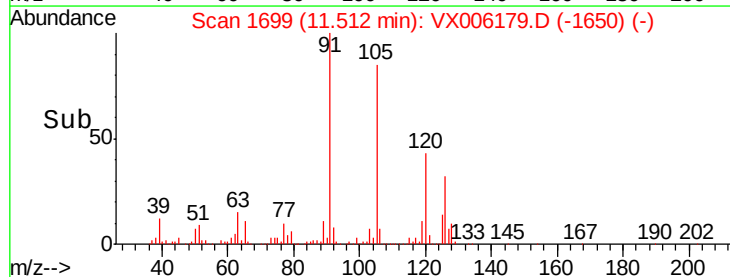
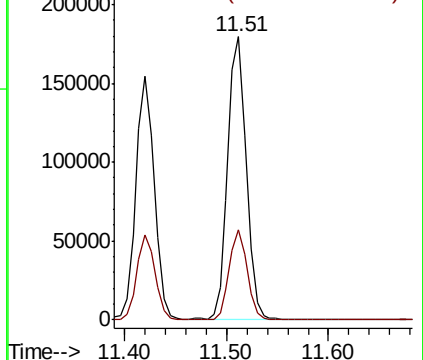
91 100

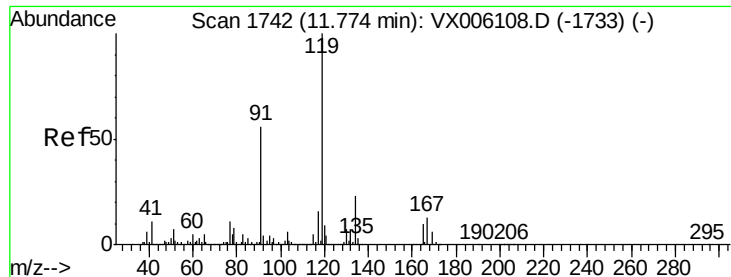
126 31.1 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

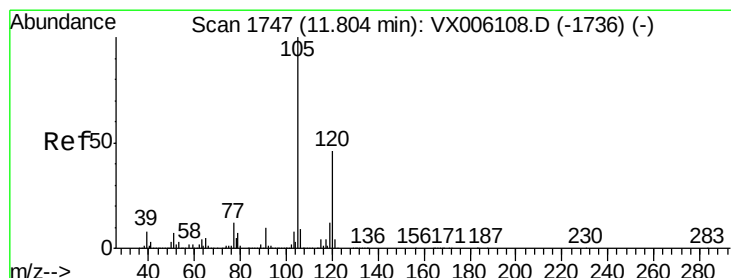
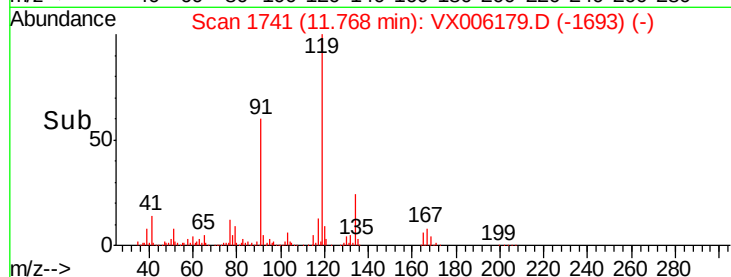
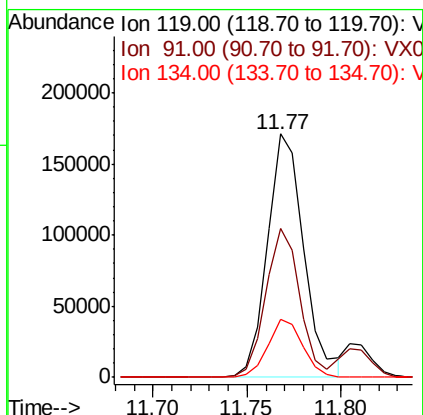
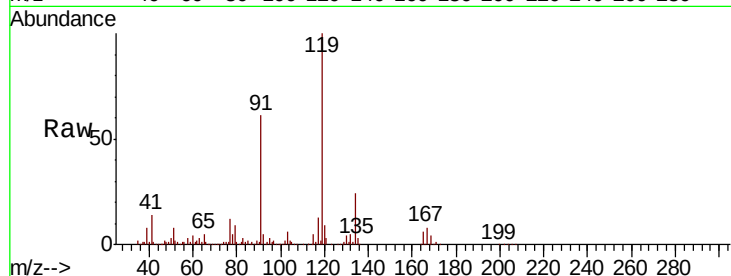




#83
 tert-Butylbenzene
 Concen: 21.323 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

