

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006188.D
 Acq On : 26 Nov 2018 20:58
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 02:32:29 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	272893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	378716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164164	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	5.50	113	131554	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	8.71	98	500323	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	187379	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101366	49.986	ug/l	100
3) Chloromethane	1.32	50	122090	47.659	ug/l	98
4) Vinyl Chloride	1.41	62	128092	49.158	ug/l	97
5) Bromomethane	1.64	94	91155	45.820	ug/l	99
6) Chloroethane	1.71	64	72442	59.047	ug/l	99
7) Trichlorofluoromethane	1.93	101	173073	50.773	ug/l	99
8) Diethyl Ether	2.19	74	70081	48.636	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99836	49.392	ug/l	99
10) Methyl Iodide	2.51	142	116509	45.975	ug/l	100
11) Tert butyl alcohol	3.07	59	175094	260.295	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94219	47.815	ug/l	96
13) Acrolein	2.29	56	88239	219.216	ug/l	99
14) Allyl chloride	2.73	41	196686	48.788	ug/l	99
15) Acrylonitrile	3.15	53	364911	245.603	ug/l	99
16) Acetone	2.45	43	345665	246.342	ug/l	99
17) Carbon Disulfide	2.57	76	272738	51.261	ug/l	99
18) Methyl Acetate	2.78	43	202519	56.281	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	343398	50.418	ug/l	99
20) Methylene Chloride	2.85	84	109655	51.642	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	101945	49.448	ug/l	92
22) Diisopropyl ether	3.87	45	458701	53.151	ug/l	91
23) Vinyl Acetate	3.82	43	1990684	278.036	ug/l	100
24) 1,1-Dichloroethane	3.70	63	204331	50.256	ug/l	99
25) 2-Butanone	4.70	43	666133	255.761	ug/l	100
26) 2,2-Dichloropropane	4.58	77	160386	47.862	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	142700	49.522	ug/l	100
28) Bromochloromethane	5.02	49	124229	52.425	ug/l	100
29) Tetrahydrofuran	5.15	42	430876	265.198	ug/l	100
30) Chloroform	5.21	83	246465	50.023	ug/l	99
31) Cyclohexane	5.57	56	209410	49.309	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	211155	53.076	ug/l	100
36) 1,1-Dichloropropene	5.80	75	179711	49.700	ug/l	99
37) Ethyl Acetate	4.85	43	240462	51.689	ug/l	99
38) Carbon Tetrachloride	5.78	117	186819	54.968	ug/l	98

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 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)
39) Methylcyclohexane	7.46	83	212250	51.524	ug/l	98
40) Benzene	6.14	78	542553	50.929	ug/l	100
41) Methacrylonitrile	5.06	41	133385	52.028	ug/l	98
42) 1,2-Dichloroethane	6.20	62	201796	50.667	ug/l	99
43) Isopropyl Acetate	6.46	43	358473	53.357	ug/l	99
44) Trichloroethene	7.21	130	145718	49.215	ug/l	98
45) 1,2-Dichloropropane	7.51	63	145856	51.734	ug/l	99
46) Dibromomethane	7.66	93	97188	50.336	ug/l	99
47) Bromodichloromethane	7.90	83	189493	53.065	ug/l	98
48) Methyl methacrylate	7.77	41	192580	56.520	ug/l	99
49) 1,4-Dioxane	7.75	88	85080	1052.480	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1315909	273.214	ug/l	100
52) Toluene	8.79	92	346628	52.605	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	201530	54.081	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	217759	52.861	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	145559	51.007	ug/l	98
56) Ethyl methacrylate	9.18	69	224060	50.396	ug/l	99
57) 1,3-Dichloropropane	9.37	76	242089	51.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	631135	254.356	ug/l	99
59) 2-Hexanone	9.49	43	1047345	274.005	ug/l	99
60) Dibromochloromethane	9.59	129	156381	55.894	ug/l	98
61) 1,2-Dibromoethane	9.67	107	153343	52.158	ug/l	100
64) Tetrachloroethene	9.34	164	149765	48.054	ug/l	97
65) Chlorobenzene	10.14	112	397391	51.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	144170	54.058	ug/l	99
67) Ethyl Benzene	10.25	91	677497	53.265	ug/l	100
68) m/p-Xylenes	10.36	106	531549	107.321	ug/l	99
69) o-Xylene	10.70	106	251993	53.264	ug/l	99
70) Styrene	10.71	104	422194	54.731	ug/l	99
71) Bromoform	10.86	173	129165	54.106	ug/l	99
73) Isopropylbenzene	11.02	105	693606	53.371	ug/l	99
74) N-amyl acetate	10.90	43	335896	50.675	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	245084	50.042	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	289618	65.494	ug/l	87
77) Bromobenzene	11.26	156	182780	50.206	ug/l	100
78) n-propylbenzene	11.36	91	806101	53.262	ug/l	100
79) 2-Chlorotoluene	11.42	91	477707	52.173	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	588101	53.673	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	71444	54.645	ug/l	95
82) 4-Chlorotoluene	11.51	91	564123	52.794	ug/l	100
83) tert-Butylbenzene	11.77	119	578204	54.054	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	605643	54.188	ug/l	100
85) sec-Butylbenzene	11.94	105	705920	53.953	ug/l	100
86) p-Isopropyltoluene	12.07	119	632759	54.242	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	337492	50.278	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	347073	49.876	ug/l	99
89) n-Butylbenzene	12.39	91	557948	52.827	ug/l	99
90) Hexachloroethane	12.60	117	102374	54.994	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	335938	48.951	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60507	53.242	ug/l	97

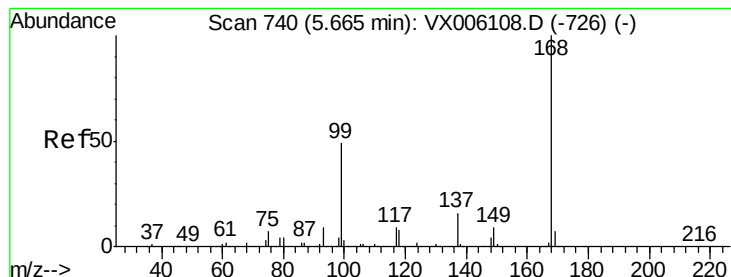
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248696	51.442	ug/l	99
94) Hexachlorobutadiene	13.79	225	115896	49.188	ug/l	99
95) Naphthalene	13.83	128	784351	55.174	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	254596	51.656	ug/l	100

(#) = 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: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

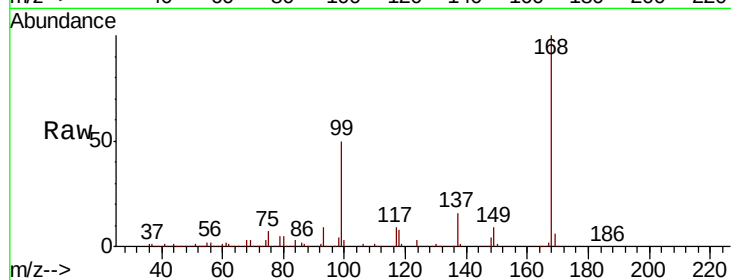
ClientSampled :

Tot Ion:168 Resp: 272893

Ion Ratio Lower Upper

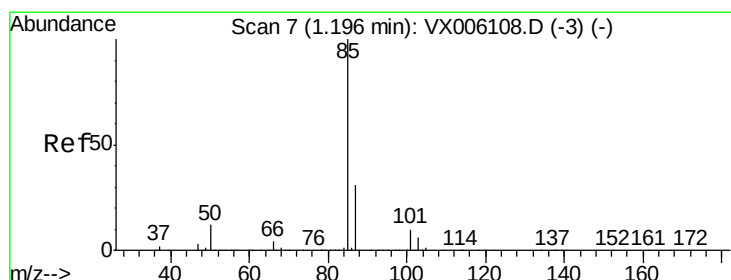
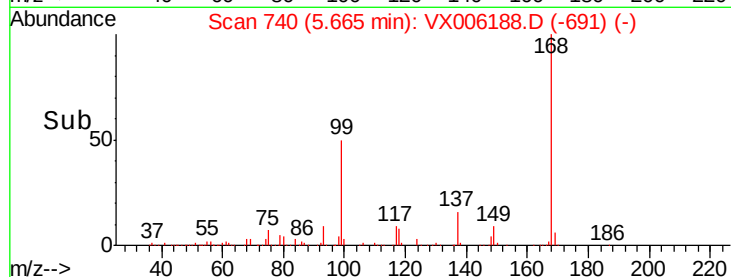
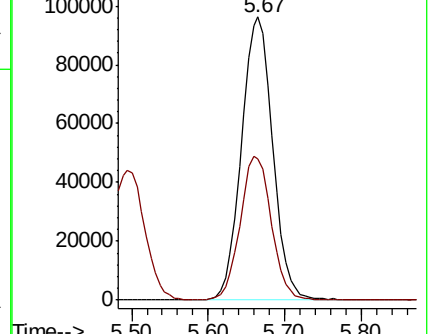
168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.986 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006188.D

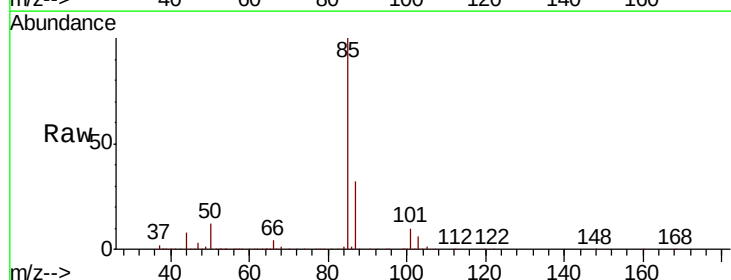
Acq: 26 Nov 2018 20:58

Tgt Ion: 85 Resp: 101366

Ion Ratio Lower Upper

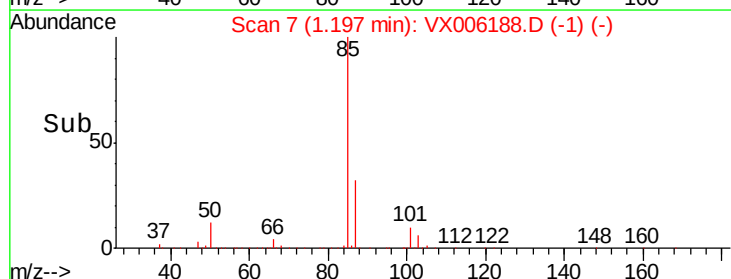
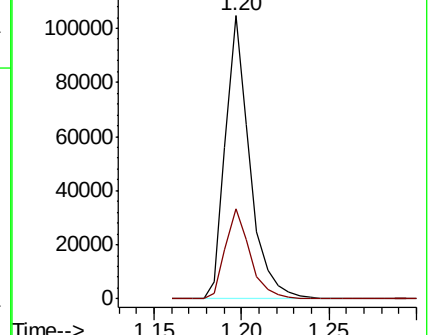
85 100

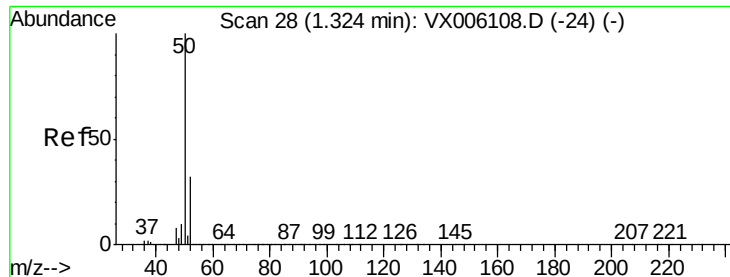
87 31.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.659 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

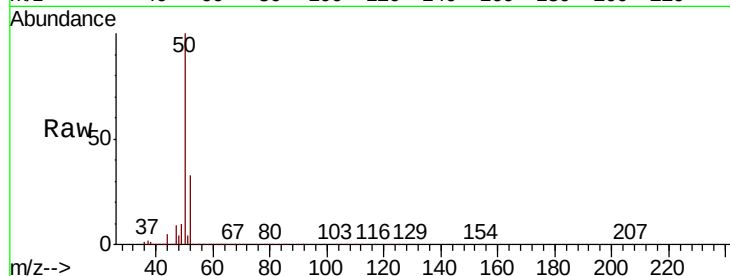
ClientSampleId :

Tot Ion: 50 Resp: 122090

Ion Ratio Lower Upper

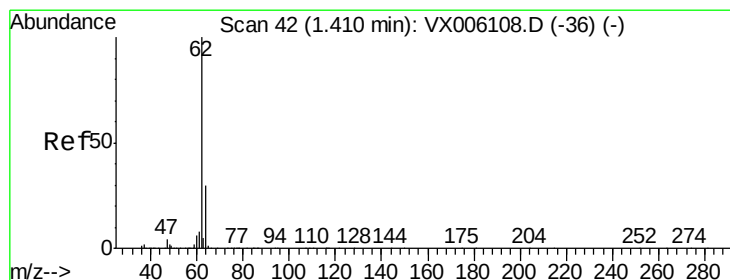
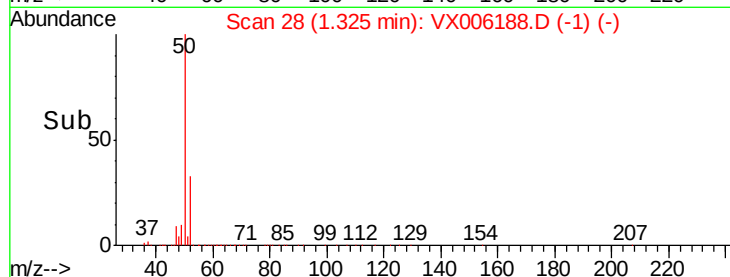
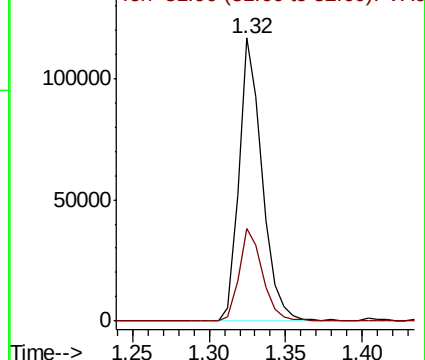
50 100

52 32.9 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: 49.158 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006188.D

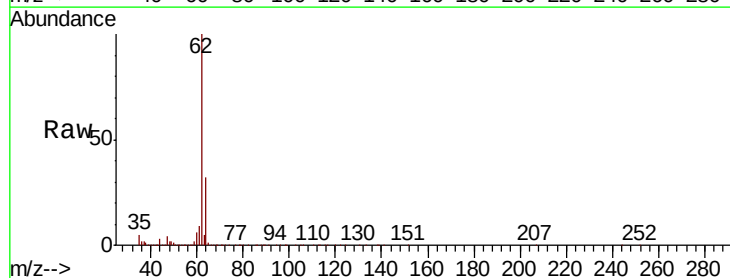
Acq: 26 Nov 2018 20:58

Tgt Ion: 62 Resp: 128092

Ion Ratio Lower Upper

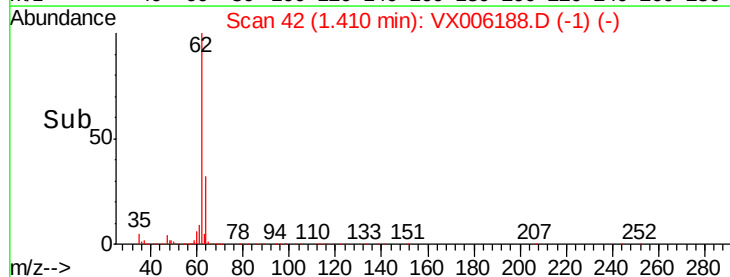
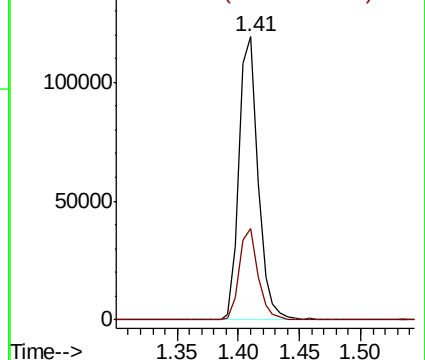
62 100

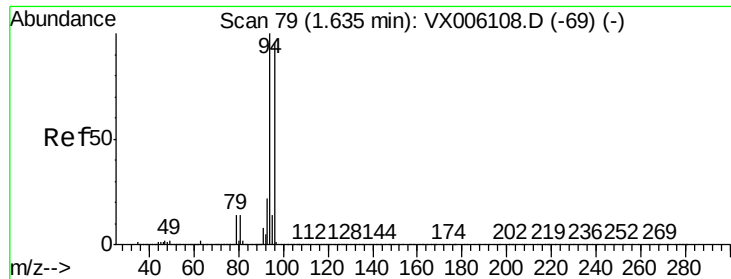
64 32.0 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.820 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

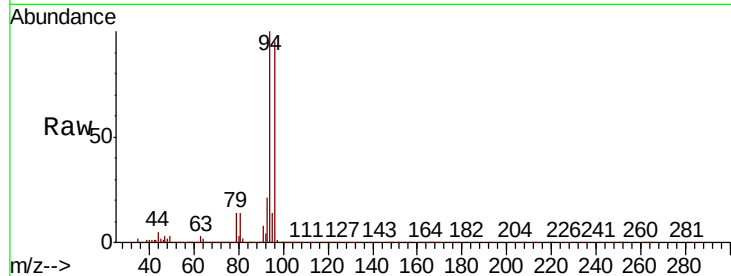
ClientSampled :

Tot Ion: 94 Resp: 91155

Ion Ratio Lower Upper

94 100

96 95.1 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

60000

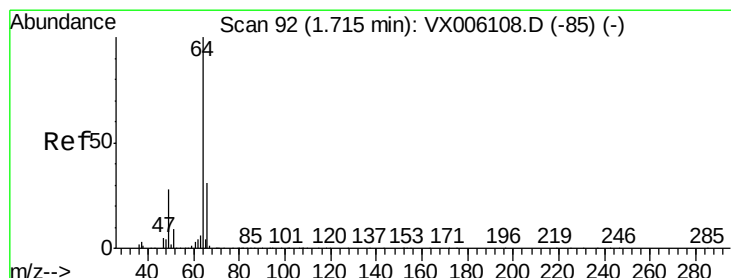
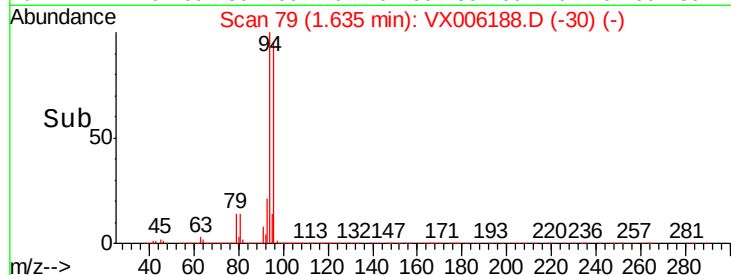
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 59.047 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006188.D

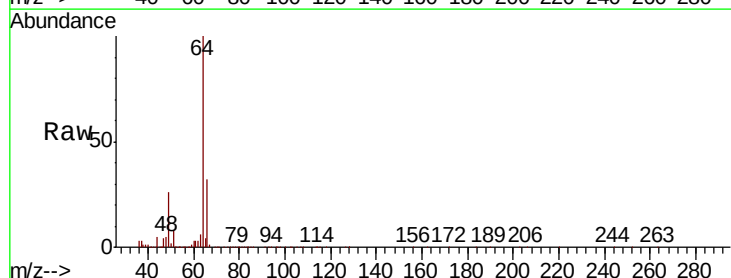
Acq: 26 Nov 2018 20:58

Tgt Ion: 64 Resp: 72442

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

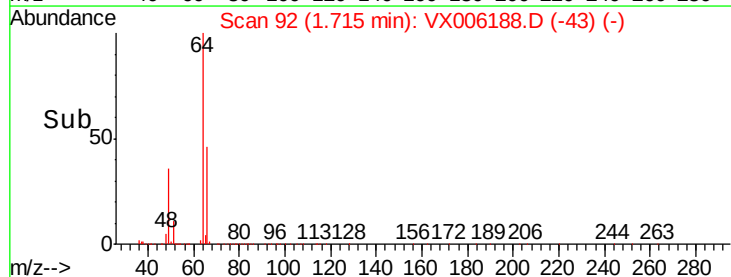
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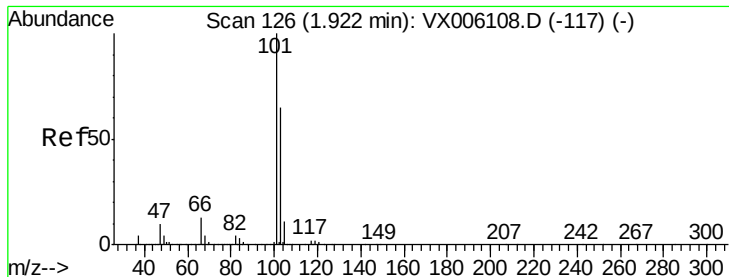
10000

0

Time-->

1.65 1.70 1.75 1.80 1.85



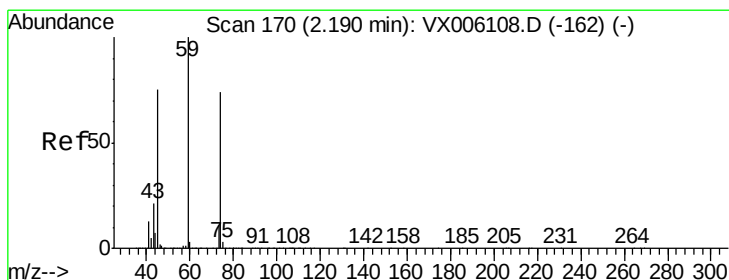
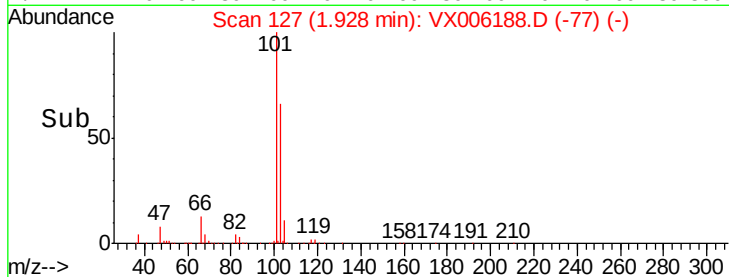
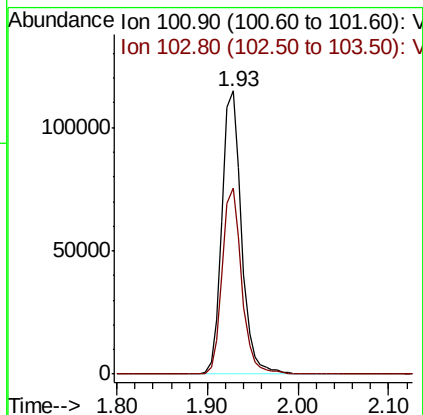
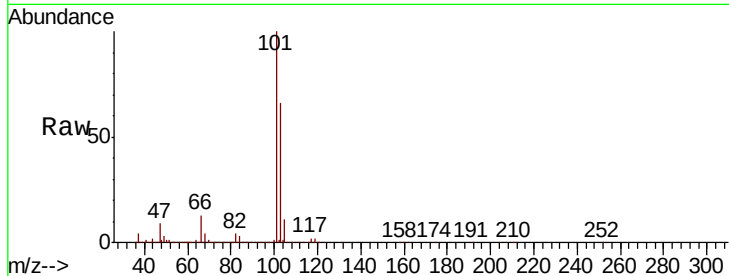


#7

Trichlorofluoromethane
Concen: 50.773 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :

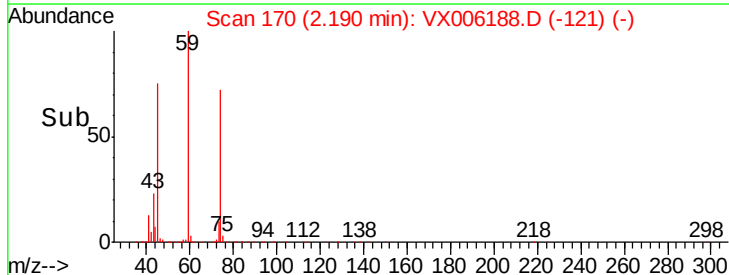
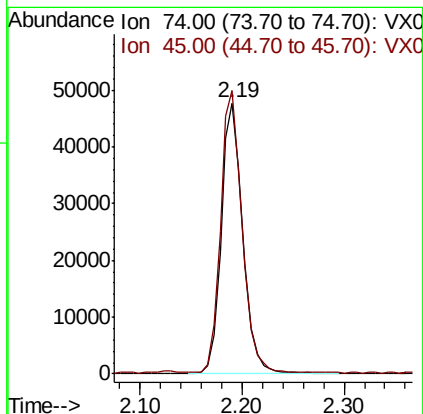
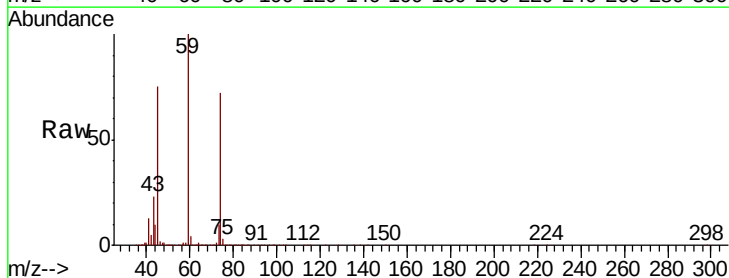
Tot Ion:101 Resp: 173073
Ion Ratio Lower Upper
101 100
103 65.8 52.1 78.1

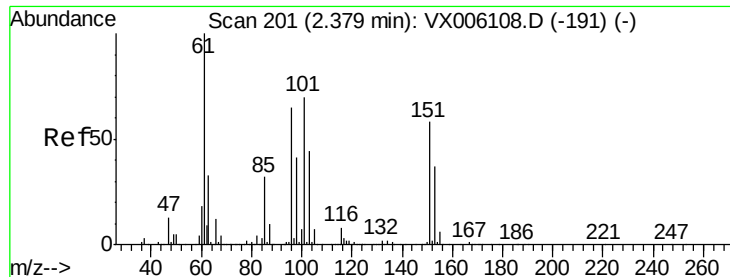


#8

Diethyl Ether
Concen: 48.636 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion: 74 Resp: 70081
Ion Ratio Lower Upper
74 100
45 103.7 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.392 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

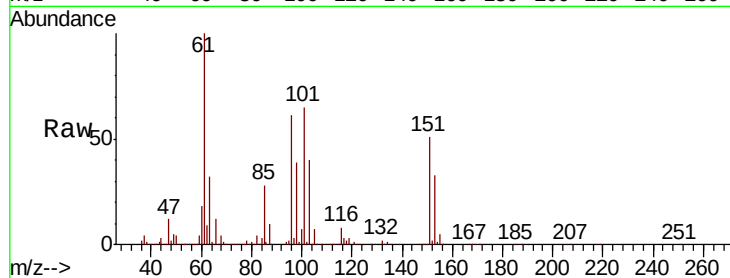
Tot Ion:101 Resp: 99836

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

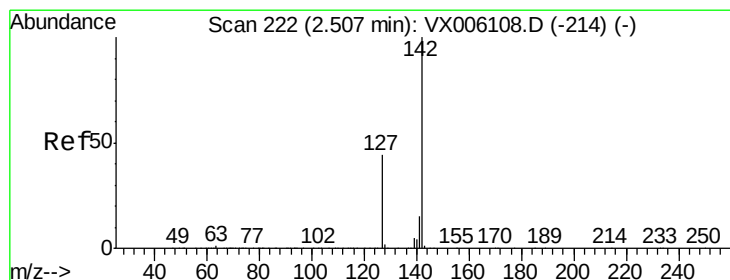
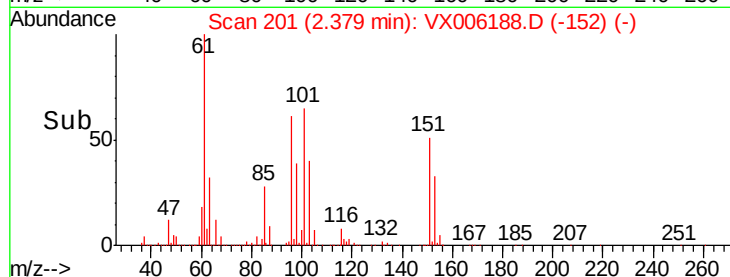
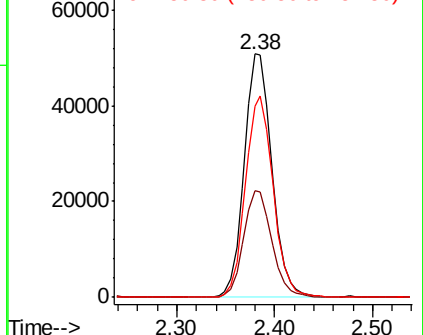
151 82.8 65.8 98.6



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: 45.975 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

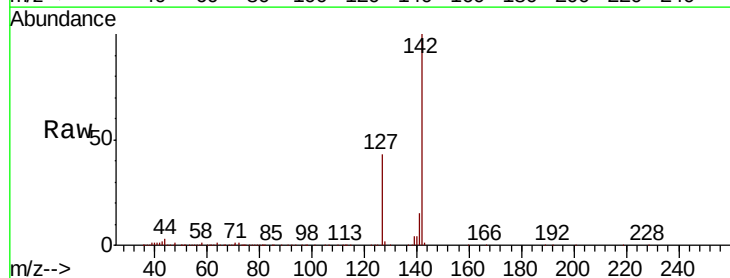
Tgt Ion:142 Resp: 116509

Ion Ratio Lower Upper

142 100

127 45.2 36.0 54.0

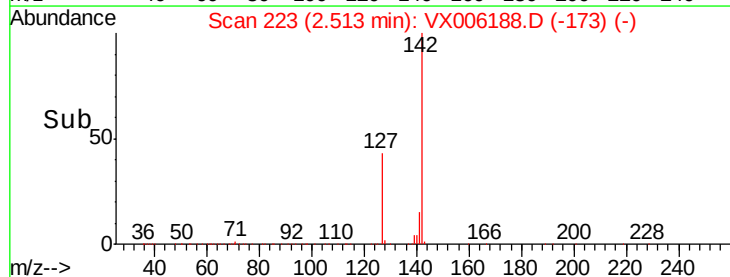
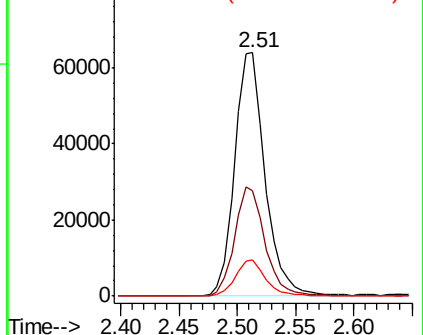
141 14.8 11.7 17.5

