

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 :
 VSTDCCC050EC

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 Title : SW846 8260
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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

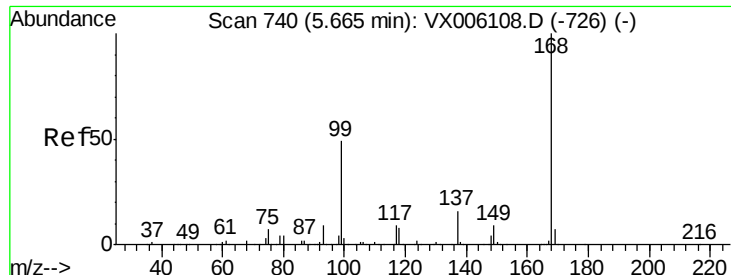
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

ClientSampleId :

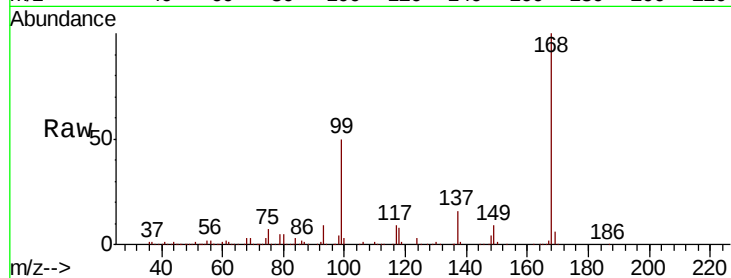
VSTDCCC050EC

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

5.67

100000

80000

60000

40000

20000

0

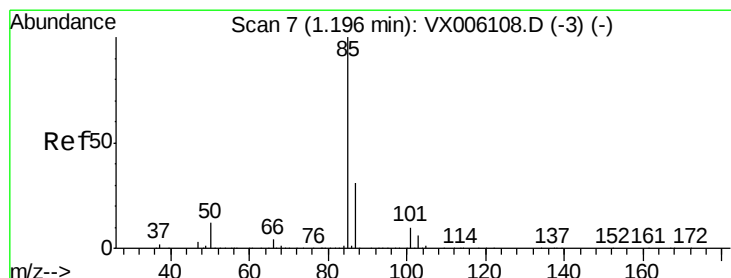
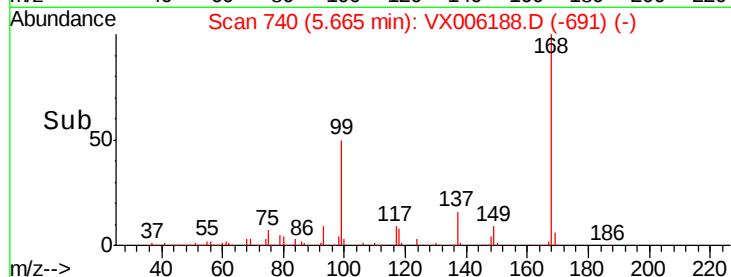
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.986 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006188.D

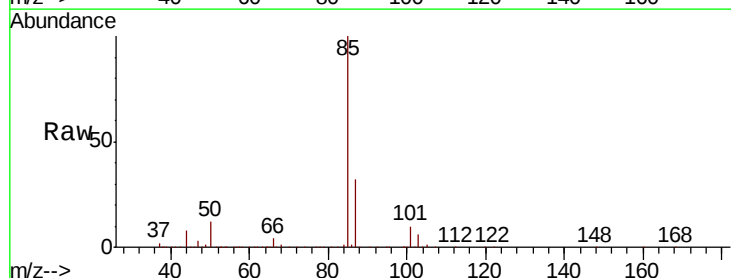
Acq: 26 Nov 2018 20:58

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

1.20

120000

100000

80000

60000

40000

20000

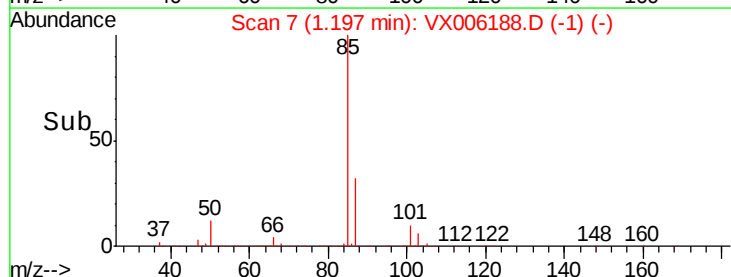
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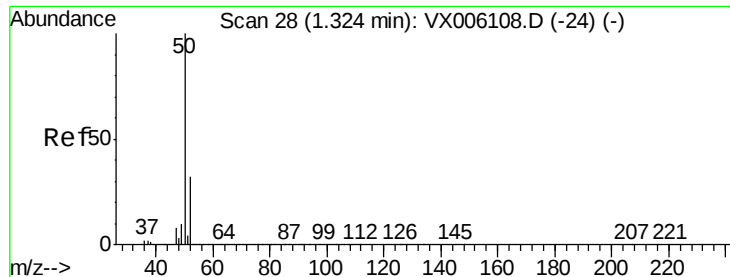
1.15

1.20

1.25

Time-->





#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 :

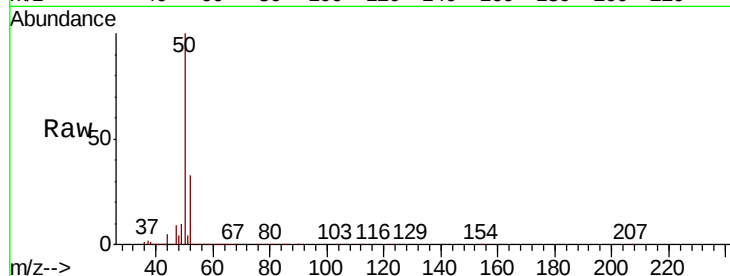
VSTDCCC050EC

Tot Ion: 50 Resp: 122090

Ion Ratio Lower Upper

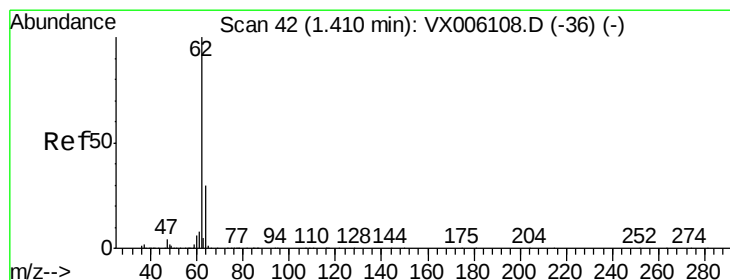
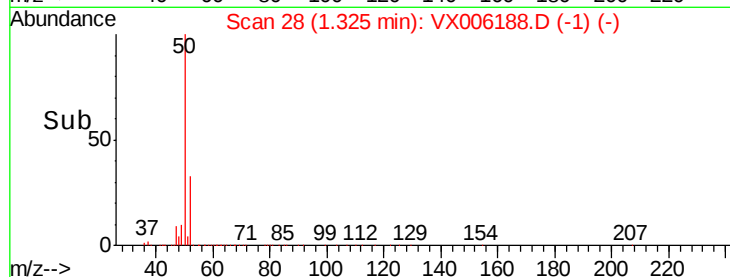
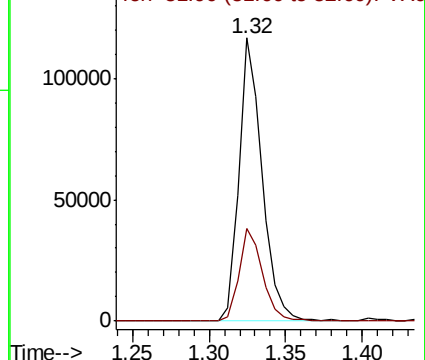
50 100

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

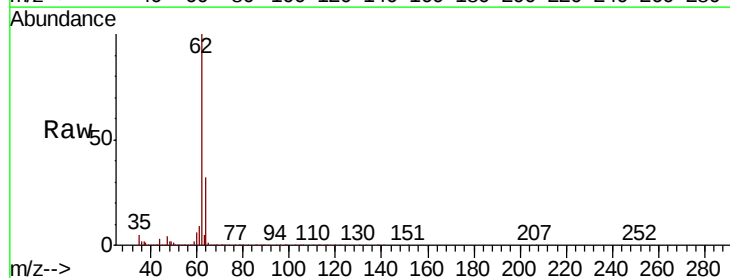
Acq: 26 Nov 2018 20:58

Tgt Ion: 62 Resp: 128092

Ion Ratio Lower Upper

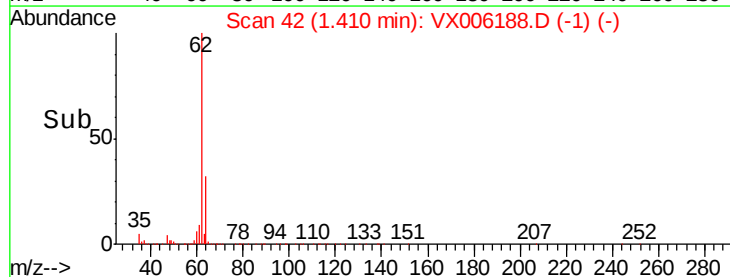
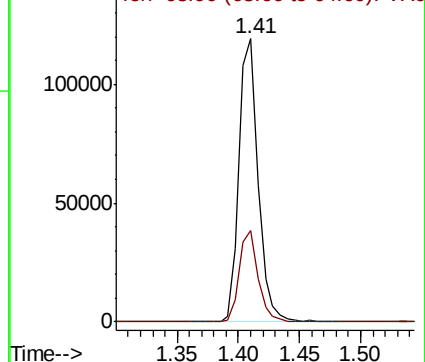
62 100

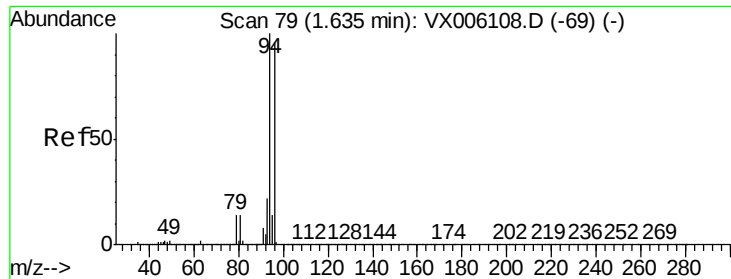
64 32.0 24.2 36.4



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

ClientSampleId :

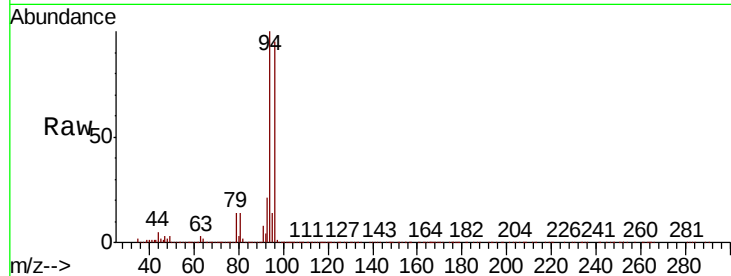
VSTDCCC050EC

Tot Ion: 94 Resp: 91155

Ion Ratio Lower Upper

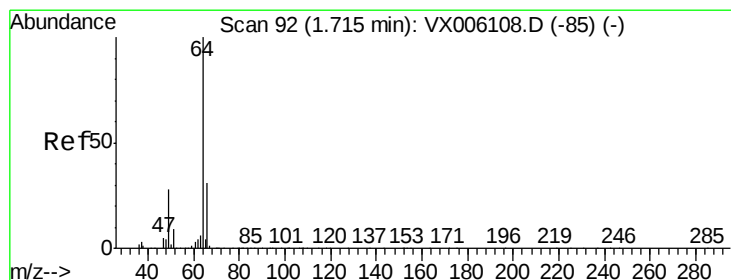
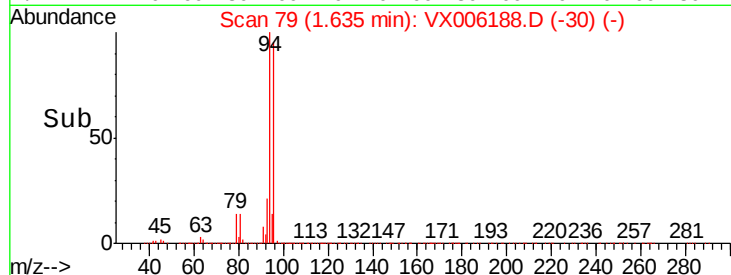
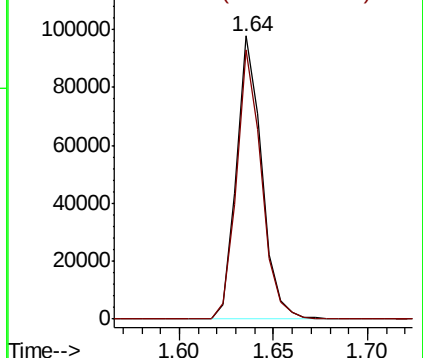
94 100

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



#6

Chloroethane

Concen: 59.047 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006188.D

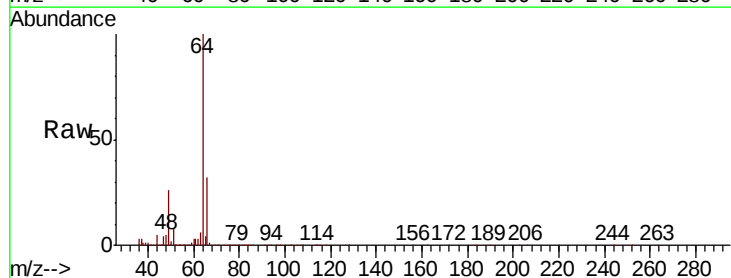
Acq: 26 Nov 2018 20:58

Tgt Ion: 64 Resp: 72442

Ion Ratio Lower Upper

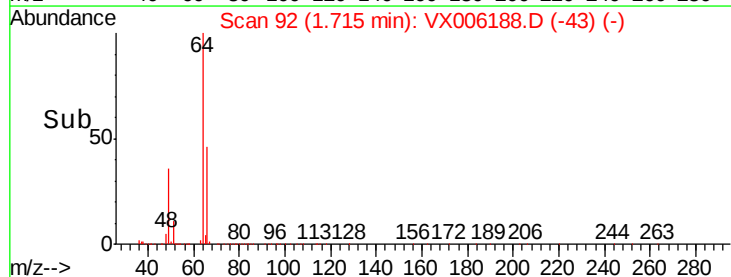
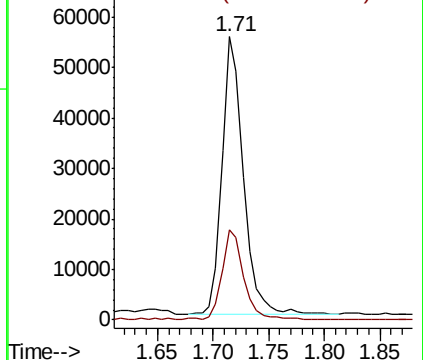
64 100

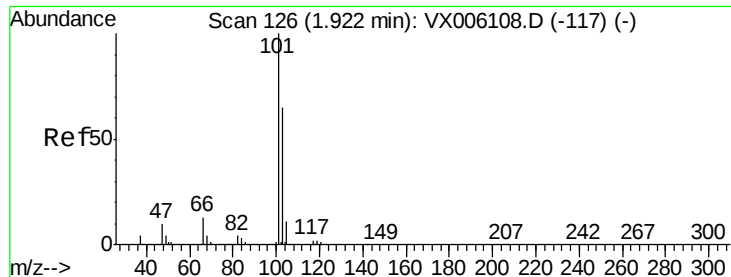
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



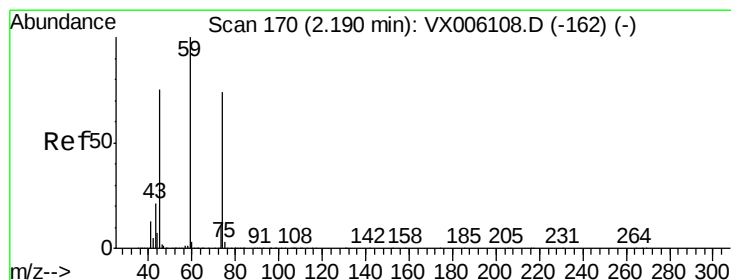
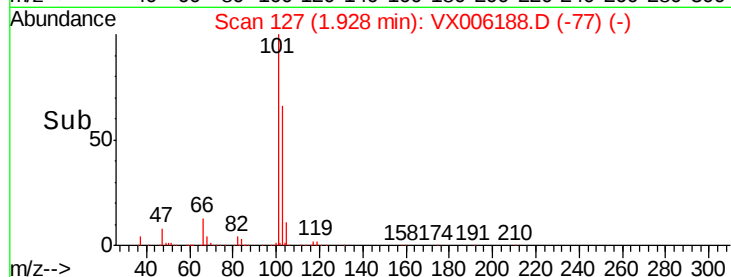
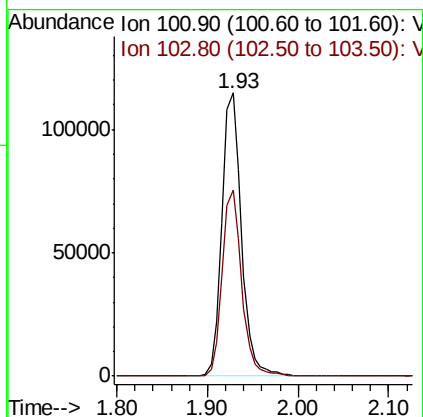
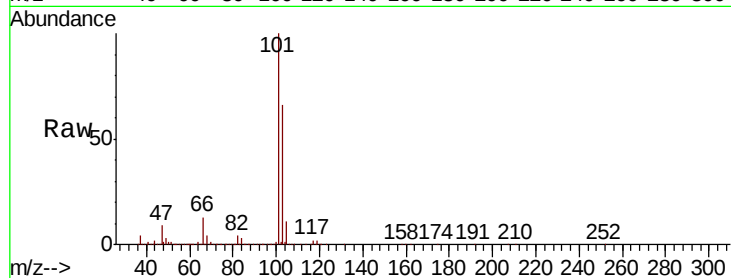


#7

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 :
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VSTDCCC050EC

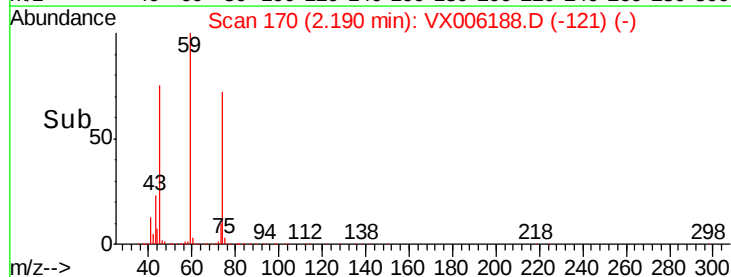
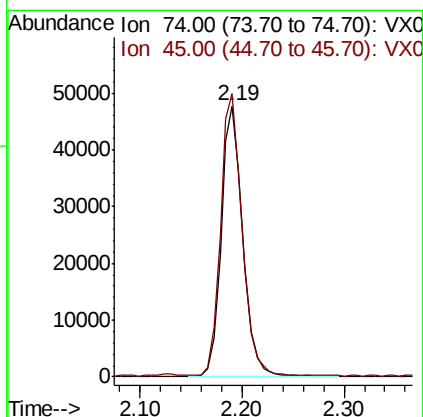
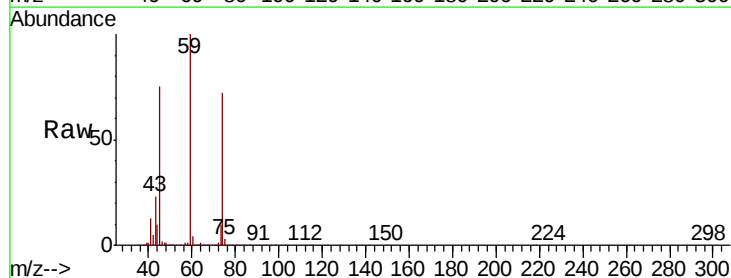
Tot Ion:101 Resp: 173073
Ion Ratio Lower Upper
101 100
103 65.8 52.1 78.1

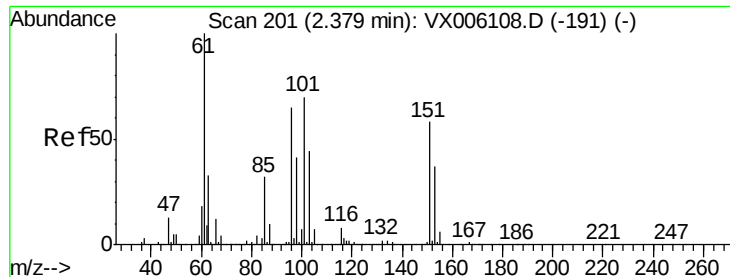


#8

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 :

VSTDCCC050EC

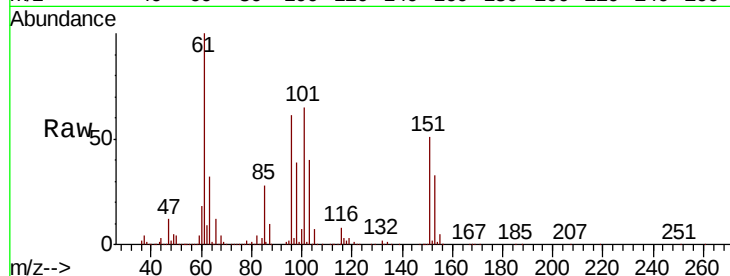
Tot Ion:101 Resp: 99836

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

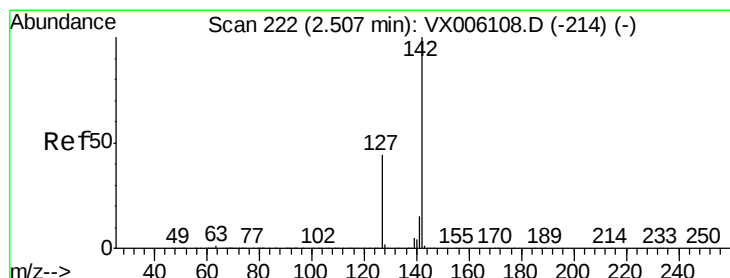
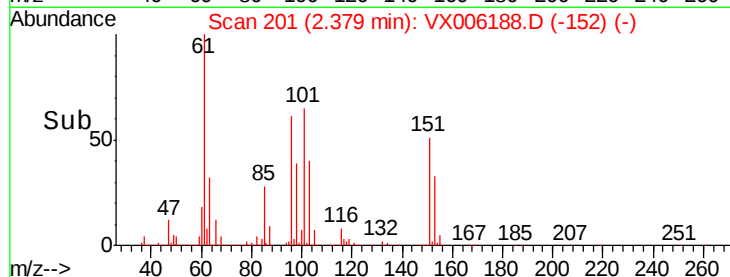
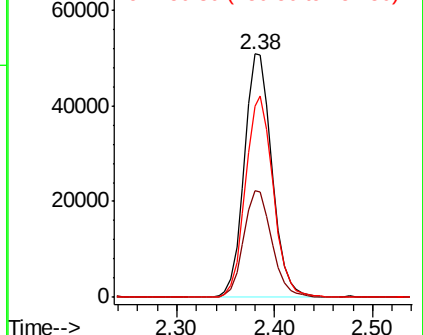
151 82.8 65.8 98.6



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

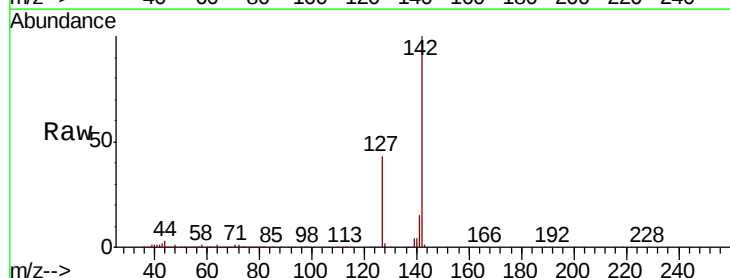
Tgt Ion:142 Resp: 116509

Ion Ratio Lower Upper

142 100

127 45.2 36.0 54.0

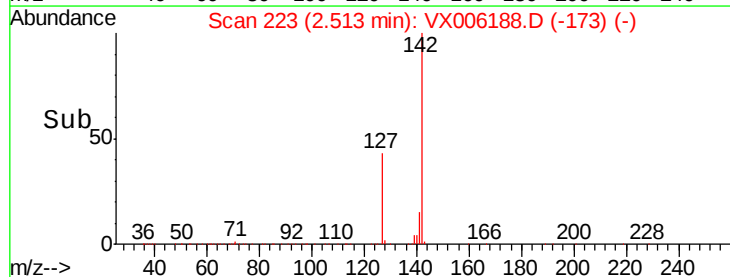
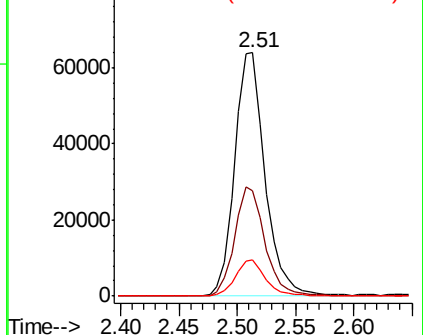
141 14.8 11.7 17.5

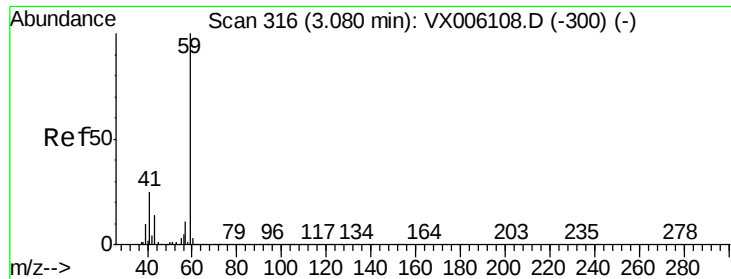


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



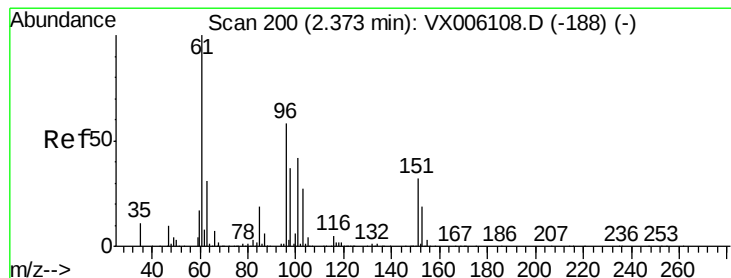
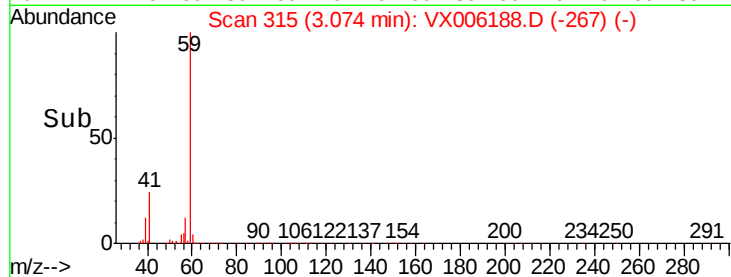
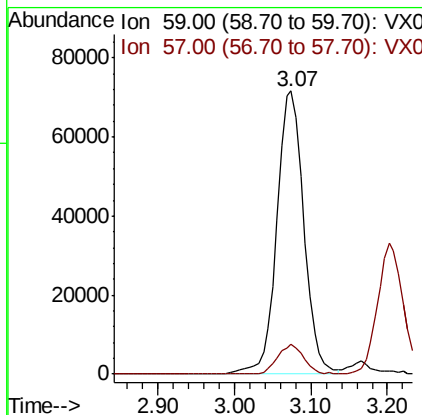
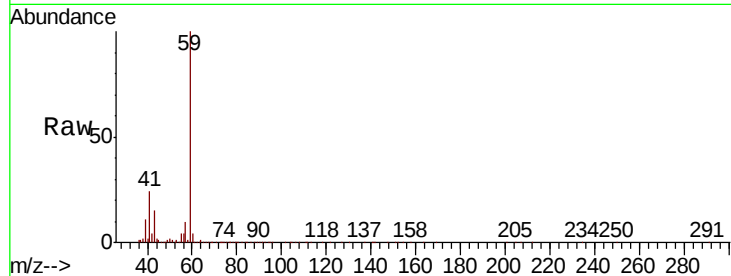


#11

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 :
 VSTDCCC050EC

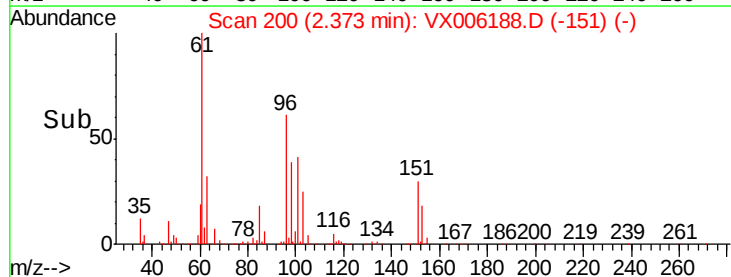
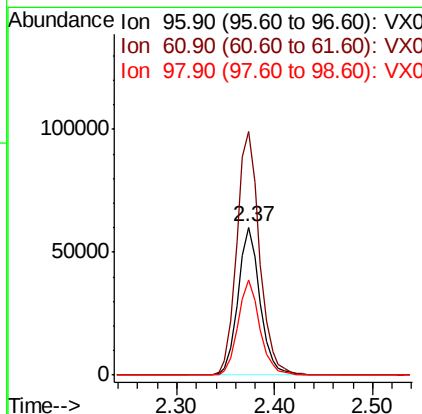
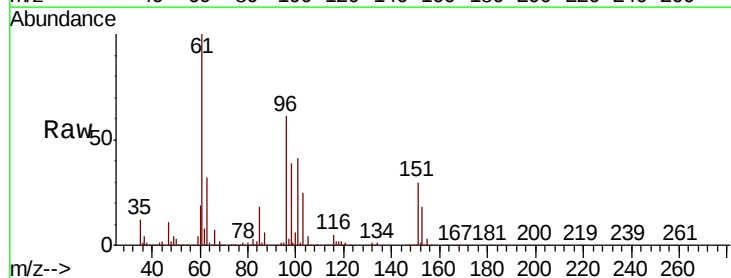
Tot Ion: 59 Resp: 175094
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.7 13.1

