

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101018\
 Data File : VX005227.D
 Acq On : 11 Oct 2018 00:29
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 11 06:11:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177191	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	119457	36.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.16%	
35) Dibromofluoromethane	5.50	113	98965	35.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.12%	
50) Toluene-d8	8.72	98	360958	38.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.94%	
62) 4-Bromofluorobenzene	11.14	95	138533	40.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	162827	52.240	ug/l	98
3) Chloromethane	1.32	50	181504	47.997	ug/l	99
4) Vinyl Chloride	1.40	62	176120	49.656	ug/l	99
5) Bromomethane	1.64	94	105358	50.094	ug/l	94
6) Chloroethane	1.71	64	102146	52.985	ug/l	98
7) Trichlorofluoromethane	1.92	101	229916	52.362	ug/l	95
8) Diethyl Ether	2.19	74	89125	46.723	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	124248	49.676	ug/l	99
10) Methyl Iodide	2.51	142	155109	46.343	ug/l	91
11) Tert butyl alcohol	3.09	59	238462	261.159	ug/l	98
12) 1,1-Dichloroethene	2.37	96	121470	49.039	ug/l	95
13) Acrolein	2.29	56	110711	170.414	ug/l	91
14) Allyl chloride	2.72	41	264331	48.909	ug/l	95
15) Acrylonitrile	3.15	53	508429	252.942	ug/l	97
16) Acetone	2.45	43	455927	239.141	ug/l	93
17) Carbon Disulfide	2.56	76	356493	47.896	ug/l	99
18) Methyl Acetate	2.78	43	262658	54.376	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	439831	51.478	ug/l	96
20) Methylene Chloride	2.85	84	138137	49.830	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	129404	47.724	ug/l	84
22) Diisopropyl ether	3.87	45	435560	47.859	ug/l	98
23) Vinyl Acetate	3.82	43	1957865	235.023	ug/l	99
24) 1,1-Dichloroethane	3.69	63	260142	47.919	ug/l	99
25) 2-Butanone	4.71	43	661151	235.263	ug/l	97
26) 2,2-Dichloropropane	4.58	77	137109	36.269	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	135326	44.675	ug/l	96
28) Bromochloromethane	5.02	49	91217	35.681	ug/l	96
29) Tetrahydrofuran	5.16	42	430522	246.480	ug/l	98
30) Chloroform	5.21	83	233120	45.436	ug/l	99
31) Cyclohexane	5.57	56	208909	50.279	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	202772	48.393	ug/l	95
36) 1,1-Dichloropropene	5.80	75	173517	45.060	ug/l	95
37) Ethyl Acetate	4.86	43	236140	46.197	ug/l	98
38) Carbon Tetrachloride	5.78	117	182762	45.150	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199792	50.810	ug/l #	86
40) Benzene	6.14	78	522945	43.377	ug/l	95
41) Methacrylonitrile	5.06	41	128350	45.277	ug/l	97
42) 1,2-Dichloroethane	6.20	62	189614	44.491	ug/l	98
43) Isopropyl Acetate	6.46	43	352211	47.739	ug/l	98
44) Trichloroethene	7.21	130	139890	47.202	ug/l	97
45) 1,2-Dichloropropane	7.52	63	140223	47.430	ug/l	98
46) Dibromomethane	7.66	93	90410	48.660	ug/l	99
47) Bromodichloromethane	7.90	83	176761	50.813	ug/l	99
48) Methyl methacrylate	7.78	41	181454	54.187	ug/l	99
49) 1,4-Dioxane	7.76	88	86319	1037.561	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1234866	265.825	ug/l	99
52) Toluene	8.79	92	327849	49.491	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	190608	48.488	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	206436	50.137	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136786	47.140	ug/l	97
56) Ethyl methacrylate	9.18	69	215682	46.045	ug/l	97
57) 1,3-Dichloropropane	9.37	76	227263	47.058	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	469086	191.170	ug/l	99
59) 2-Hexanone	9.50	43	994162	256.816	ug/l	95
60) Dibromochloromethane	9.59	129	145647	50.189	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142803	45.953	ug/l	95
64) Tetrachloroethene	9.34	164	143157	46.606	ug/l	96
65) Chlorobenzene	10.14	112	370152	46.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	135962	48.325	ug/l	100
67) Ethyl Benzene	10.26	91	634655	49.951	ug/l	96
68) m/p-Xylenes	10.36	106	493896	99.475	ug/l	95
69) o-Xylene	10.70	106	236899	51.948	ug/l	99
70) Styrene	10.71	104	404824	47.572	ug/l	100
71) Bromoform	10.86	173	122206	50.735	ug/l	97
73) Isopropylbenzene	11.02	105	644017	57.663	ug/l	100
74) N-amyl acetate	10.90	43	310584	50.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228231	50.201	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	258467	65.081	ug/l	85
77) Bromobenzene	11.26	156	172497	53.174	ug/l	99
78) n-propylbenzene	11.36	91	740433	57.780	ug/l	99
79) 2-Chlorotoluene	11.42	91	440970	55.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	549817	53.727	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60852	42.116	ug/l	99
82) 4-Chlorotoluene	11.51	91	521796	55.500	ug/l	99
83) tert-Butylbenzene	11.77	119	549935	59.805	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	570066	54.017	ug/l	99
85) sec-Butylbenzene	11.94	105	661539	59.064	ug/l	100
86) p-Isopropyltoluene	12.07	119	594808	58.616	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	320746	52.950	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	324042	51.821	ug/l	99
89) n-Butylbenzene	12.39	91	520380	56.465	ug/l	99
90) Hexachloroethane	12.60	117	96121	56.891	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	324838	51.314	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56751	56.851	ug/l	100

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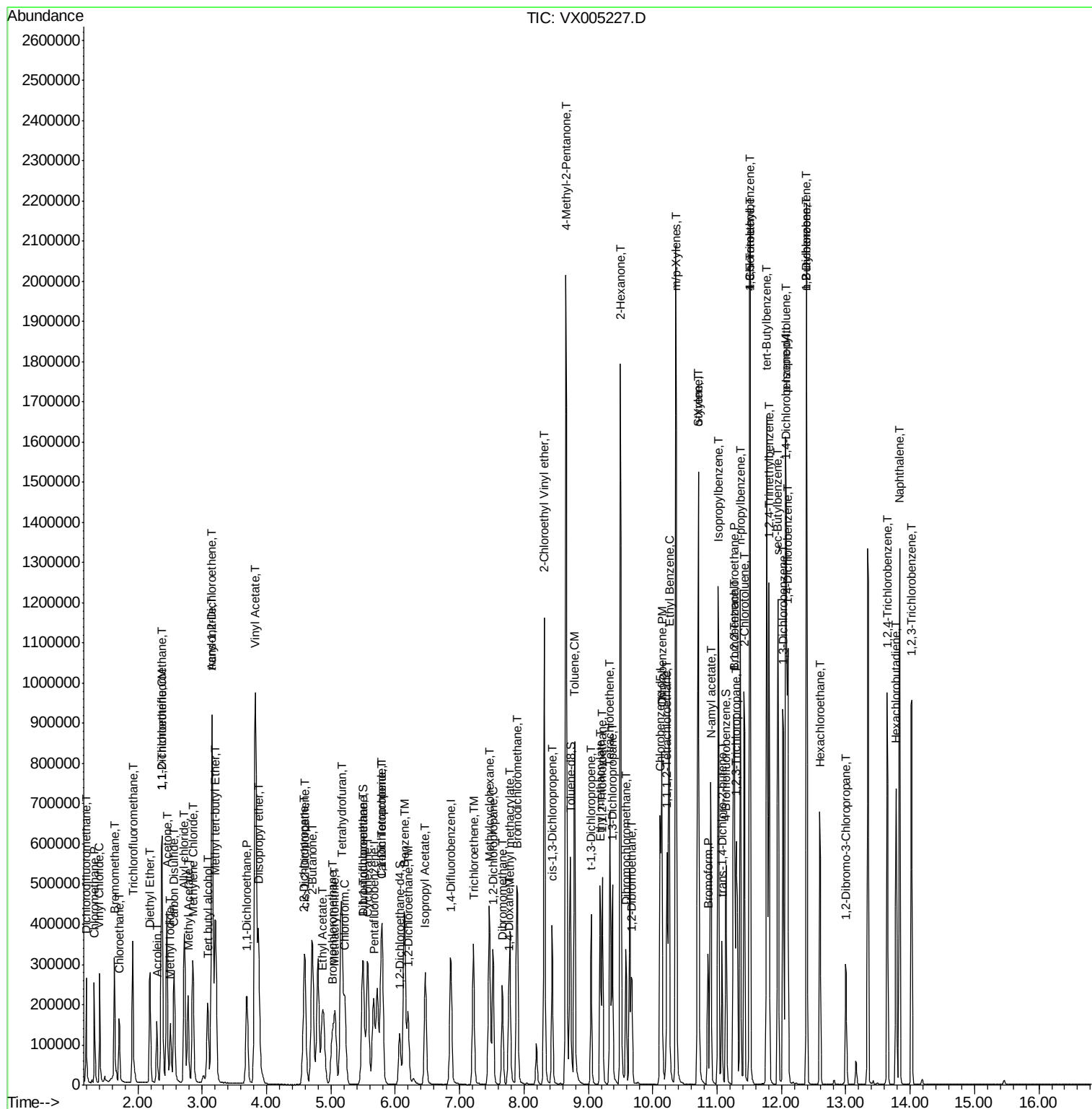
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

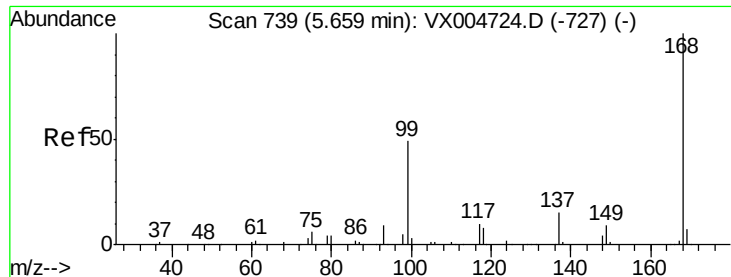
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248466	55.953	ug/l	100
94) Hexachlorobutadiene	13.79	225	120808	52.463	ug/l	99
95) Naphthalene	13.83	128	787327	53.370	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259288	56.524	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

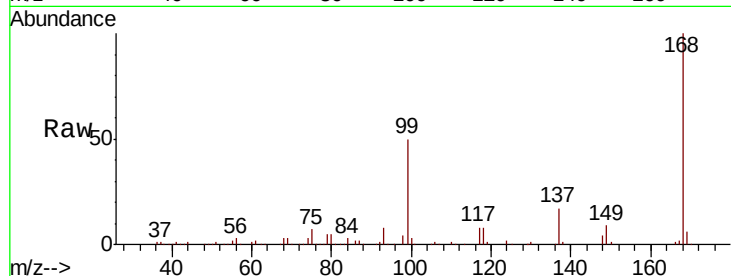
VSTDCCC050EC

Tot Ion:168 Resp: 228603

Ion Ratio Lower Upper

168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

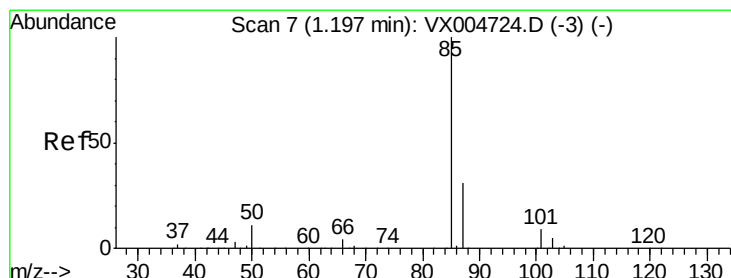
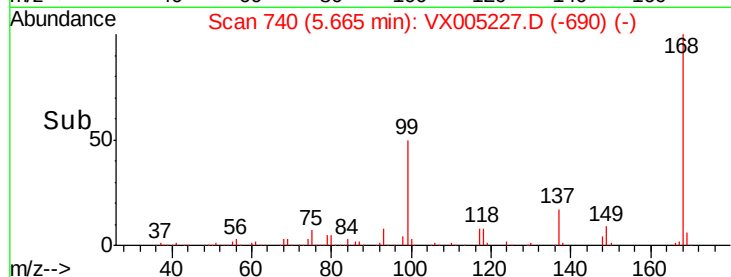
40000

20000

0

5.60 5.80 6.00

Time-->



#2

Dichlorodifluoromethane

Concen: 52.240 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005227.D

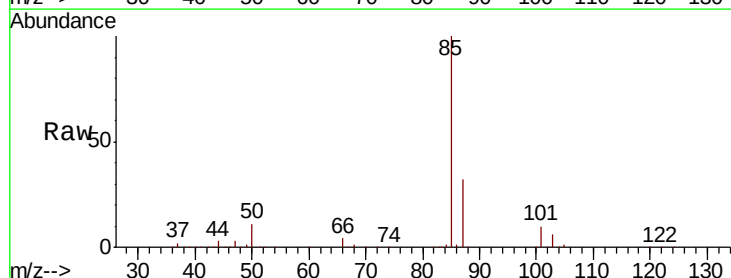
Acq: 11 Oct 2018 00:29

Tgt Ion: 85 Resp: 162827

Ion Ratio Lower Upper

85 100

87 32.5 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

150000

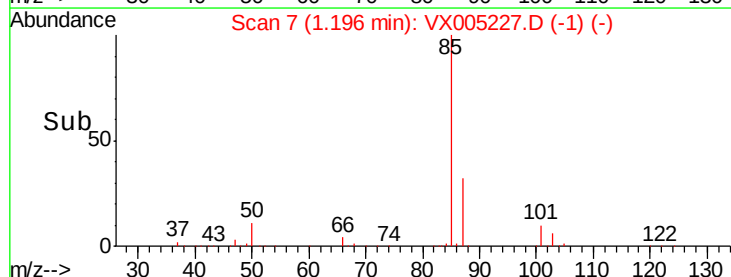
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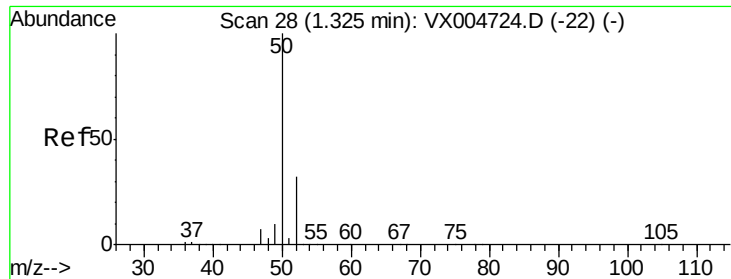
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.997 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

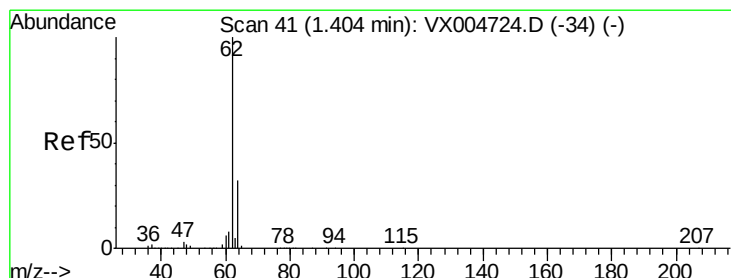
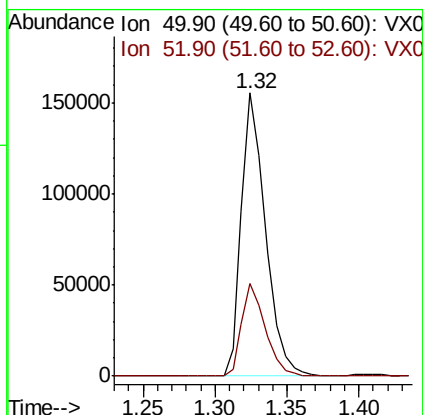
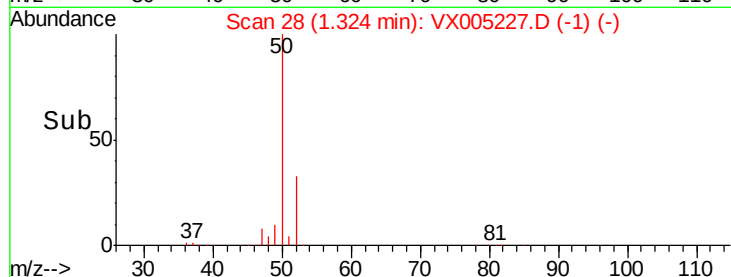
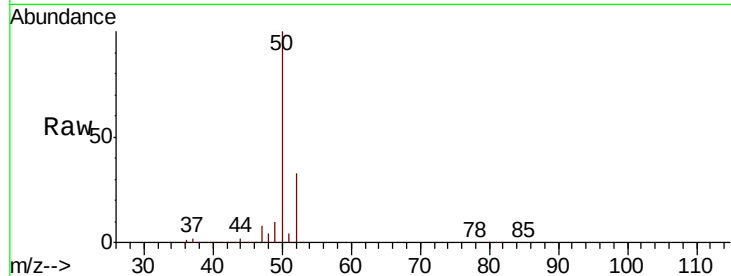
VSTDCCC050EC

Tot Ion: 50 Resp: 181504

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 49.656 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005227.D

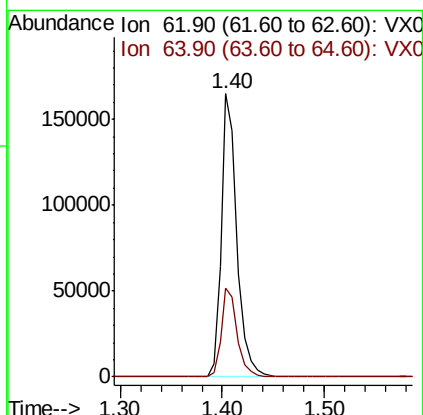
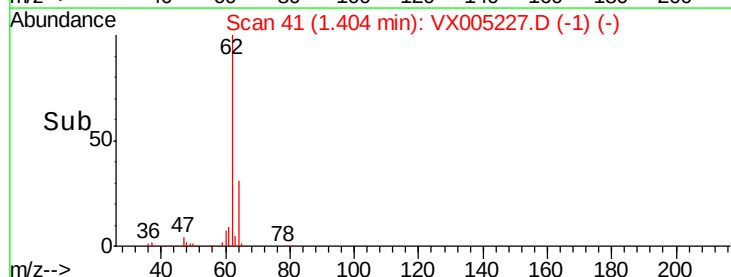
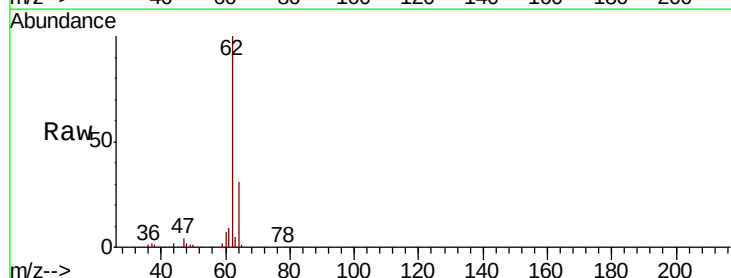
Acq: 11 Oct 2018 00:29

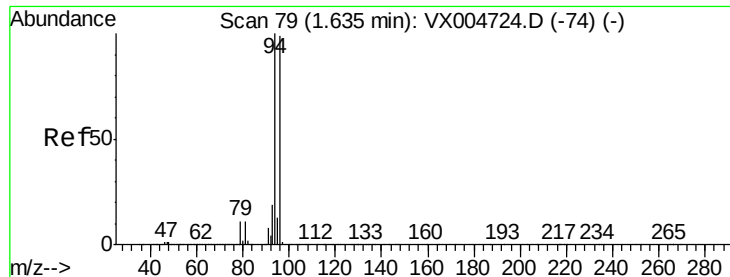
Tgt Ion: 62 Resp: 176120

Ion Ratio Lower Upper

62 100

64 31.2 25.5 38.3





#5

Bromomethane

Concen: 50.094 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

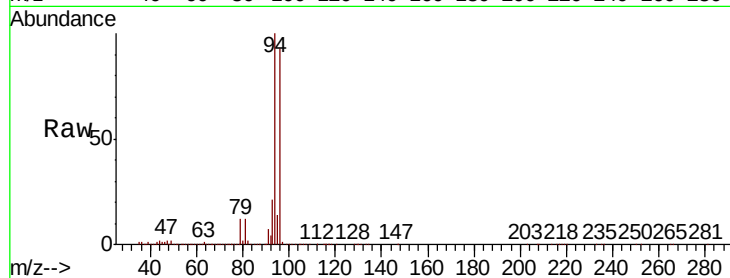
VSTDCCC050EC

Tot Ion: 94 Resp: 105358

Ion Ratio Lower Upper

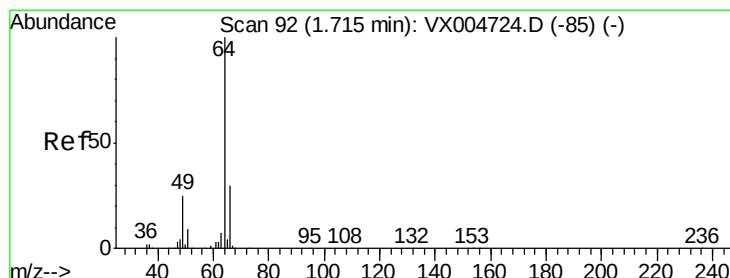
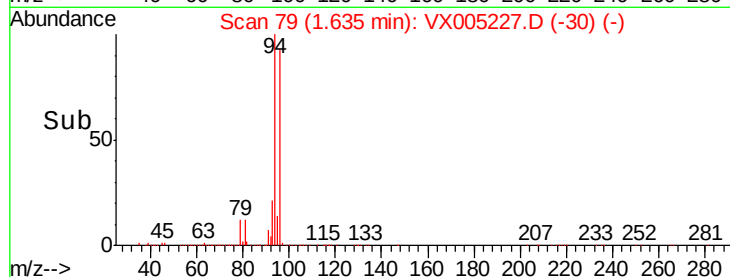
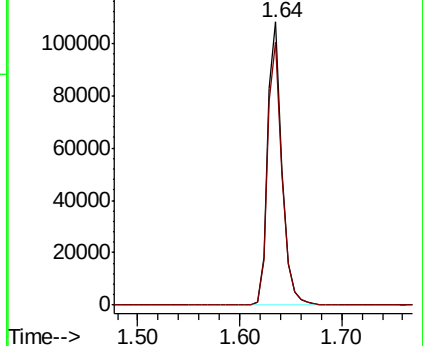
94 100

96 93.1 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.985 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005227.D

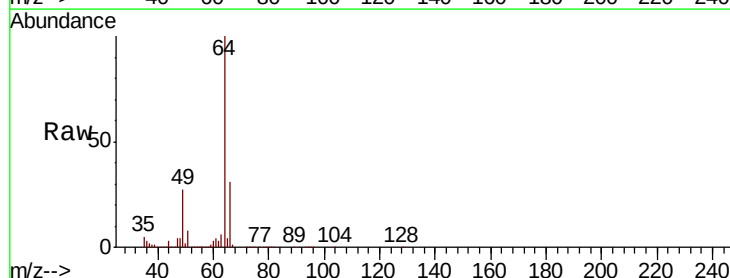
Acq: 11 Oct 2018 00:29

Tgt Ion: 64 Resp: 102146

Ion Ratio Lower Upper

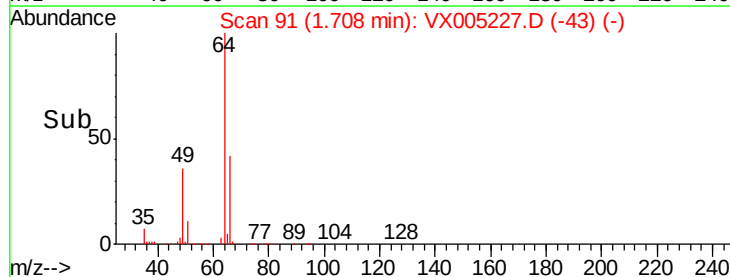
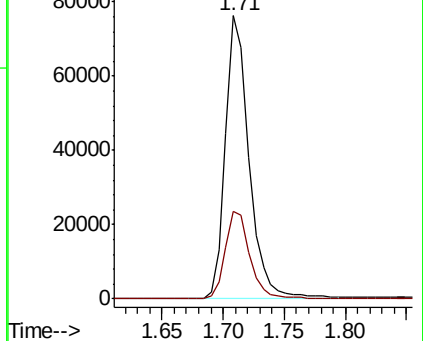
64 100

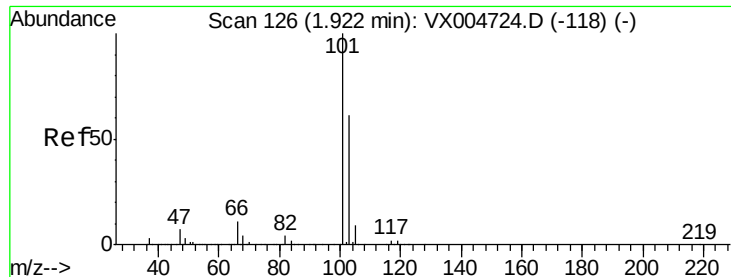
66 30.9 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



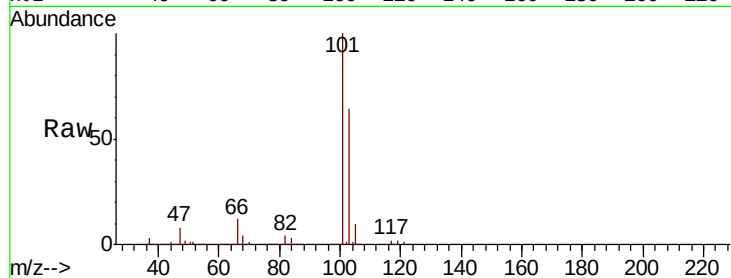


#7

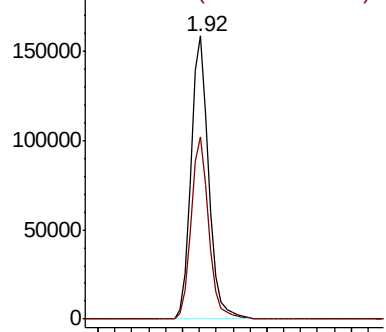
Trichlorofluoromethane
Concen: 52.362 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

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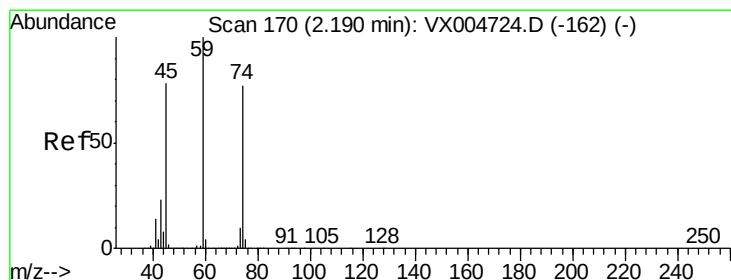
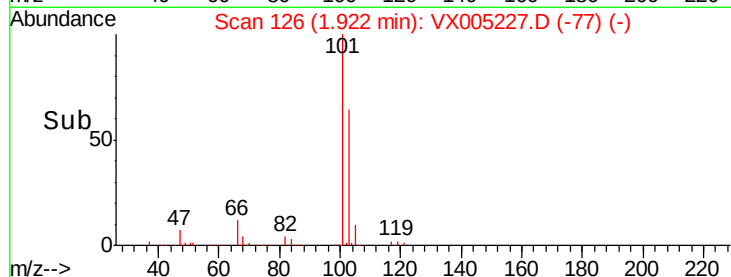
Tot Ion:101 Resp: 229916
Ion Ratio Lower Upper
101 100
103 64.4 48.4 72.6



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



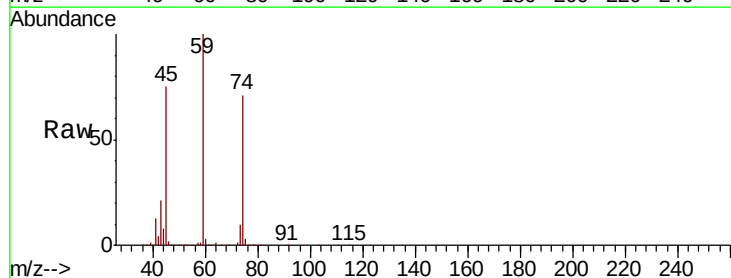
Time--> 1.80 1.90 2.00 2.10



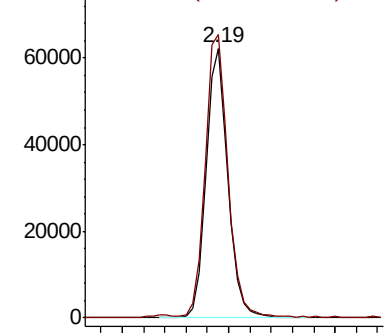
#8

Diethyl Ether
Concen: 46.723 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

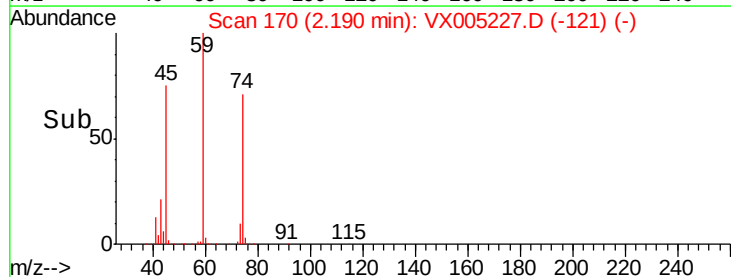
Tgt Ion: 74 Resp: 89125
Ion Ratio Lower Upper
74 100
45 109.1 52.5 157.6

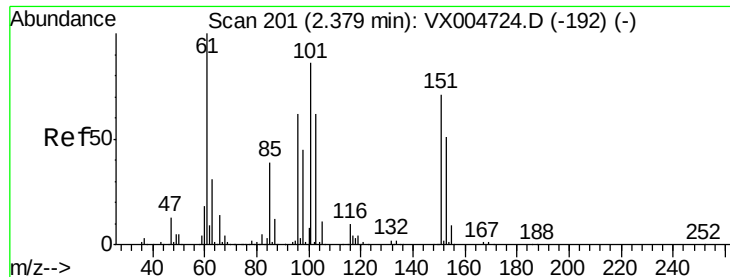


Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.676 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

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ClientSampleId :

VSTDCCC050EC

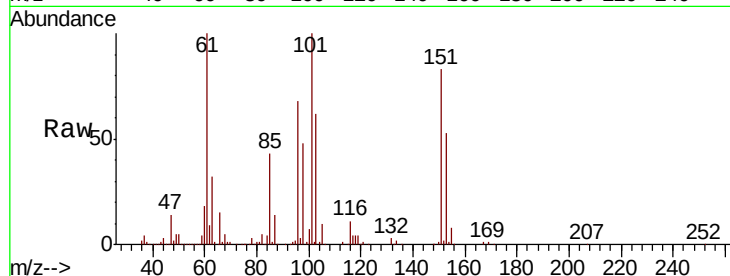
Tot Ion:101 Resp: 124248

Ion Ratio Lower Upper

101 100

85 43.9 35.9 53.9

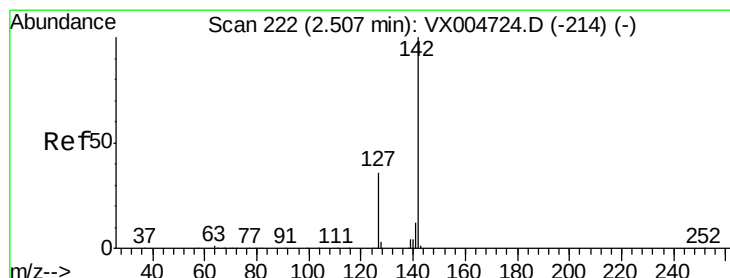
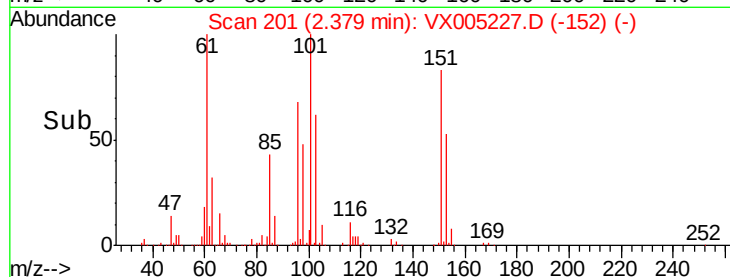
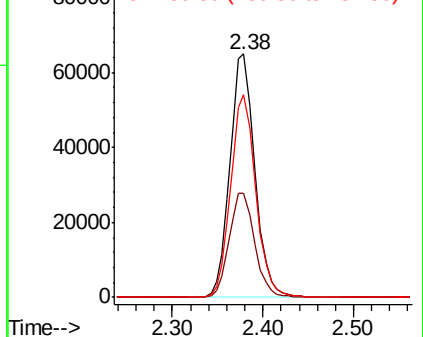
151 83.7 66.6 100.0