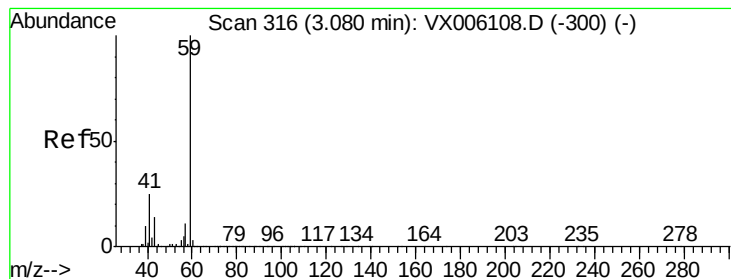


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



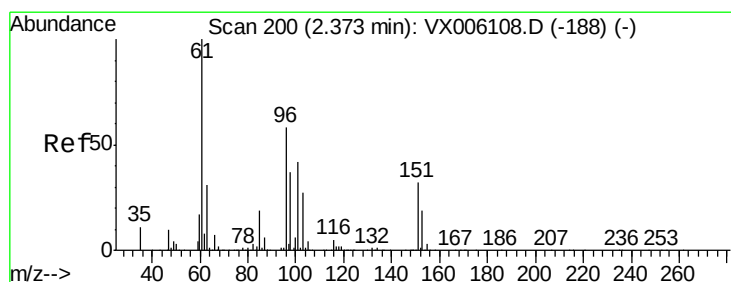
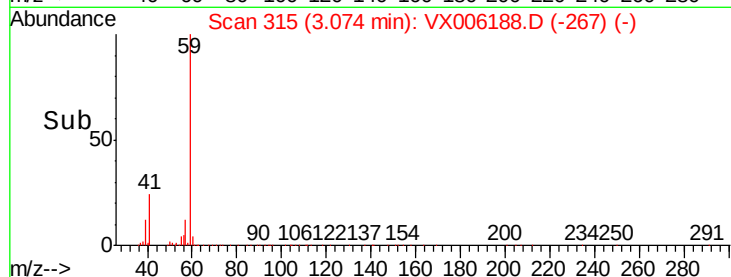
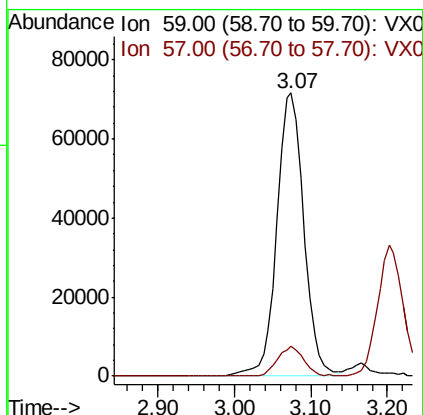
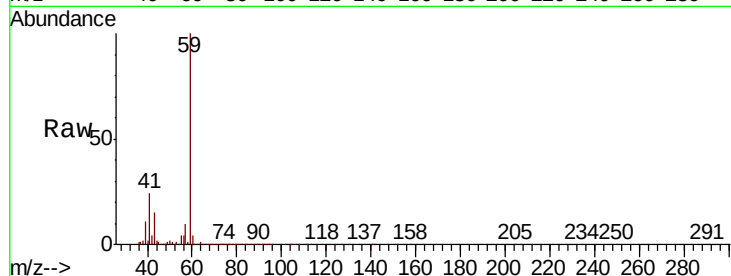


#11

Tert butyl alcohol
Concen: 260.295 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :

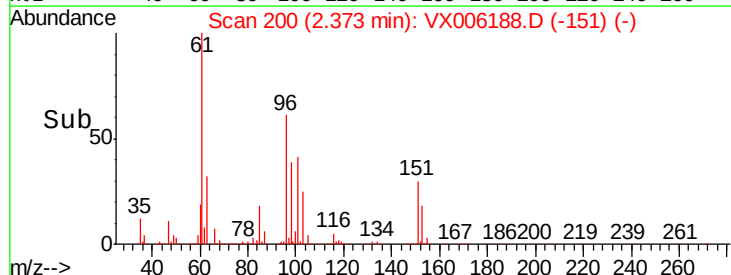
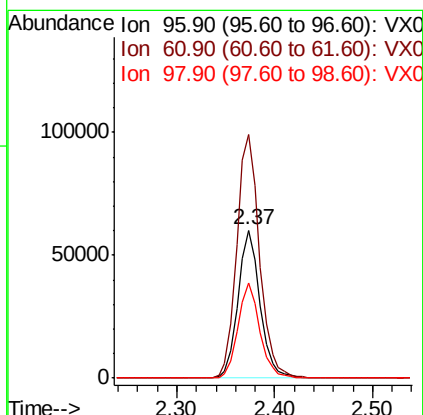
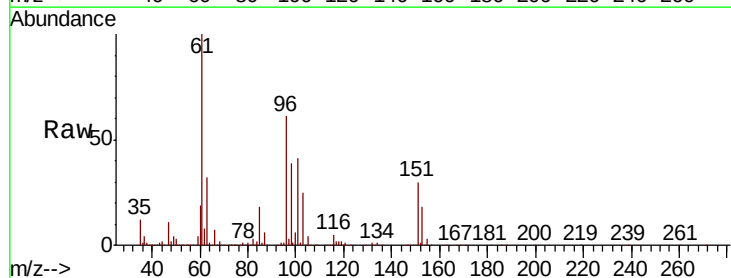
Tot Ion: 59 Resp: 175094
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

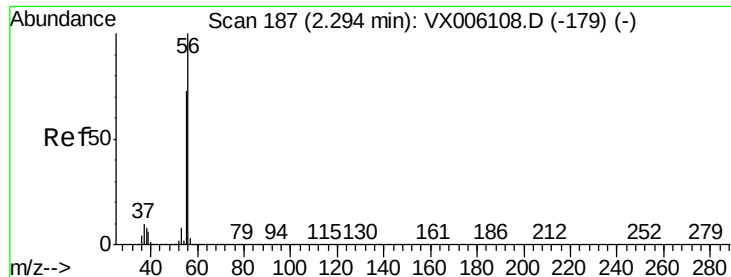


#12

1,1-Dichloroethene
Concen: 47.815 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion: 96 Resp: 94219
Ion Ratio Lower Upper
96 100
61 164.6 138.2 207.4
98 64.1 51.3 76.9

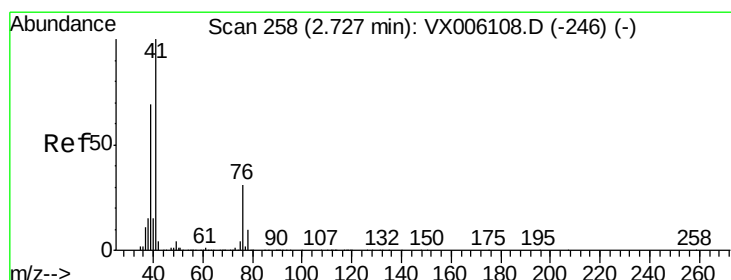
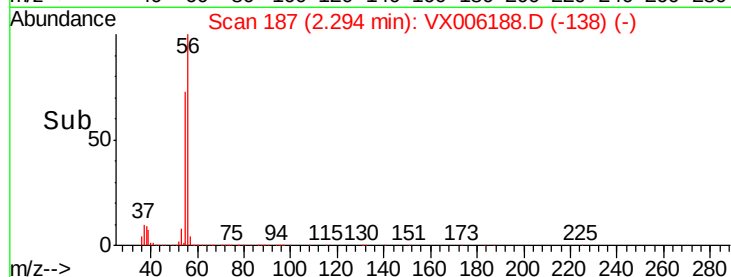
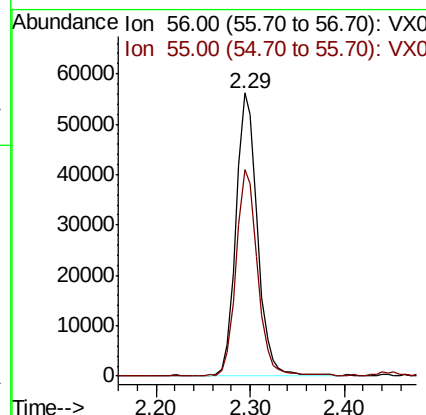
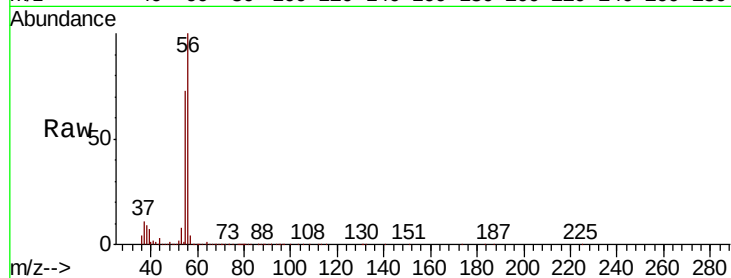




#13
Acrolein
Concen: 219.216 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

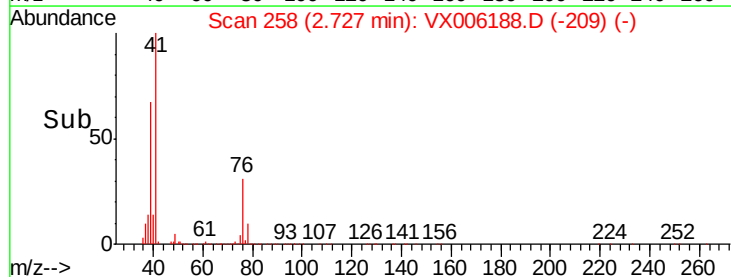
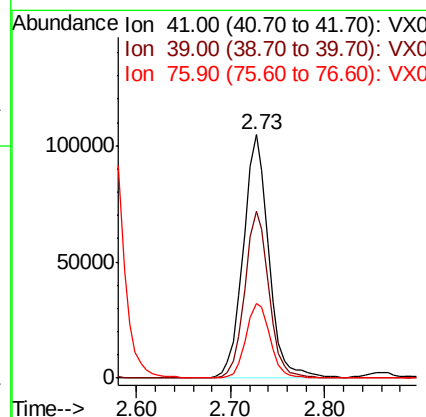
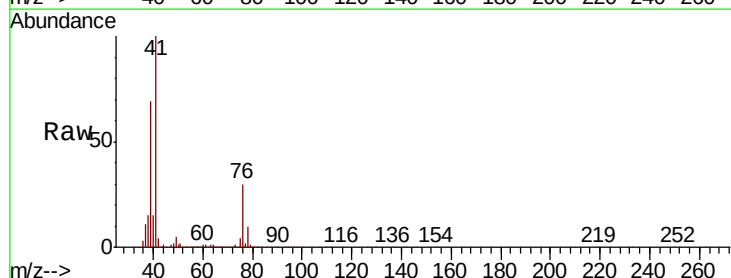
Instrument :
MSVOA_X
ClientSampleId :

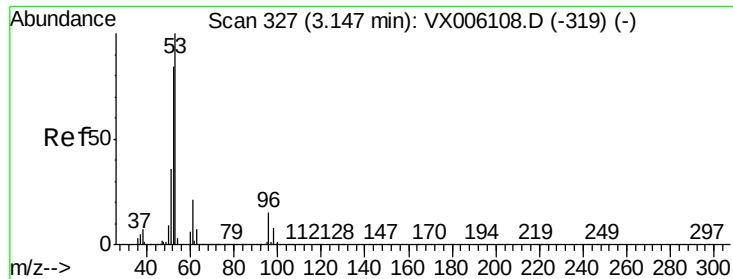
Tot Ion: 56 Resp: 88239
Ion Ratio Lower Upper
56 100
55 72.8 57.8 86.6



#14
Allyl chloride
Concen: 48.788 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion: 41 Resp: 196686
Ion Ratio Lower Upper
41 100
39 65.1 52.5 78.7
76 29.6 23.4 35.2

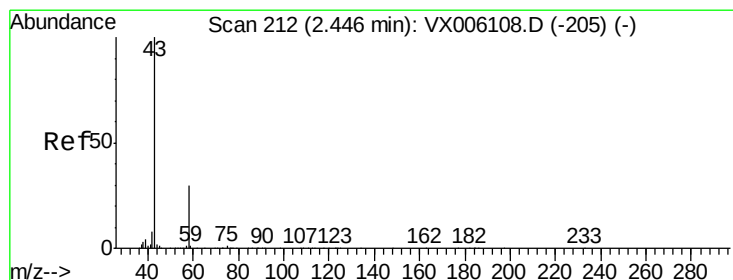
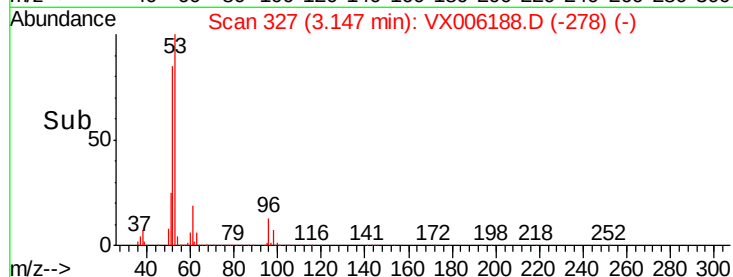
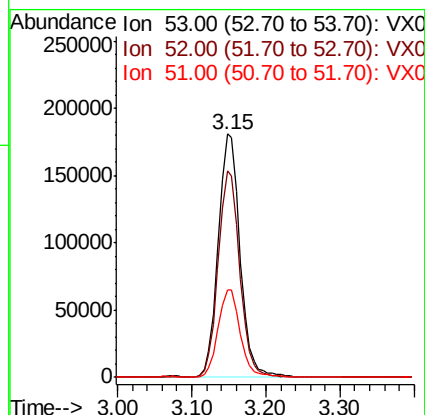
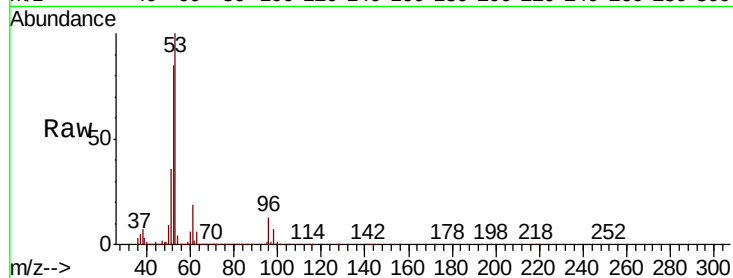




#15
 Acrylonitrile
 Concen: 245.603 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

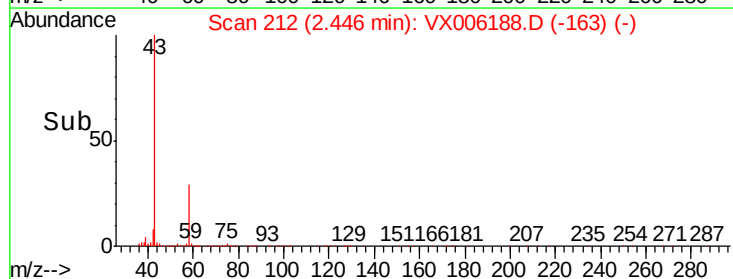
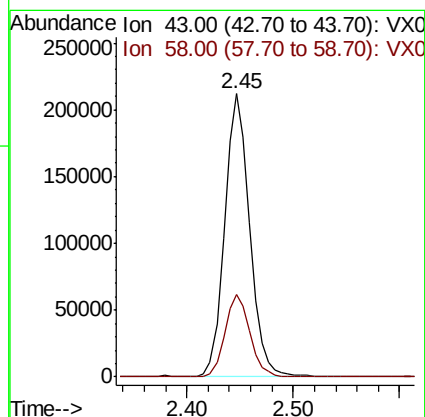
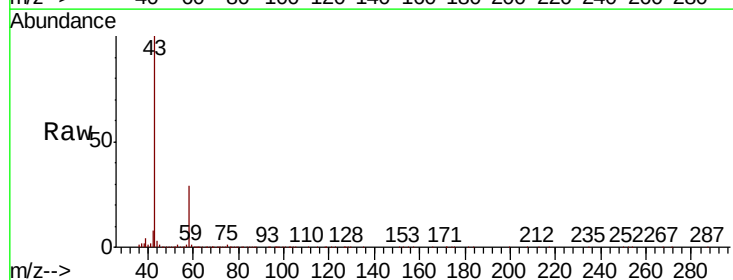
Instrument :
 MSVOA_X
 ClientSampleID :

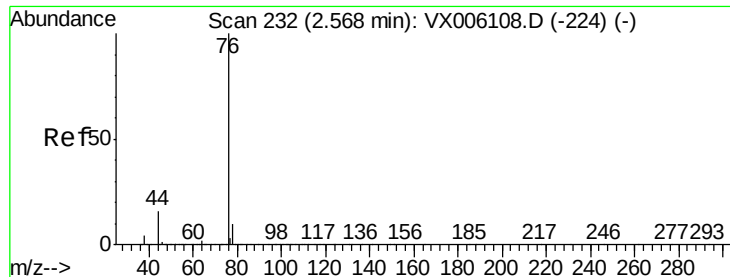
Tot Ion	53	Resp	364911
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.4	99.6
51	36.7	29.4	44.0



#16
 Acetone
 Concen: 246.342 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Tgt Ion	43	Resp	345665
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.8	35.8





#17

Carbon Disulfide

Concen: 51.261 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

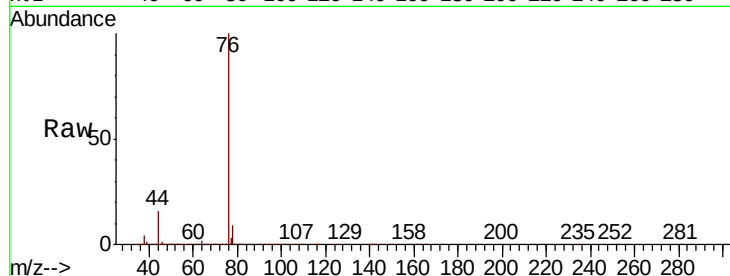
ClientSampleId :

Tot Ion: 76 Resp: 272738

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

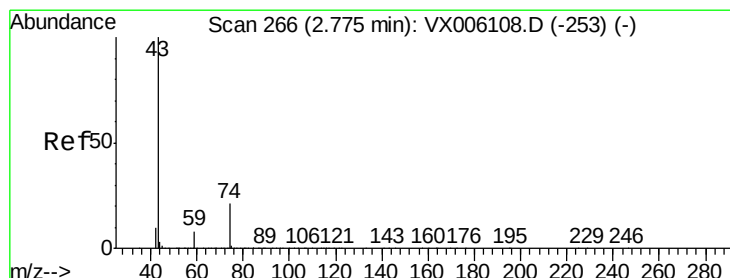
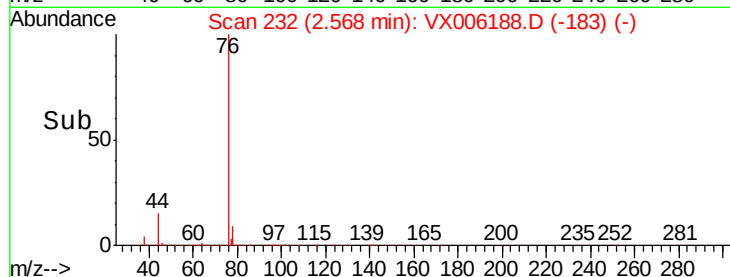
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 56.281 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006188.D

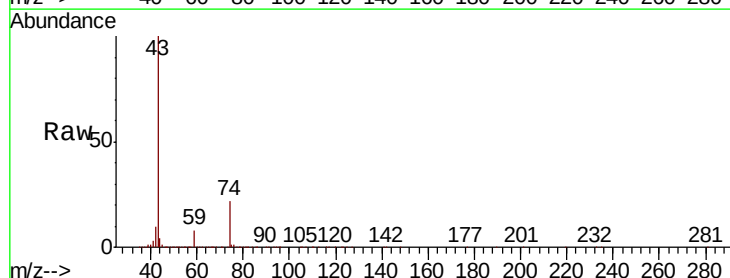
Acq: 26 Nov 2018 20:58

Tgt Ion: 43 Resp: 202519

Ion Ratio Lower Upper

43 100

74 21.7 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

60000

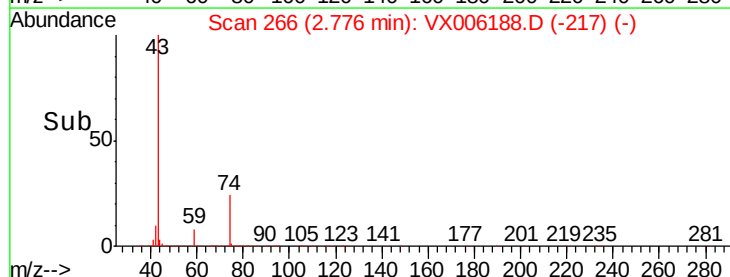
40000

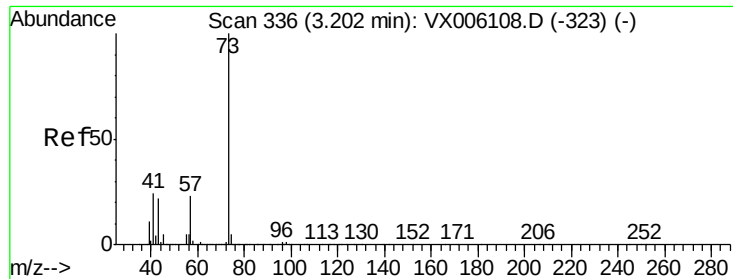
20000

0

Time-->

2.70 2.80 2.90



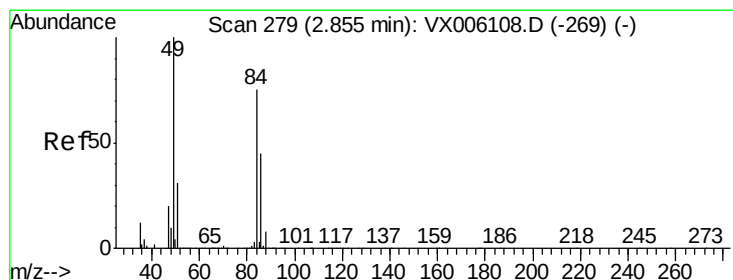
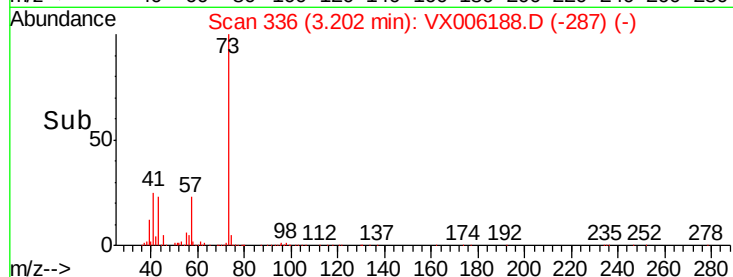
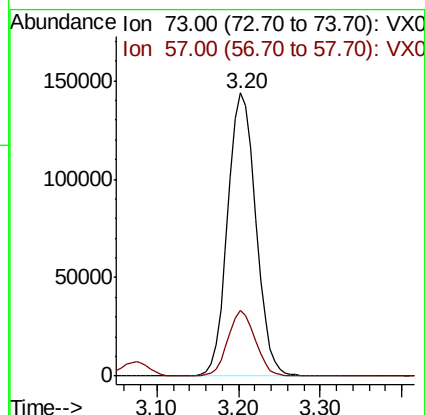
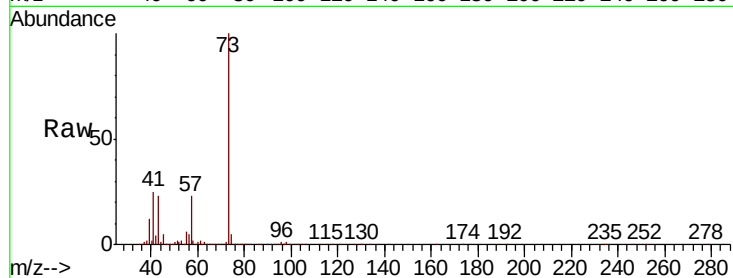


#19

Methyl tert-butyl Ether
 Concen: 50.418 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Instrument :
 MSVOA_X
 ClientSampleId :

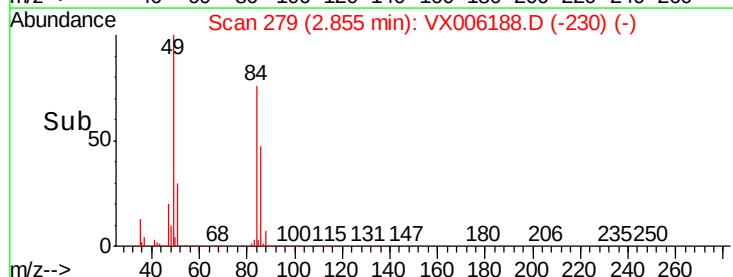
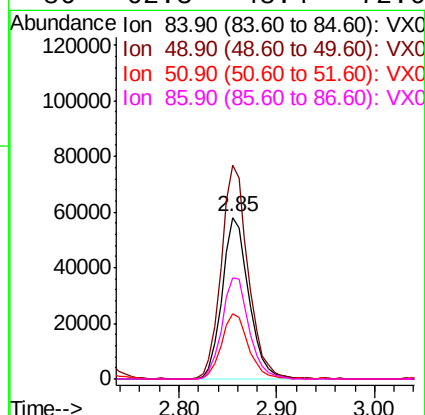
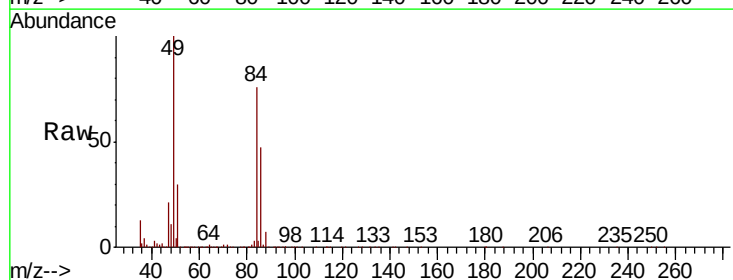
Tot Ion: 73 Resp: 343398
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.2 27.4

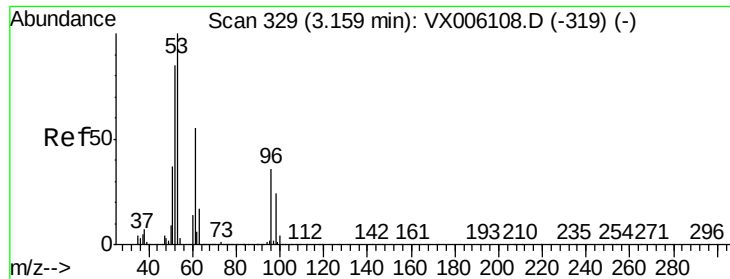


#20

Methylene Chloride
 Concen: 51.642 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Tgt Ion: 84 Resp: 109655
 Ion Ratio Lower Upper
 84 100
 49 131.8 106.6 159.8
 51 40.0 32.6 49.0
 86 62.3 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 49.448 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

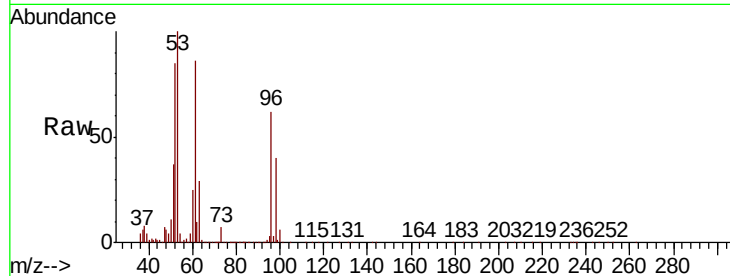
Tot Ion: 96 Resp: 101945

Ion Ratio Lower Upper

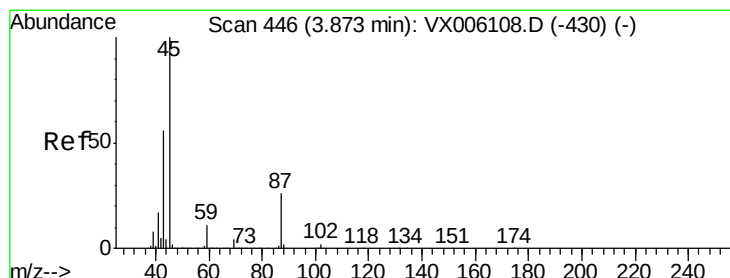
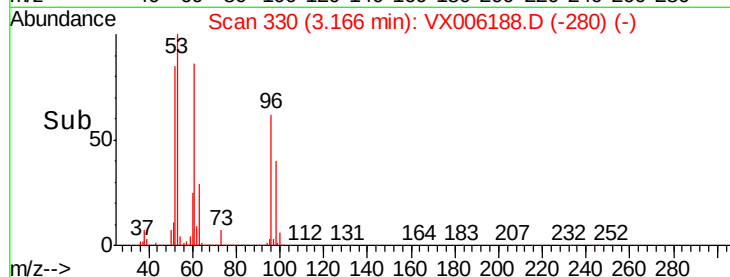
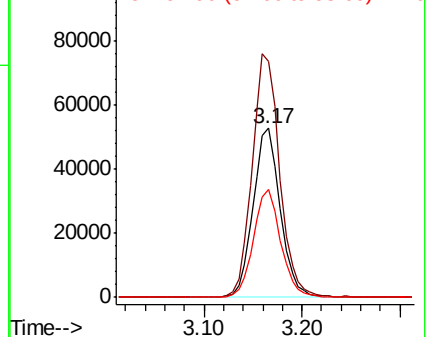
96 100

61 139.4 122.0 183.0

98 64.2 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: 53.151 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Tgt Ion: 45 Resp: 458701

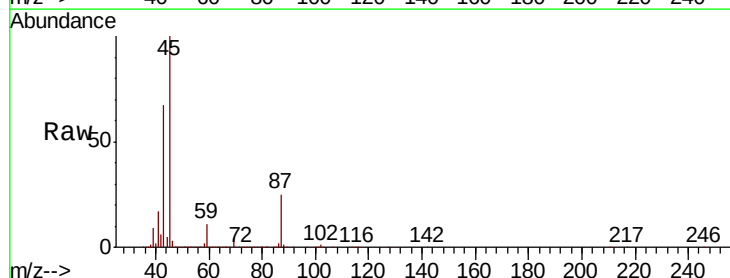
Ion Ratio Lower Upper

45 100

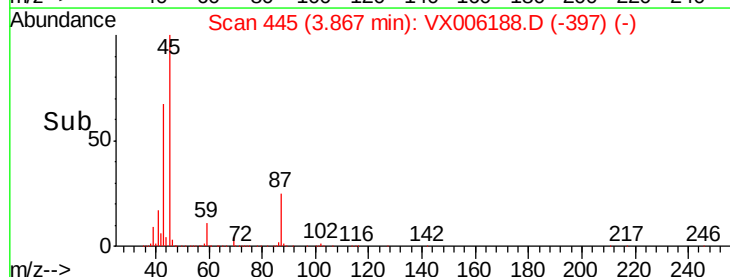
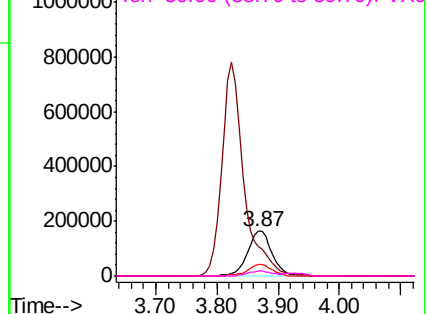
43 67.1 45.8 68.8

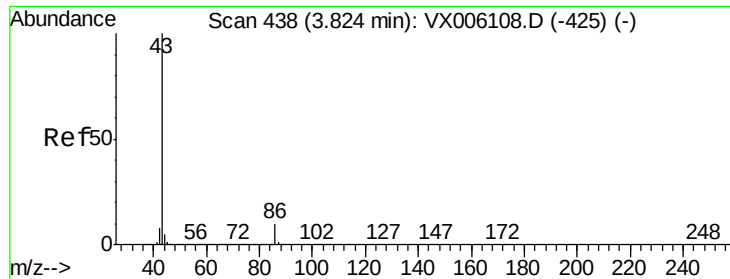
87 25.4 21.0 31.4

59 10.9 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: 278.036 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