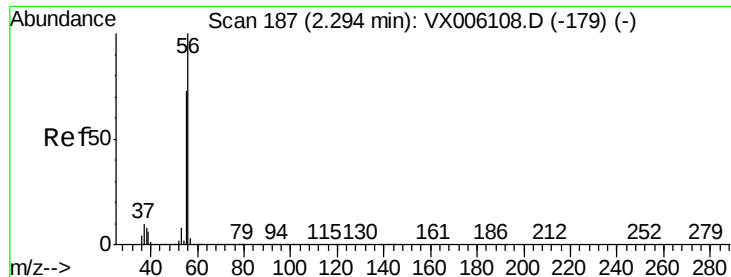


#12

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

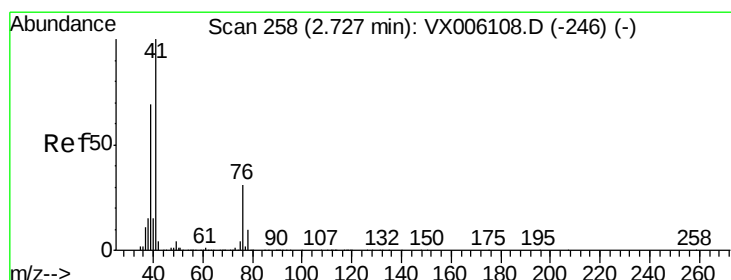
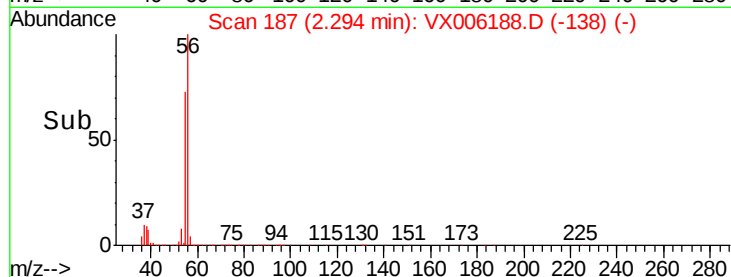
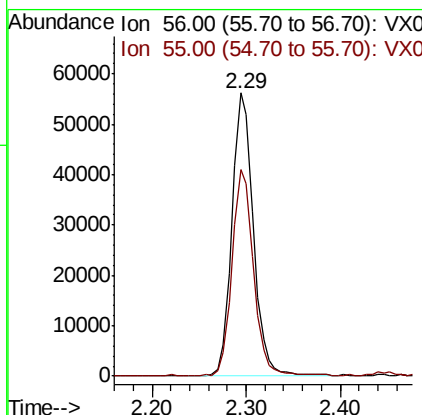
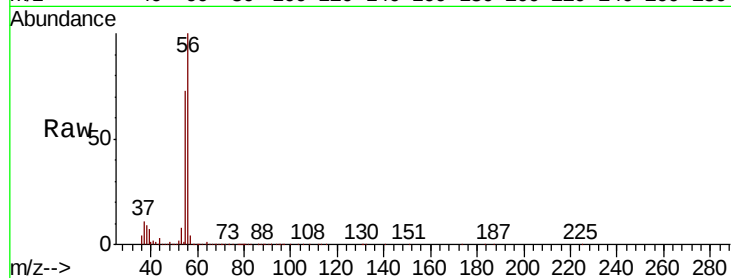




#13
Acrolein
Concen: 219.216 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

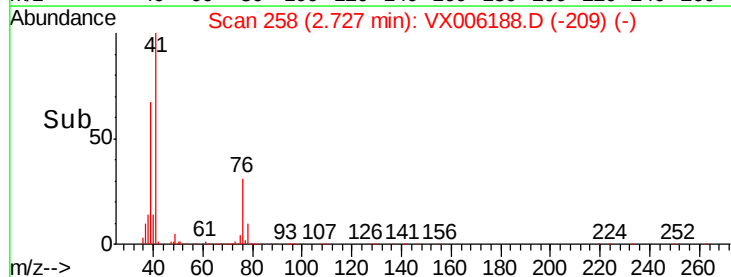
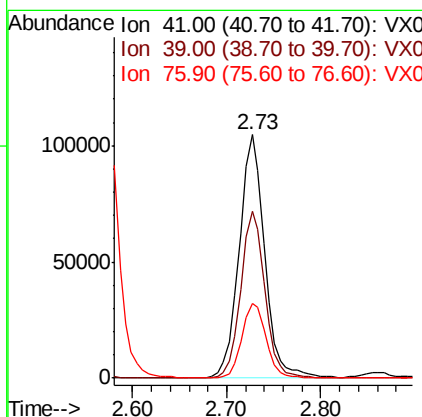
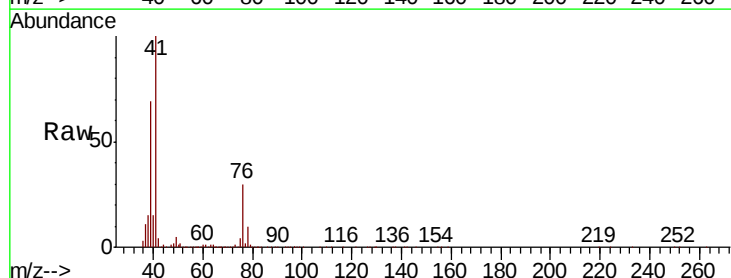
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

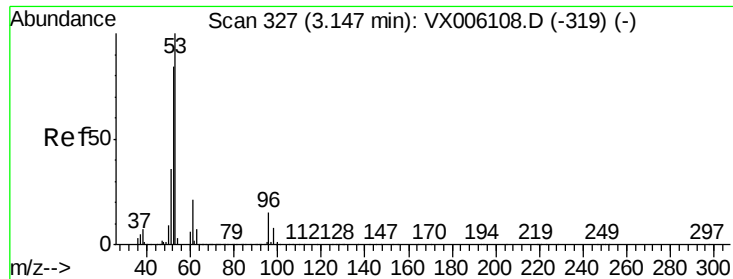
Tot Ion: 56 Resp: 88239
Ion Ratio Lower Upper
56 100
55 72.8 57.8 86.6



#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

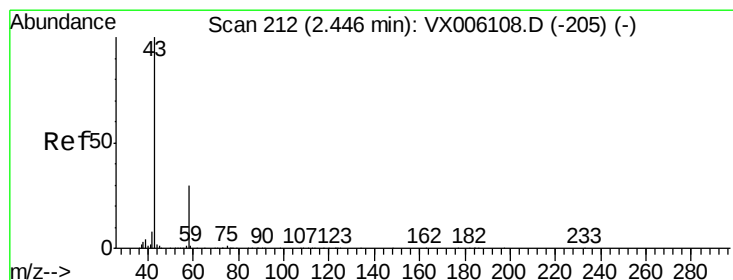
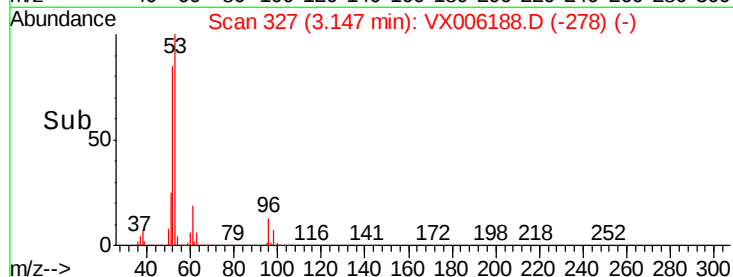
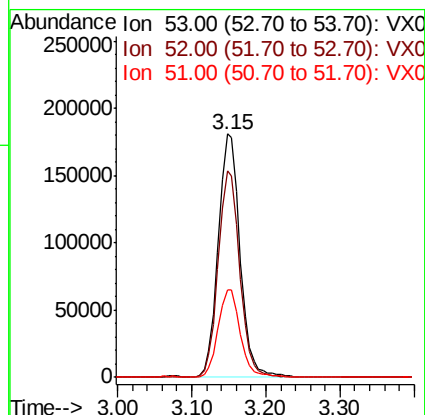
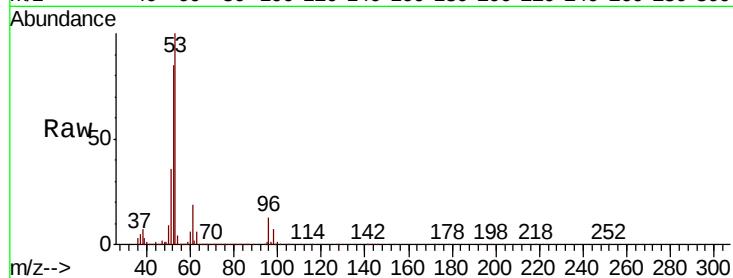




#15
 Acrylonitrile
 Concen: 245.603 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

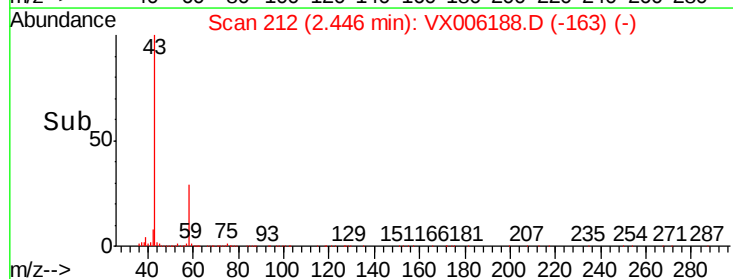
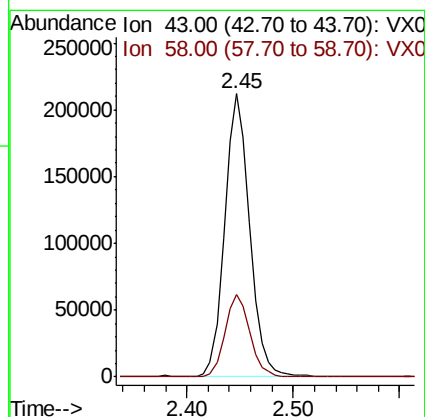
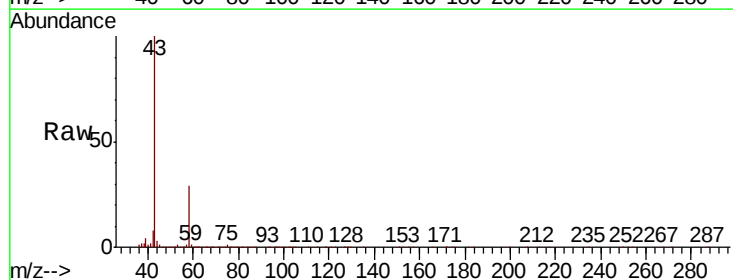
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

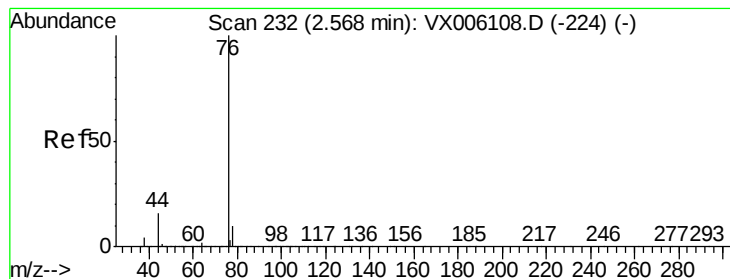
Tot Ion	53	Resp	364911
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.4	99.6
51	36.7	29.4	44.0



#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 :

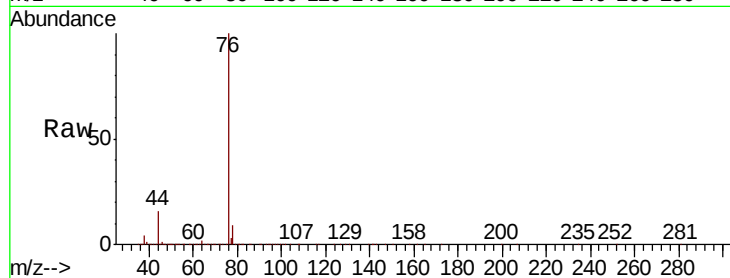
VSTDCCC050EC

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

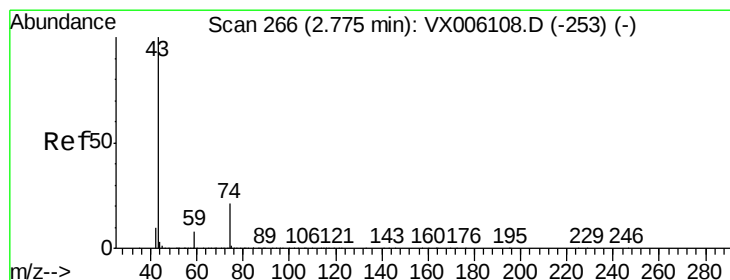
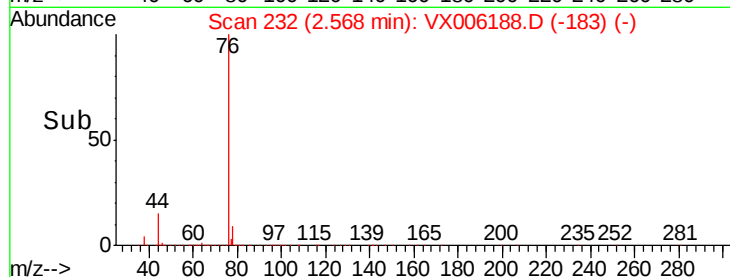
100000

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

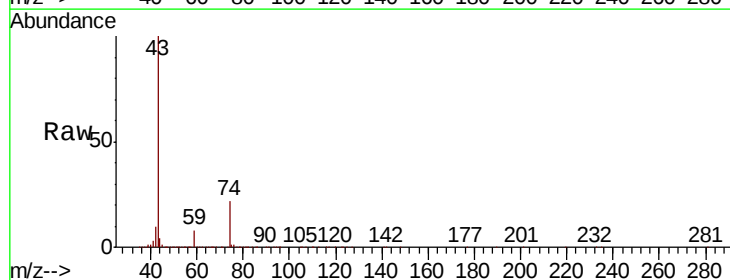
Acq: 26 Nov 2018 20:58

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

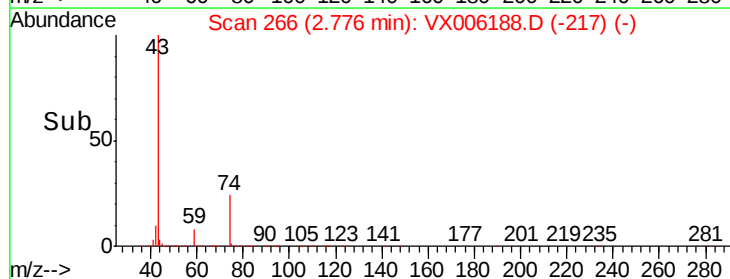
40000

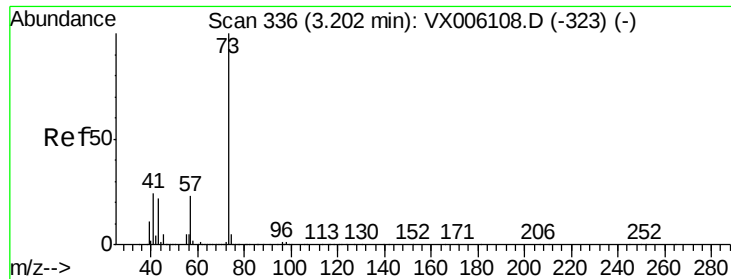
20000

0

Time-->

2.70 2.80 2.90

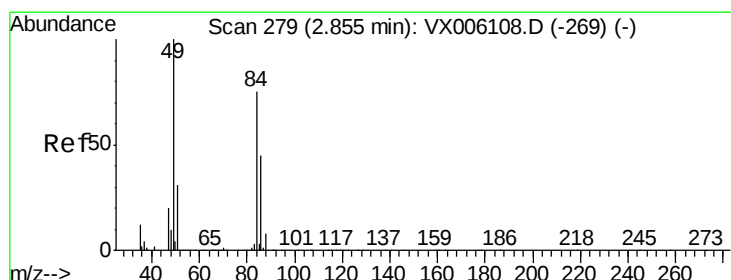
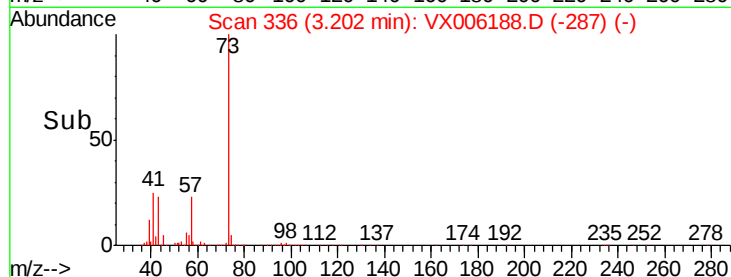
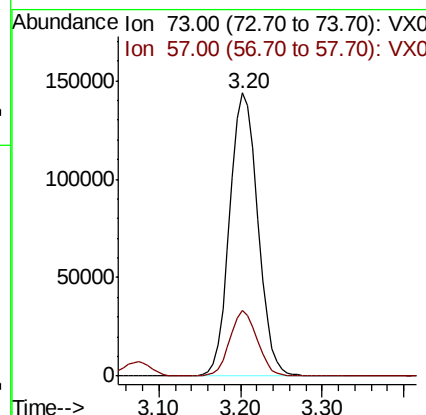
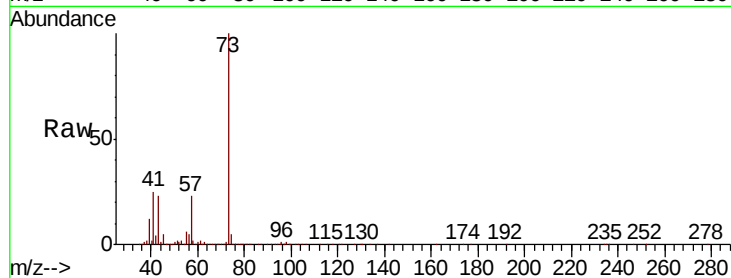




#19
Methyl tert-butyl Ether
Concen: 50.418 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

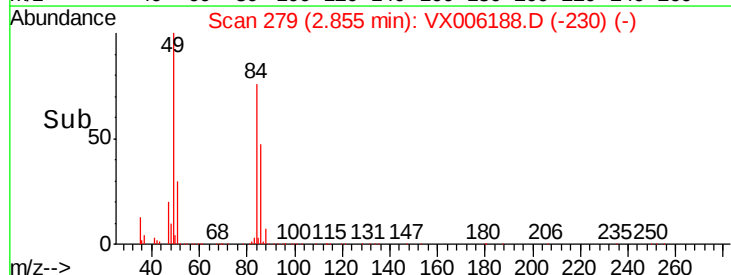
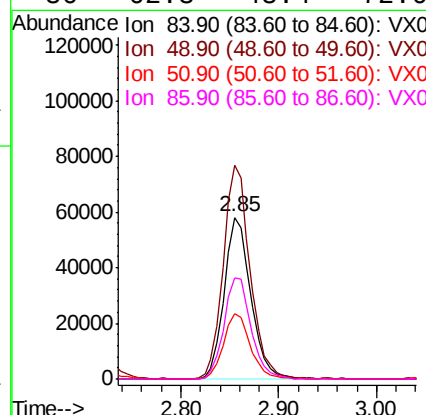
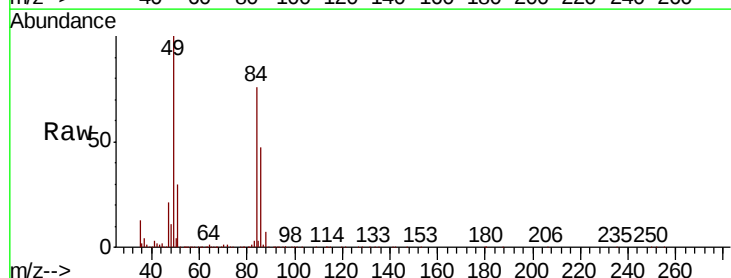
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

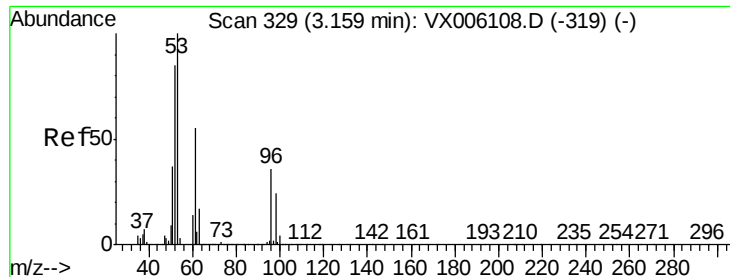
Tot Ion: 73 Resp: 343398
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4



#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 :

VSTDCCC050EC

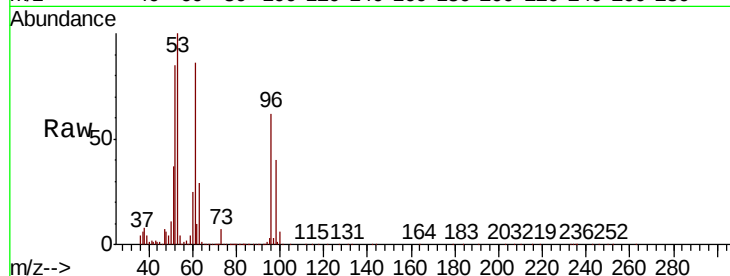
Tot Ion: 96 Resp: 101945

Ion Ratio Lower Upper

96 100

61 139.4 122.0 183.0

98 64.2 52.7 79.1

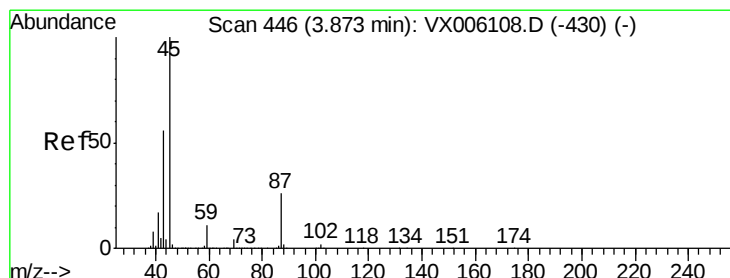
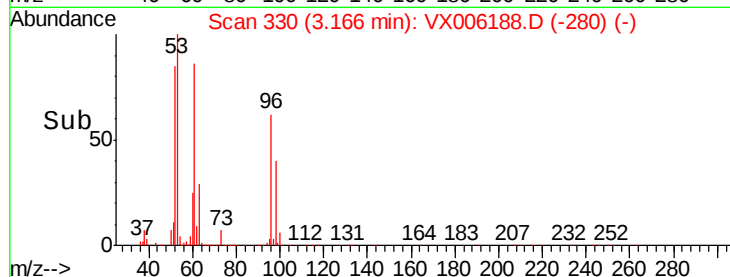
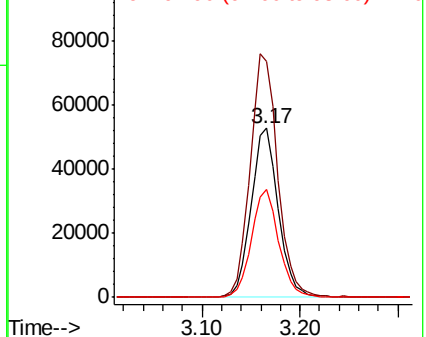


Abundance

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

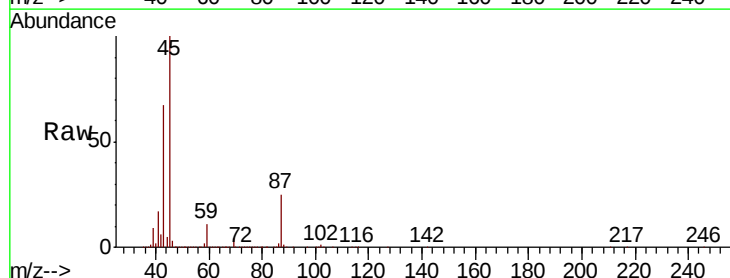
Ion Ratio Lower Upper

45 100

43 67.1 45.8 68.8

87 25.4 21.0 31.4

59 10.9 8.6 12.8



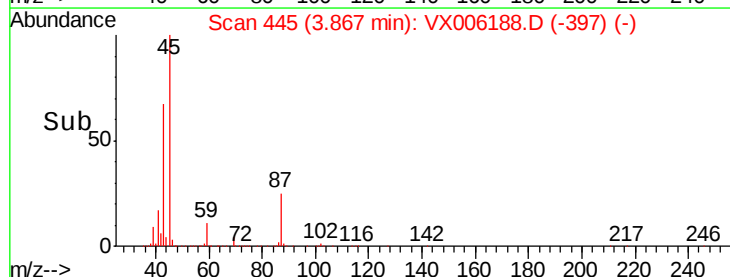
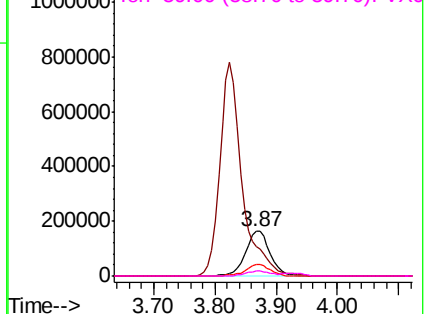
Abundance

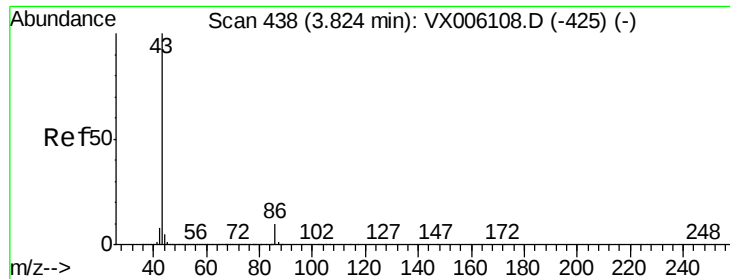
Ion 45.00 (44.70 to 45.70): VX0

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

ClientSampleId :

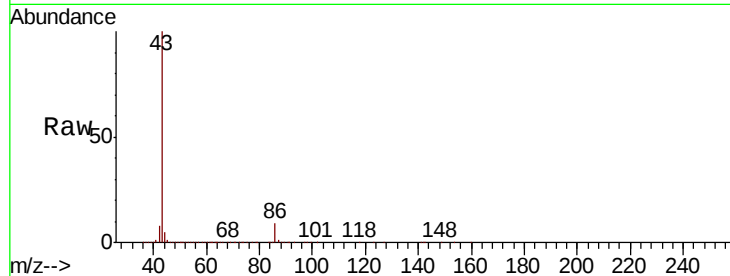
VSTDCCC050EC

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

3.82

800000

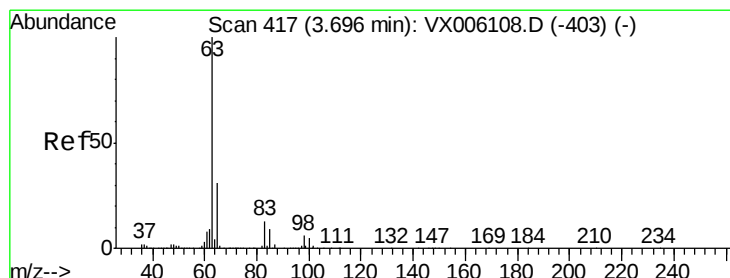
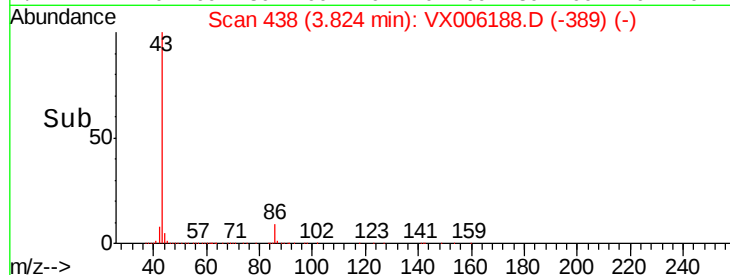
600000

400000

200000

0

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

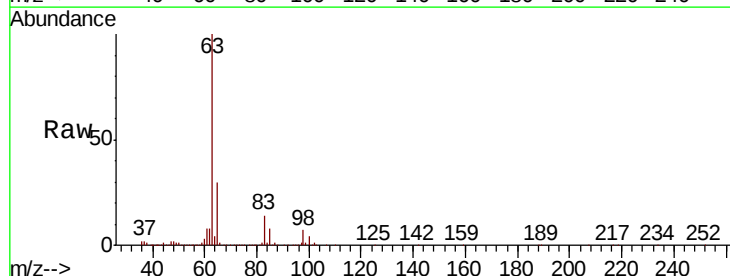
Tgt Ion: 63 Resp: 204331

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

120000

100000

80000

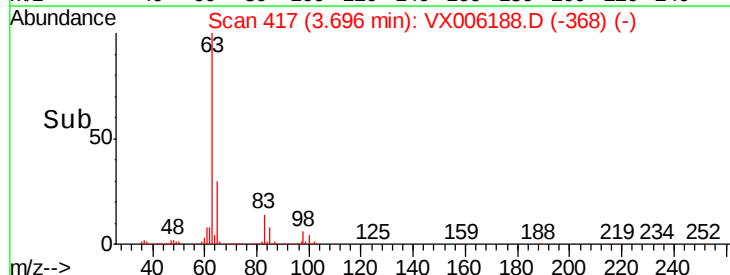
60000

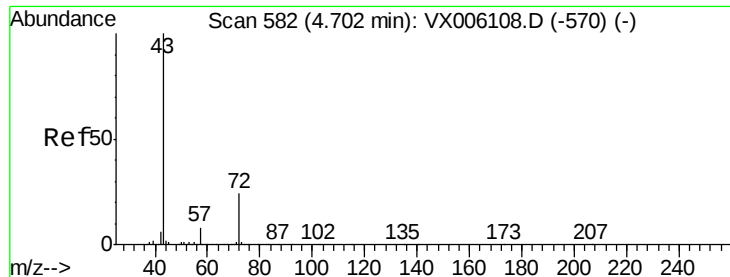
40000

20000

0

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 :

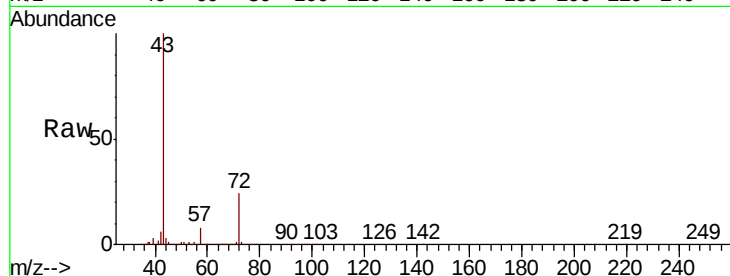
VSTDCCC050EC

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): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