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: 46.343 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

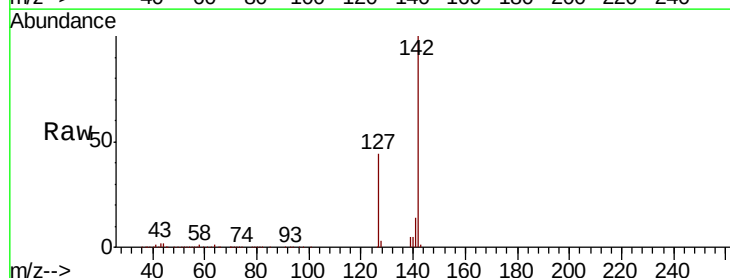
Tgt Ion:142 Resp: 155109

Ion Ratio Lower Upper

142 100

127 44.1 30.1 45.1

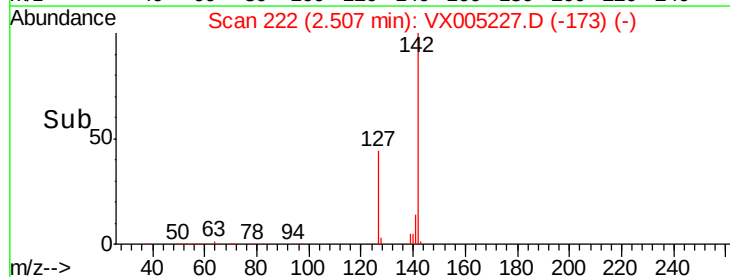
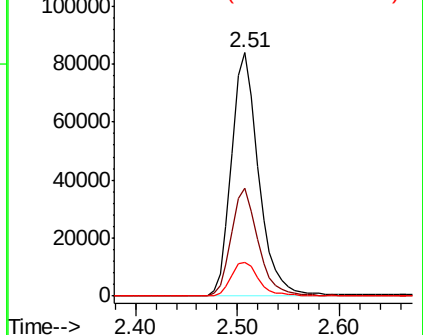
141 14.2 10.1 15.1

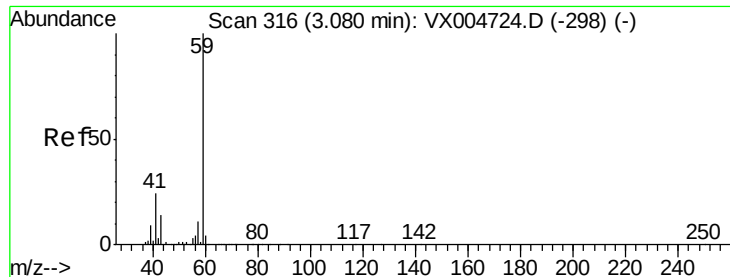


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

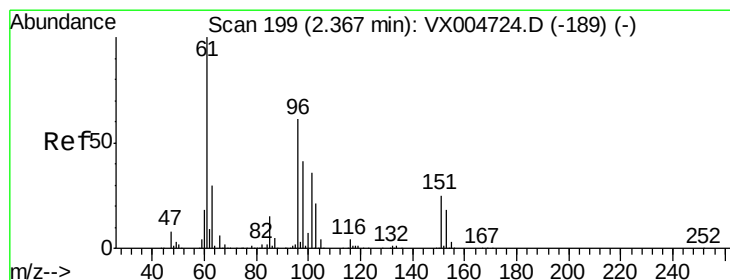
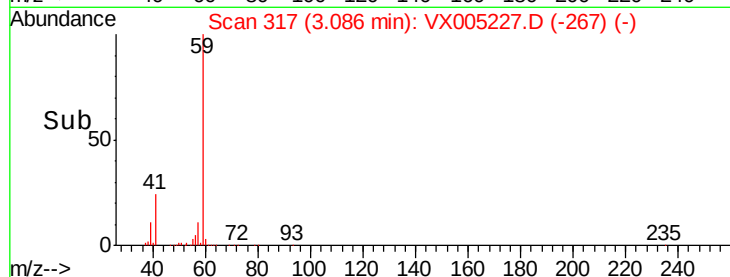
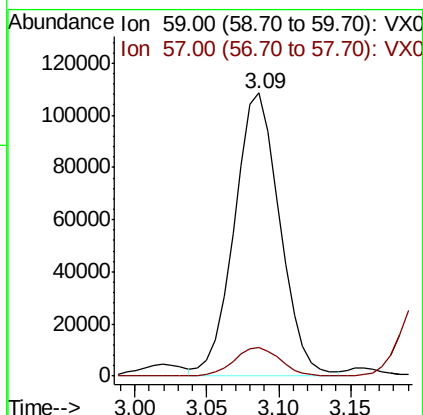
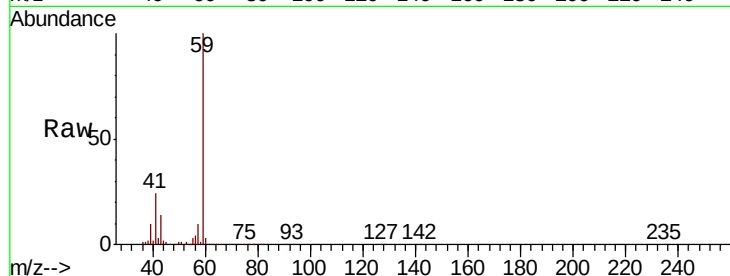




#11
Tert butyl alcohol
Concen: 261.159 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

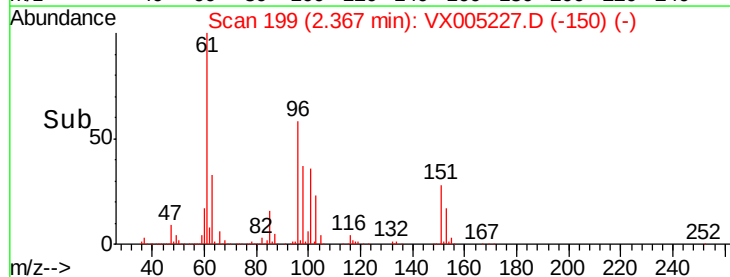
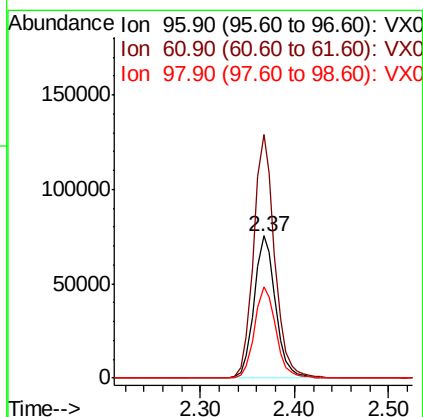
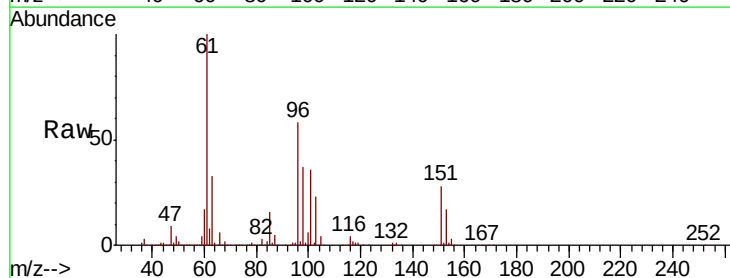
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

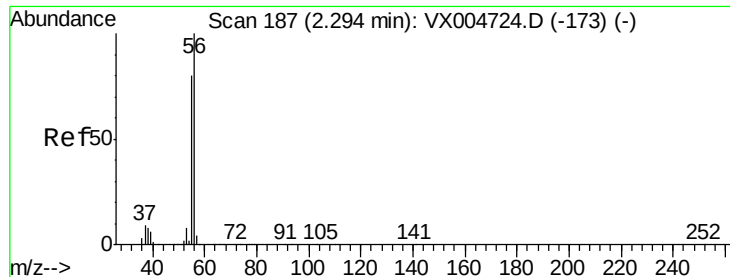
Tot Ion: 59 Resp: 238462
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 49.039 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 96 Resp: 121470
Ion Ratio Lower Upper
96 100
61 171.1 130.2 195.4
98 63.9 53.4 80.0





#13

Acrolein

Concen: 170.414 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

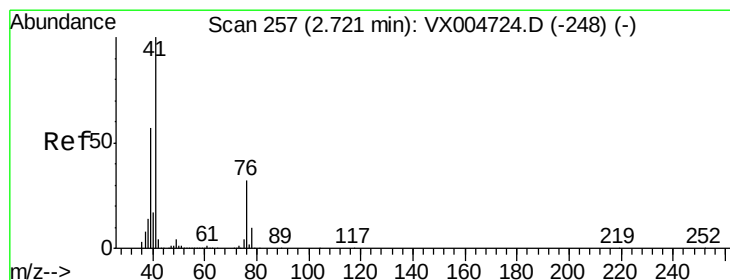
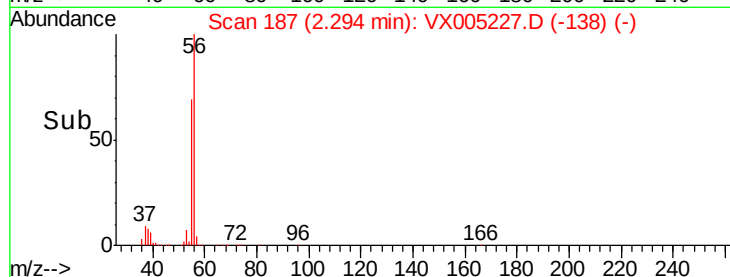
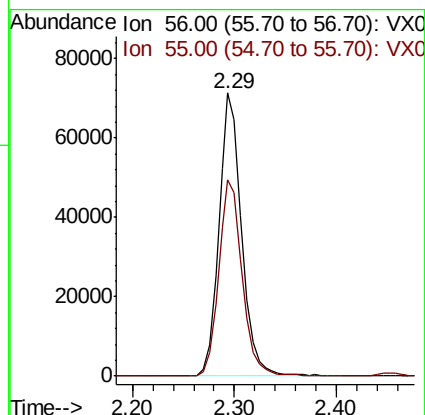
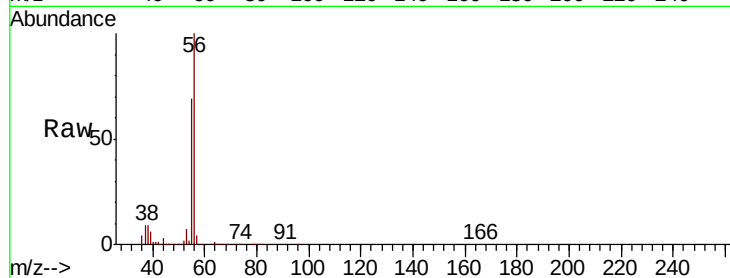
VSTDCCC050EC

Tot Ion: 56 Resp: 110711

Ion Ratio Lower Upper

56 100

55 71.1 63.4 95.2



#14

Allyl chloride

Concen: 48.909 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

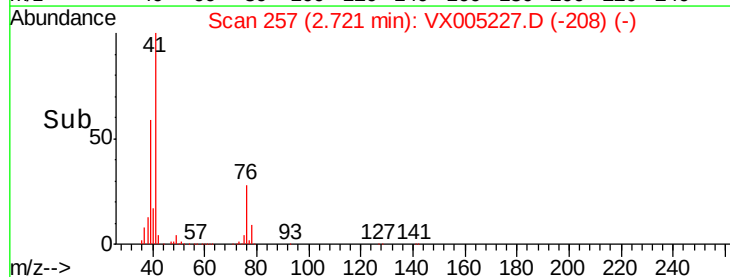
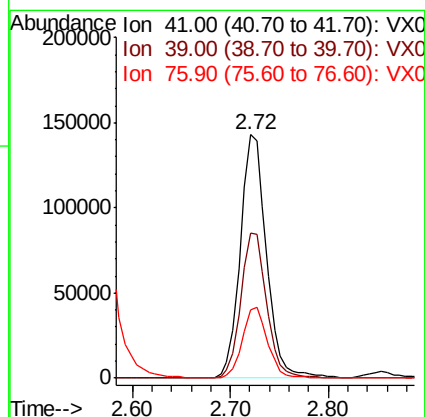
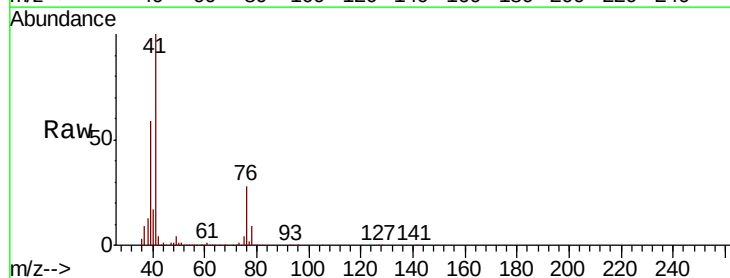
Tgt Ion: 41 Resp: 264331

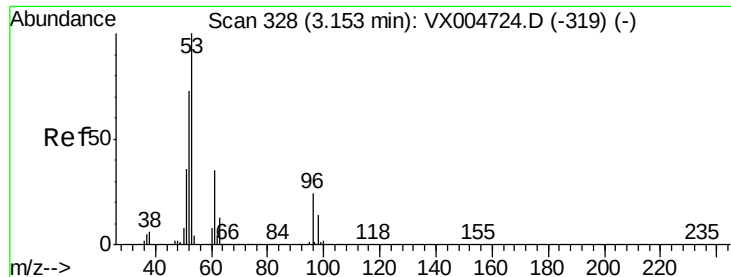
Ion Ratio Lower Upper

41 100

39 58.8 44.1 66.1

76 28.0 25.0 37.4

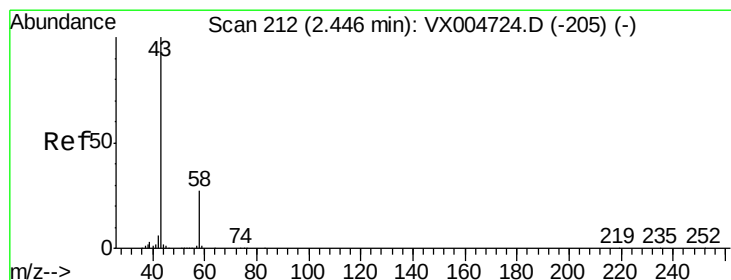
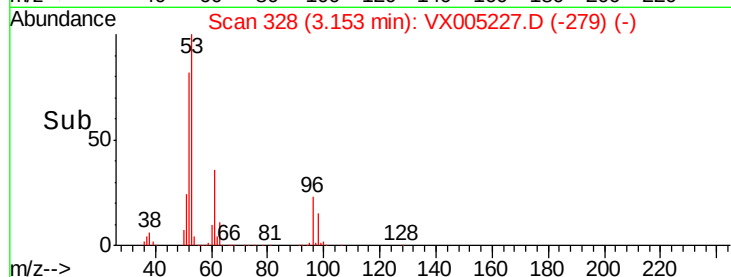
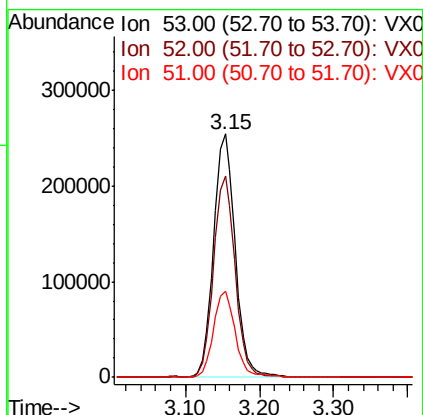
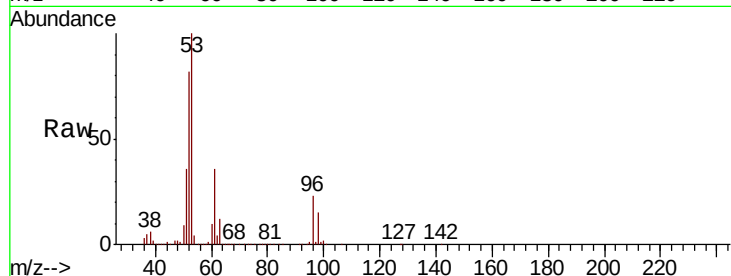




#15
 Acrylonitrile
 Concen: 252.942 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

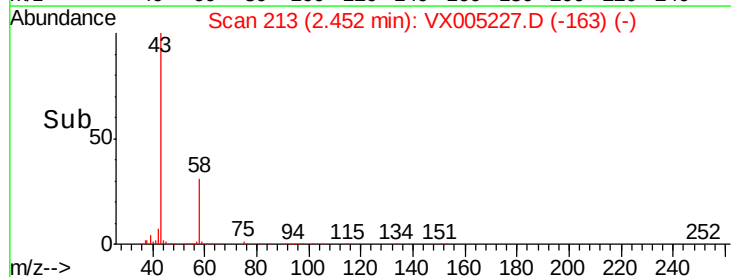
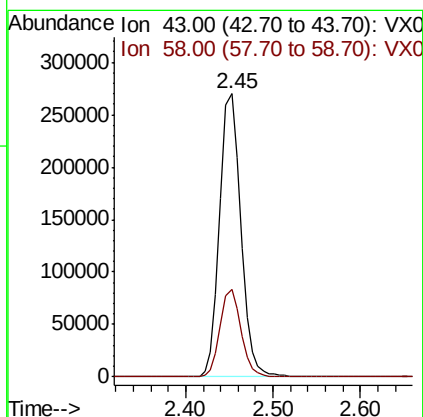
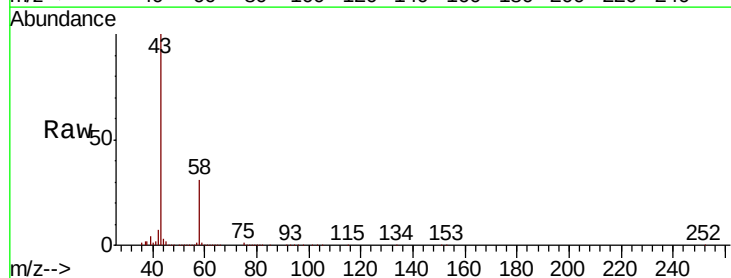
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

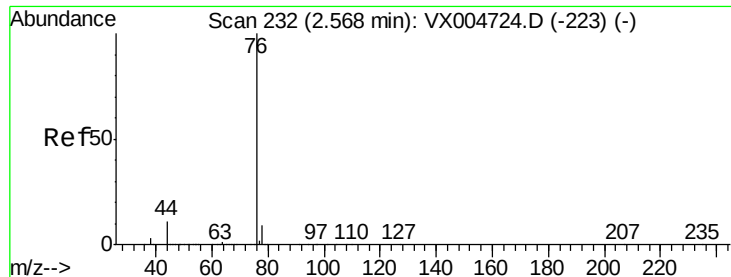
Tot Ion	53	Resp	508429
Ion	Ratio	Lower	Upper
53	100		
52	82.8	63.0	94.4
51	35.6	28.6	42.8



#16
 Acetone
 Concen: 239.141 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion	43	Resp	455927
Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.8	32.6





#17

Carbon Disulfide

Concen: 47.896 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

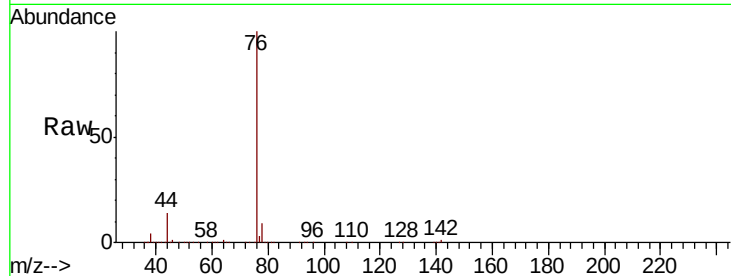
VSTDCCC050EC

Tot Ion: 76 Resp: 356493

Ion Ratio Lower Upper

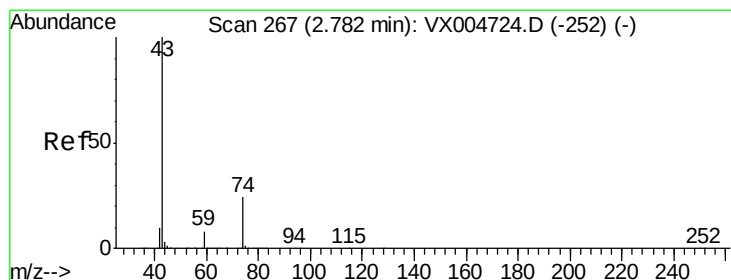
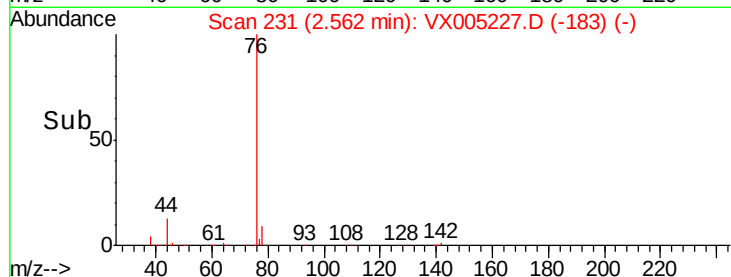
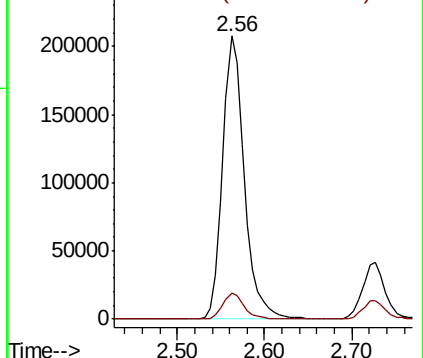
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.376 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005227.D

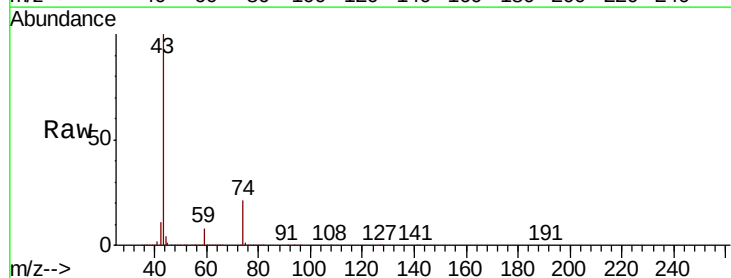
Acq: 11 Oct 2018 00:29

Tgt Ion: 43 Resp: 262658

Ion Ratio Lower Upper

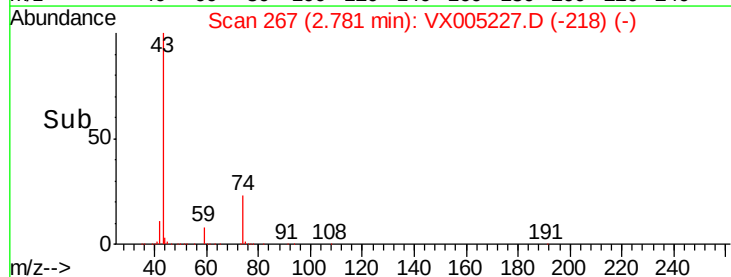
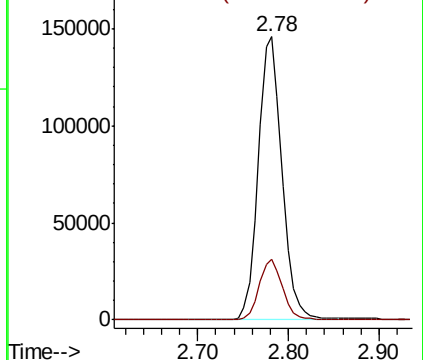
43 100

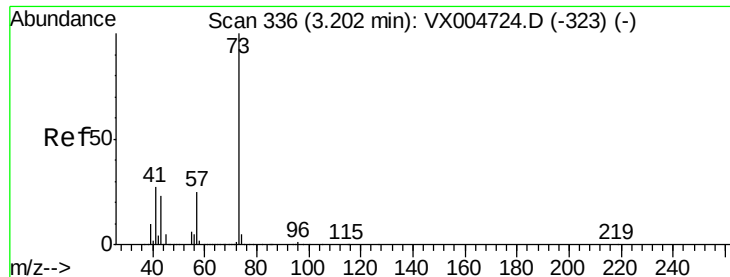
74 20.8 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



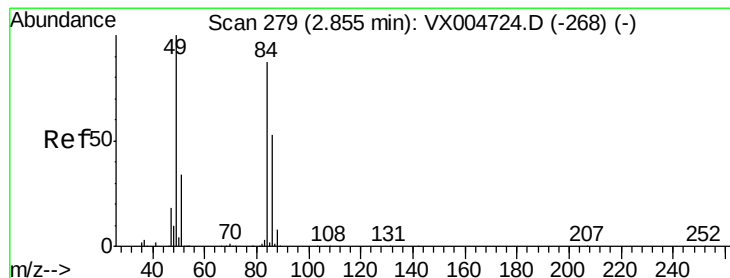
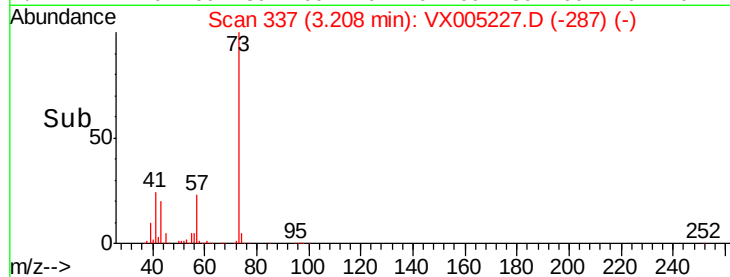
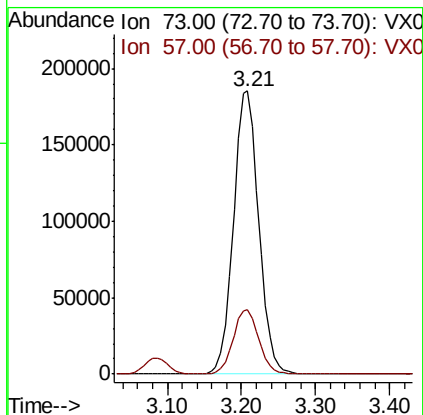
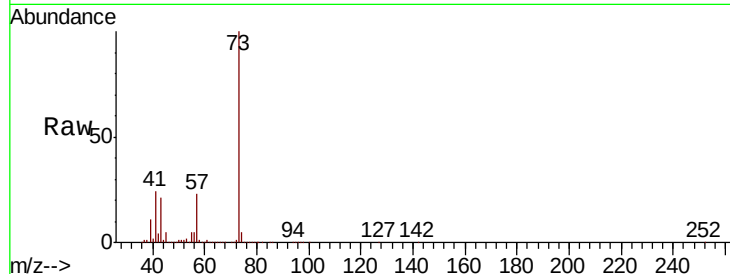


#19

Methyl tert-butyl Ether
 Concen: 51.478 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

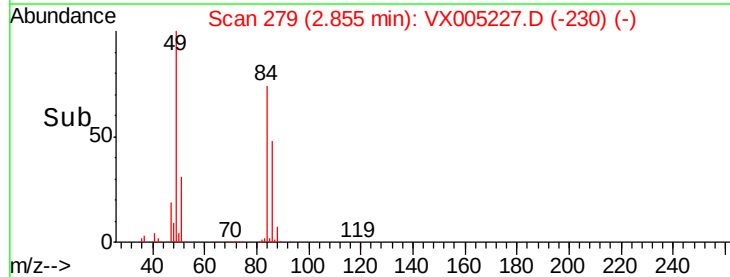
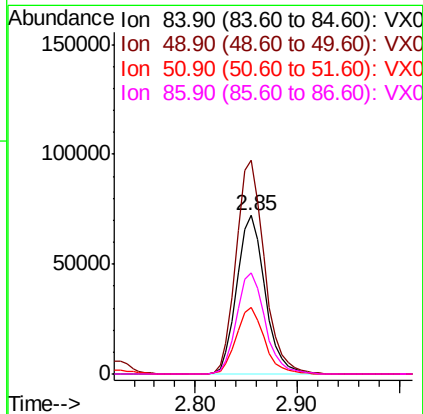
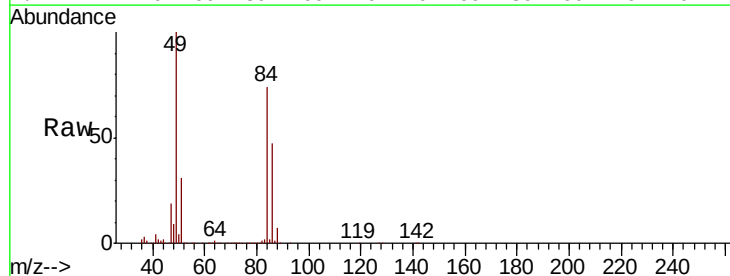
Tot Ion: 73 Resp: 439831
 Ion Ratio Lower Upper
 73 100
 57 22.9 19.9 29.9

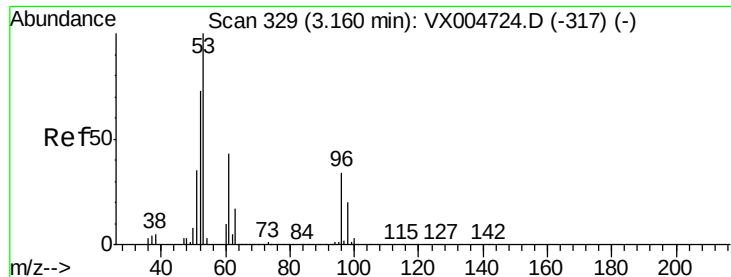


#20

Methylene Chloride
 Concen: 49.830 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion: 84 Resp: 138137
 Ion Ratio Lower Upper
 84 100
 49 134.7 92.3 138.5
 51 42.0 31.8 47.6
 86 64.0 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 47.724 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

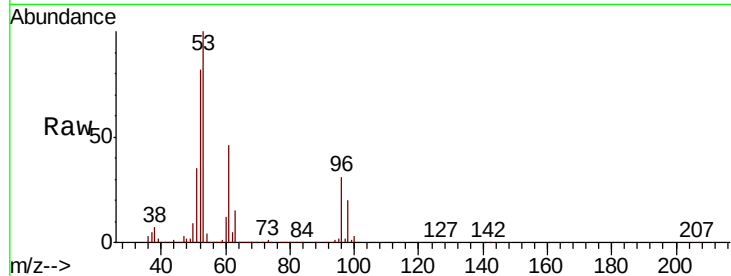
Tot Ion: 96 Resp: 129404

Ion Ratio Lower Upper

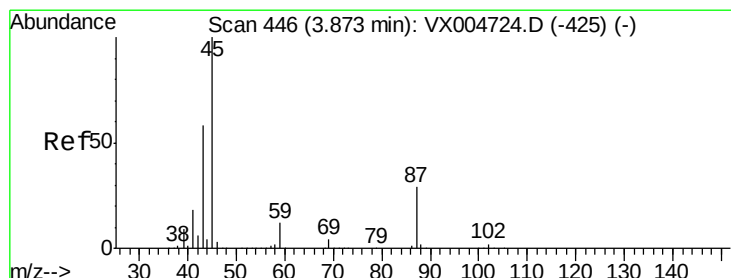
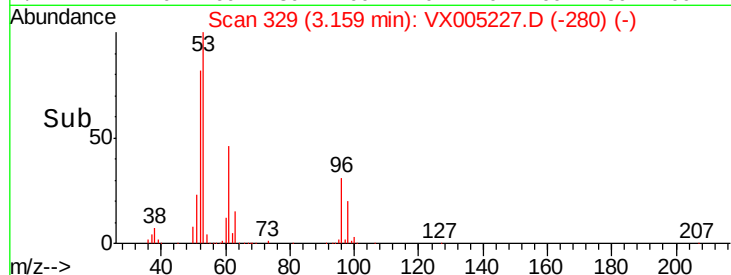
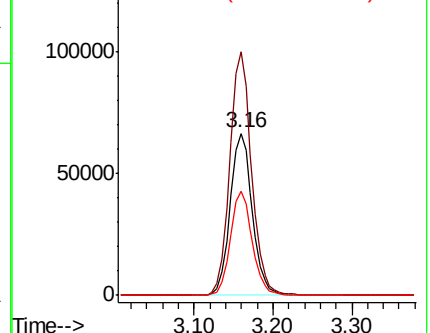
96 100