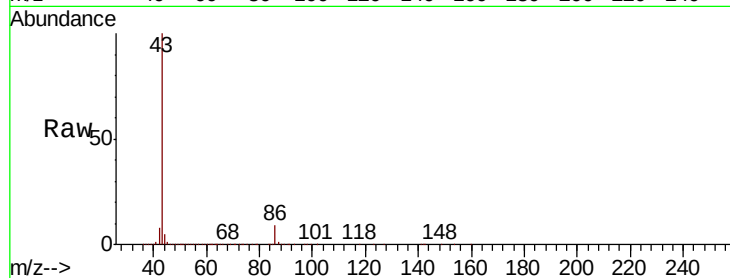
ClientSampled :

Tot Ion: 43 Resp: 1990684

Ion Ratio Lower Upper

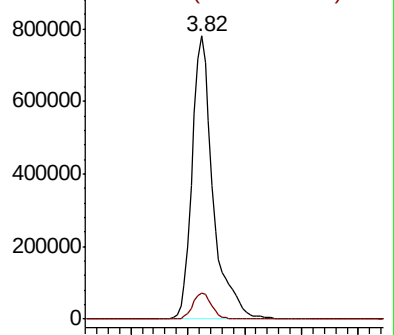
43 100

86 9.4 7.6 11.4

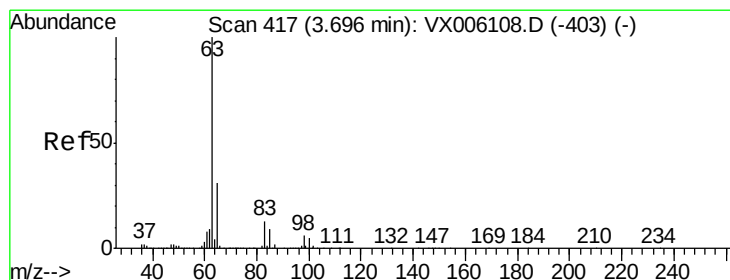
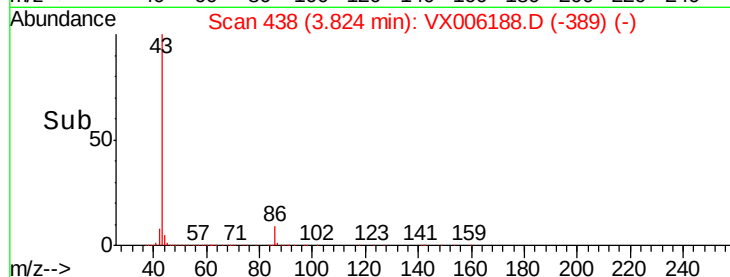


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 50.256 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

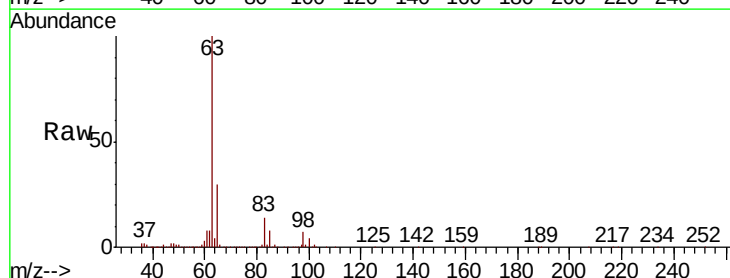
Tgt Ion: 63 Resp: 204331

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

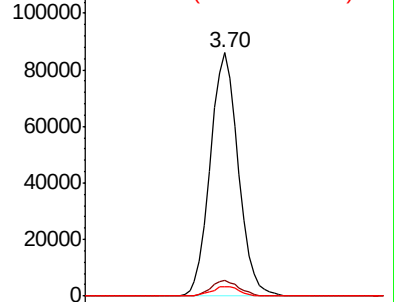
100 4.1 2.4 7.1



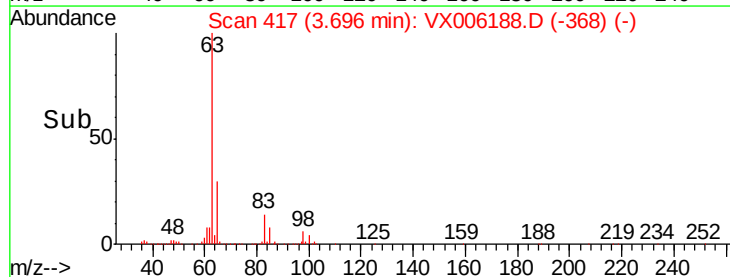
Abundance Ion 62.90 (62.60 to 63.60): VX0

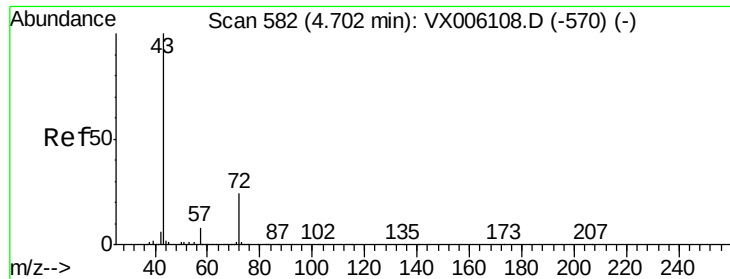
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 255.761 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

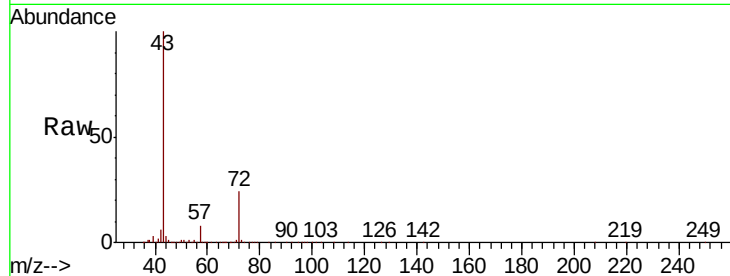
ClientSampleId :

Tot Ion: 43 Resp: 666133

Ion Ratio Lower Upper

43 100

72 23.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX006108.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX006108.D (-570) (-)

4.70

250000

200000

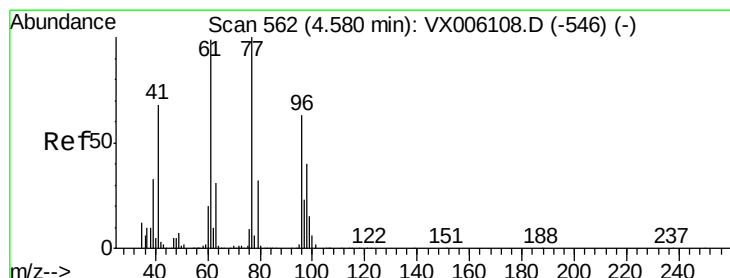
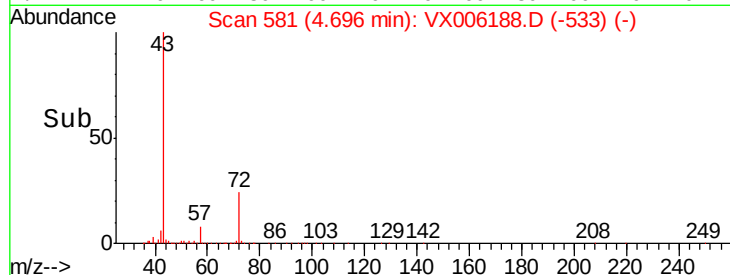
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.862 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006188.D

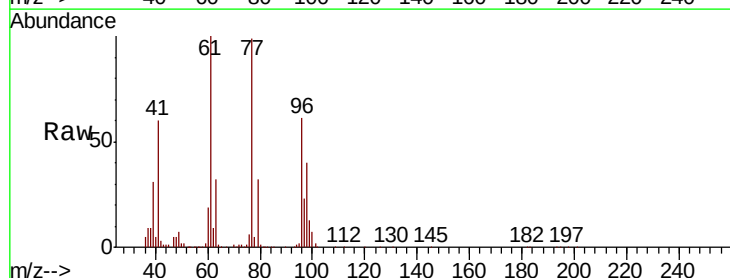
Acq: 26 Nov 2018 20:58

Tgt Ion: 77 Resp: 160386

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX006108.D (-546) (-)

Ion 96.90 (96.60 to 97.60): VX006108.D (-546) (-)

4.58

60000

50000

40000

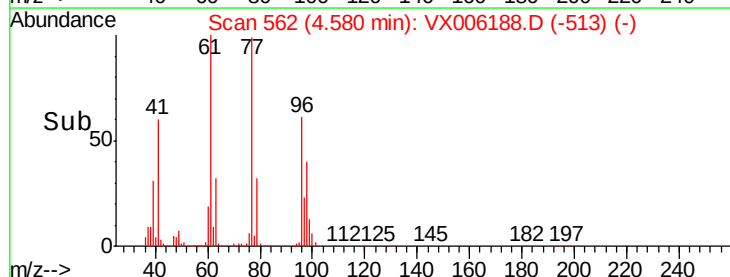
30000

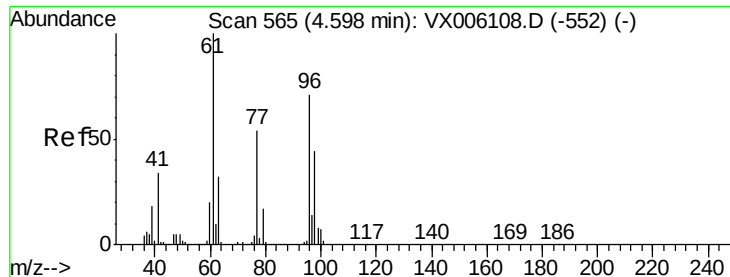
20000

10000

0

Time-->



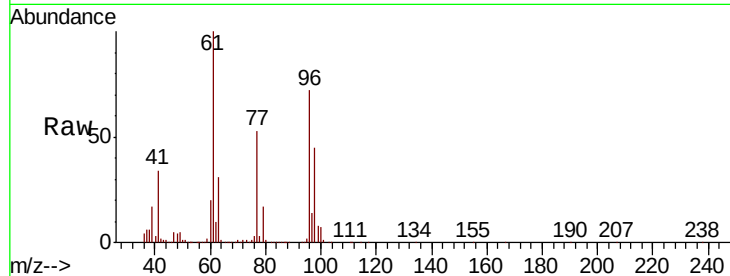


#27

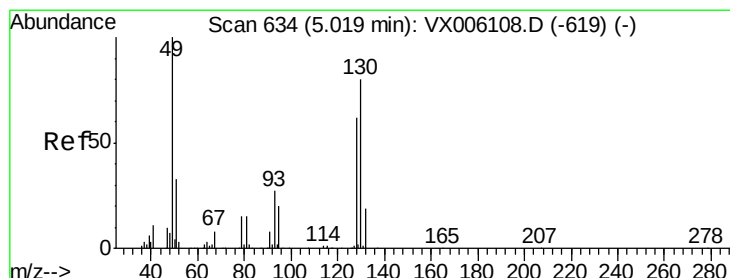
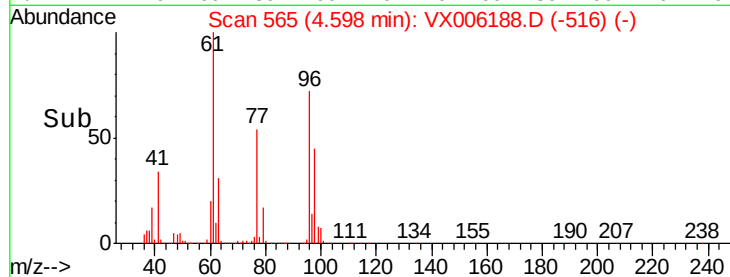
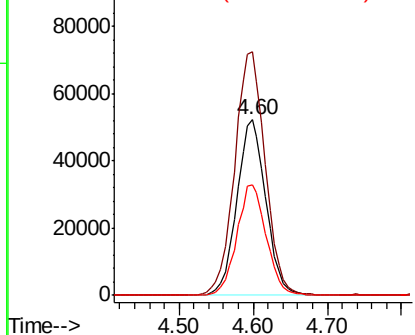
cis-1,2-Dichloroethene
Concen: 49.522 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	142700
Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	291.6
98	64.1	0.0	128.2



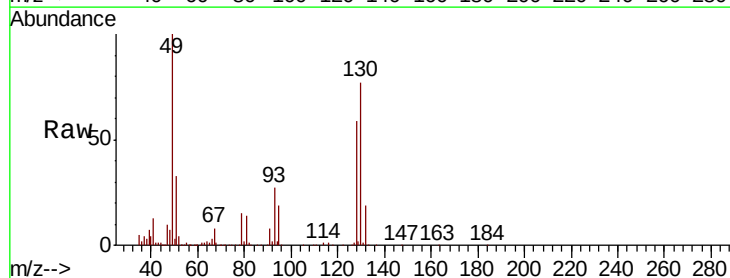
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



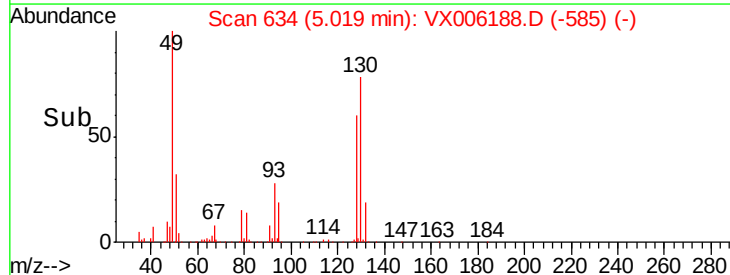
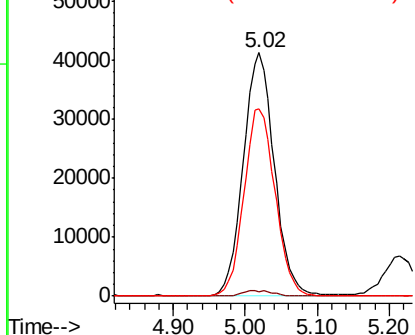
#28

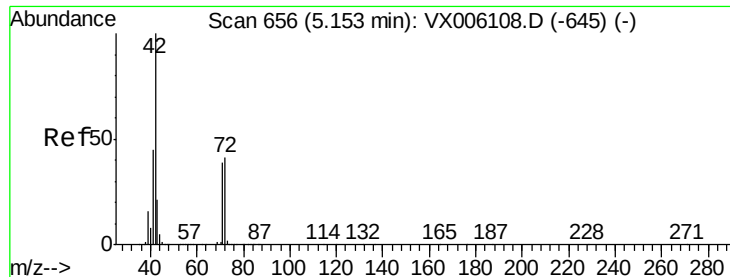
Bromochloromethane
Concen: 52.425 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion	49	Resp	124229
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	76.8	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: 265.198 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

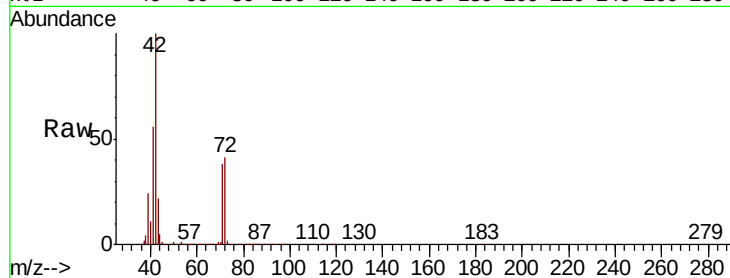
Tot Ion: 42 Resp: 430876

Ion Ratio Lower Upper

42 100

72 41.3 33.0 49.6

71 38.8 31.0 46.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

200000

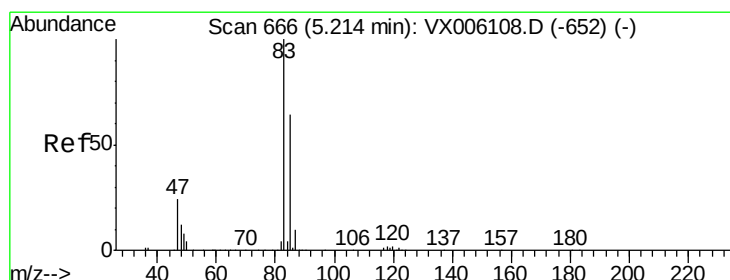
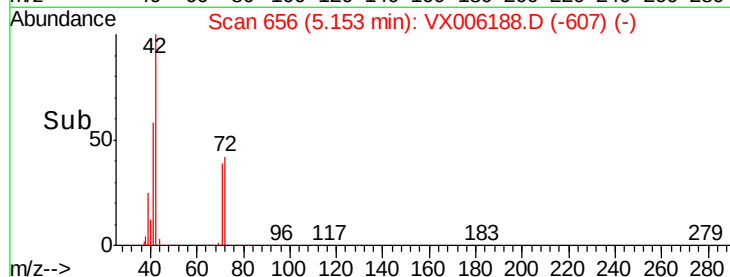
150000

100000

50000

0

Time--> 5.00 5.10 5.20 5.30



#30

Chloroform

Concen: 50.023 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006188.D

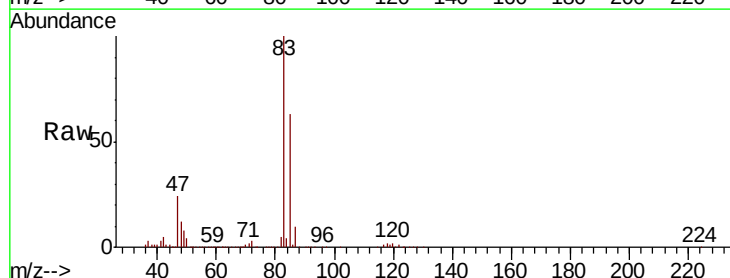
Acq: 26 Nov 2018 20:58

Tgt Ion: 83 Resp: 246465

Ion Ratio Lower Upper

83 100

85 63.0 51.0 76.4



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

100000

80000

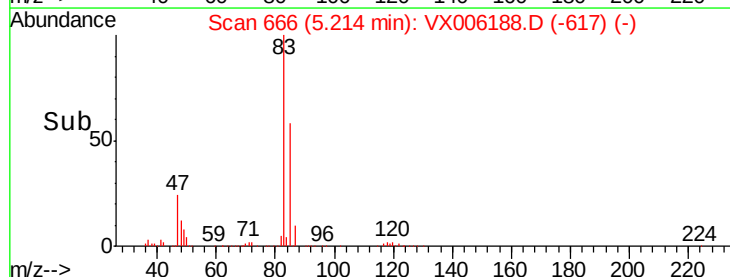
60000

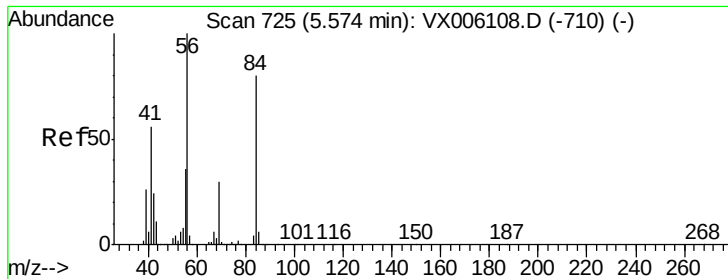
40000

20000

0

Time--> 5.00 5.10 5.20 5.30 5.40





#31

Cyclohexane

Concen: 49.309 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampled :

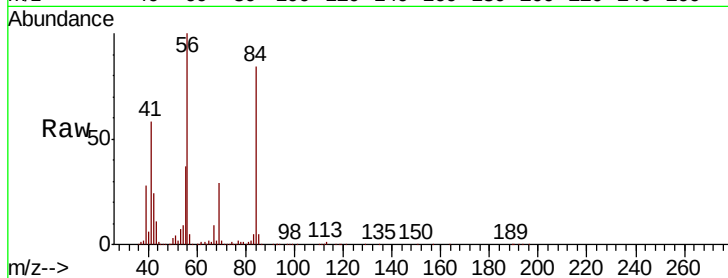
Tot Ion: 56 Resp: 209410

Ion Ratio Lower Upper

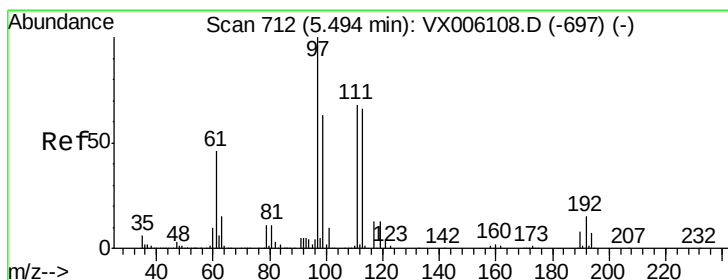
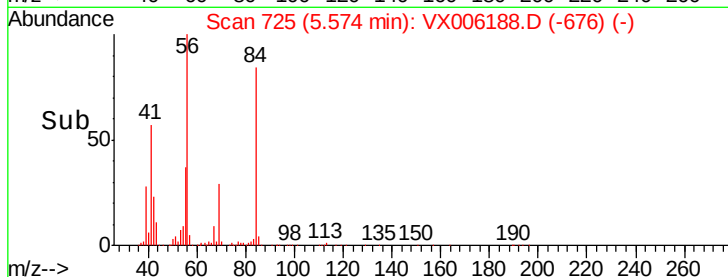
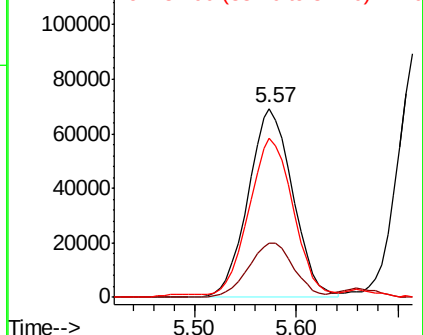
56 100

69 28.9 23.9 35.9

84 82.7 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: 53.076 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

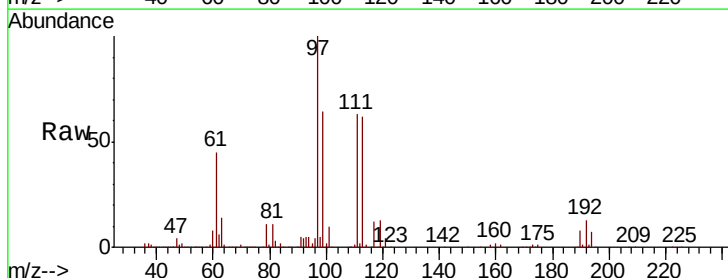
Tgt Ion: 97 Resp: 211155

Ion Ratio Lower Upper

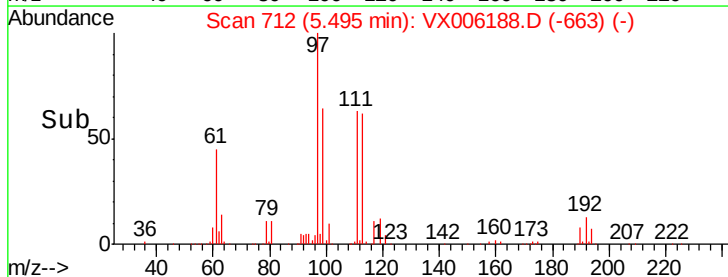
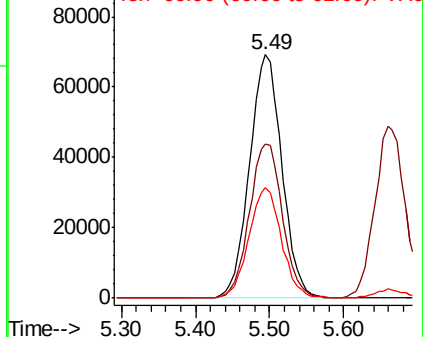
97 100

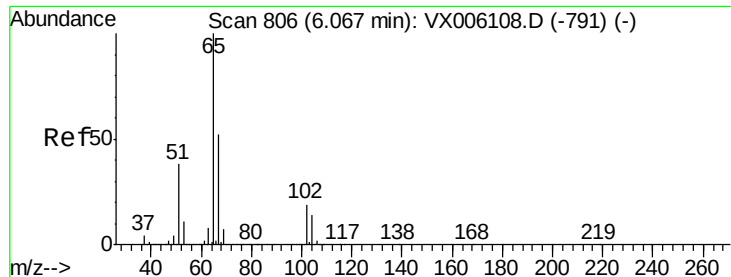
99 64.6 51.6 77.4

61 45.5 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

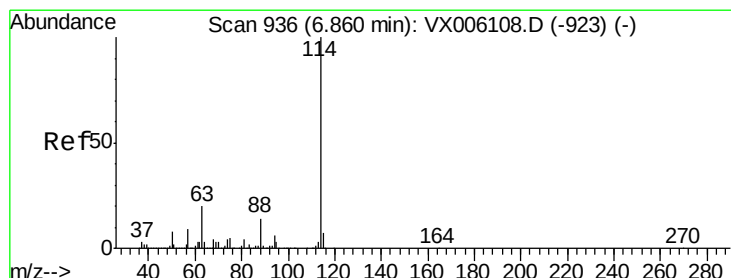
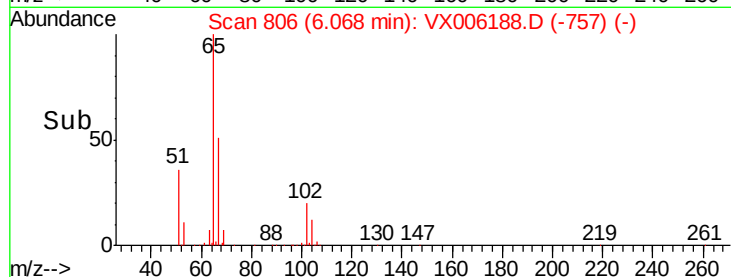
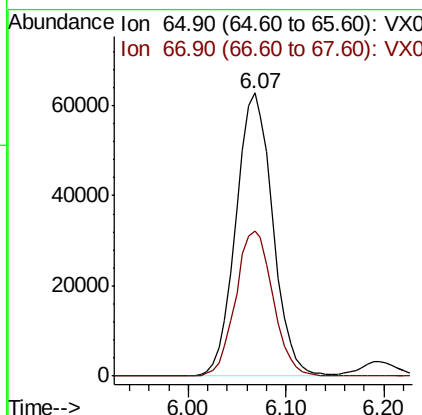
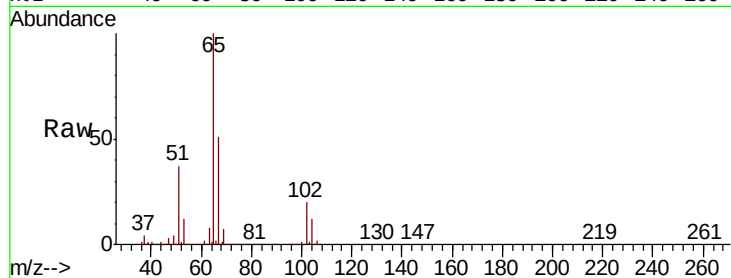




#33
 1,2-Dichloroethane-d4
 Concen: 51.916 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

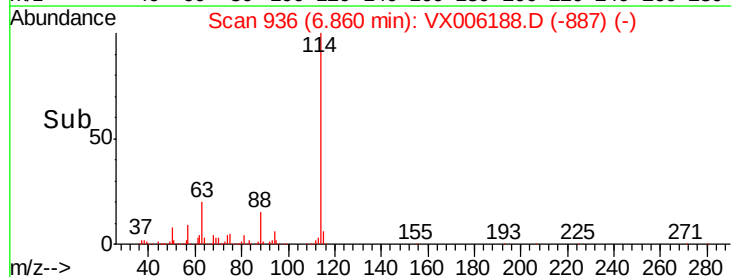
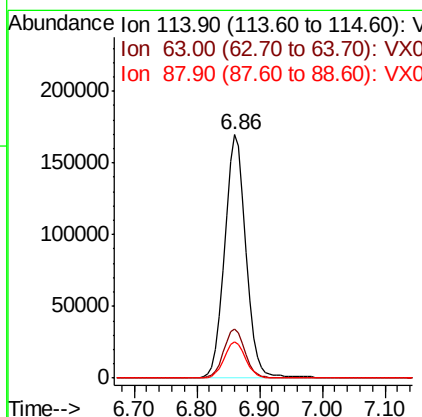
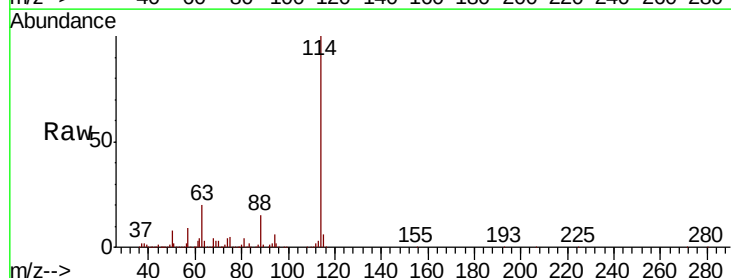
Instrument :
 MSVOA_X
 ClientSampleId :

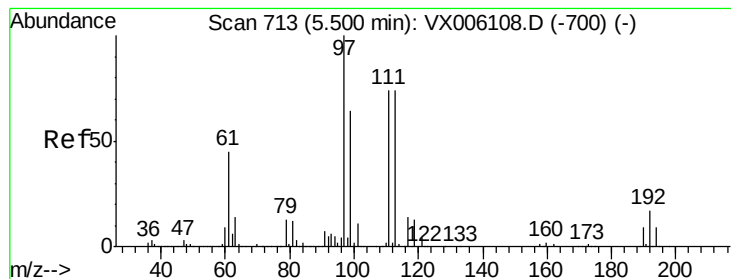
Tot Ion: 65 Resp: 164164
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Tgt Ion: 114 Resp: 397461
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 14.7 0.0 28.6





#35

Dibromofluoromethane

Concen: 51.562 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

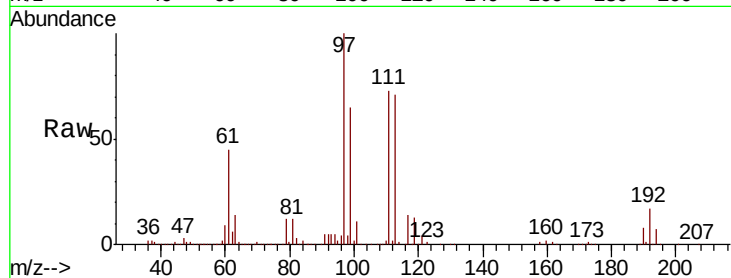
Tot Ion:113 Resp: 131554

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

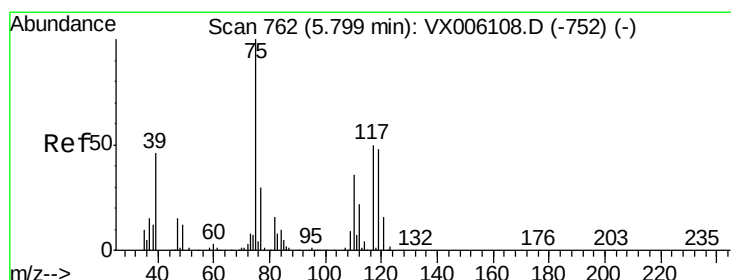
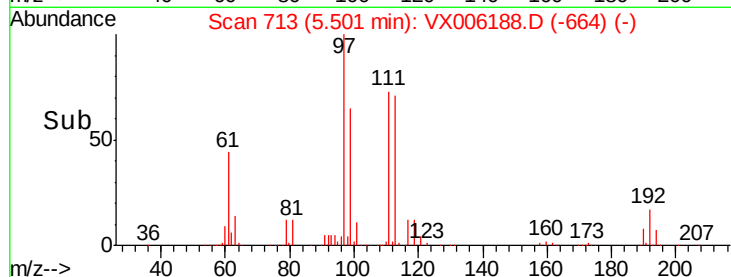
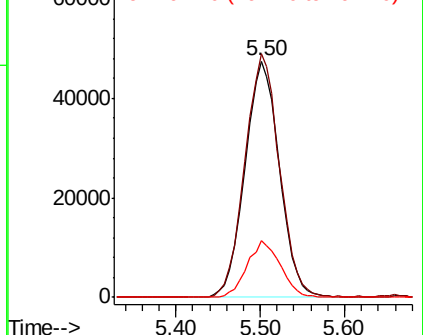
192 23.2 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.700 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