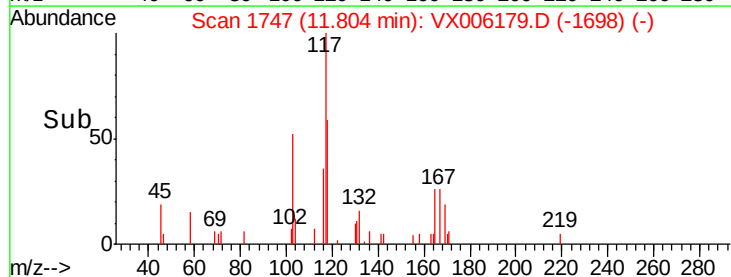
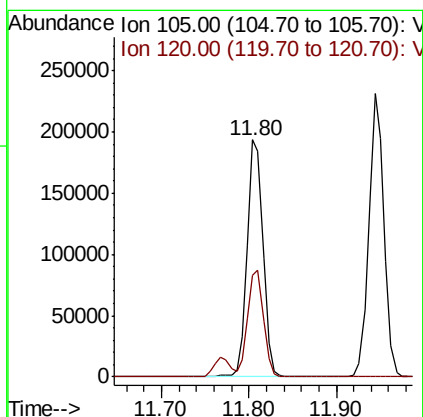
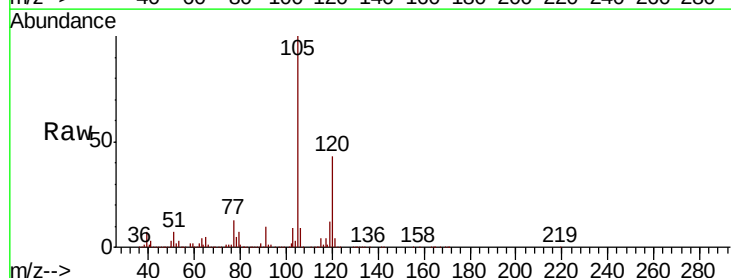
Instrument :
 MSVOA_X
 ClientSampleId :

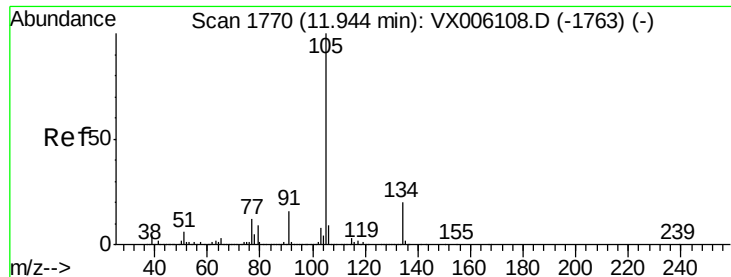
Tot Ion:119 Resp: 229193
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.2 84.6
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.568 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion:105 Resp: 242225
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.0





#85

sec-Butylbenzene

Concen: 21.311 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

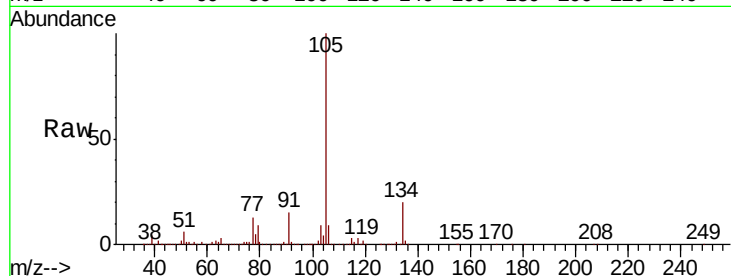
ClientSampled :

Tot Ion:105 Resp: 280173

Ion Ratio Lower Upper

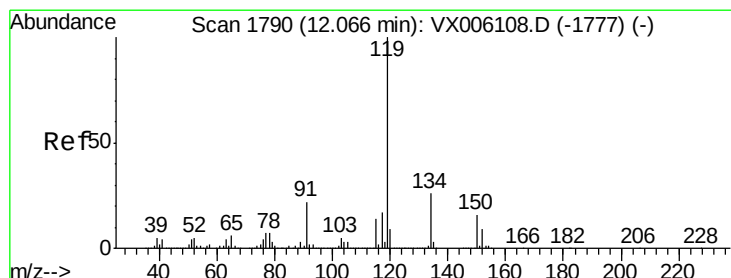
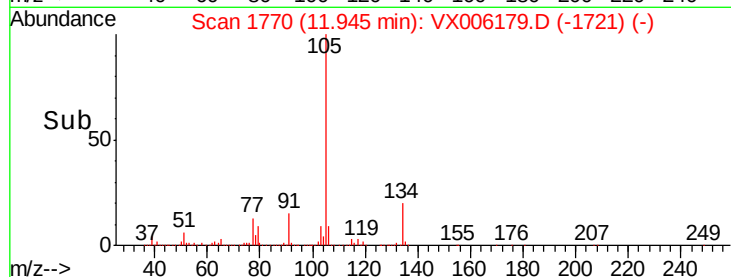
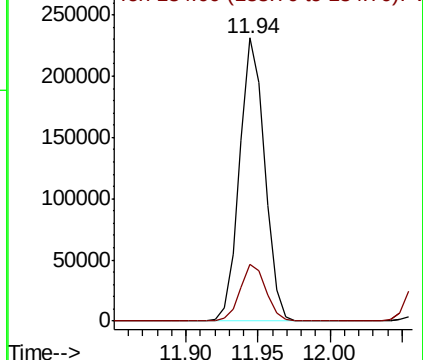
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.016 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