61 150.0 101.0 151.6

98 64.2 47.2 70.8



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: 47.859 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion: 45 Resp: 435560

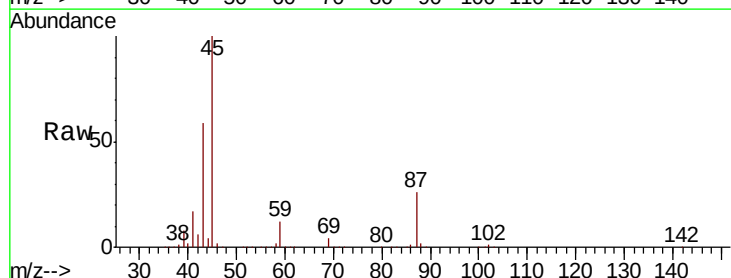
Ion Ratio Lower Upper

45 100

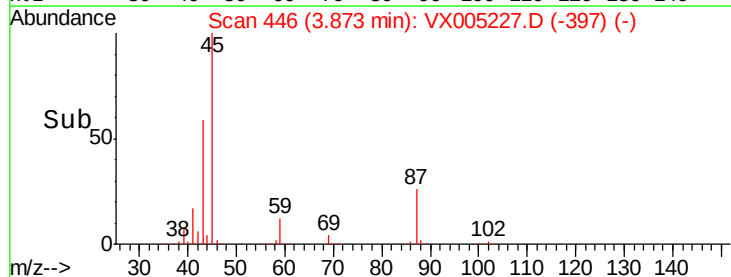
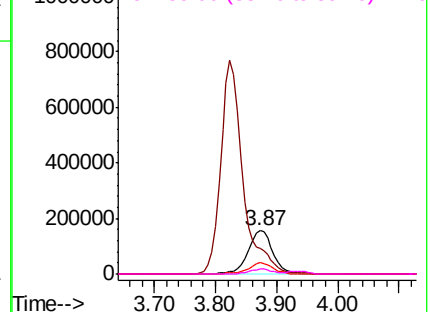
43 59.1 46.7 70.1

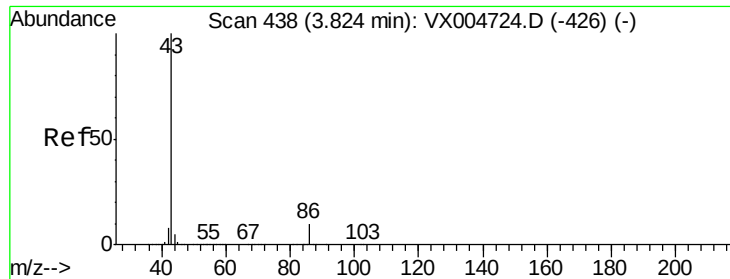
87 25.8 22.9 34.3

59 11.7 9.3 13.9



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: 235.023 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

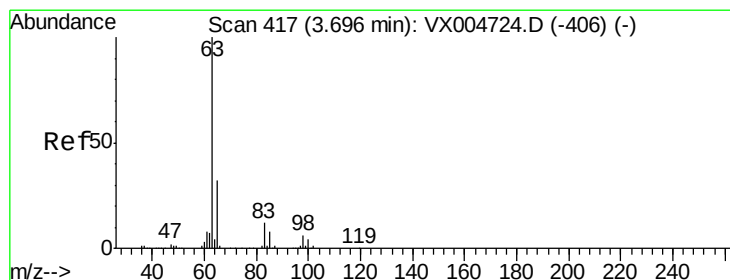
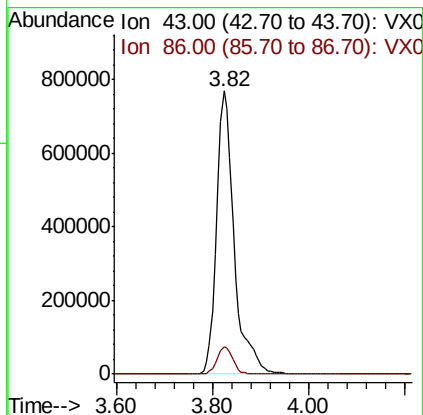
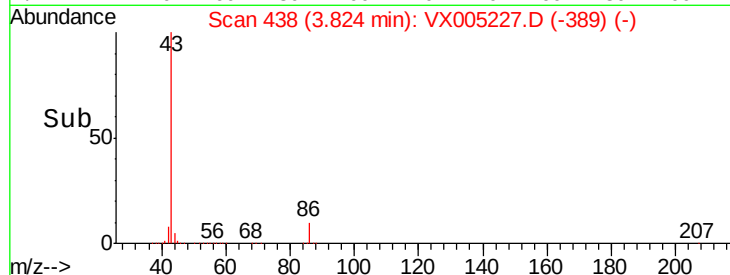
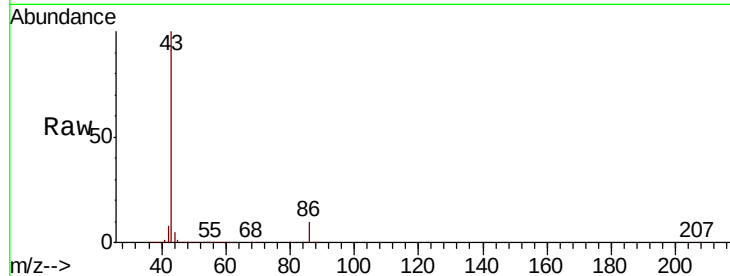
VSTDCCC050EC

Tot Ion: 43 Resp: 1957865

Ion Ratio Lower Upper

43 100

86 9.6 8.1 12.1



#24

1,1-Dichloroethane

Concen: 47.919 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

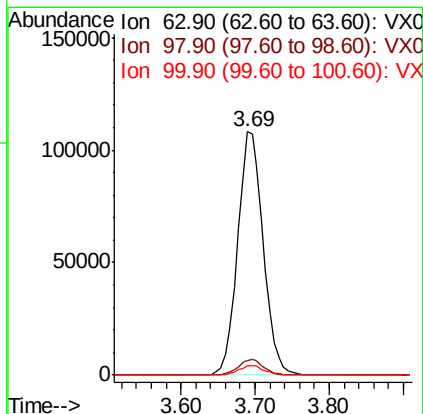
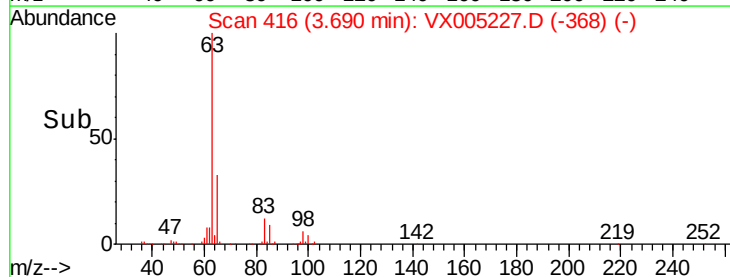
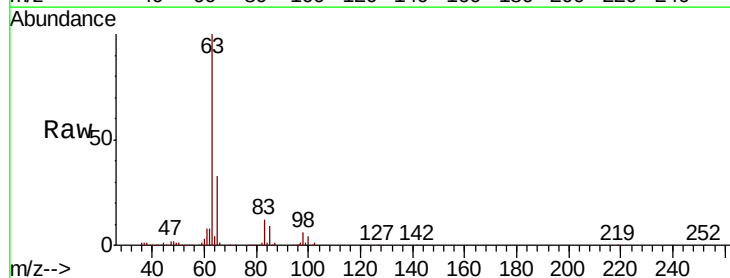
Tgt Ion: 63 Resp: 260142

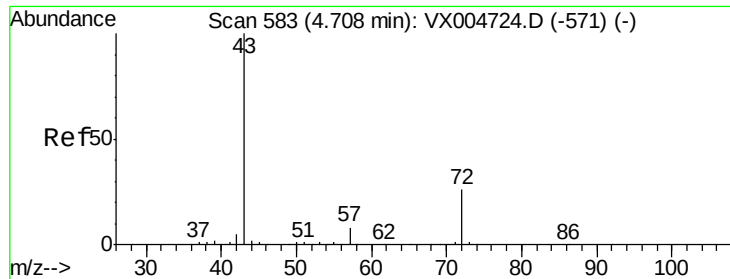
Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 235.263 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

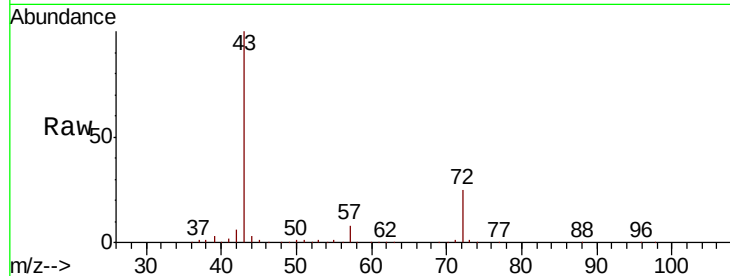
VSTDCCC050EC

Tot Ion: 43 Resp: 661151

Ion Ratio Lower Upper

43 100

72 24.6 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

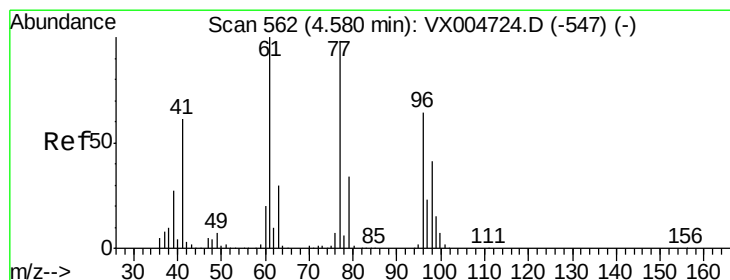
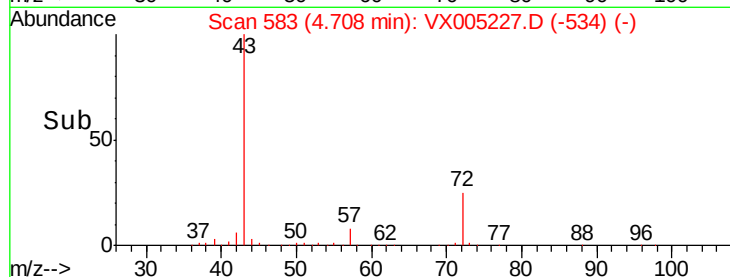
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 36.269 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005227.D

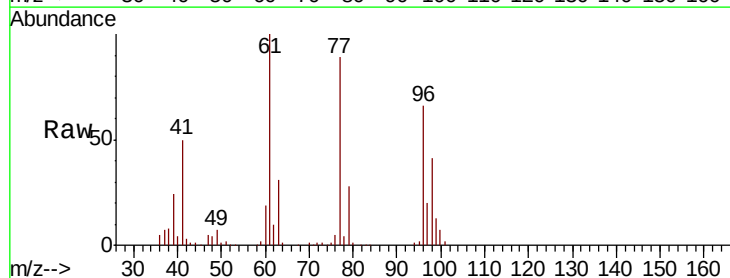
Acq: 11 Oct 2018 00:29

Tgt Ion: 77 Resp: 137109

Ion Ratio Lower Upper

77 100

97 24.1 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

10000

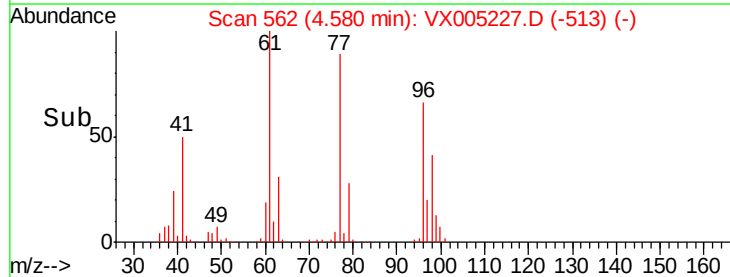
0

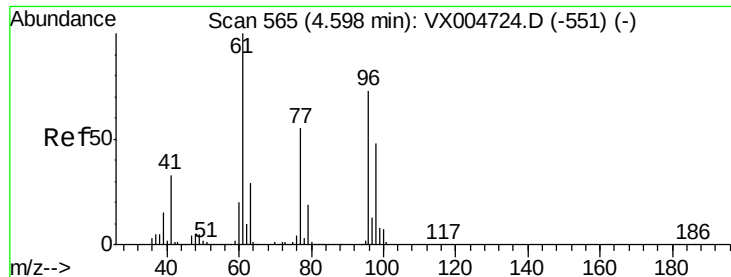
4.50

4.60

4.70

Time-->



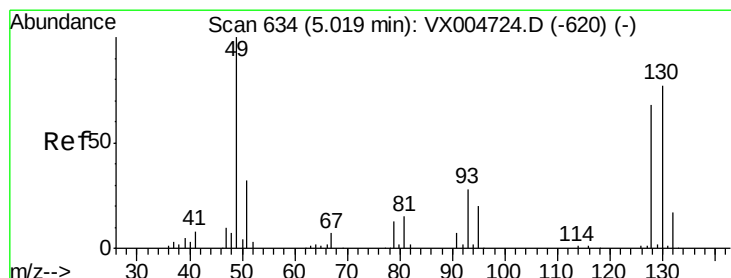
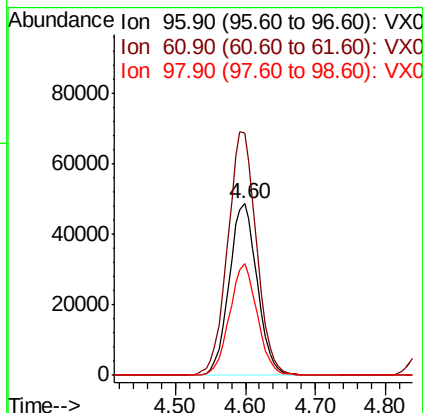
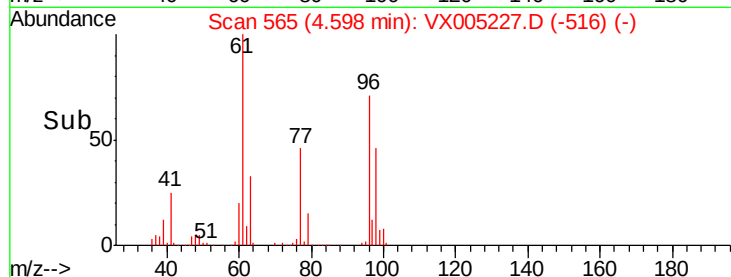
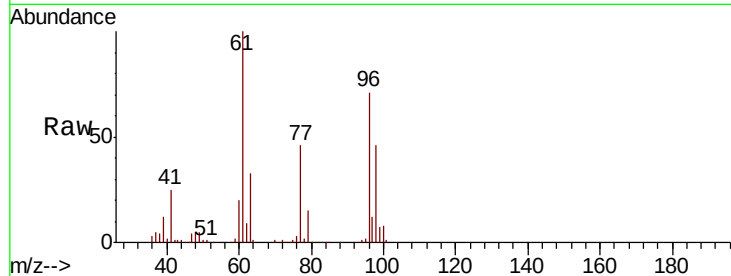


#27

cis-1,2-Dichloroethene
Concen: 44.675 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

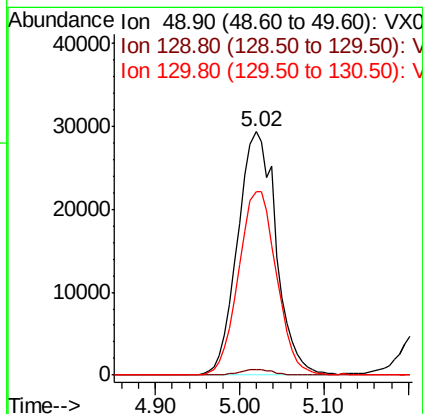
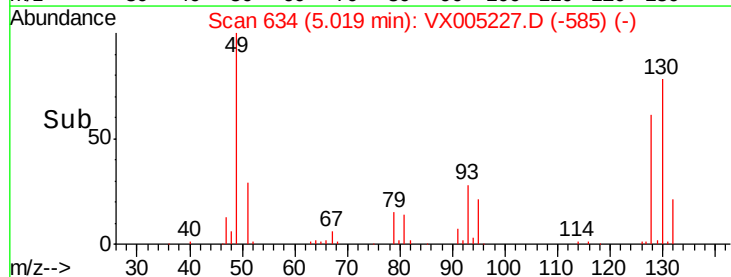
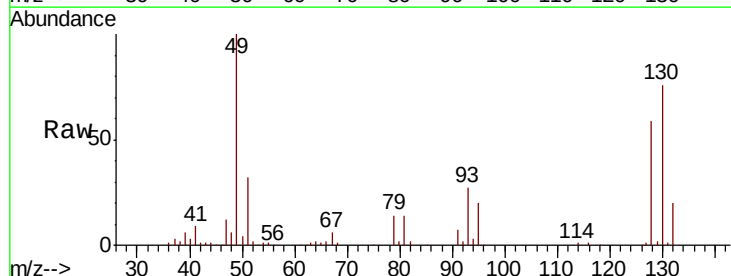
Tot Ion: 96 Resp: 135326
Ion Ratio Lower Upper
96 100
61 146.5 0.0 285.8
98 64.1 0.0 136.2

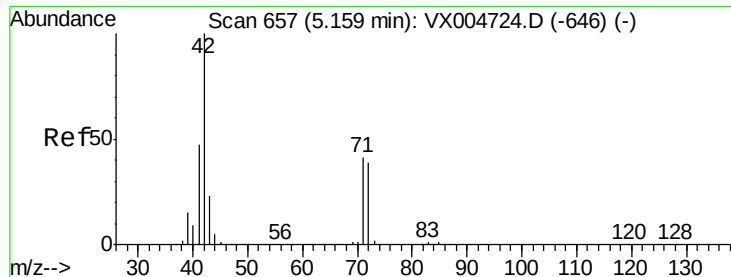


#28

Bromochloromethane
Concen: 35.681 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 49 Resp: 91217
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 74.2 62.0 93.0





#29

Tetrahydrofuran

Concen: 246.480 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

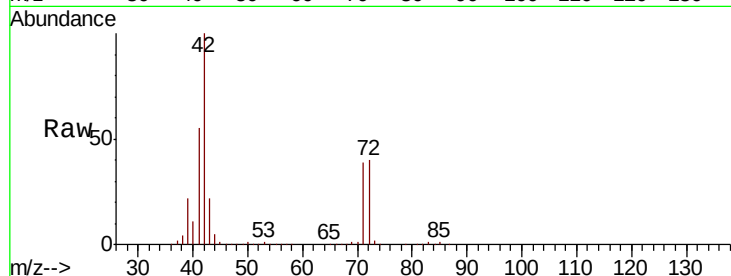
Tot Ion: 42 Resp: 430522

Ion Ratio Lower Upper

42 100

72 41.0 33.7 50.5

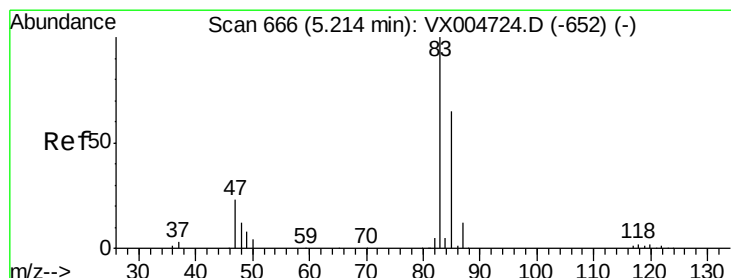
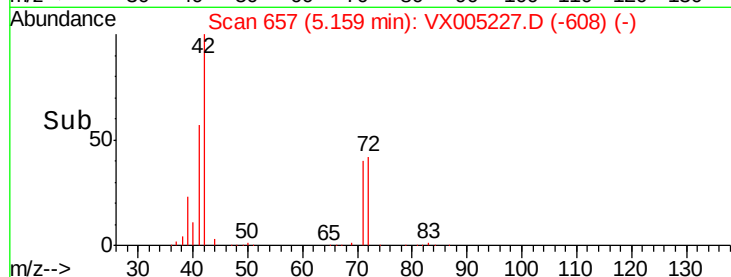
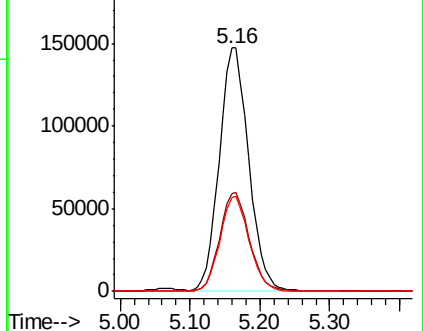
71 38.9 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.436 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005227.D

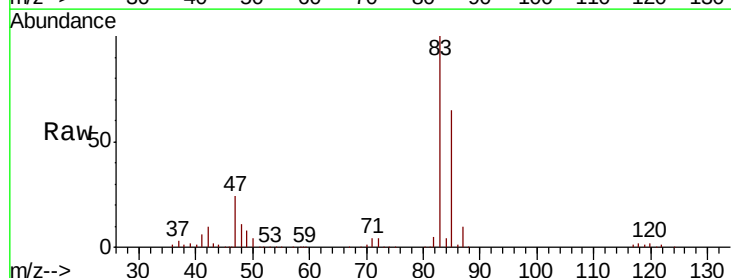
Acq: 11 Oct 2018 00:29

Tgt Ion: 83 Resp: 233120

Ion Ratio Lower Upper

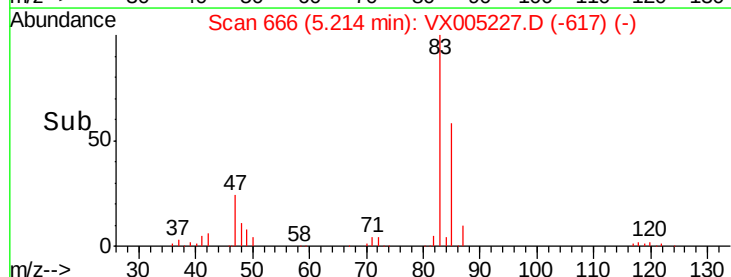
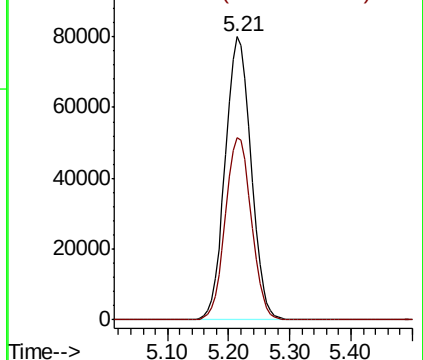
83 100

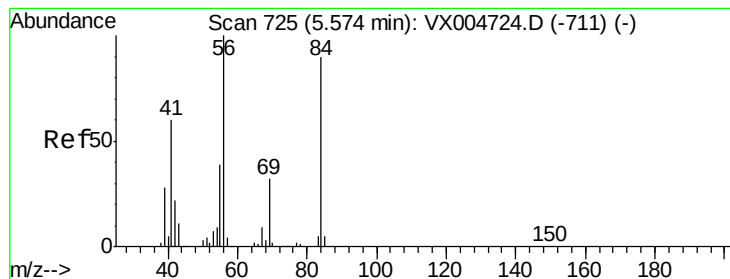
85 64.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.279 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

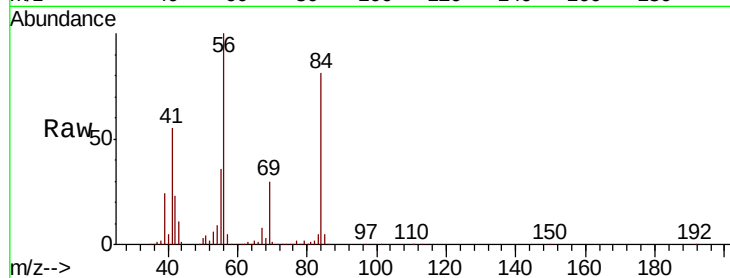
Tot Ion: 56 Resp: 208909

Ion Ratio Lower Upper

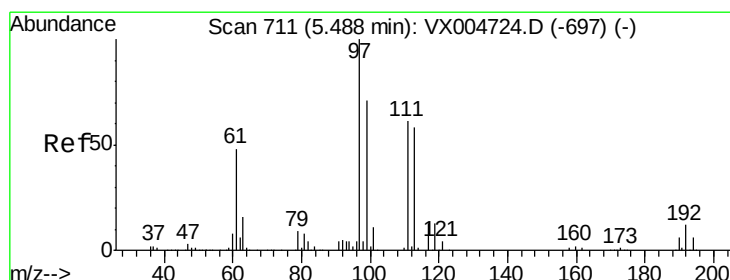
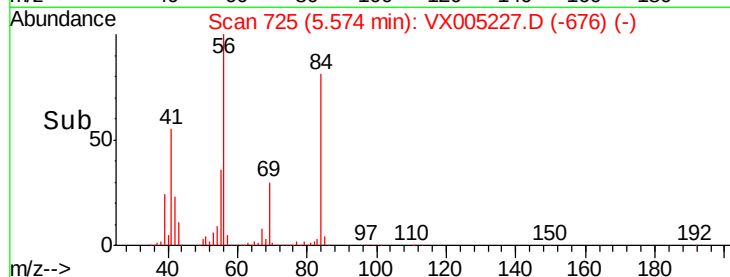
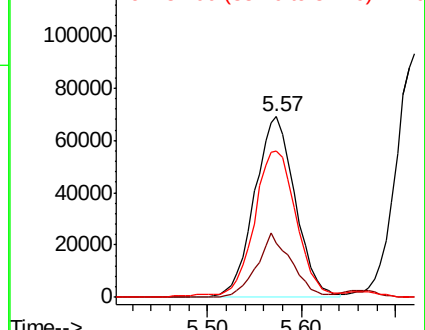
56 100

69 29.8 25.9 38.9

84 79.8 71.9 107.9



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



#32

1,1,1-Trichloroethane

Concen: 48.393 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

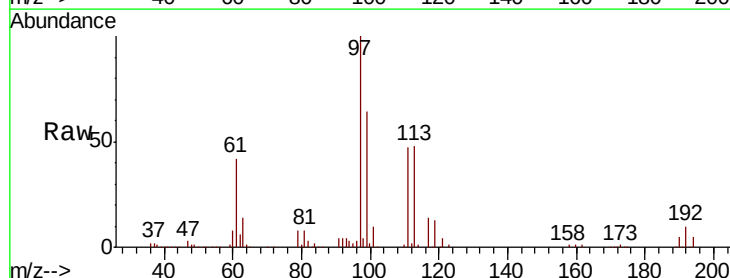
Tgt Ion: 97 Resp: 202772

Ion Ratio Lower Upper

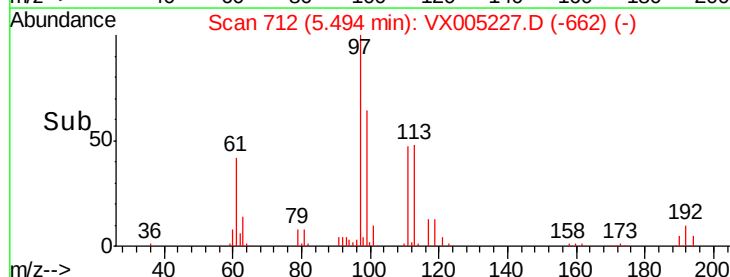
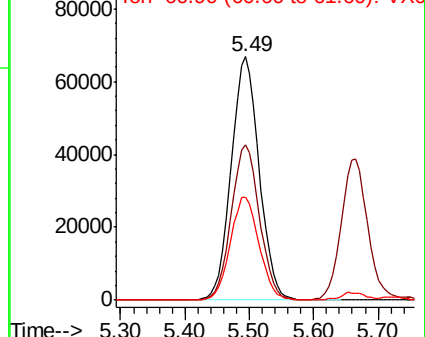
97 100

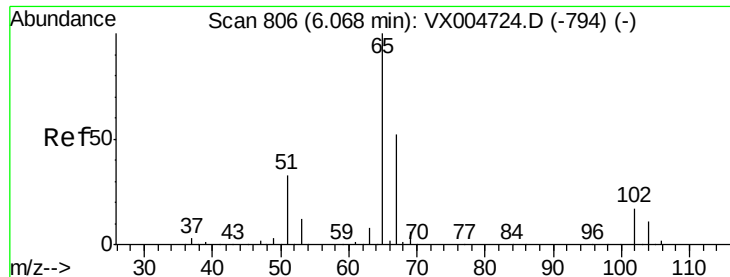
99 64.4 54.6 82.0

61 43.7 37.5 56.3



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

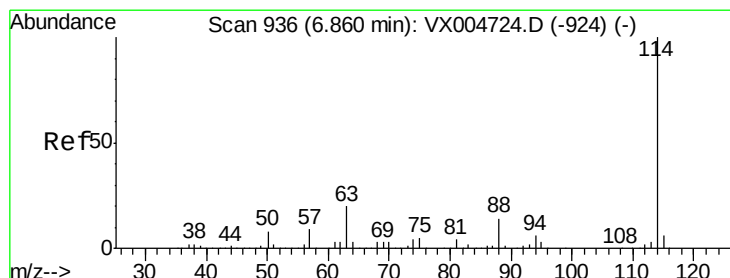
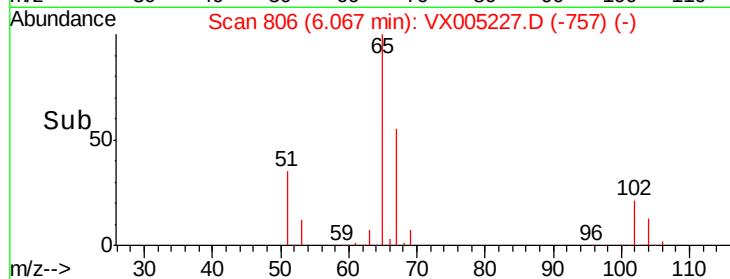
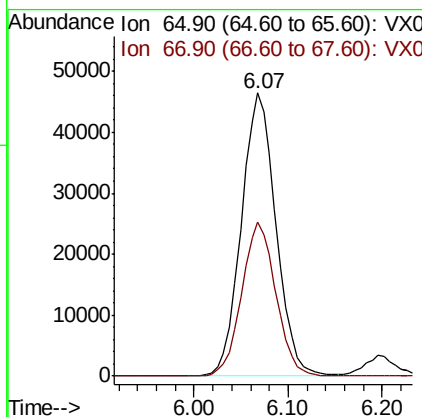
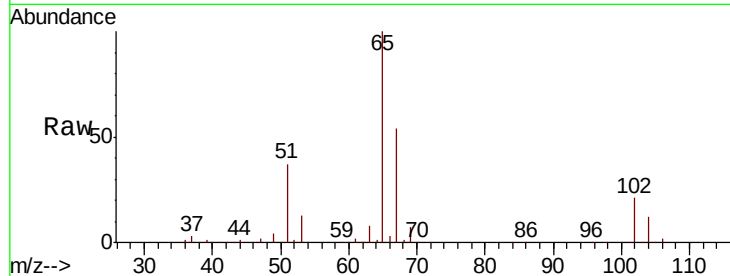




#33
 1,2-Dichloroethane-d4
 Concen: 36.580 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

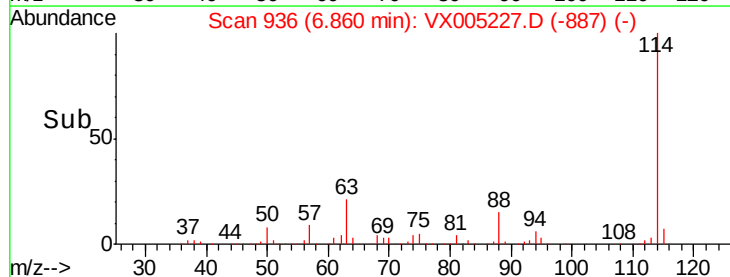
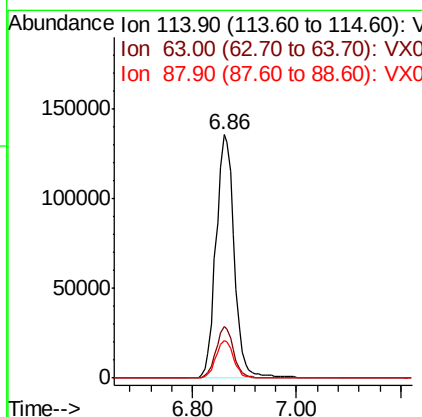
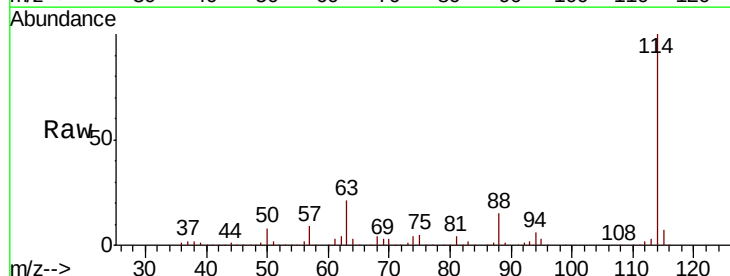
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