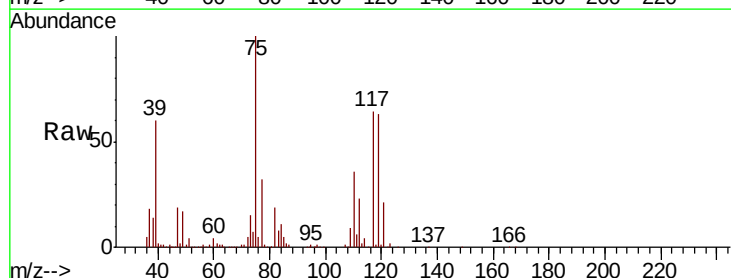
Tgt Ion: 75 Resp: 179711

Ion Ratio Lower Upper

75 100

110 36.2 17.8 53.3

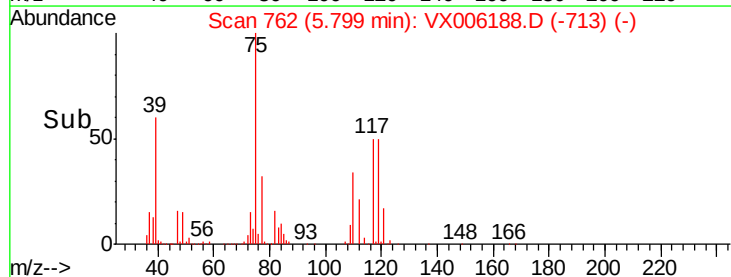
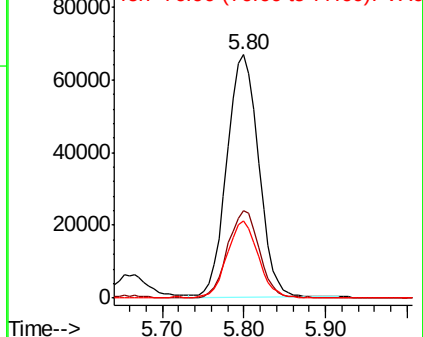
77 30.6 24.5 36.7

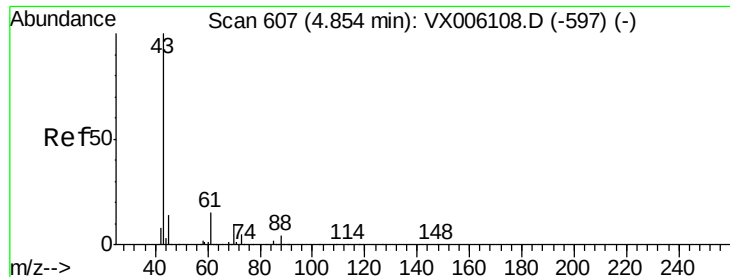


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

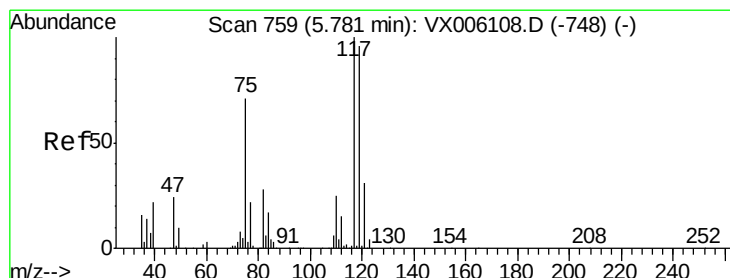
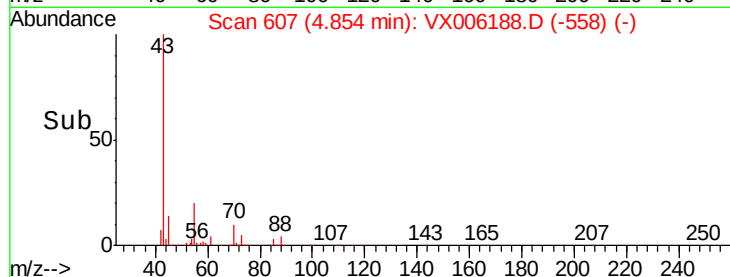
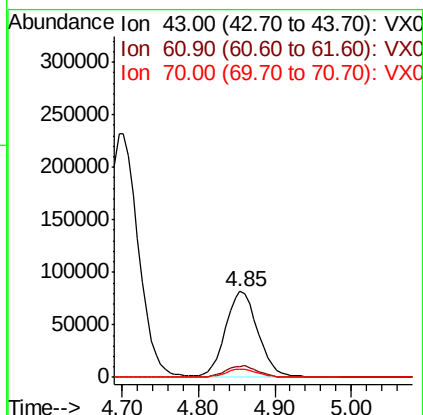
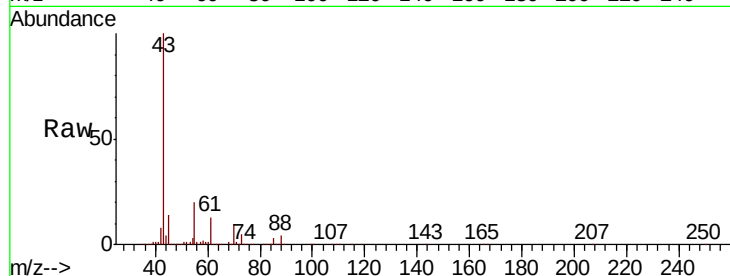




#37
Ethyl Acetate
Concen: 51.689 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

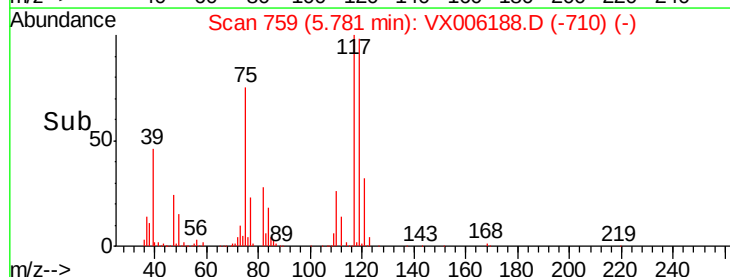
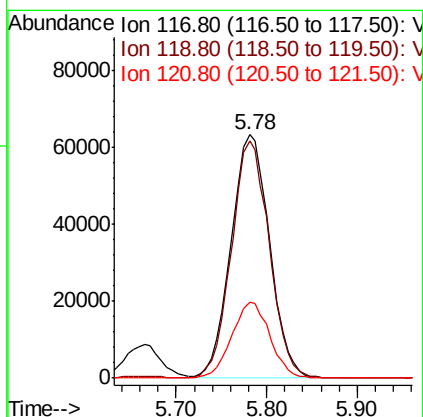
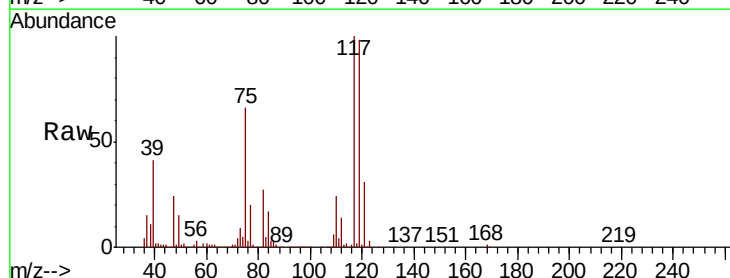
Instrument :
MSVOA_X
ClientSampleId :

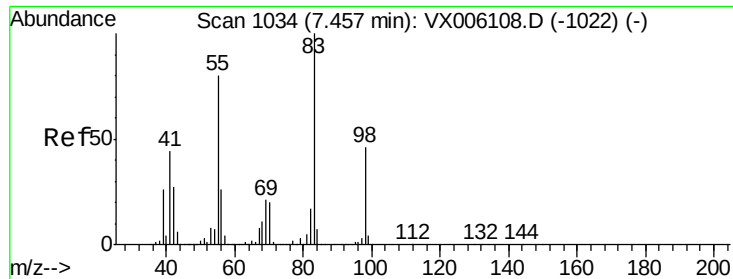
Tot Ion: 43 Resp: 240462
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 9.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 54.968 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion: 117 Resp: 186819
Ion Ratio Lower Upper
117 100
119 97.4 76.3 114.5
121 31.3 24.7 37.1

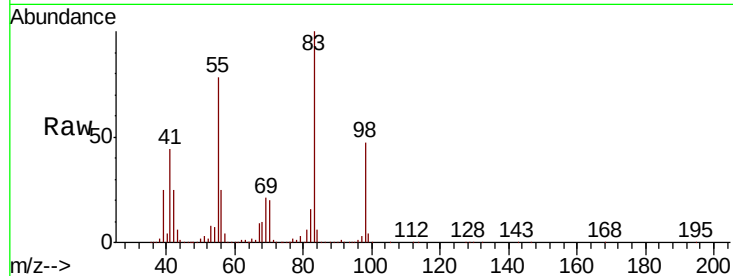




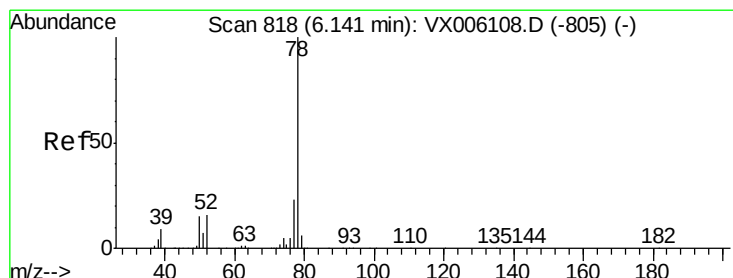
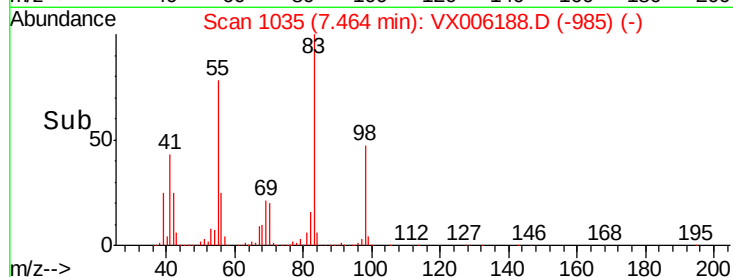
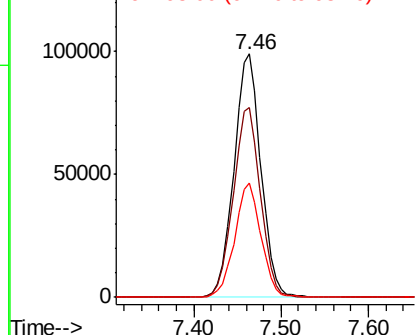
#39
Methylvlcyclohexane
Concen: 51.524 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 212250
Ion Ratio Lower Upper
83 100
55 78.2 63.9 95.9
98 47.1 36.8 55.2

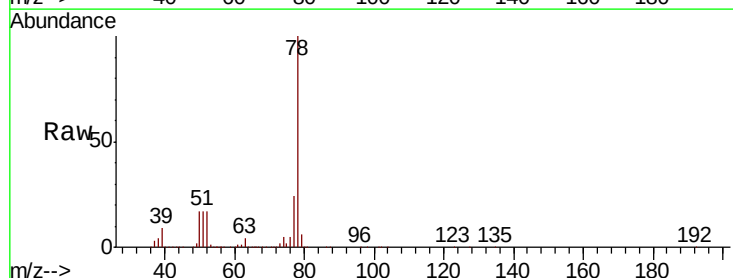


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

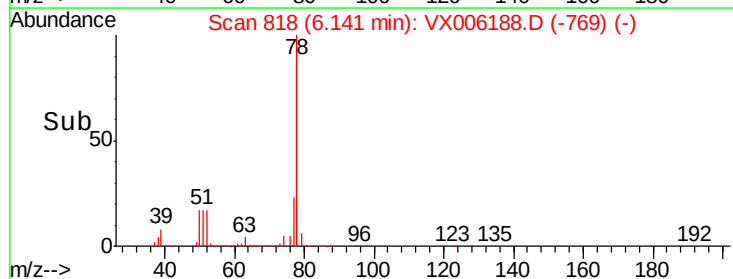
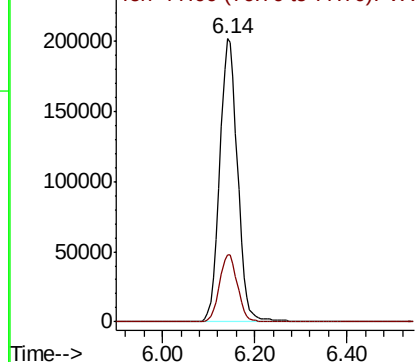


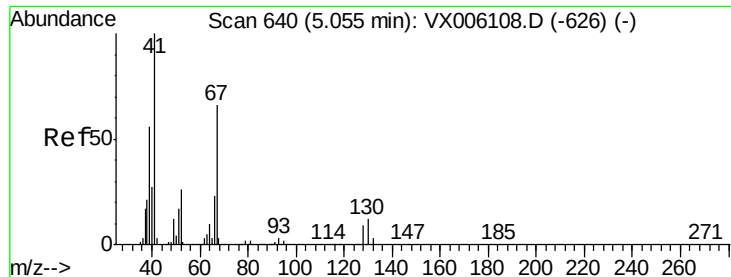
#40
Benzene
Concen: 50.929 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion: 78 Resp: 542553
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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





#41

Methacrylonitrile

Concen: 52.028 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 133385

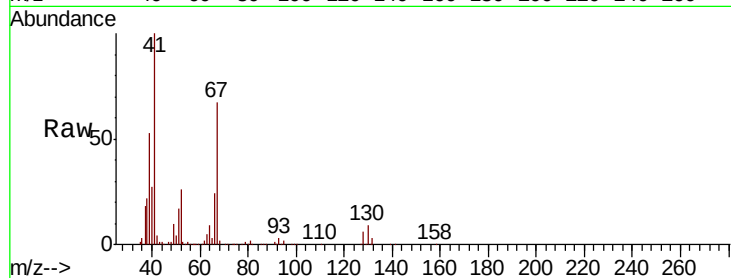
Ion Ratio Lower Upper

41 100

39 54.1 44.1 66.1

67 66.0 54.1 81.1

52 28.1 21.7 32.5

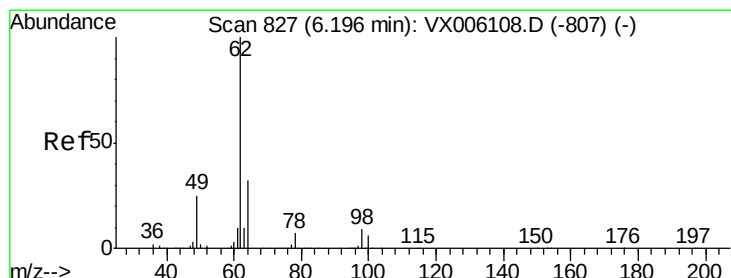
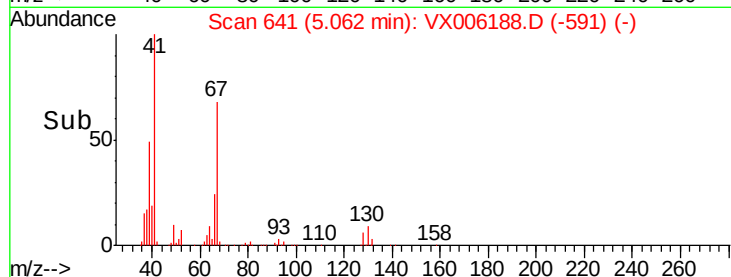
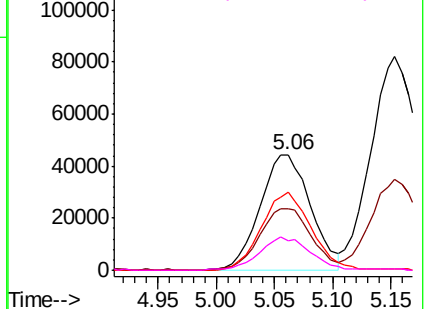


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.667 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006188.D

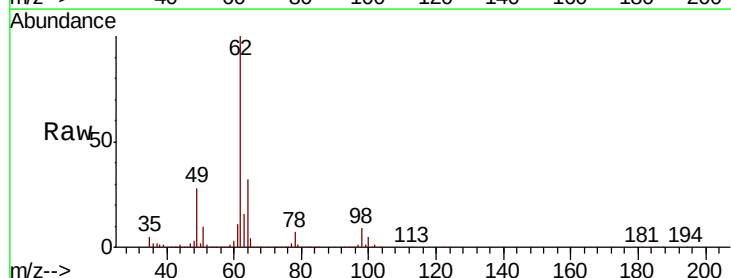
Acq: 26 Nov 2018 20:58

Tgt Ion: 62 Resp: 201796

Ion Ratio Lower Upper

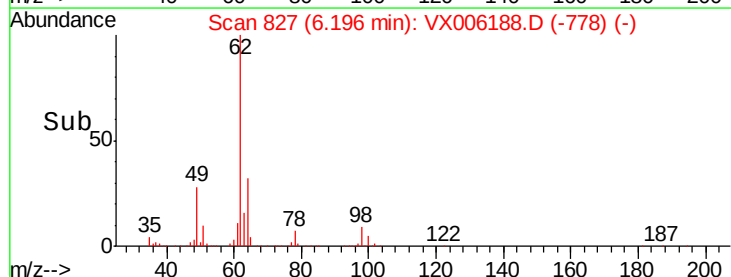
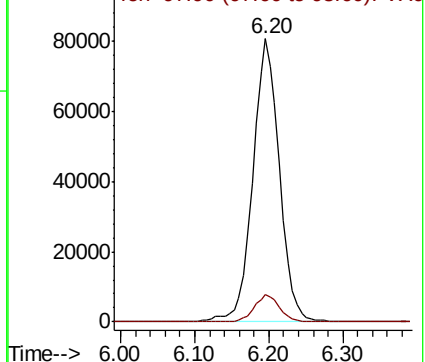
62 100

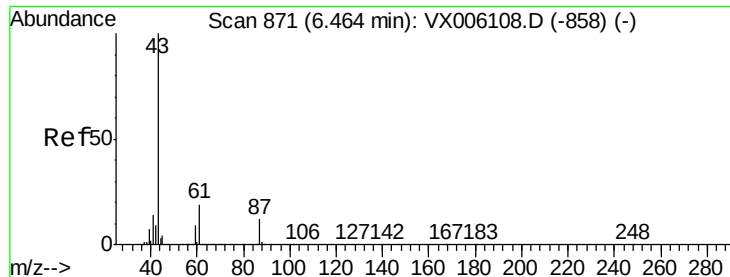
98 9.1 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.357 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

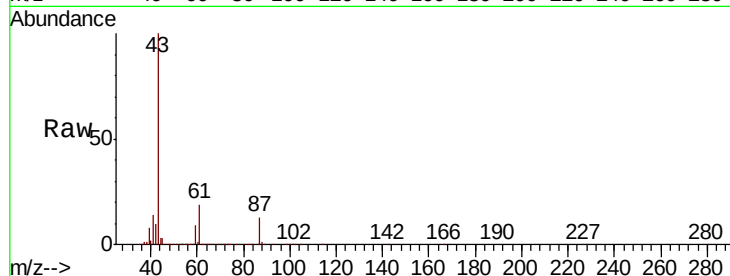
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 358473

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.2	22.8
87	12.3	9.6	14.4

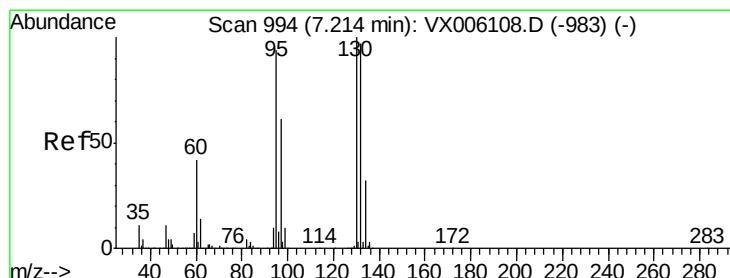
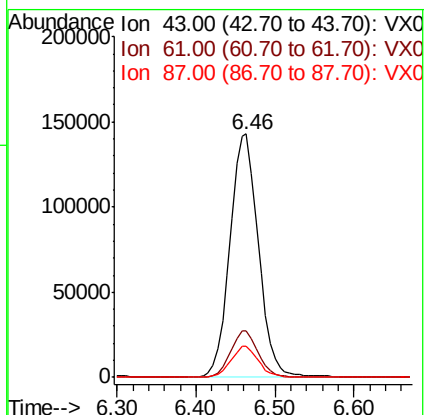
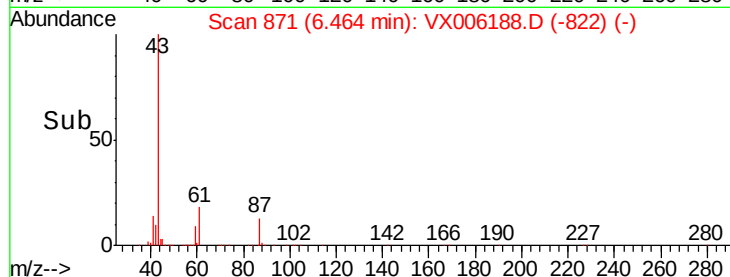


Abundance

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: 49.215 ug/l

RT: 7.21 min Scan# 994

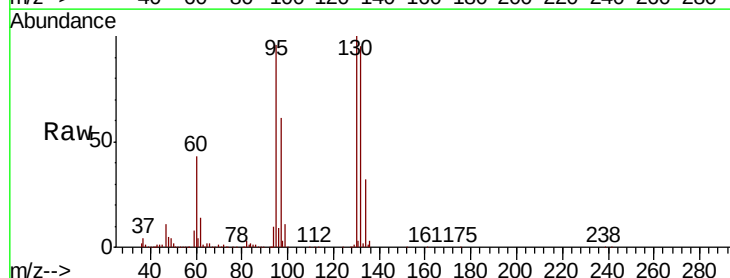
Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Tgt Ion:130 Resp: 145718

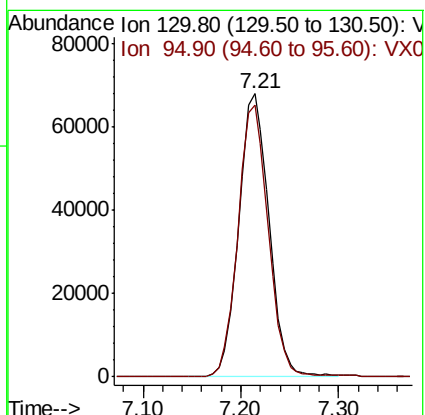
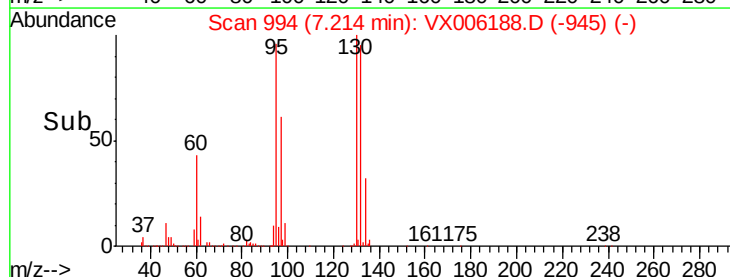
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	188.8

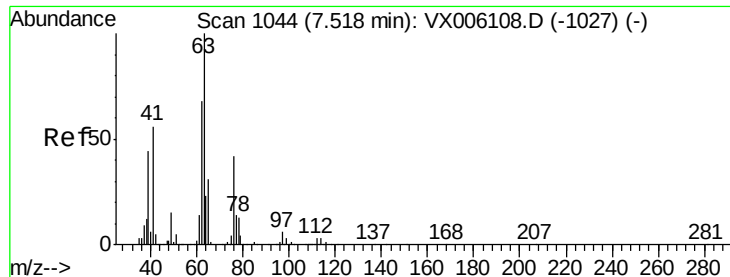


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.734 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

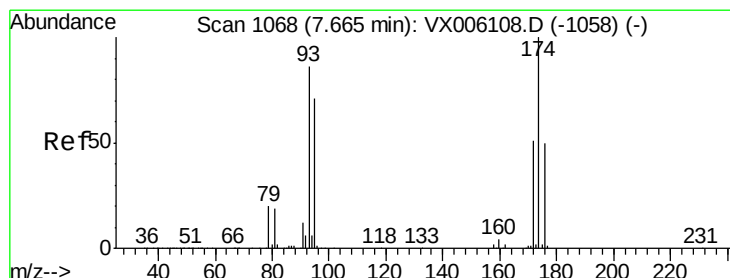
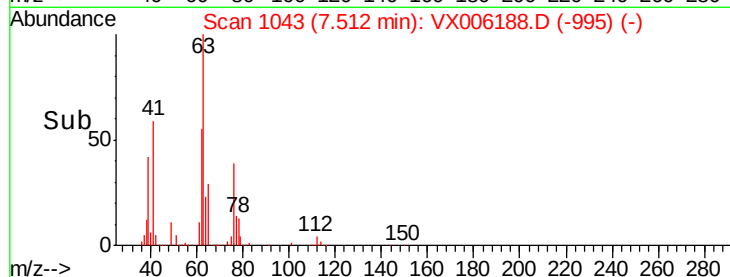
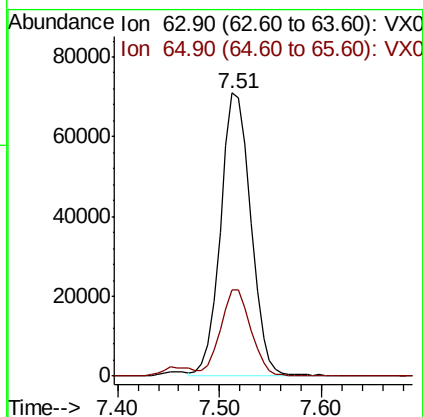
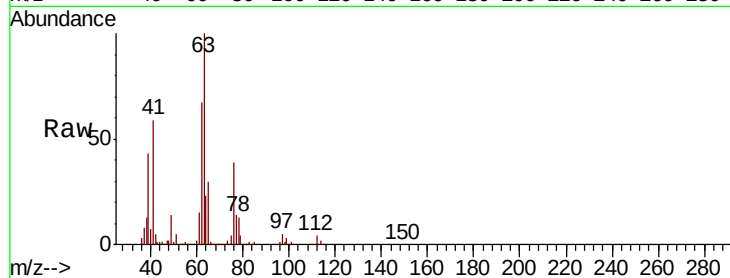
ClientSampleId :

Tot Ion: 63 Resp: 145856

Ion Ratio Lower Upper

63 100

65 30.3 24.8 37.2



#46

Dibromomethane

Concen: 50.336 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

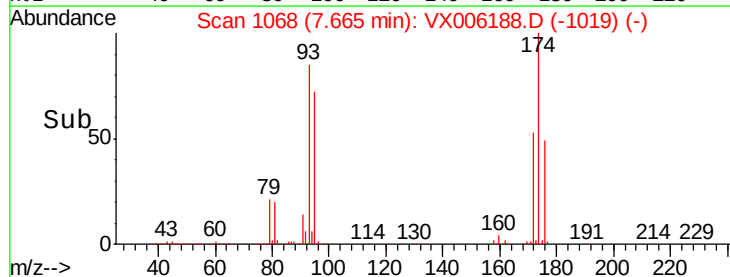
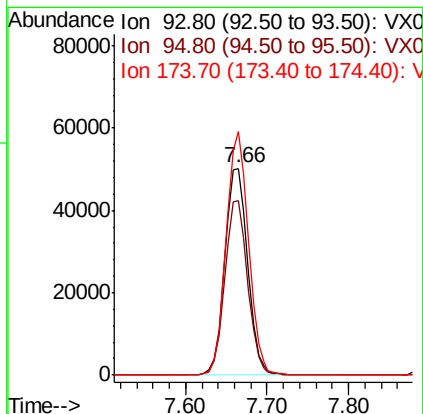
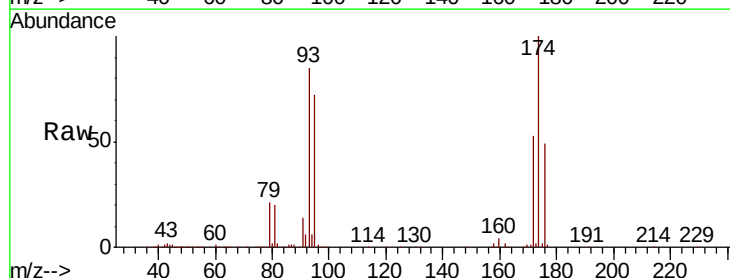
Tgt Ion: 93 Resp: 97188

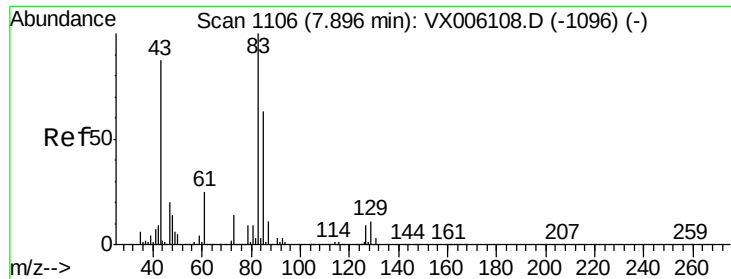
Ion Ratio Lower Upper

93 100

95 84.3 66.3 99.5

174 114.6 91.0 136.6

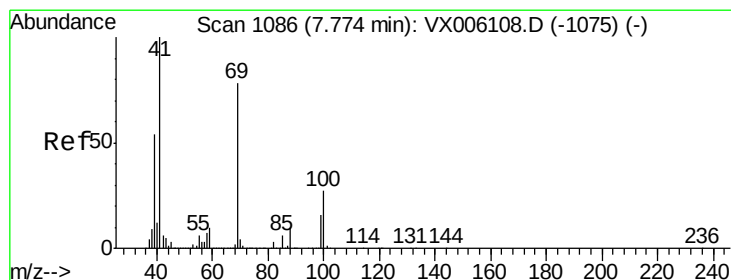
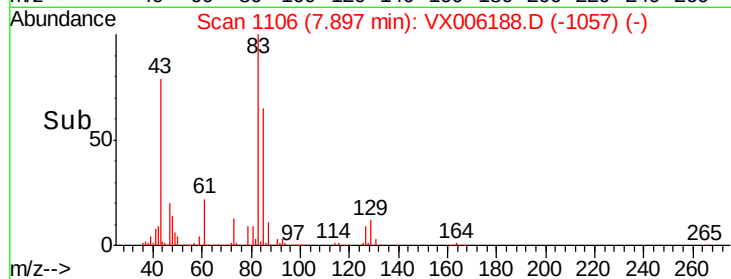
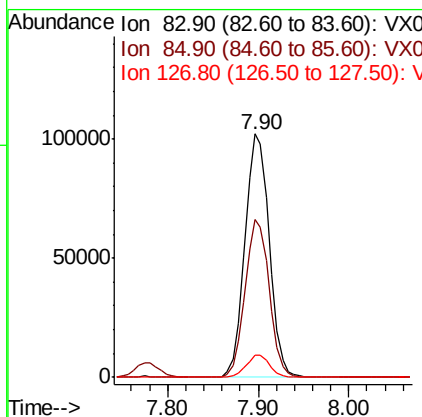
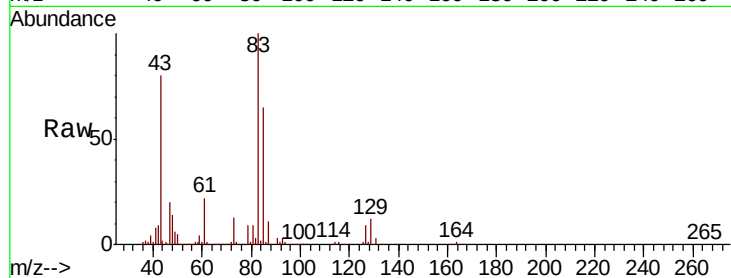