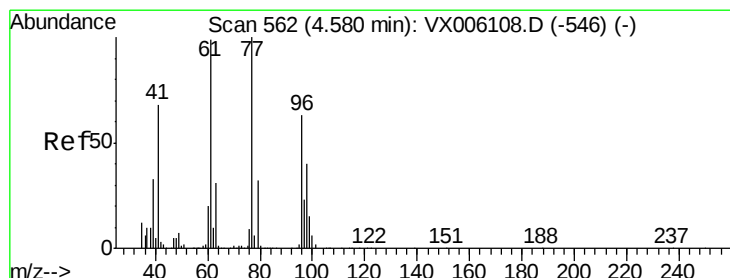
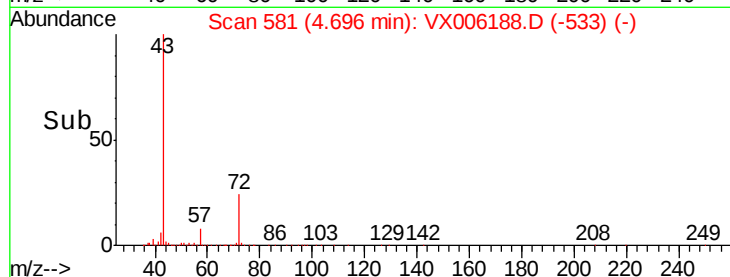
100000

50000

0

4.60 4.70 4.80

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

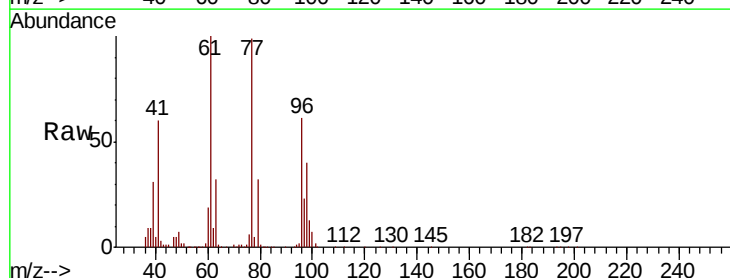
Acq: 26 Nov 2018 20:58

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): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

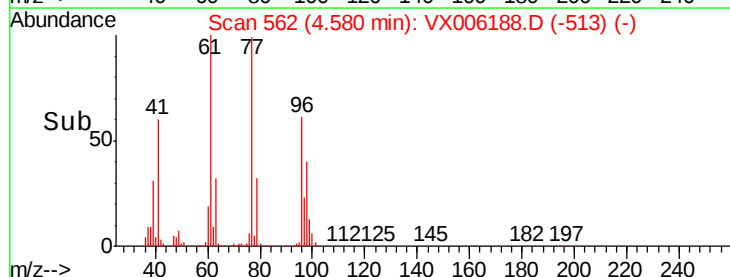
20000

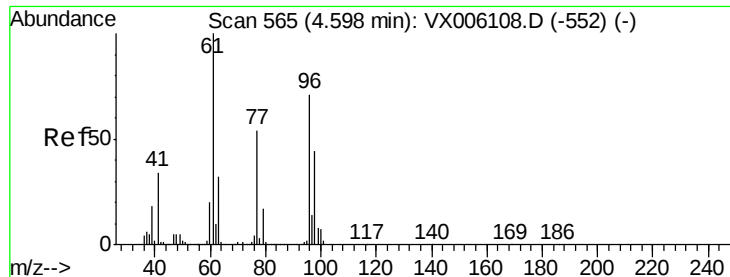
10000

0

4.40 4.50 4.60 4.70

Time-->



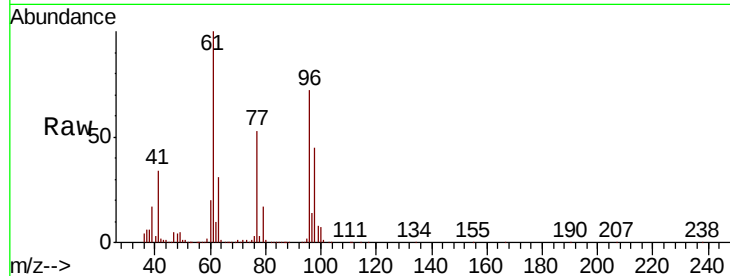


#27

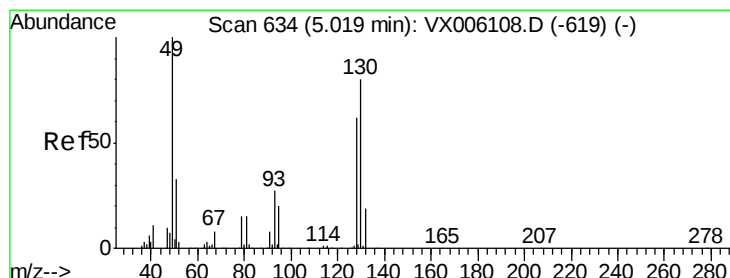
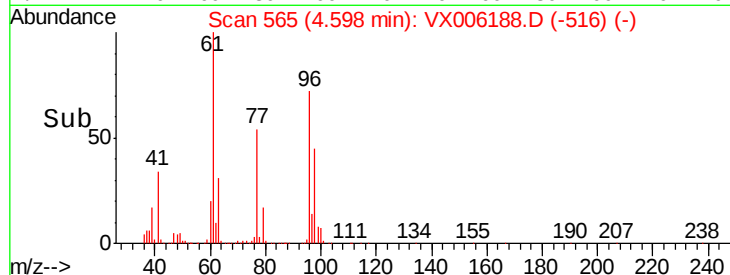
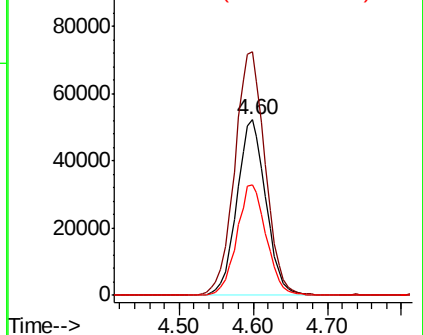
cis-1,2-Dichloroethene
 Concen: 49.522 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

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



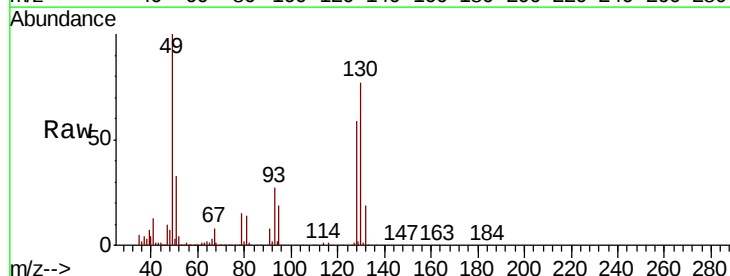
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



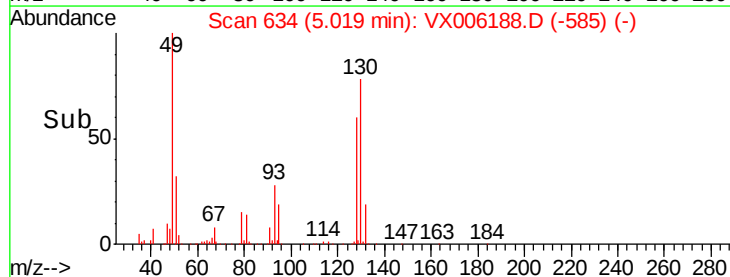
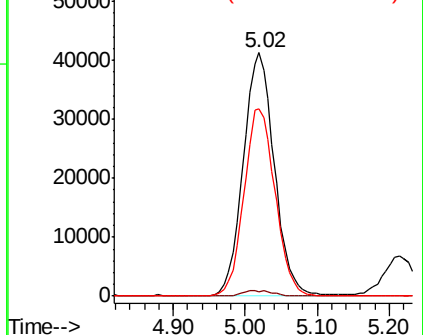
#28

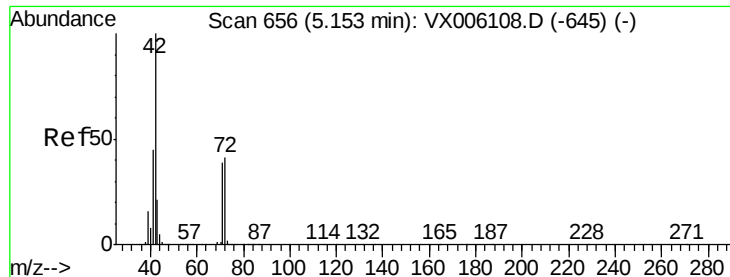
Bromochloromethane
 Concen: 52.425 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

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 :

VSTDCCC050EC

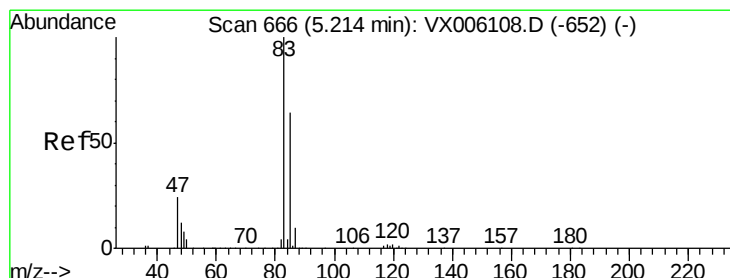
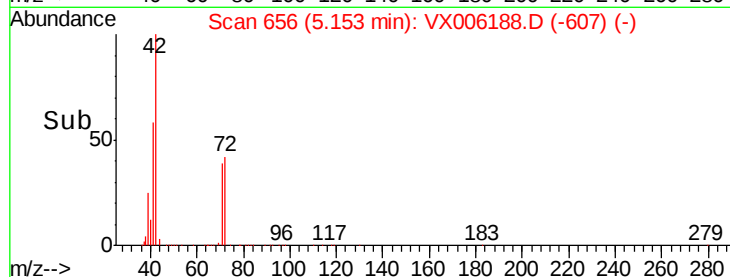
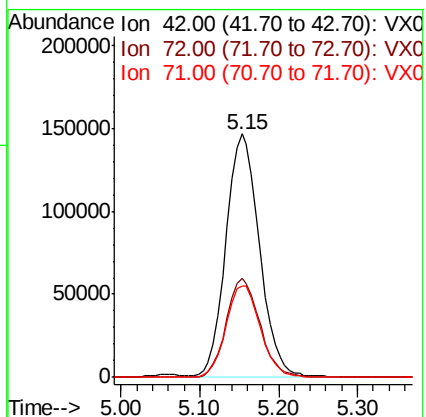
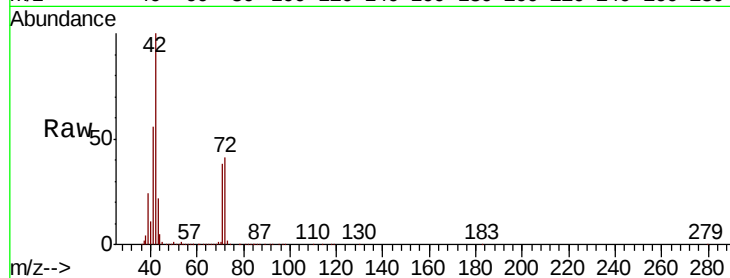
Tot Ion: 42 Resp: 430876

Ion Ratio Lower Upper

42 100

72 41.3 33.0 49.6

71 38.8 31.0 46.4



#30

Chloroform

Concen: 50.023 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006188.D

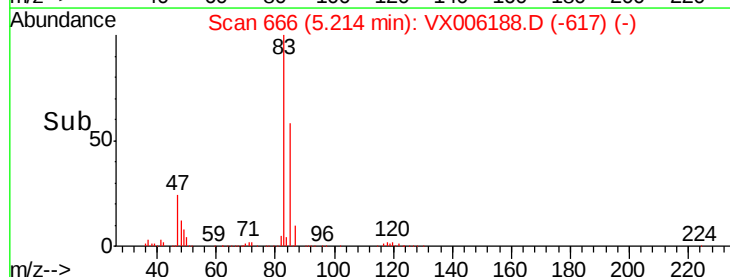
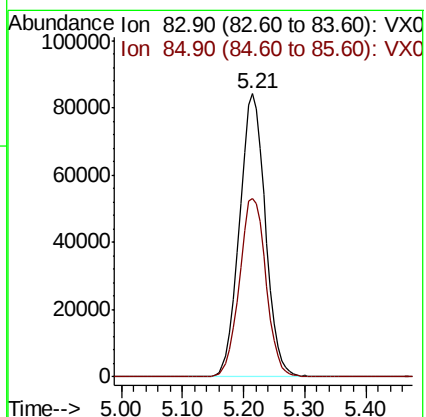
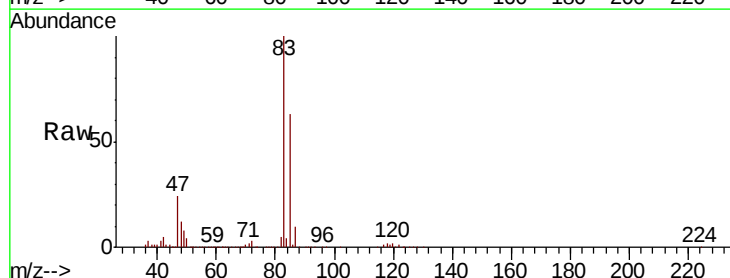
Acq: 26 Nov 2018 20:58

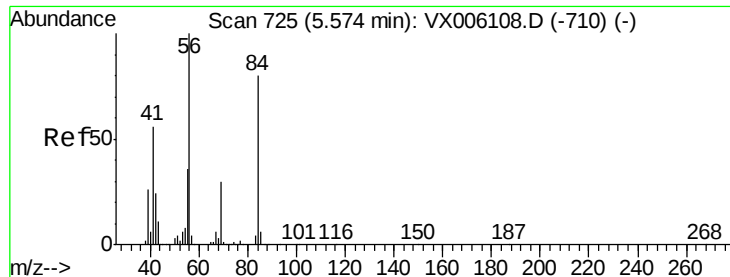
Tgt Ion: 83 Resp: 246465

Ion Ratio Lower Upper

83 100

85 63.0 51.0 76.4

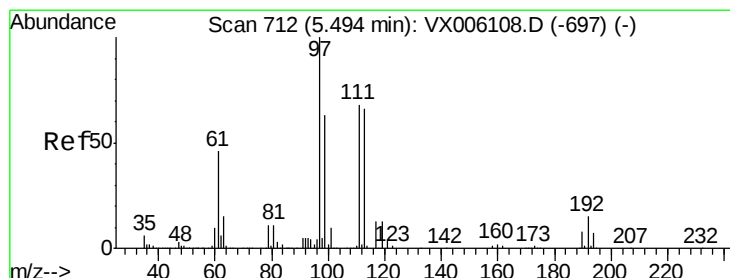
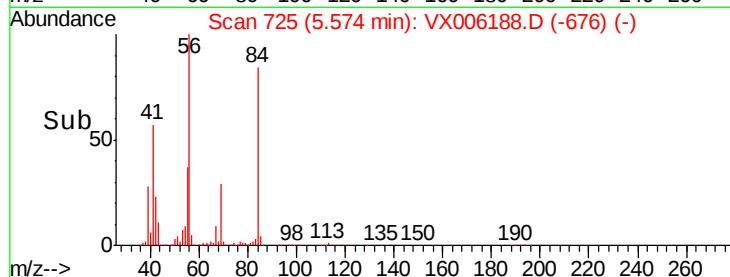
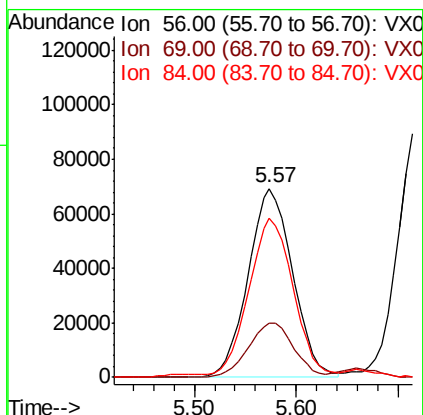
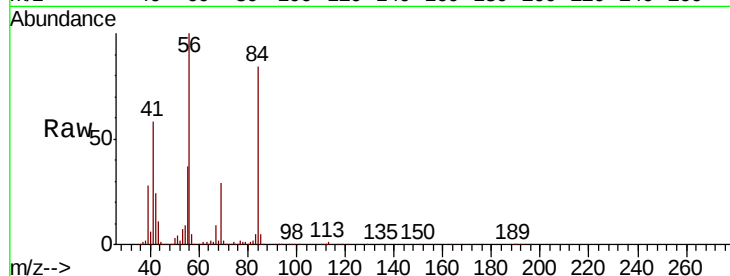




#31
Cyclohexane
Concen: 49.309 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

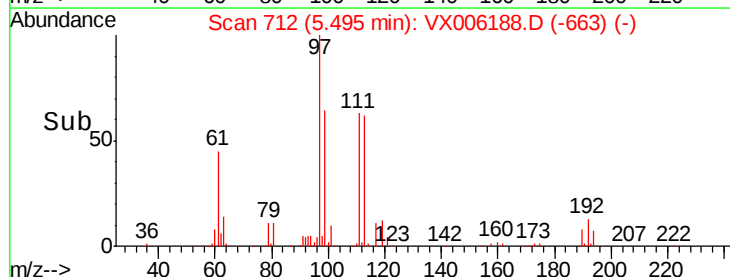
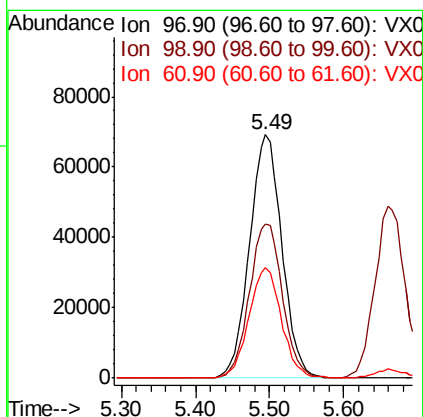
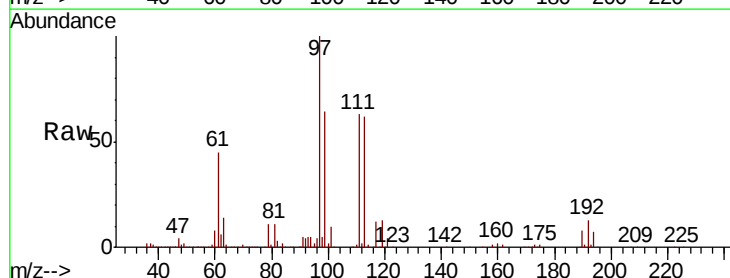
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

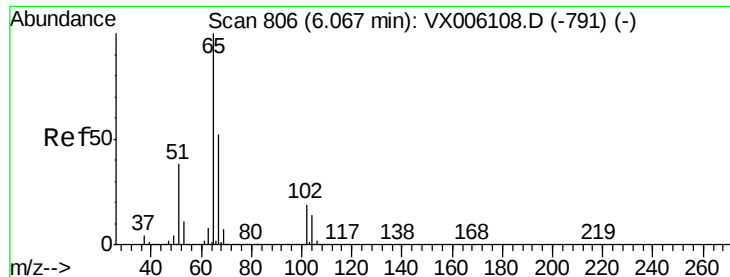
Tot Ion: 56 Resp: 209410
Ion Ratio Lower Upper
56 100
69 28.9 23.9 35.9
84 82.7 63.6 95.4



#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





#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 :

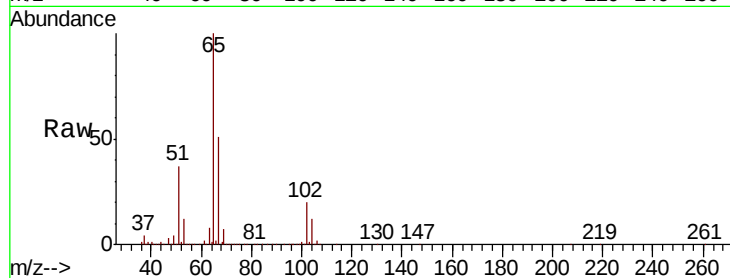
VSTDCCC050EC

Tot Ion: 65 Resp: 164164

Ion Ratio Lower Upper

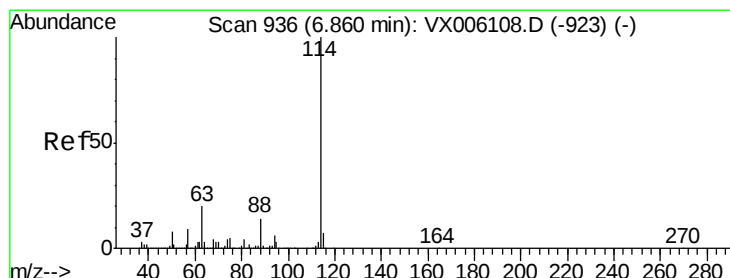
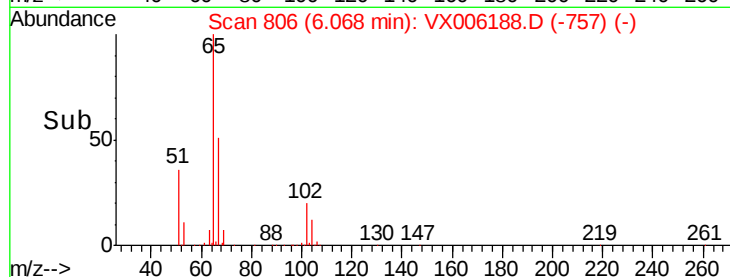
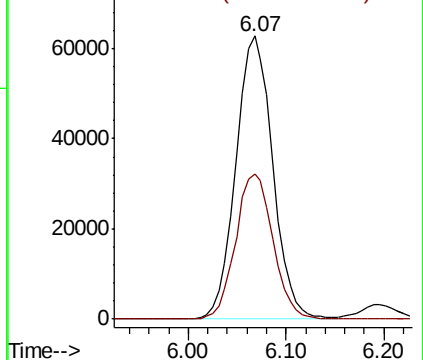
65 100

67 51.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#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

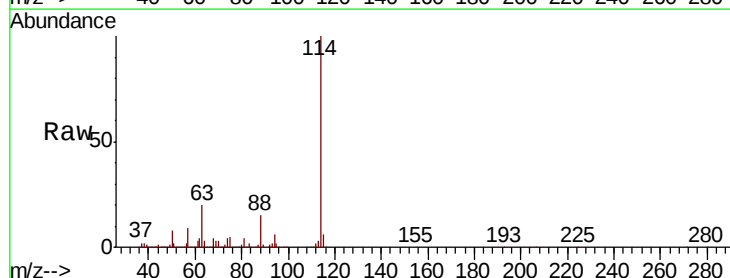
Tgt Ion: 114 Resp: 397461

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

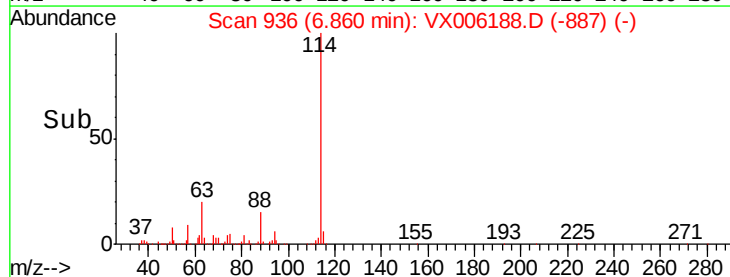
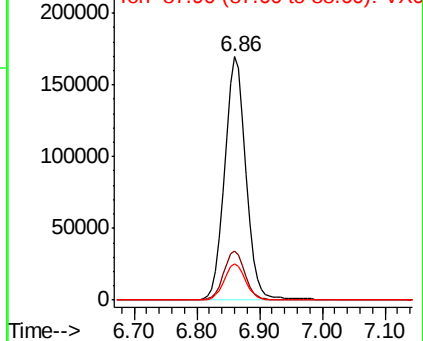
88 14.7 0.0 28.6

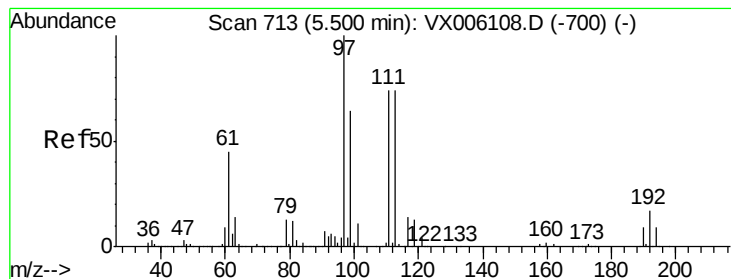


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#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 :

VSTDCCC050EC

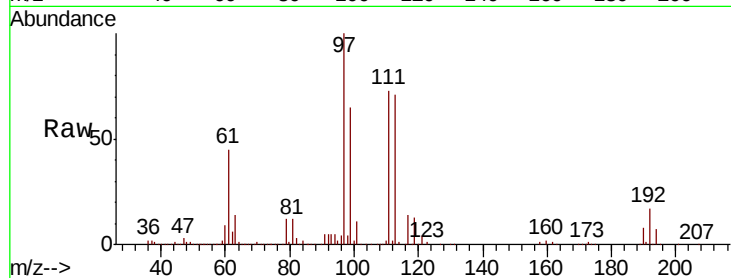
Tot Ion:113 Resp: 131554

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

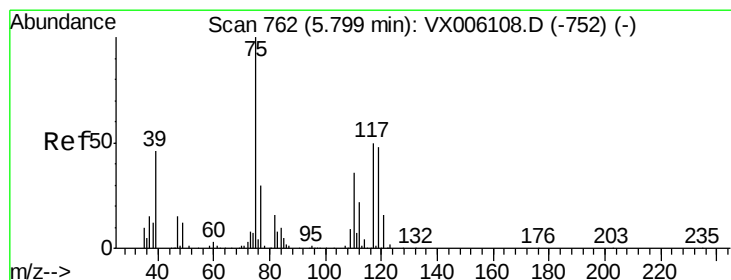
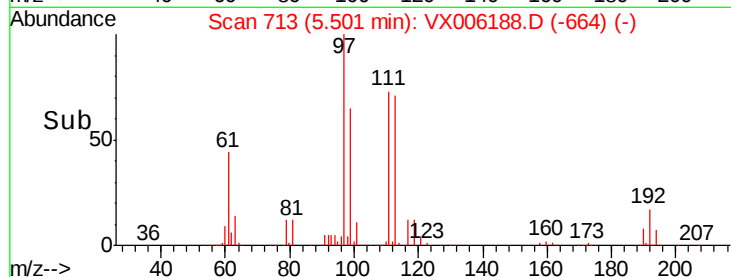
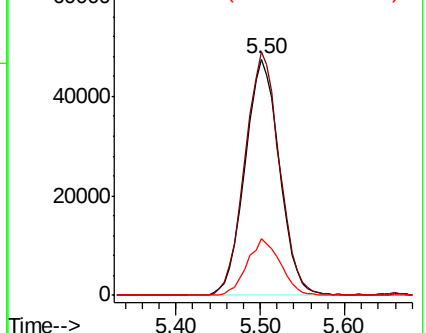
192 23.2 18.6 28.0



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

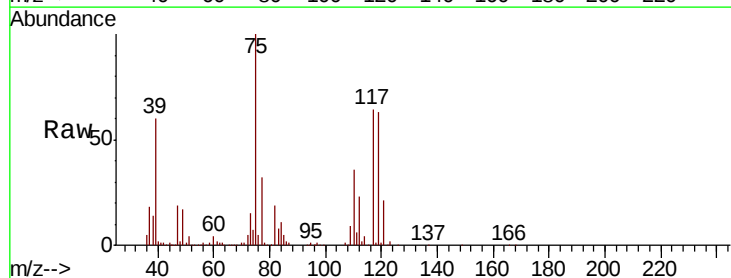
Tgt Ion: 75 Resp: 179711

Ion Ratio Lower Upper

75 100

110 36.2 17.8 53.3

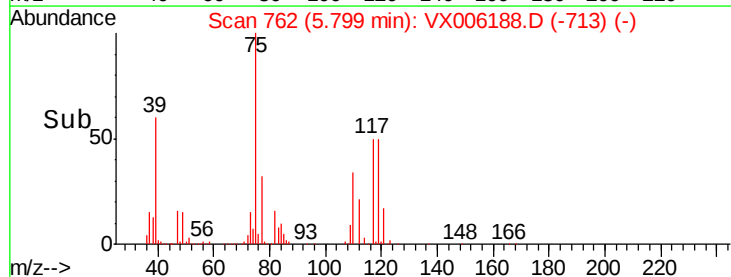
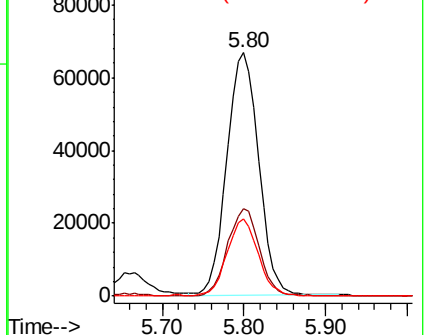
77 30.6 24.5 36.7

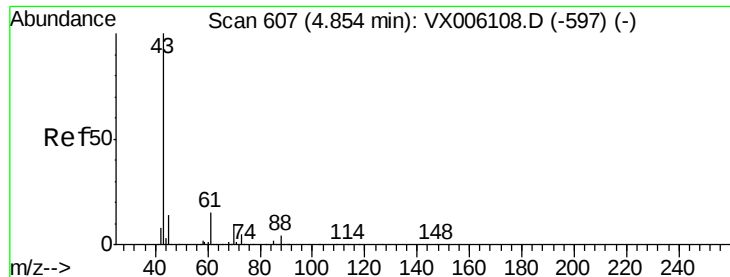


Abundance Ion 74.90 (74.60 to 75.60): VX0

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 :

