

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006059.D
 Acq On : 16 Nov 2018 19:21
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 17 00:46:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	171255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	156295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	69846	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	5.50	113	57022	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	8.72	98	204616	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	11.14	95	70530	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50609	48.593	ug/l	97
3) Chloromethane	1.32	50	59286	43.375	ug/l	91
4) Vinyl Chloride	1.40	62	63074	45.967	ug/l	97
5) Bromomethane	1.64	94	31539	37.559	ug/l	94
6) Chloroethane	1.71	64	45099	55.084	ug/l	99
7) Trichlorofluoromethane	1.92	101	89047	48.890	ug/l	91
8) Diethyl Ether	2.19	74	39040	54.702	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52320	49.946	ug/l	99
10) Methyl Iodide	2.51	142	51174	40.308	ug/l	97
11) Tert butyl alcohol	3.07	59	103007	270.771	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50005	48.976	ug/l	98
13) Acrolein	2.29	56	53238	290.167	ug/l	99
14) Allyl chloride	2.73	41	112053	49.138	ug/l	98
15) Acrylonitrile	3.15	53	214613	272.221	ug/l	98
16) Acetone	2.45	43	194985	272.699	ug/l	96
17) Carbon Disulfide	2.57	76	123780	40.644	ug/l	99
18) Methyl Acetate	2.78	43	113788	59.670	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	193737	55.595	ug/l	96
20) Methylene Chloride	2.85	84	59209	50.411	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	52842	49.068	ug/l	92
22) Diisopropyl ether	3.87	45	213043	53.332	ug/l	# 88
23) Vinyl Acetate	3.82	43	914002	266.856	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111637	52.382	ug/l	98
25) 2-Butanone	4.70	43	303009	269.551	ug/l	99
26) 2,2-Dichloropropane	4.57	77	78998	50.531	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	64719	54.426	ug/l	97
28) Bromochloromethane	5.01	49	54238	56.944	ug/l	96
29) Tetrahydrofuran	5.15	42	196910	272.814	ug/l	98
30) Chloroform	5.22	83	110368	53.677	ug/l	99
31) Cyclohexane	5.57	56	89495	48.376	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	90884	52.993	ug/l	98
36) 1,1-Dichloropropene	5.80	75	77720	47.076	ug/l	99
37) Ethyl Acetate	4.85	43	109349	50.368	ug/l	99
38) Carbon Tetrachloride	5.78	117	76637	46.369	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79060	47.249	ug/l	87
40) Benzene	6.14	78	244131	50.725	ug/l	98
41) Methacrylonitrile	5.06	41	61749	52.637	ug/l	98
42) 1,2-Dichloroethane	6.20	62	85041	49.332	ug/l	98
43) Isopropyl Acetate	6.46	43	162968	51.804	ug/l	97
44) Trichloroethene	7.21	130	58613	47.955	ug/l	91
45) 1,2-Dichloropropane	7.51	63	60899	52.132	ug/l	97
46) Dibromomethane	7.66	93	36277	49.489	ug/l	100
47) Bromodichloromethane	7.90	83	70585	50.952	ug/l	91
48) Methyl methacrylate	7.77	41	74406	52.675	ug/l	98
49) 1,4-Dioxane	7.75	88	32505	1067.902	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	505393	254.911	ug/l	98
52) Toluene	8.79	92	139829	51.984	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	87162	53.316	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	86175	51.716	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	67995	56.719	ug/l	86
56) Ethyl methacrylate	9.18	69	96579	53.843	ug/l	97
57) 1,3-Dichloropropane	9.37	76	108633	53.923	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	244687	250.334	ug/l	100
59) 2-Hexanone	9.50	43	466164	266.746	ug/l	95
60) Dibromochloromethane	9.59	129	66295	51.170	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67751	51.110	ug/l	97
64) Tetrachloroethene	9.34	164	63107	47.424	ug/l	93
65) Chlorobenzene	10.14	112	168920	53.949	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.23	131	62278	57.212	ug/l	99
67) Ethyl Benzene	10.26	91	285205	56.805	ug/l	96
68) m/p-Xylenes	10.36	106	215630	112.594	ug/l	92
69) o-Xylene	10.70	106	95626	55.684	ug/l	95
70) Styrene	10.71	104	170092	60.042	ug/l	98
71) Bromoform	10.86	173	53997	59.174	ug/l	99
73) Isopropylbenzene	11.02	105	255093	58.373	ug/l	100
74) N-amyl acetate	10.90	43	139982	56.911	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	91641	57.132	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	108613	70.585	ug/l	85
77) Bromobenzene	11.26	156	67949	55.165	ug/l	99
78) n-propylbenzene	11.36	91	293230	56.935	ug/l	99
79) 2-Chlorotoluene	11.42	91	174548	56.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	217861	58.665	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	28078	58.157	ug/l	94
82) 4-Chlorotoluene	11.51	91	207086	56.445	ug/l	100
83) tert-Butylbenzene	11.77	119	216556	57.641	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	225215	54.965	ug/l	99
85) sec-Butylbenzene	11.94	105	261879	57.001	ug/l	100
86) p-Isopropyltoluene	12.07	119	234986	57.743	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	126067	53.330	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	127530	52.700	ug/l	100
89) n-Butylbenzene	12.39	91	204727	54.281	ug/l	99
90) Hexachloroethane	12.60	117	39325	57.880	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	128608	54.309	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23101	59.019	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95943	57.551	ug/l	100
94) Hexachlorobutadiene	13.79	225	45388	51.830	ug/l	99
95) Naphthalene	13.83	128	302413	55.492	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	98366	57.917	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

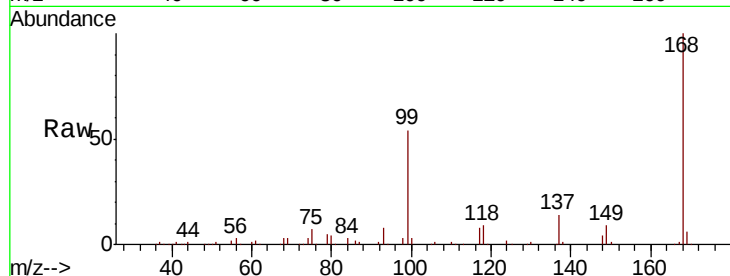
VSTDCCC050EC

Tot Ion:168 Resp: 115514

Ion Ratio Lower Upper

168 100

99 53.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

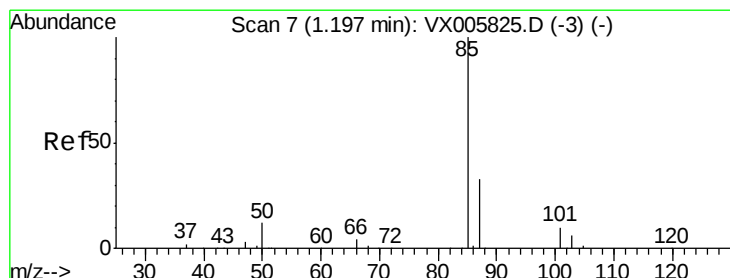
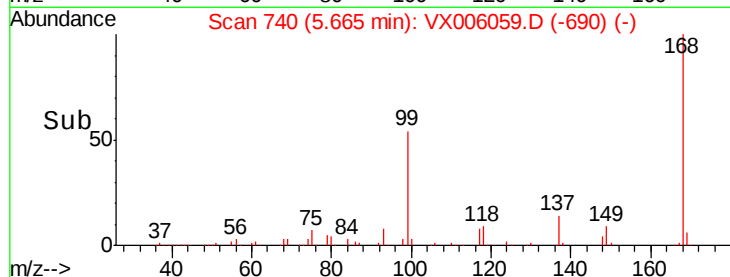
20000

10000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.593 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006059.D