#47
 Bromodichloromethane
 Concen: 53.065 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

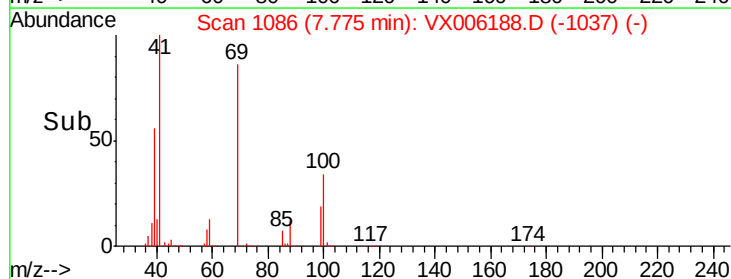
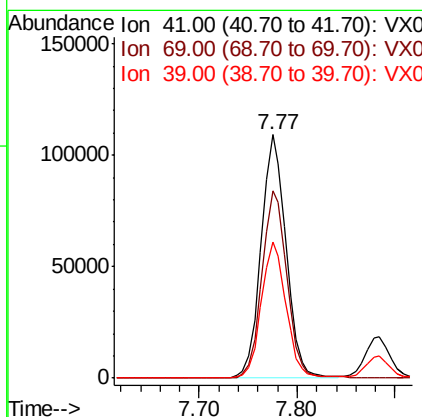
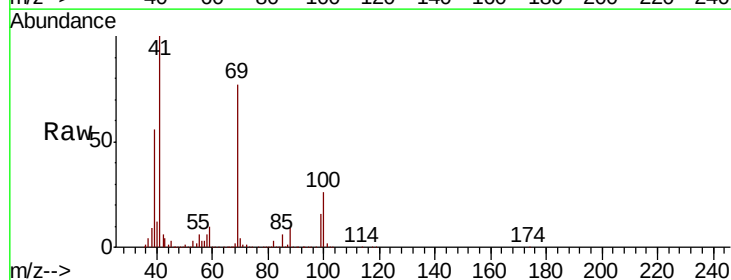
Instrument :
 MSVOA_X
 ClientSampled :

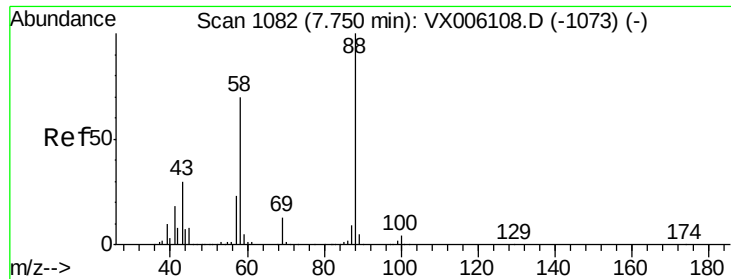
Tot Ion: 83 Resp: 189493
 Ion Ratio Lower Upper
 83 100
 85 64.9 50.4 75.6
 127 9.2 7.0 10.4



#48
 Methyl methacrylate
 Concen: 56.520 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Tgt Ion: 41 Resp: 192580
 Ion Ratio Lower Upper
 41 100
 69 77.5 62.8 94.2
 39 55.7 43.8 65.6

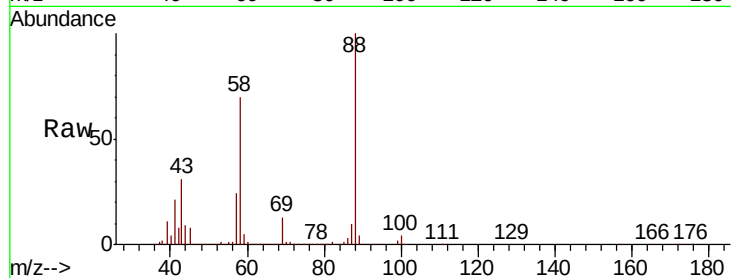




#49
1,4-Dioxane
Concen: 1052.480 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	85080
Ion	Ratio	Lower	Upper
88	100		
43	34.6	26.7	40.1
58	71.0	58.5	87.7

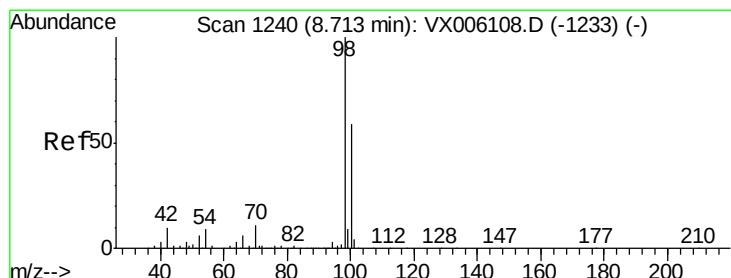
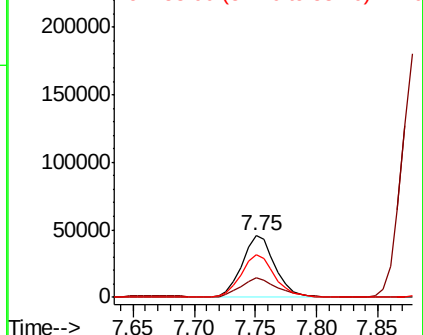
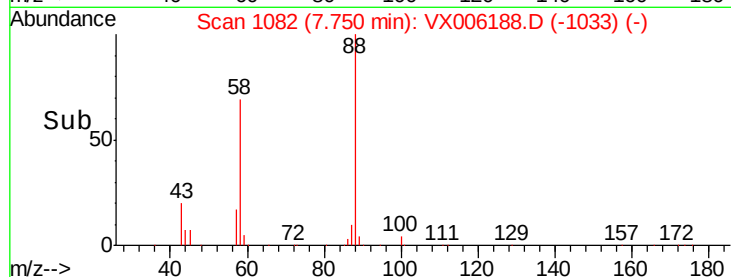


Abundance

Ion 88.00 (87.70 to 88.70): VX0

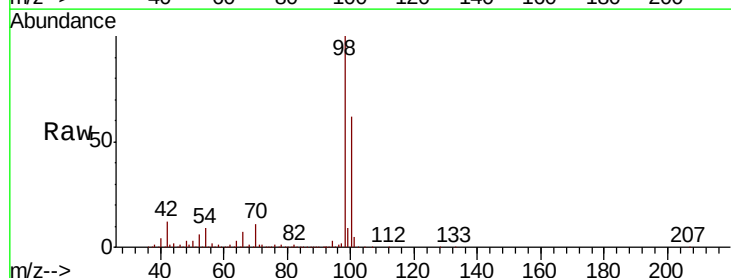
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.413 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

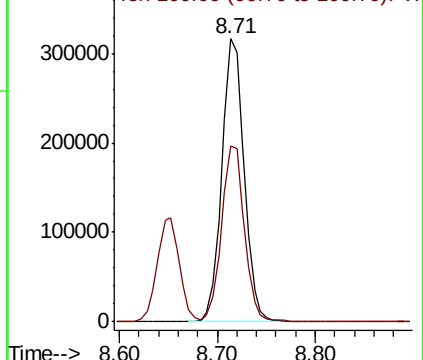
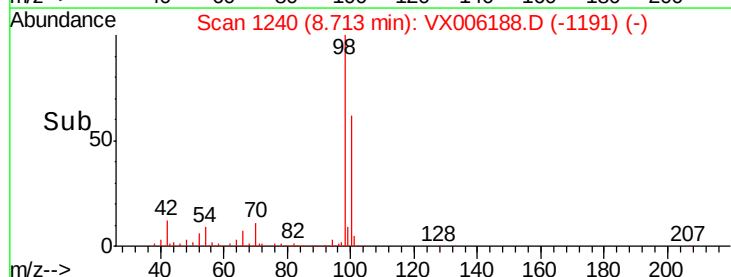
Tgt Ion	98	Resp	500323
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4

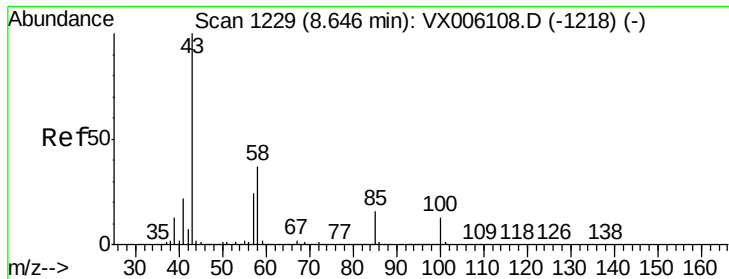


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 273.214 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

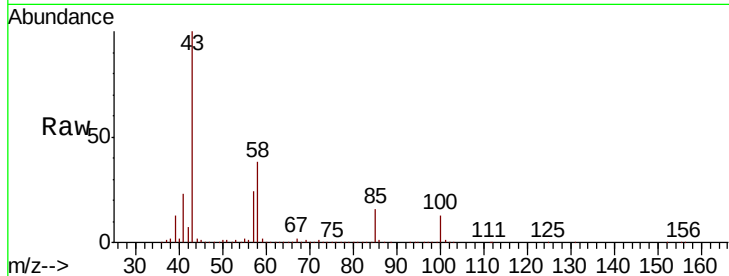
ClientSampleId :

Tot Ion: 43 Resp: 1315909

Ion Ratio Lower Upper

43 100

58 37.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

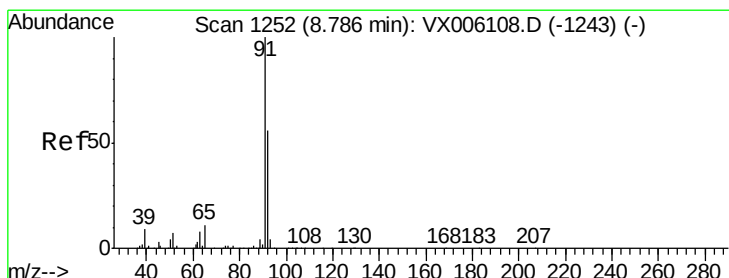
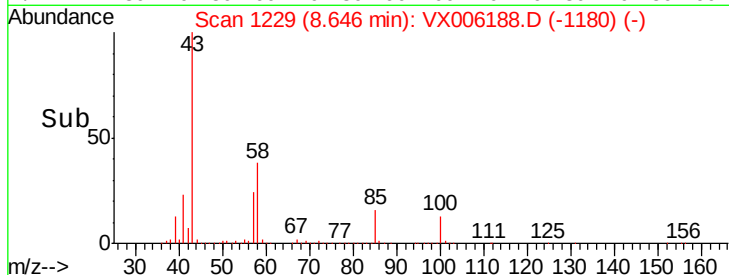
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.605 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006188.D

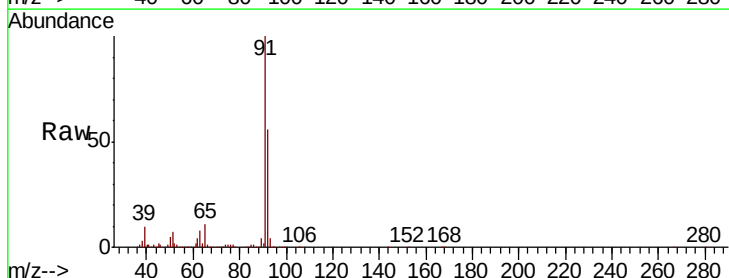
Acq: 26 Nov 2018 20:58

Tgt Ion: 92 Resp: 346628

Ion Ratio Lower Upper

92 100

91 177.2 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

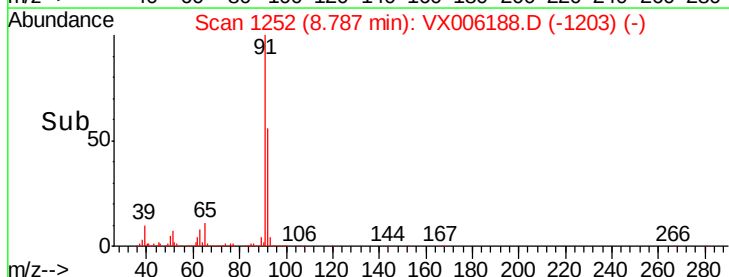
300000

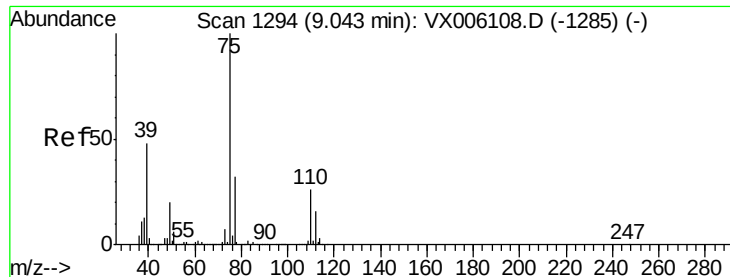
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.081 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

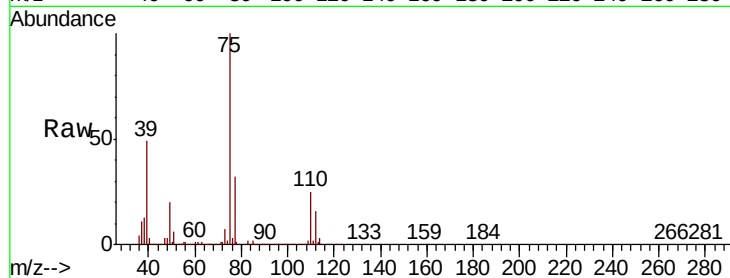
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 201530

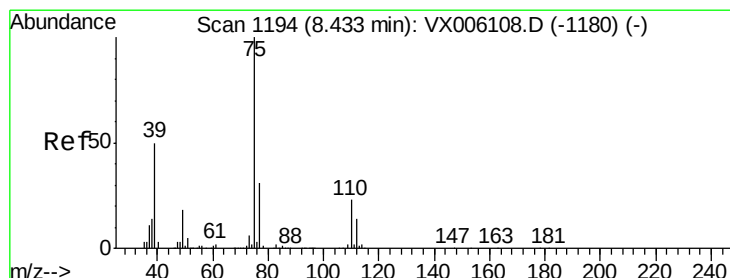
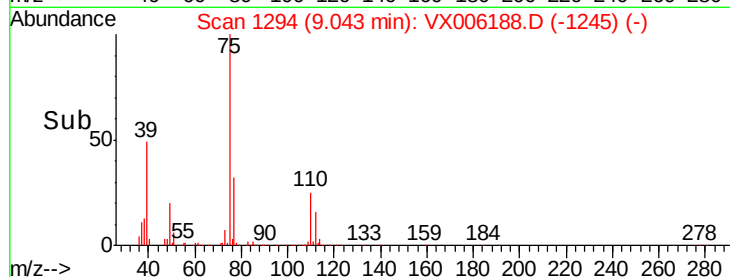
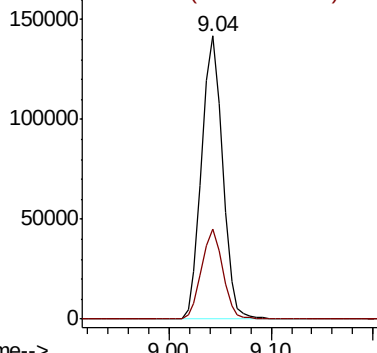
Ion Ratio Lower Upper

75 100

77 31.8 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: 52.861 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

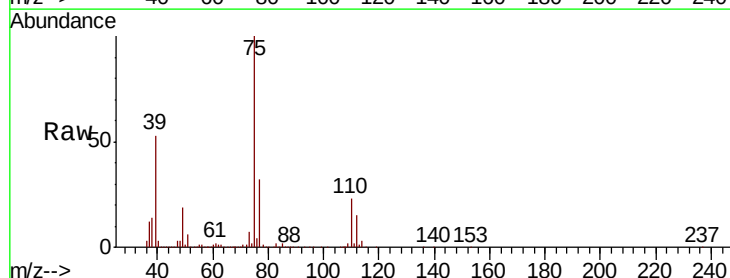
Tgt Ion: 75 Resp: 217759

Ion Ratio Lower Upper

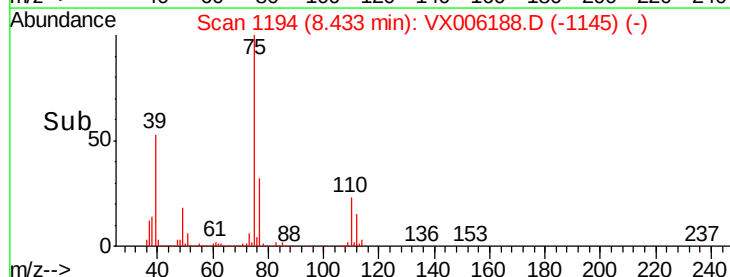
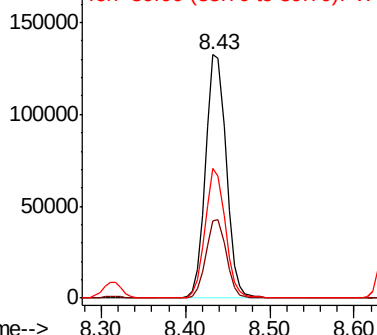
75 100

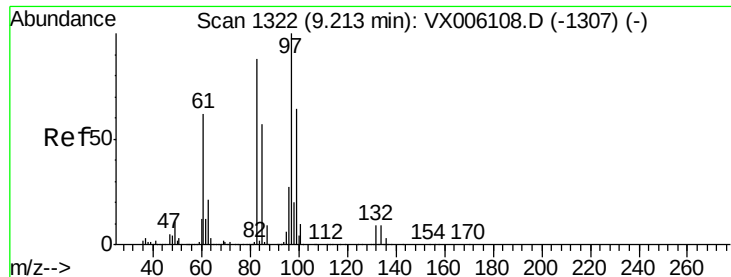
77 31.7 24.7 37.1

39 53.0 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: 51.007 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 145559

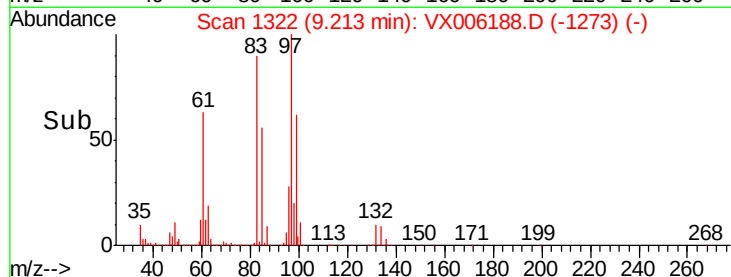
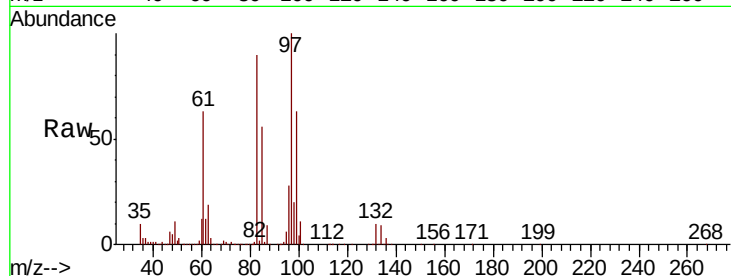
Ion	Ratio	Lower	Upper
97	100		
83	90.2	70.7	106.1
85	56.0	45.7	68.5
99	62.5	51.4	77.2

97 100

83 90.2 70.7 106.1

85 56.0 45.7 68.5

99 62.5 51.4 77.2

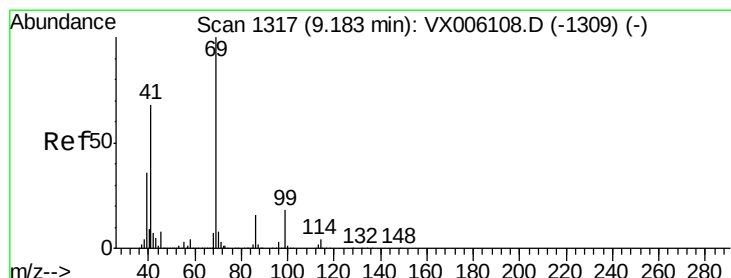
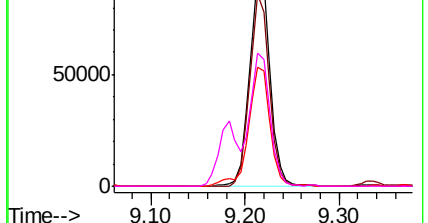


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.396 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

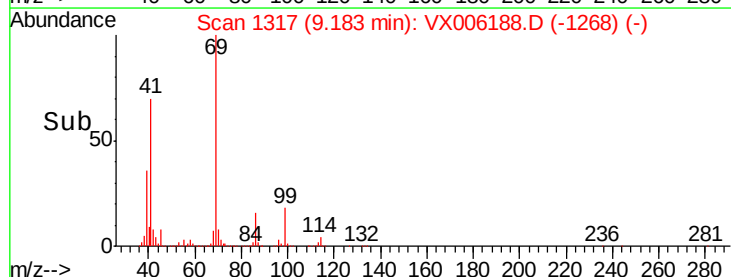
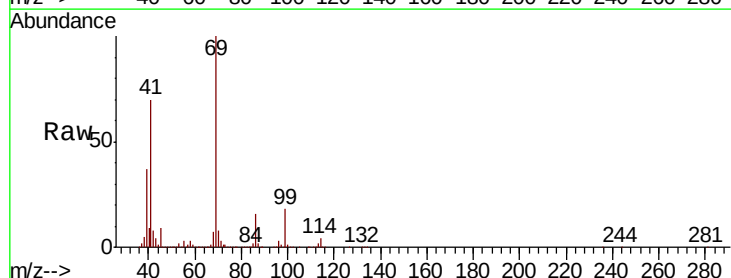
Tgt Ion: 69 Resp: 224060

Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.2	84.4
39	38.1	29.4	44.0

69 100

41 70.8 56.2 84.4

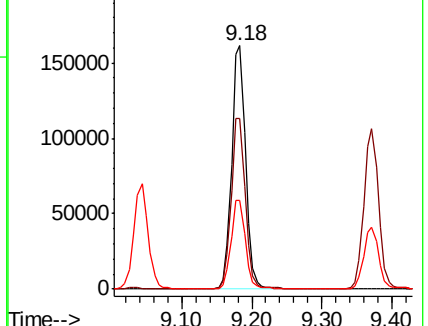
39 38.1 29.4 44.0

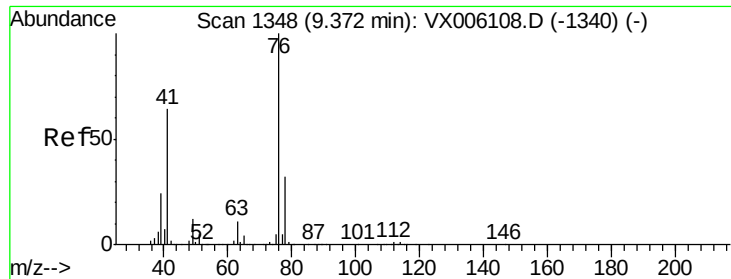


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

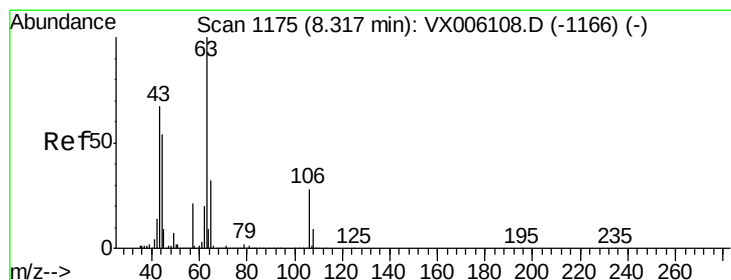
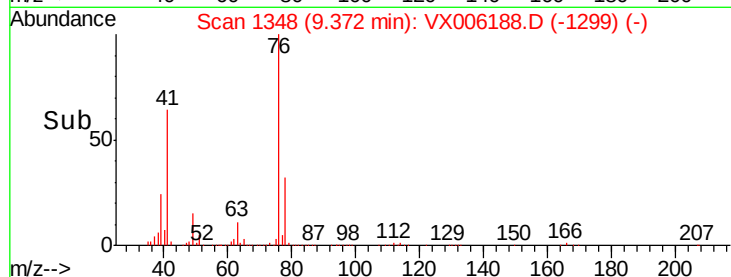
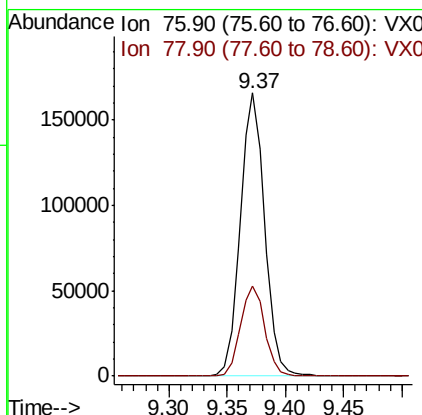
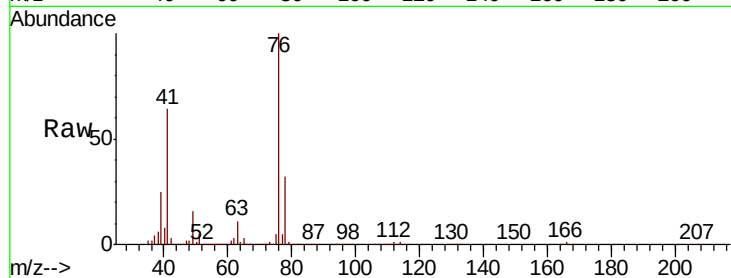




#57
 1,3-Dichloropropane
 Concen: 51.467 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

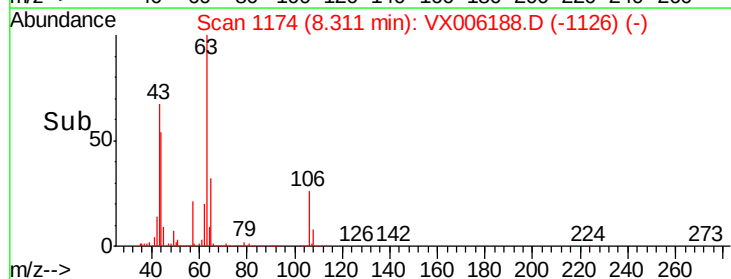
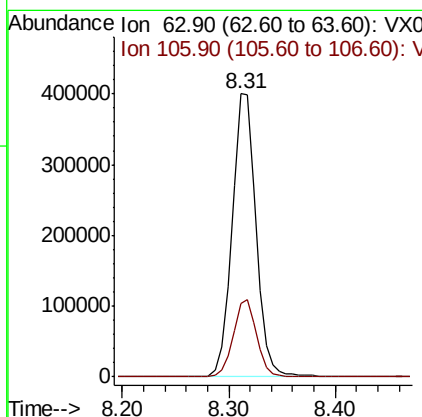
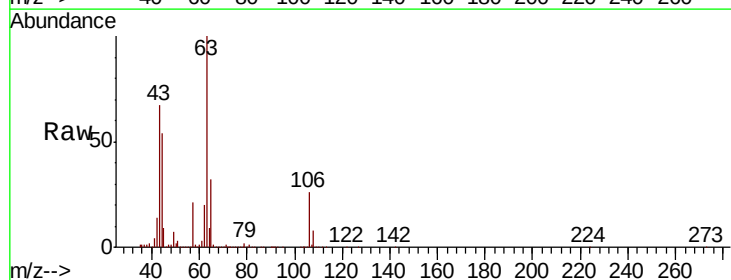
Instrument :
 MSVOA_X
 ClientSampleId :

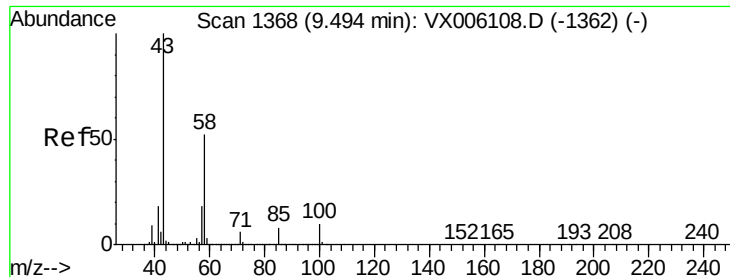
Tot Ion: 76 Resp: 242089
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.356 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Tgt Ion: 63 Resp: 631135
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.7 32.5

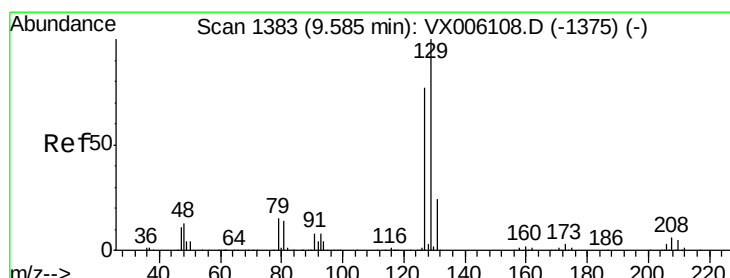
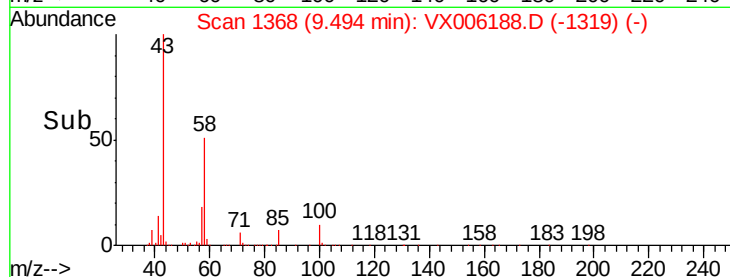
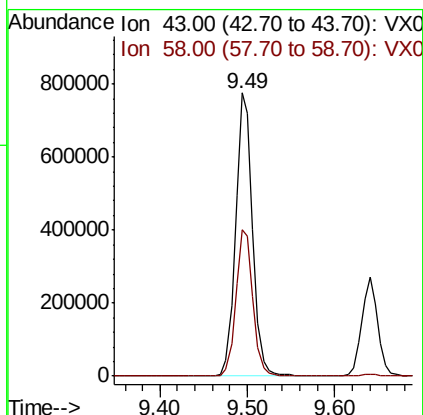
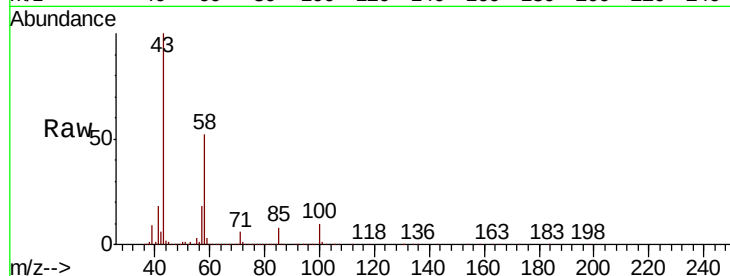