VSTDCCC050EC

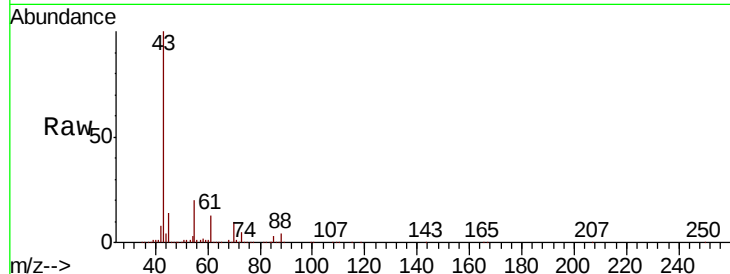
Tot Ion: 43 Resp: 240462

Ion Ratio Lower Upper

43 100

61 12.9 10.5 15.7

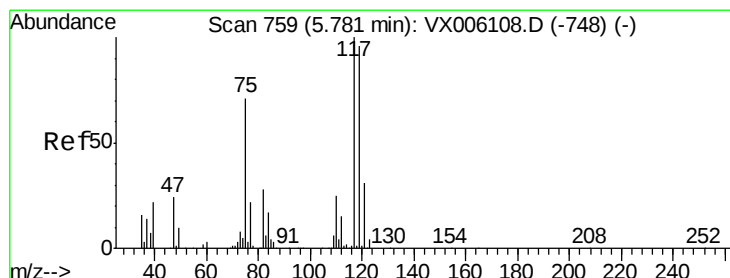
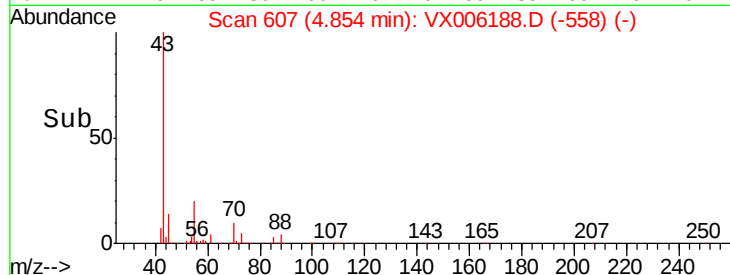
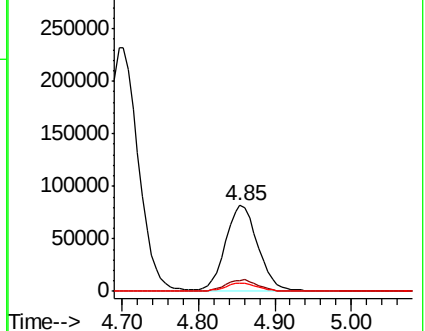
70 9.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 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

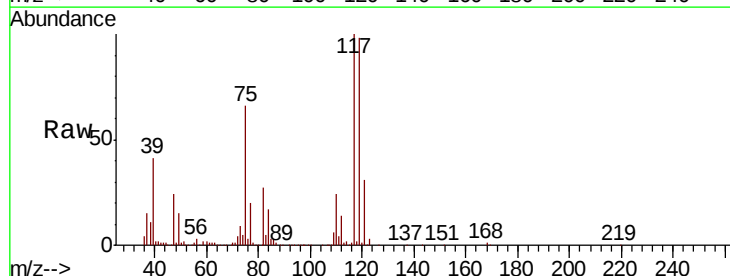
Tgt Ion: 117 Resp: 186819

Ion Ratio Lower Upper

117 100

119 97.4 76.3 114.5

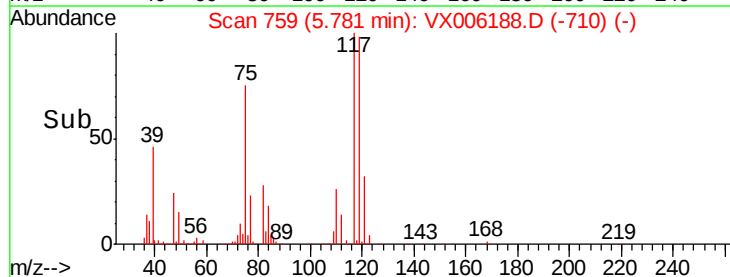
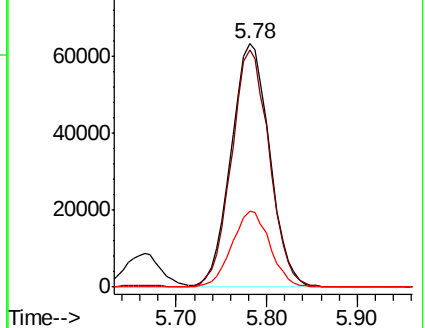
121 31.3 24.7 37.1

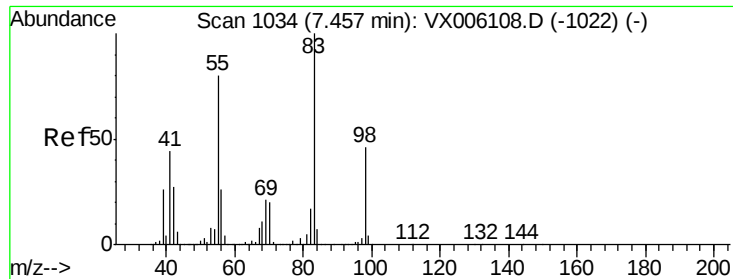


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

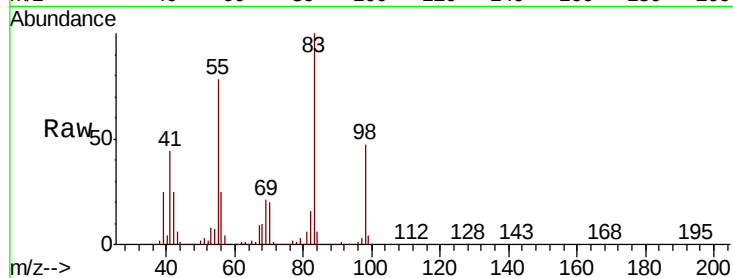




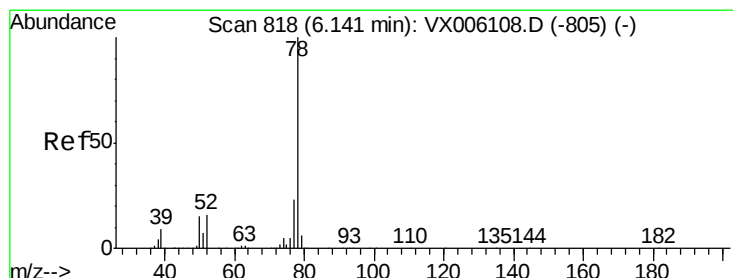
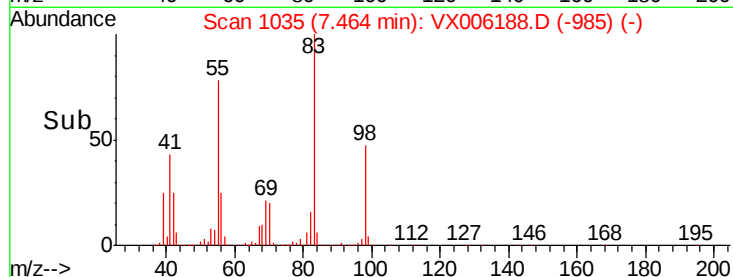
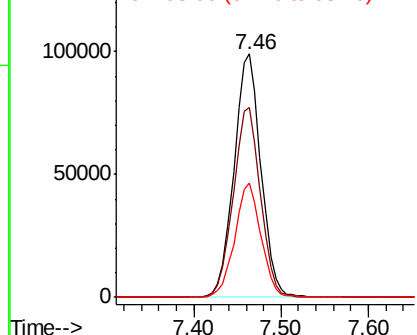
#39
Methvlcvclohexane
Concen: 51.524 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

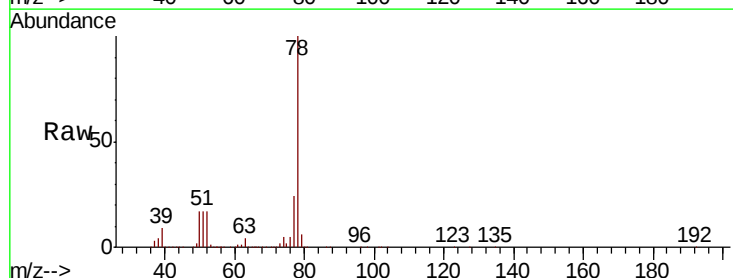


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

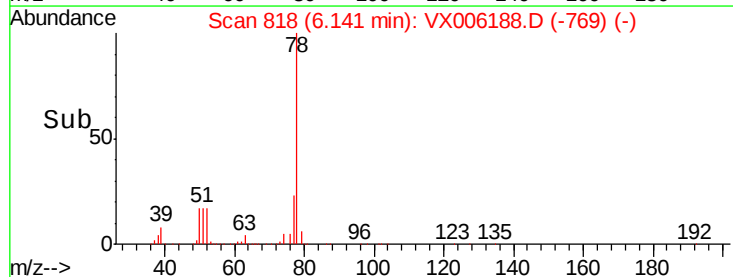
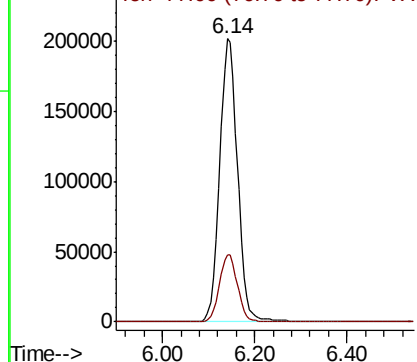


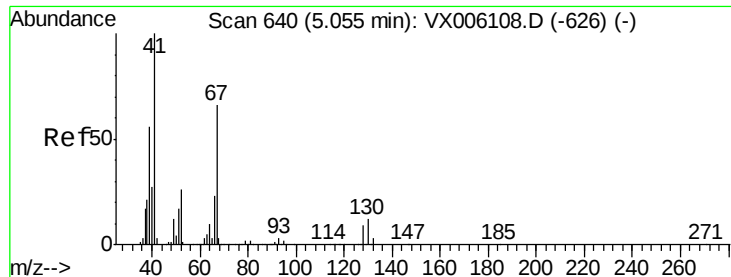
#40
Benzene
Concen: 50.929 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

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

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 133385

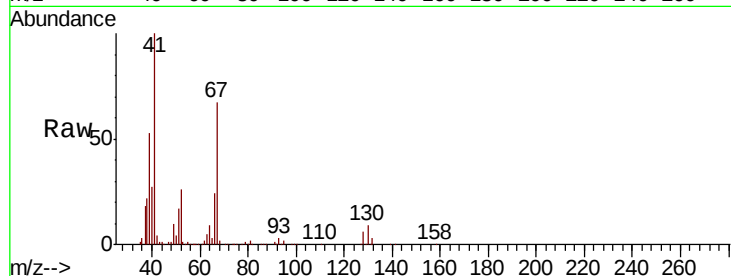
Ion Ratio Lower Upper

41 100

39 54.1 44.1 66.1

67 66.0 54.1 81.1

52 28.1 21.7 32.5

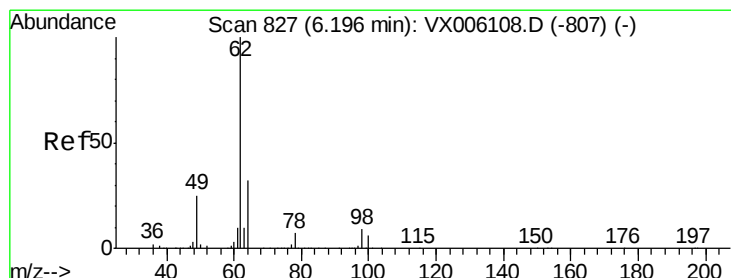
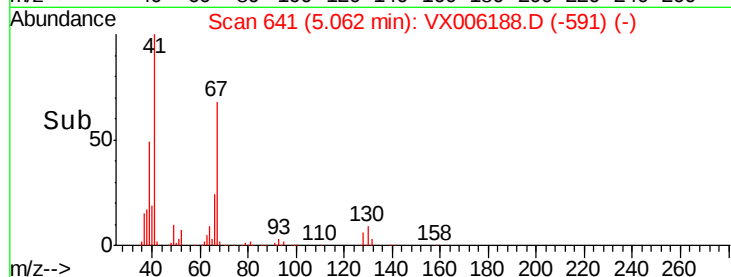
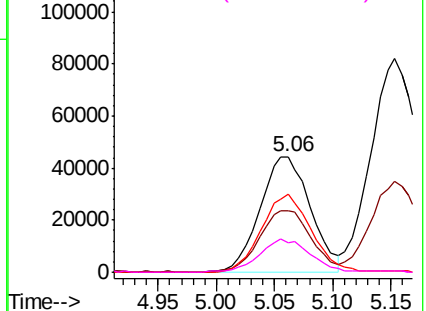


Abundance Ion 41.00 (40.70 to 41.70): VX0

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

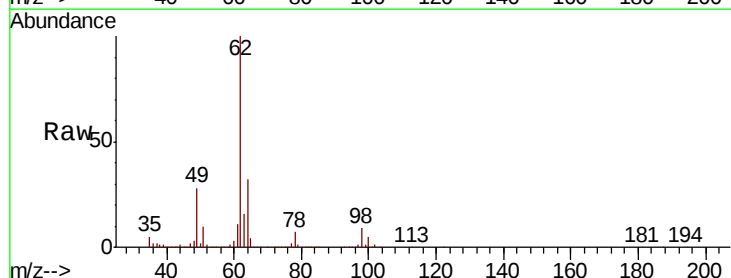
Acq: 26 Nov 2018 20:58

Tgt Ion: 62 Resp: 201796

Ion Ratio Lower Upper

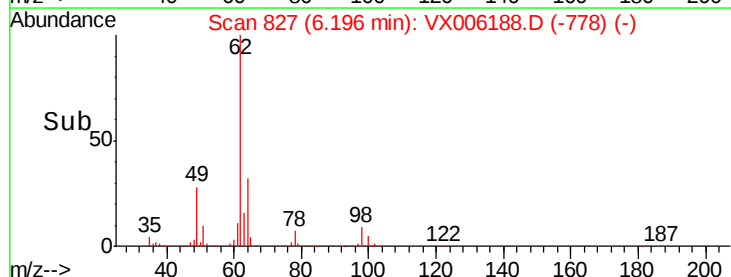
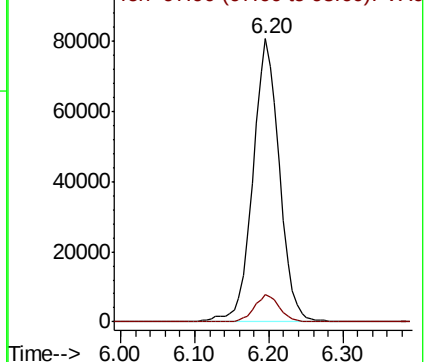
62 100

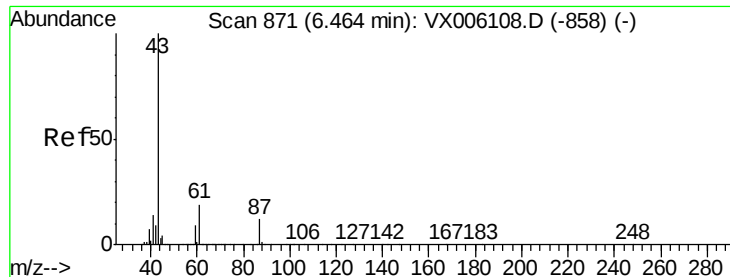
98 9.1 0.0 17.8



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 :

VSTDCCC050EC

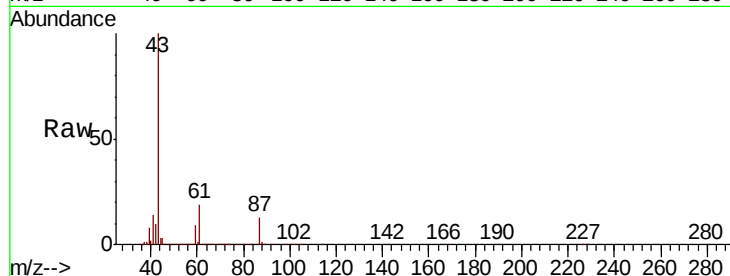
Tot Ion: 43 Resp: 358473

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): VX006188.D (-858) (-)

Ion 61.00 (60.70 to 61.70): VX006188.D (-858) (-)

Ion 87.00 (86.70 to 87.70): VX006188.D (-858) (-)

6.46

150000

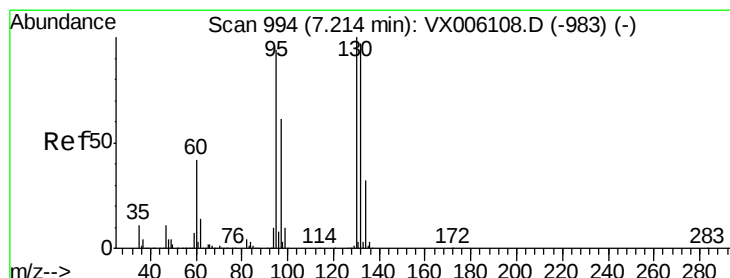
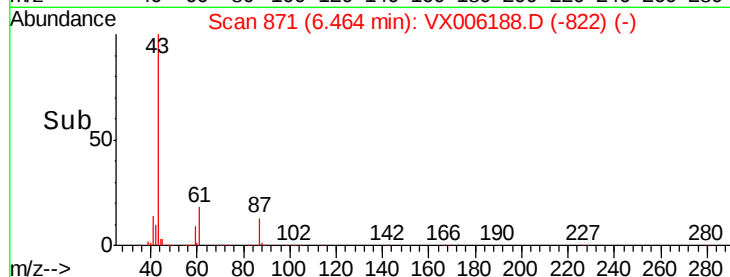
100000

50000

0

6.30 6.40 6.50 6.60

Time-->



#44

Trichloroethene

Concen: 49.215 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006188.D

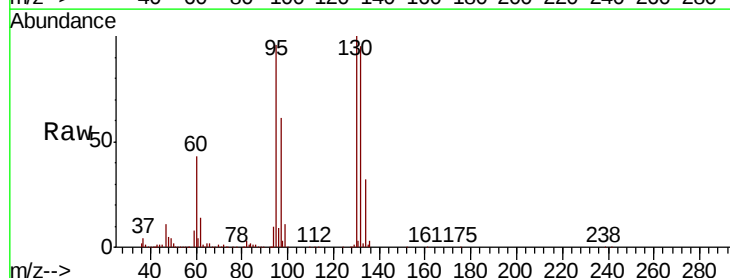
Acq: 26 Nov 2018 20:58

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): VX006188.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX006188.D (-983) (-)

7.21

80000

60000

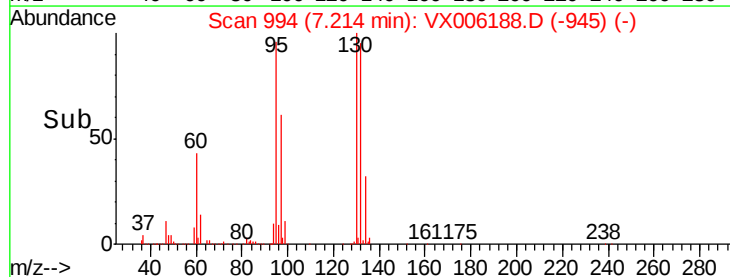
40000

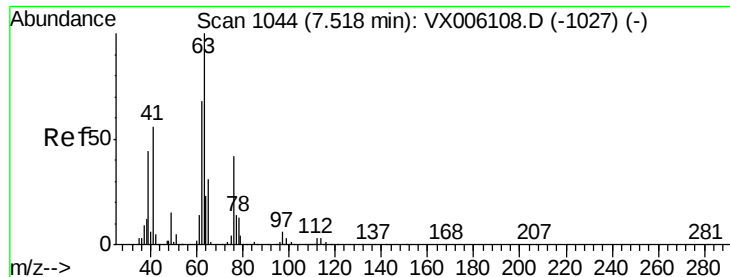
20000

0

7.10 7.20 7.30

Time-->





#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 :

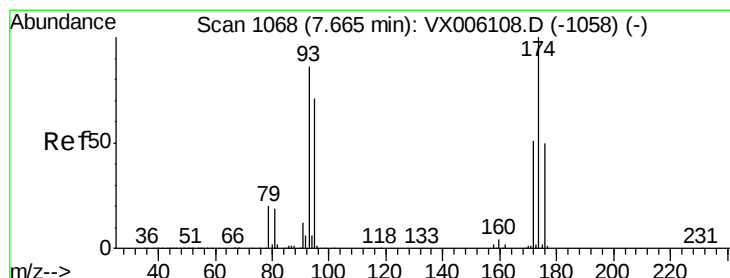
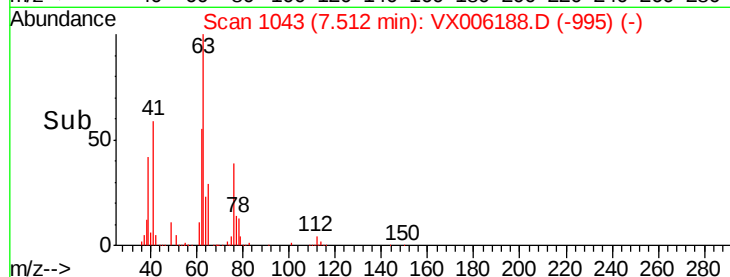
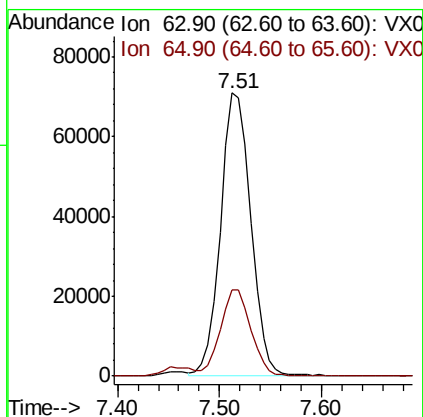
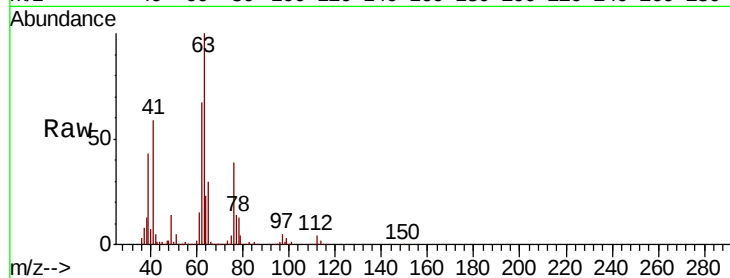
VSTDCCC050EC

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

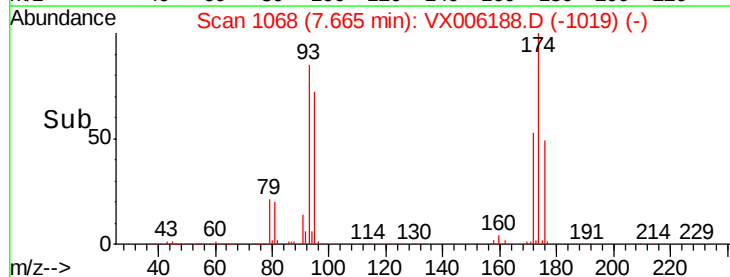
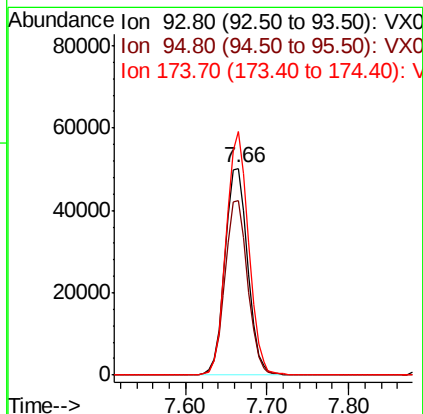
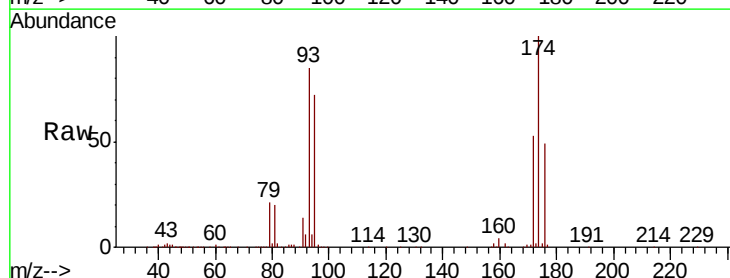
Tgt Ion: 93 Resp: 97188

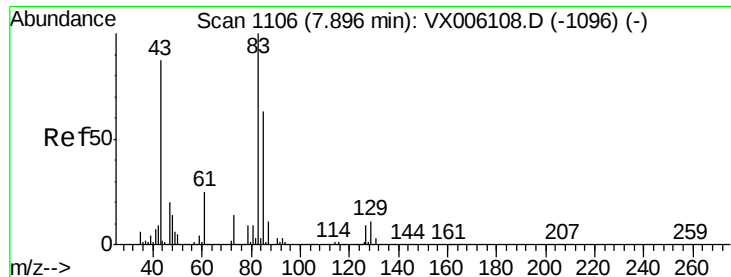
Ion Ratio Lower Upper

93 100

95 84.3 66.3 99.5

174 114.6 91.0 136.6

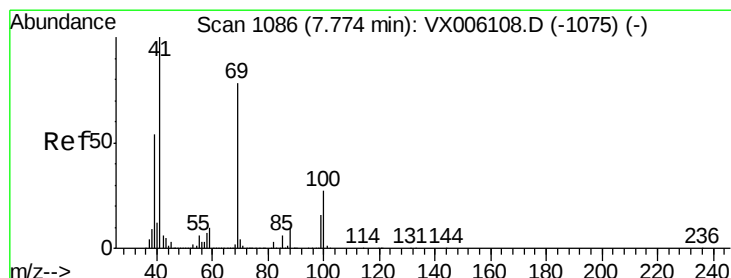
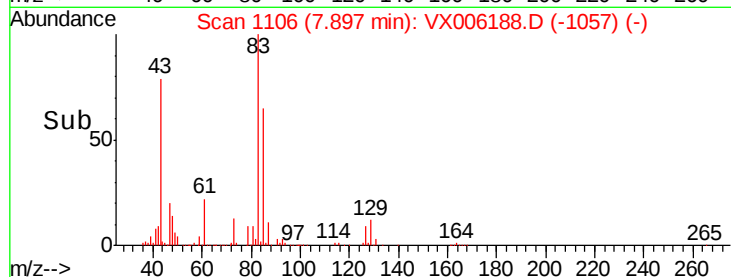
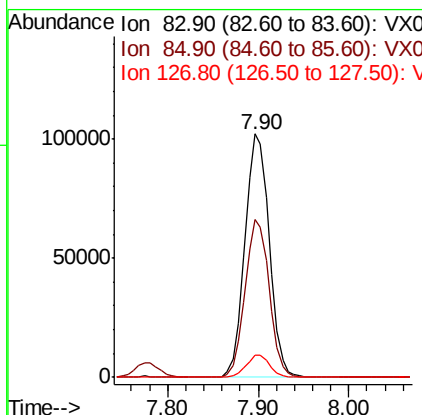
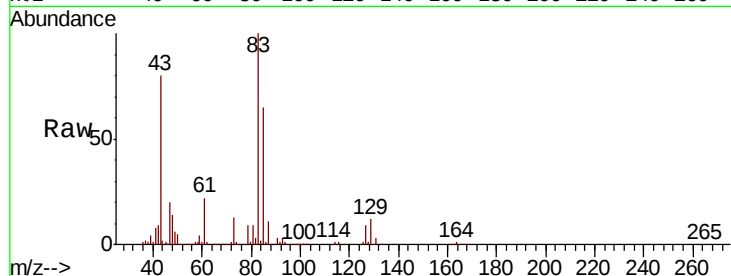




#47
 Bromodichloromethane
 Concen: 53.065 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

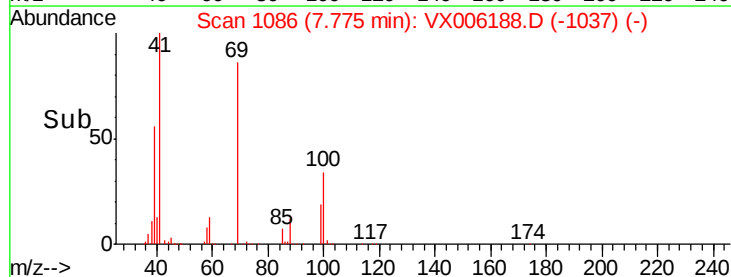
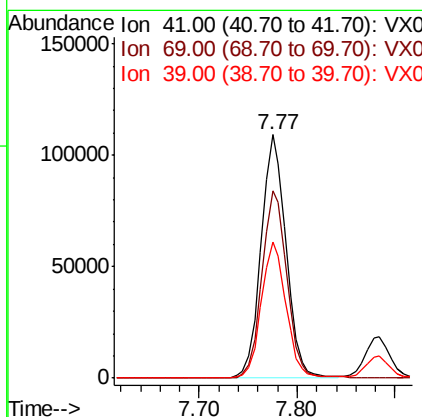
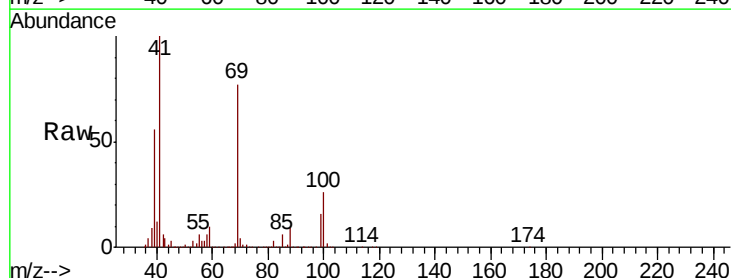
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

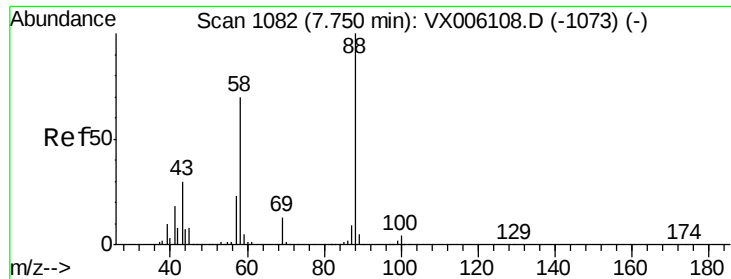
Tot Ion: 83 Resp: 189493
 Ion Ratio Lower Upper
 83 100
 85 64.9 50.4 75.6
 127 9.2 7.0 10.4