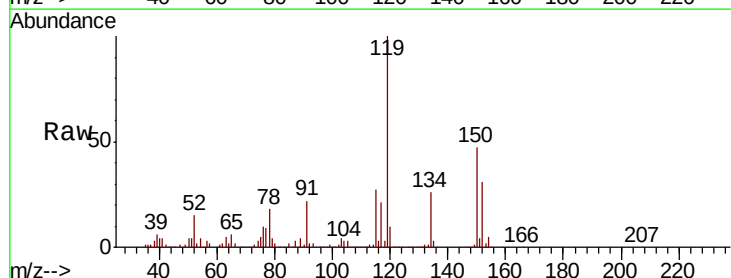
Tgt Ion:119 Resp: 246343

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

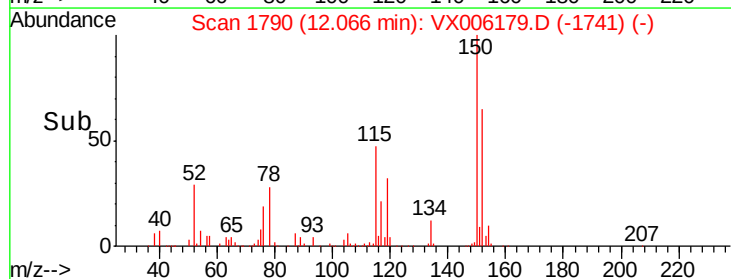
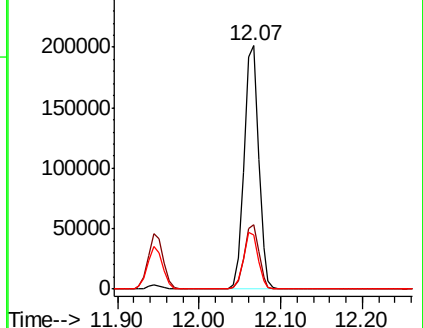
91 23.7 11.3 33.9

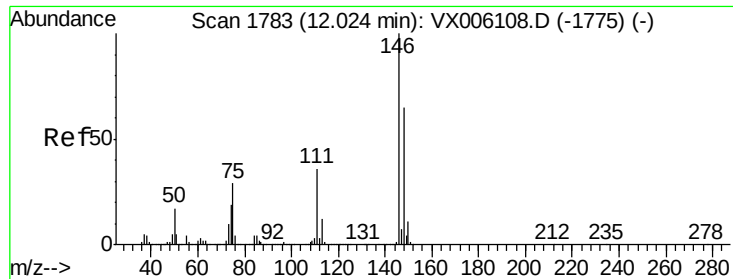


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

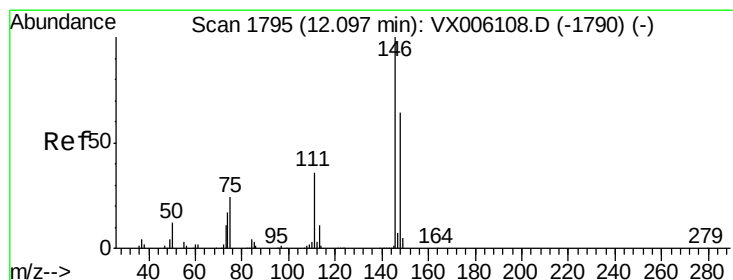
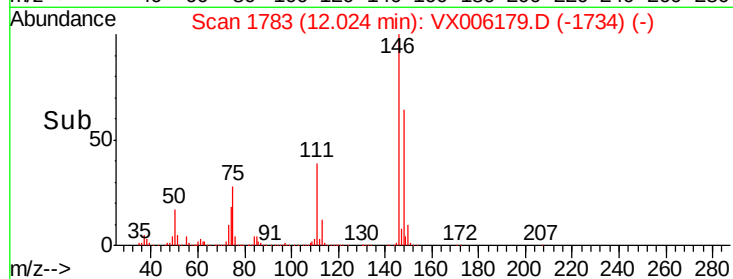
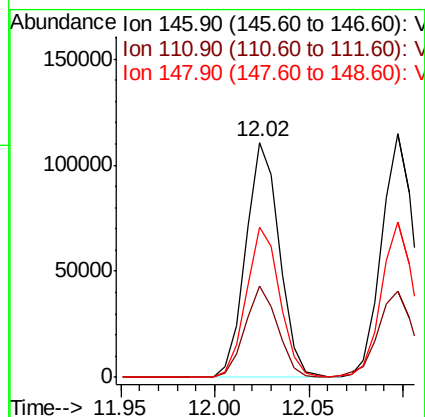
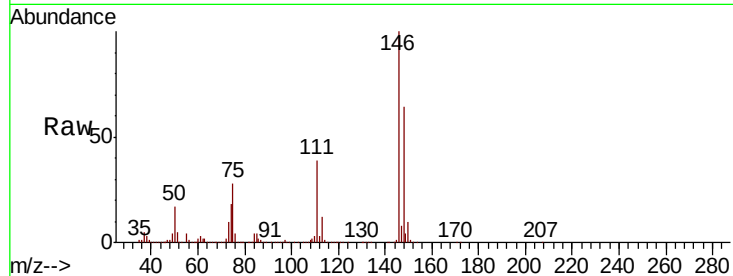