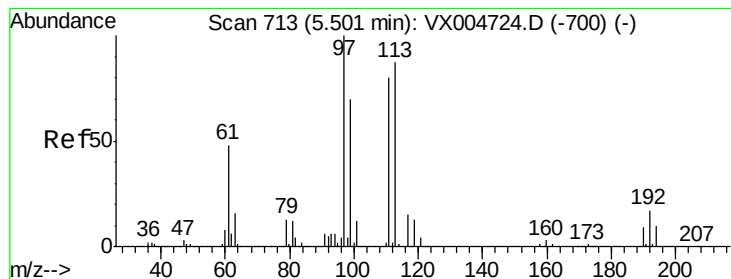
Tot Ion: 65 Resp: 119457
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion: 114 Resp: 333023
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.8
 88 15.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 35.064 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

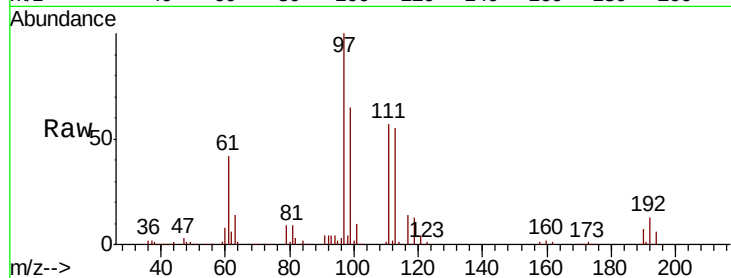
Tot Ion:113 Resp: 98965

Ion Ratio Lower Upper

113 100

111 102.2 77.0 115.4

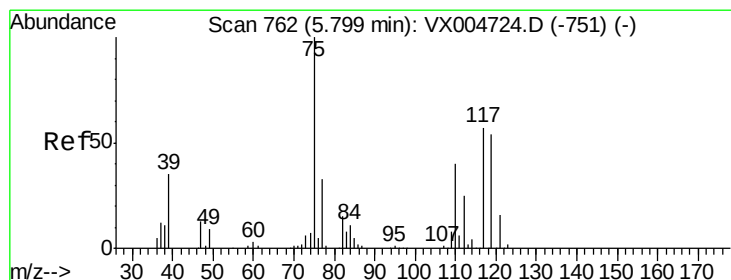
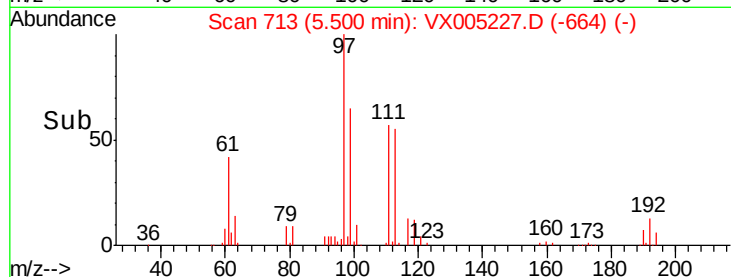
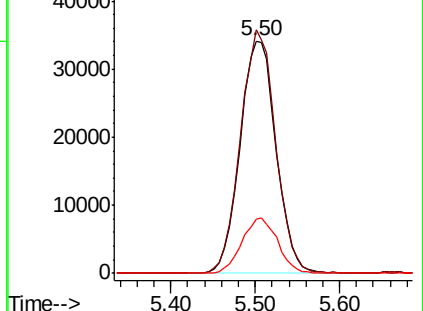
192 23.5 17.0 25.6



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: 45.060 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

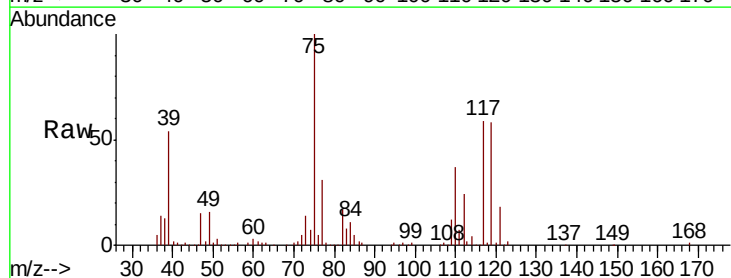
Tgt Ion: 75 Resp: 173517

Ion Ratio Lower Upper

75 100

110 36.5 20.0 59.9

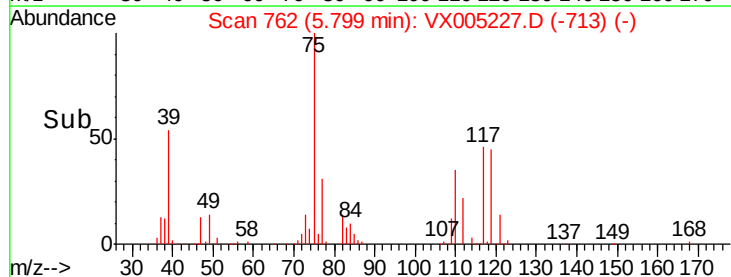
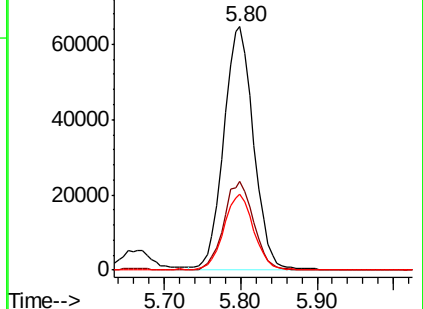
77 31.1 27.1 40.7

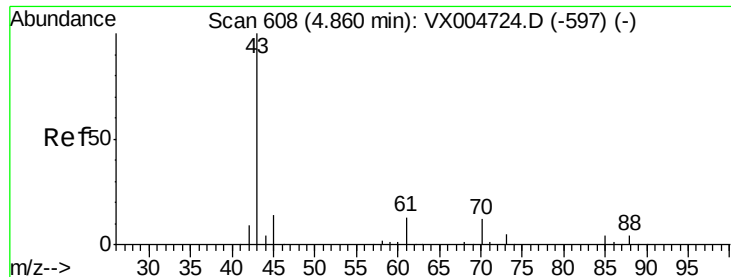


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.197 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

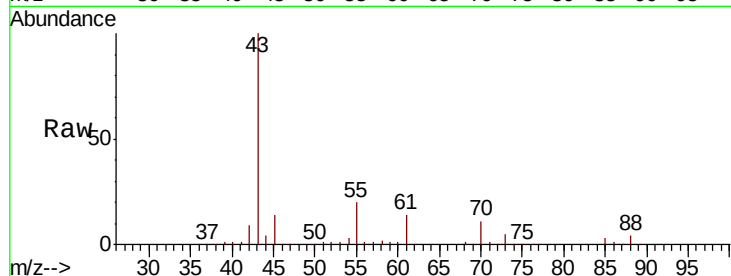
Tot Ion: 43 Resp: 236140

Ion Ratio Lower Upper

43 100

61 13.8 10.4 15.6

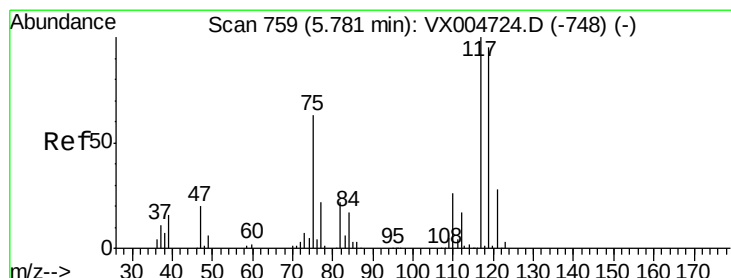
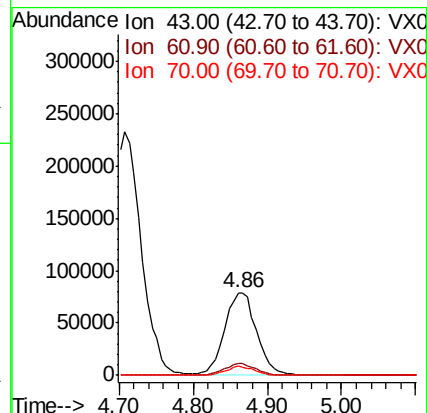
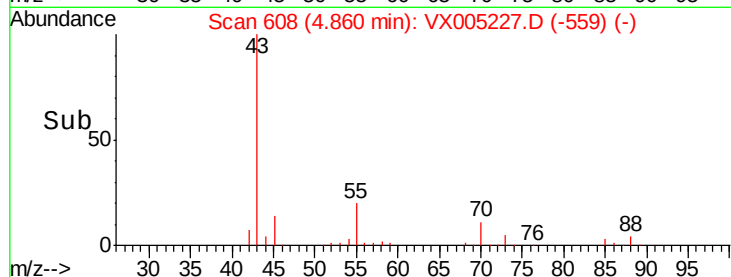
70 9.8 8.7 13.1



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: 45.150 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

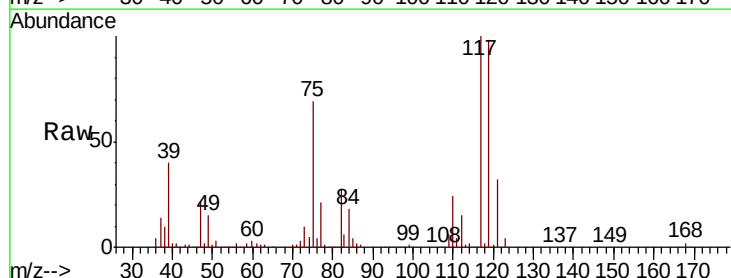
Tgt Ion: 117 Resp: 182762

Ion Ratio Lower Upper

117 100

119 97.9 75.2 112.8

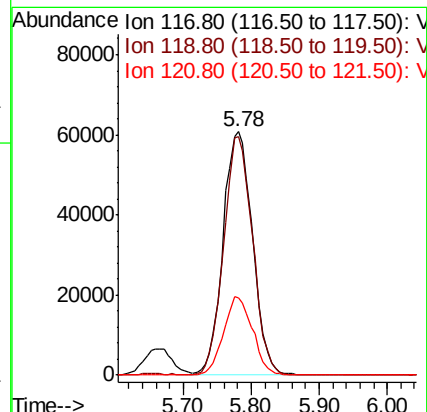
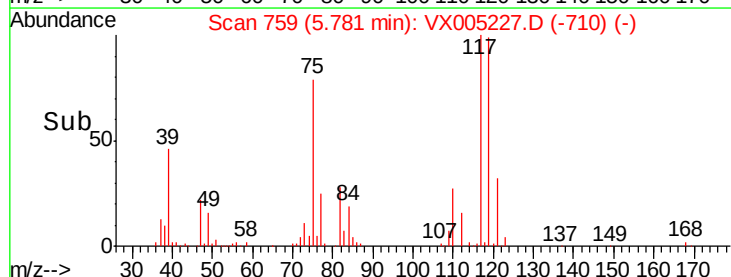
121 31.7 22.5 33.7

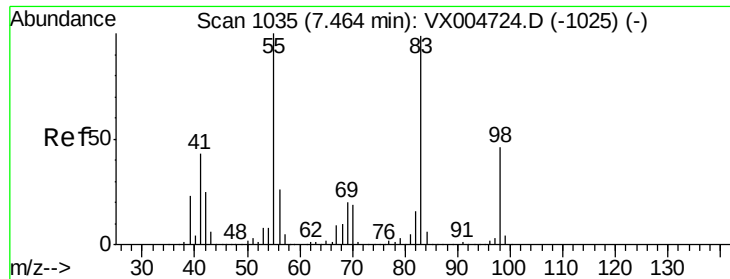


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

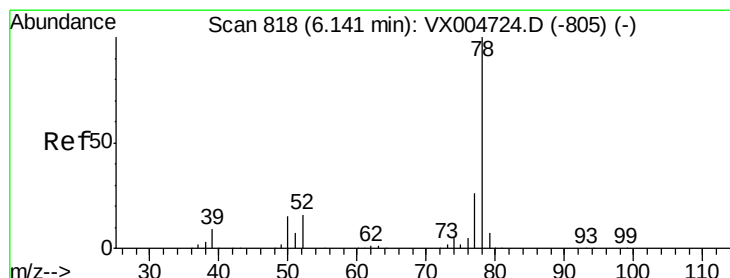
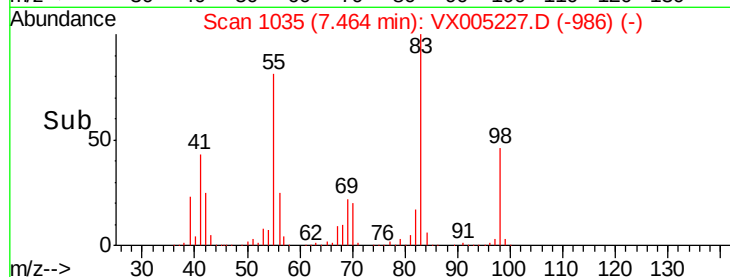
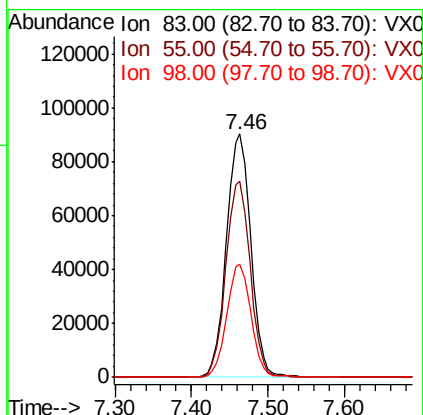
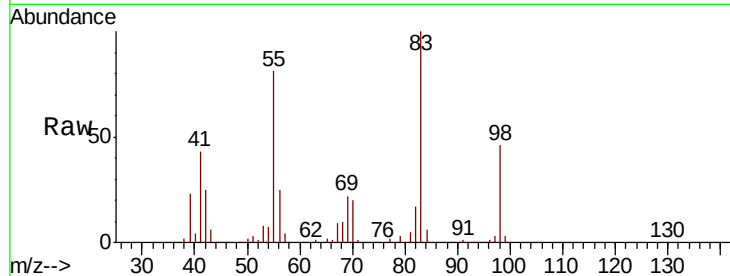




#39
Methylvlcyclohexane
Concen: 50.810 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

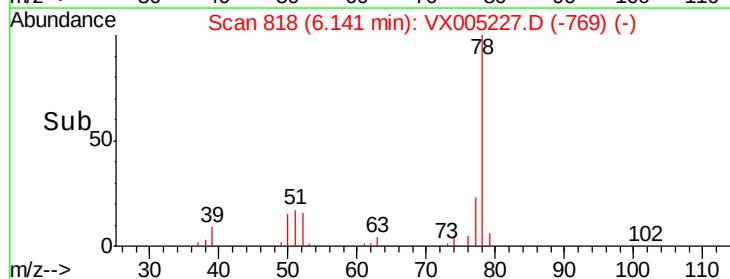
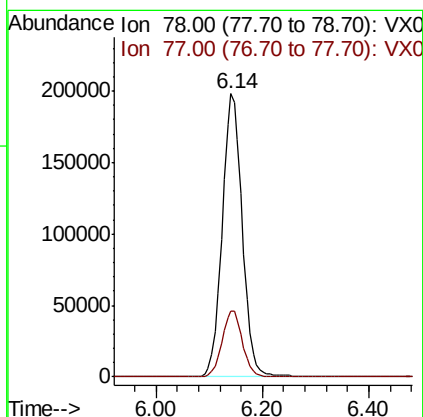
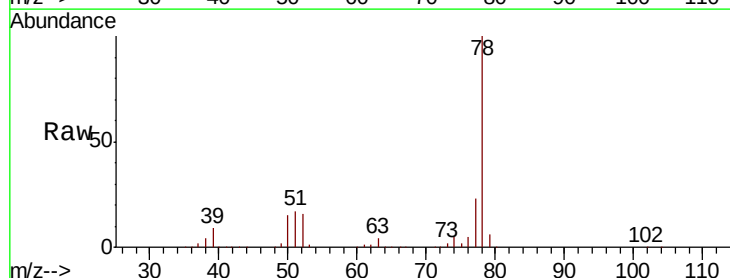
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

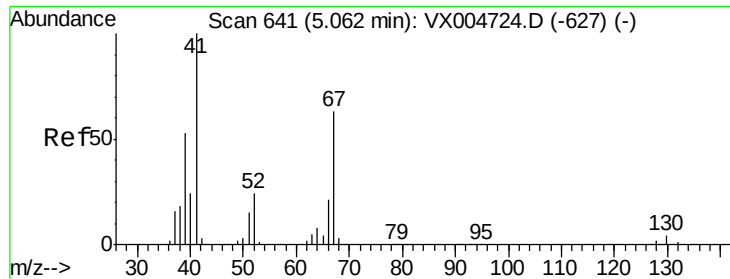
Tot Ion: 83 Resp: 199792
Ion Ratio Lower Upper
83 100
55 80.8 81.1 121.7#
98 46.3 37.3 55.9



#40
Benzene
Concen: 43.377 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 78 Resp: 522945
Ion Ratio Lower Upper
78 100
77 23.4 21.0 31.4

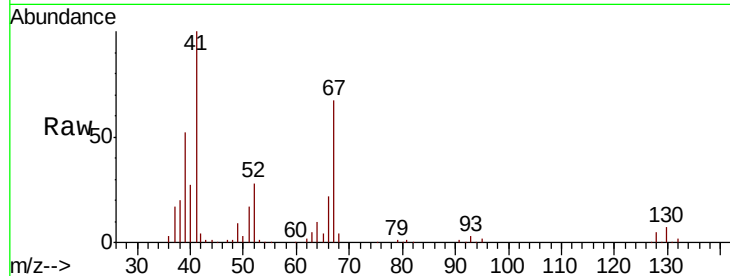




#41
Methacrylonitrile
Concen: 45.277 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	128350
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.5	63.7
67	68.3	53.0	79.6
52	28.4	19.8	29.8



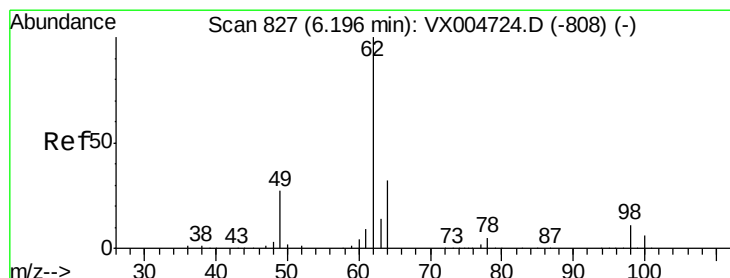
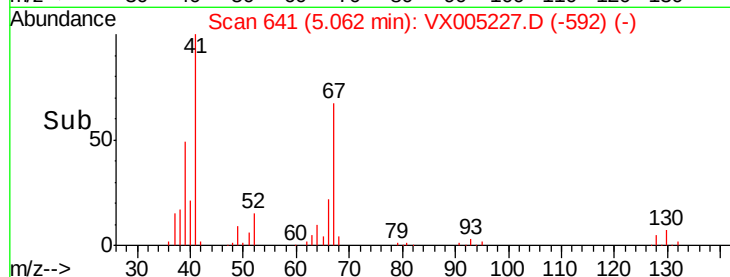
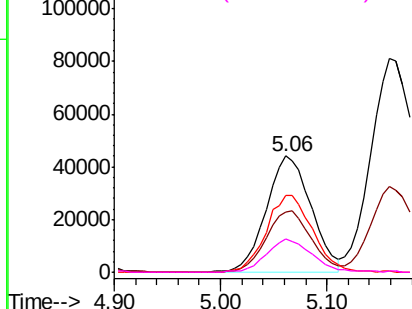
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

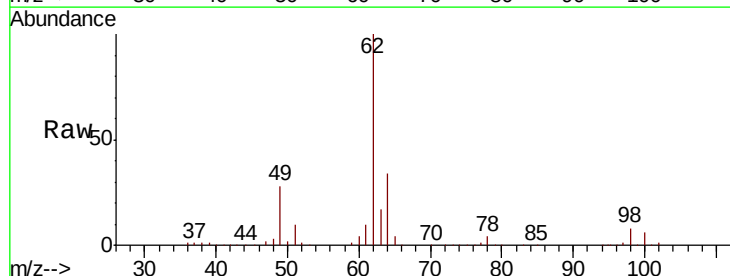
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 44.491 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

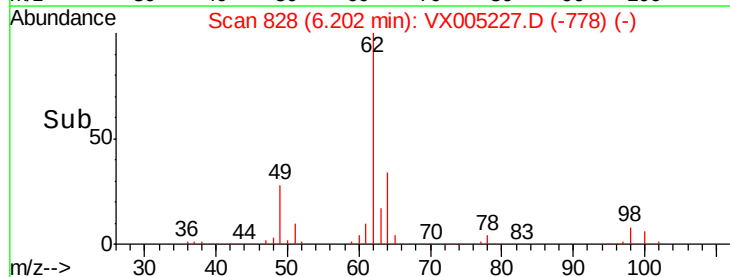
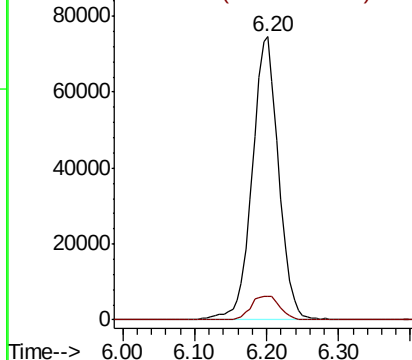
Tgt Ion:	62	Resp:	189614
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2

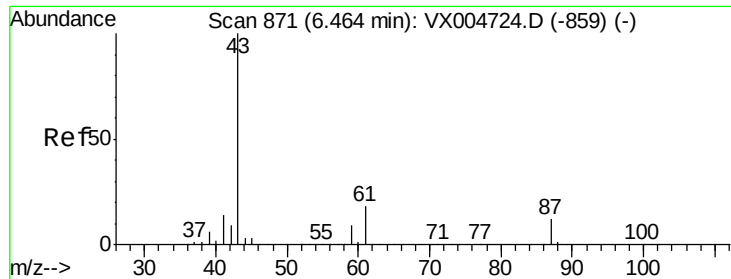


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.739 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

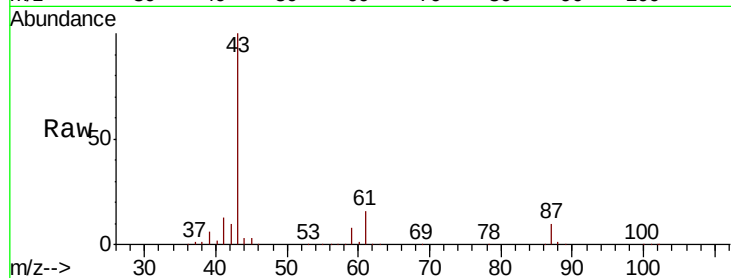
Tot Ion: 43 Resp: 352211

Ion Ratio Lower Upper

43 100

61 18.6 14.2 21.4

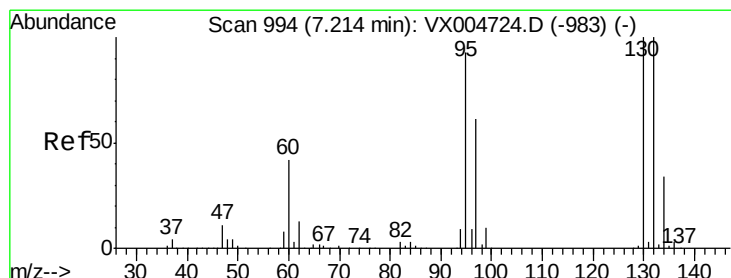
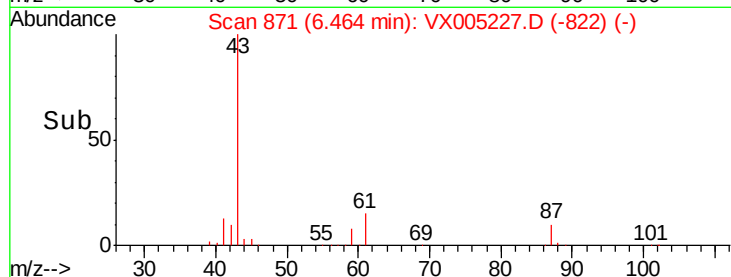
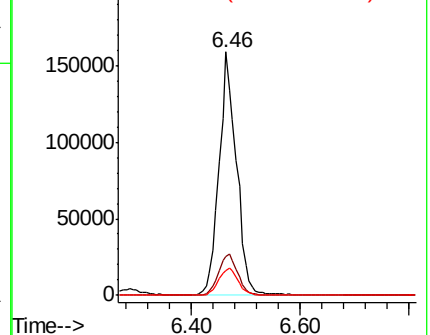
87 12.2 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.202 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005227.D

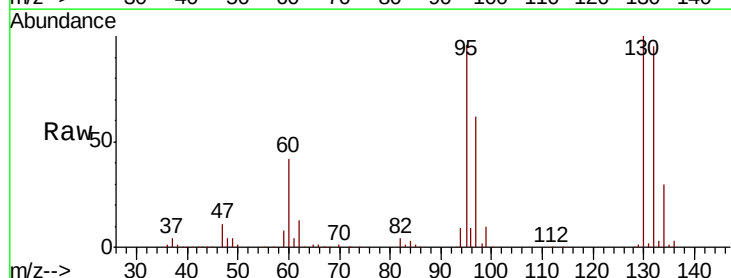
Acq: 11 Oct 2018 00:29

Tgt Ion:130 Resp: 139890

Ion Ratio Lower Upper

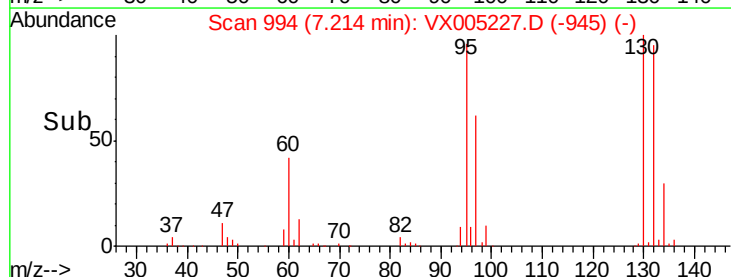
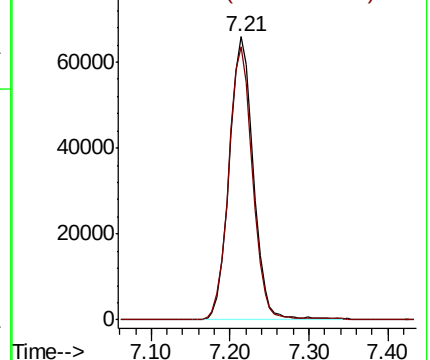
130 100

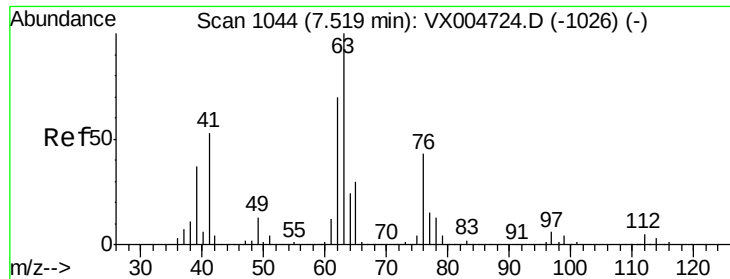
95 96.4 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

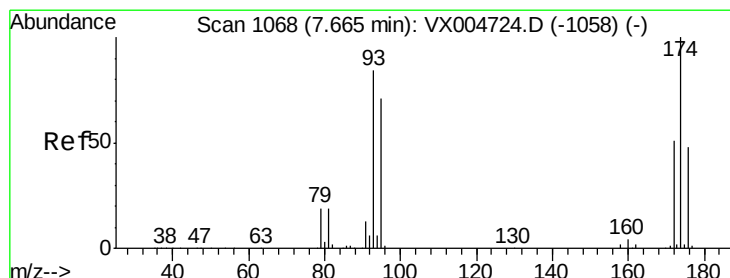
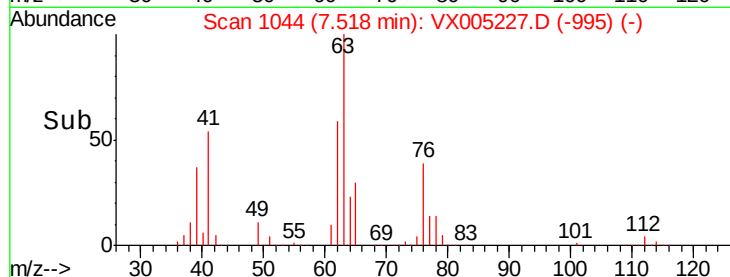
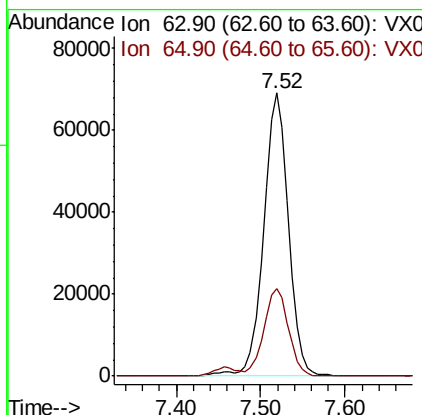
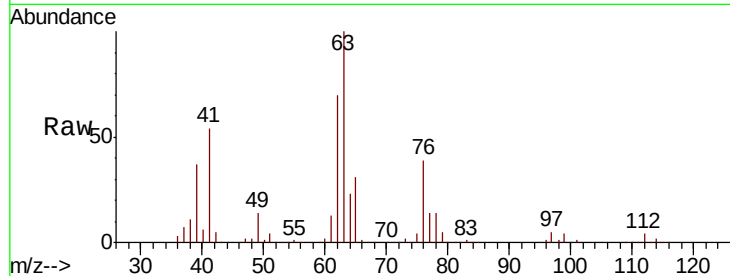




#45
 1,2-Dichloropropane
 Concen: 47.430 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

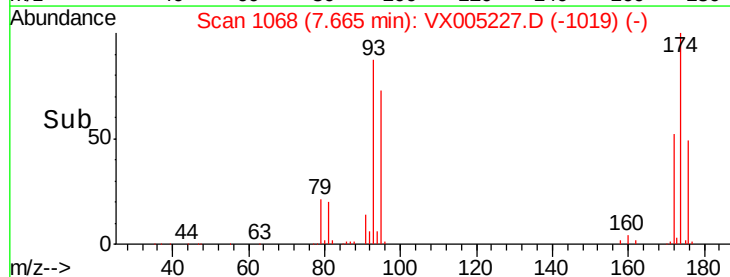
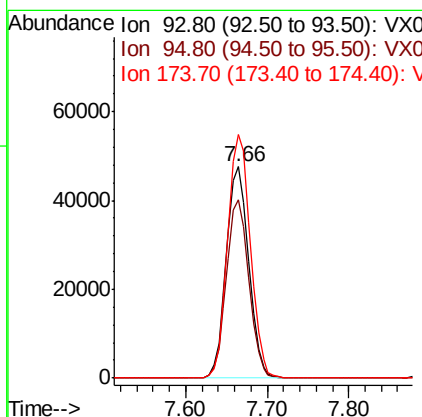
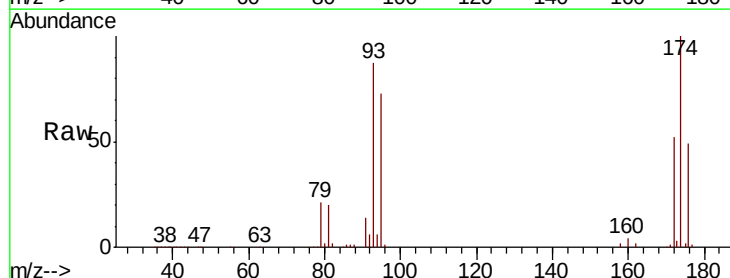
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