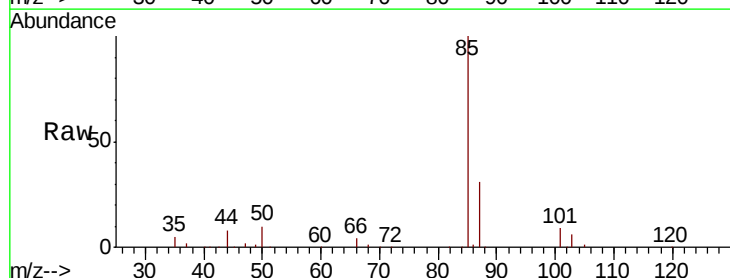
Acq: 16 Nov 2018 19:21

Tgt Ion: 85 Resp: 50609

Ion Ratio Lower Upper

85 100

87 30.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

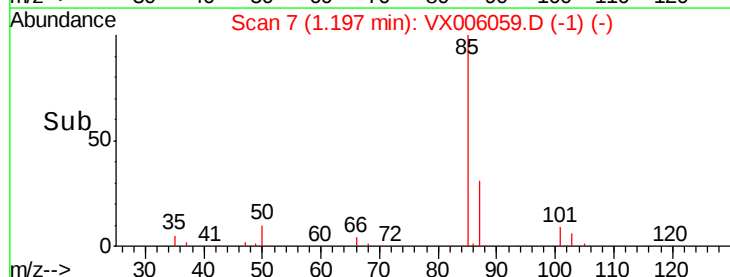
20000

10000

0

1.15 1.20 1.25 1.30

Time-->

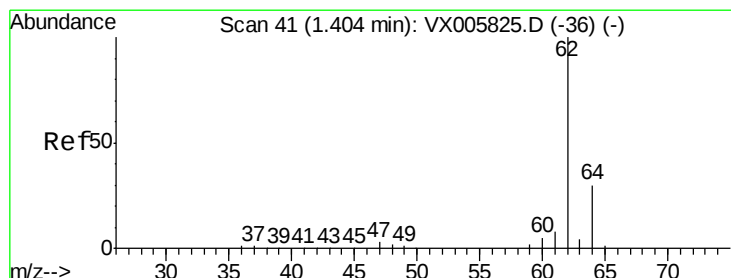
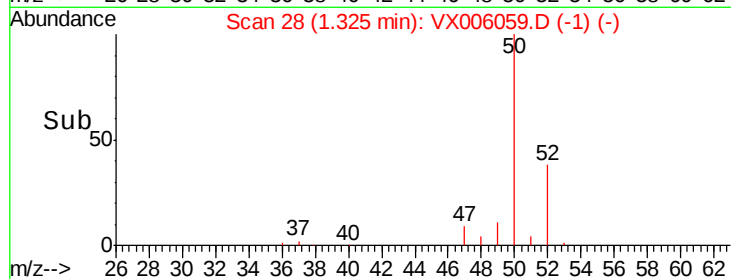
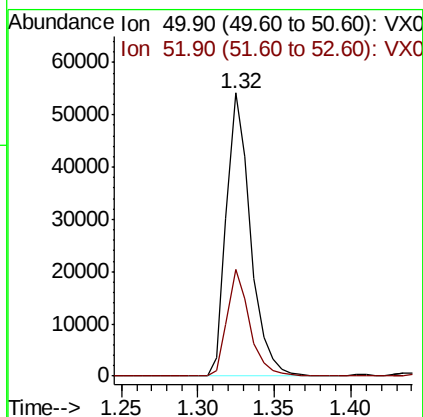
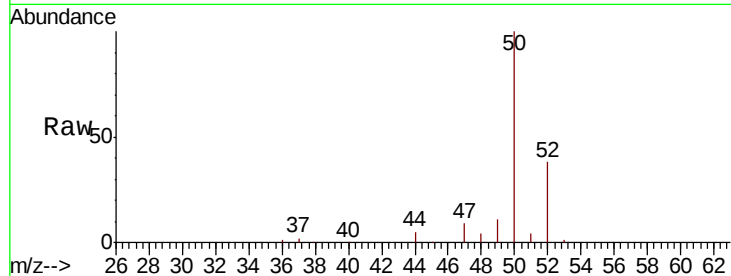




#3
Chloromethane
Concen: 43.375 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

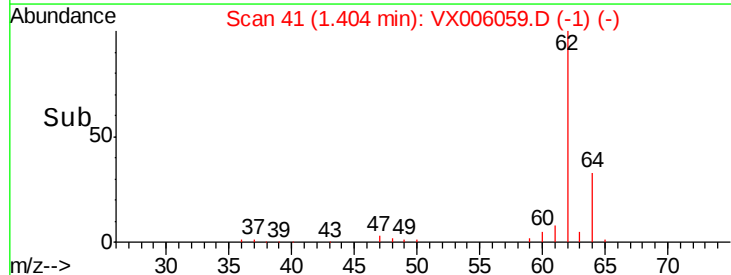
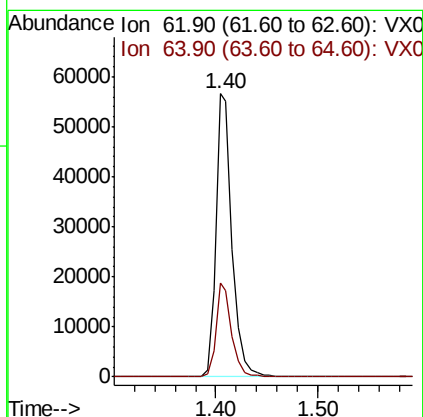
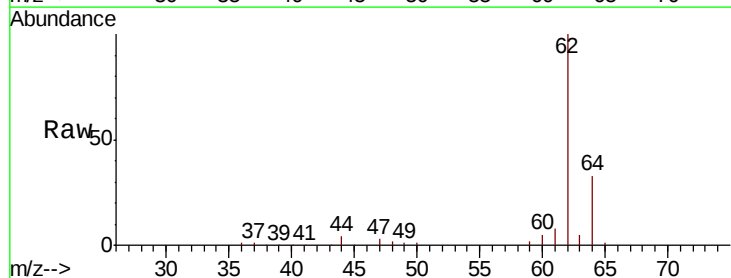
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

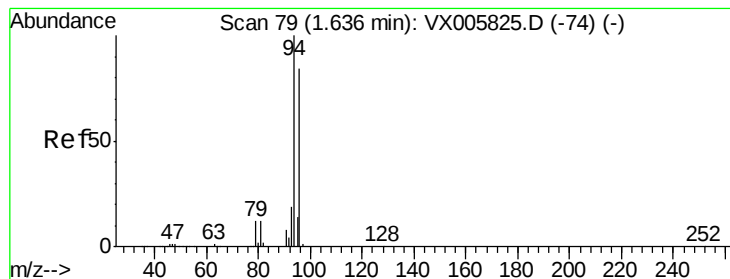
Tot Ion: 50 Resp: 59286
Ion Ratio Lower Upper
50 100
52 37.8 26.2 39.2



#4
Vinyl Chloride
Concen: 45.967 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 62 Resp: 63074
Ion Ratio Lower Upper
62 100
64 33.3 25.3 37.9





#5

Bromomethane

Concen: 37.559 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

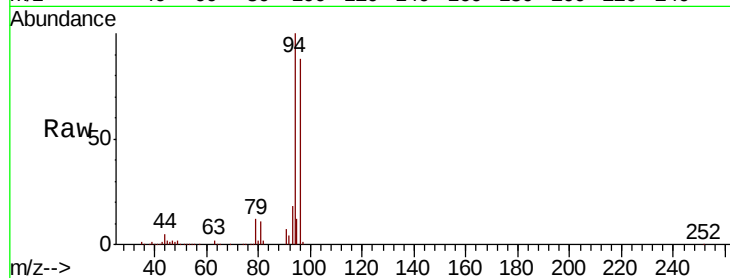
VSTDCCC050EC

Tot Ion: 94 Resp: 31539

Ion Ratio Lower Upper

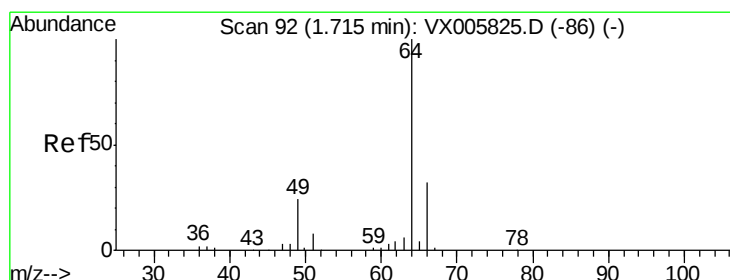
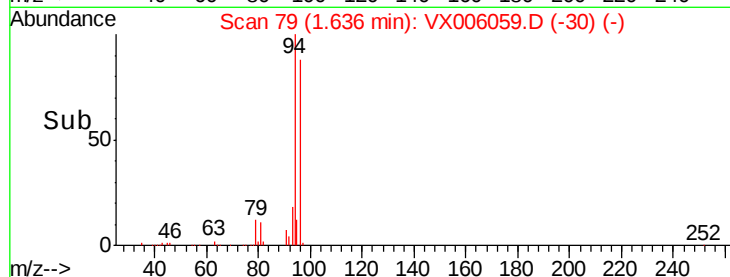
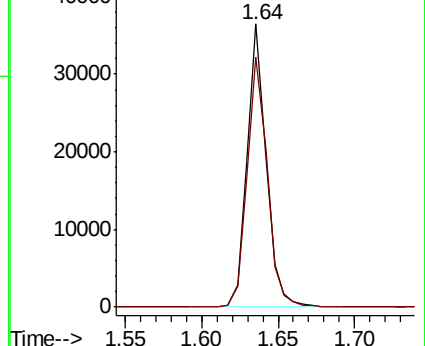
94 100

96 88.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.084 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006059.D

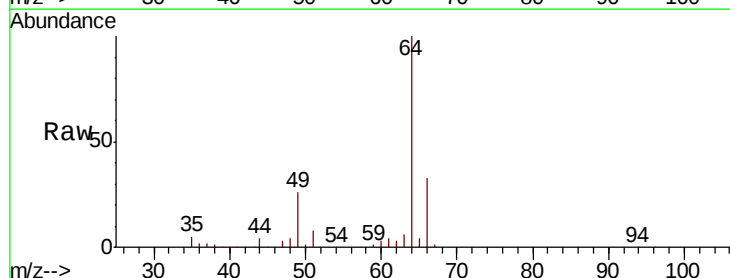
Acq: 16 Nov 2018 19:21

Tgt Ion: 64 Resp: 45099

Ion Ratio Lower Upper

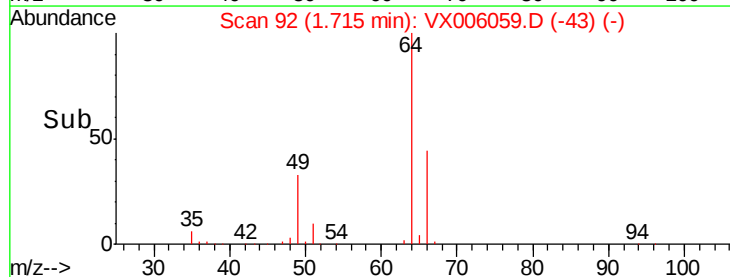
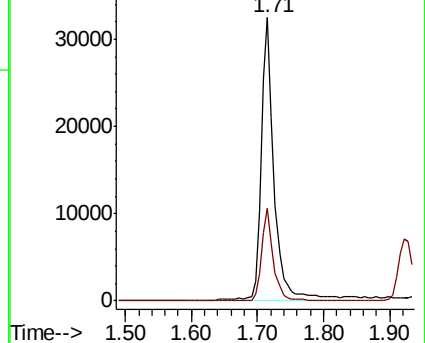
64 100

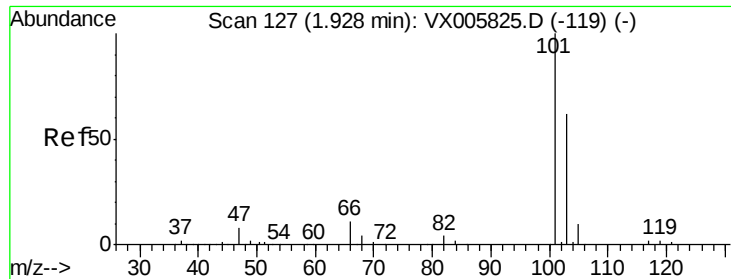
66 32.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