#59
2-Hexanone
Concen: 274.005 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

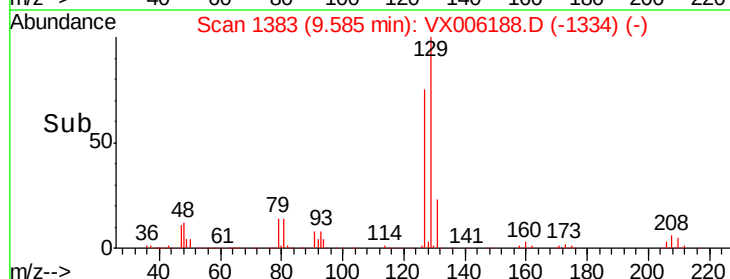
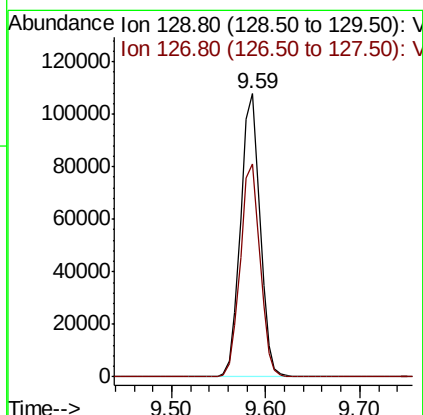
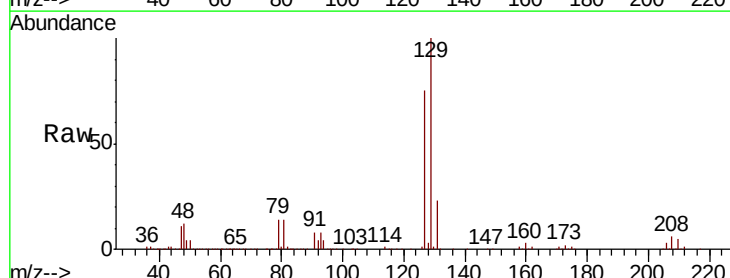
Instrument :
MSVOA_X
ClientSampleId :

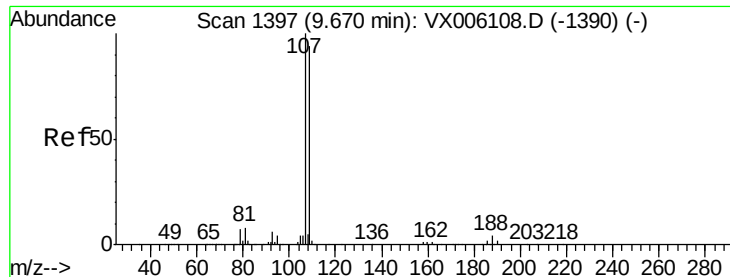
Tot Ion: 43 Resp: 1047345
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9



#60
Dibromochloromethane
Concen: 55.894 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion: 129 Resp: 156381
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.5





#61

1,2-Dibromoethane

Concen: 52.158 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

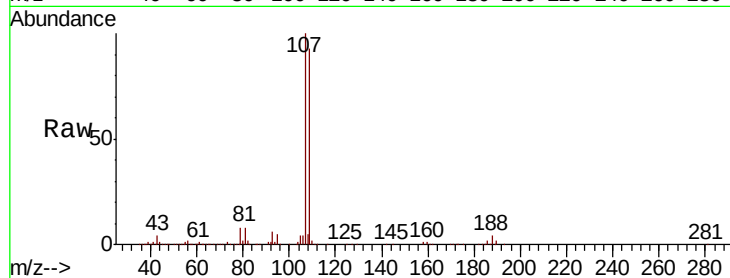
ClientSampleId :

Tot Ion:107 Resp: 153343

Ion Ratio Lower Upper

107 100

109 94.7 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

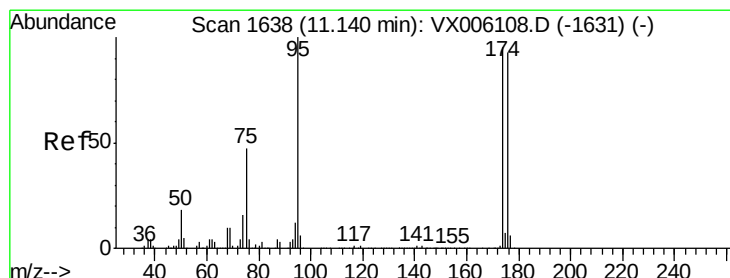
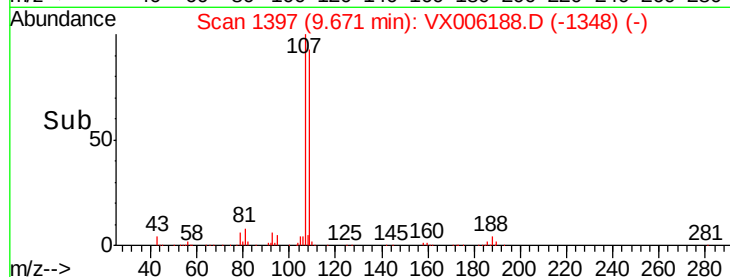
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.319 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

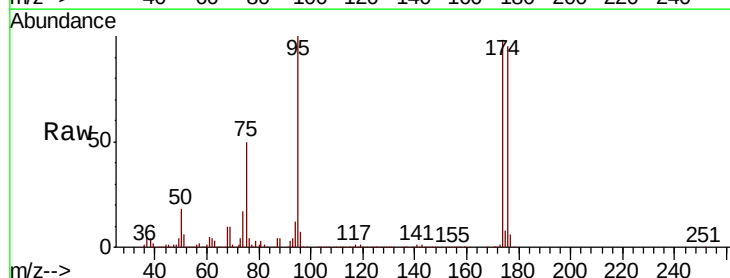
Tgt Ion: 95 Resp: 187379

Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

176 89.0 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

200000

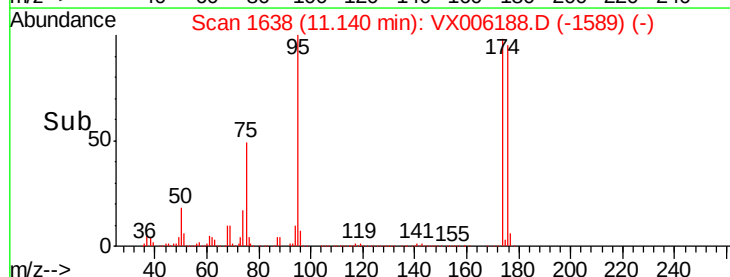
150000

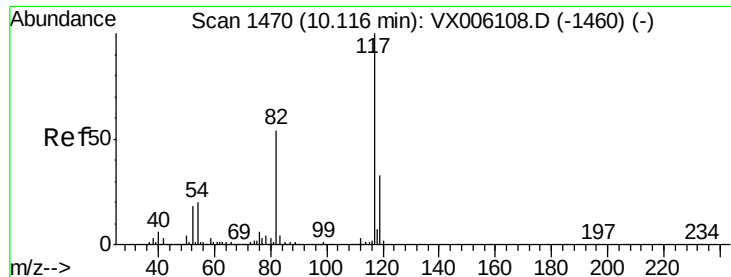
100000

50000

0

Time-->

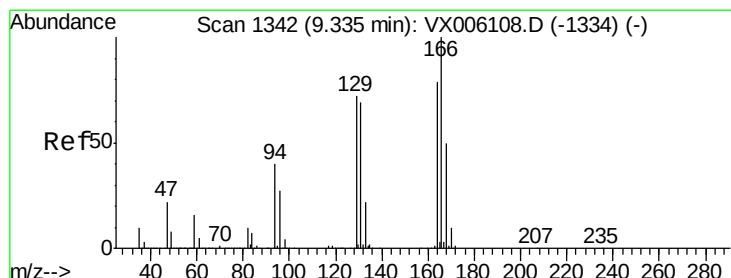
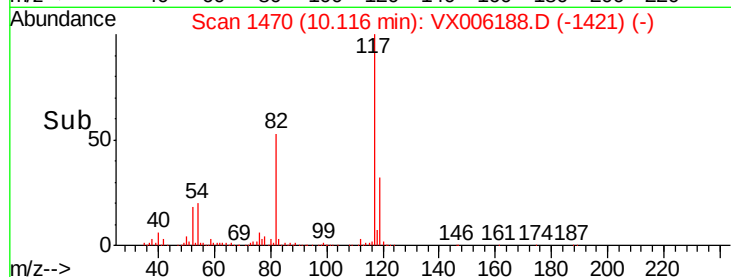
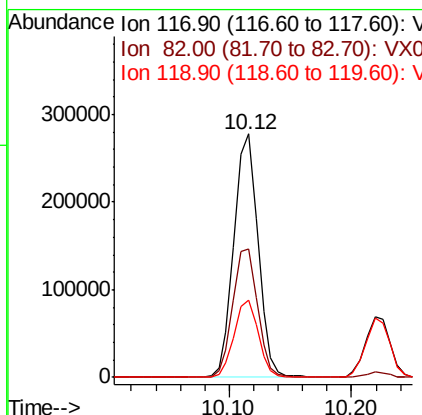
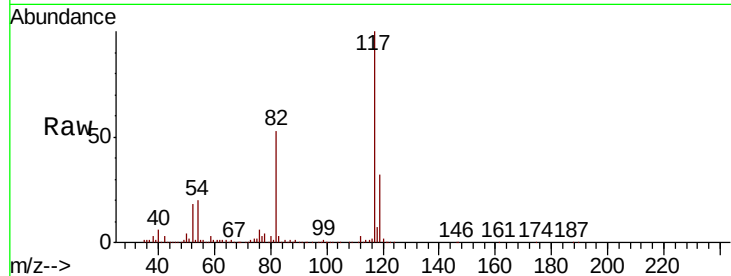




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

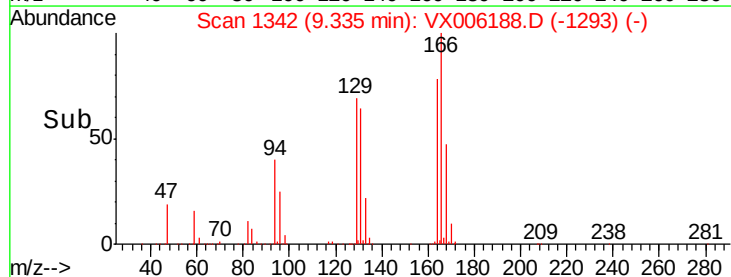
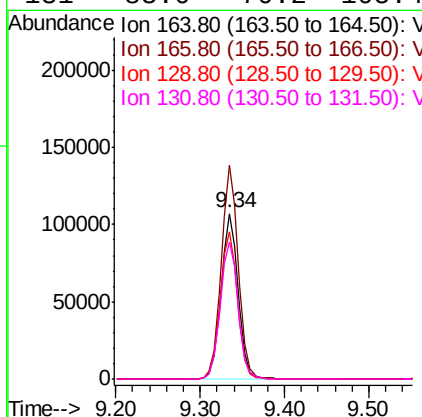
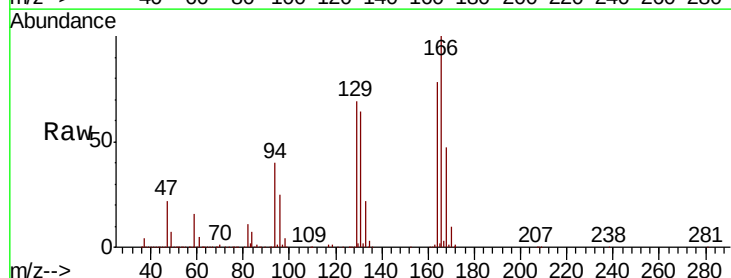
Instrument :
MSVOA_X
ClientSampleId :

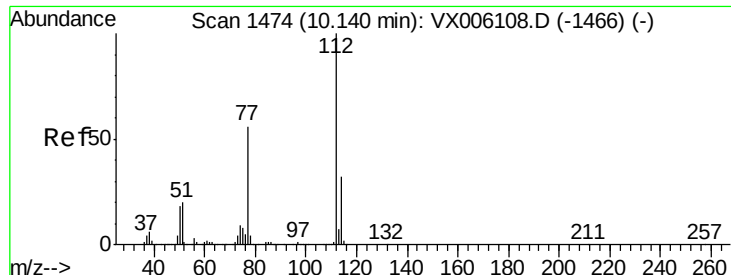
Tot Ion:117 Resp: 378716
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 48.054 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion:164 Resp: 149765
Ion Ratio Lower Upper
164 100
166 128.9 101.5 152.3
129 88.6 73.4 110.0
131 83.0 70.2 105.4

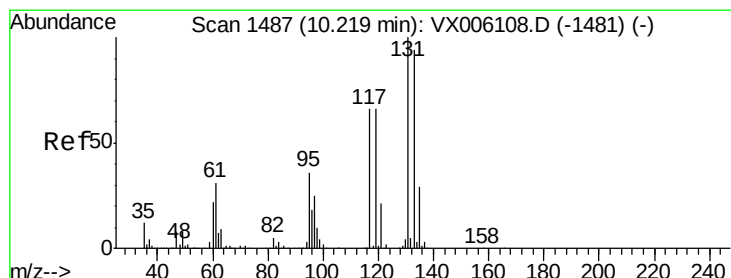
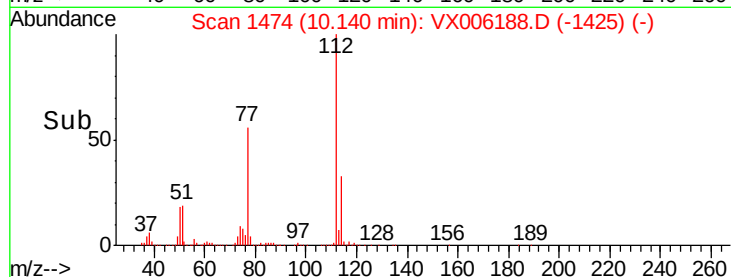
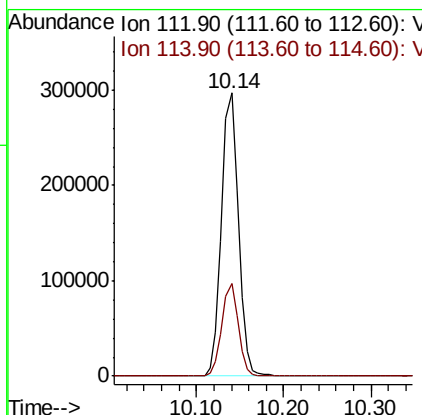
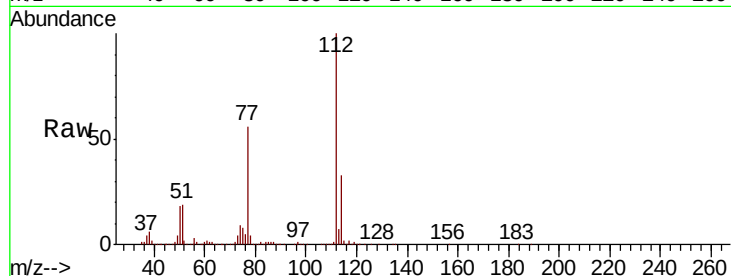




#65
Chlorobenzene
Concen: 51.156 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

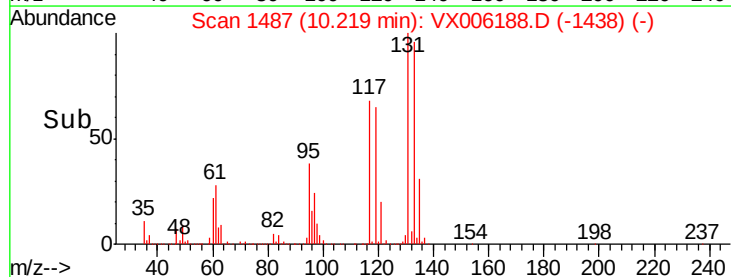
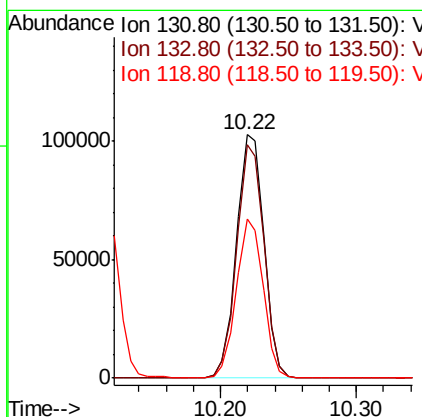
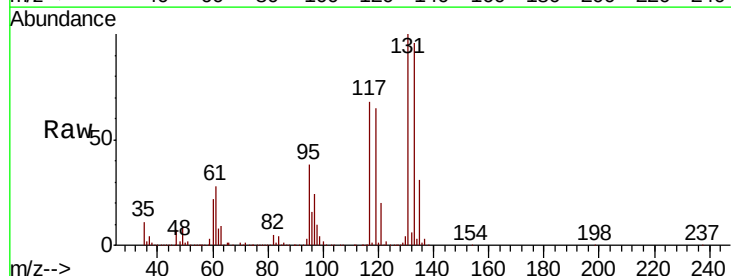
Instrument :
MSVOA_X
ClientSampleId :

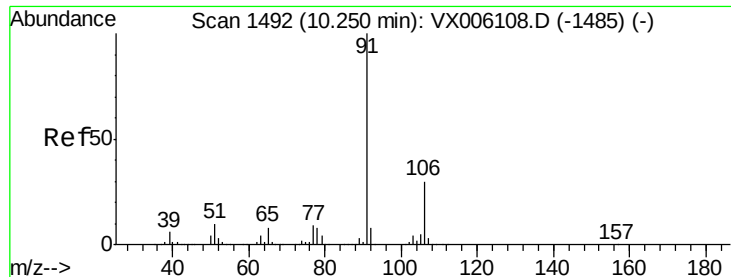
Tot Ion:112 Resp: 397391
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.058 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion:131 Resp: 144170
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 64.1 32.6 97.8

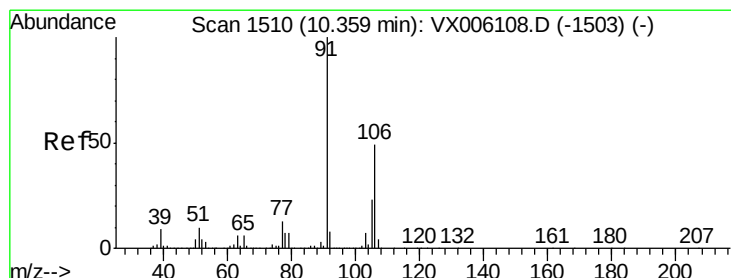
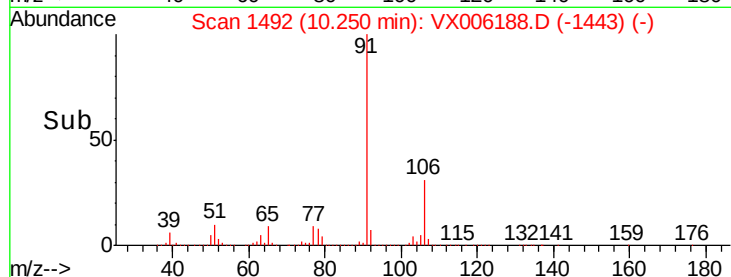
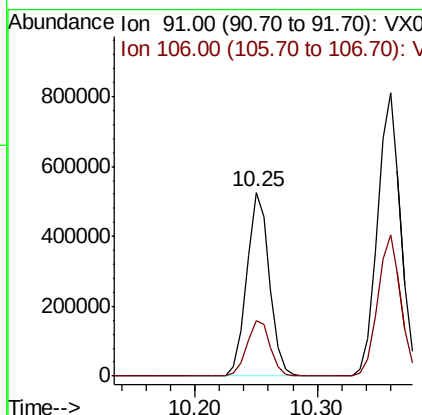
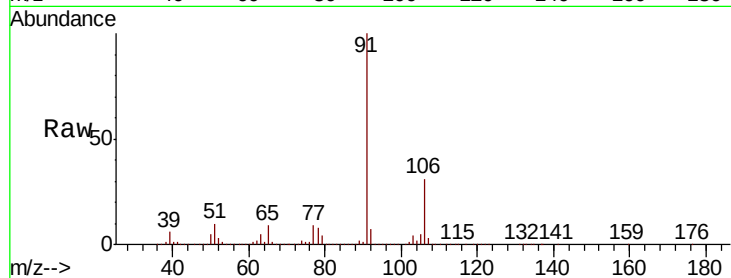




#67
Ethyl Benzene
Concen: 53.265 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

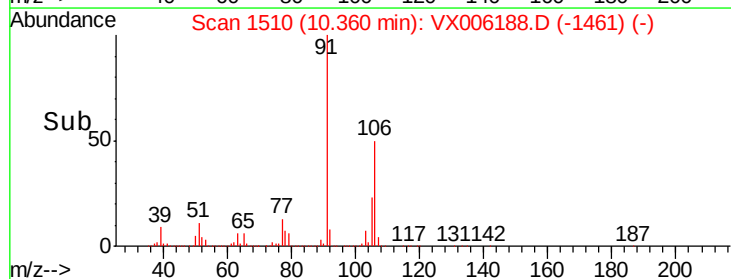
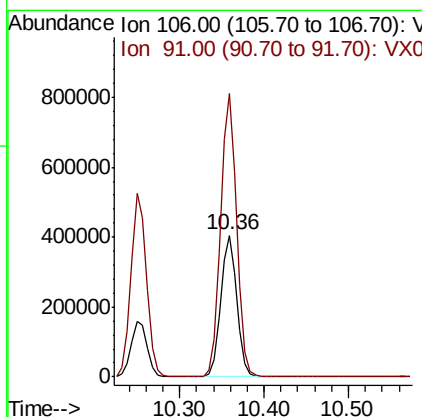
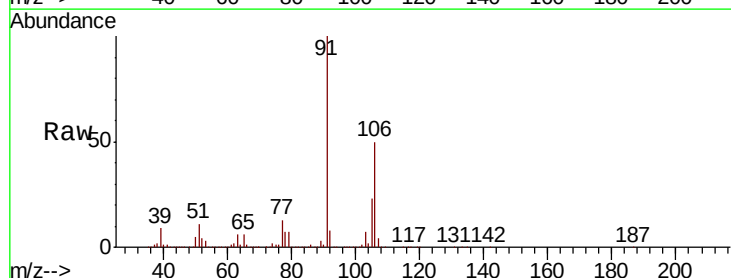
Instrument :
MSVOA_X
ClientSampled :

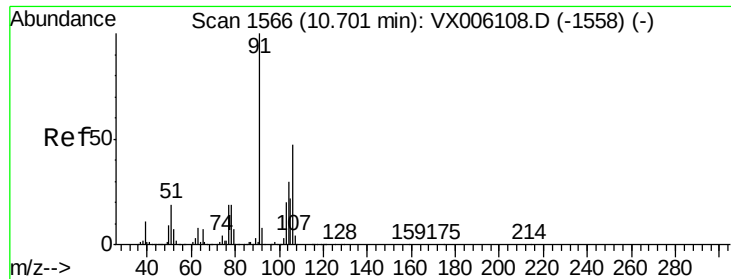
Tot Ion: 91 Resp: 677497
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6



#68
m/p-Xylenes
Concen: 107.321 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion: 106 Resp: 531549
Ion Ratio Lower Upper
106 100
91 201.3 162.0 243.0

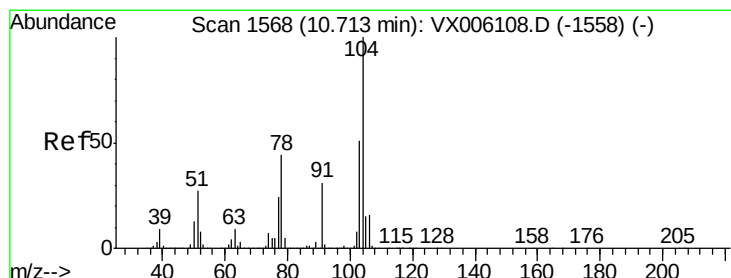
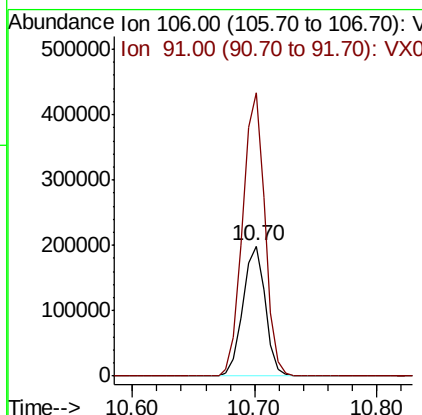
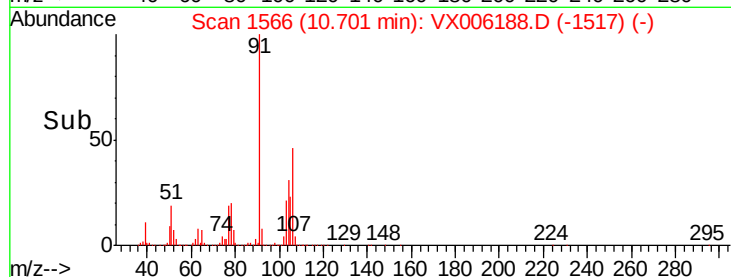
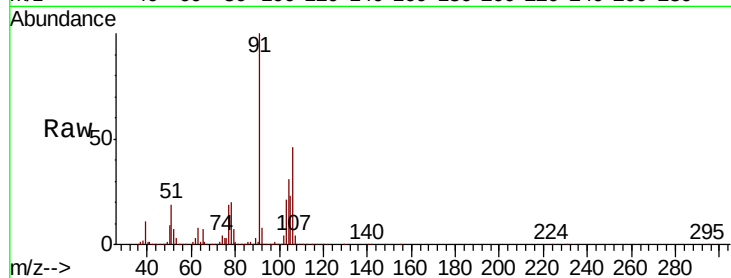




#69
o-Xylene
Concen: 53.264 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

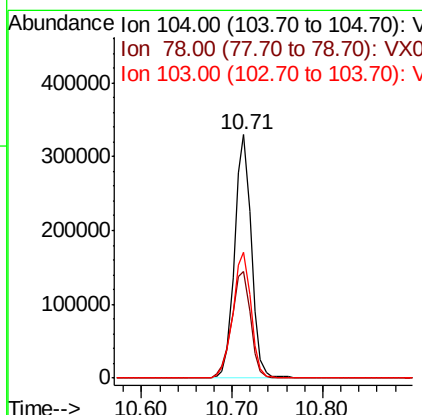
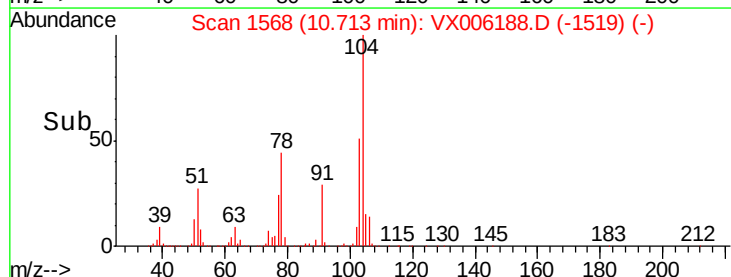
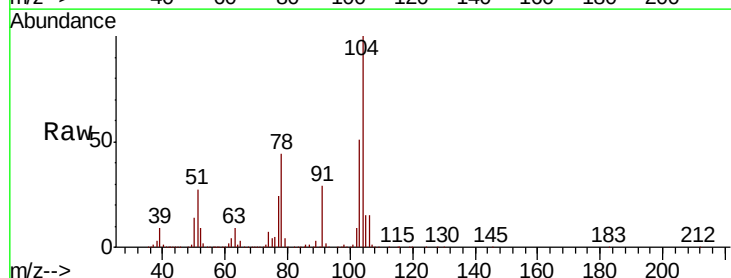
Instrument :
MSVOA_X
ClientSampleId :

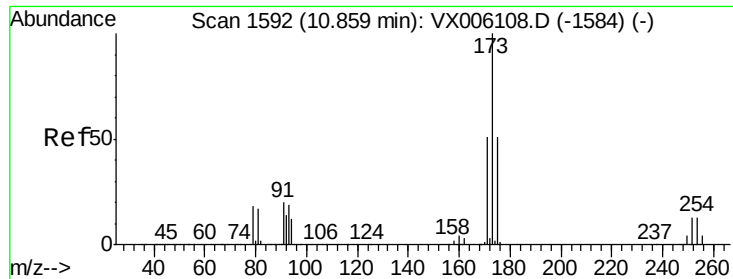
Tot Ion:106 Resp: 251993
Ion Ratio Lower Upper
106 100
91 215.9 107.4 322.2



#70
Styrene
Concen: 54.731 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion:104 Resp: 422194
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 56.3 44.6 67.0





#71

Bromoform

Concen: 54.106 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

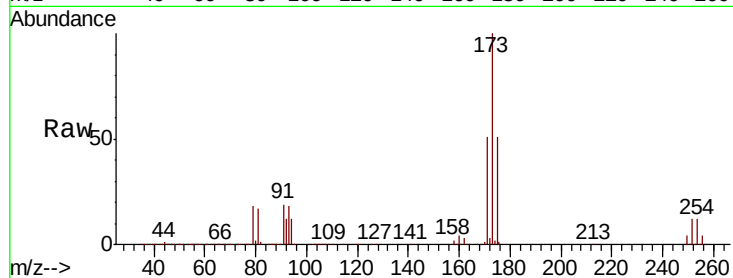
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:173 Resp: 129165

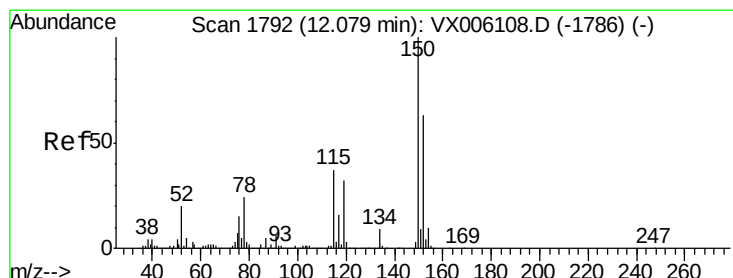
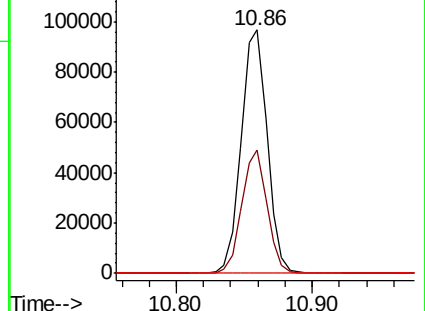
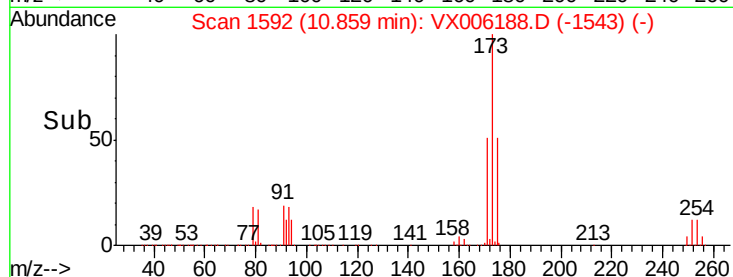
Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.9	74.6
254	0.2	0.2	0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