#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

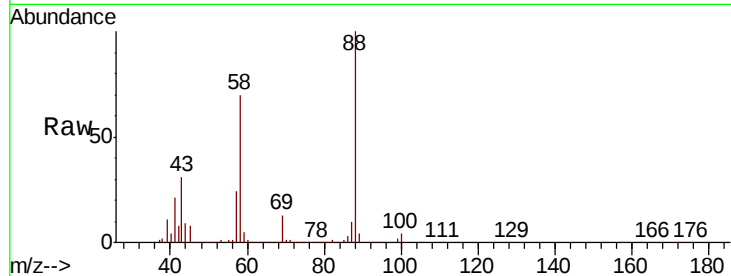




#49
1,4-Dioxane
Concen: 1052.480 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

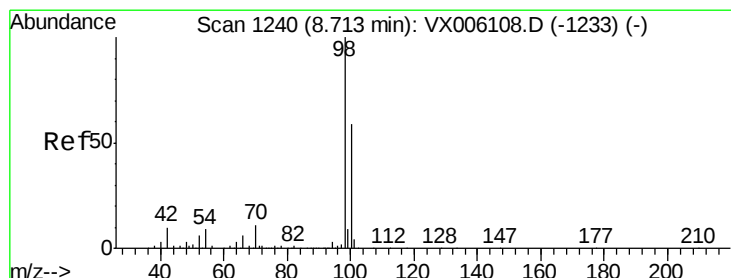
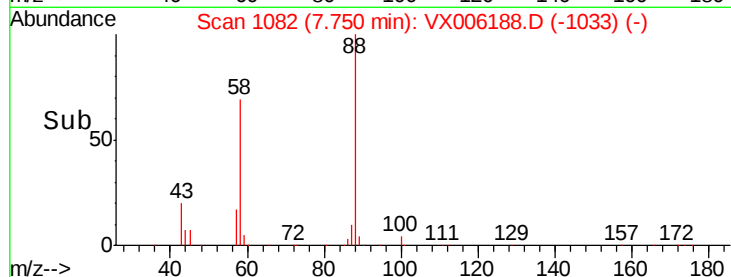
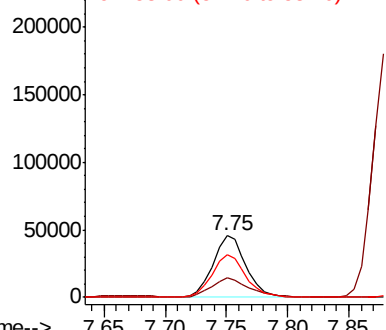


Abundance

Ion 88.00 (87.70 to 88.70): VX0

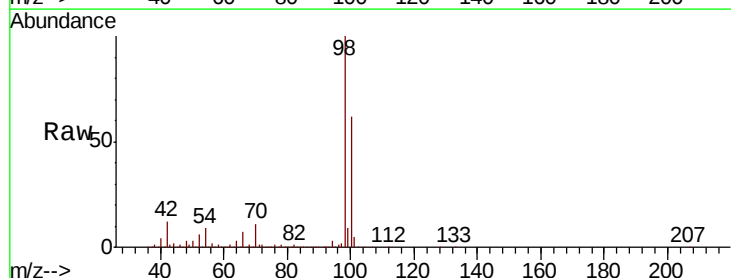
Ion 43.00 (42.70 to 43.70): VX0

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

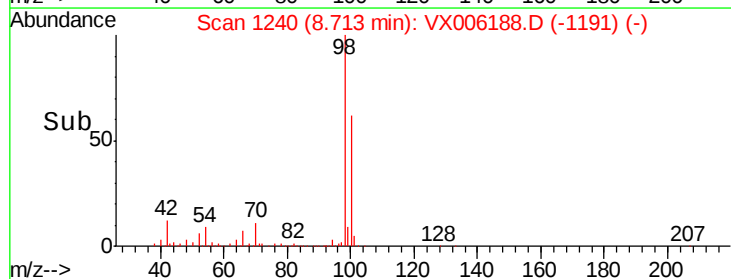
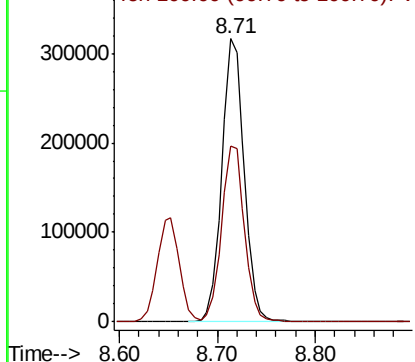
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4

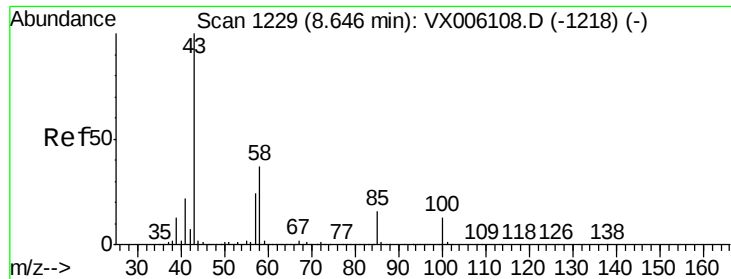


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

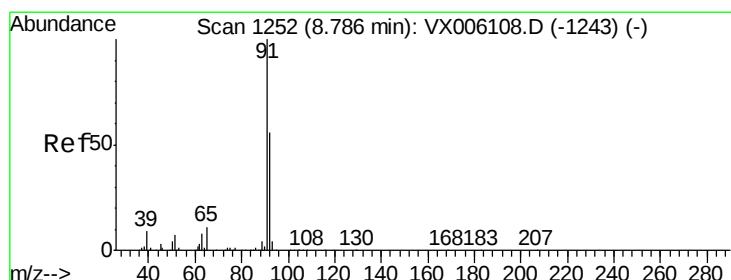
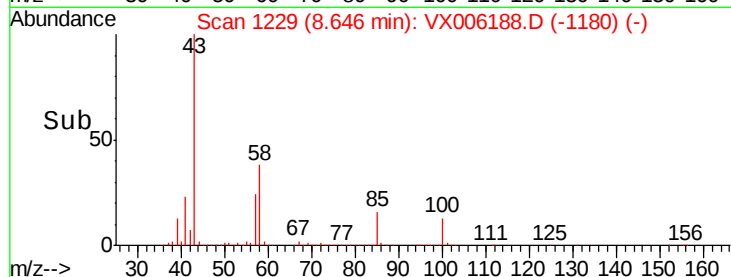
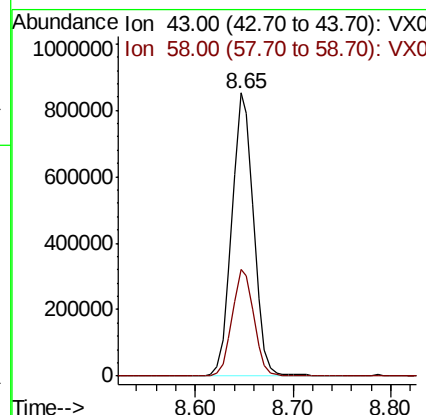
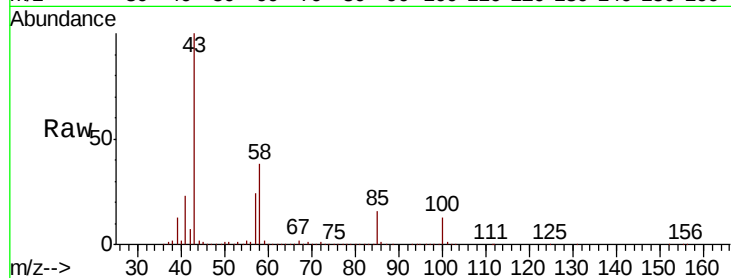




#51
 4-Methyl-2-Pentanone
 Concen: 273.214 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

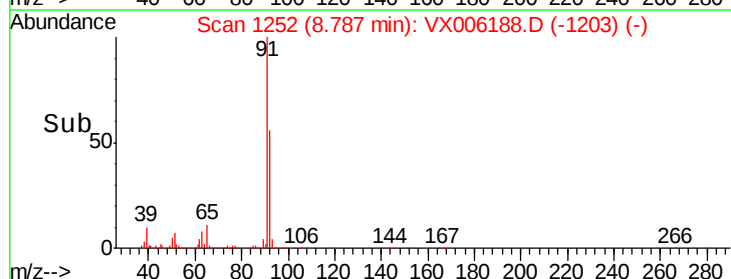
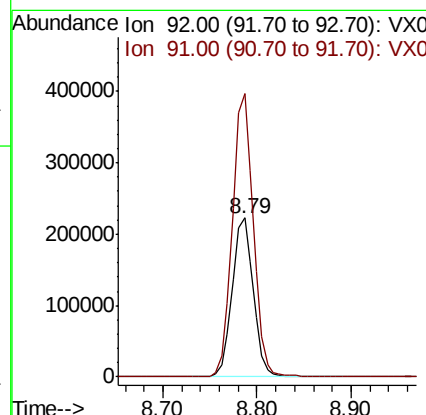
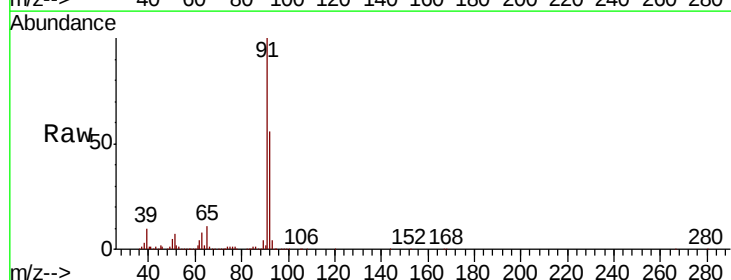
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

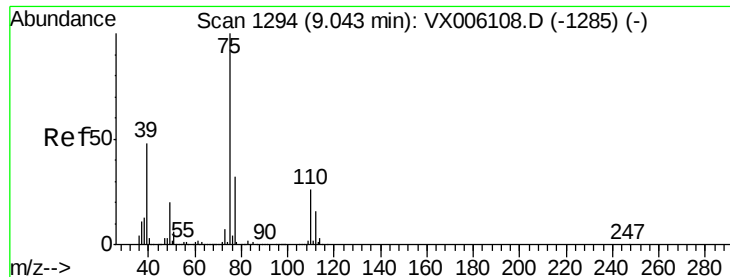
Tot Ion: 43 Resp: 1315909
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.9 44.9



#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





#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 :

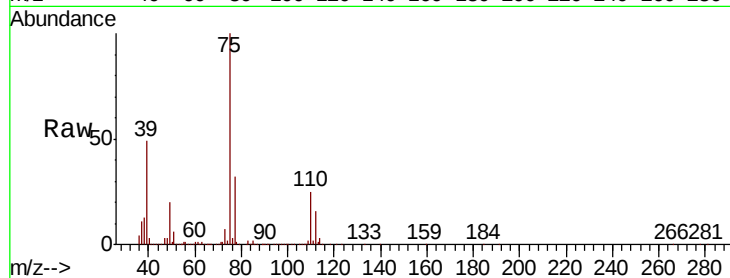
VSTDCCC050EC

Tot Ion: 75 Resp: 201530

Ion Ratio Lower Upper

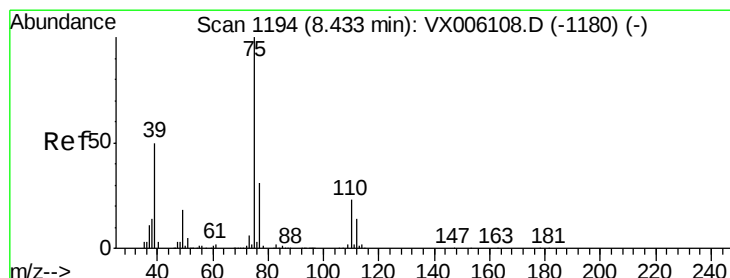
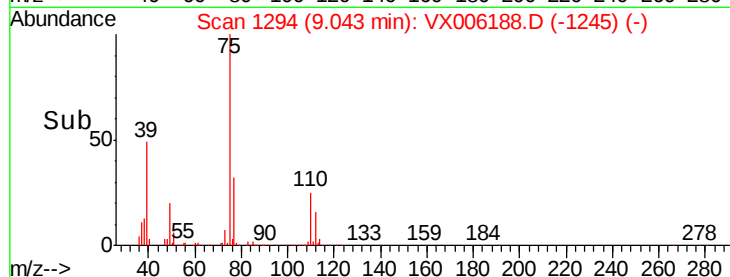
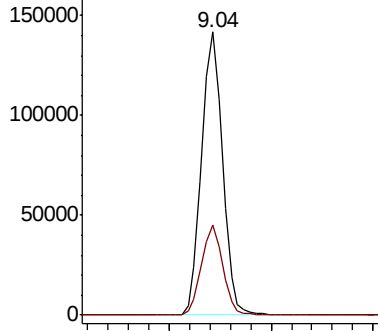
75 100

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

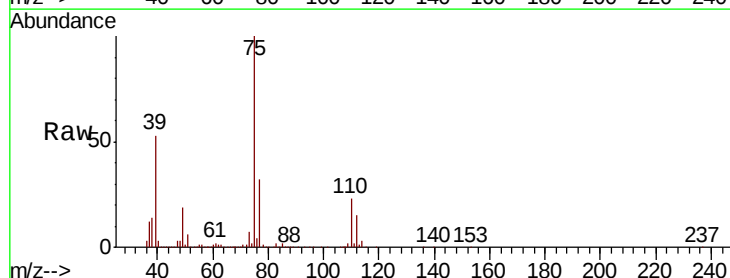
Tgt Ion: 75 Resp: 217759

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

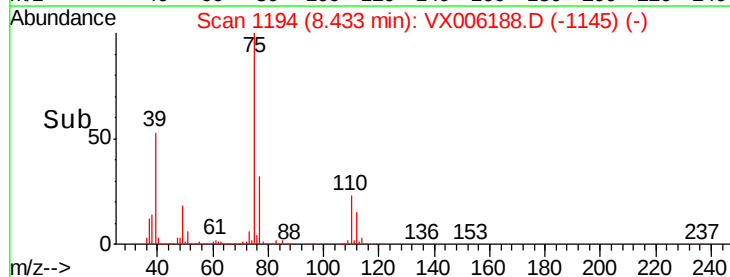
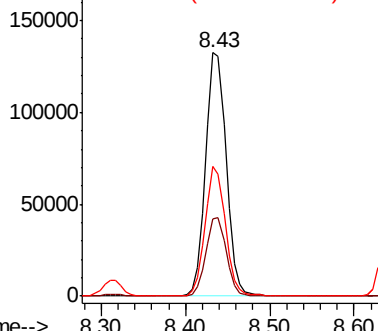
39 53.0 40.3 60.5

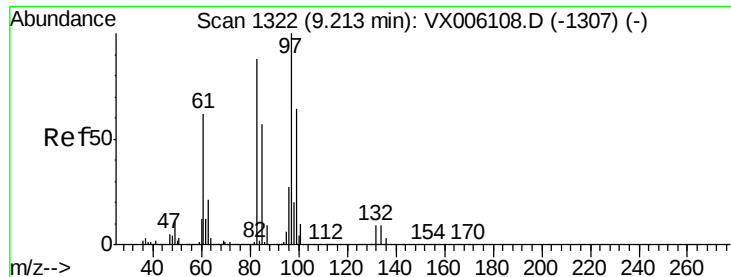


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

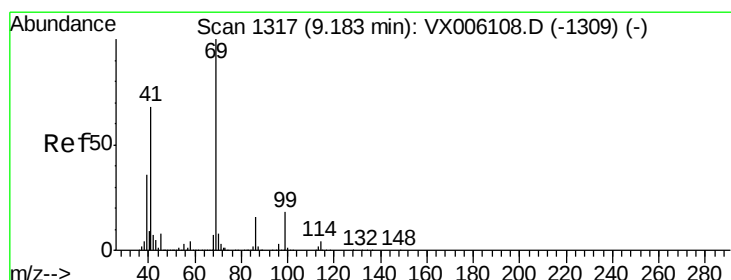
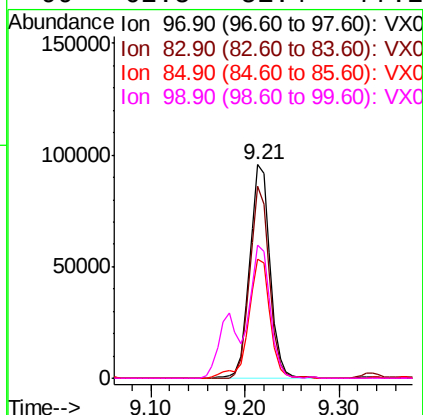
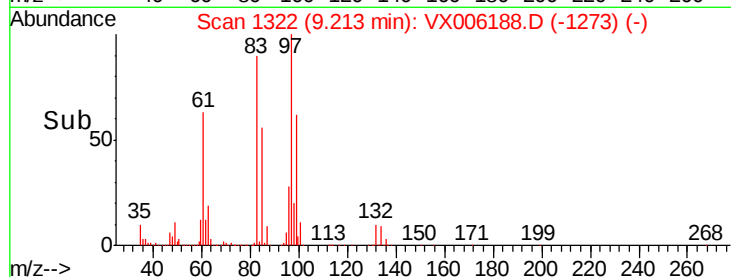
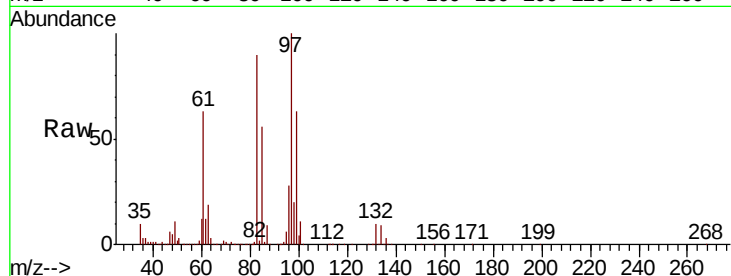




#55
 1,1,2-Trichloroethane
 Concen: 51.007 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

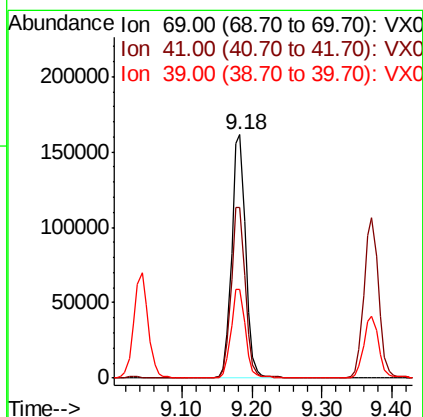
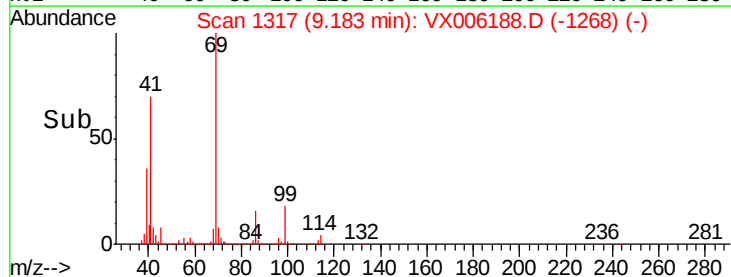
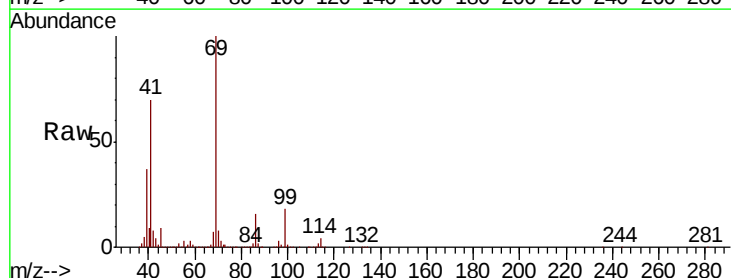
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

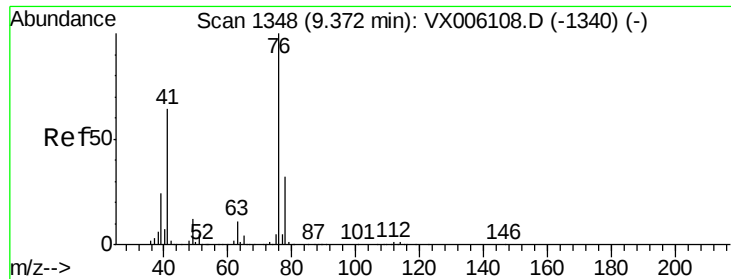
Tot Ion: 97 Resp: 145559
 Ion Ratio Lower Upper
 97 100
 83 90.2 70.7 106.1
 85 56.0 45.7 68.5
 99 62.5 51.4 77.2



#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





#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 :

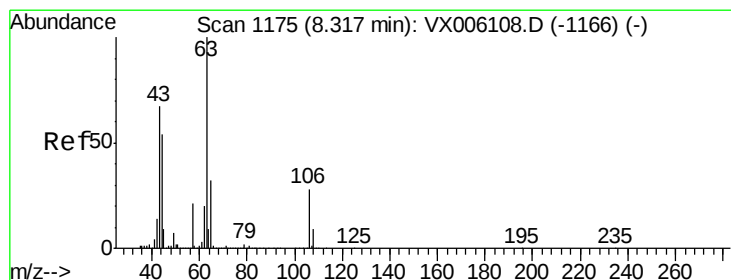
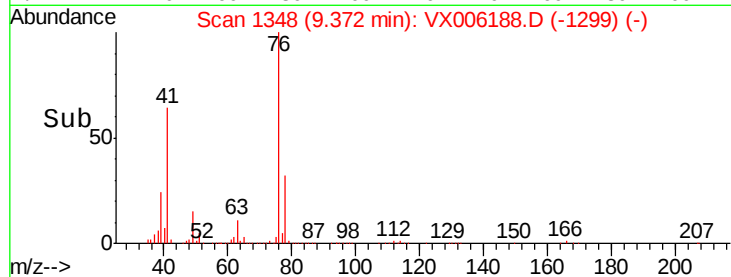
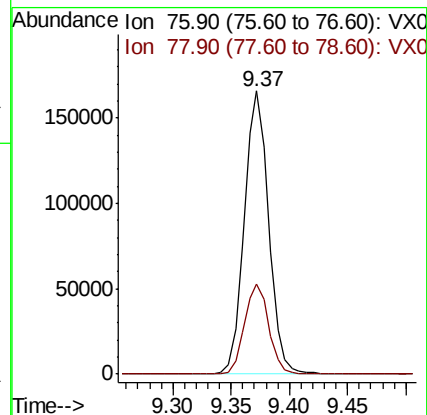
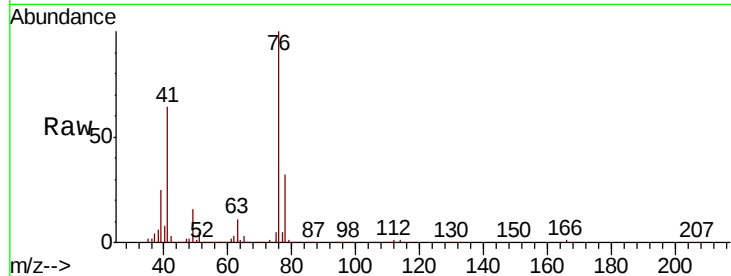
VSTDCCC050EC

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

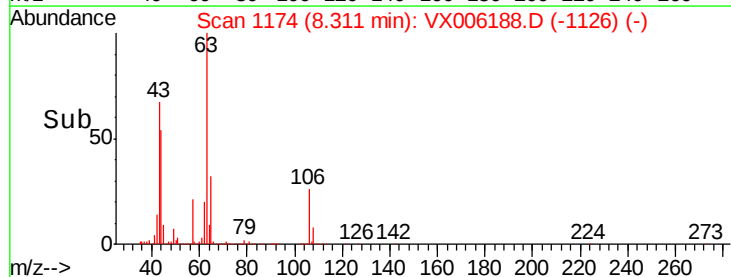
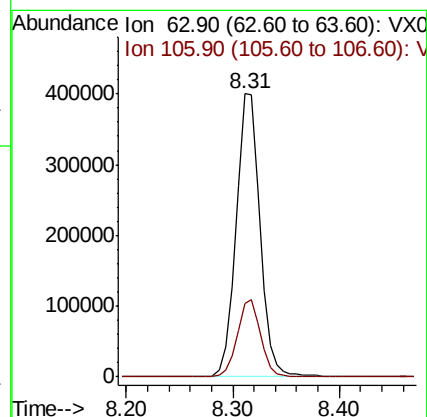
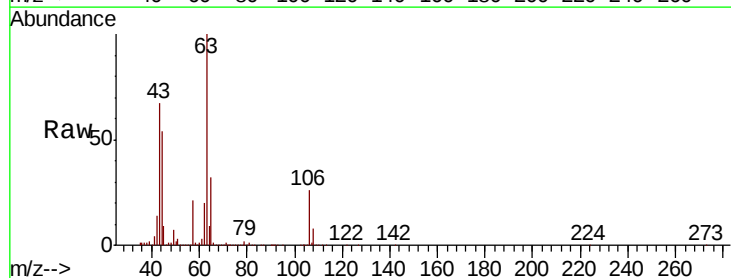
Acq: 26 Nov 2018 20:58

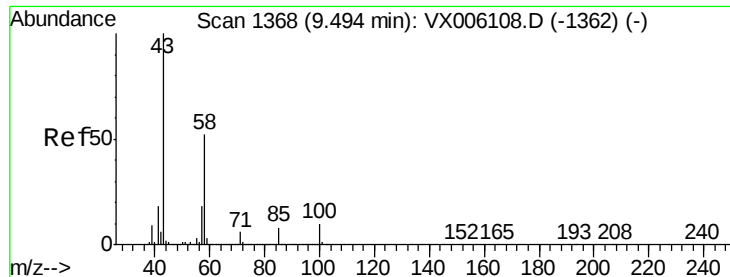
Tgt Ion: 63 Resp: 631135

Ion Ratio Lower Upper

63 100

106 26.8 21.7 32.5

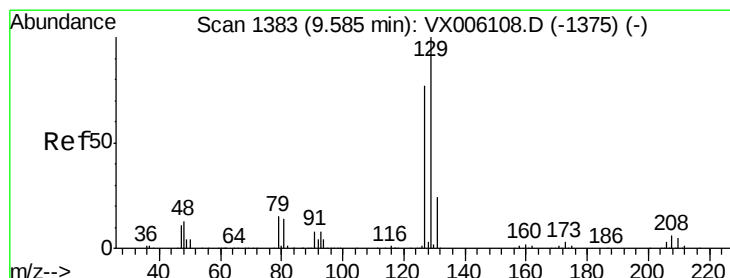
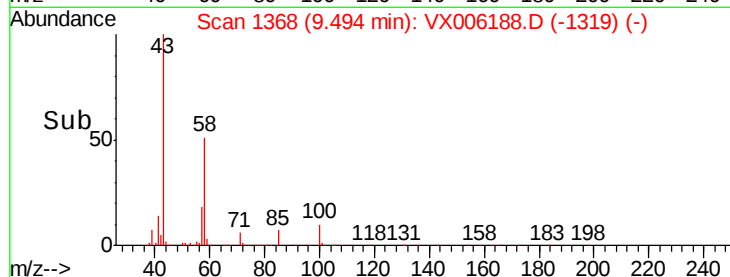
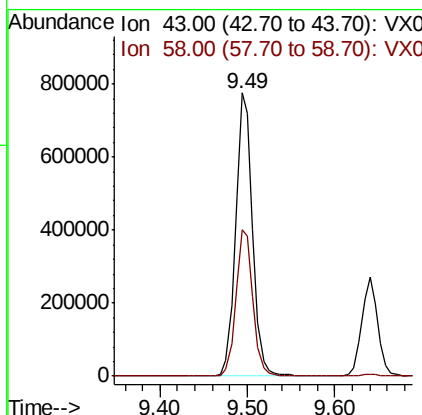
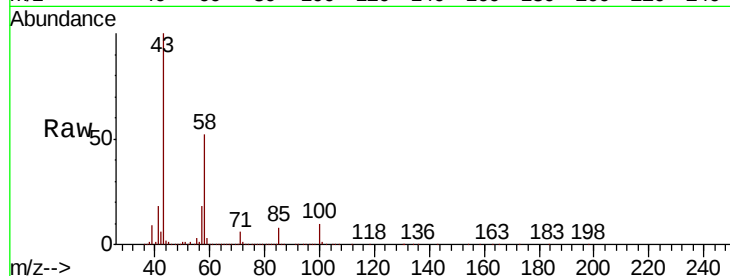




#59
2-Hexanone
Concen: 274.005 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

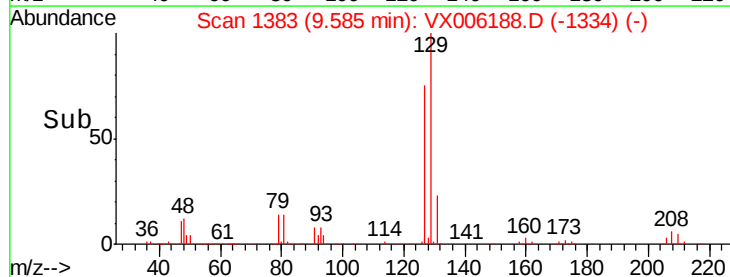
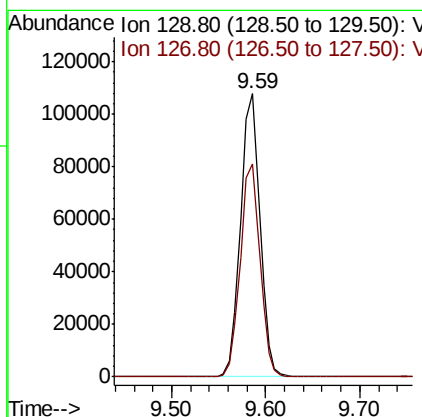
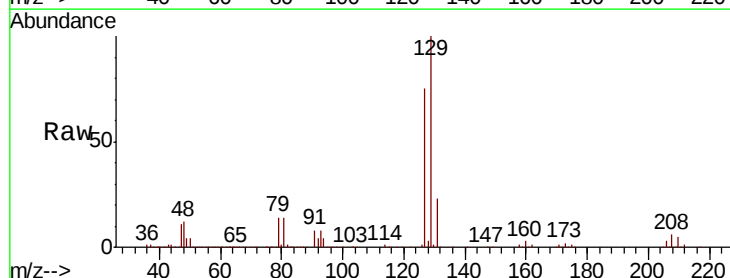
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