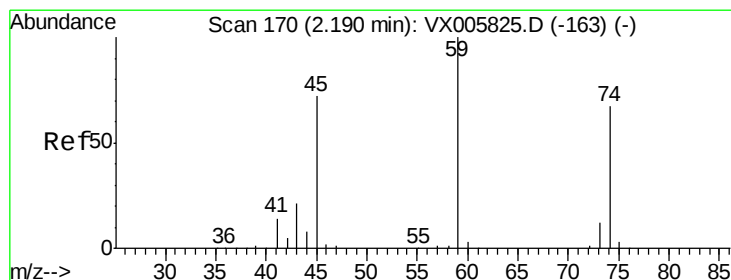
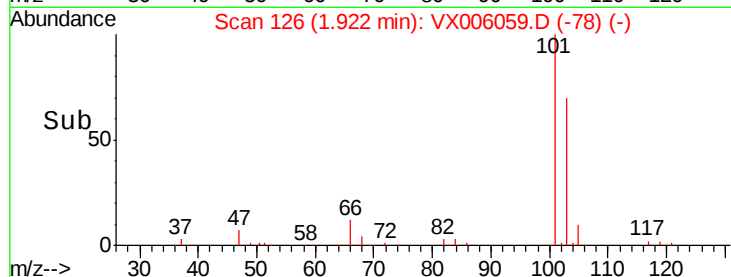
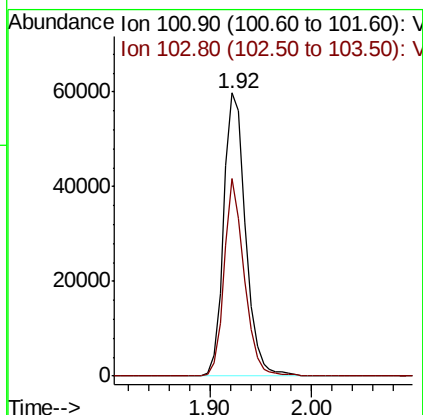
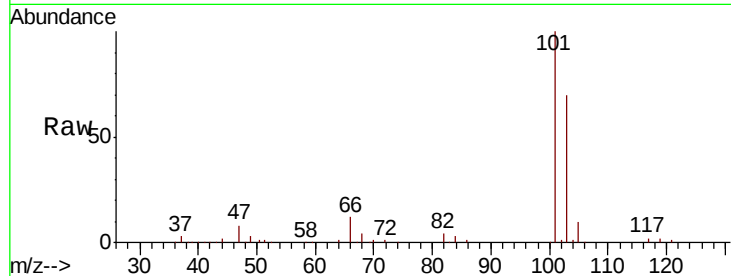


#7

Trichlorofluoromethane
 Concen: 48.890 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX006059.D
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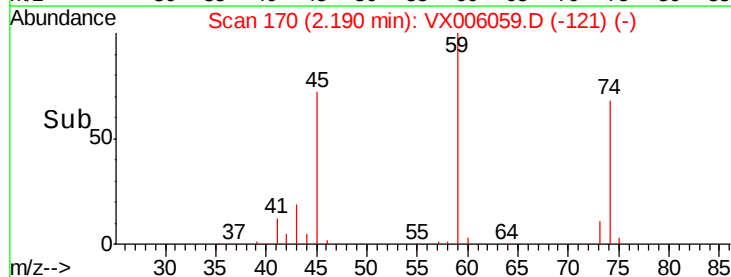
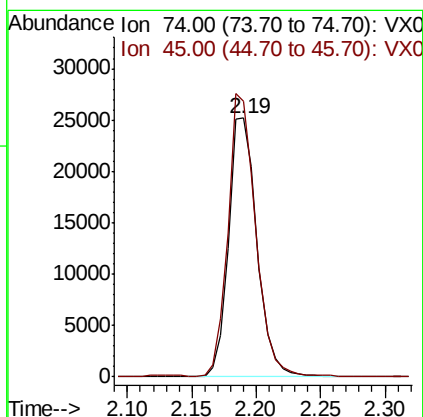
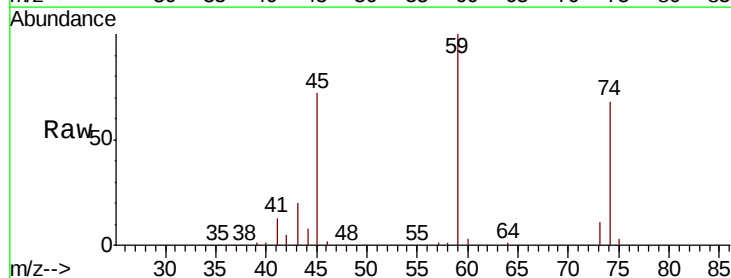
Tot Ion:101 Resp: 89047
 Ion Ratio Lower Upper
 101 100
 103 69.6 50.0 75.0

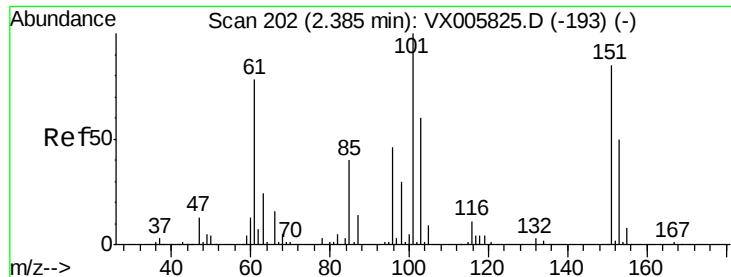


#8

Diethyl Ether
 Concen: 54.702 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion: 74 Resp: 39040
 Ion Ratio Lower Upper
 74 100
 45 107.3 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.946 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

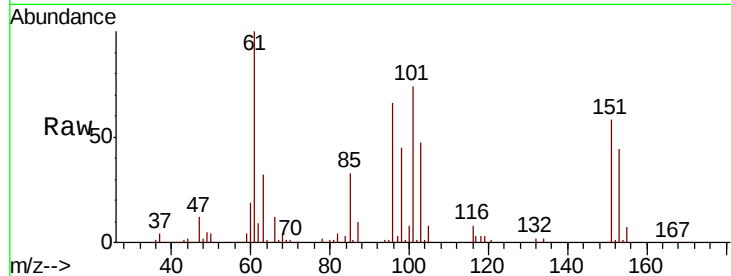
Tot Ion:101 Resp: 52320

Ion Ratio Lower Upper

101 100

85 44.4 35.0 52.4

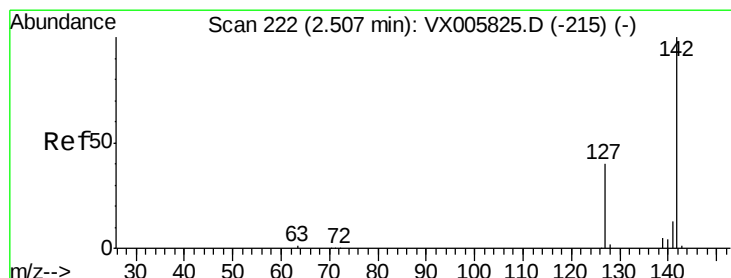
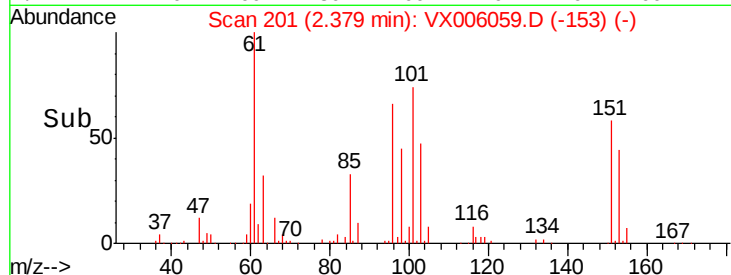
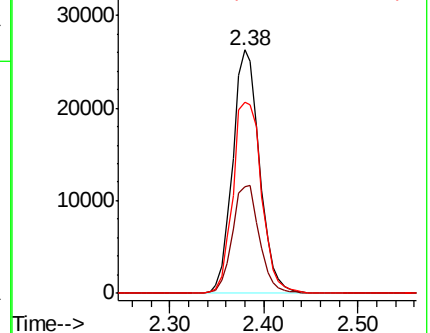
151 83.8 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.308 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

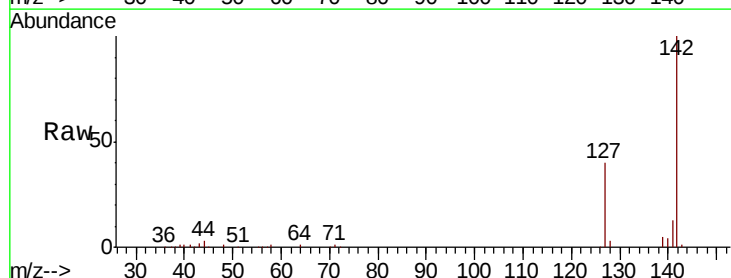
Tgt Ion:142 Resp: 51174

Ion Ratio Lower Upper

142 100

127 42.4 36.0 54.0

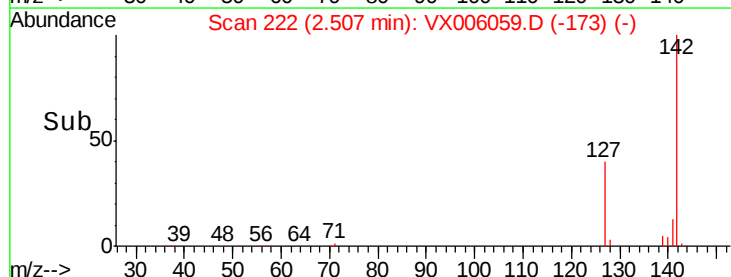
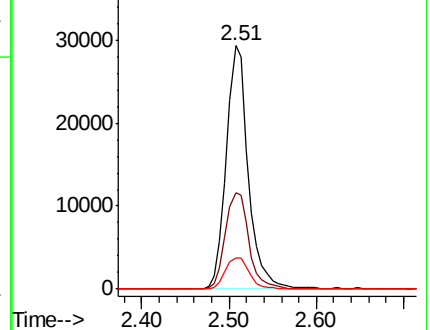
141 14.0 11.7 17.5