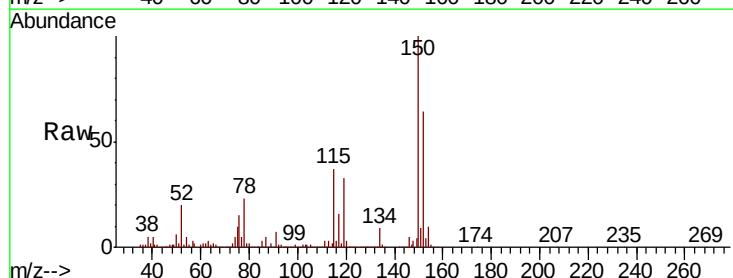
Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Tgt Ion:152 Resp: 214788

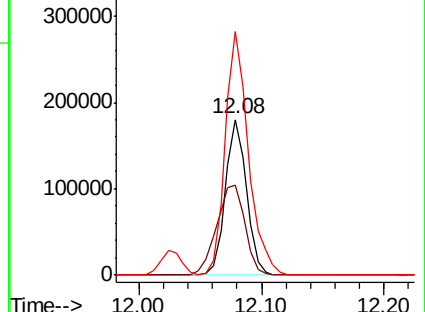
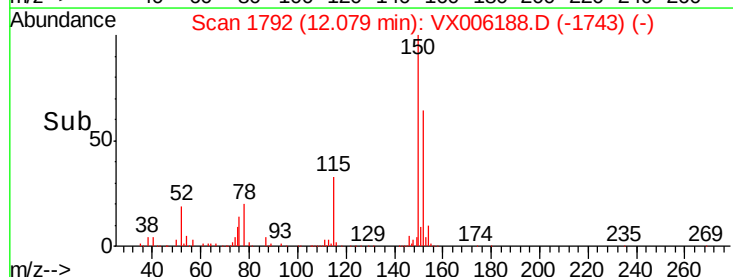
Ion	Ratio	Lower	Upper
152	100		
115	77.7	39.0	116.9
150	172.5	0.0	346.6

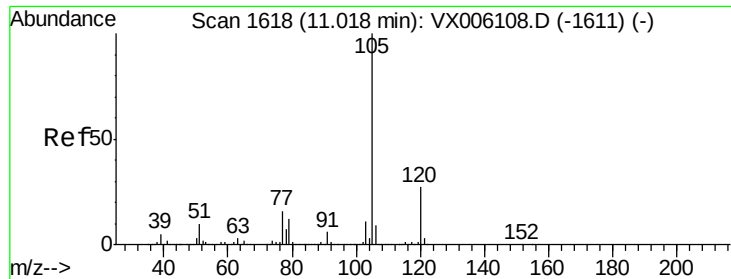


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

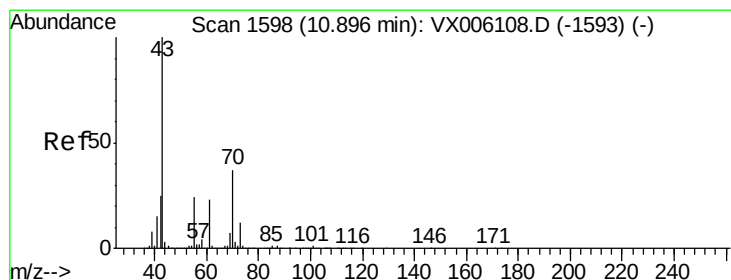
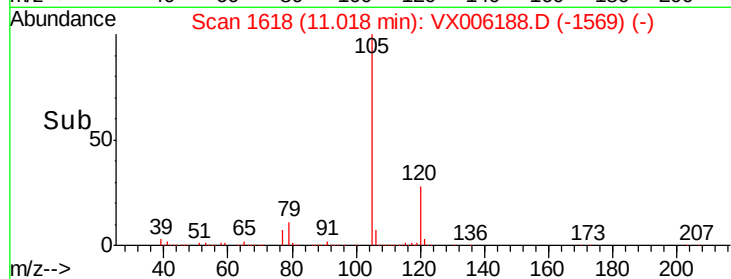
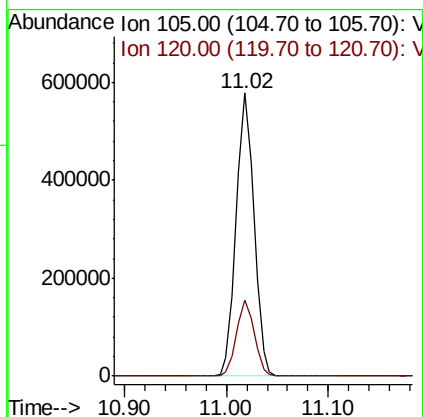
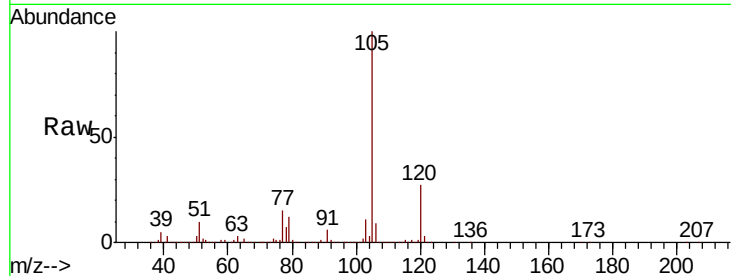




#73
Isopropylbenzene
Concen: 53.371 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

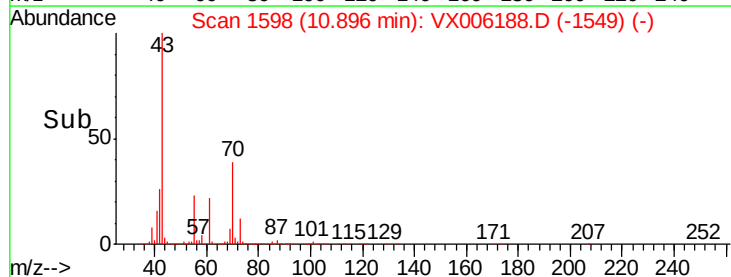
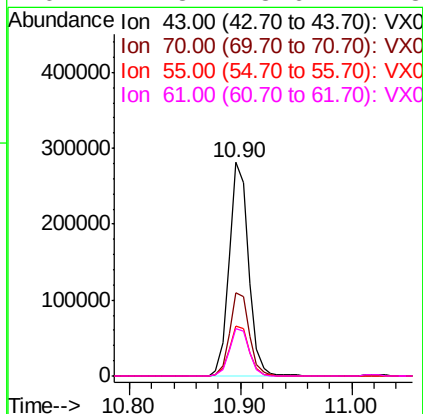
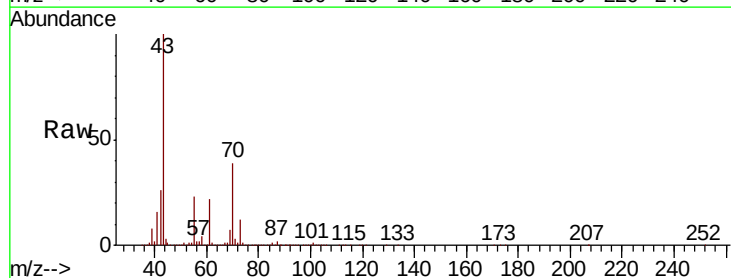
Instrument :
MSVOA_X
ClientSampleId :

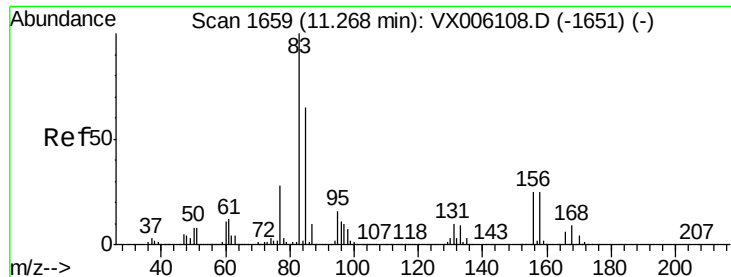
Tot Ion: 105 Resp: 693606
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.8



#74
N-ethyl acetate
Concen: 50.675 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion: 43 Resp: 335896
Ion Ratio Lower Upper
43 100
70 39.5 31.8 47.6
55 24.2 19.5 29.3
61 22.8 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.042 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

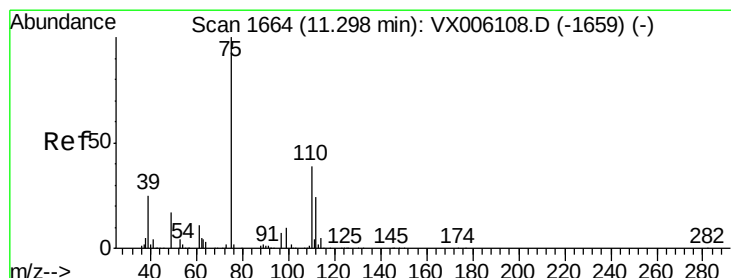
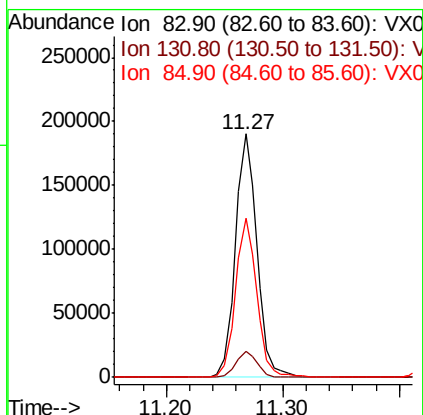
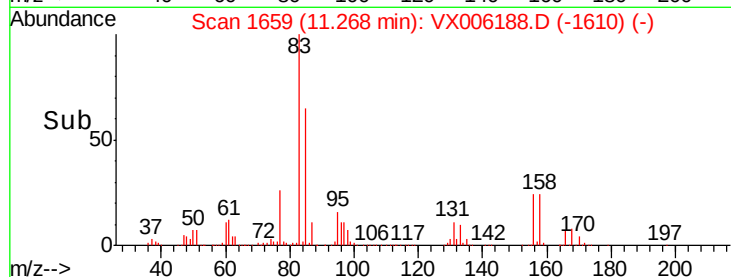
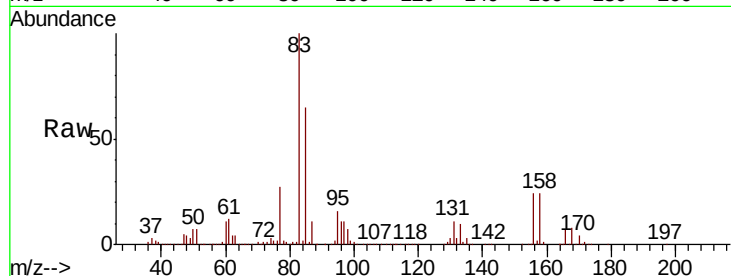
Tot Ion: 83 Resp: 245084

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 64.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 65.494 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006188.D

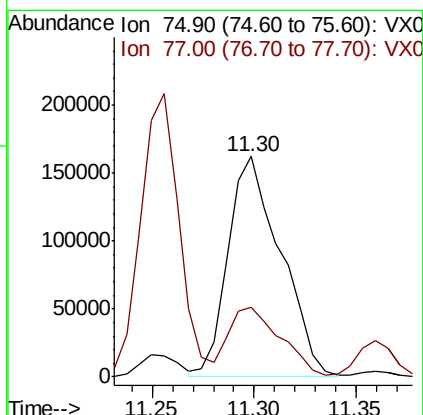
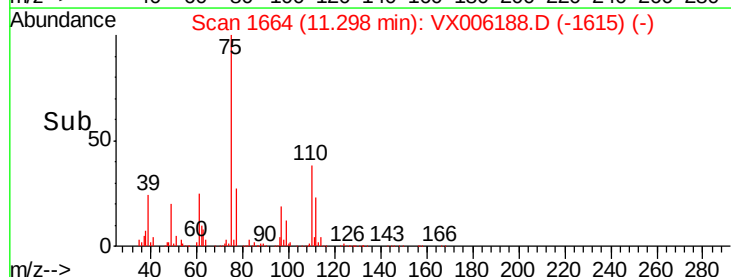
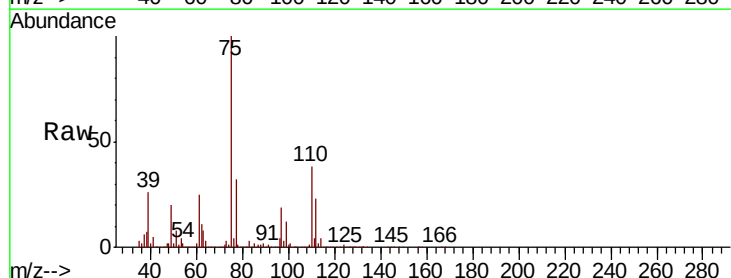
Acq: 26 Nov 2018 20:58

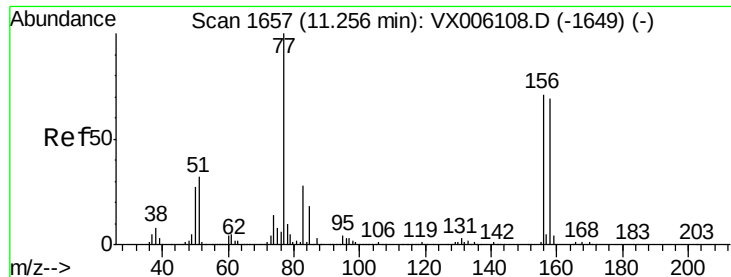
Tgt Ion: 75 Resp: 289618

Ion Ratio Lower Upper

75 100

77 31.1 19.6 58.7





#77

Bromobenzene

Concen: 50.206 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

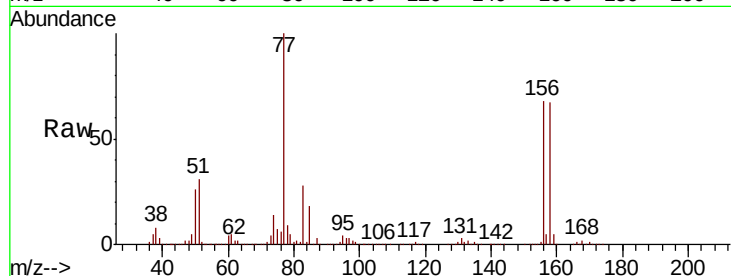
Tot Ion:156 Resp: 182780

Ion Ratio Lower Upper

156 100

77 149.1 74.3 222.8

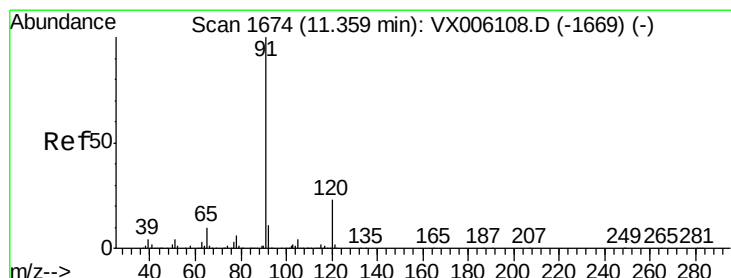
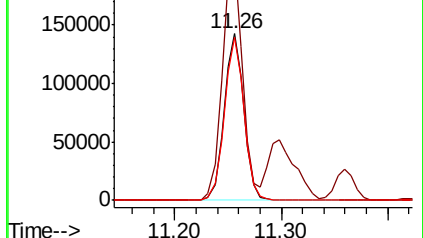
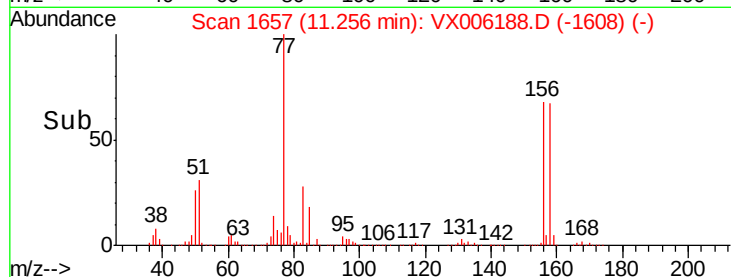
158 97.9 49.0 147.0



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: 53.262 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006188.D

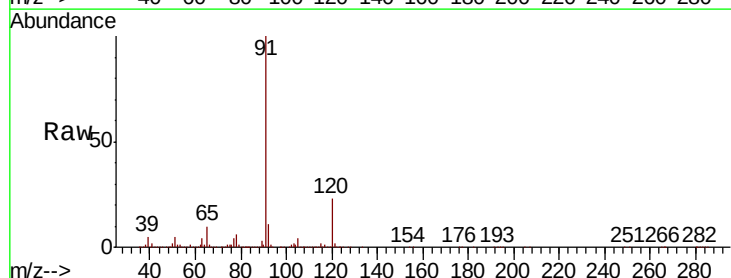
Acq: 26 Nov 2018 20:58

Tgt Ion: 91 Resp: 806101

Ion Ratio Lower Upper

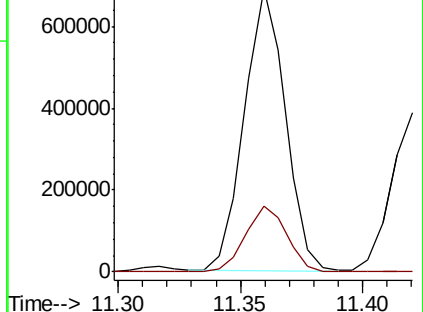
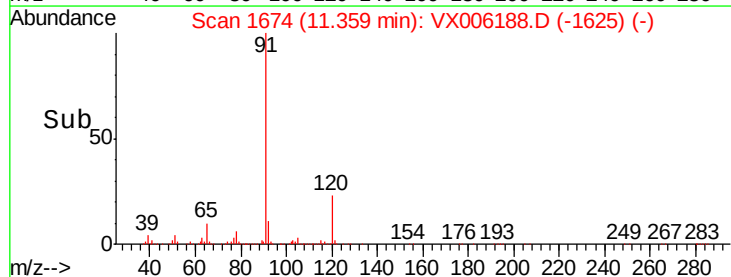
91 100

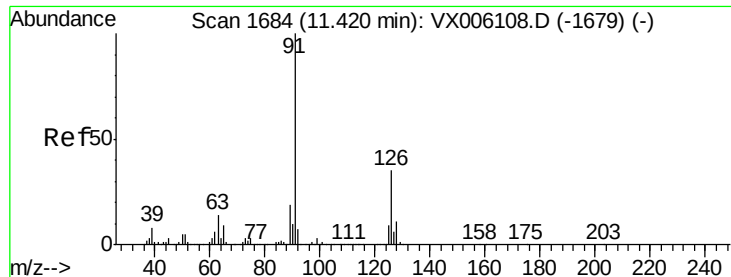
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

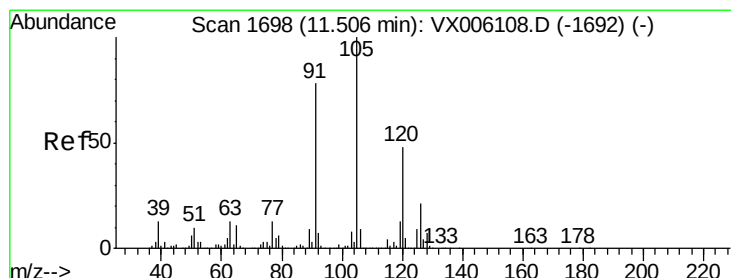
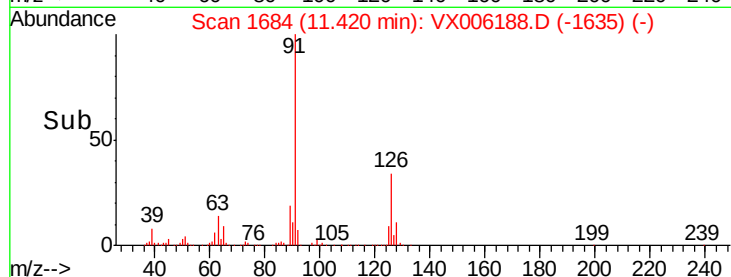
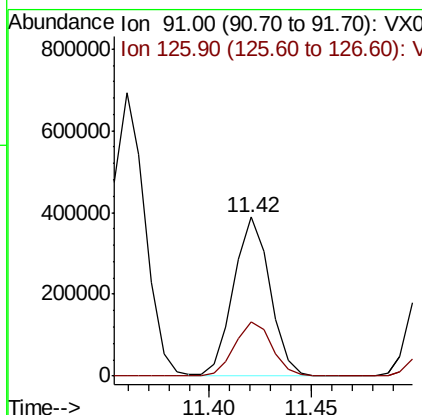
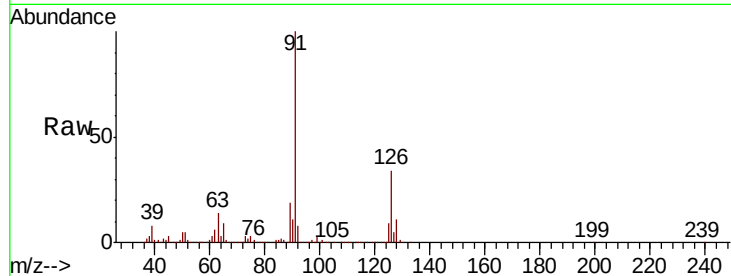




#79
 2-Chlorotoluene
 Concen: 52.173 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

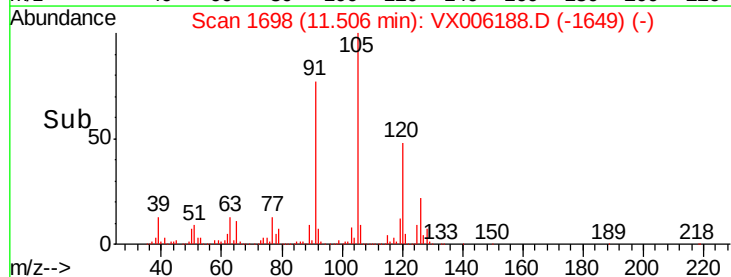
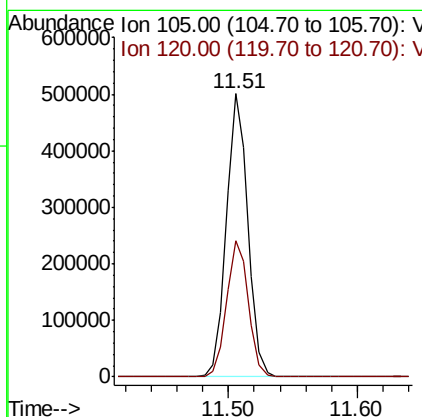
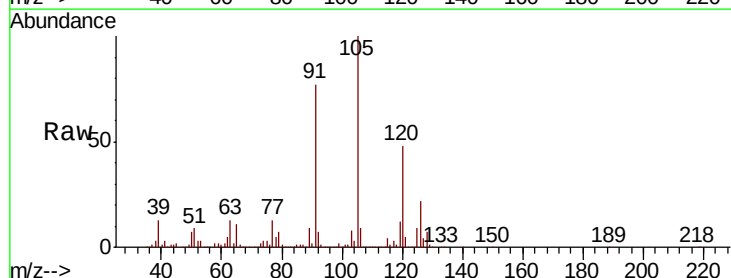
Instrument :
 MSVOA_X
 ClientSampled :

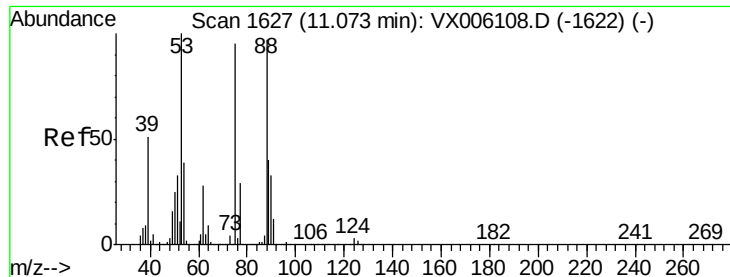
Tot Ion: 91 Resp: 477707
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 53.673 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Tgt Ion: 105 Resp: 588101
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.645 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampled :

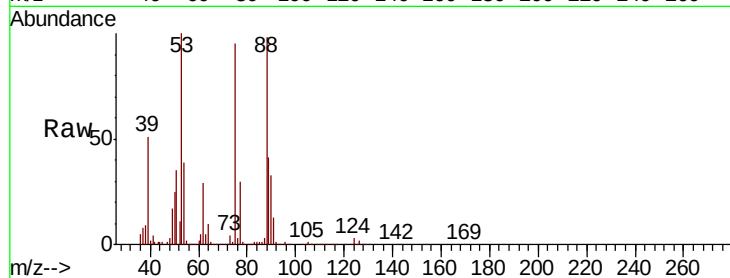
Tot Ion: 75 Resp: 71444

Ion Ratio Lower Upper

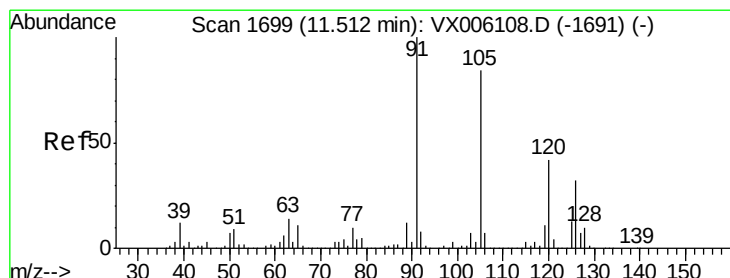
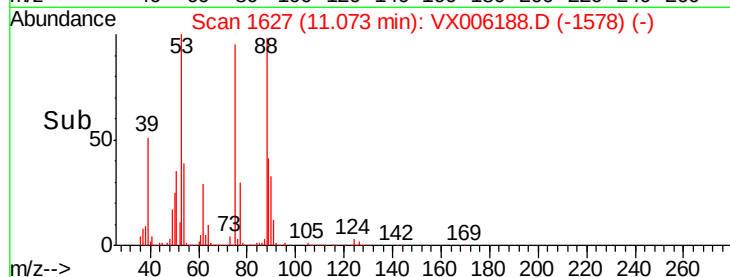
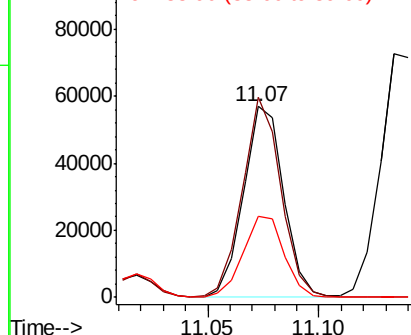
75 100

53 100.3 85.3 127.9

89 44.1 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: 52.794 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006188.D

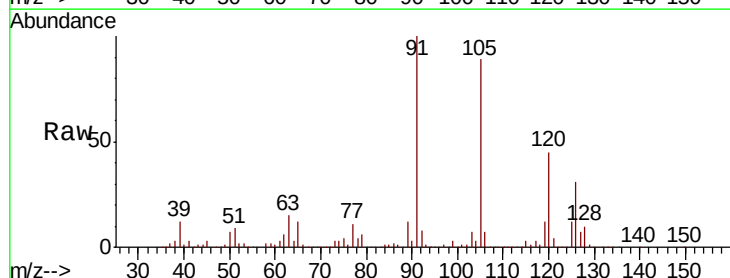
Acq: 26 Nov 2018 20:58

Tgt Ion: 91 Resp: 564123

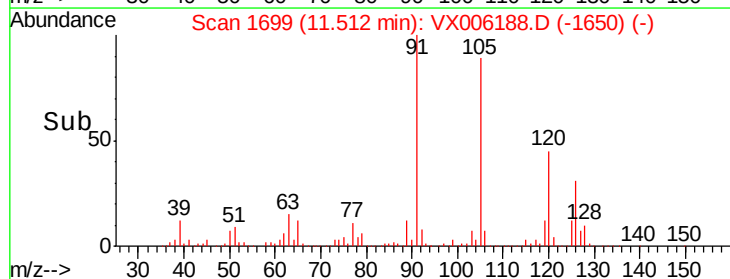
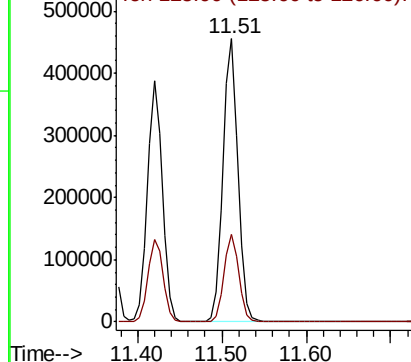
Ion Ratio Lower Upper

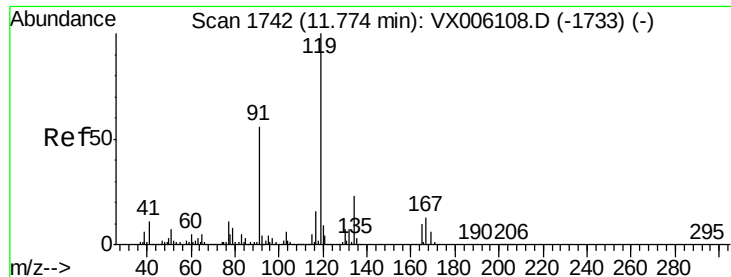
91 100

126 30.7 15.3 45.9



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

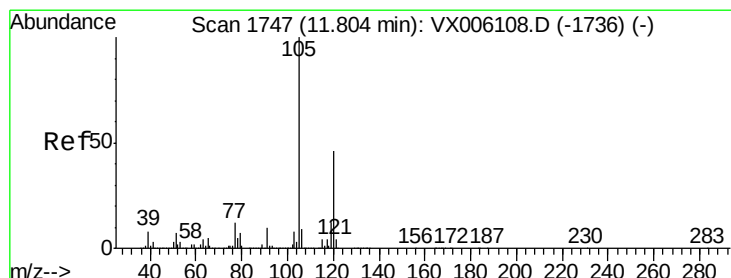
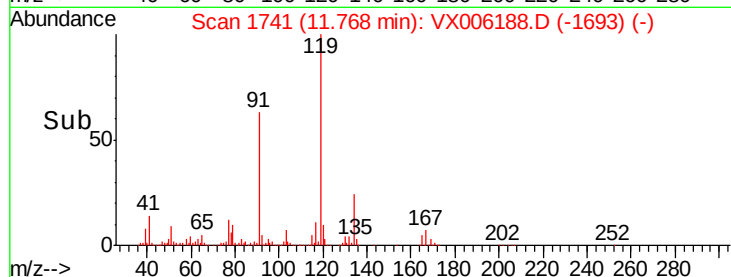
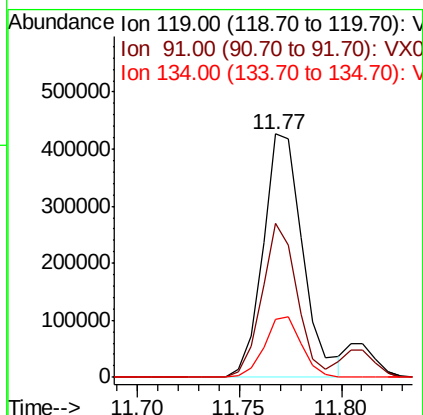
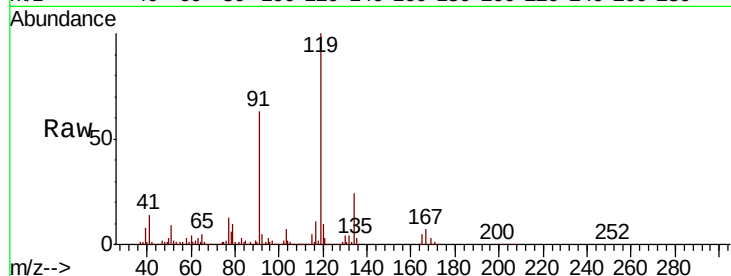