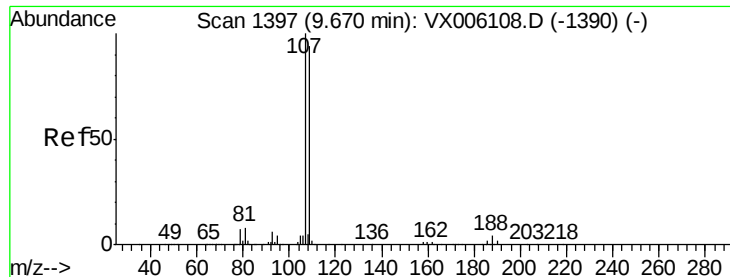
Tot Ion: 43 Resp: 1047345
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9



#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 :

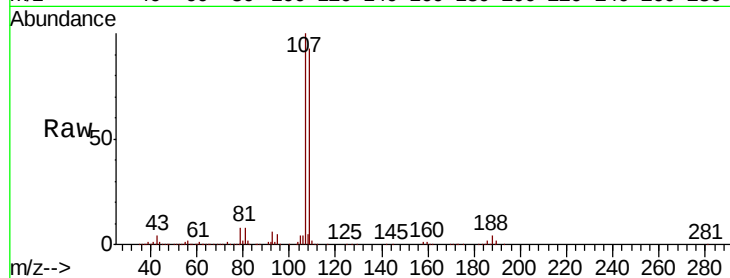
VSTDCCC050EC

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

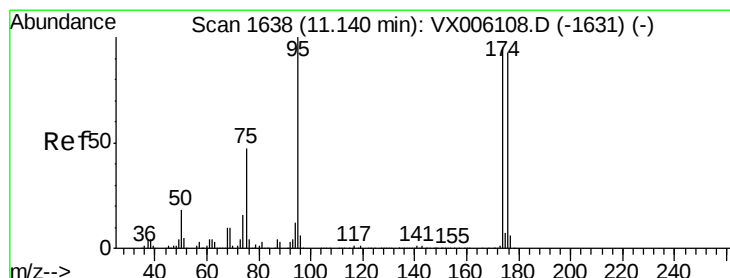
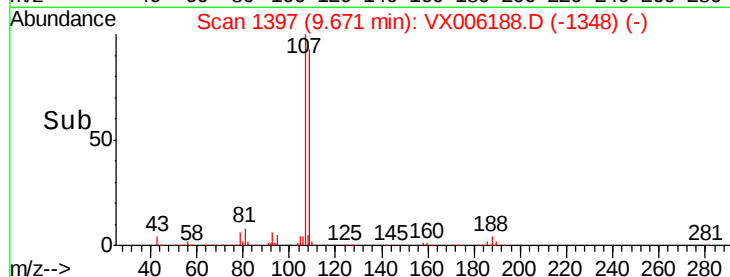
60000

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

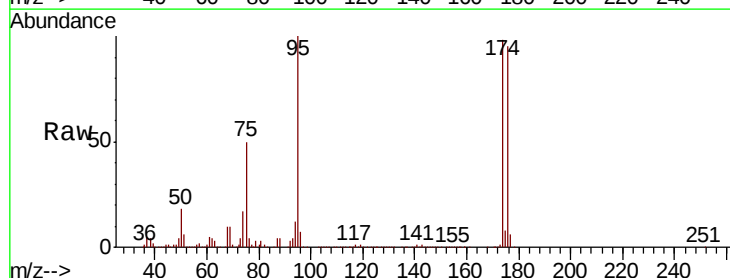
Tgt Ion: 95 Resp: 187379

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

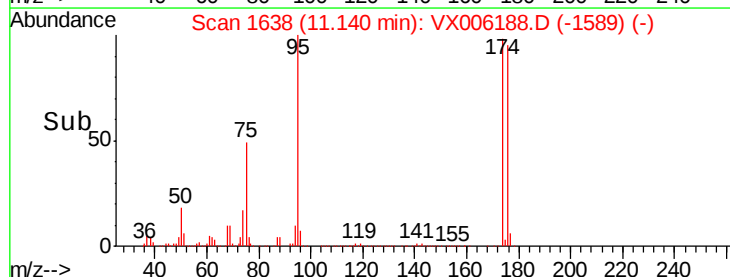
150000

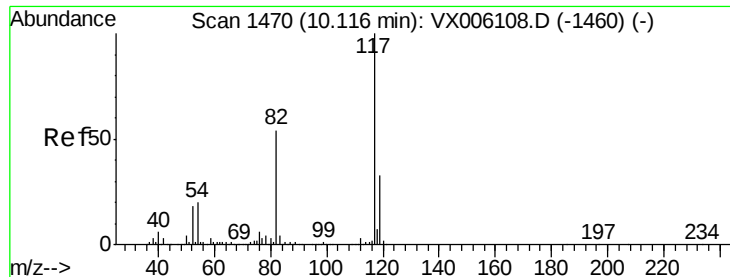
100000

50000

0

Time-->

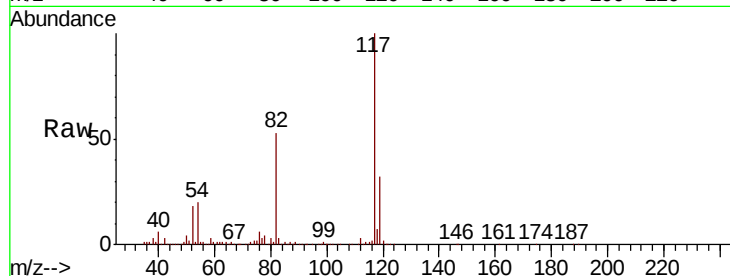




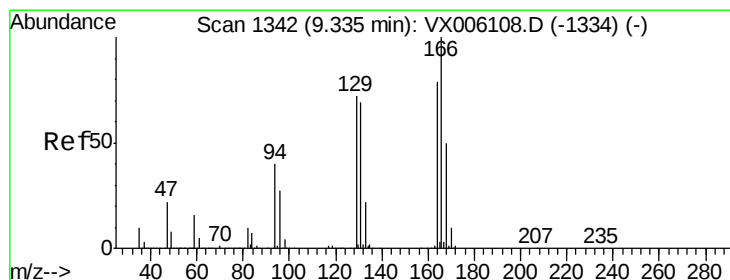
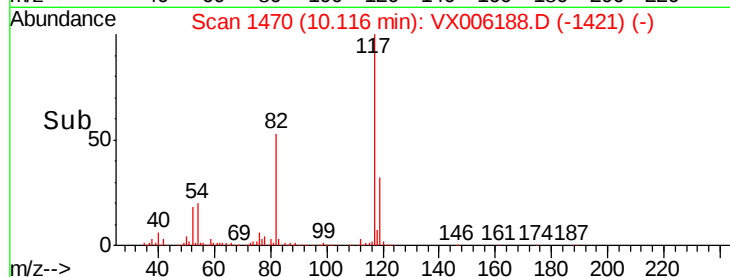
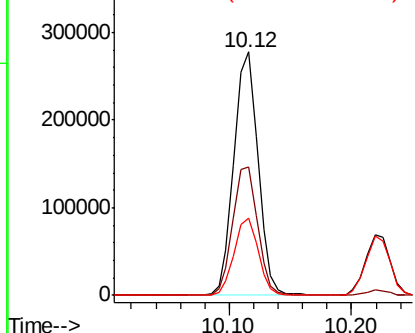
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

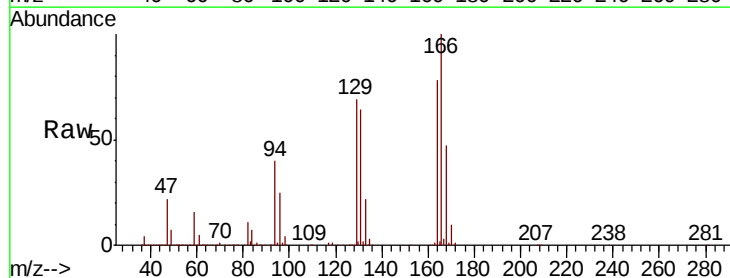


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

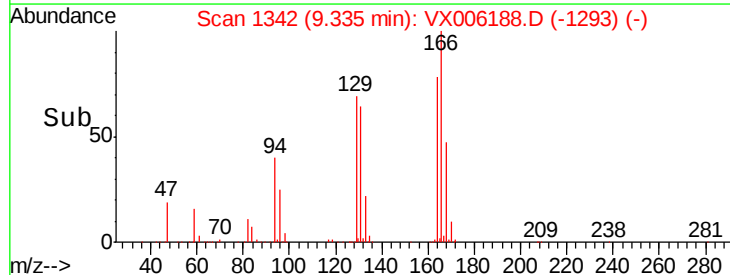
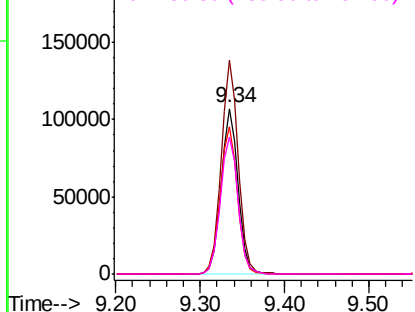


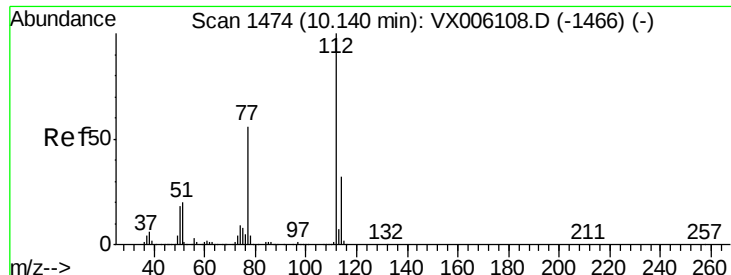
#64
Tetrachloroethene
Concen: 48.054 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

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



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

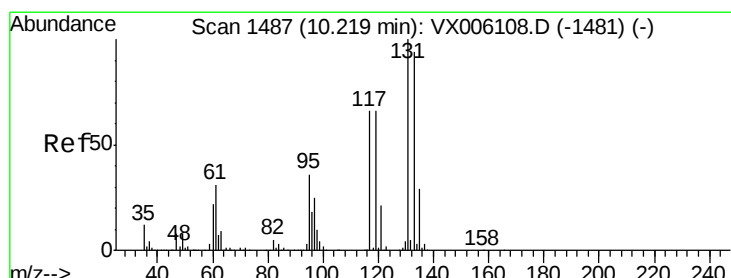
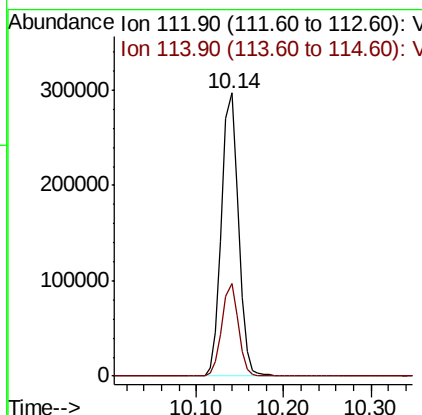
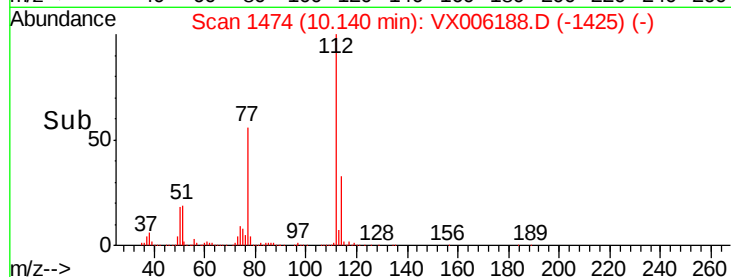
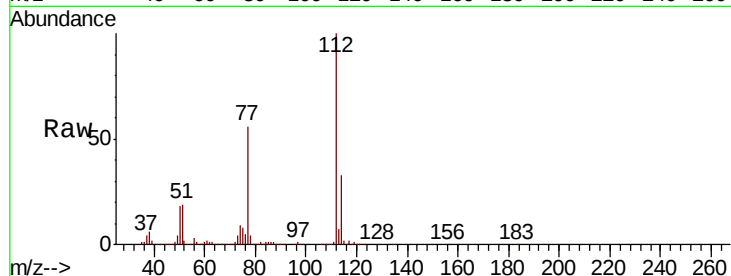




#65
Chlorobenzene
Concen: 51.156 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

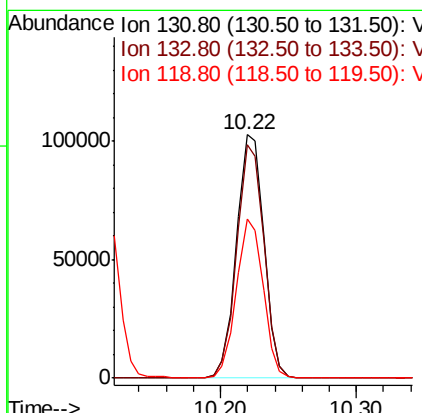
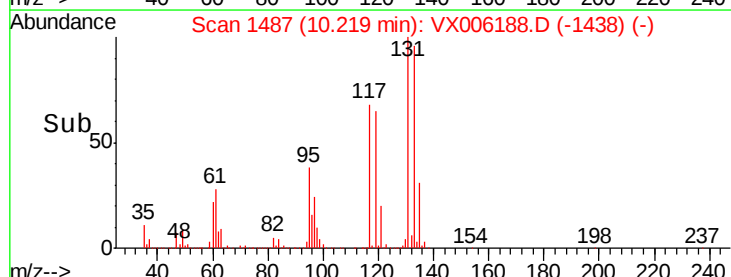
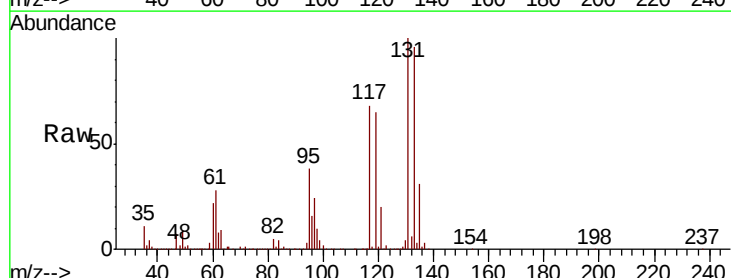
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

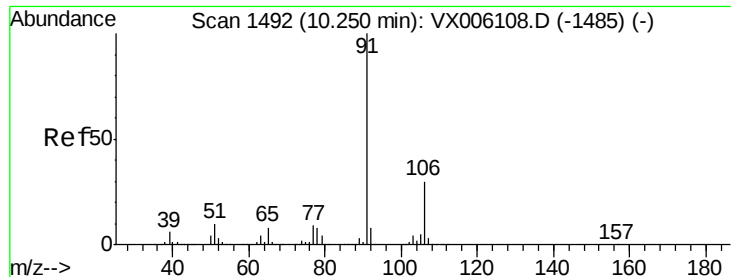
Tot Ion:112 Resp: 397391
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#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

ClientSampleId :

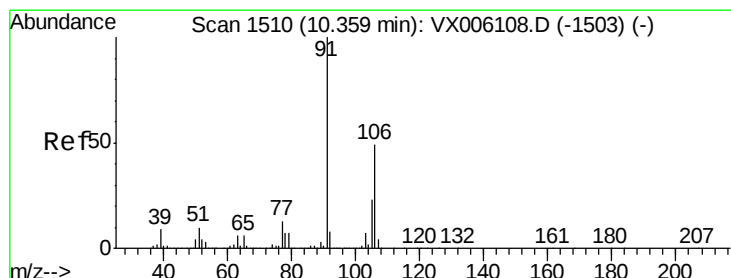
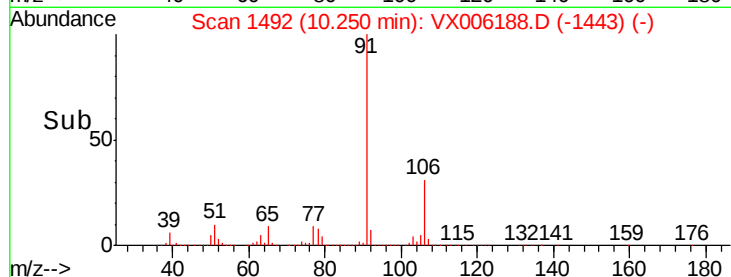
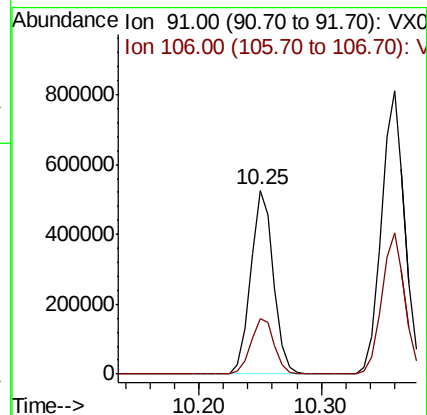
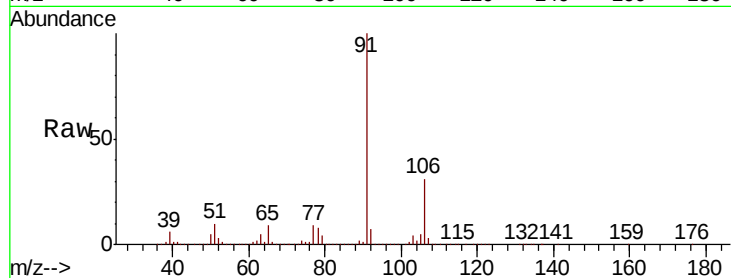
VSTDCCC050EC

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

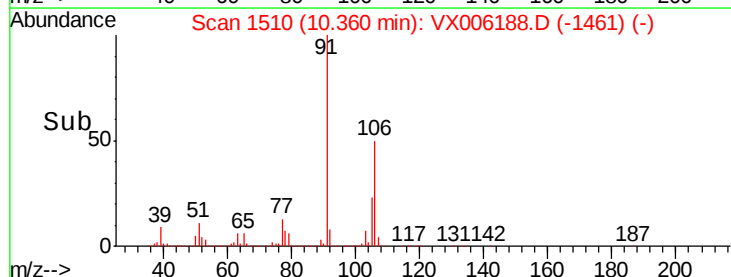
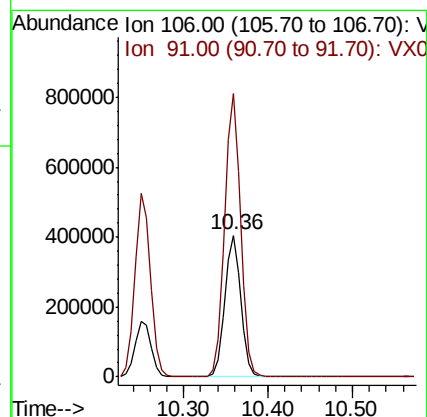
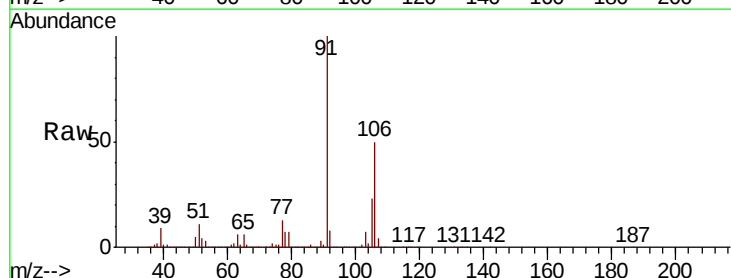
Acq: 26 Nov 2018 20:58

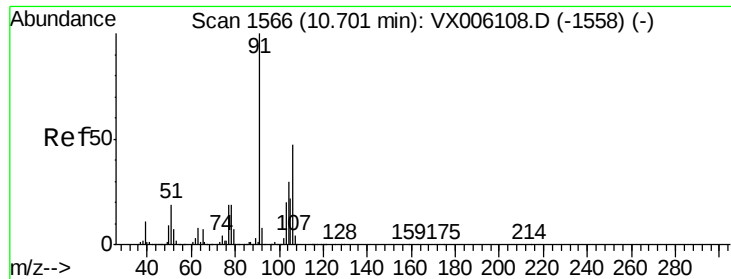
Tgt Ion: 106 Resp: 531549

Ion Ratio Lower Upper

106 100

91 201.3 162.0 243.0

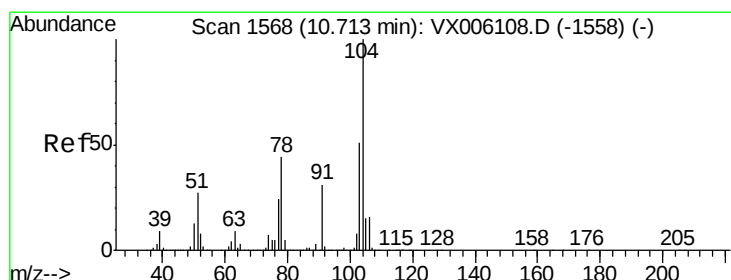
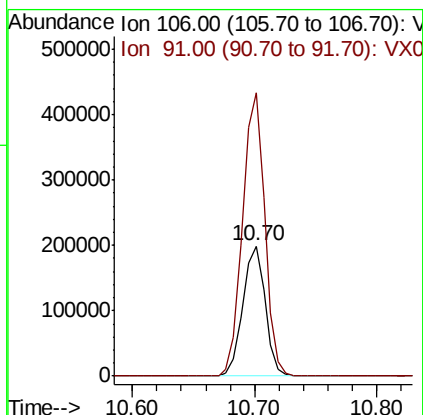
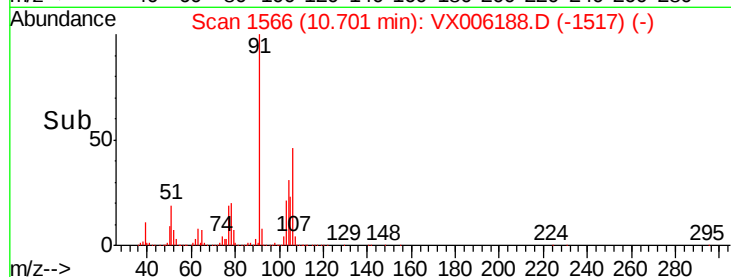
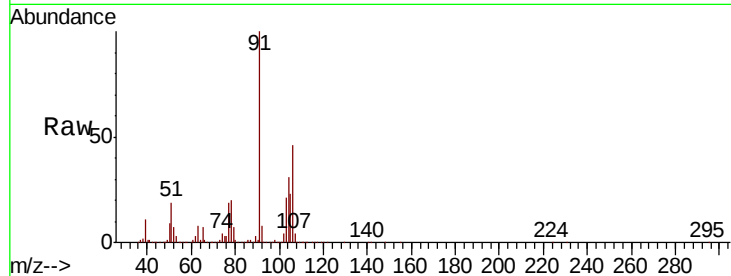




#69
o-Xylene
Concen: 53.264 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

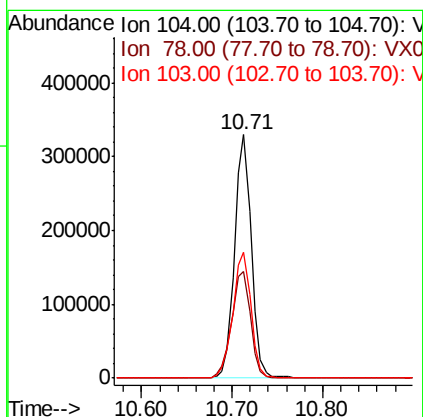
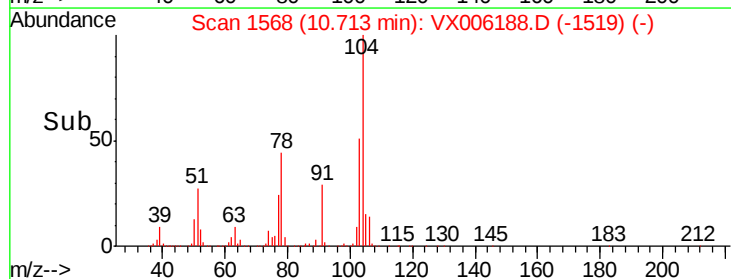
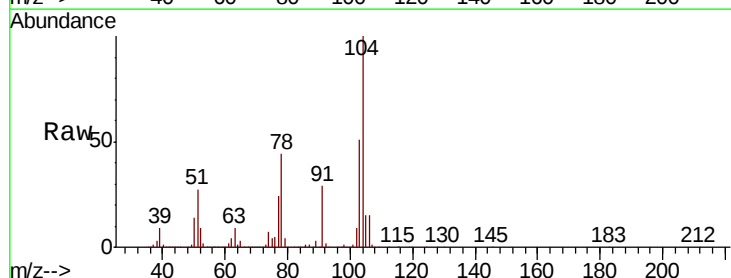
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

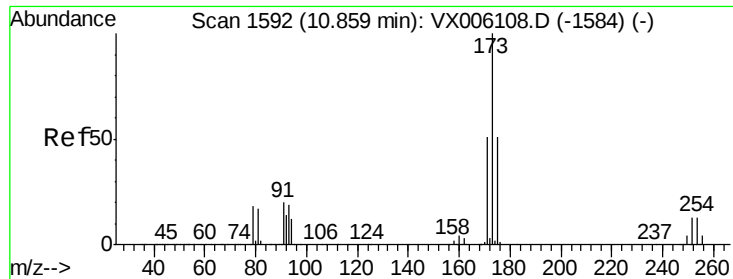
Tot Ion:106 Resp: 251993
Ion Ratio Lower Upper
106 100
91 215.9 107.4 322.2



#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 :

VSTDCCC050EC

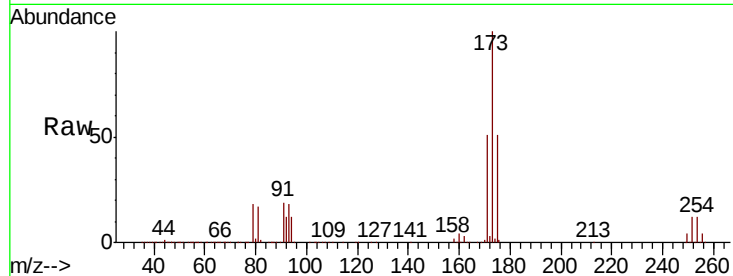
Tot Ion:173 Resp: 129165

Ion Ratio Lower Upper

173 100

175 49.1 24.9 74.6

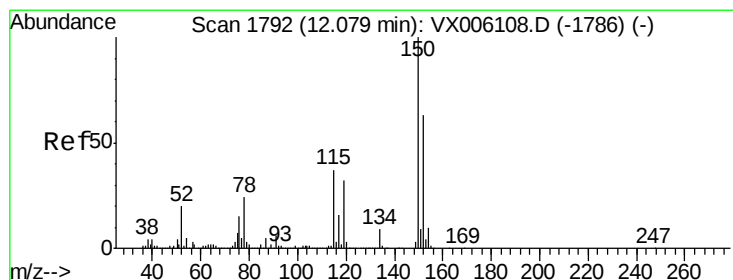
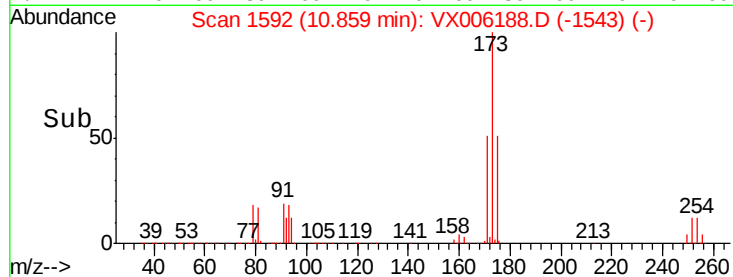
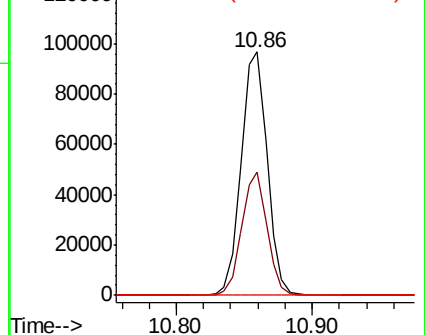
254 0.2 0.2 0.2



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

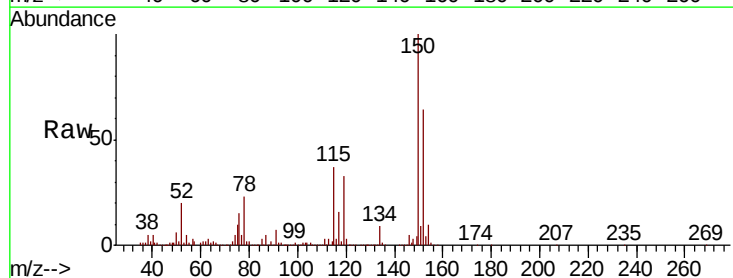
Tgt Ion:152 Resp: 214788

Ion Ratio Lower Upper

152 100

115 77.7 39.0 116.9

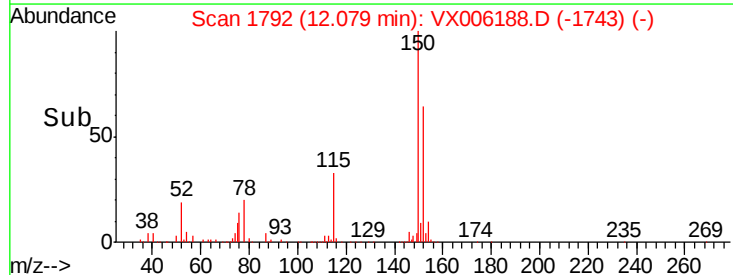
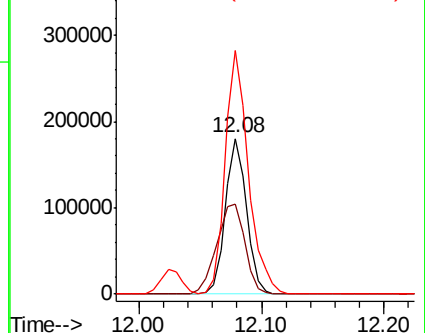
150 172.5 0.0 346.6