#87
 1,3-Dichlorobenzene
 Concen: 20.257 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

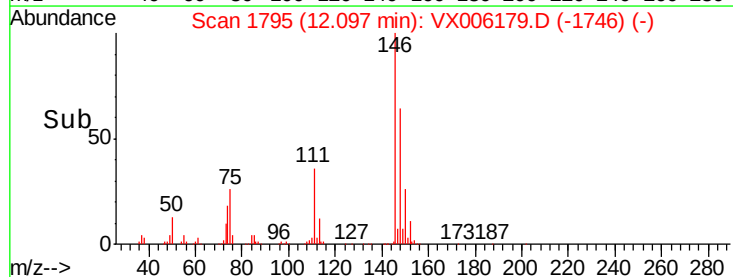
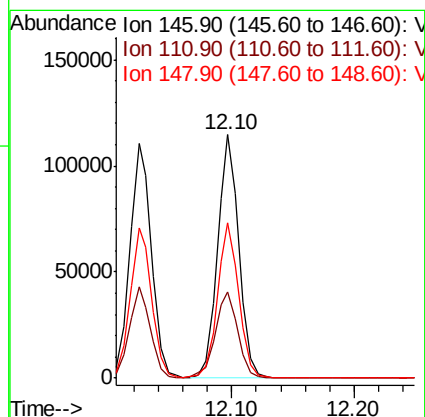
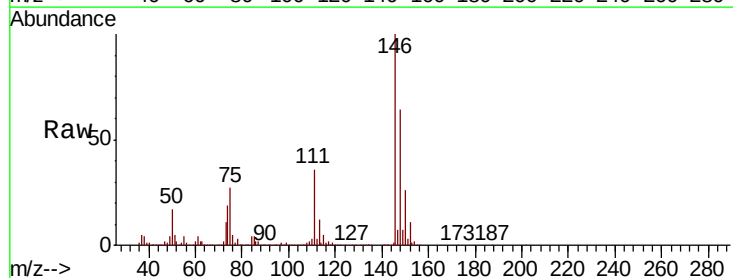
Instrument :
 MSVOA_X
 ClientSampleId :

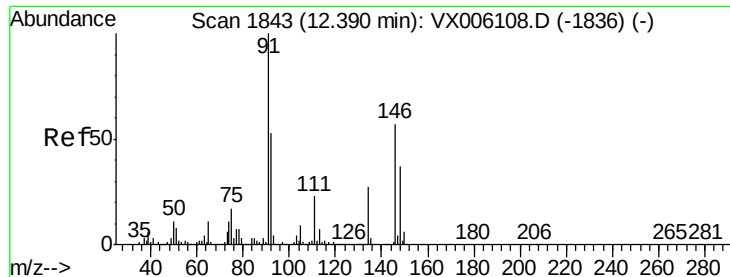
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	63.8	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.846 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.3	54.9
148	64.1	32.2	96.6





#89

n-Butylbenzene

Concen: 19.953 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampled :

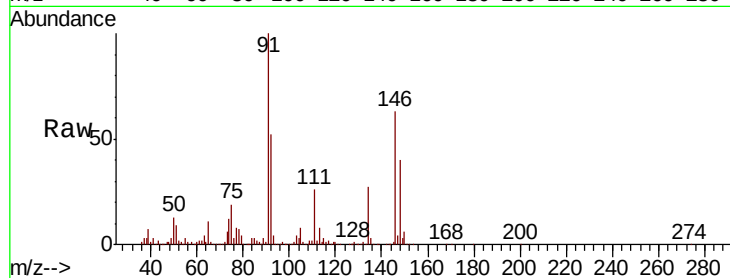
Tot Ion: 91 Resp: 211761

Ion Ratio Lower Upper

91 100

92 51.8 26.6 79.7

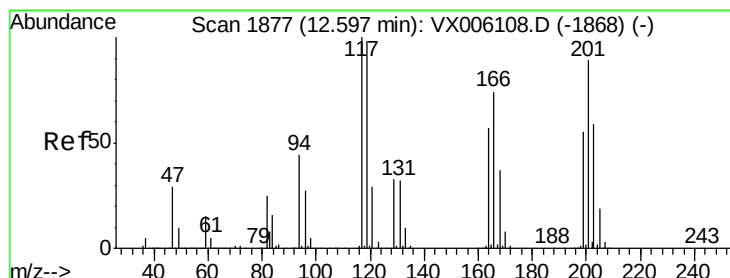
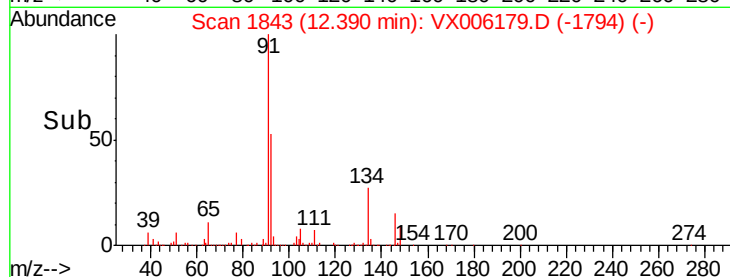
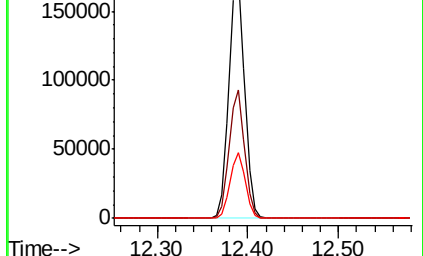
134 26.4 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX006108.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX006108.D (-1836) (-)



#90

Hexachloroethane

Concen: 21.781 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006179.D

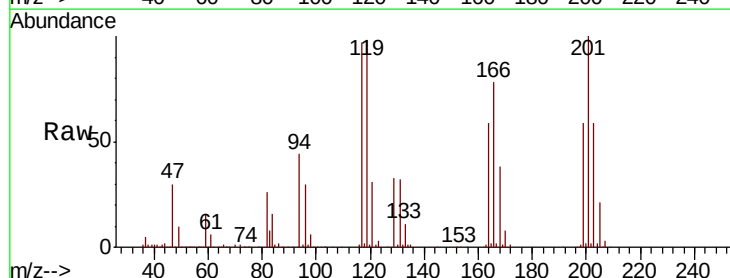
Acq: 26 Nov 2018 16:58

Tgt Ion: 117 Resp: 40743

Ion Ratio Lower Upper

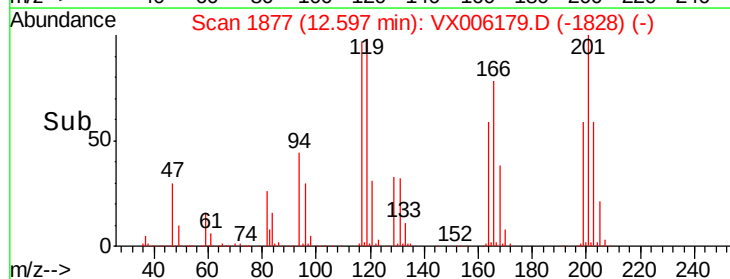
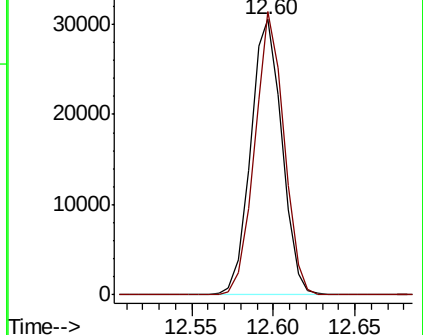
117 100

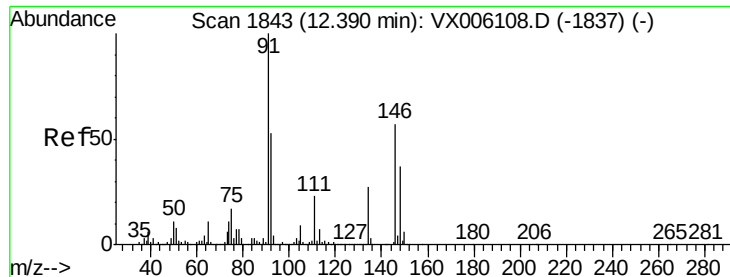
201 96.0 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX006108.D (-1868) (-)

Ion 200.70 (200.40 to 201.40): VX006108.D (-1868) (-)