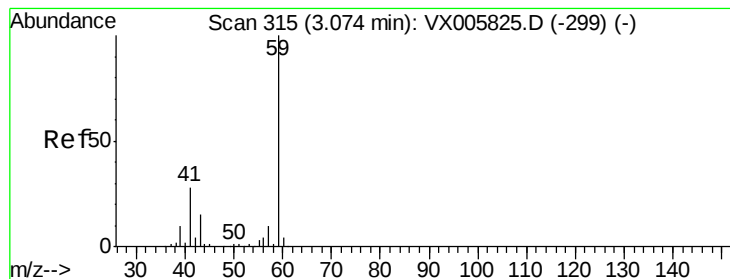


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



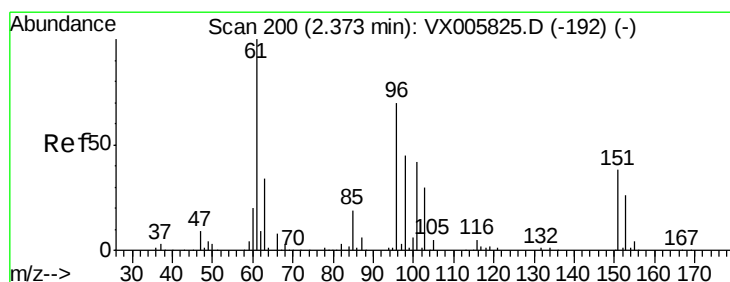
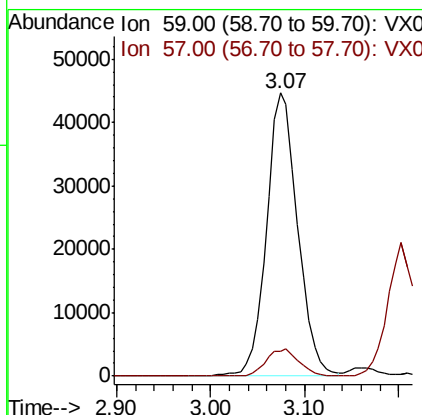
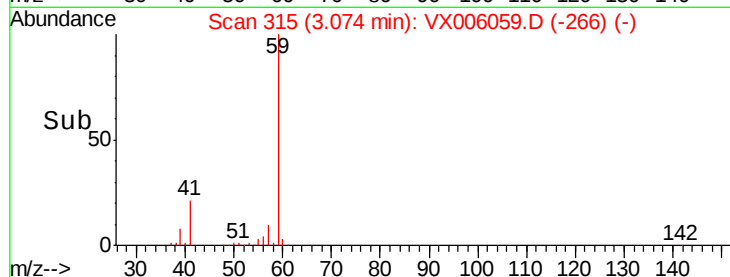
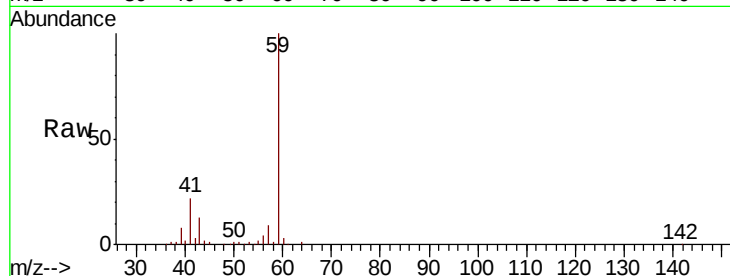


#11

Tert butyl alcohol
Concen: 270.771 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

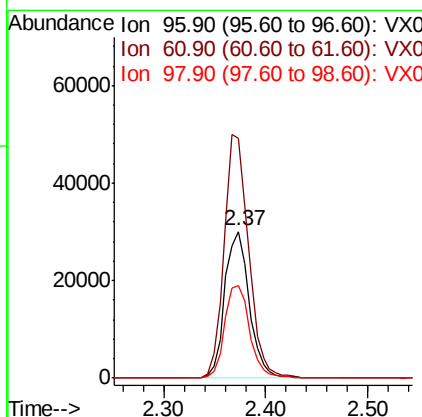
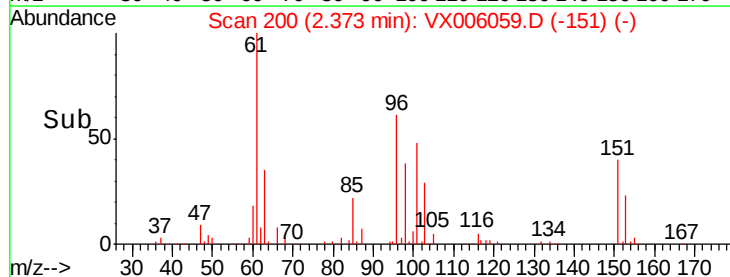
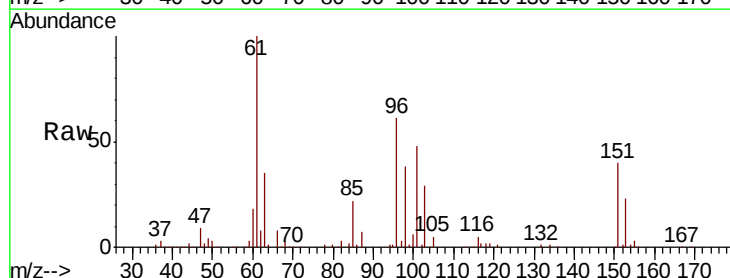
Tot Ion: 59 Resp: 103007
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

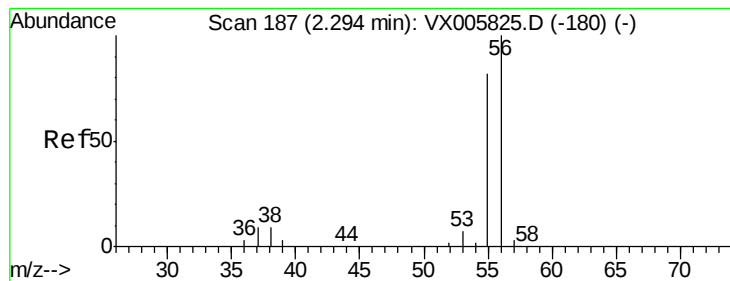


#12

1,1-Dichloroethene
Concen: 48.976 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 96 Resp: 50005
Ion Ratio Lower Upper
96 100
61 163.9 131.8 197.8
98 63.0 53.4 80.2





#13

Acrolein

Concen: 290.167 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

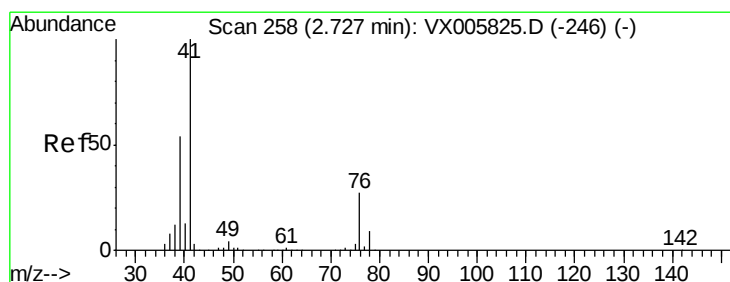
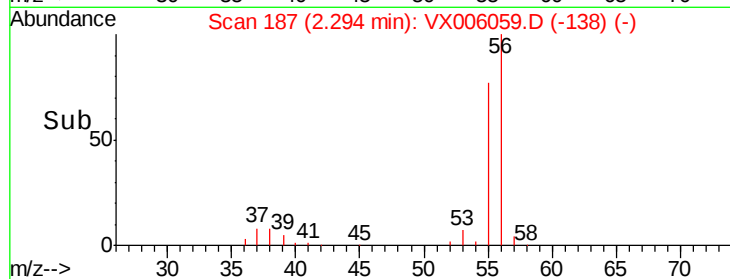
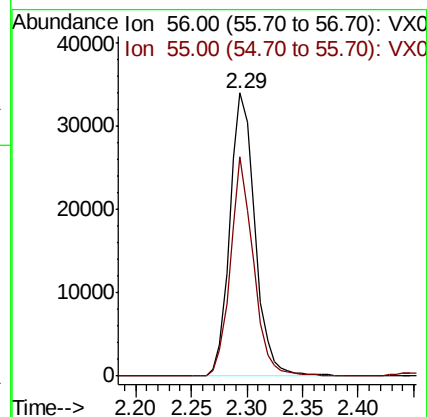
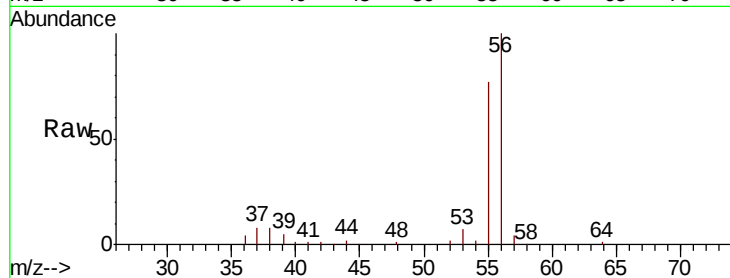
VSTDCCC050EC