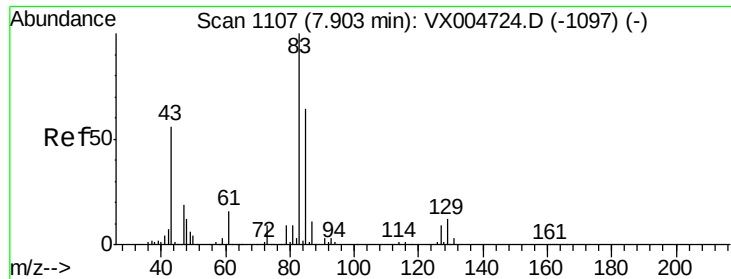
Tot Ion: 63 Resp: 140223
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.9 35.9



#46
 Dibromomethane
 Concen: 48.660 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion: 93 Resp: 90410
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.7 100.1
 174 116.8 92.7 139.1





#47

Bromodichloromethane

Concen: 50.813 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

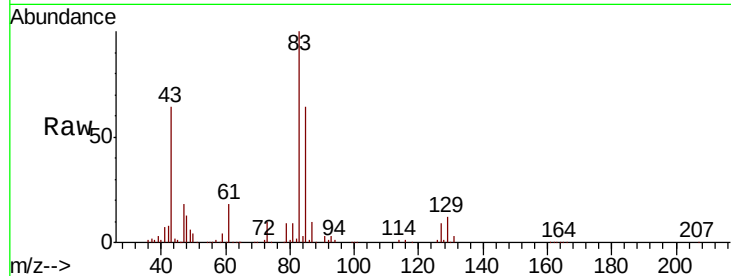
Tot Ion: 83 Resp: 176761

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

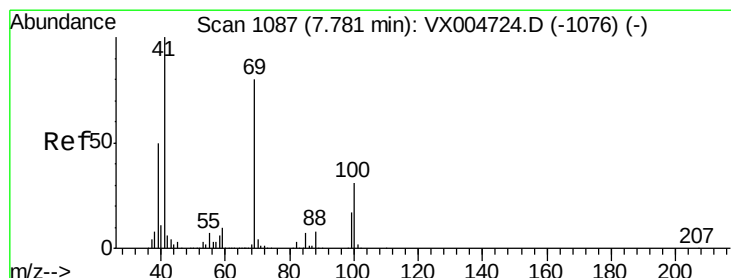
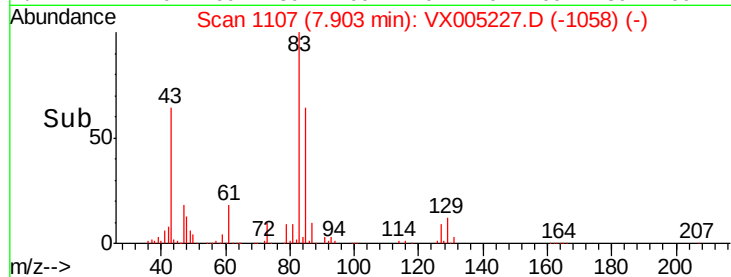
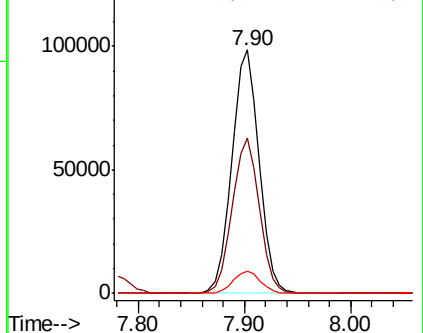
127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.187 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

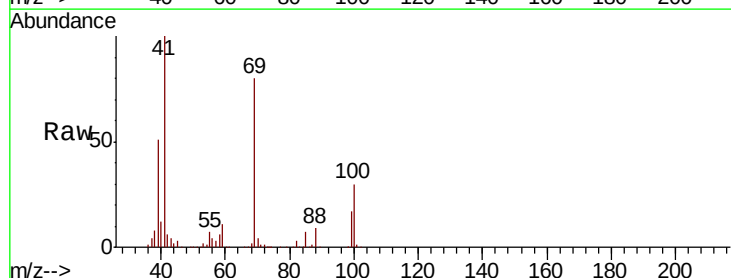
Tgt Ion: 41 Resp: 181454

Ion Ratio Lower Upper

41 100

69 80.2 63.8 95.6

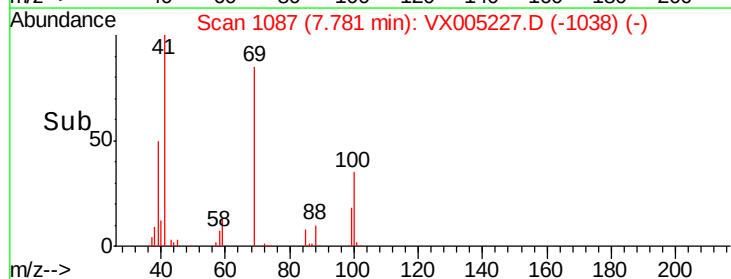
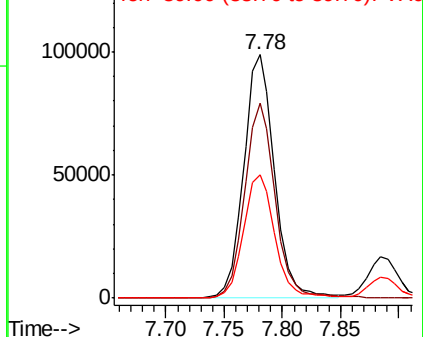
39 51.3 40.7 61.1

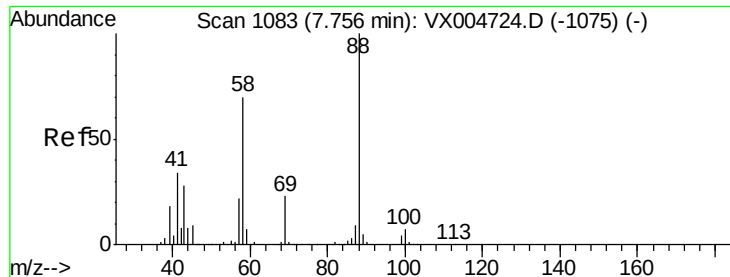


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1037.561 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

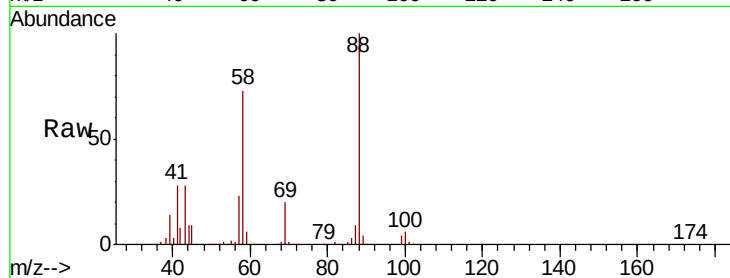
Tot Ion: 88 Resp: 86319

Ion Ratio Lower Upper

88 100

43 32.0 25.1 37.7

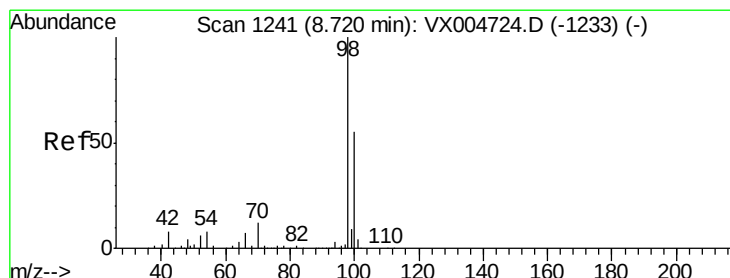
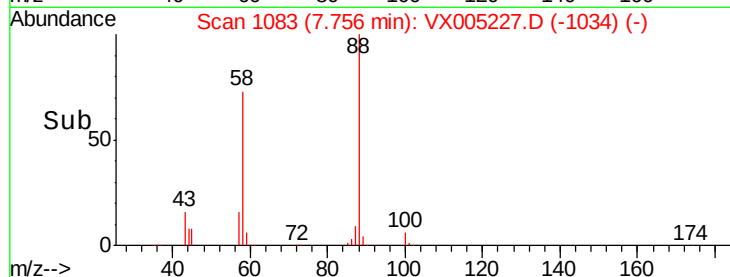
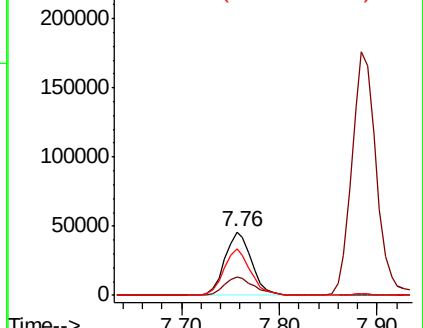
58 73.1 56.2 84.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 38.469 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005227.D

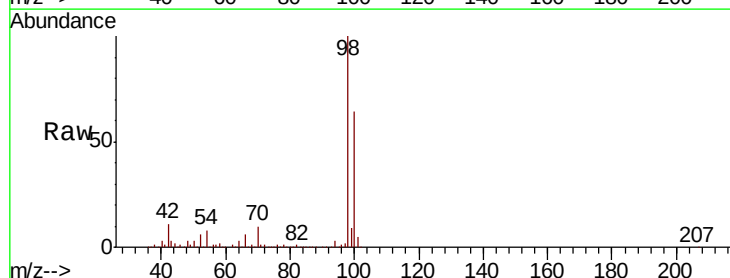
Acq: 11 Oct 2018 00:29

Tgt Ion: 98 Resp: 360958

Ion Ratio Lower Upper

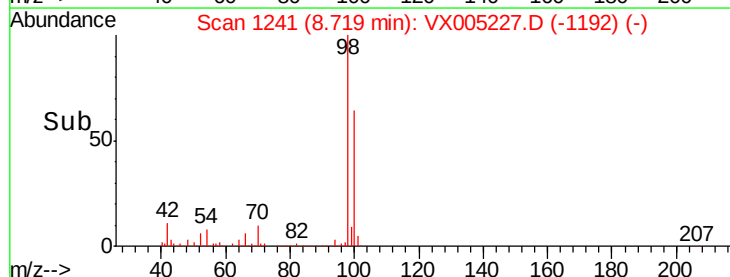
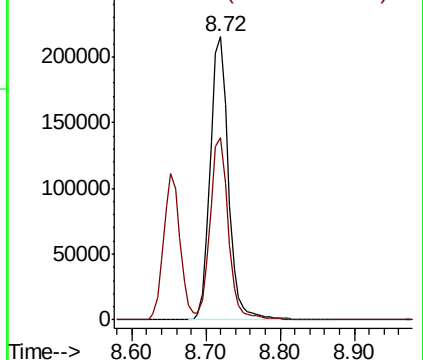
98 100

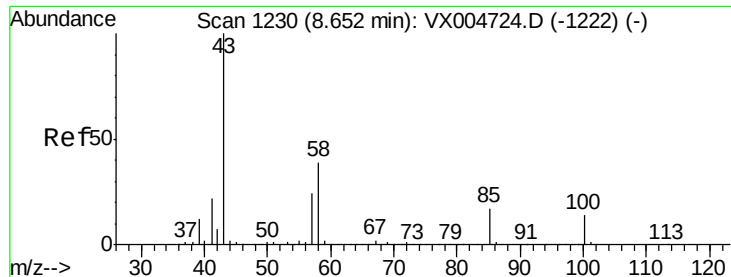
100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

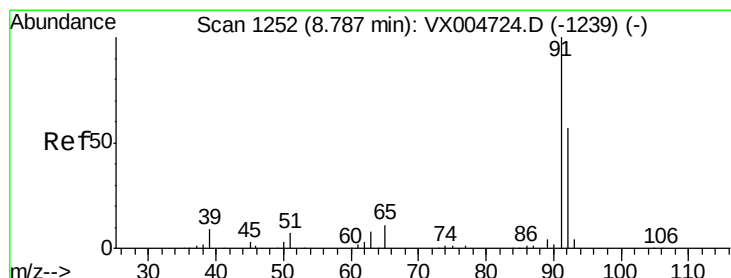
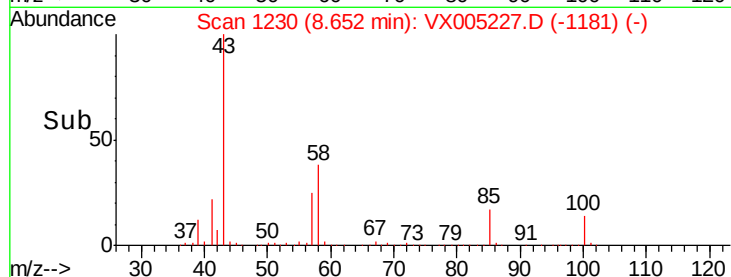
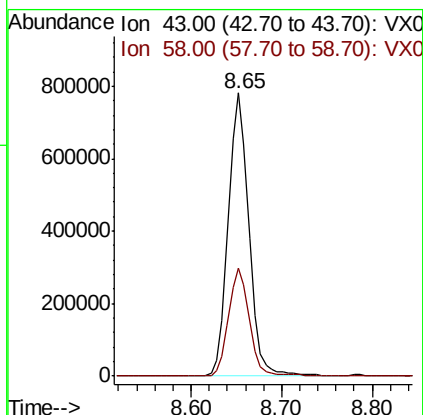
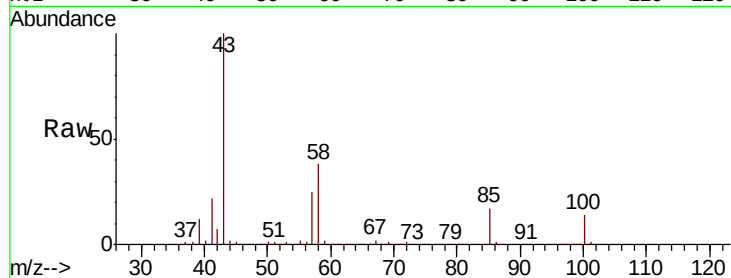




#51
4-Methyl-2-Pentanone
Concen: 265.825 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

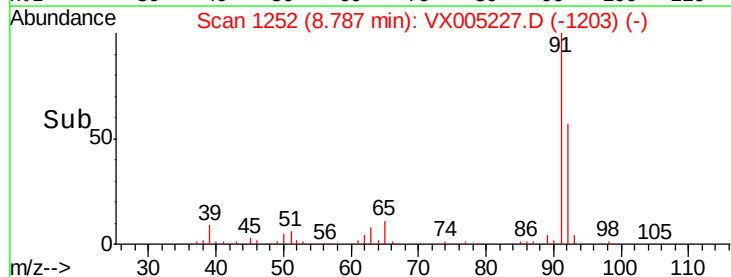
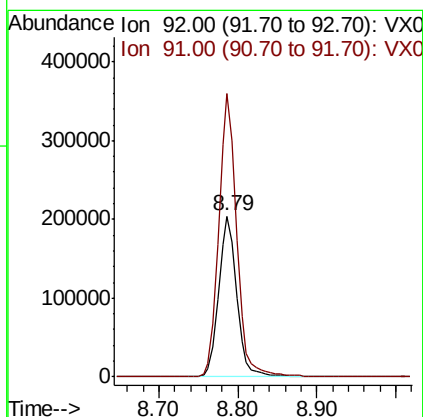
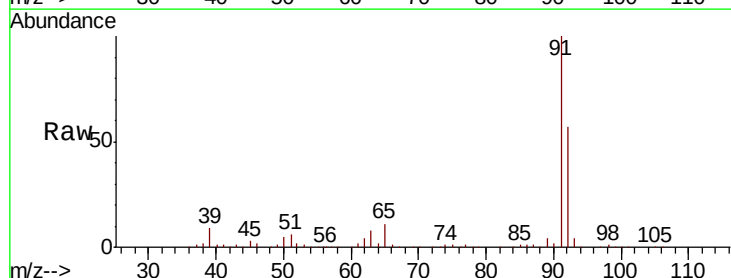
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

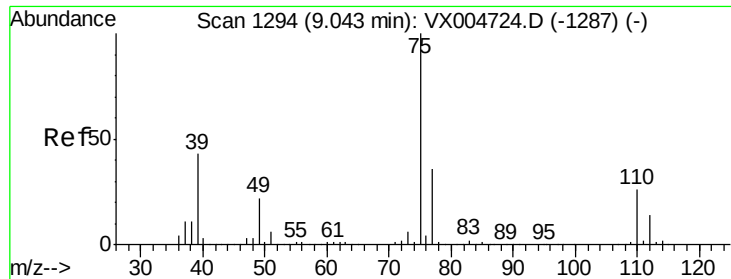
Tot Ion: 43 Resp: 1234866
Ion Ratio Lower Upper
43 100
58 38.6 30.5 45.7



#52
Toluene
Concen: 49.491 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 92 Resp: 327849
Ion Ratio Lower Upper
92 100
91 174.5 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 48.488 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

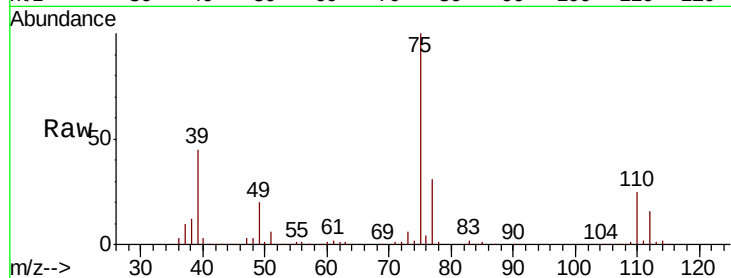
VSTDCCC050EC

Tot Ion: 75 Resp: 190608

Ion Ratio Lower Upper

75 100

77 31.4 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

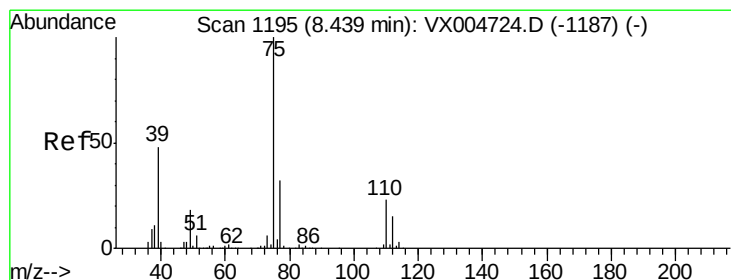
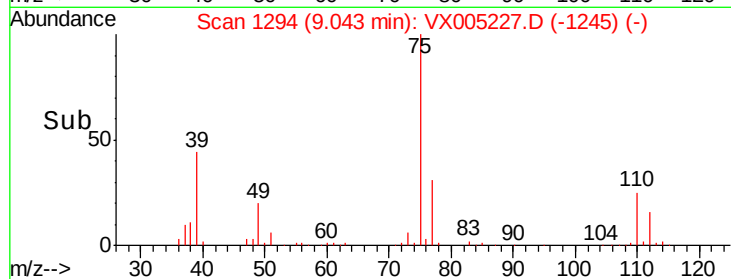
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.137 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

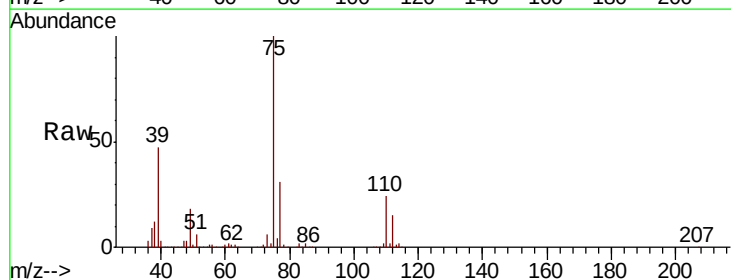
Tgt Ion: 75 Resp: 206436

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

39 46.6 38.3 57.5



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

8.44

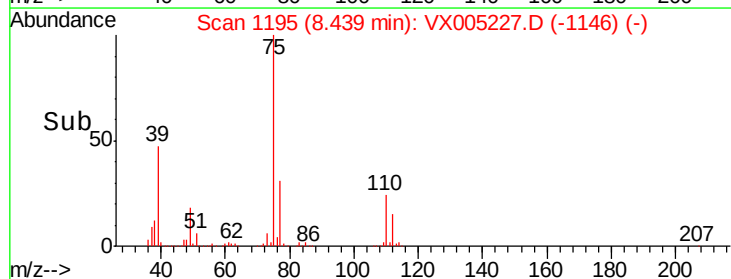
150000

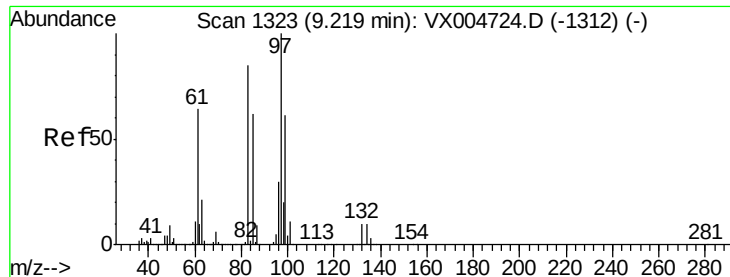
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 47.140 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 136786

Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.2	102.2
85	55.9	49.9	74.9
99	63.5	48.9	73.3

97 100

83 85.1 68.2 102.2

85 55.9 49.9 74.9

99 63.5 48.9 73.3

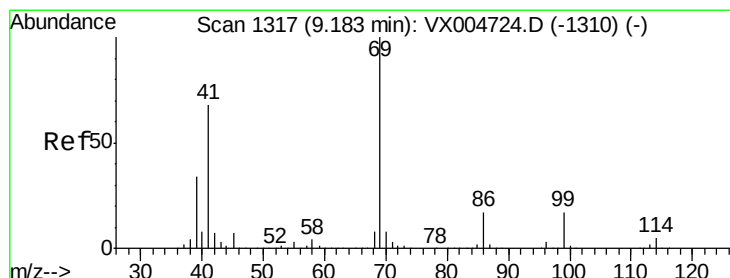
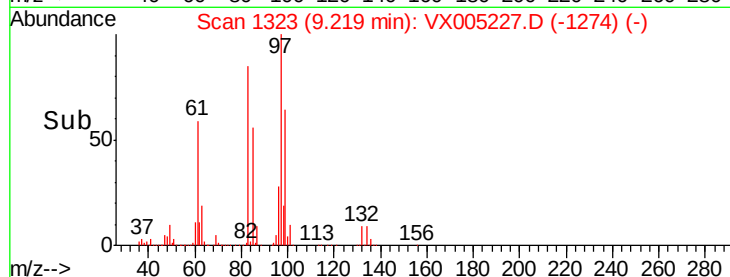
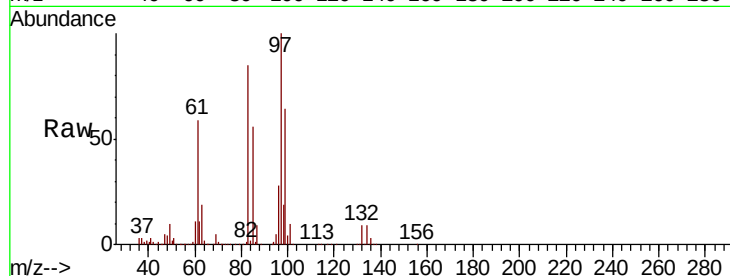
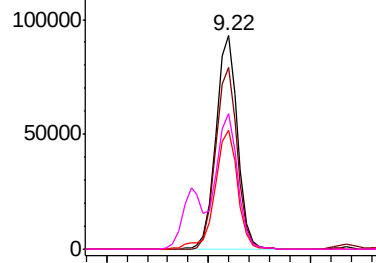
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 46.045 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion: 69 Resp: 215682

Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.9	85.3
39	33.6	28.4	42.6

69 100

41 68.8 56.9 85.3

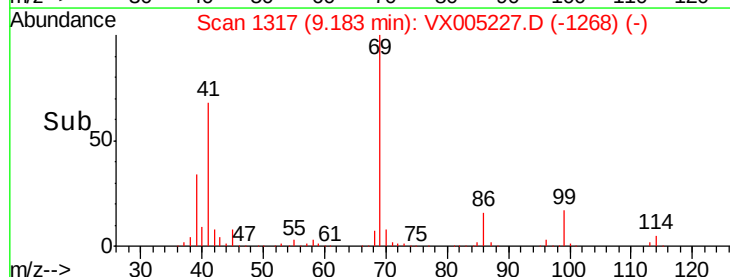
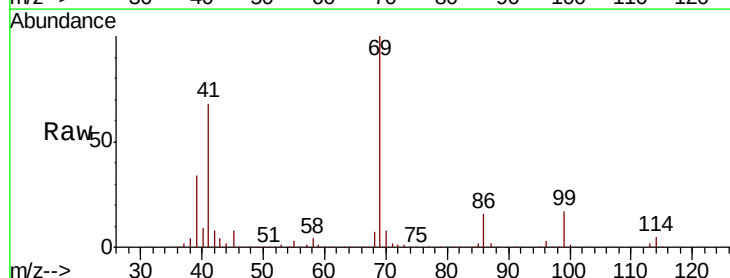
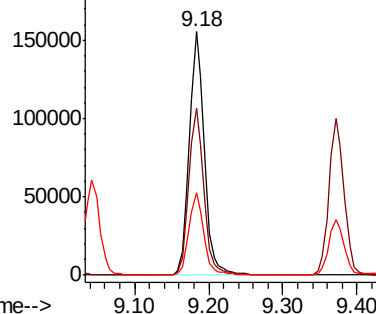
39 33.6 28.4 42.6

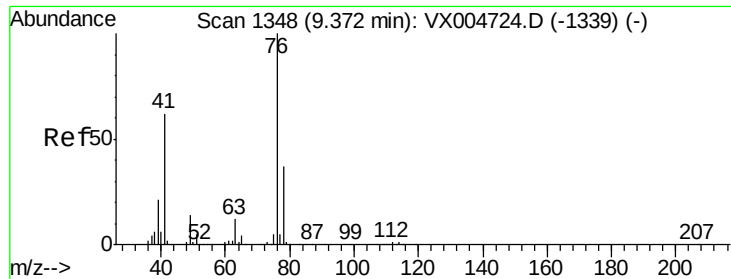
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

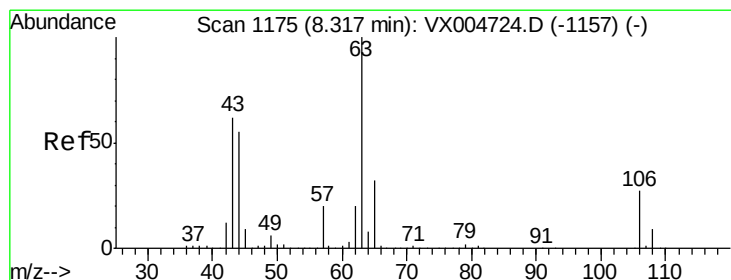
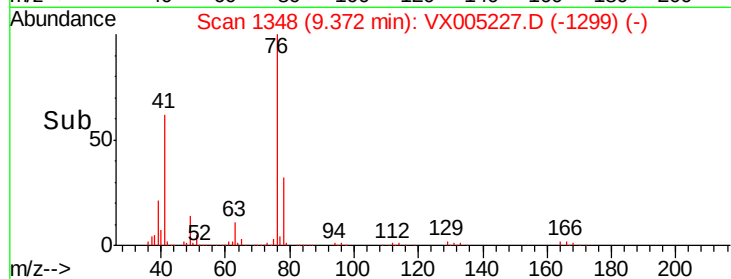
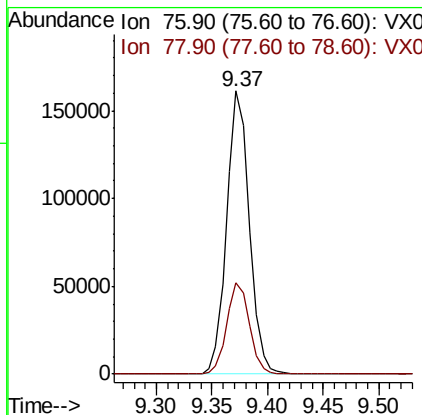
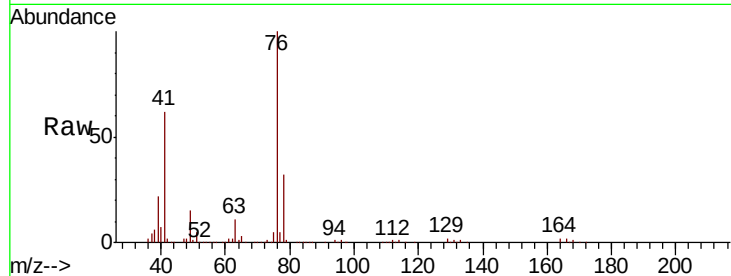




#57
 1,3-Dichloropropane
 Concen: 47.058 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

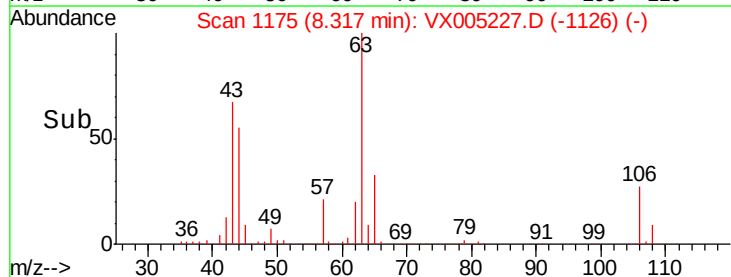
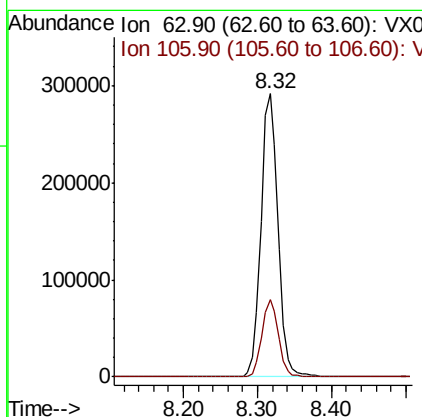
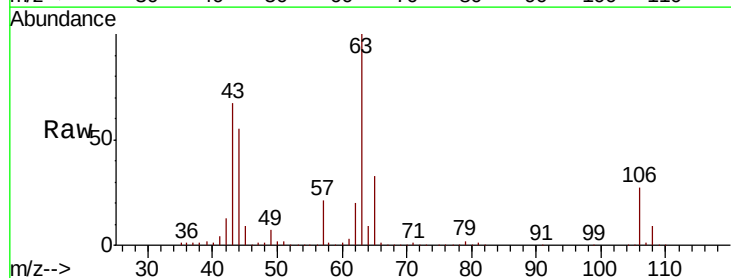
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

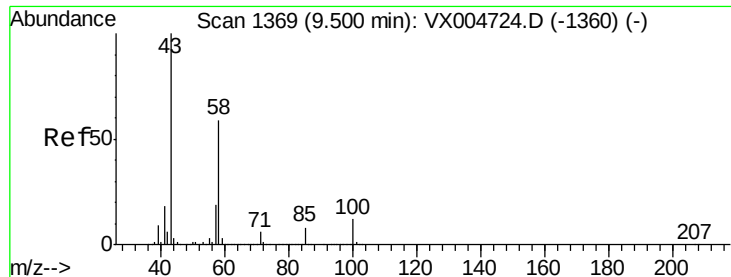
Tot Ion: 76 Resp: 227263
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 191.170 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion: 63 Resp: 469086
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.6