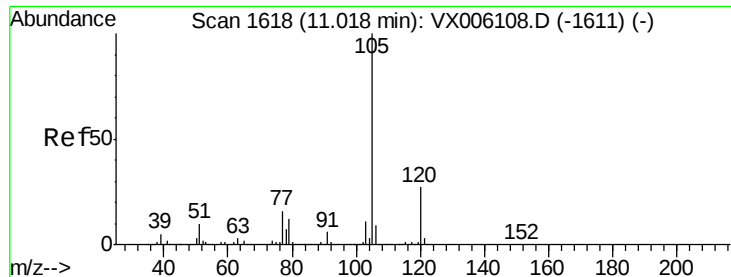


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

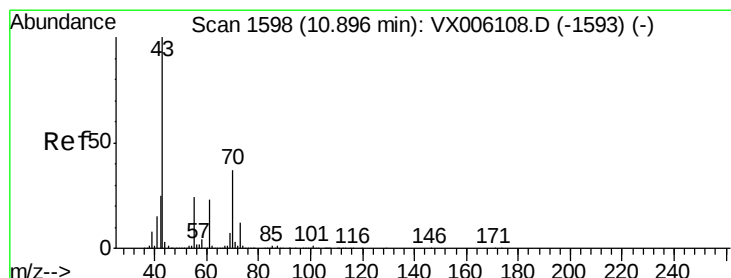
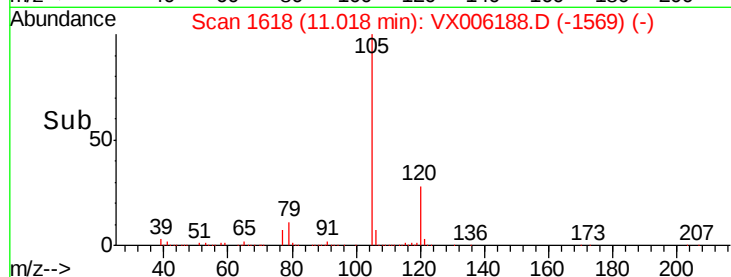
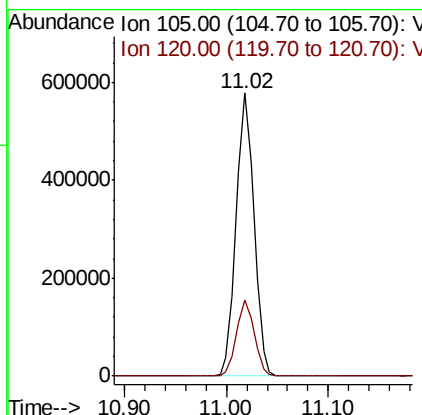
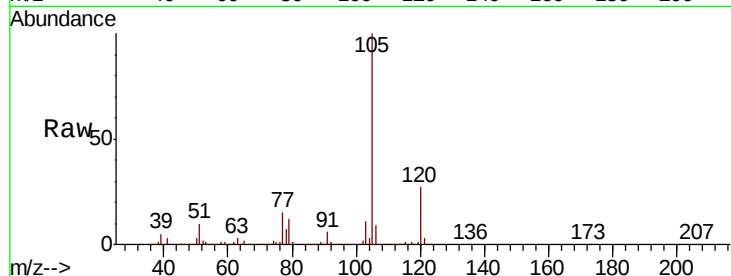




#73
Isopropylbenzene
Concen: 53.371 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

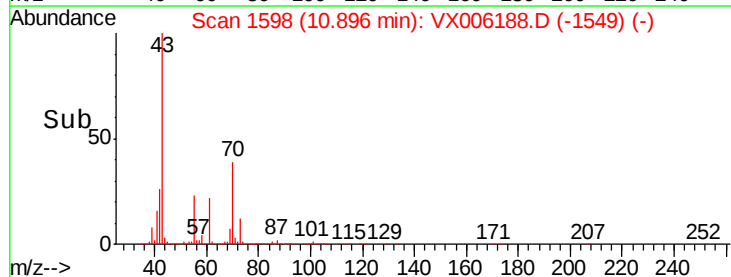
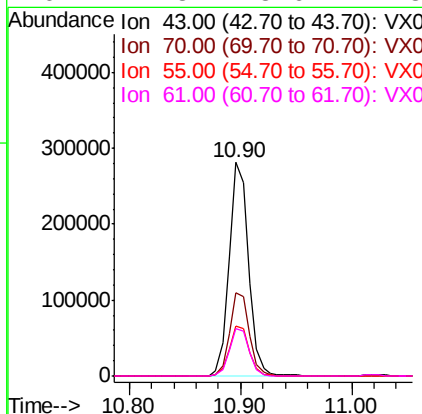
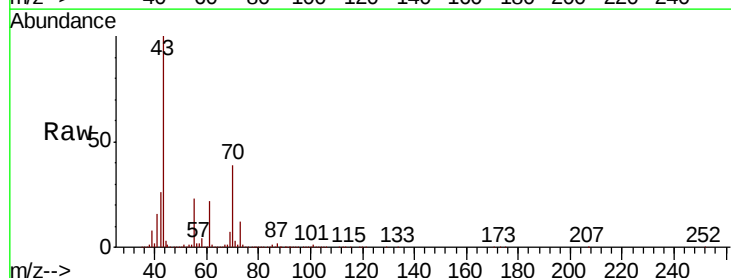
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

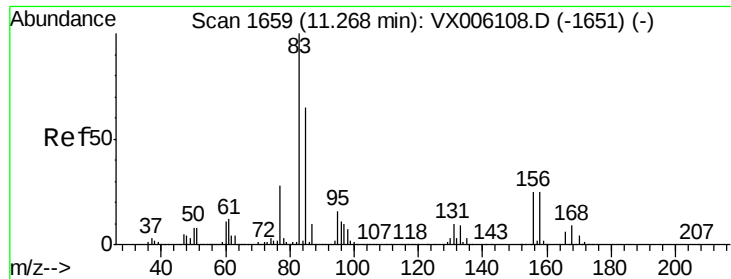
Tot Ion:105 Resp: 693606
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.8



#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 :

VSTDCCC050EC

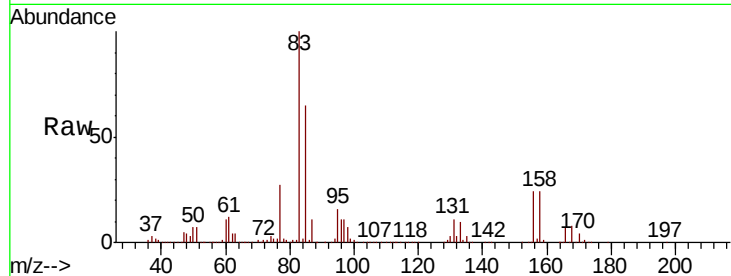
Tot Ion: 83 Resp: 245084

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

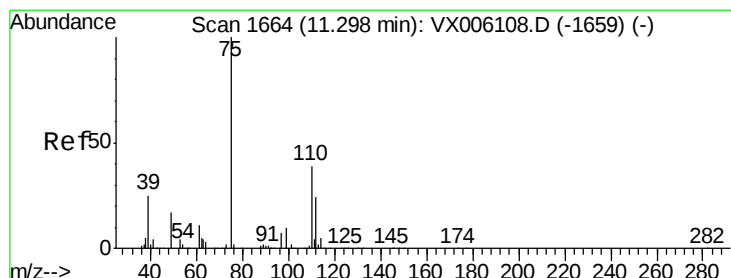
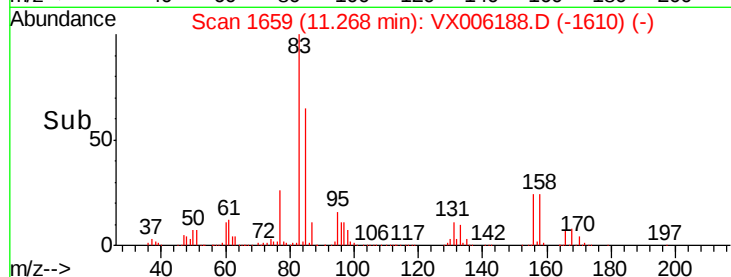
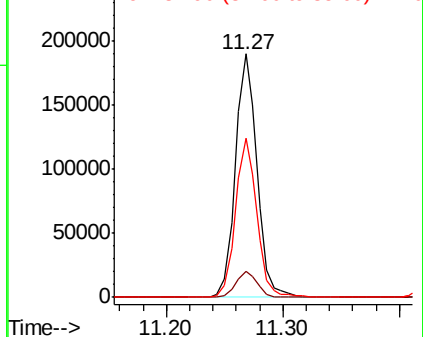
85 64.7 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.494 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006188.D

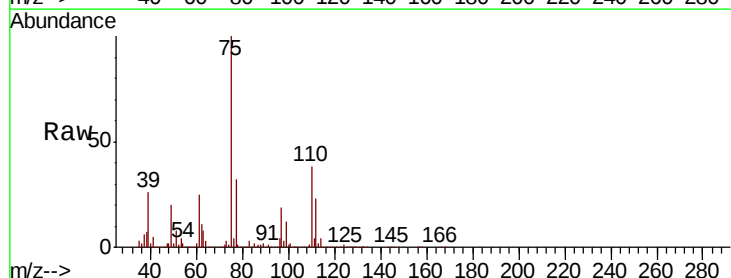
Acq: 26 Nov 2018 20:58

Tgt Ion: 75 Resp: 289618

Ion Ratio Lower Upper

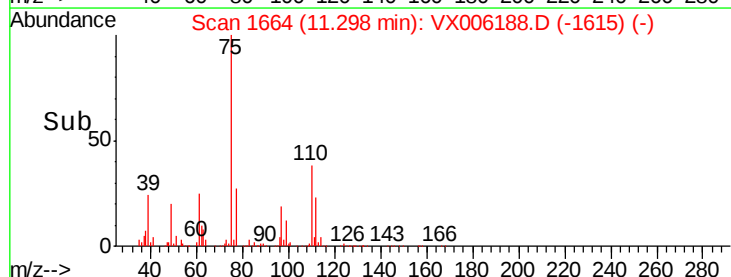
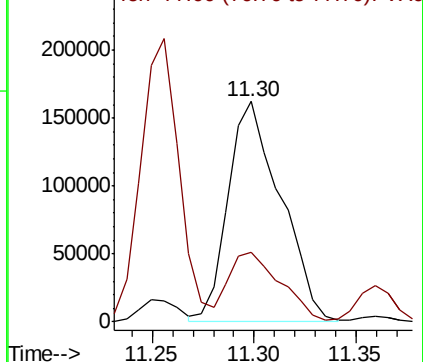
75 100

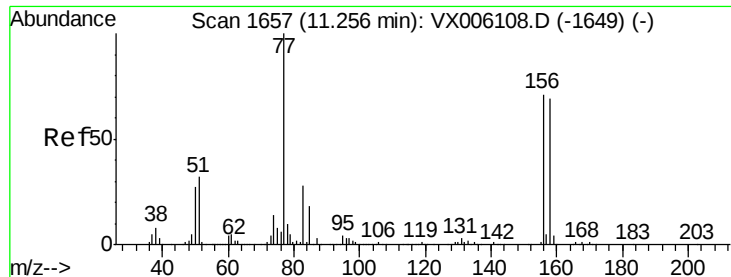
77 31.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#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 :

VSTDCCC050EC

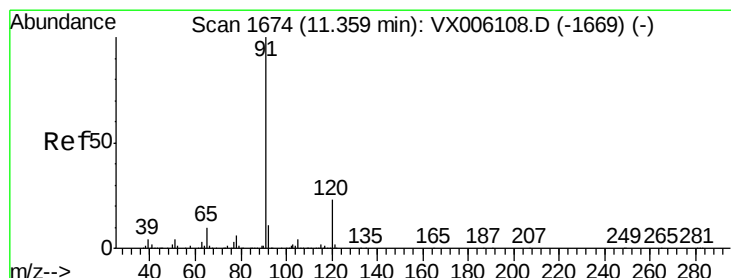
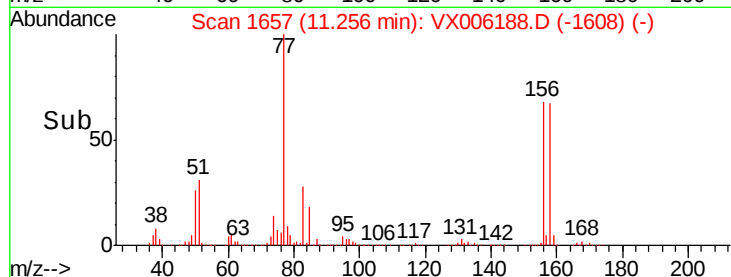
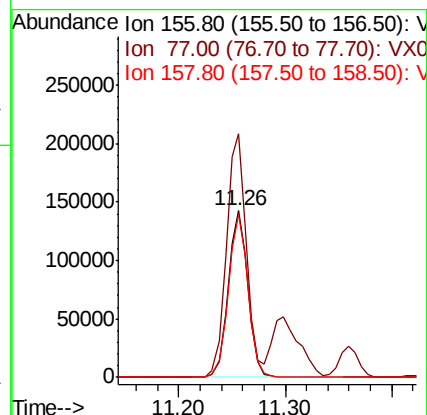
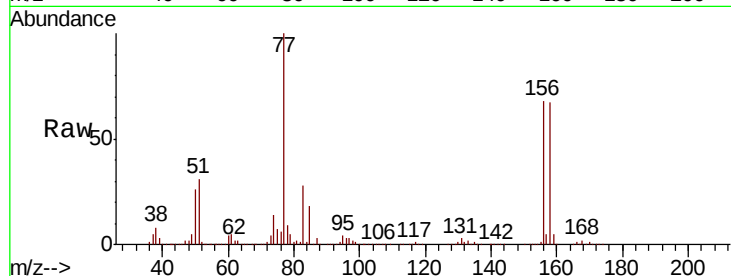
Tot Ion:156 Resp: 182780

Ion Ratio Lower Upper

156 100

77 149.1 74.3 222.8

158 97.9 49.0 147.0



#78

n-propylbenzene

Concen: 53.262 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006188.D

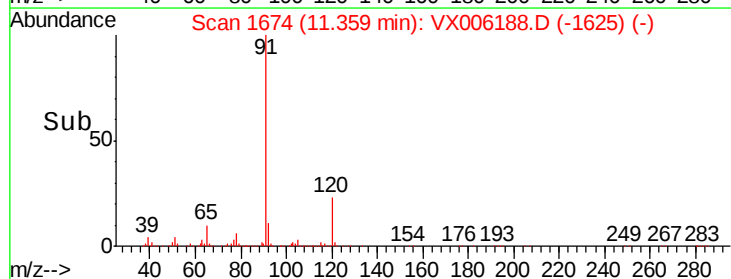
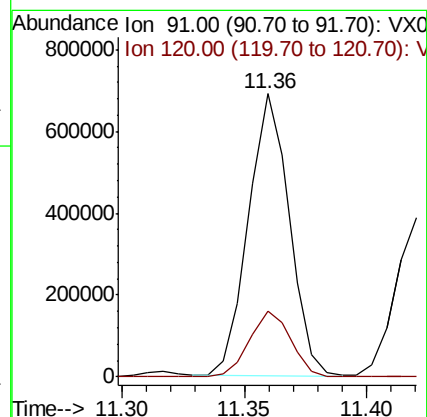
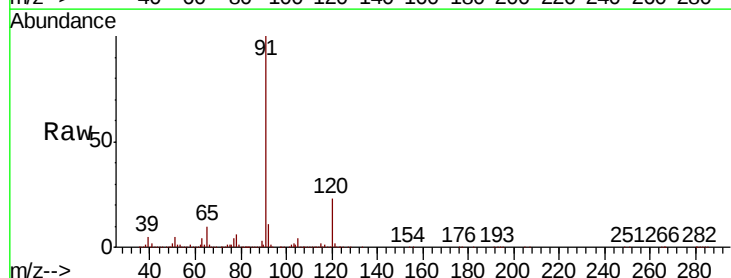
Acq: 26 Nov 2018 20:58

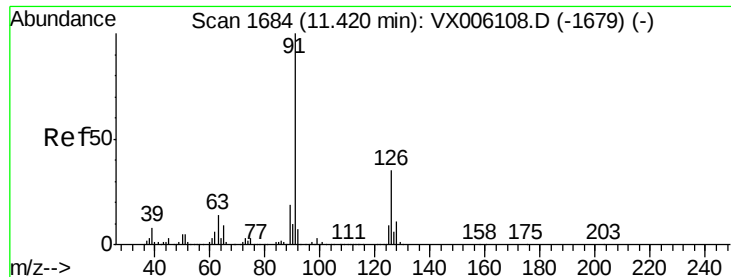
Tgt Ion: 91 Resp: 806101

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.3

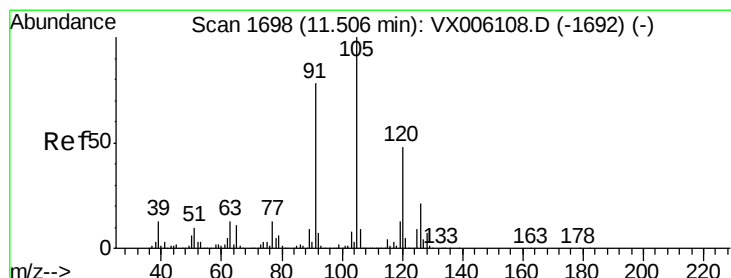
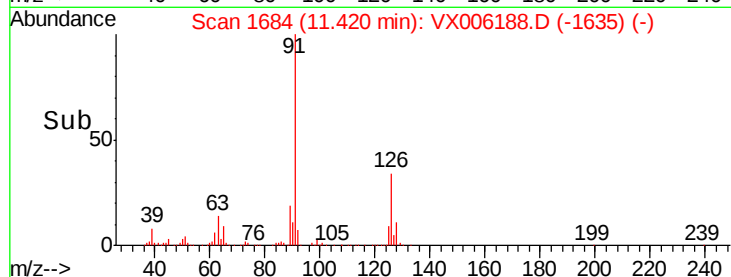
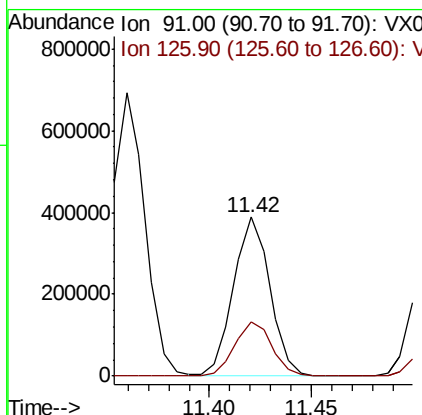
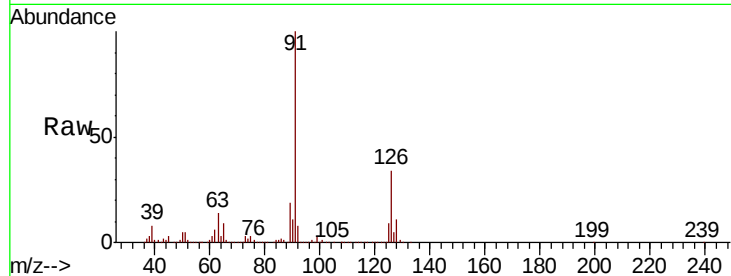




#79
2-Chlorotoluene
Concen: 52.173 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX006188.D
Acq: 26 Nov 2018 20:58

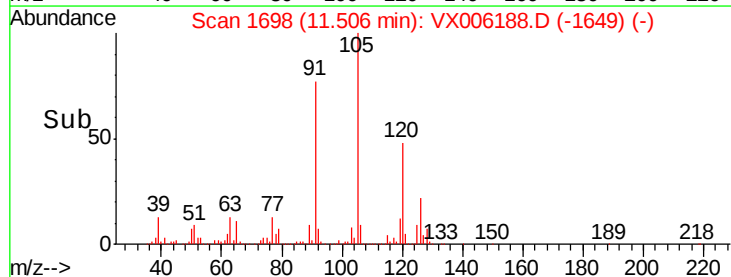
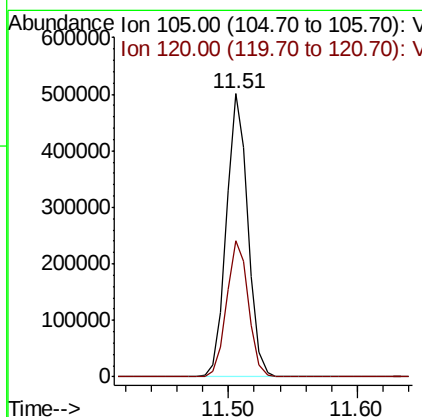
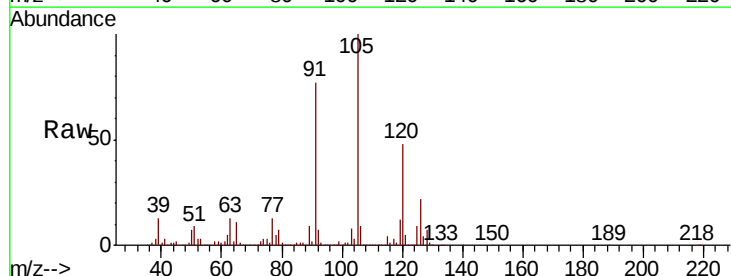
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

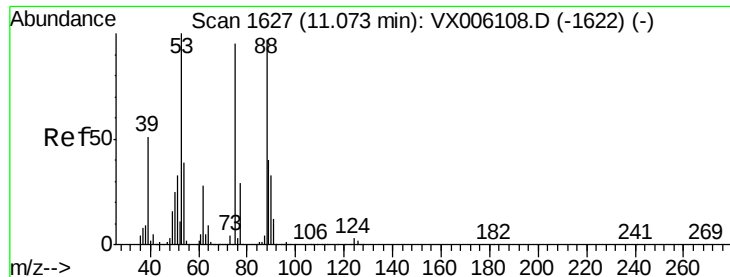
Tot Ion: 91 Resp: 477707
Ion Ratio Lower Upper
91 100
126 35.0 17.6 52.9



#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

ClientSampleId :

VSTDCCC050EC

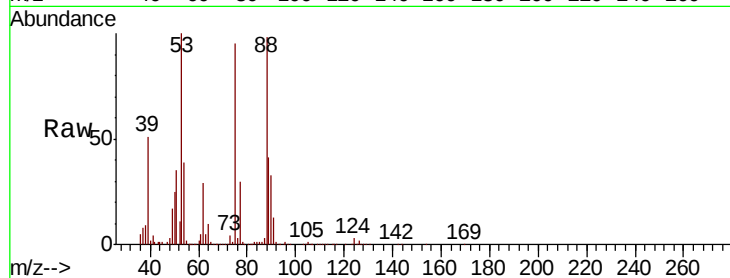
Tot Ion: 75 Resp: 71444

Ion Ratio Lower Upper

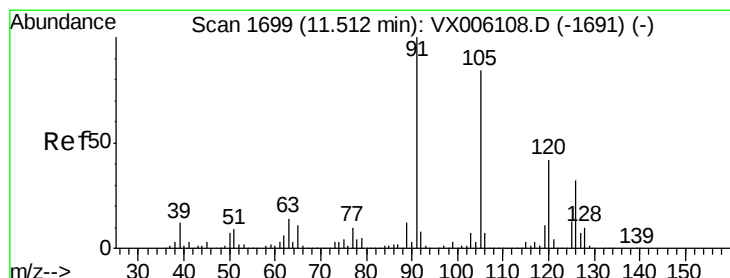
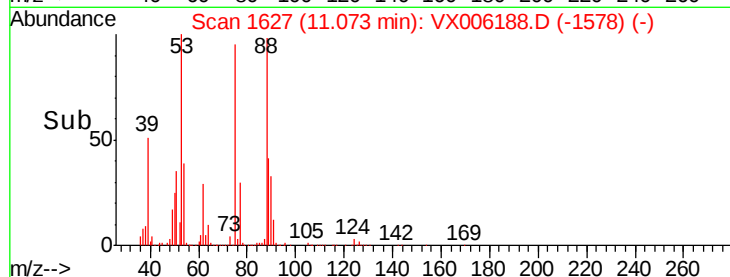
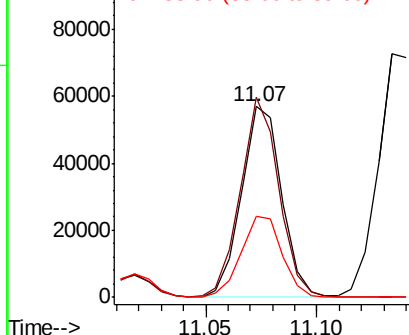
75 100

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

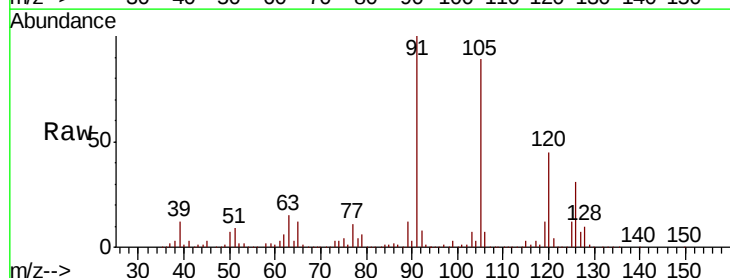
Acq: 26 Nov 2018 20:58

Tgt Ion: 91 Resp: 564123

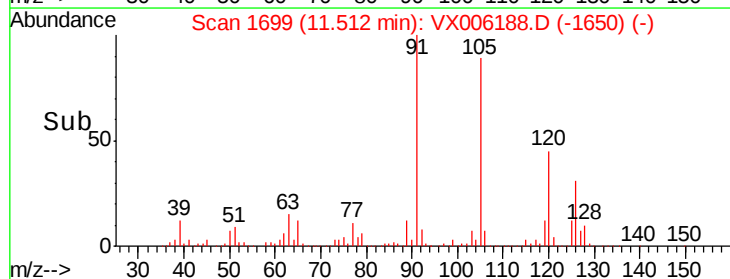
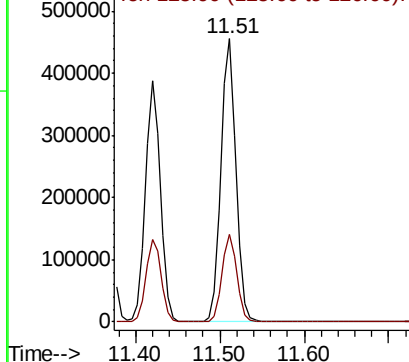
Ion Ratio Lower Upper

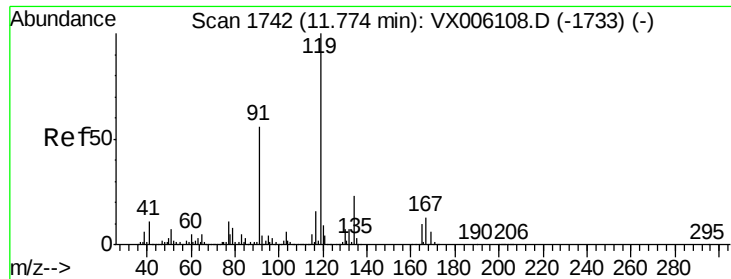
91 100

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

ClientSampleId :

VSTDCCC050EC

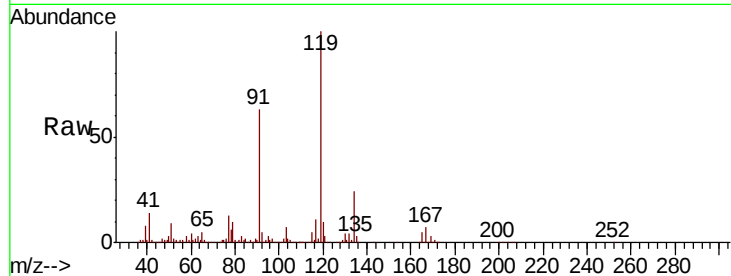
Tot Ion:119 Resp: 578204

Ion Ratio Lower Upper

119 100

91 56.0 28.2 84.6

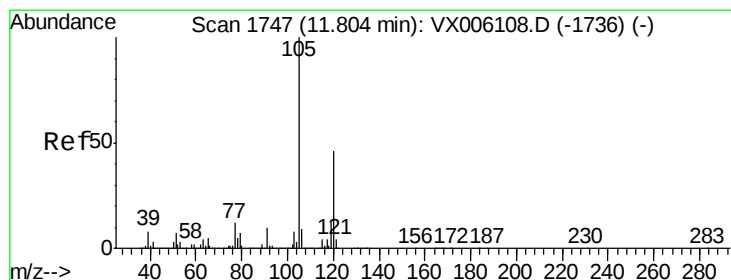
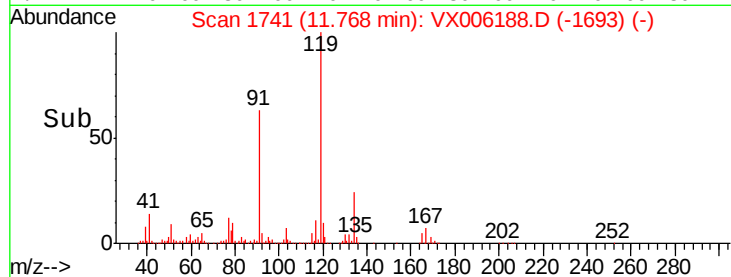
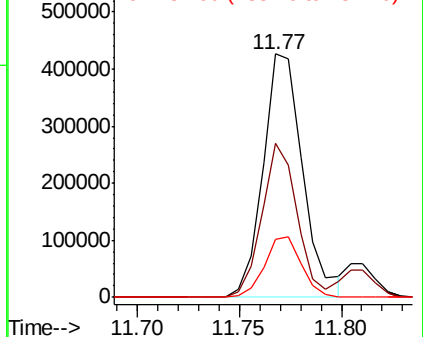
134 23.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.188 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006188.D

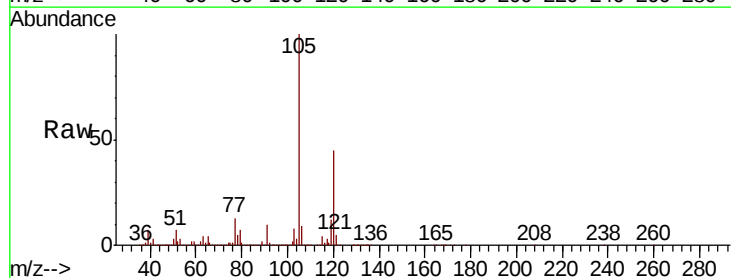
Acq: 26 Nov 2018 20:58

Tgt Ion:105 Resp: 605643

Ion Ratio Lower Upper

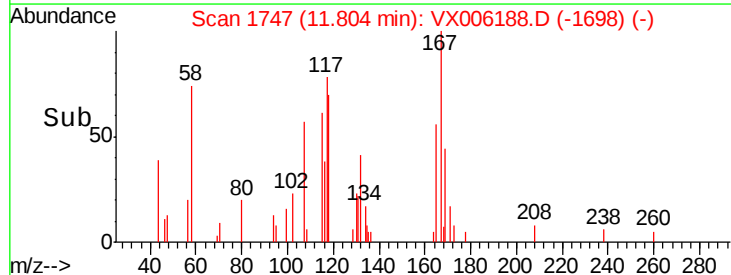
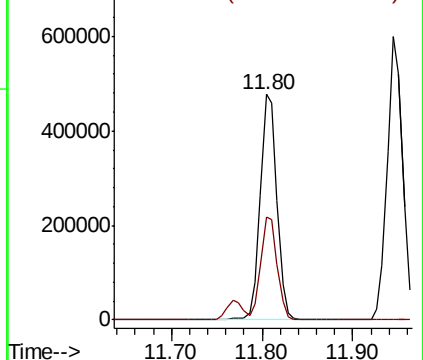
105 100