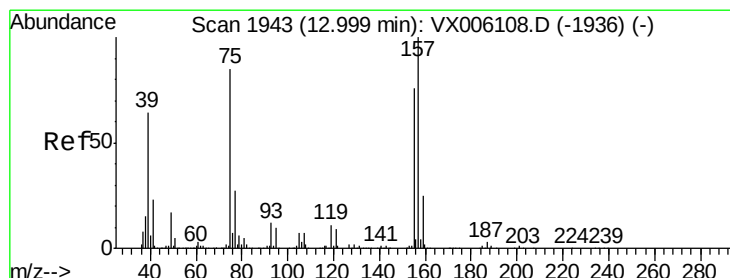
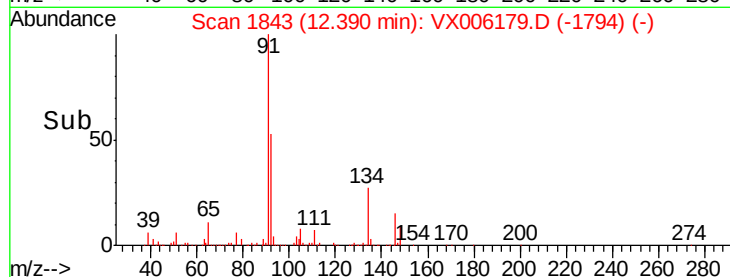
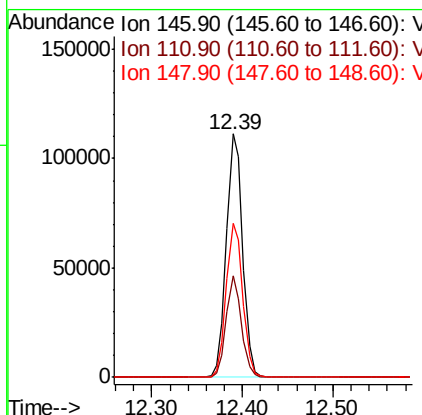
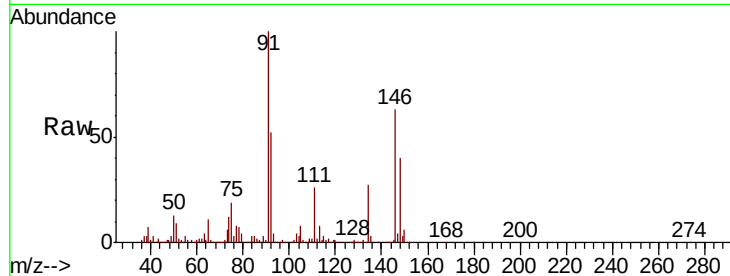




#91
 1,2-Dichlorobenzene
 Concen: 20.129 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

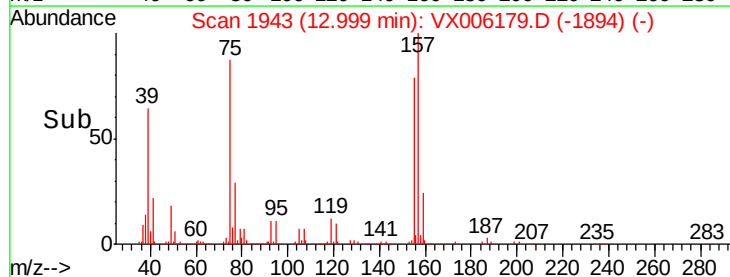
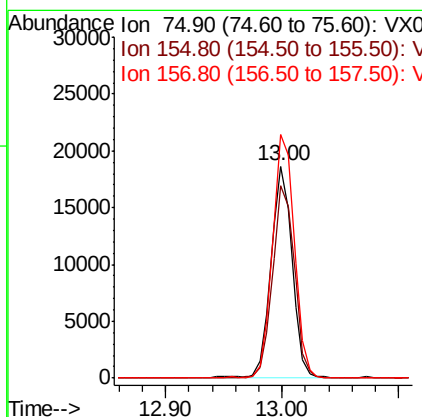
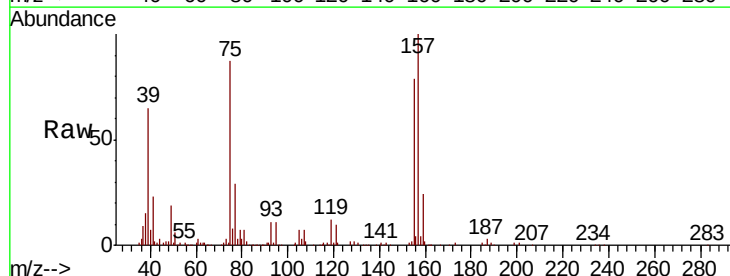
Instrument :
 MSVOA_X
 ClientSampleId :