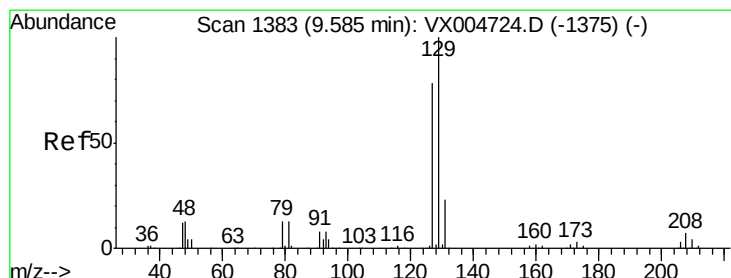
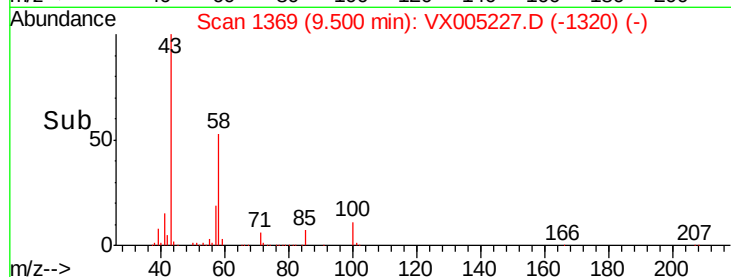
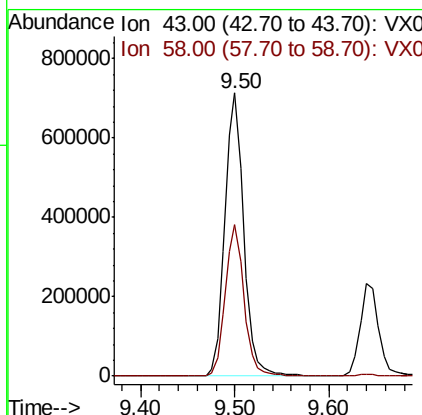
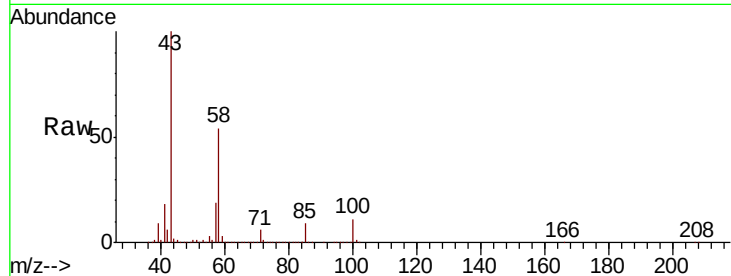




#59
2-Hexanone
Concen: 256.816 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

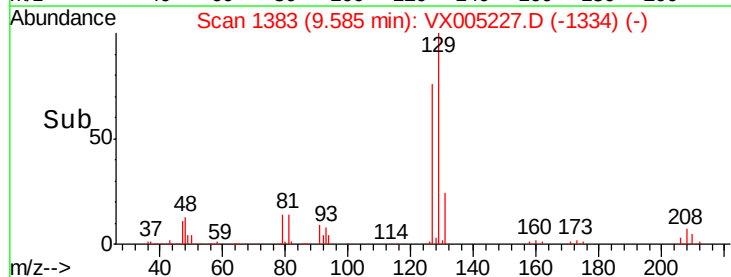
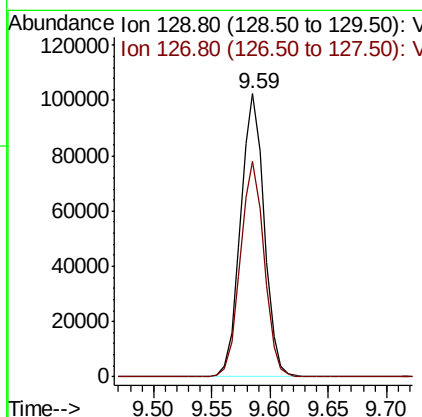
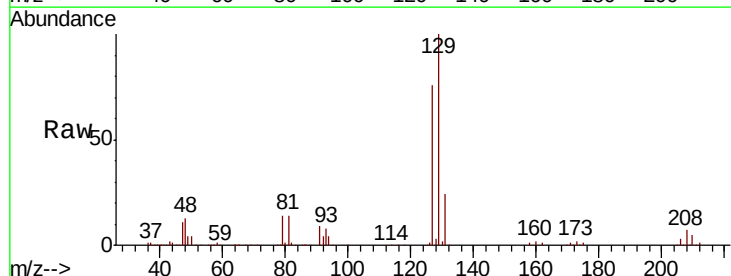
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

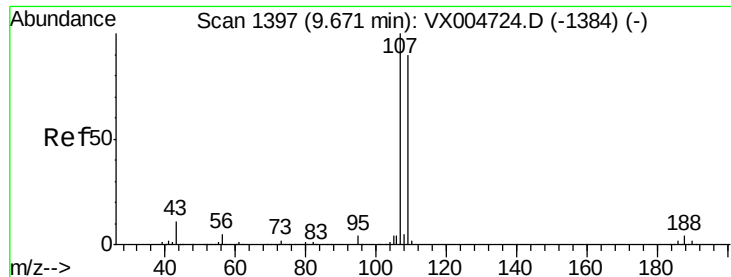
Tot Ion: 43 Resp: 994162
Ion Ratio Lower Upper
43 100
58 53.1 28.4 85.3



#60
Dibromochloromethane
Concen: 50.189 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 129 Resp: 145647
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 45.953 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

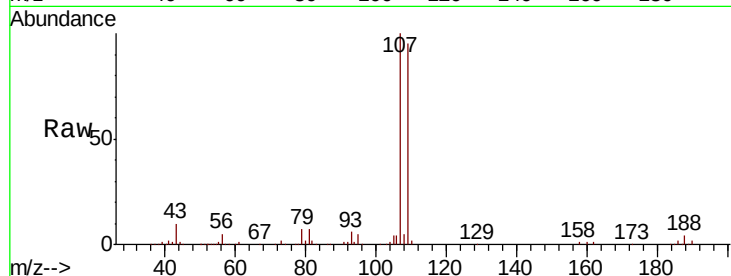
VSTDCCC050EC

Tot Ion:107 Resp: 142803

Ion Ratio Lower Upper

107 100

109 94.6 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

60000

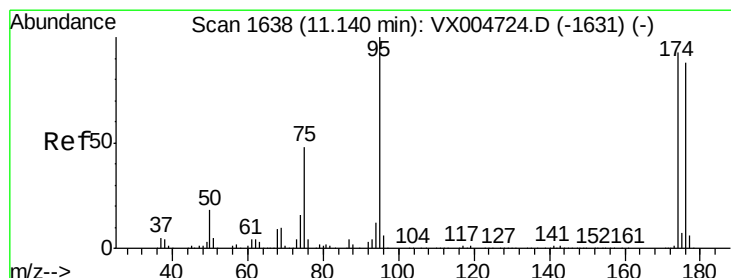
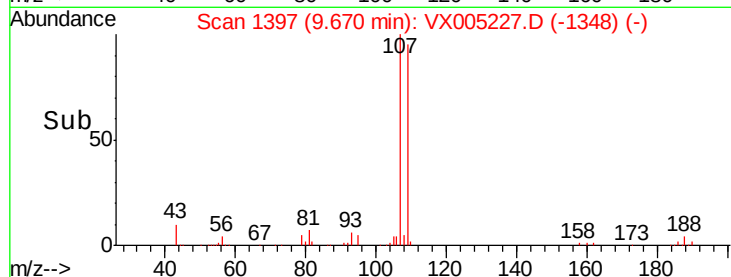
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 40.982 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

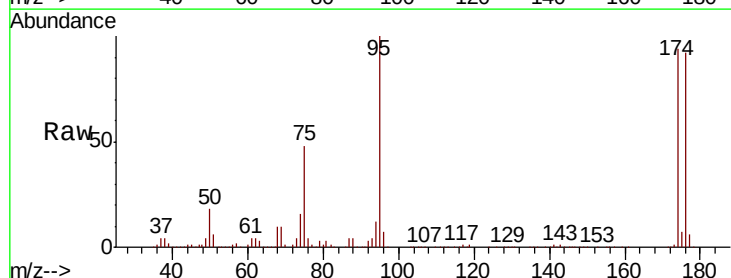
Tgt Ion: 95 Resp: 138533

Ion Ratio Lower Upper

95 100

174 93.4 0.0 185.0

176 91.3 0.0 180.2



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

150000

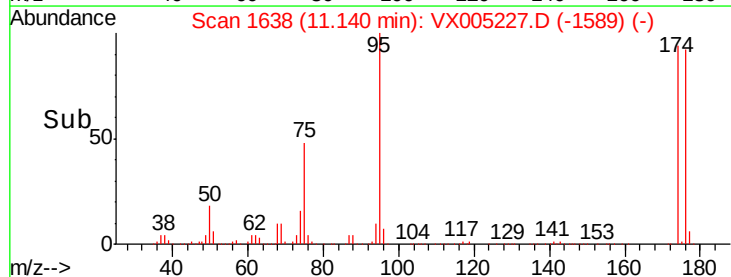
100000

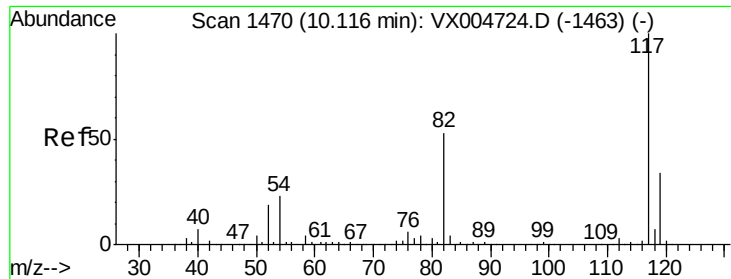
50000

0

Time-->

11.10 11.20

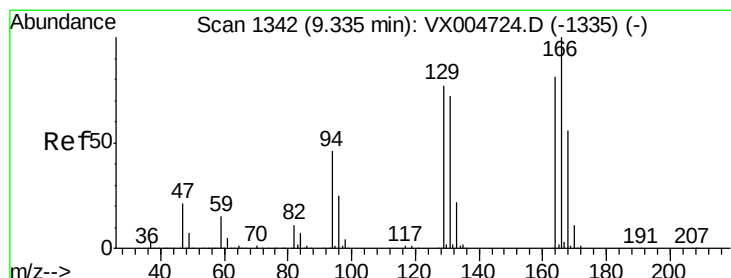
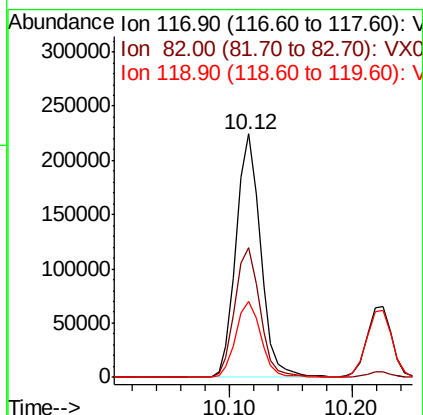
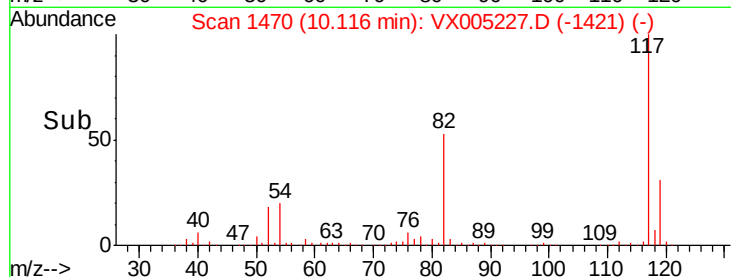
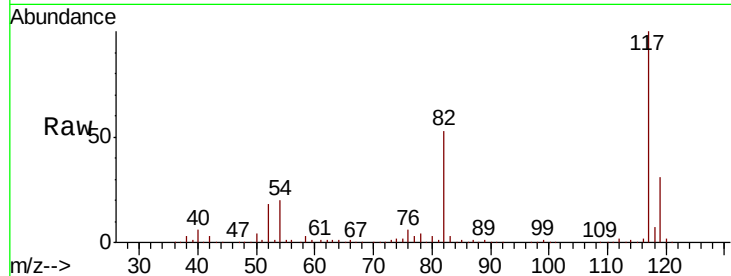




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

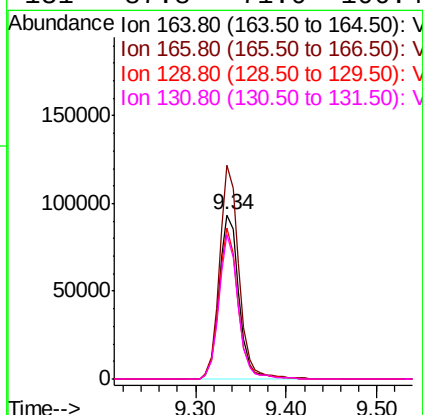
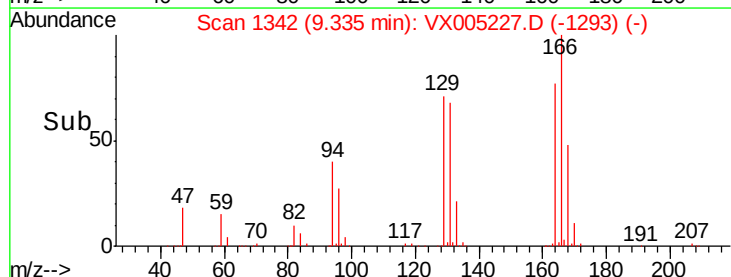
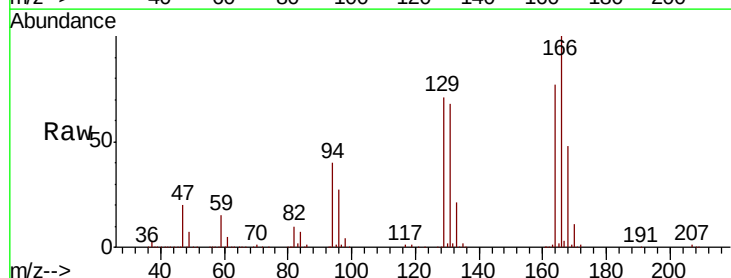
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

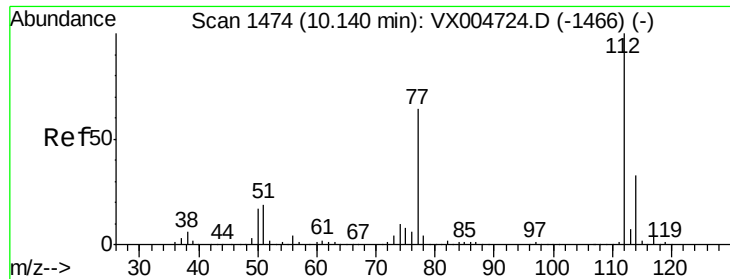
Tot Ion:117 Resp: 312093
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 31.1 27.4 41.0



#64
Tetrachloroethene
Concen: 46.606 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion:164 Resp: 143157
Ion Ratio Lower Upper
164 100
166 130.0 98.4 147.6
129 91.7 76.1 114.1
131 87.8 71.0 106.4

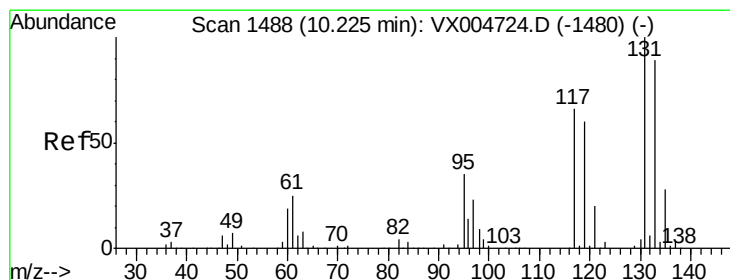
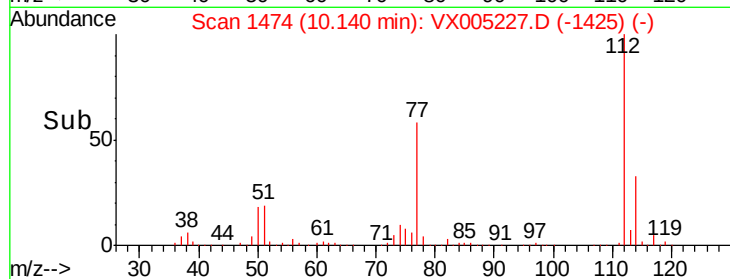
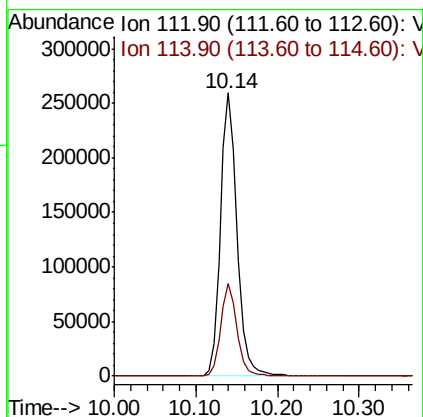
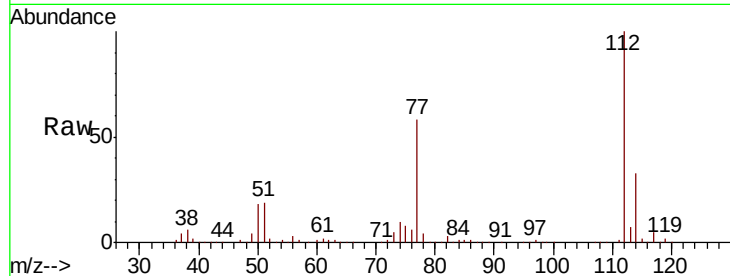




#65
Chlorobenzene
Concen: 46.252 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

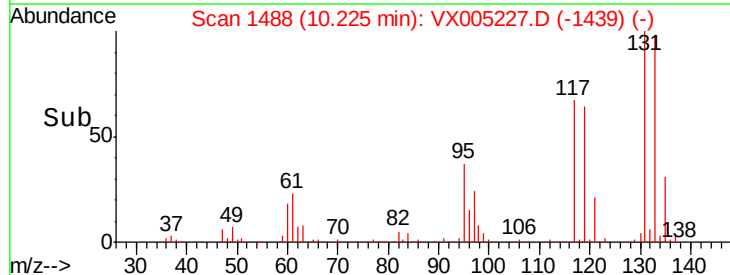
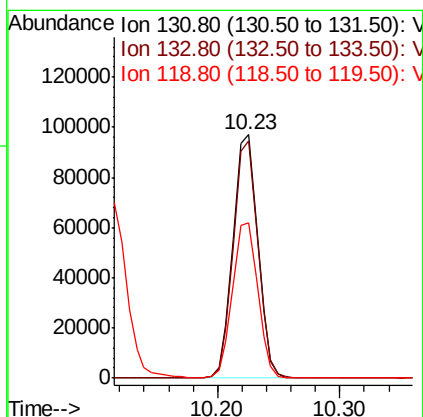
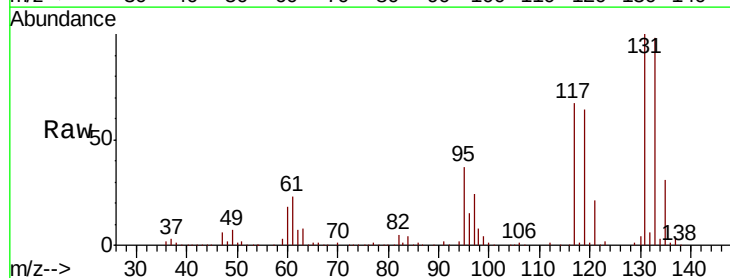
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

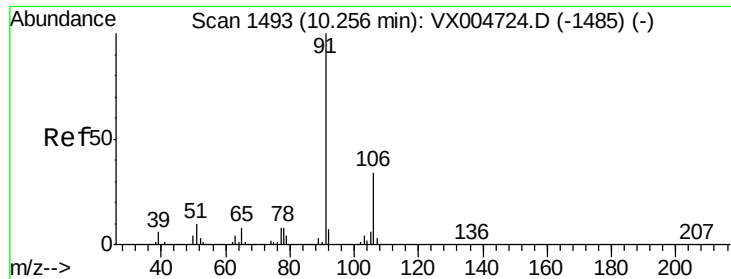
Tot Ion:112 Resp: 370152
Ion Ratio Lower Upper
112 100
114 32.6 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.325 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion:131 Resp: 135962
Ion Ratio Lower Upper
131 100
133 96.6 48.4 145.0
119 65.0 32.3 96.8





#67

Ethyl Benzene

Concen: 49.951 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

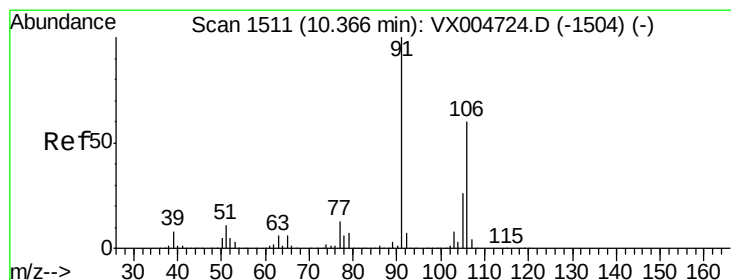
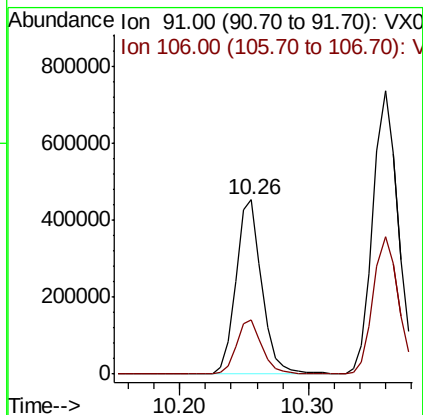
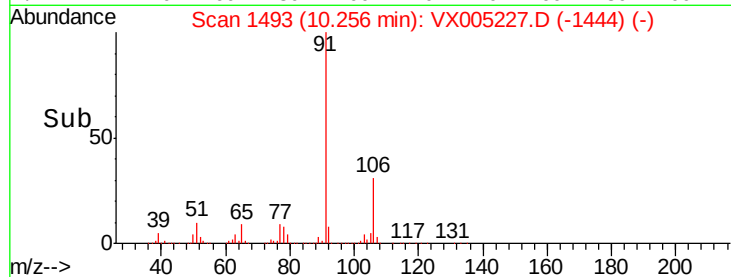
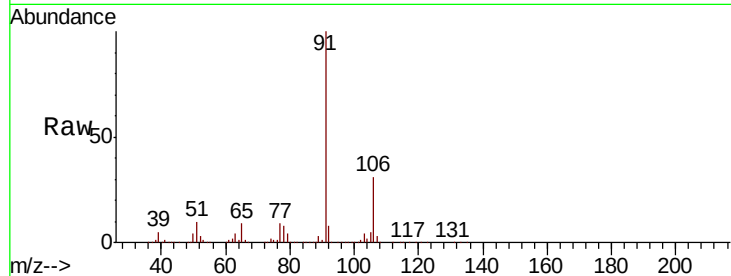
VSTDCCC050EC

Tot Ion: 91 Resp: 634655

Ion Ratio Lower Upper

91 100

106 31.3 26.9 40.3



#68

m/p-Xylenes

Concen: 99.475 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005227.D

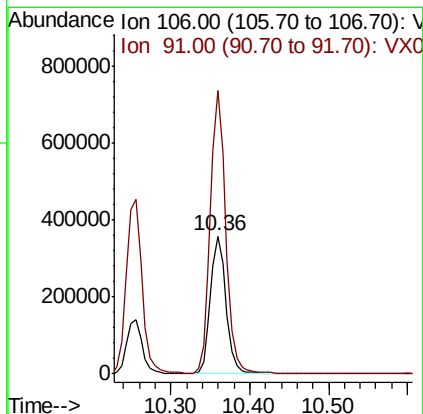
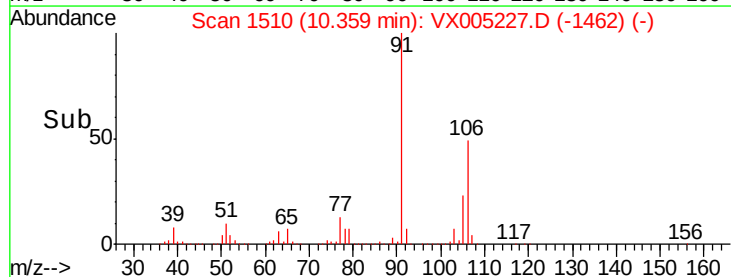
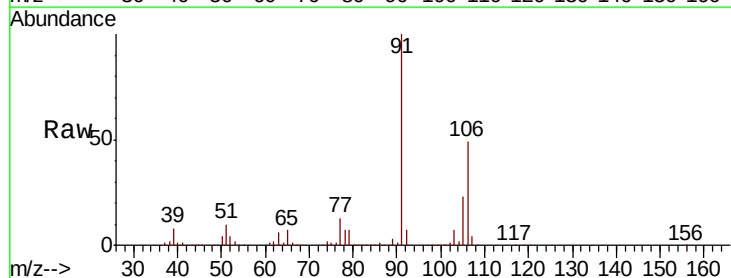
Acq: 11 Oct 2018 00:29

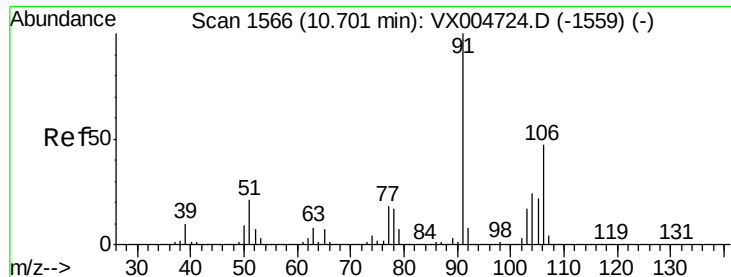
Tgt Ion: 106 Resp: 493896

Ion Ratio Lower Upper

106 100

91 204.2 157.5 236.3

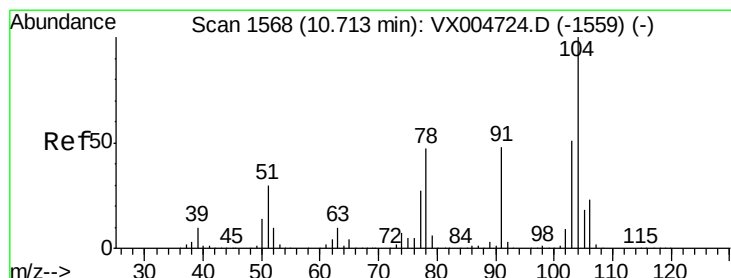
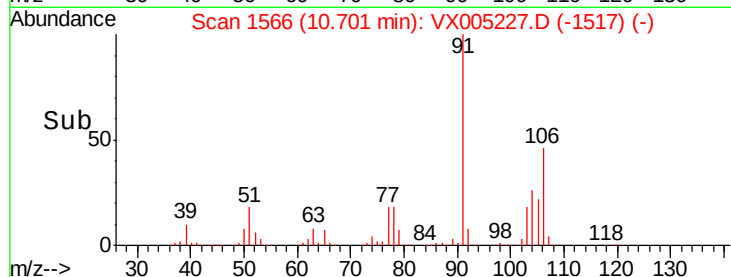
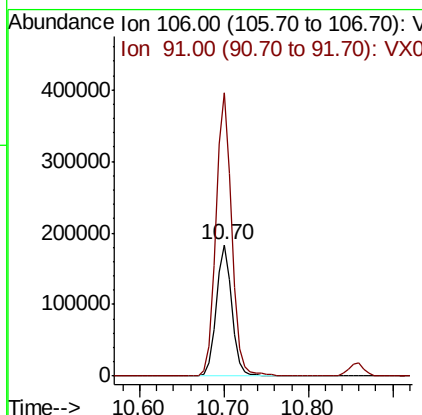
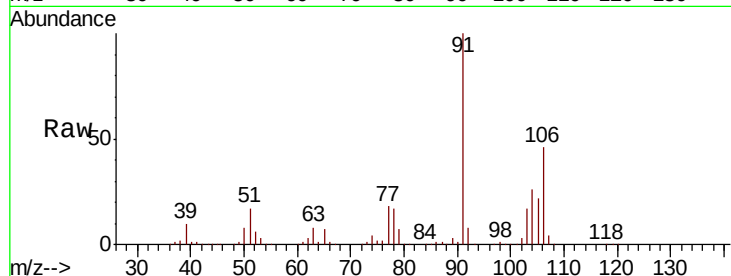




#69
o-Xylene
Concen: 51.948 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

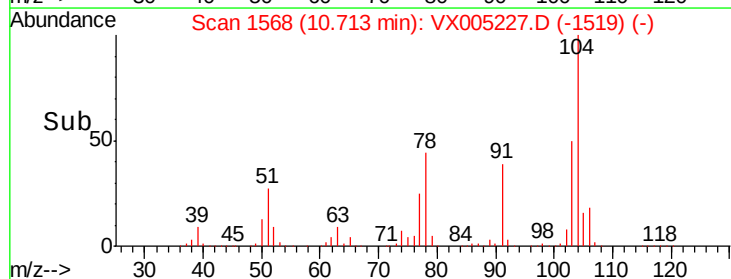
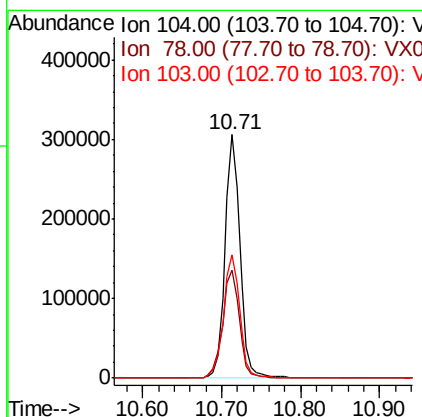
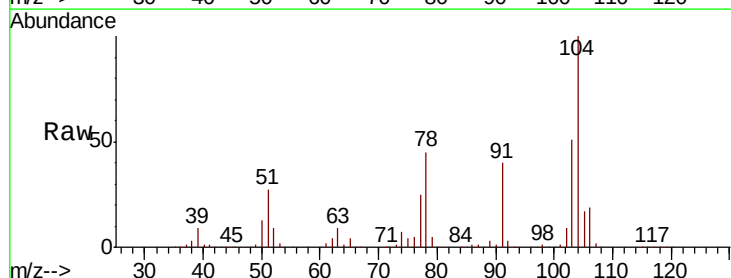
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

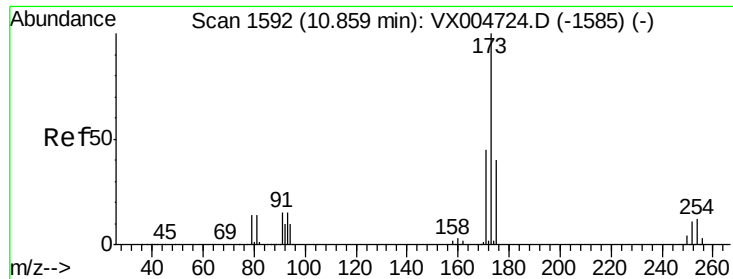
Tot Ion:106 Resp: 236899
Ion Ratio Lower Upper
106 100
91 217.4 108.3 324.8



#70
Styrene
Concen: 47.572 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion:104 Resp: 404824
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.3 44.3 66.5

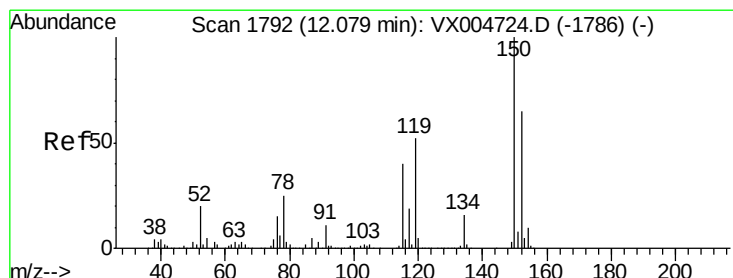
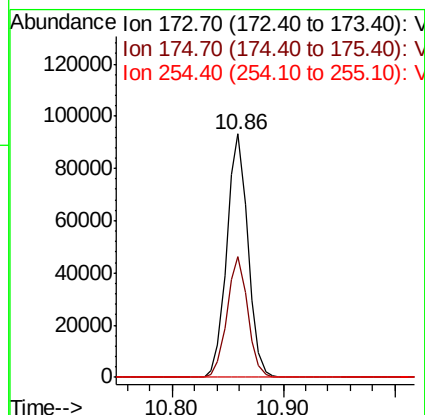
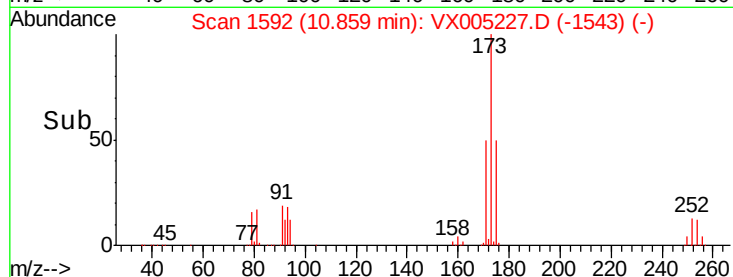
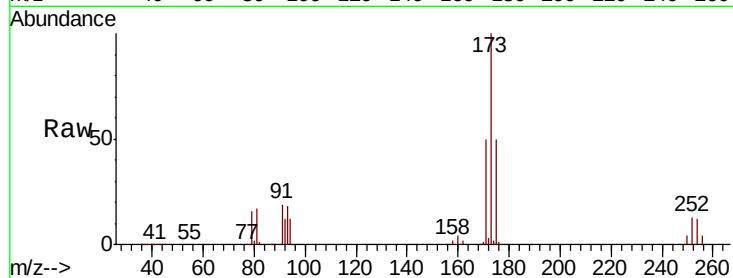