Tot Ion: 56 Resp: 53238

Ion Ratio Lower Upper

56 100

55 70.9 57.3 85.9



#14

Allyl chloride

Concen: 49.138 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

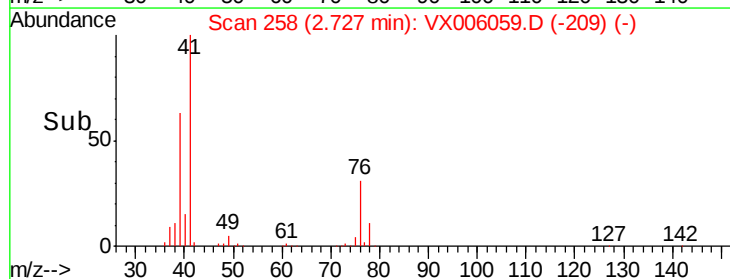
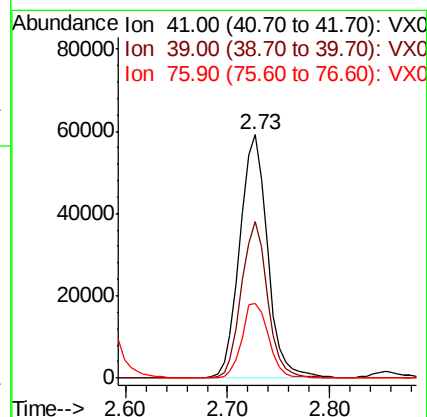
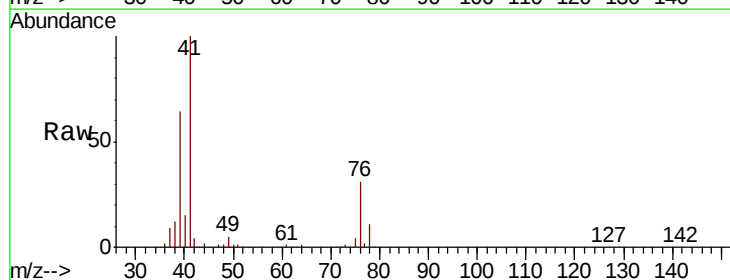
Tgt Ion: 41 Resp: 112053

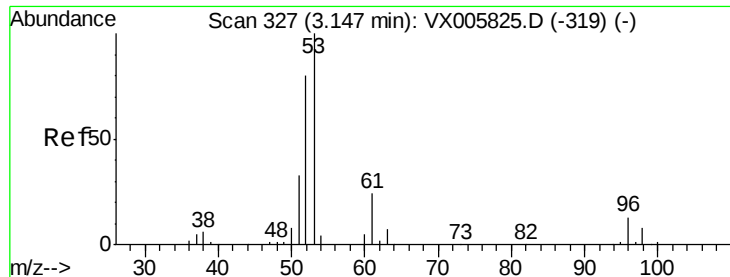
Ion Ratio Lower Upper

41 100

39 60.7 48.2 72.4

76 29.8 21.9 32.9





#15

Acrylonitrile

Concen: 272.221 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

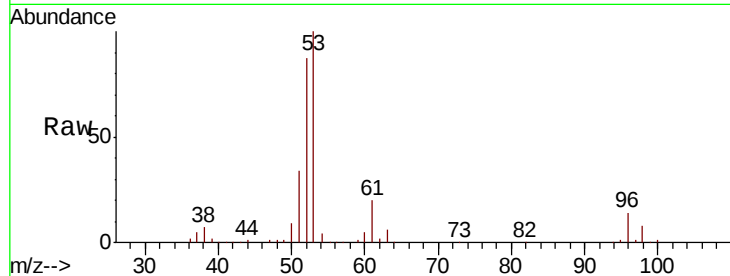
Tot Ion: 53 Resp: 214613

Ion Ratio Lower Upper

53 100

52 85.1 66.6 99.8

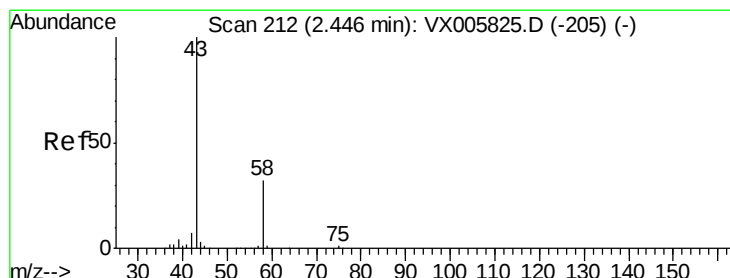
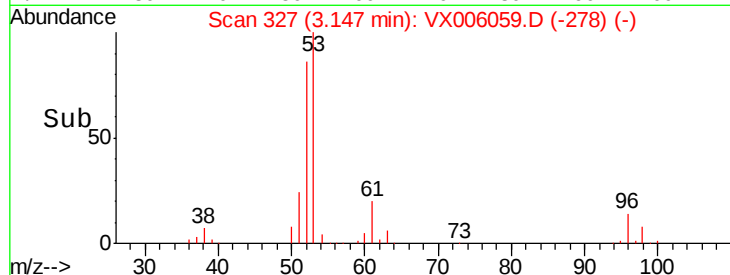
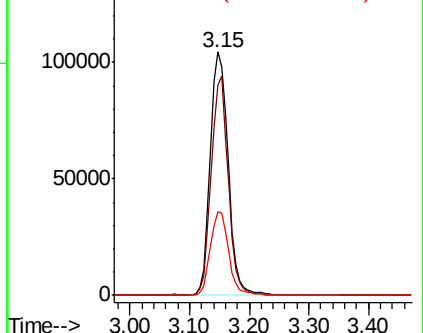
51 35.2 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 272.699 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006059.D

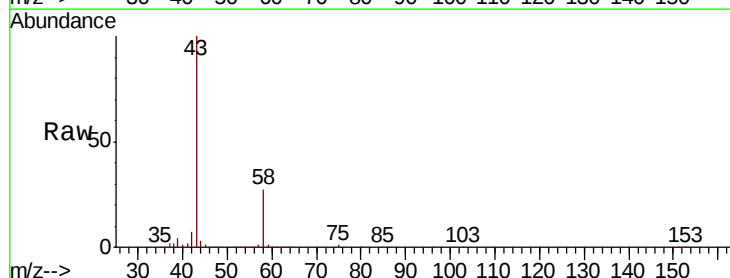
Acq: 16 Nov 2018 19:21

Tgt Ion: 43 Resp: 194985

Ion Ratio Lower Upper

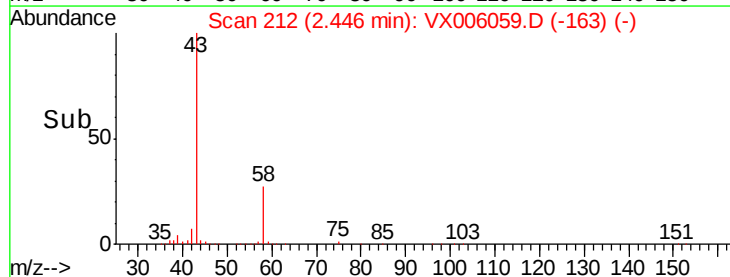
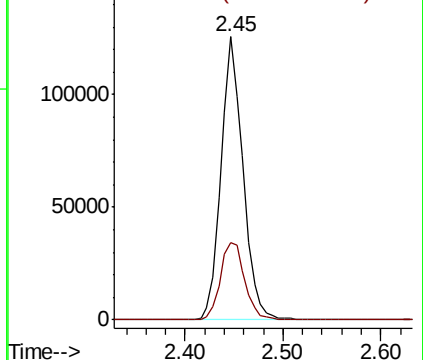
43 100

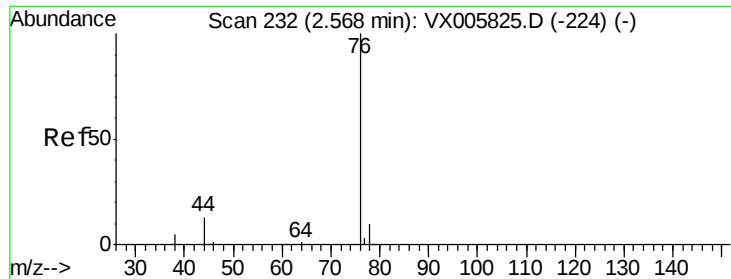
58 27.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

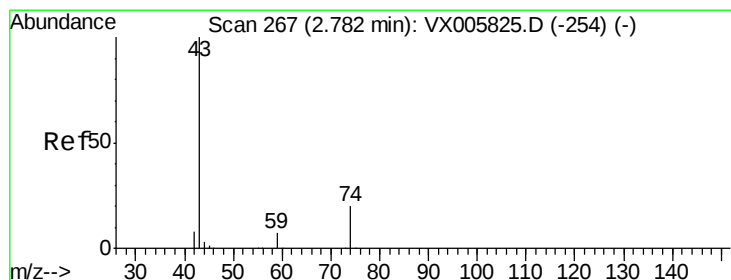
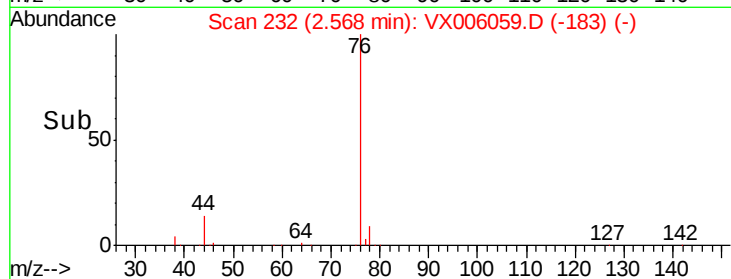
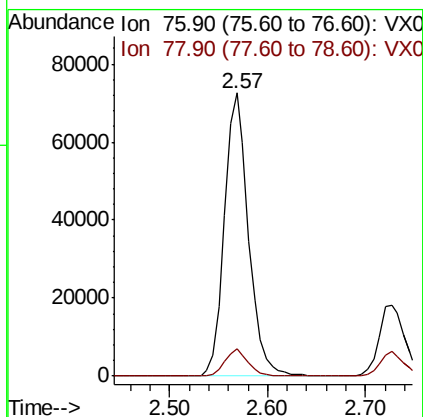
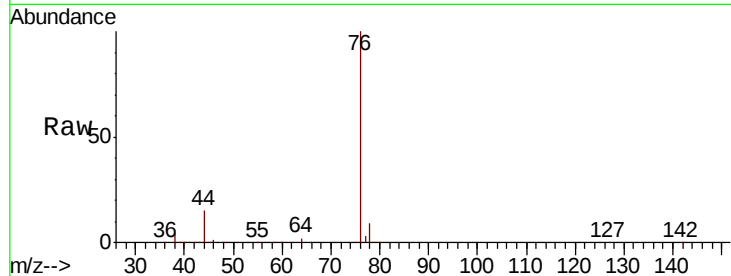