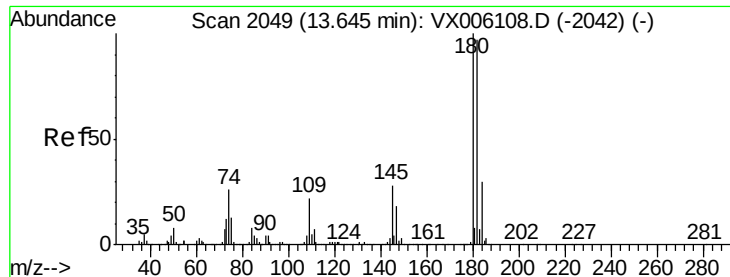
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.8
148	63.8	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.430 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	46.1	138.3
157	118.0	59.8	179.3

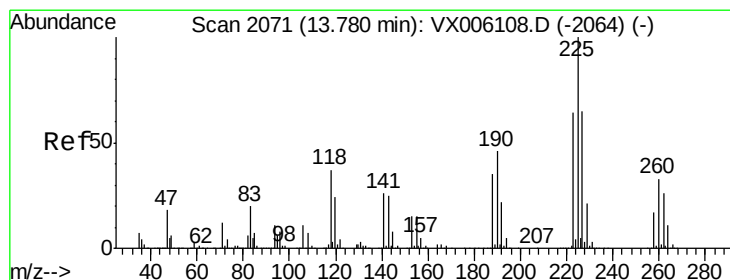
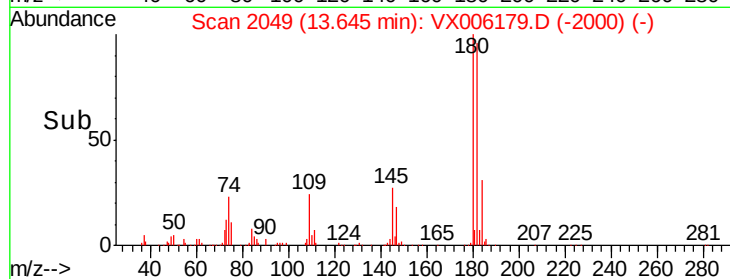
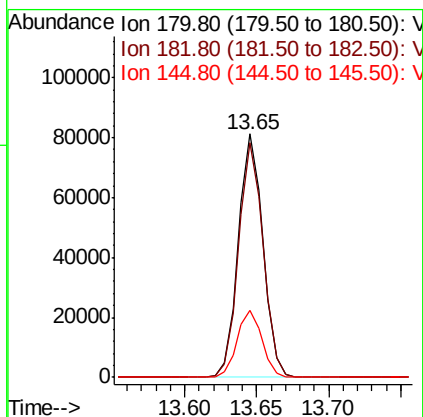
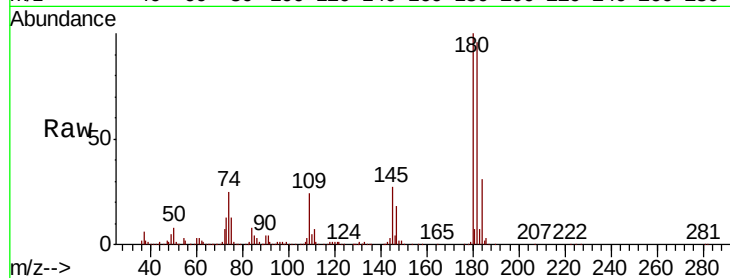




#93
 1,2,4-Trichlorobenzene
 Concen: 19.922 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

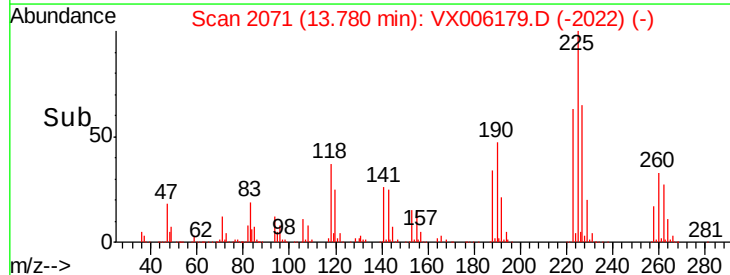
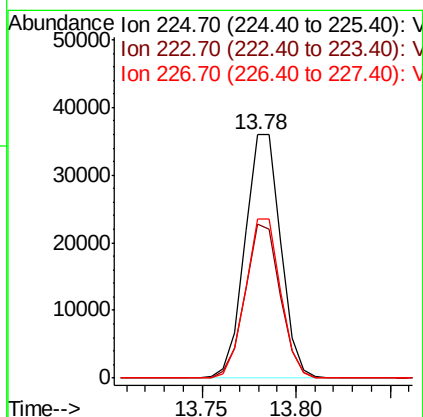
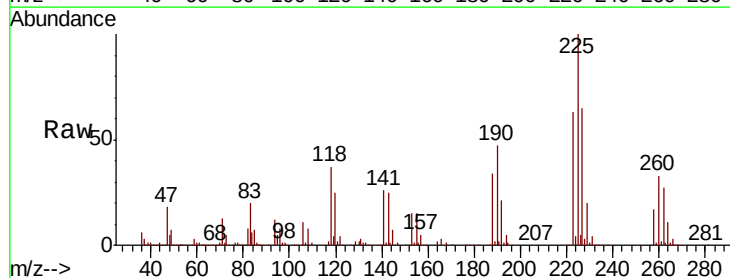
Instrument :
 MSVOA_X
 ClientSampleId :