#71
Bromoform
Concen: 50.735 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

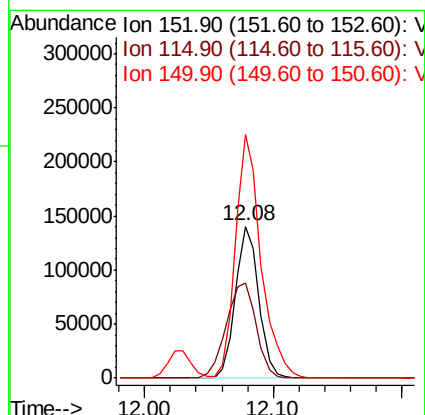
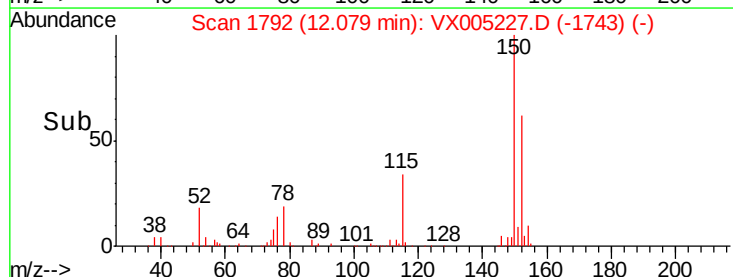
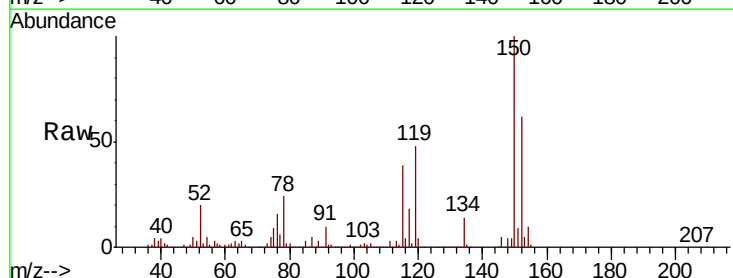
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

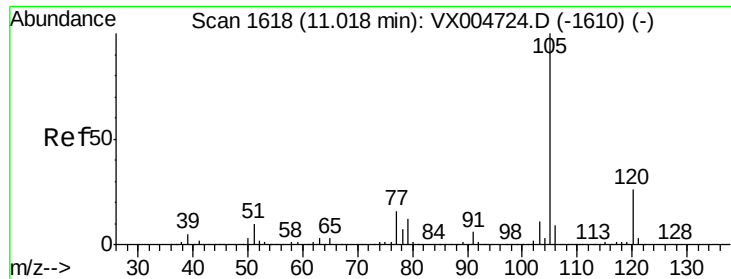
Tot Ion:173 Resp: 122206
Ion Ratio Lower Upper
173 100
175 48.6 23.3 69.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion:152 Resp: 177191
Ion Ratio Lower Upper
152 100
115 80.5 40.2 120.6
150 175.9 0.0 351.0





#73

Isopropylbenzene

Concen: 57.663 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

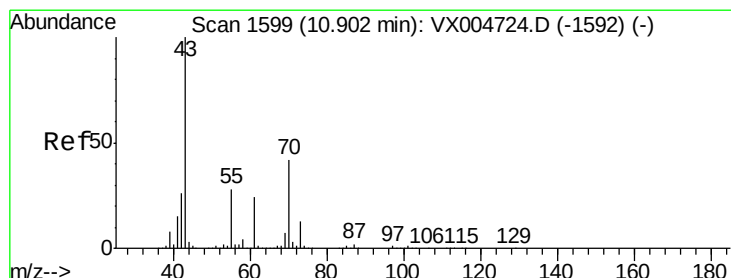
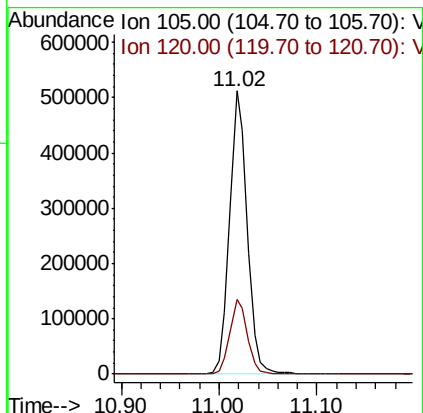
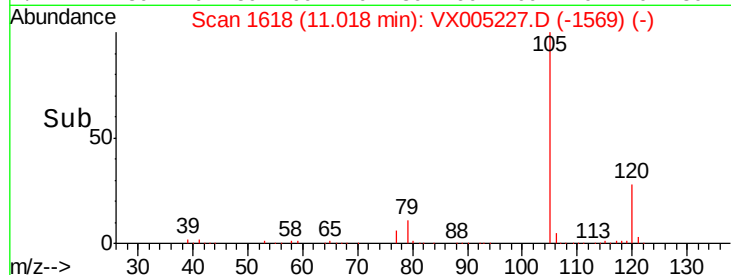
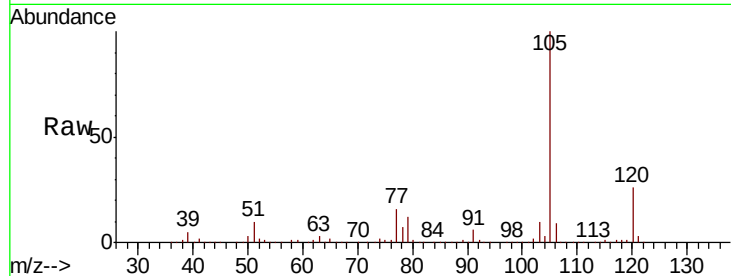
VSTDCCC050EC

Tot Ion:105 Resp: 644017

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 50.573 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion: 43 Resp: 310584

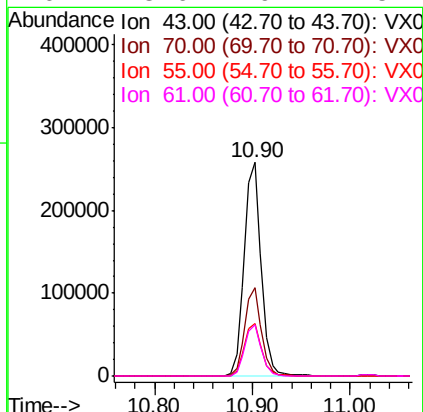
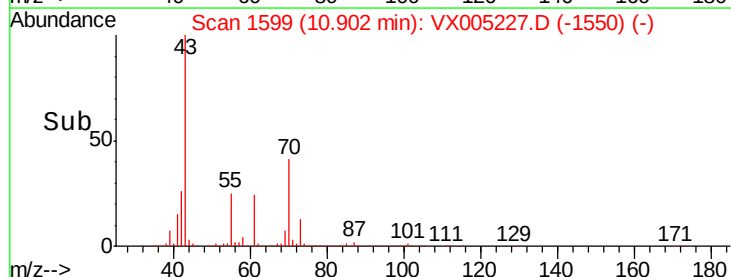
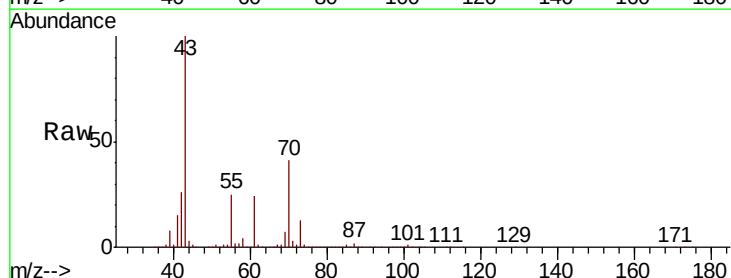
Ion Ratio Lower Upper

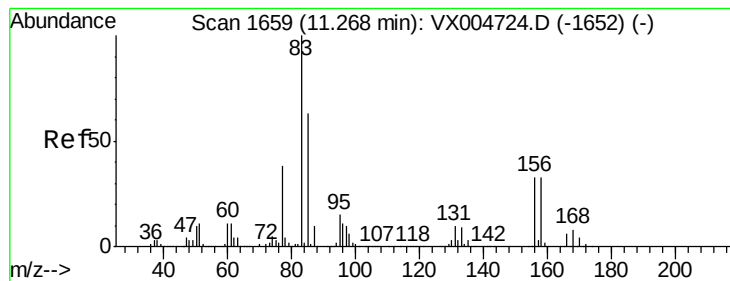
43 100

70 40.6 32.6 48.8

55 25.3 21.6 32.4

61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.201 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

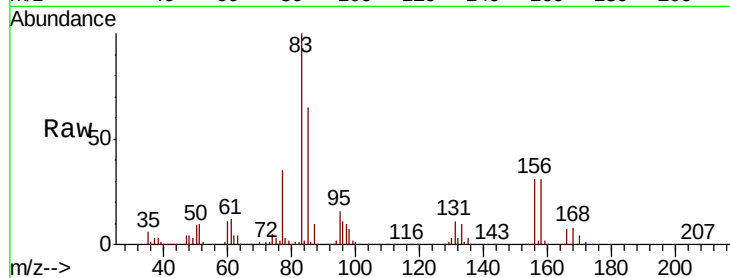
Tot Ion: 83 Resp: 228231

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

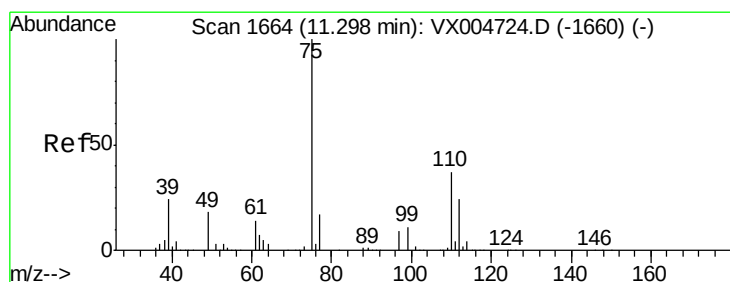
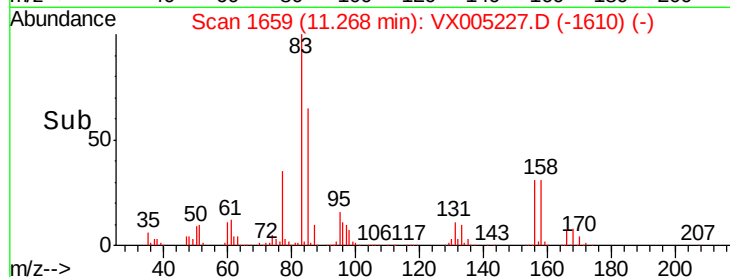
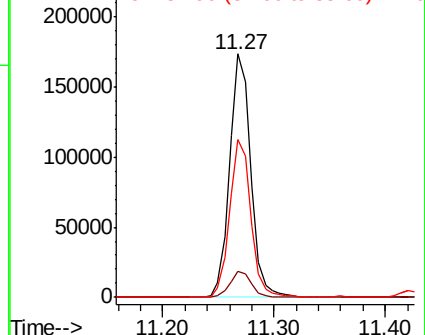
85 64.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.081 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005227.D

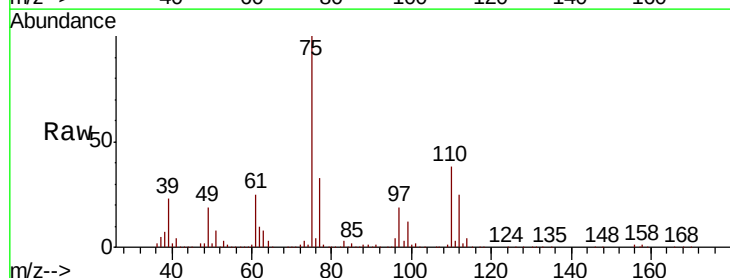
Acq: 11 Oct 2018 00:29

Tgt Ion: 75 Resp: 258467

Ion Ratio Lower Upper

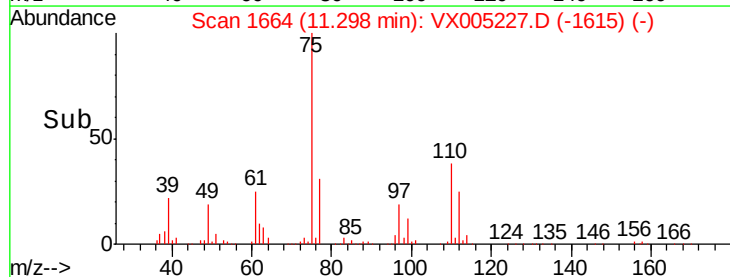
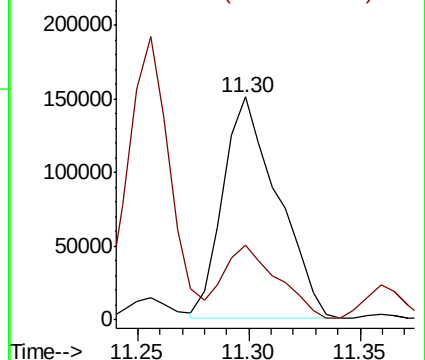
75 100

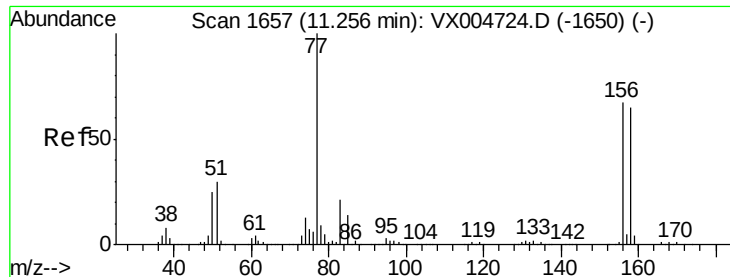
77 33.4 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.174 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

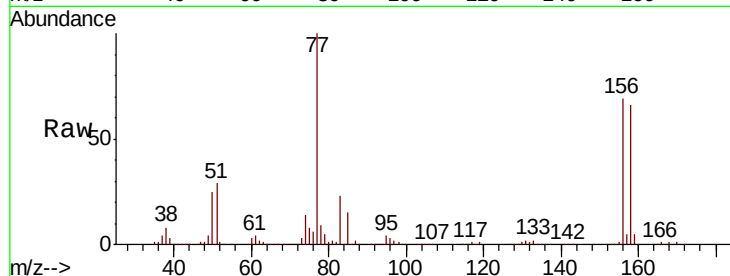
Tot Ion:156 Resp: 172497

Ion Ratio Lower Upper

156 100

77 145.4 73.4 220.2

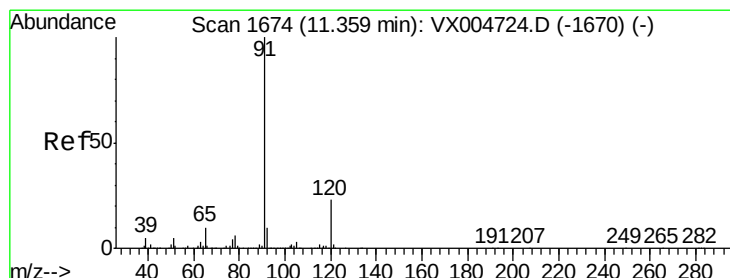
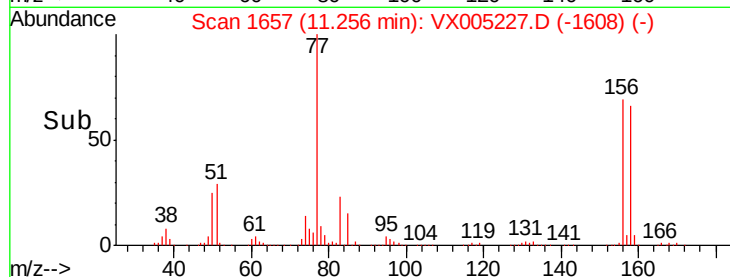
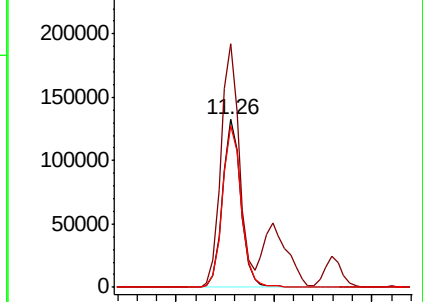
158 98.4 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.780 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005227.D

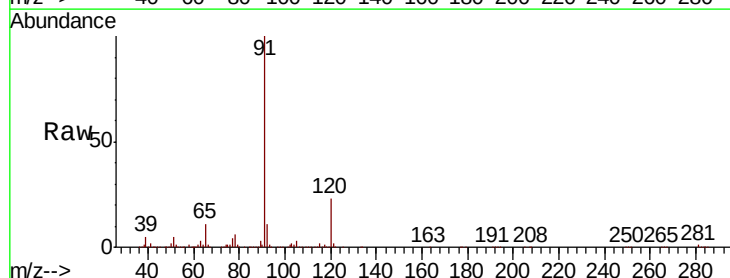
Acq: 11 Oct 2018 00:29

Tgt Ion: 91 Resp: 740433

Ion Ratio Lower Upper

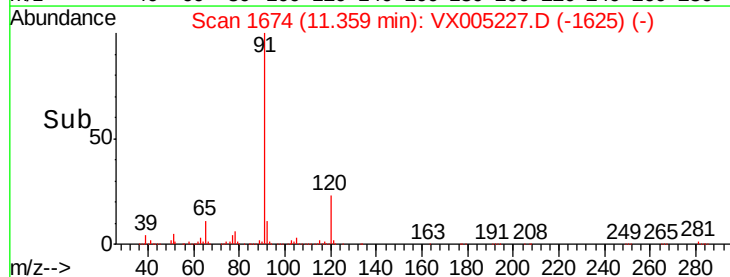
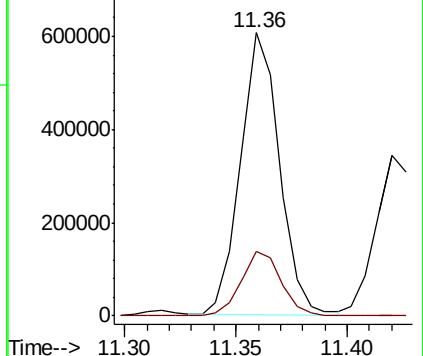
91 100

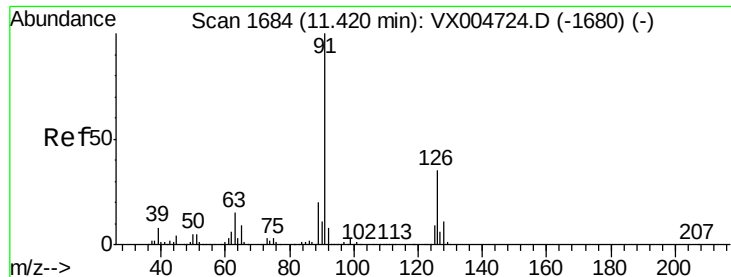
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.207 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

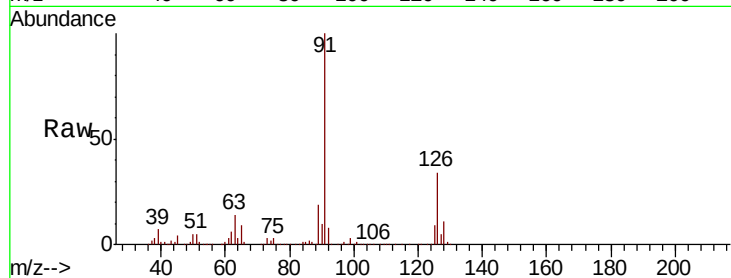
VSTDCCC050EC

Tot Ion: 91 Resp: 440970

Ion Ratio Lower Upper

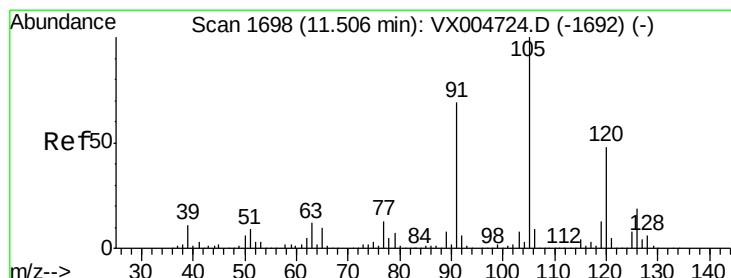
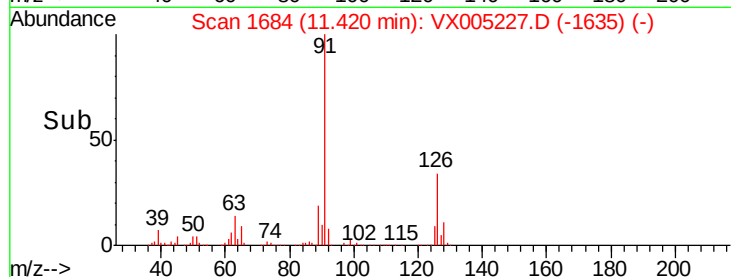
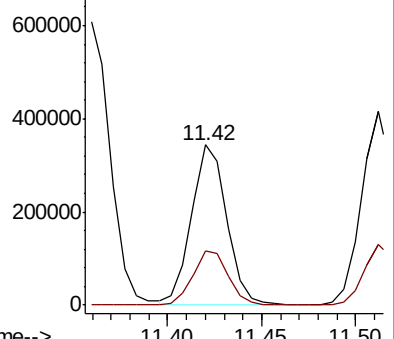
91 100

126 34.8 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.727 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005227.D

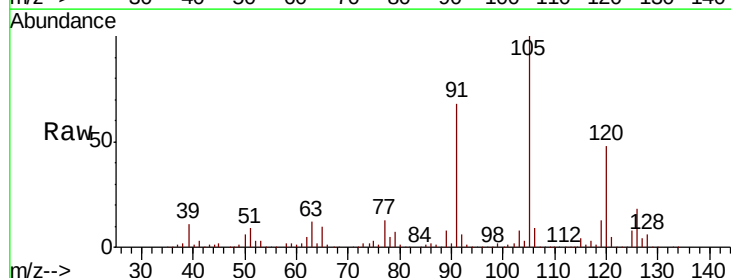
Acq: 11 Oct 2018 00:29

Tgt Ion:105 Resp: 549817

Ion Ratio Lower Upper

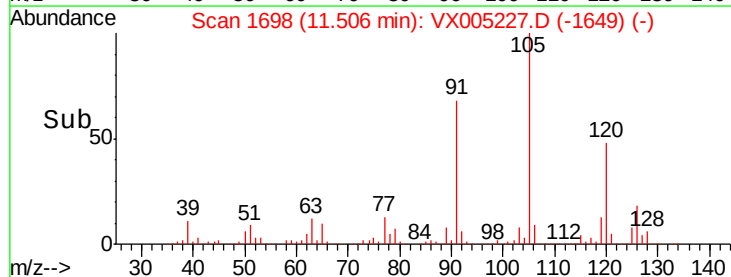
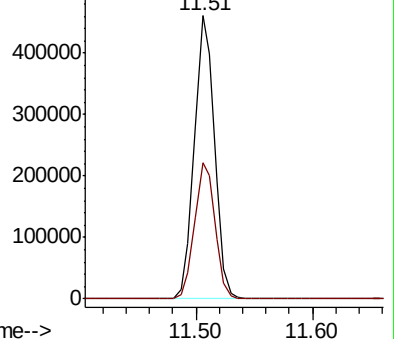
105 100

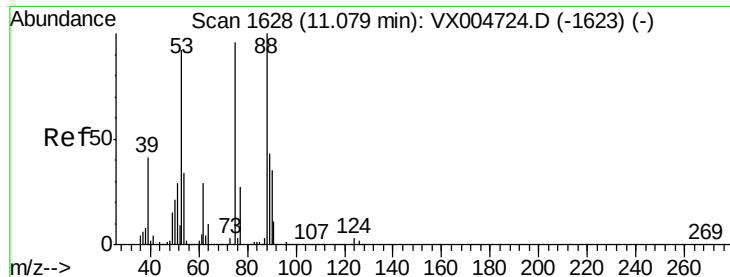
120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 42.116 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

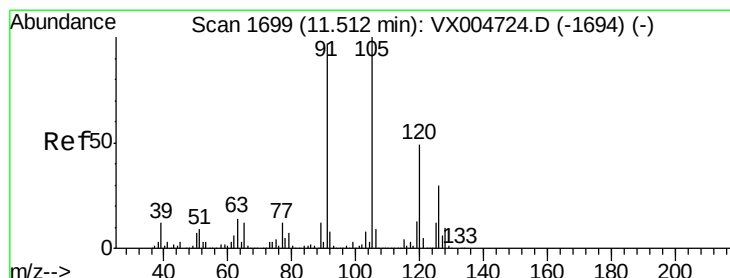
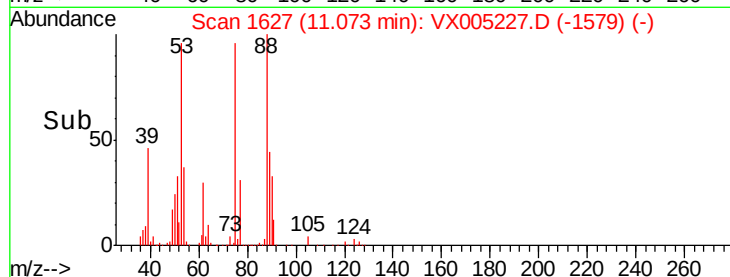
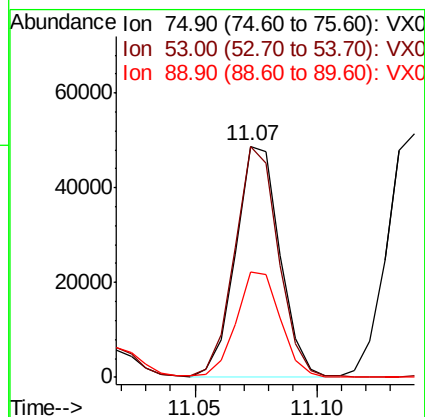
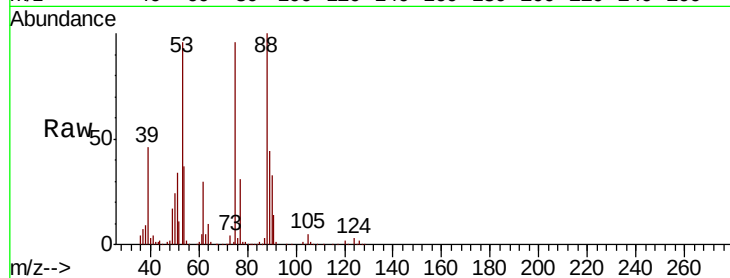
Tot Ion: 75 Resp: 60852

Ion Ratio Lower Upper

75 100

53 98.4 80.2 120.4

89 46.3 37.1 55.7



#82

4-Chlorotoluene

Concen: 55.500 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005227.D

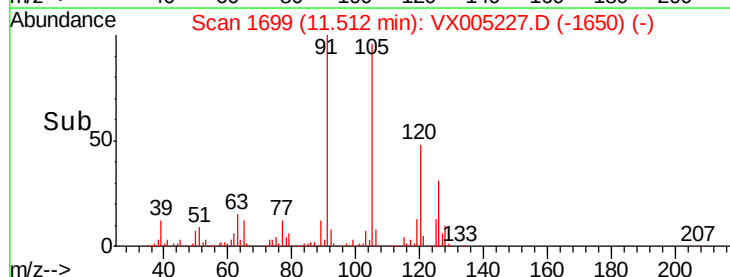
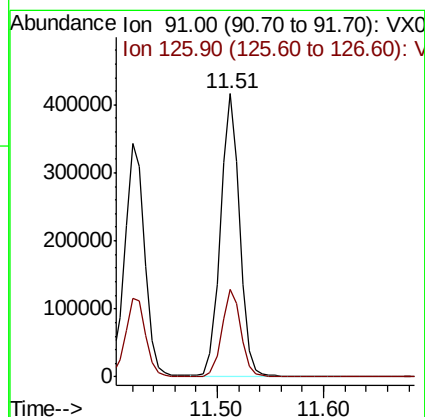
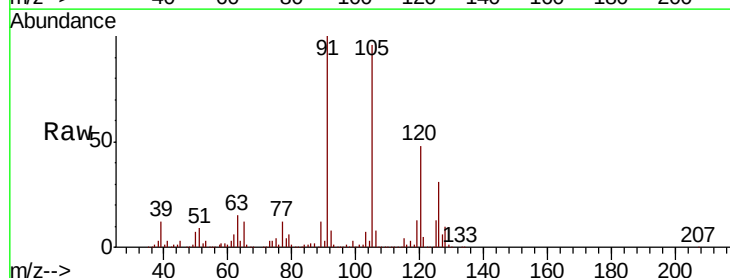
Acq: 11 Oct 2018 00:29

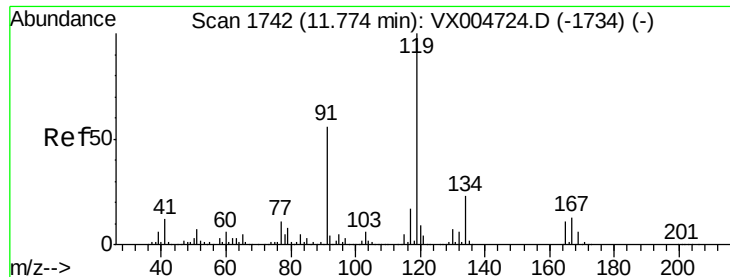
Tgt Ion: 91 Resp: 521796

Ion Ratio Lower Upper

91 100

126 30.6 15.5 46.5

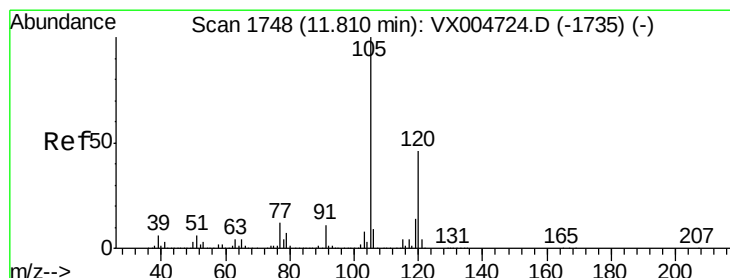
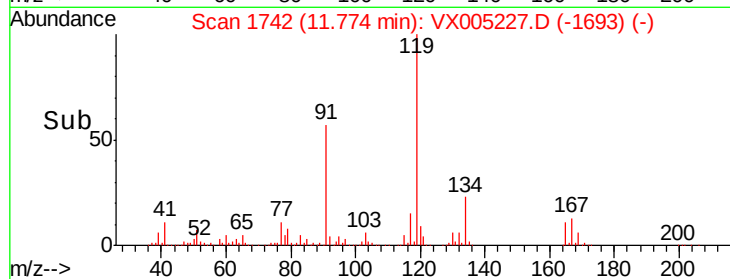
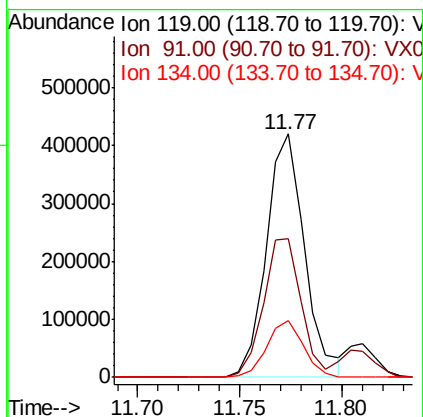
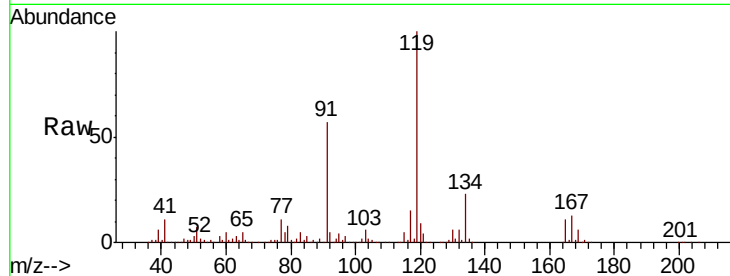