#17
Carbon Disulfide
Concen: 40.644 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

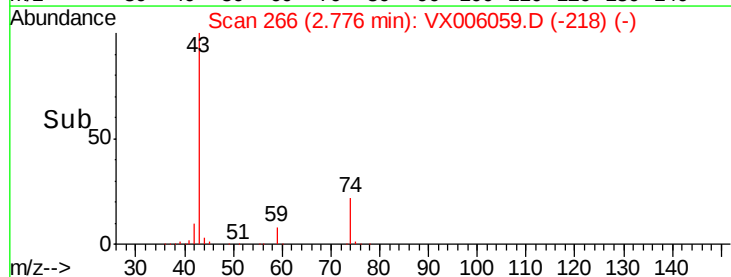
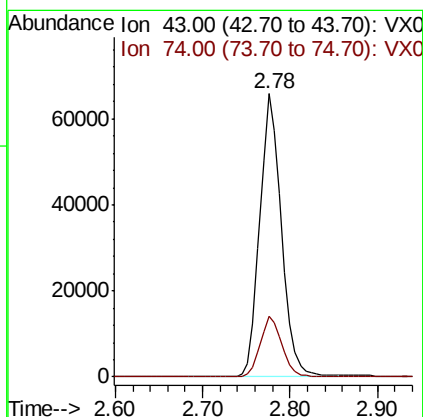
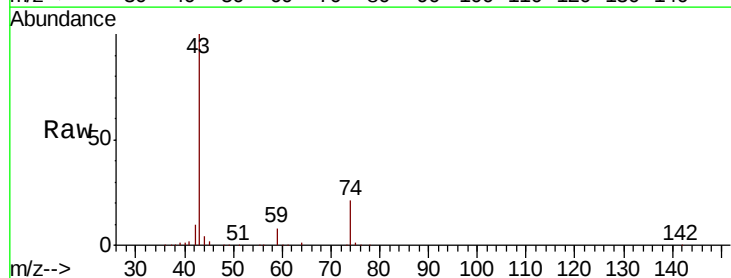
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

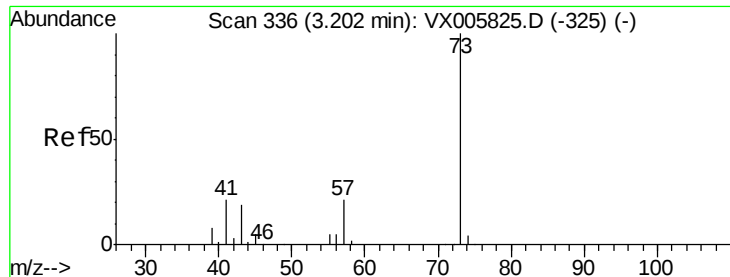
Tot Ion: 76 Resp: 123780
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 59.670 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 43 Resp: 113788
Ion Ratio Lower Upper
43 100
74 21.2 16.8 25.2

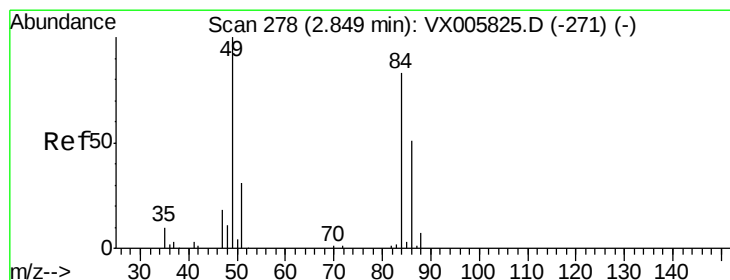
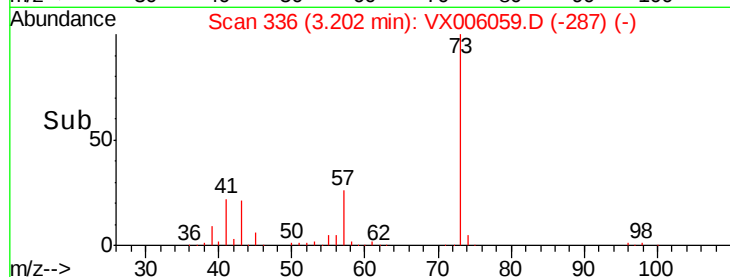
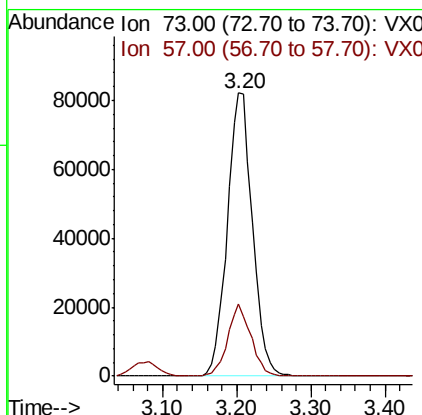
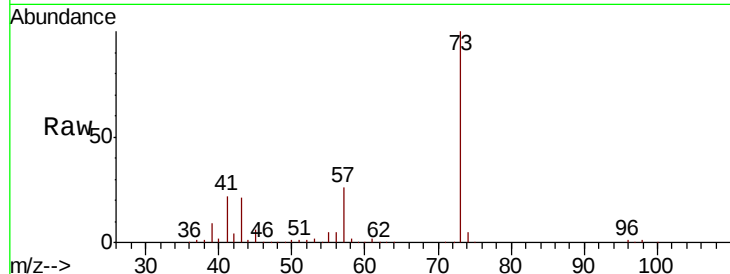




#19
Methyl tert-butyl Ether
Concen: 55.595 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

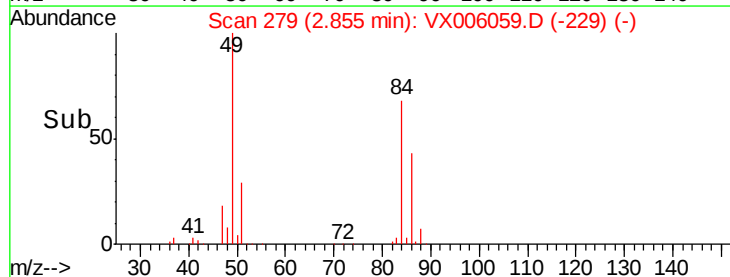
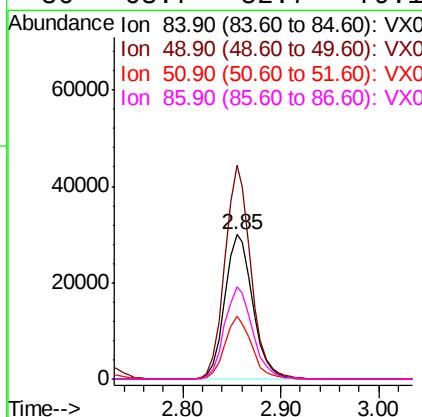
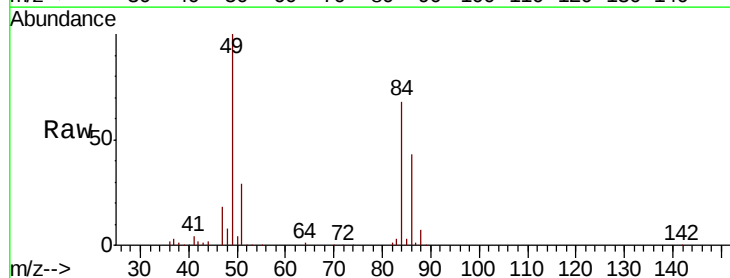
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 193737
Ion Ratio Lower Upper
73 100
57 25.6 18.8 28.2



#20
Methylene Chloride
Concen: 50.411 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 84 Resp: 59209
Ion Ratio Lower Upper
84 100
49 148.1 109.5 164.3
51 43.4 33.3 49.9
86 63.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.068 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

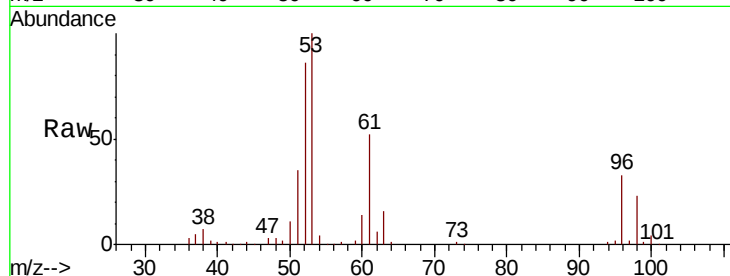
Tot Ion: 96 Resp: 52842

Ion Ratio Lower Upper

96 100

61 155.1 115.6 173.4

98 68.2 50.2 75.2

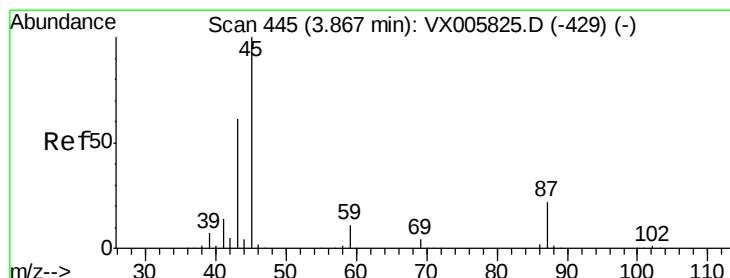
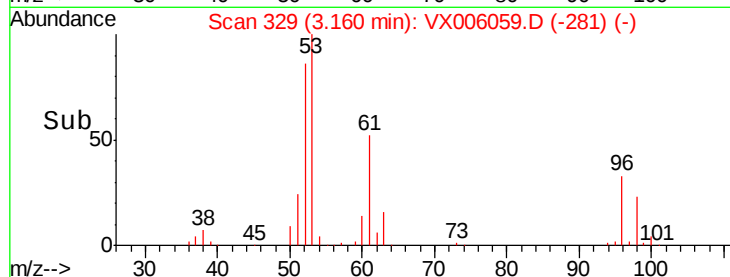
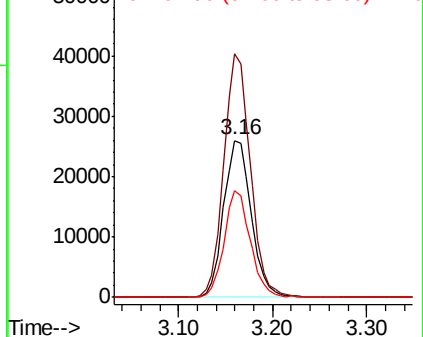