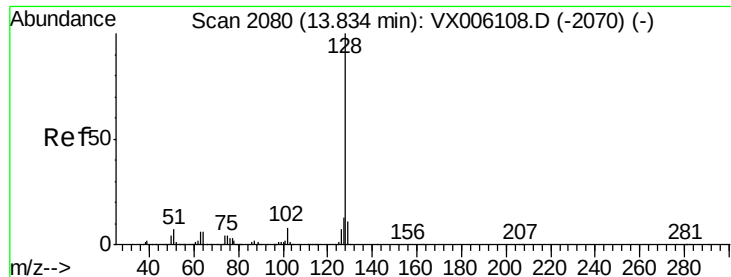
Tot Ion:180 Resp: 96776
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.2 144.6
 145 27.9 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 20.063 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion:225 Resp: 47500
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.2 93.6
 227 64.1 32.4 97.2





#95

Naphthalene

Concen: 21.371 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

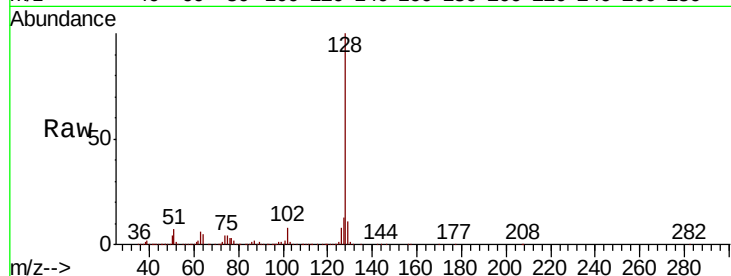
Tot Ion:128 Resp: 305277

Ion Ratio Lower Upper

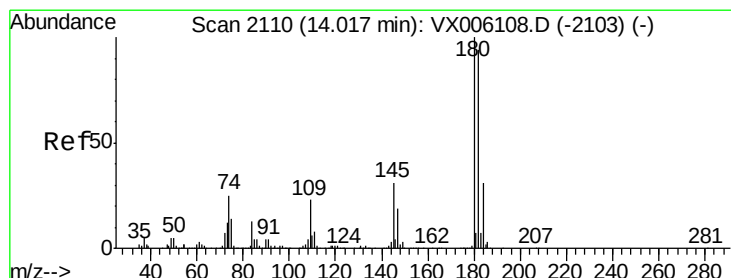
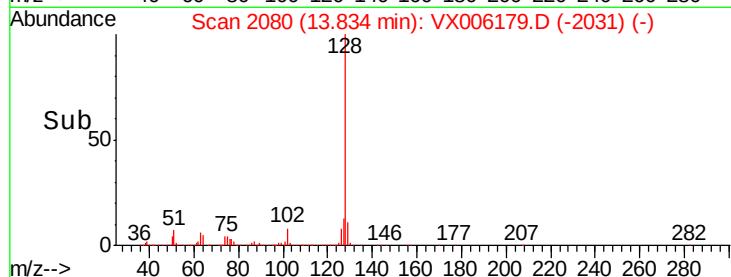
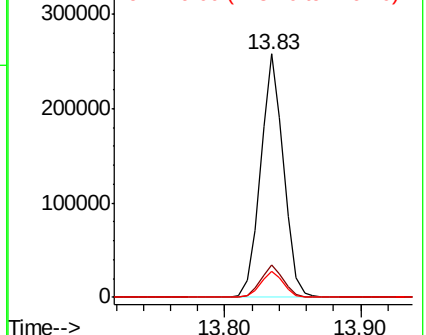
128 100

127 13.2 10.6 15.8

129 10.7 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 20.524 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

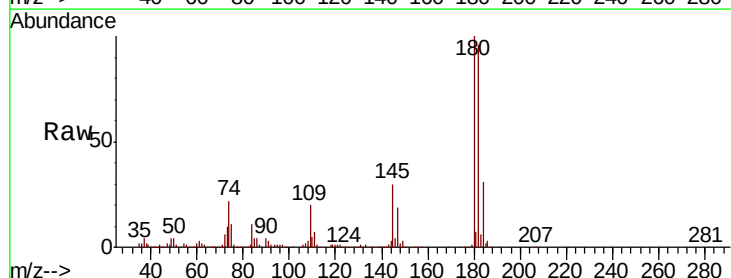
Tgt Ion:180 Resp: 101645

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 30.2 15.0 45.0



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