#83
 tert-Butylbenzene
 Concen: 59.805 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

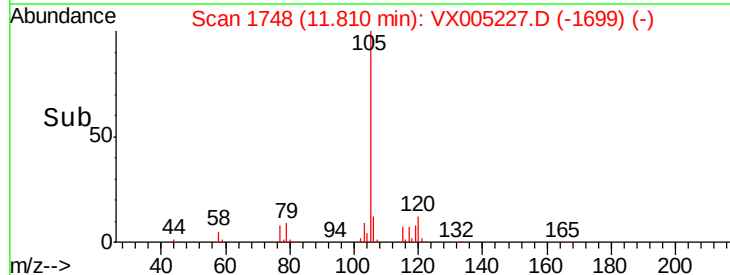
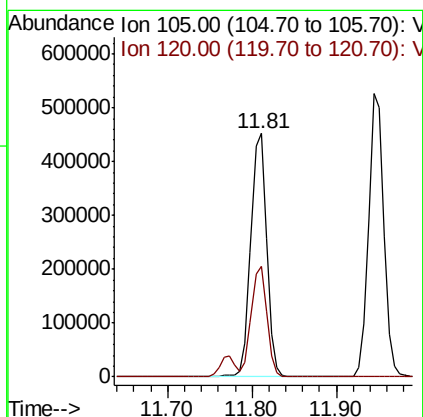
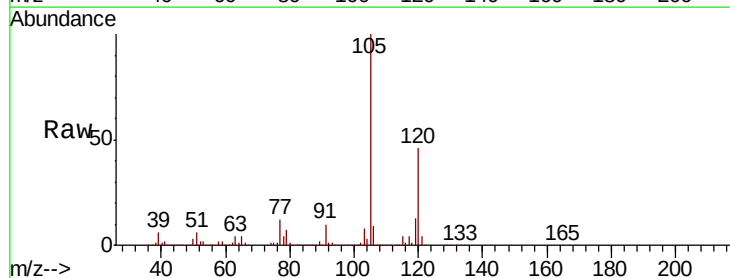
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

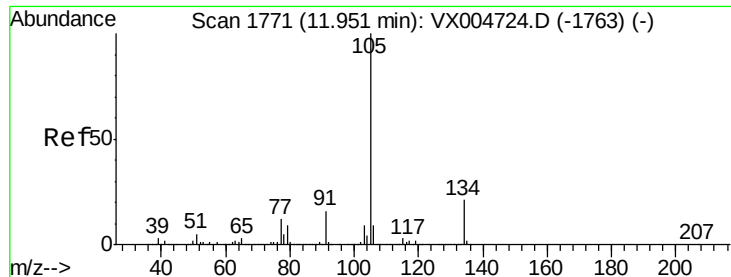
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	27.5	82.5
134	22.5	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.017 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.8	68.3





#85

sec-Butylbenzene

Concen: 59.064 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

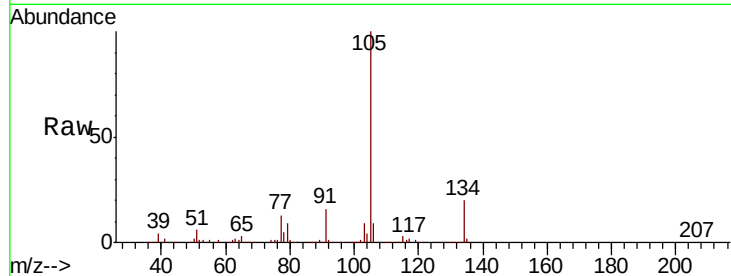
VSTDCCC050EC

Tot Ion:105 Resp: 661539

Ion Ratio Lower Upper

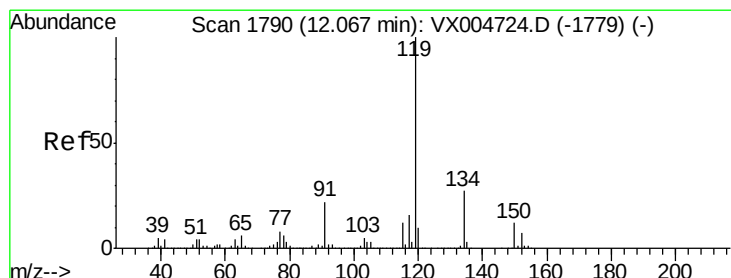
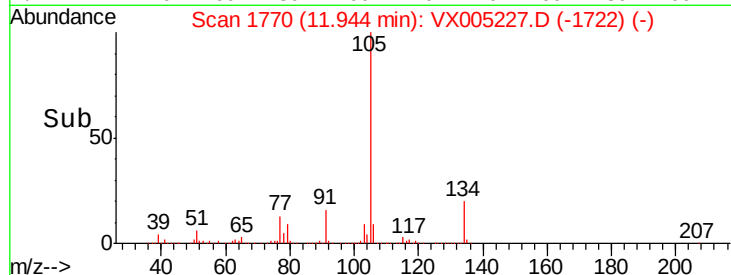
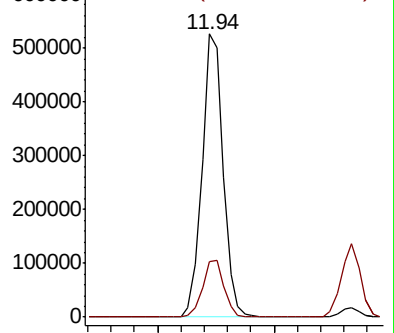
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.616 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

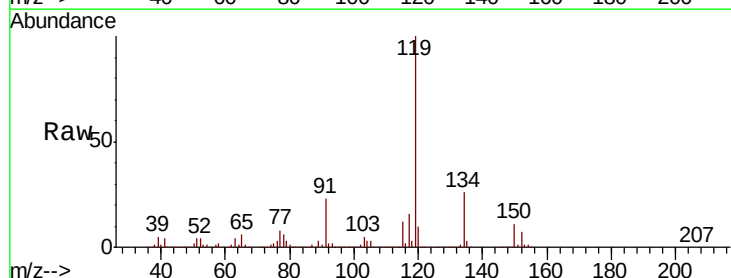
Tgt Ion:119 Resp: 594808

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

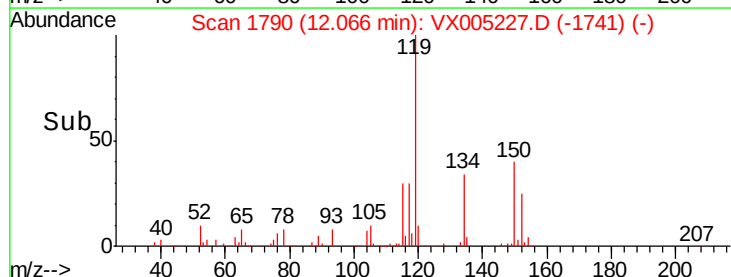
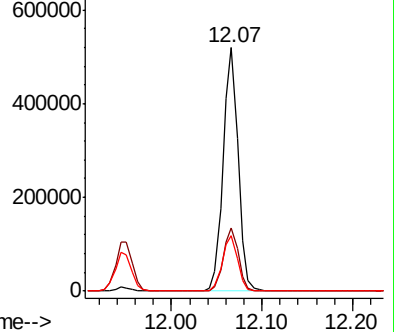
91 22.9 11.5 34.4

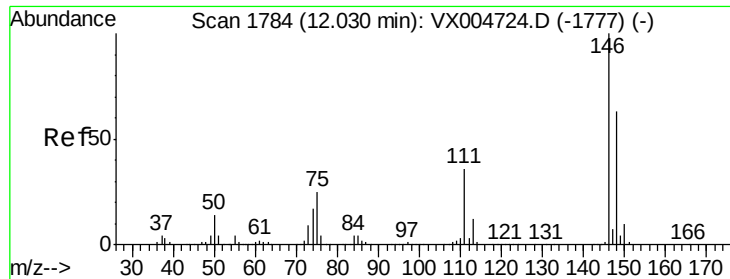


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

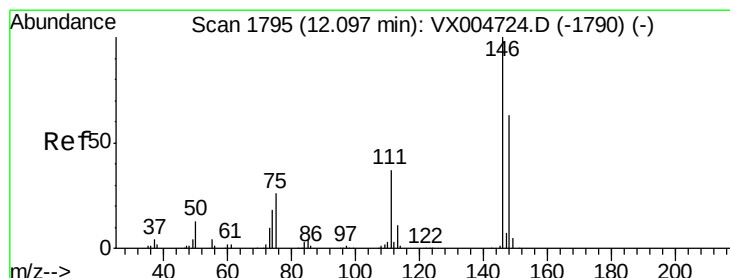
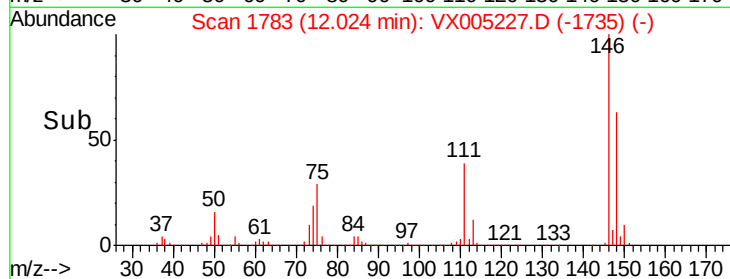
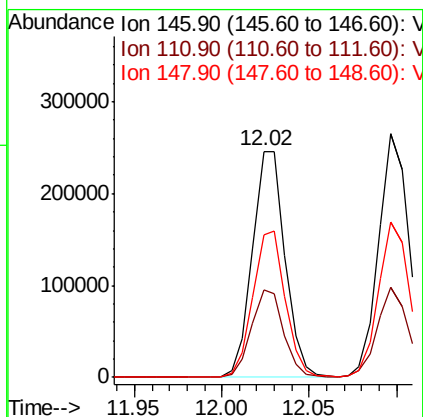
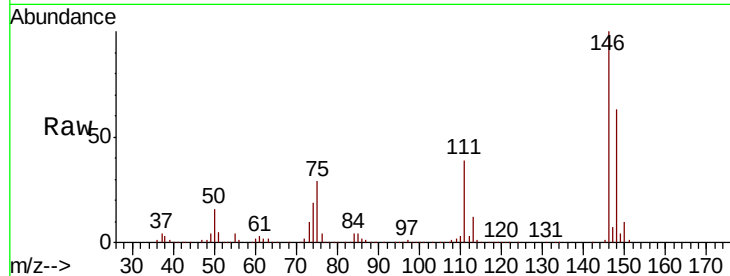




#87
 1,3-Dichlorobenzene
 Concen: 52.950 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

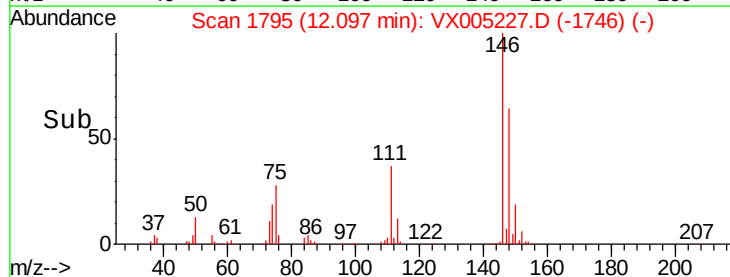
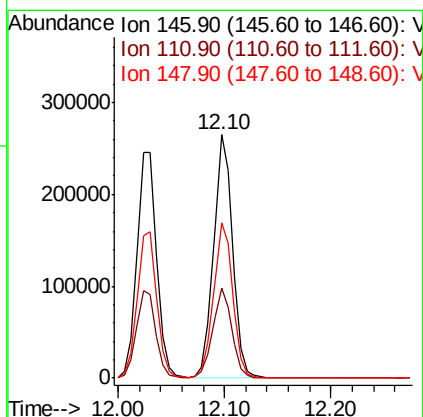
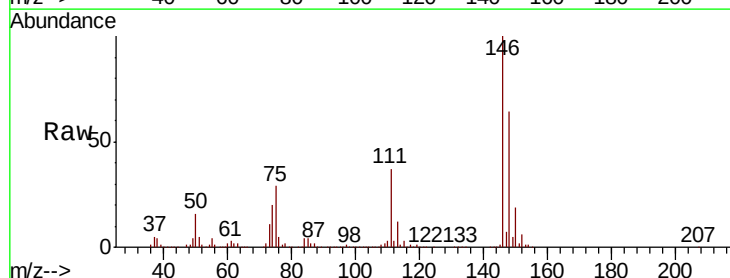
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

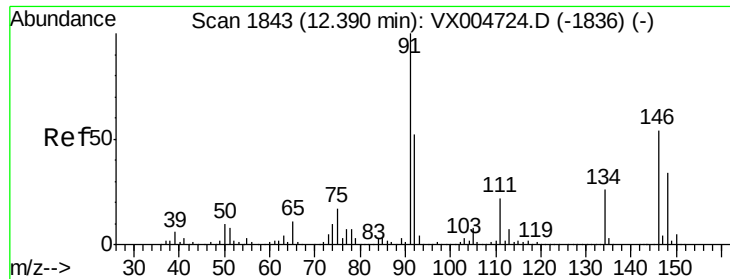
Tot Ion:146 Resp: 320746
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.821 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion:146 Resp: 324042
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.2
 148 64.6 32.0 96.0





#89

n-Butylbenzene

Concen: 56.465 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

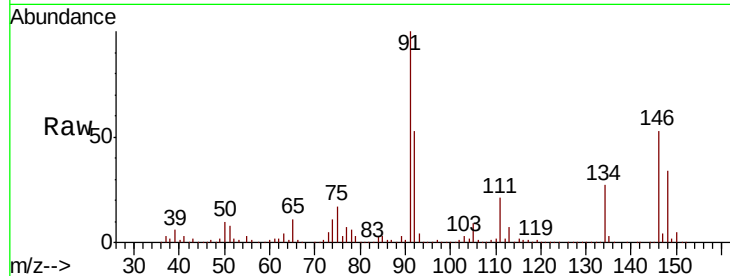
Tot Ion: 91 Resp: 520380

Ion Ratio Lower Upper

91 100

92 52.5 26.0 78.0

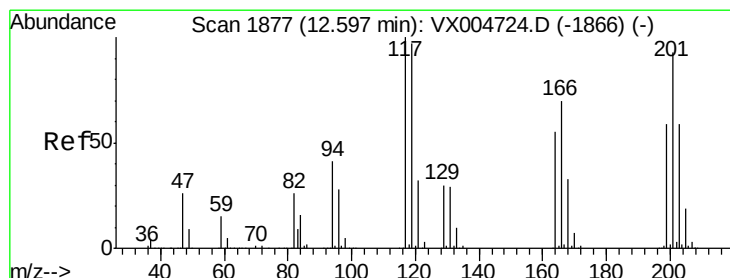
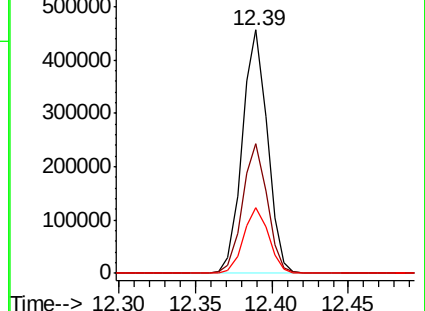
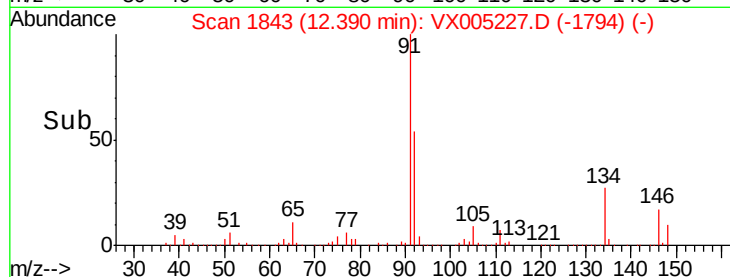
134 26.6 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004724.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004724.D (-1836) (-)



#90

Hexachloroethane

Concen: 56.891 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005227.D

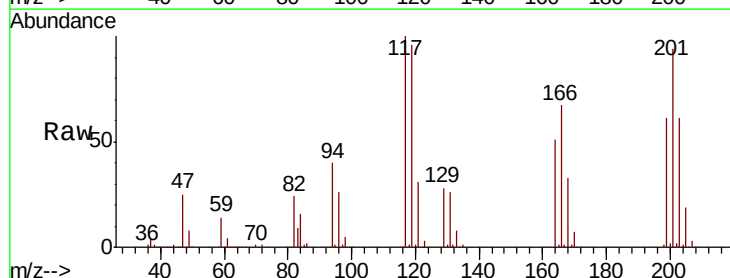
Acq: 11 Oct 2018 00:29

Tgt Ion: 117 Resp: 96121

Ion Ratio Lower Upper

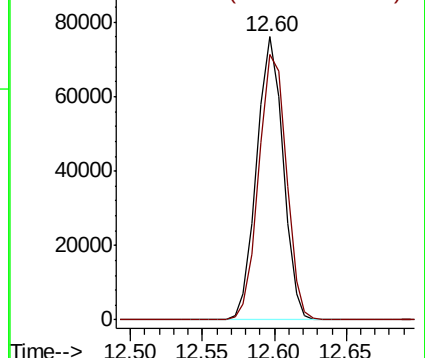
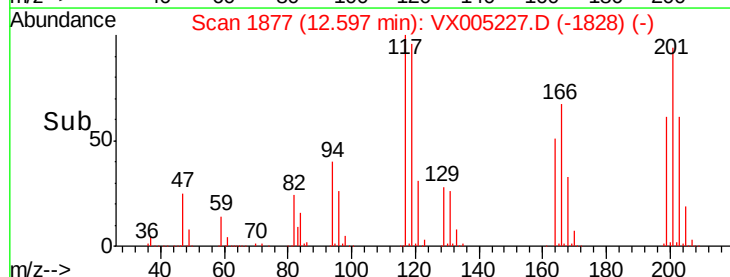
117 100

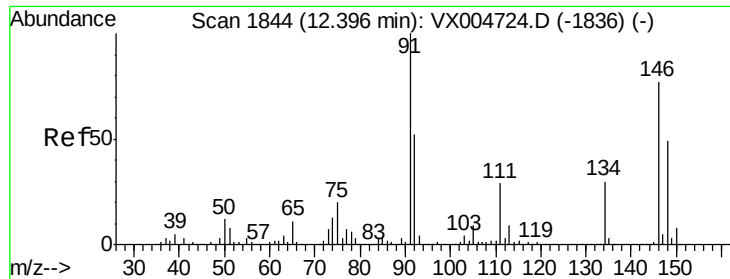
201 98.0 48.4 145.0



Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-1866) (-)

Ion 200.70 (200.40 to 201.40): VX004724.D (-1866) (-)

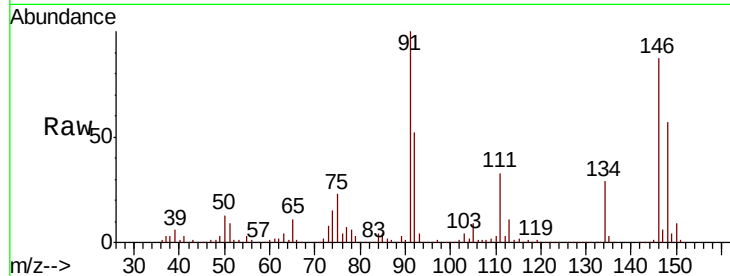




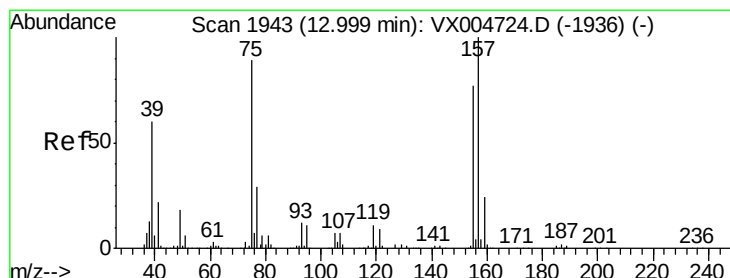
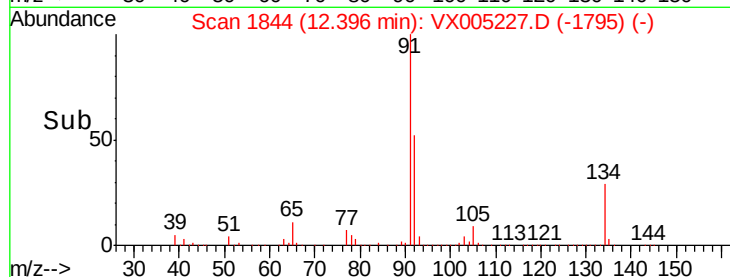
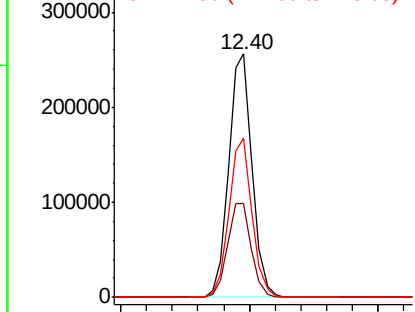
#91
 1,2-Dichlorobenzene
 Concen: 51.314 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 324838
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 64.4 31.8 95.4

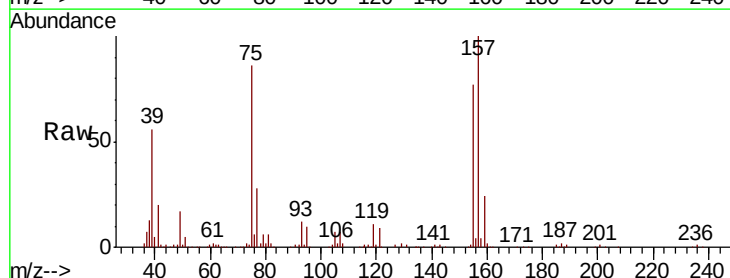


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

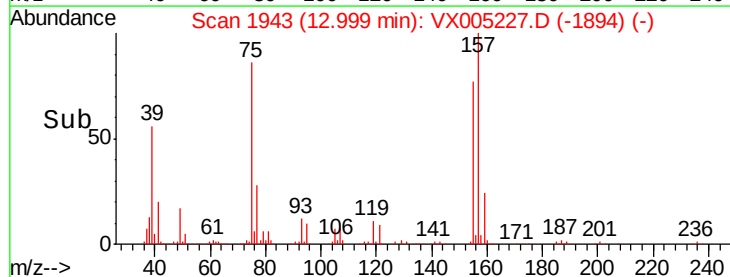
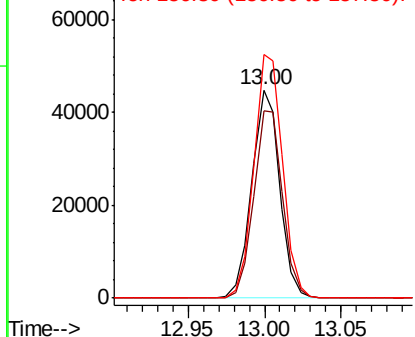


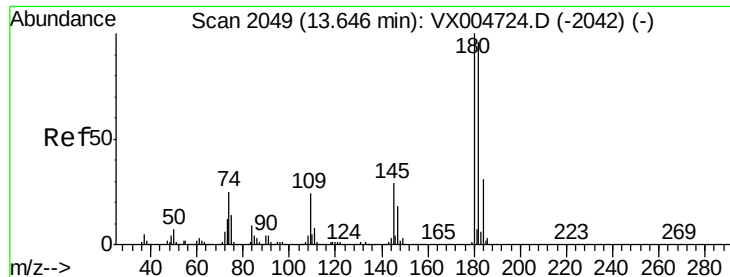
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.851 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion: 75 Resp: 56751
 Ion Ratio Lower Upper
 75 100
 155 92.7 46.1 138.3
 157 120.5 60.2 180.6



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

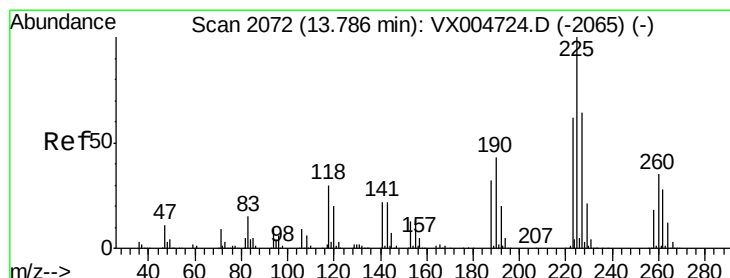
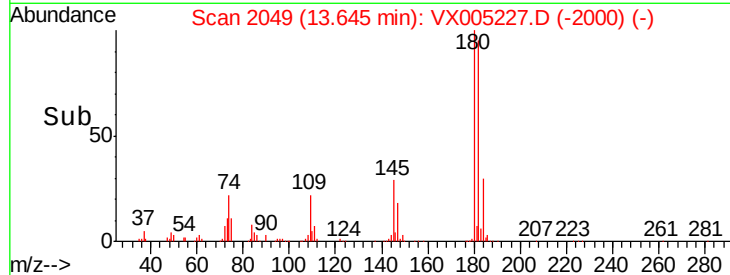
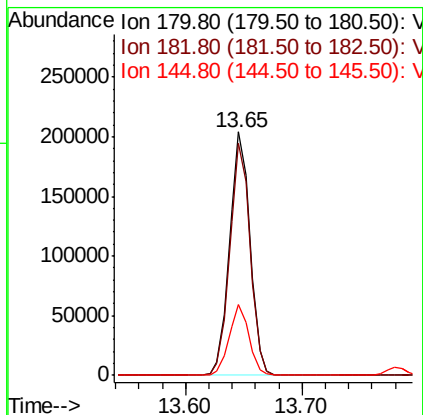
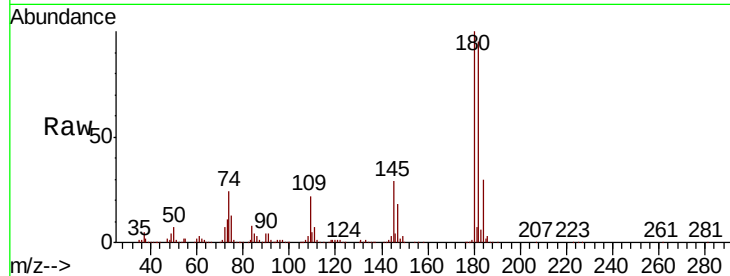




#93
 1,2,4-Trichlorobenzene
 Concen: 55.953 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

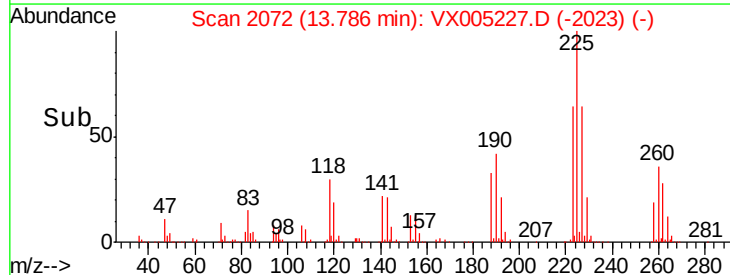
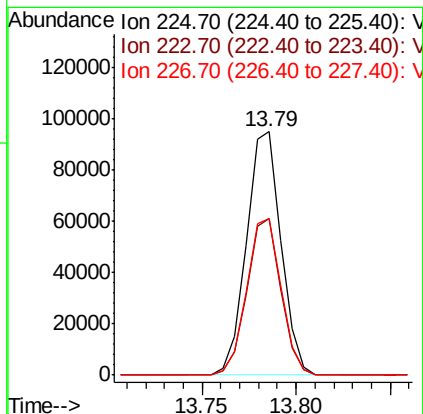
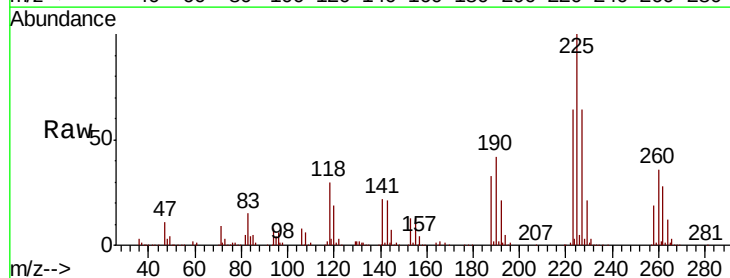
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

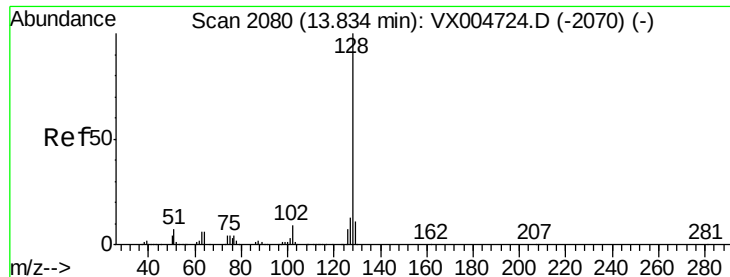
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.4
145	28.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 52.463 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	64.3	31.9	95.5





#95

Naphthalene

Concen: 53.370 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

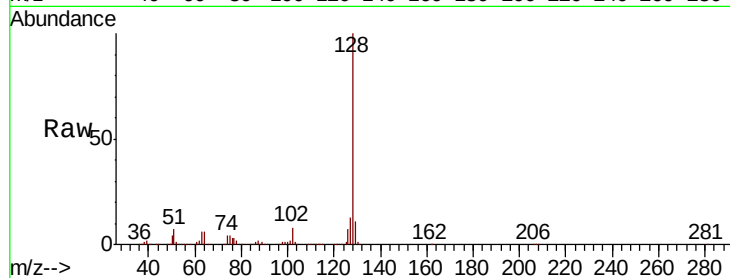
Tot Ion:128 Resp: 787327

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

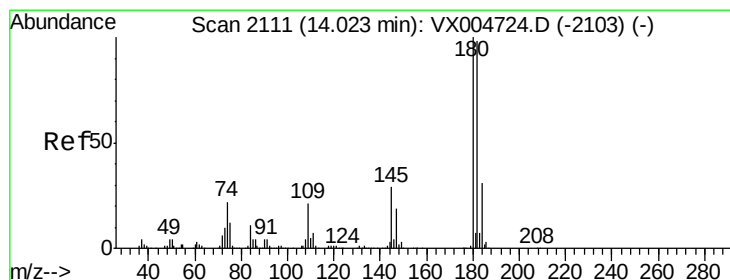
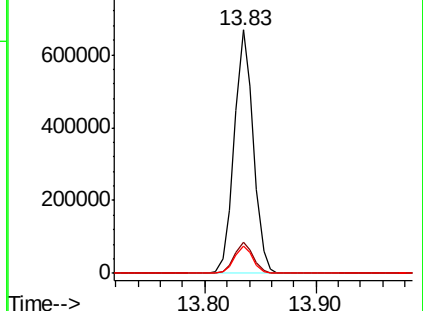
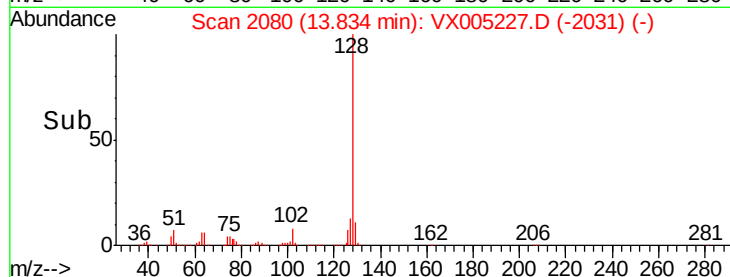
129 11.0 8.7 13.1



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: 56.524 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

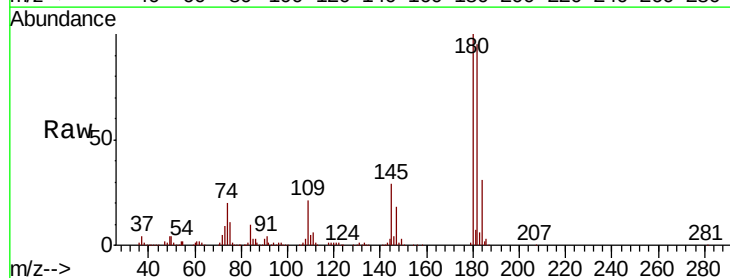
Tgt Ion:180 Resp: 259288

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 29.3 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