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.332 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Tgt Ion: 45 Resp: 213043

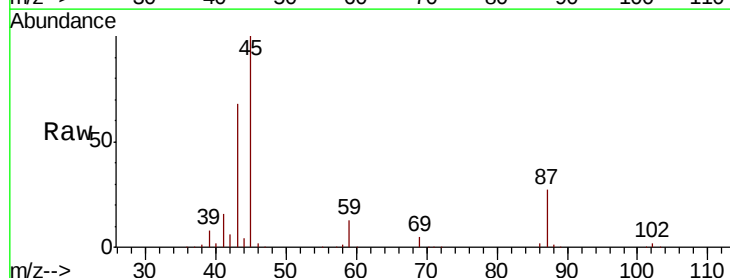
Ion Ratio Lower Upper

45 100

43 68.3 47.4 71.2

87 26.5 15.9 23.9#

59 12.8 7.7 11.5#



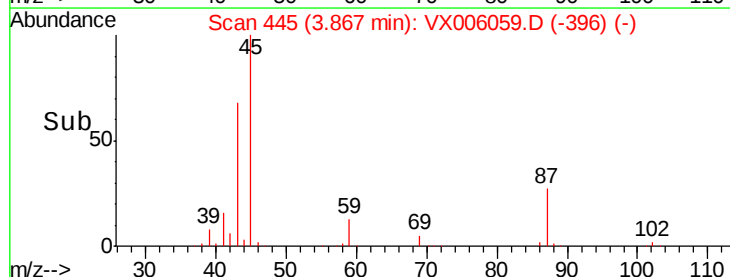
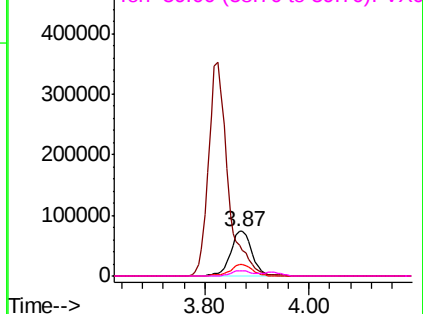
Abundance

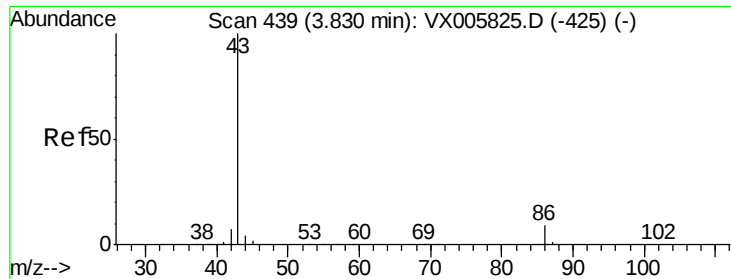
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 266.856 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

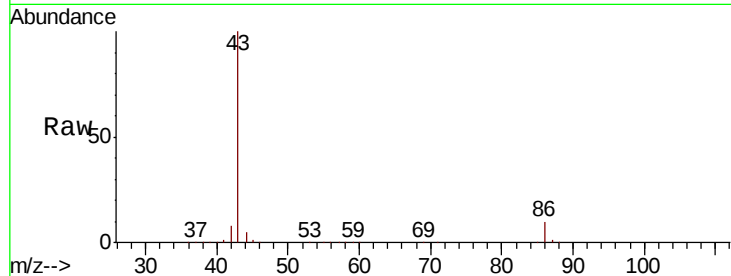
VSTDCCC050EC

Tot Ion: 43 Resp: 914002

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

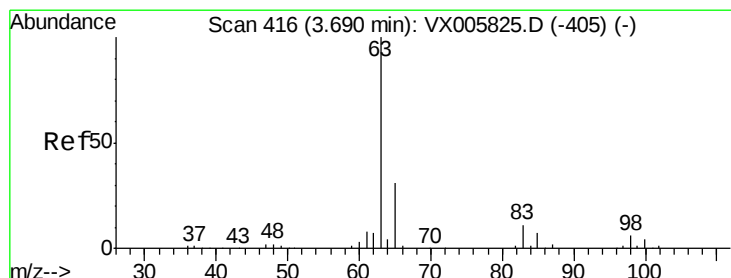
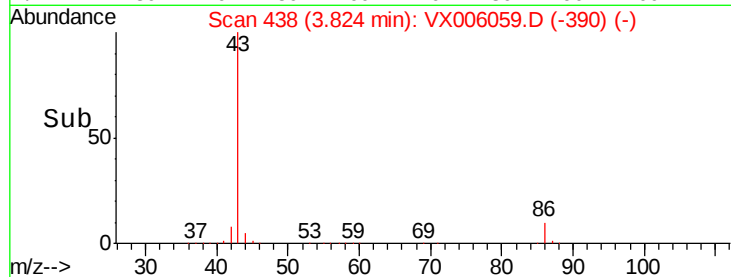
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.382 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

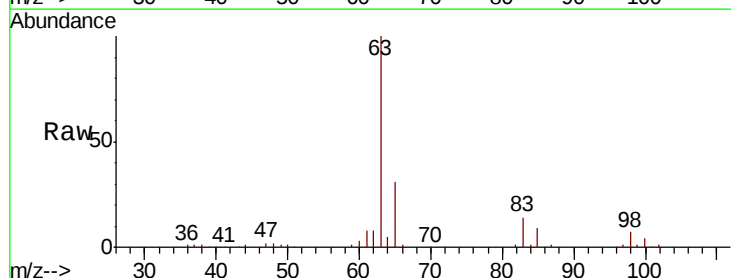
Tgt Ion: 63 Resp: 111637

Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

100 4.3 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

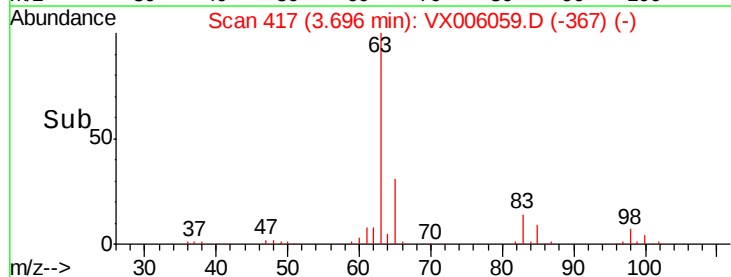
30000

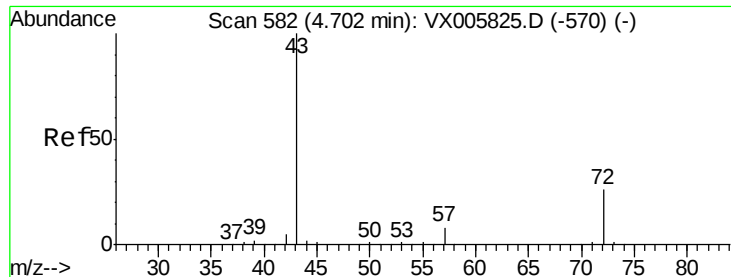
20000

10000

0

Time-->





#25

2-Butanone

Concen: 269.551 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

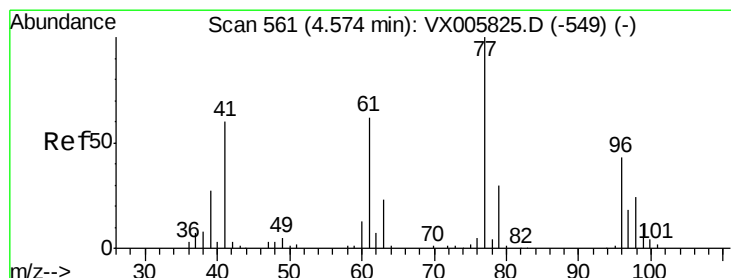
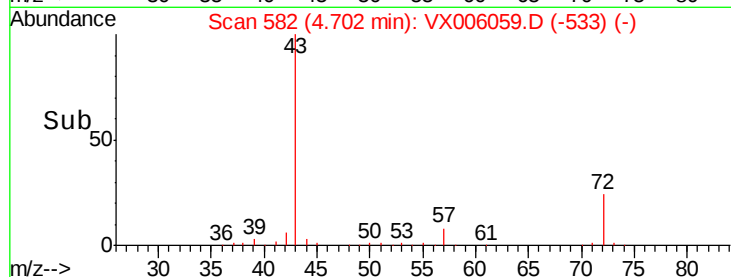
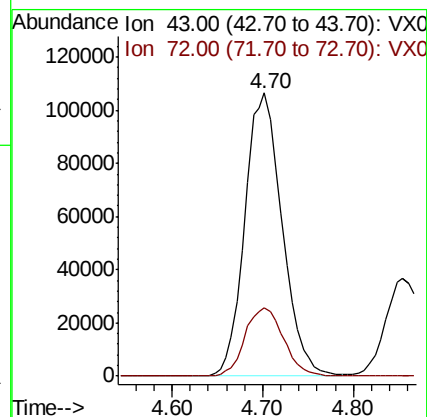
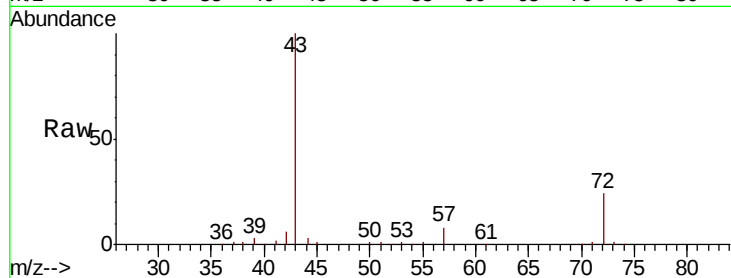
VSTDCCC050EC