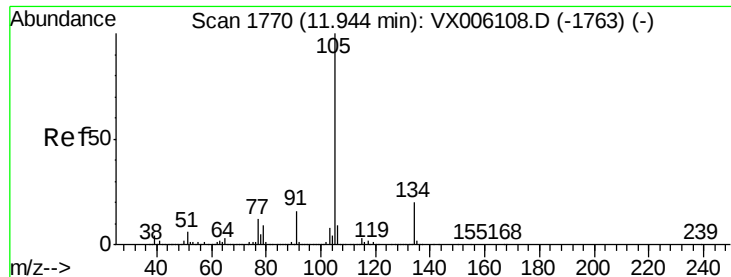
120 45.0 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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 :

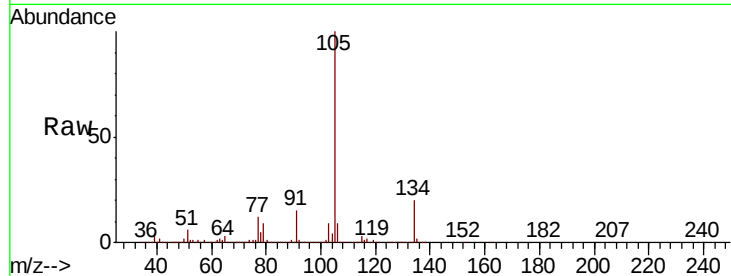
VSTDCCC050EC

Tot Ion:105 Resp: 705920

Ion Ratio Lower Upper

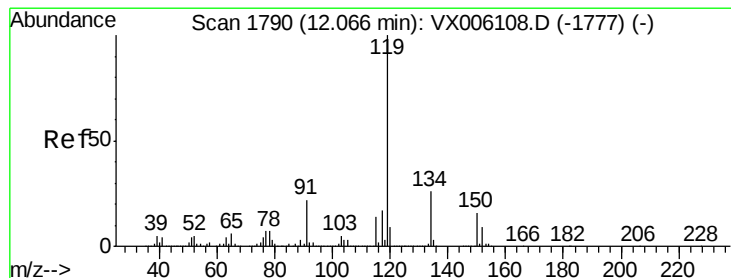
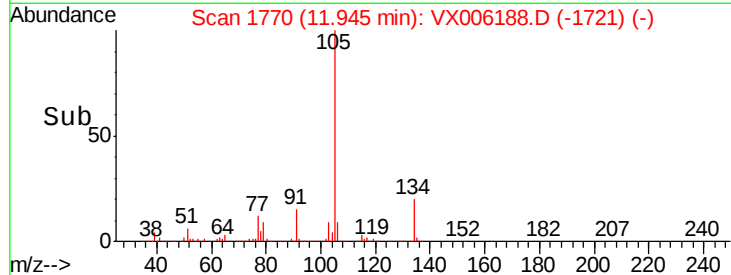
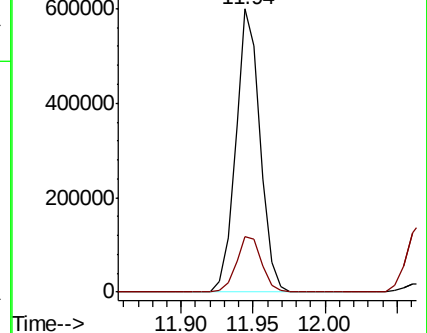
105 100

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



#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

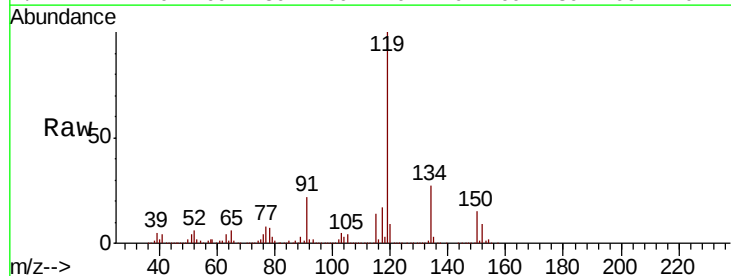
Tgt Ion:119 Resp: 632759

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

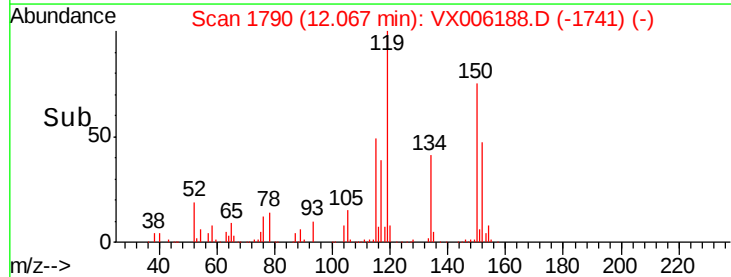
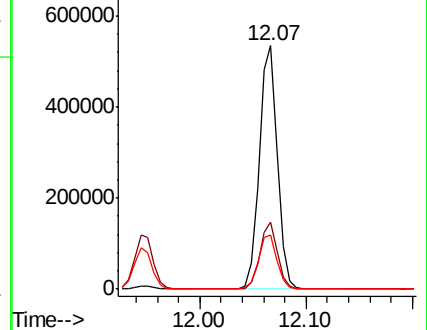
91 22.9 11.3 33.9

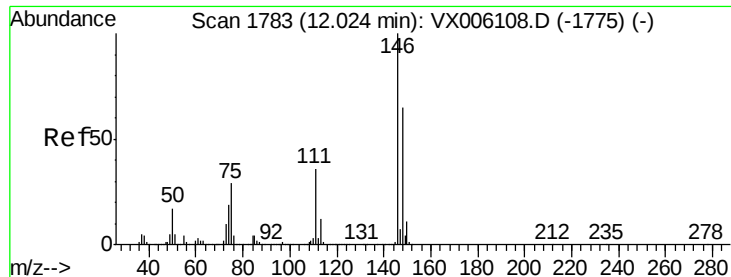


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#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 :

VSTDCCC050EC

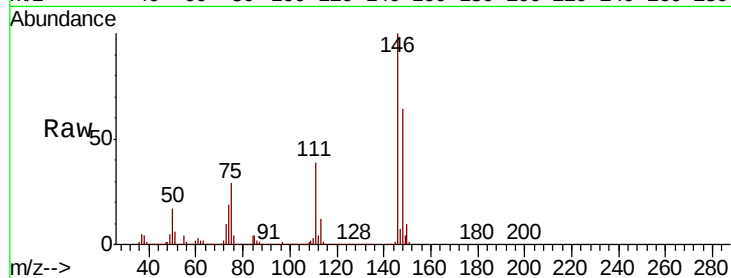
Tot Ion:146 Resp: 337492

Ion Ratio Lower Upper

146 100

111 37.9 18.8 56.3

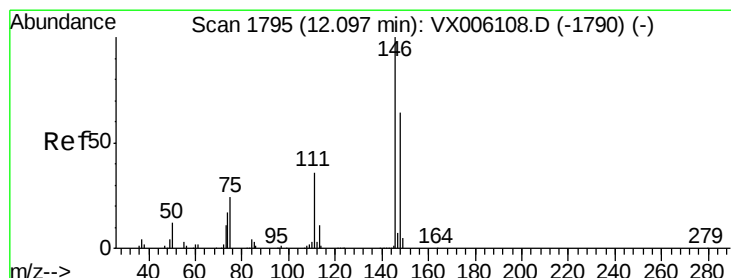
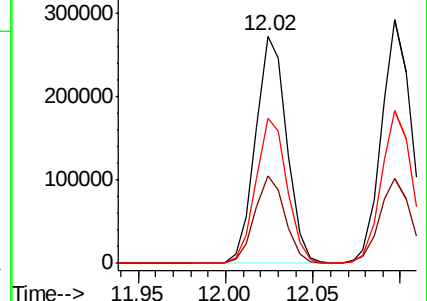
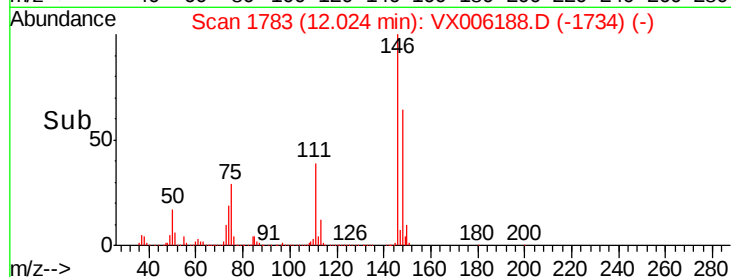
148 64.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 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

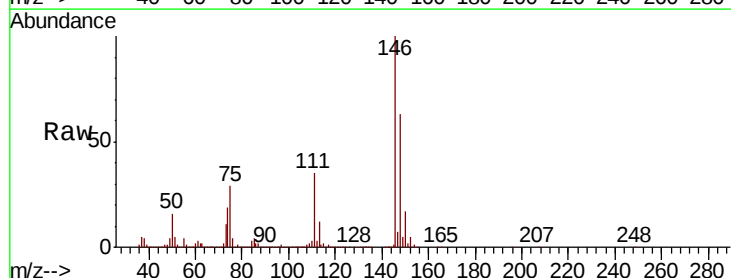
Tgt Ion:146 Resp: 347073

Ion Ratio Lower Upper

146 100

111 36.4 18.3 54.9

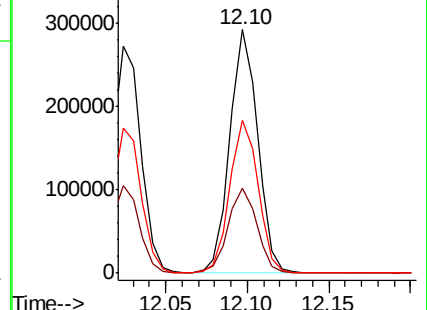
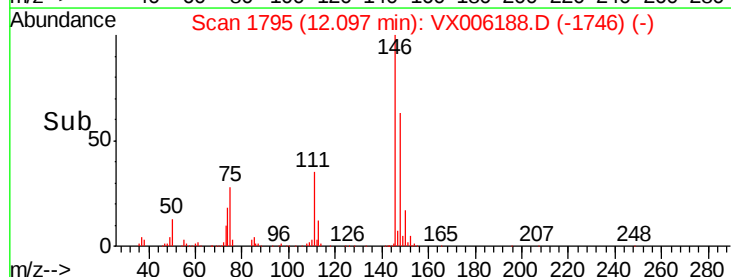
148 63.8 32.2 96.6

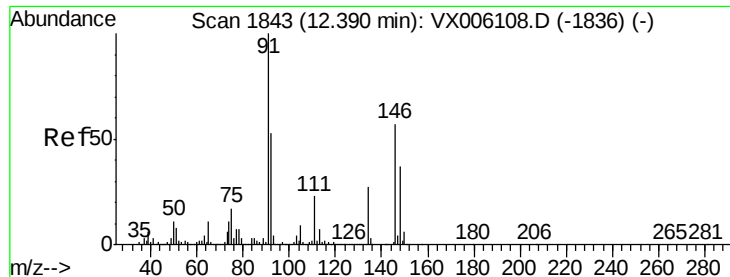


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 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 :

VSTDCCC050EC

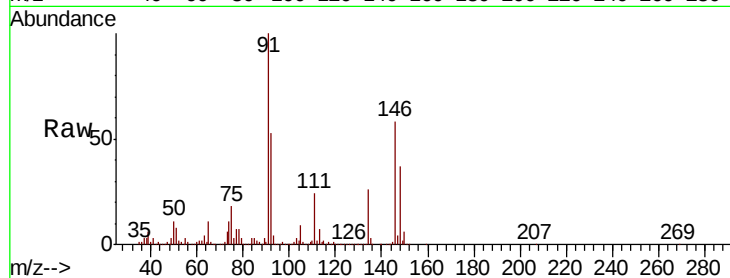
Tot Ion: 91 Resp: 557948

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 25.9 13.1 39.3



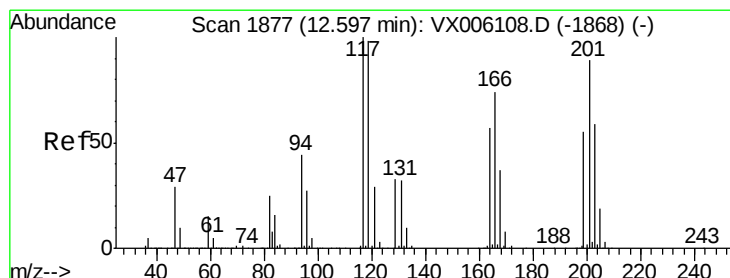
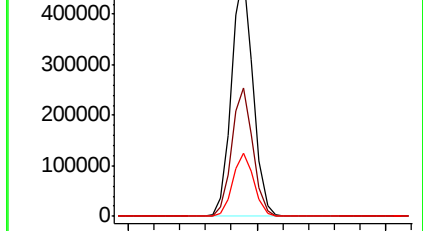
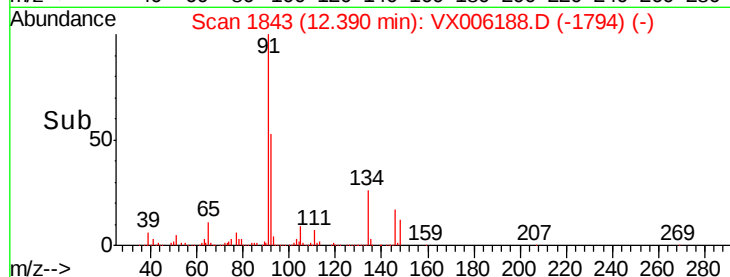
Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1836) (-)

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

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

12.39

Time-->



#90

Hexachloroethane

Concen: 54.994 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006188.D

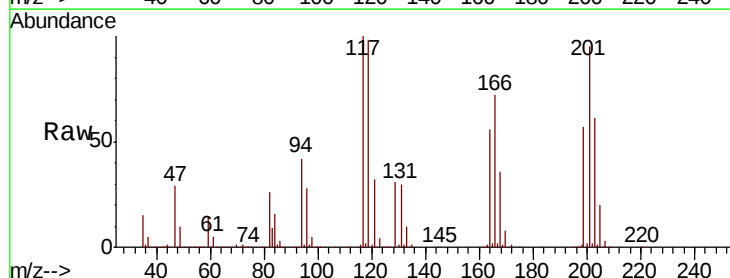
Acq: 26 Nov 2018 20:58

Tgt Ion: 117 Resp: 102374

Ion Ratio Lower Upper

117 100

201 94.6 46.1 138.2

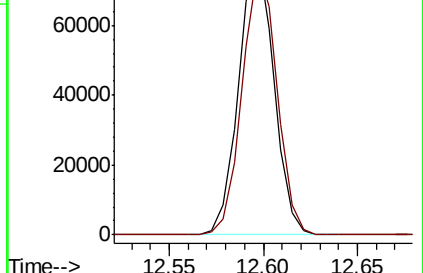
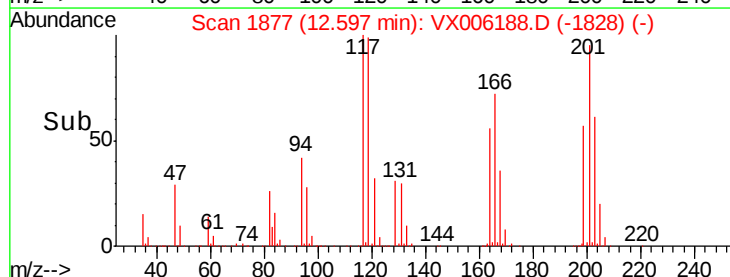


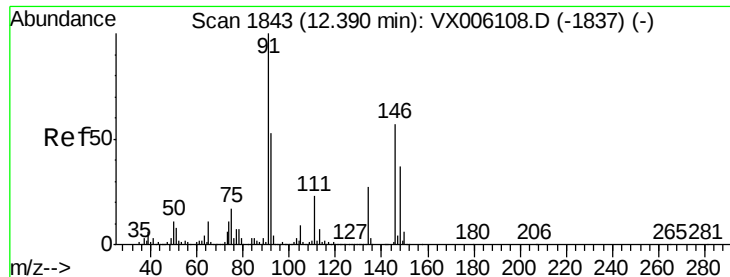
Abundance Ion 116.80 (116.50 to 117.50): VX006108.D (-1868) (-)

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

12.60

Time-->





#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 :

VSTDCCC050EC

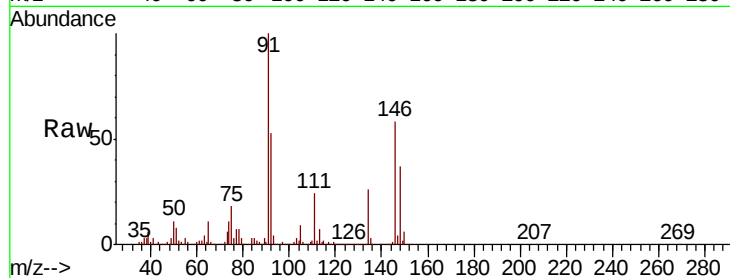
Tot Ion:146 Resp: 335938

Ion Ratio Lower Upper

146 100

111 40.6 19.6 58.8

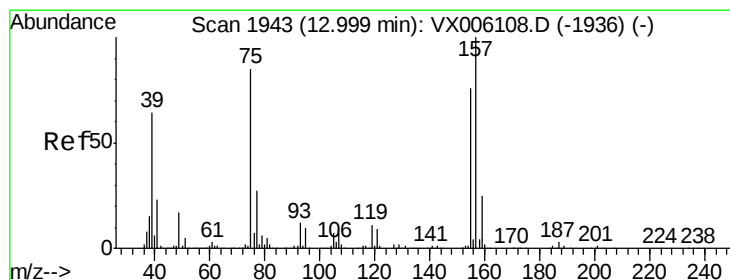
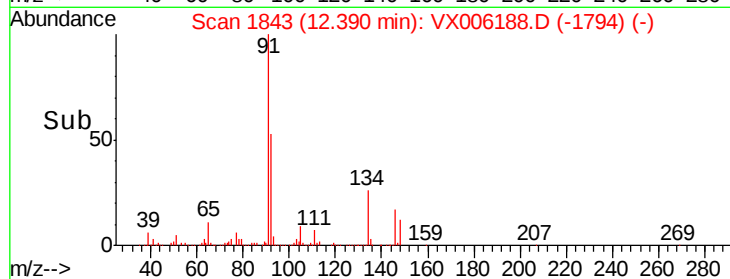
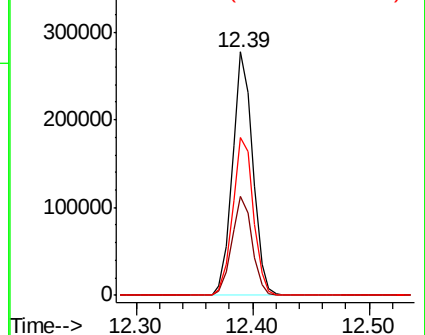
148 66.1 32.0 96.0



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

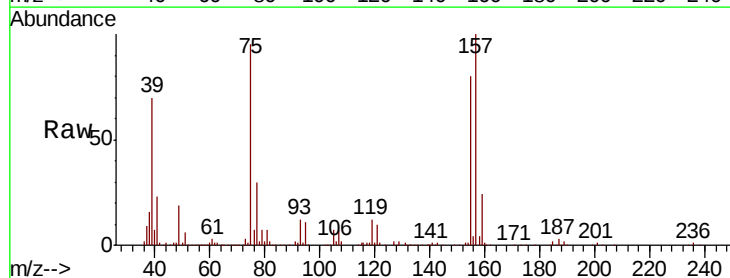
Tgt Ion: 75 Resp: 60507

Ion Ratio Lower Upper

75 100

155 90.7 46.1 138.3

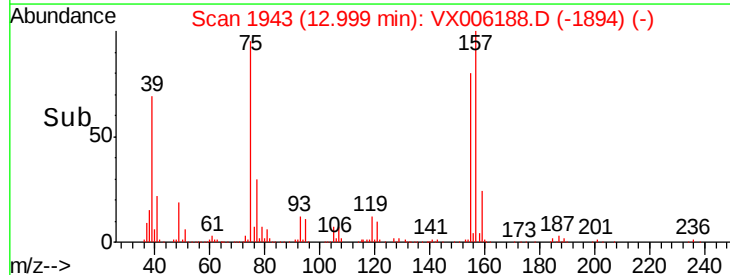
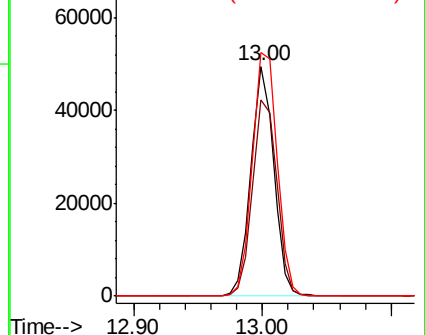
157 114.5 59.8 179.3

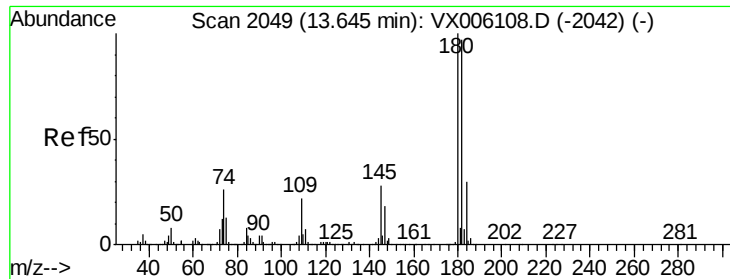


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

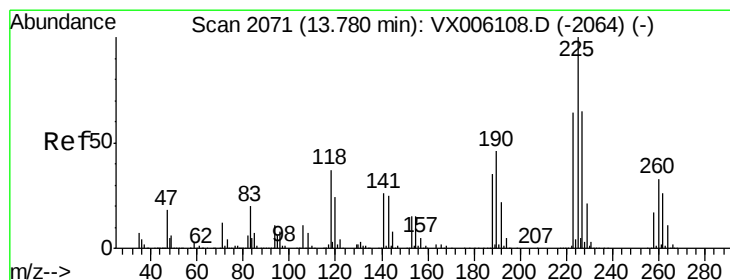
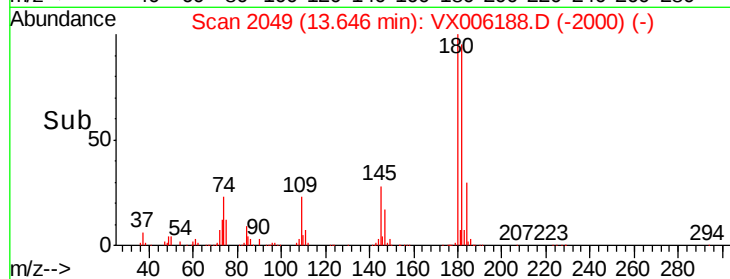
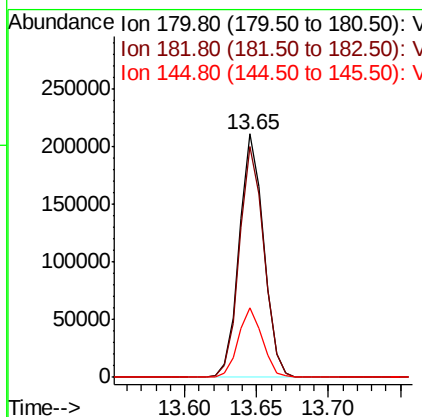
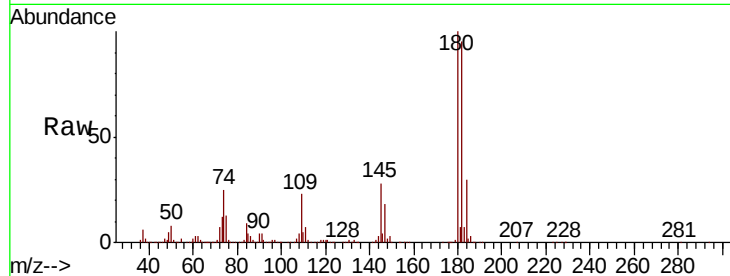




#93
 1,2,4-Trichlorobenzene
 Concen: 51.442 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006188.D
 Acq: 26 Nov 2018 20:58

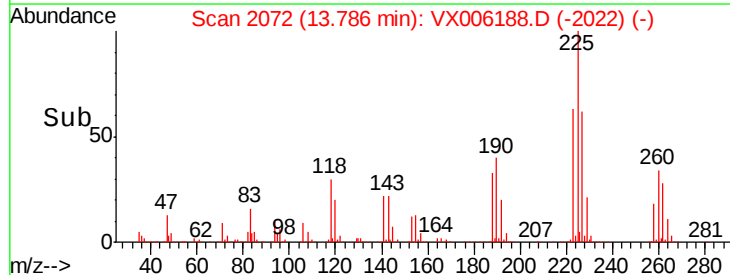
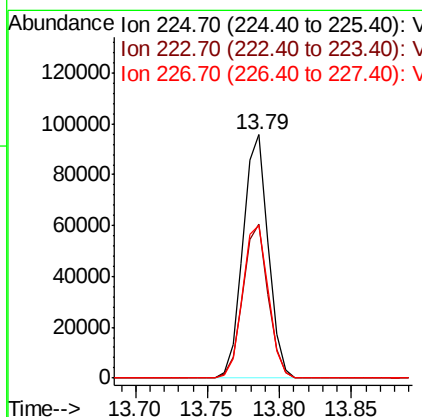
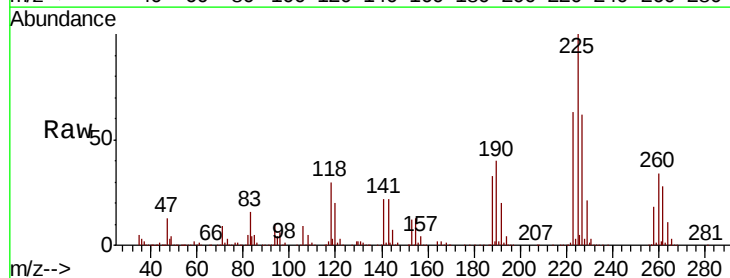
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

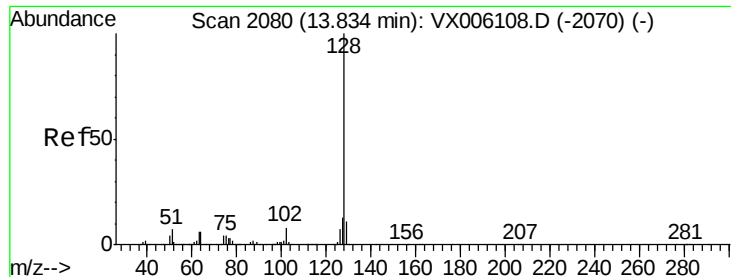
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.2	144.6
145	28.2	14.1	42.2



#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 :

VSTDCCC050EC

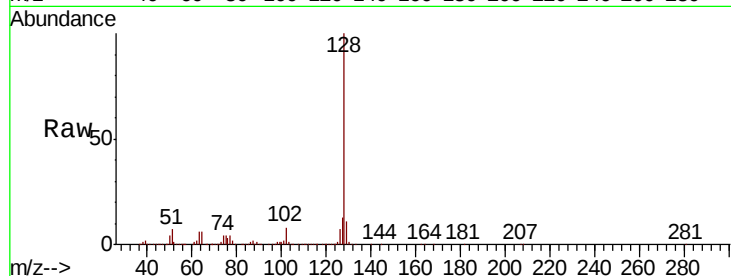
Tot Ion:128 Resp: 784351

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

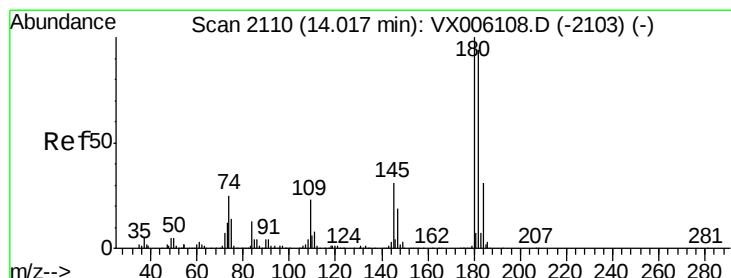
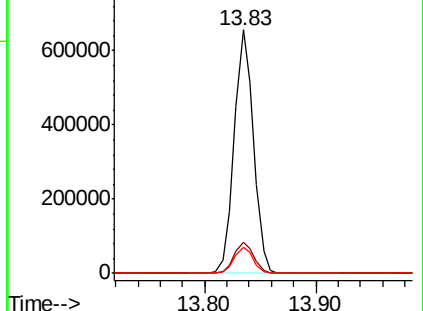
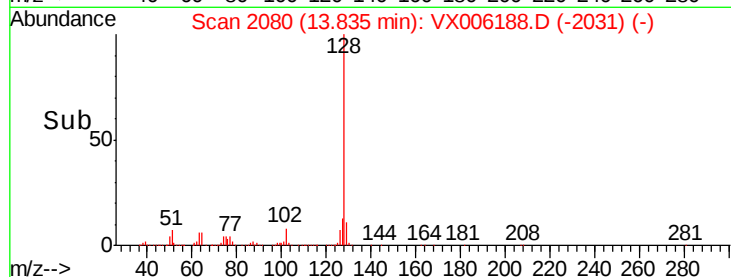
129 10.8 8.8 13.2



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

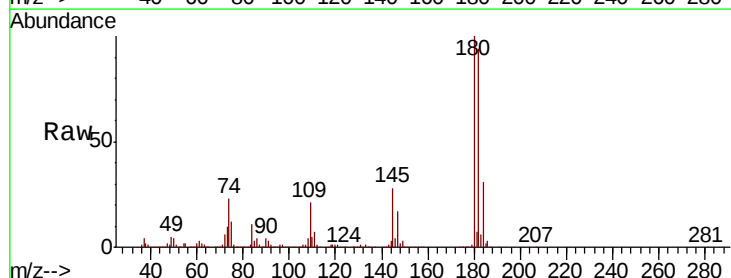
Tgt Ion:180 Resp: 254596

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