#83
 tert-Butylbenzene
 Concen: 54.054 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

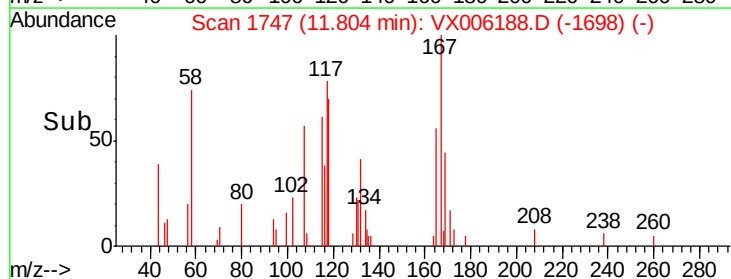
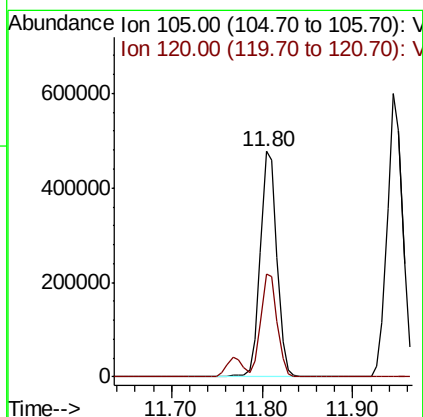
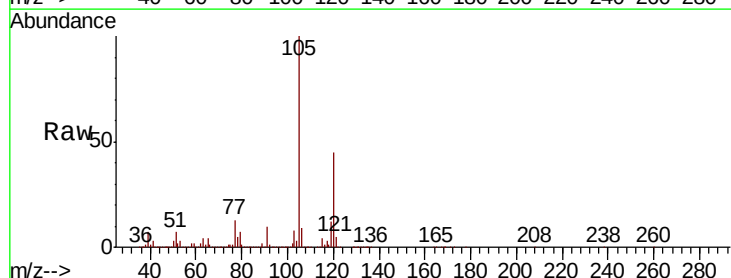
Instrument :
 MSVOA_X
 ClientSampled :

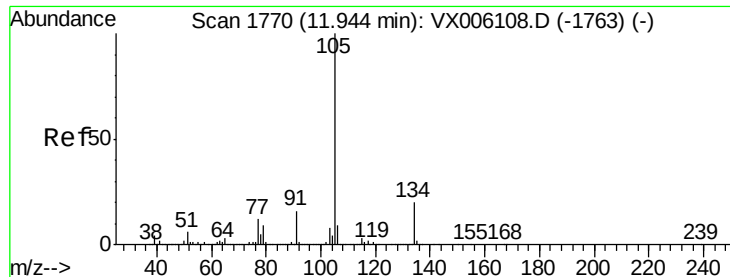
Tot Ion:119 Resp: 578204
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.2 84.6
 134 23.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.188 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Tgt Ion:105 Resp: 605643
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.0





#85

sec-Butylbenzene

Concen: 53.953 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

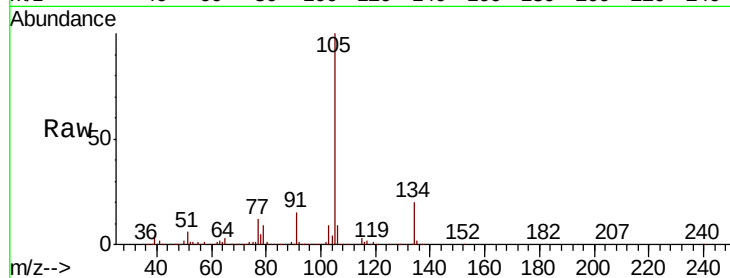
ClientSampleId :

Tot Ion:105 Resp: 705920

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

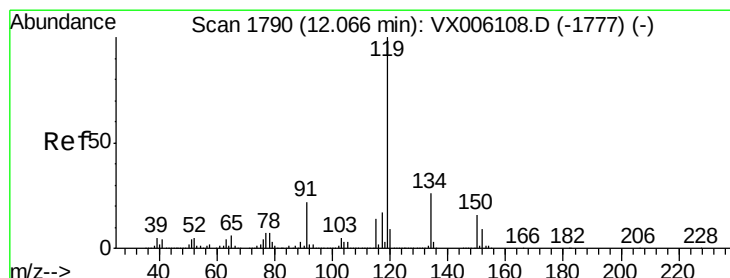
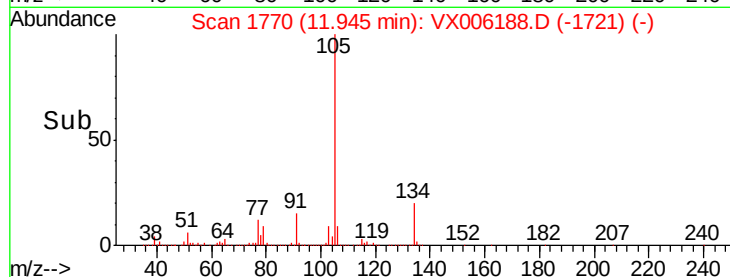
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.242 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

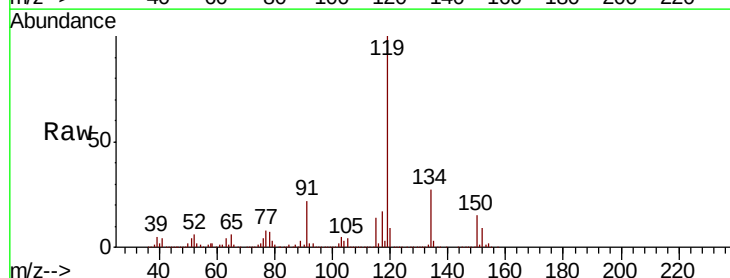
Tgt Ion:119 Resp: 632759

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 22.9 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

12.07

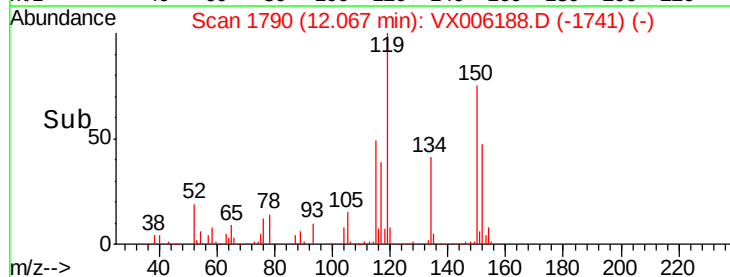
600000

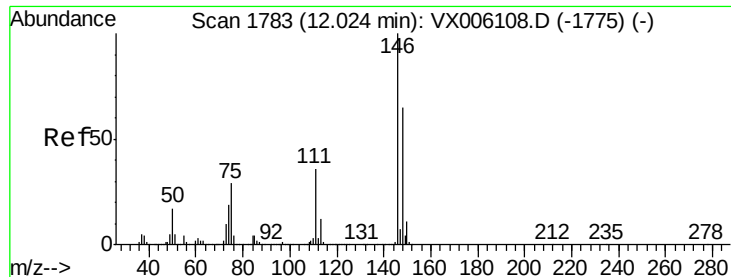
400000

200000

0

Time-->

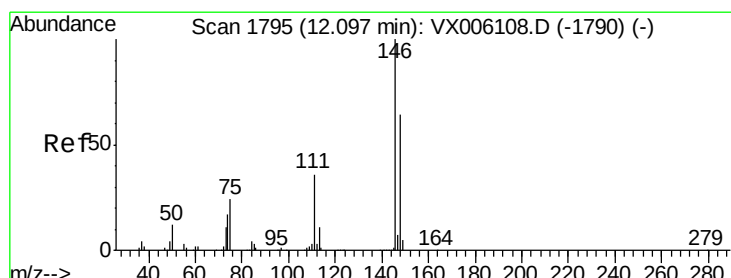
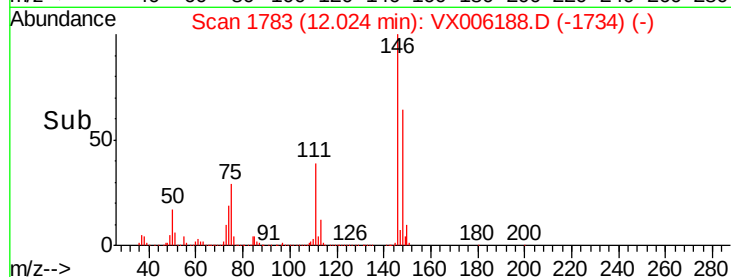
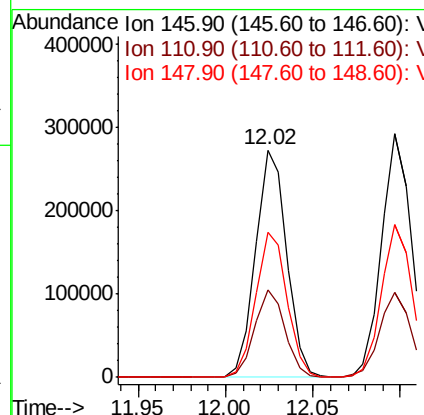
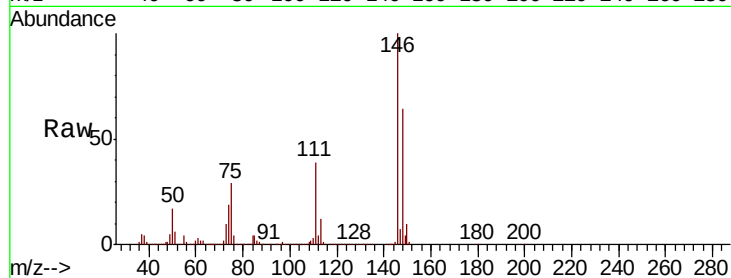




#87
 1,3-Dichlorobenzene
 Concen: 50.278 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

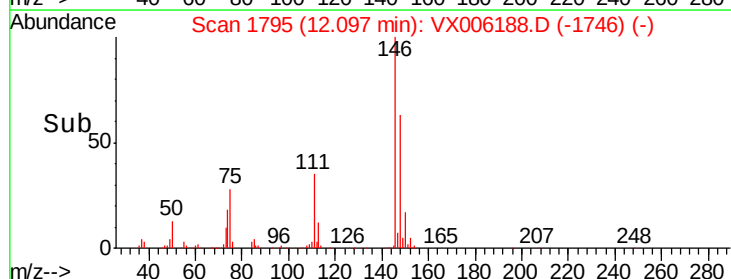
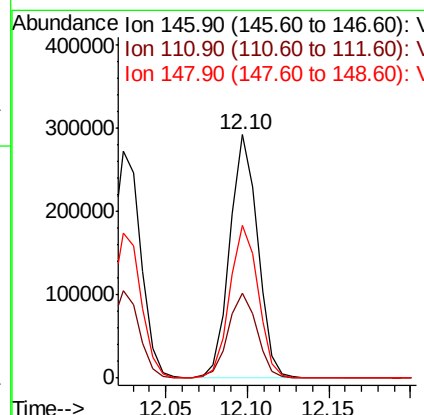
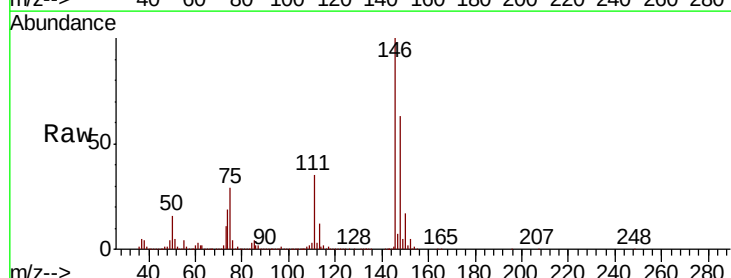
Instrument :
 MSVOA_X
 ClientSampleId :

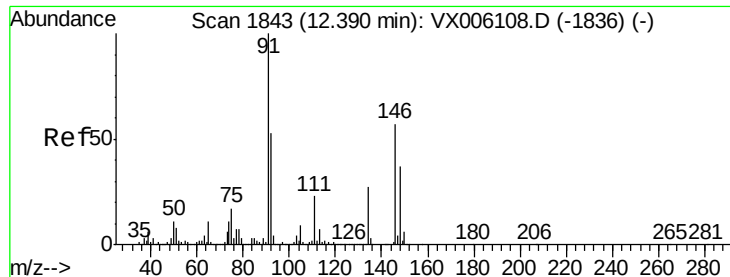
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.8	56.3
148	64.0	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.876 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.3	54.9
148	63.8	32.2	96.6

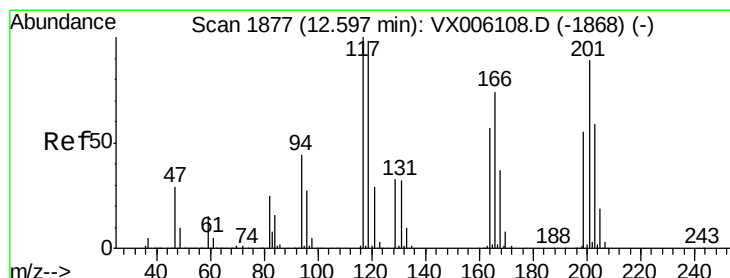
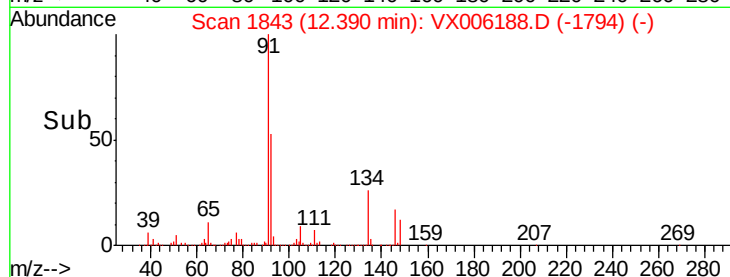
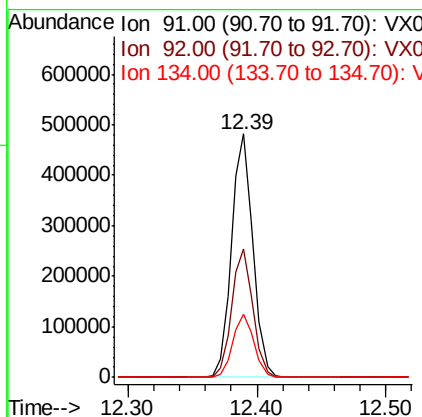
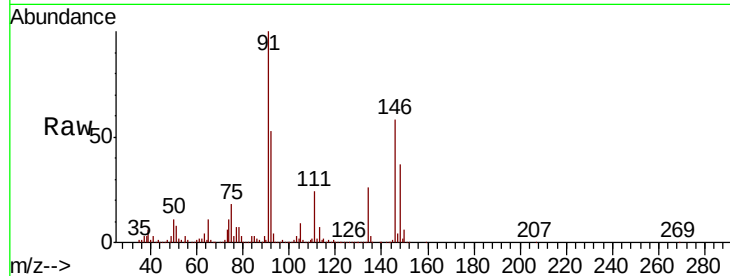




#89
n-Butylbenzene
Concen: 52.827 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

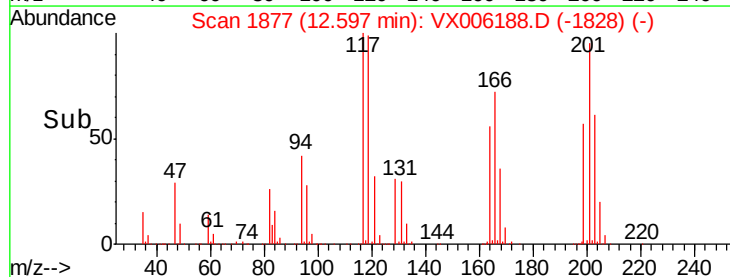
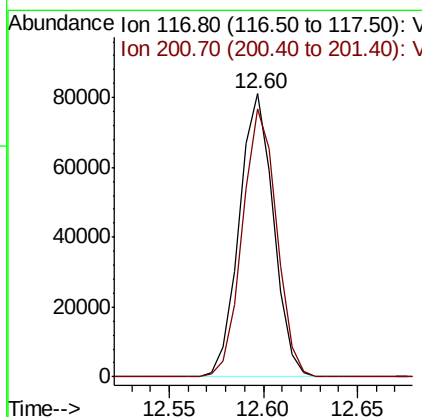
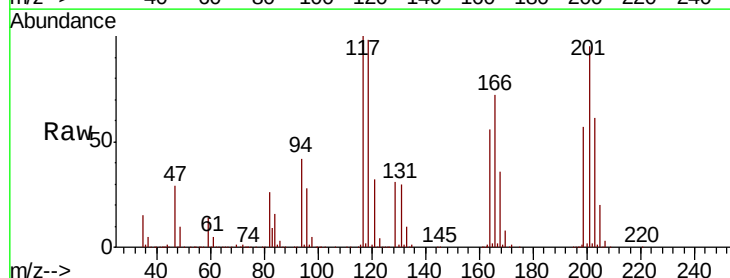
Instrument :
MSVOA_X
ClientSampleId :

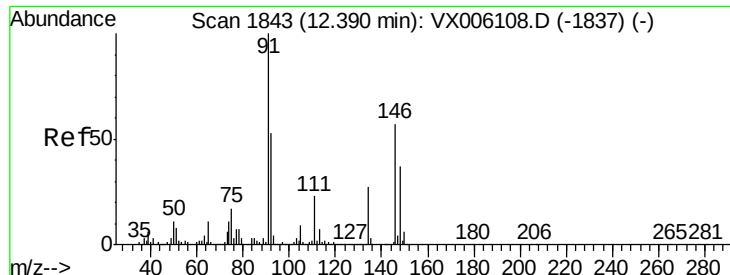
Tot Ion: 91 Resp: 557948
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 25.9 13.1 39.3



#90
Hexachloroethane
Concen: 54.994 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Tgt Ion: 117 Resp: 102374
Ion Ratio Lower Upper
117 100
201 94.6 46.1 138.2

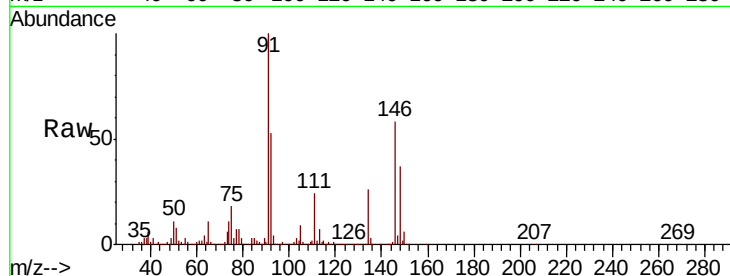




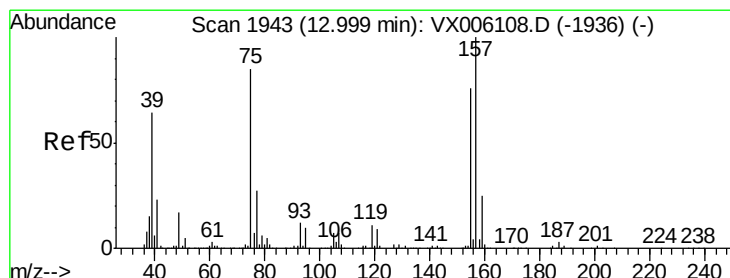
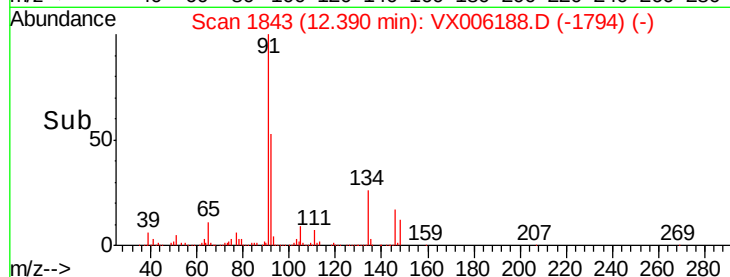
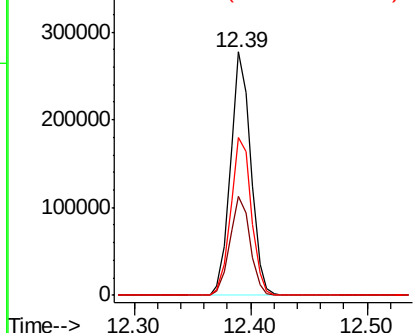
#91
 1,2-Dichlorobenzene
 Concen: 48.951 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.8
148	66.1	32.0	96.0

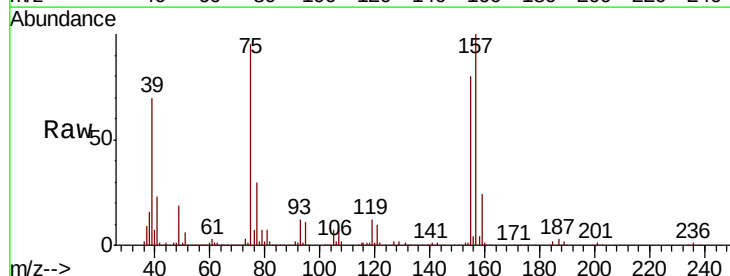


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

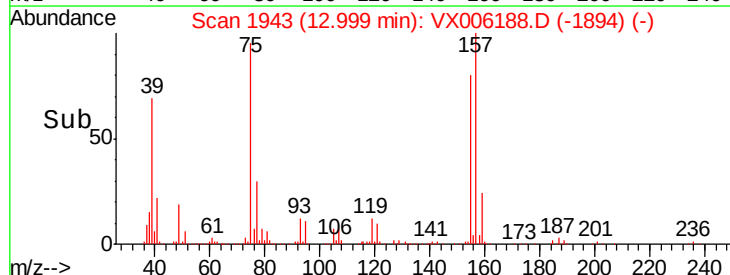
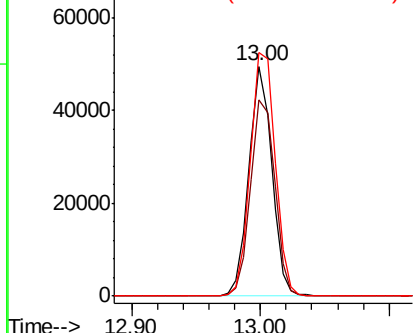


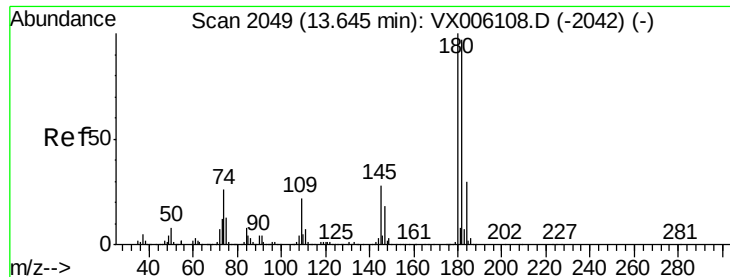
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.242 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	46.1	138.3
157	114.5	59.8	179.3



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

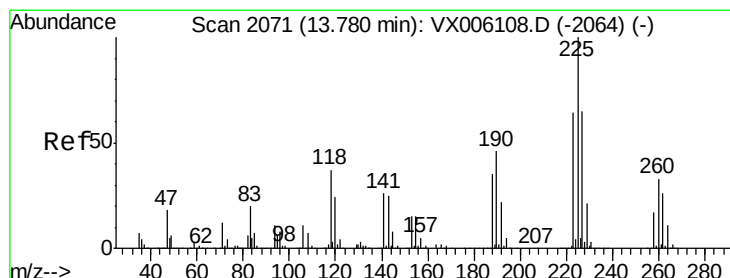
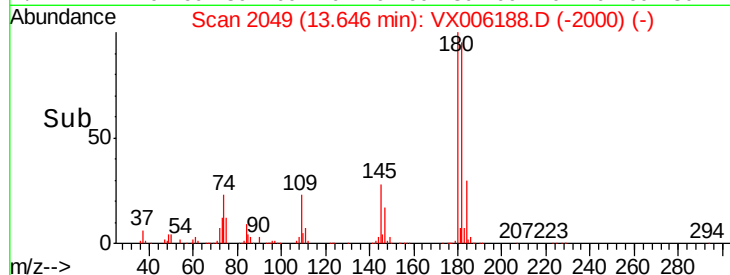
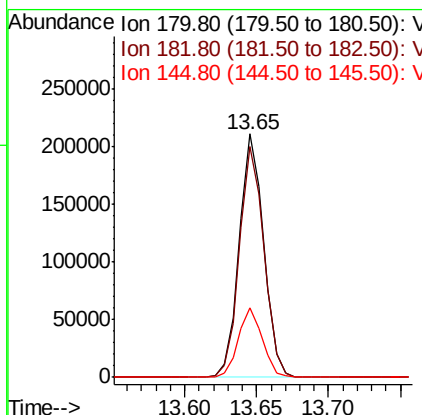
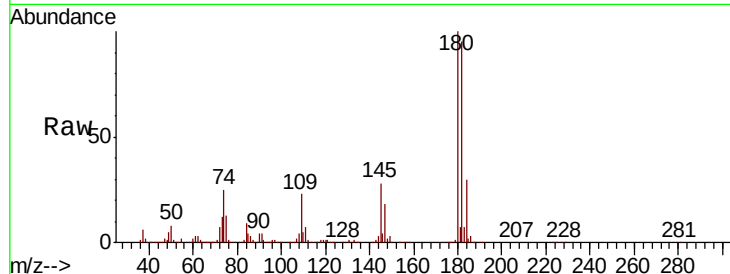




#93
 1,2,4-Trichlorobenzene
 Concen: 51.442 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

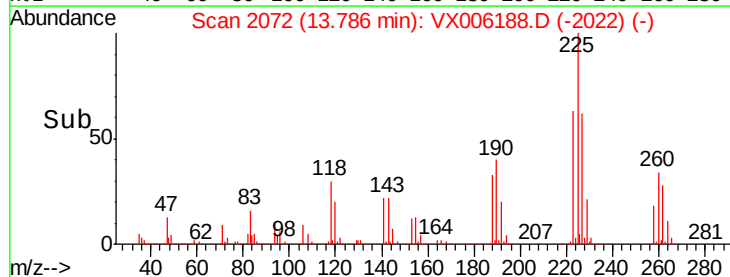
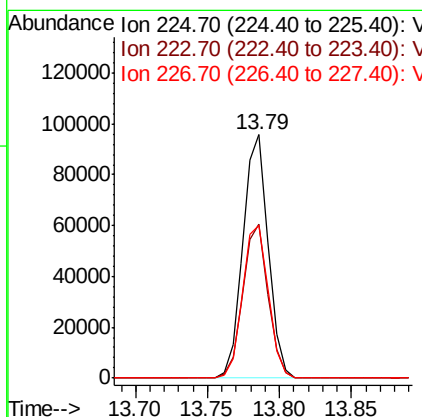
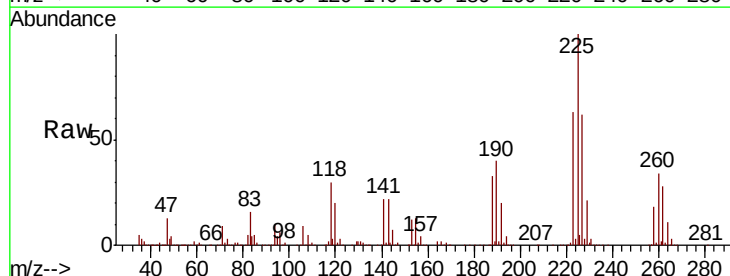
Instrument :
 MSVOA_X
 ClientSampled :

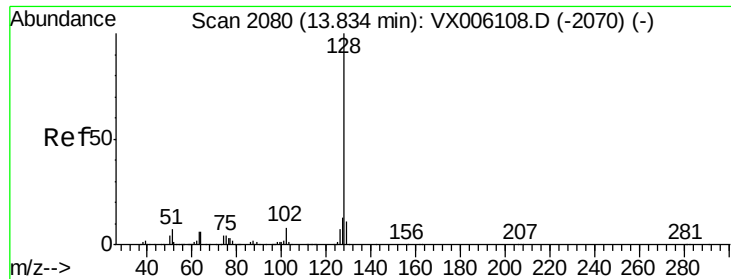
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.2	144.6
145	28.2	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 49.188 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.2	93.6
227	64.0	32.4	97.2





#95

Naphthalene

Concen: 55.174 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

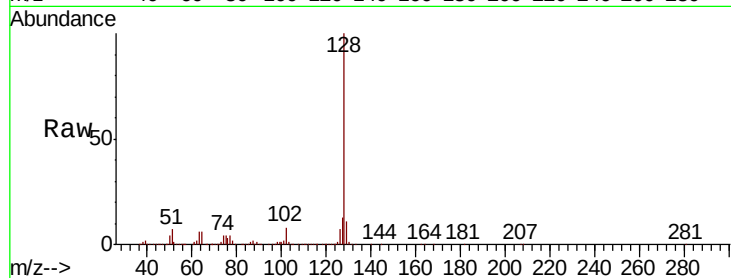
Tot Ion:128 Resp: 784351

Ion Ratio Lower Upper

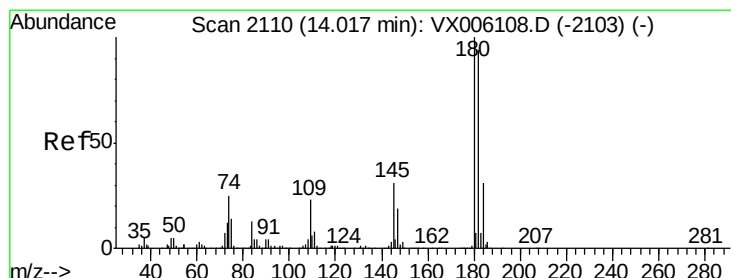
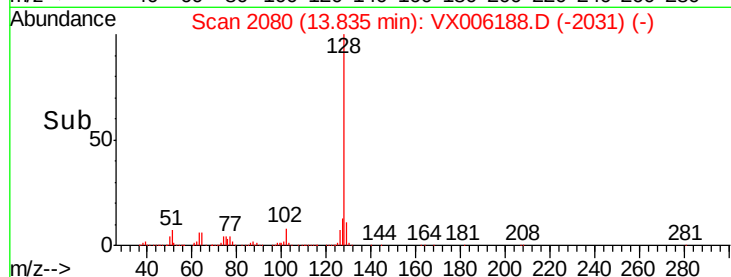
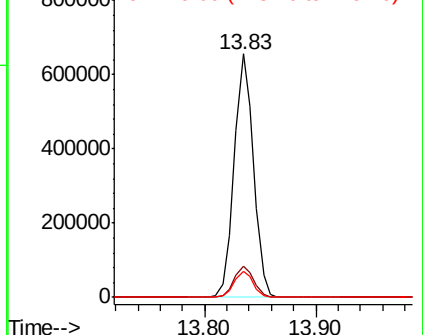
128 100

127 13.0 10.6 15.8

129 10.8 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: 51.656 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006188.D

Acq: 26 Nov 2018 20:58

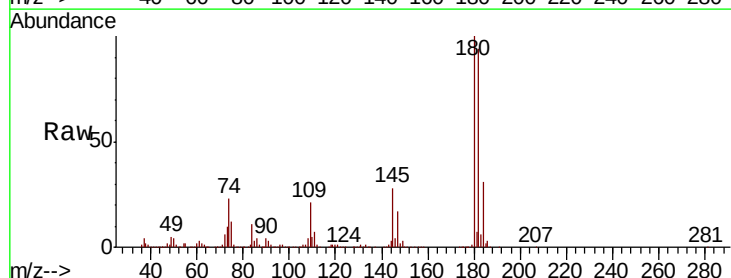
Tgt Ion:180 Resp: 254596

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

145 29.6 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