Tot Ion: 43 Resp: 303009

Ion Ratio Lower Upper

43 100

72 24.4 19.2 28.8



#26

2,2-Dichloropropane

Concen: 50.531 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX006059.D

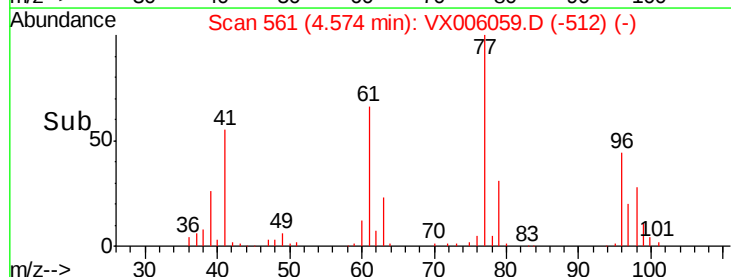
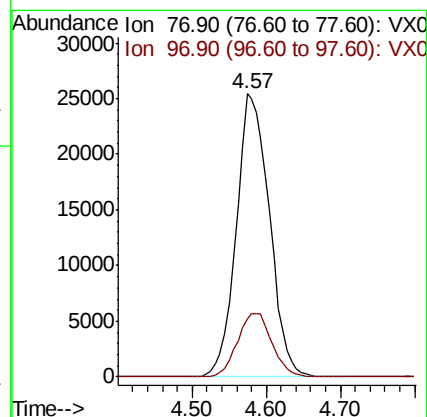
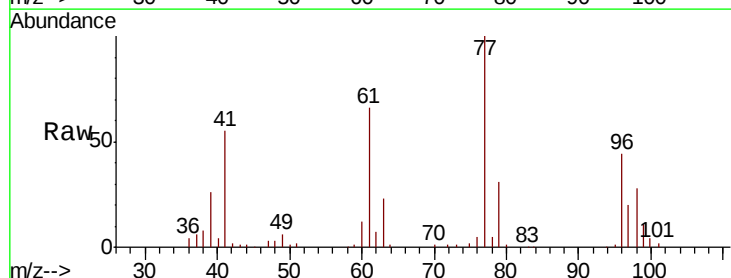
Acq: 16 Nov 2018 19:21

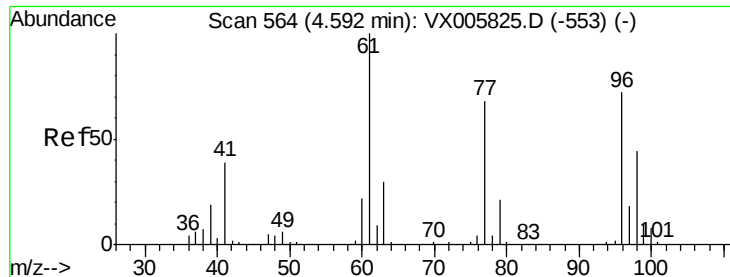
Tgt Ion: 77 Resp: 78998

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.5



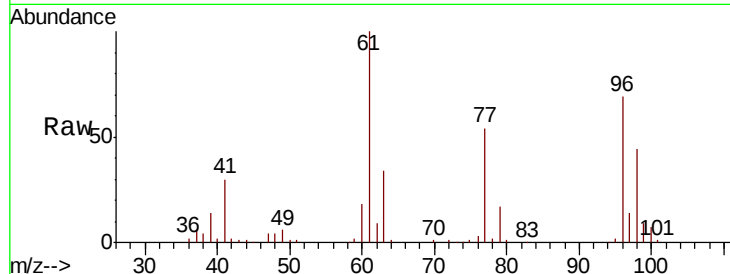


#27

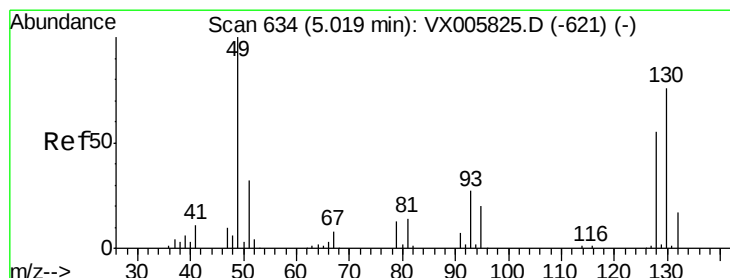
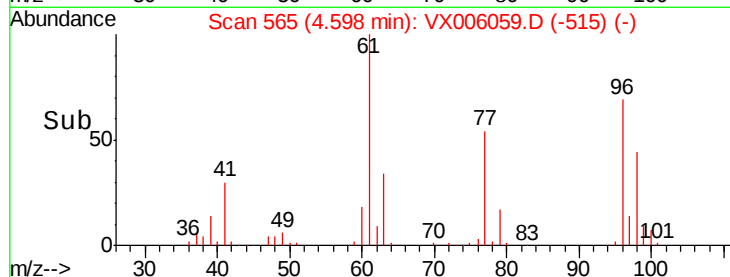
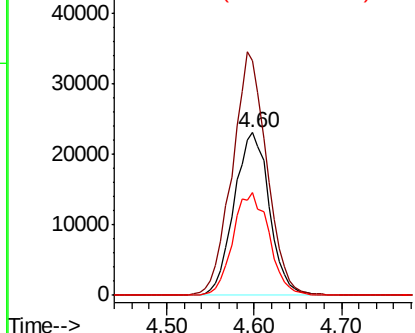
cis-1,2-Dichloroethene
 Concen: 54.426 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 64719
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 304.6
 98 64.7 0.0 127.4



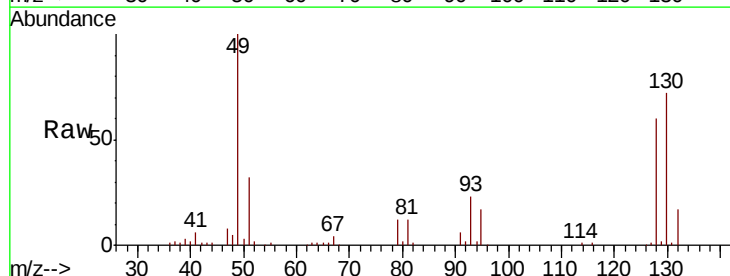
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



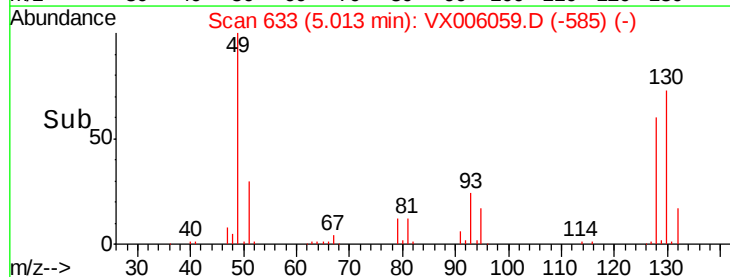
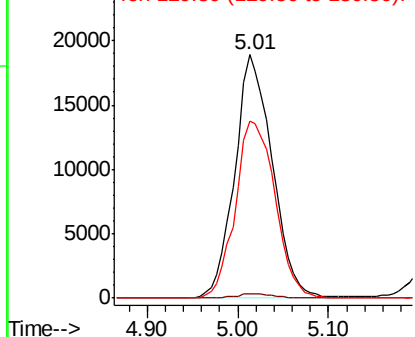
#28

Bromochloromethane
 Concen: 56.944 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion: 49 Resp: 54238
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 76.9 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

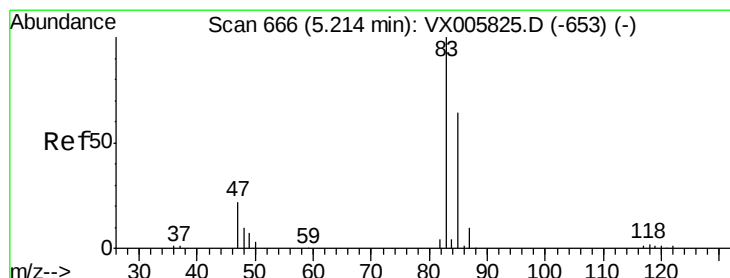
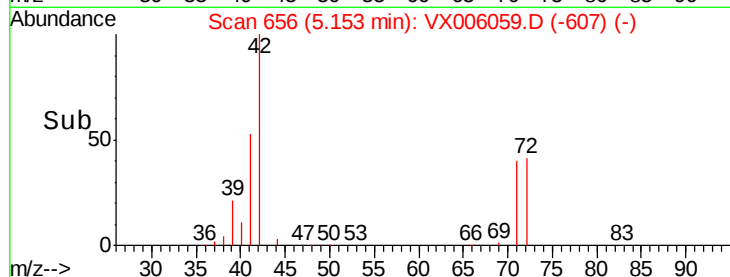
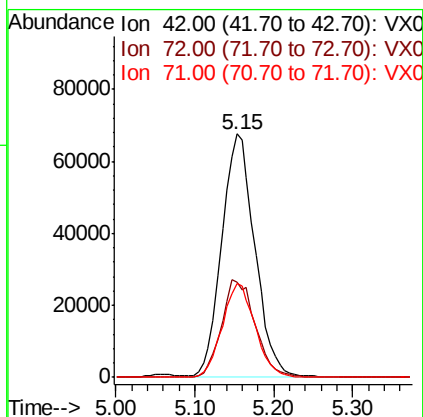
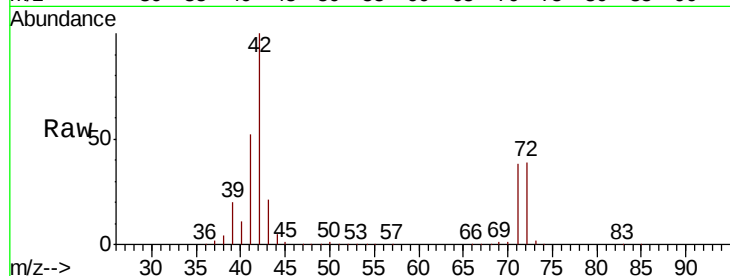




#29
Tetrahydrofuran
Concen: 272.814 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

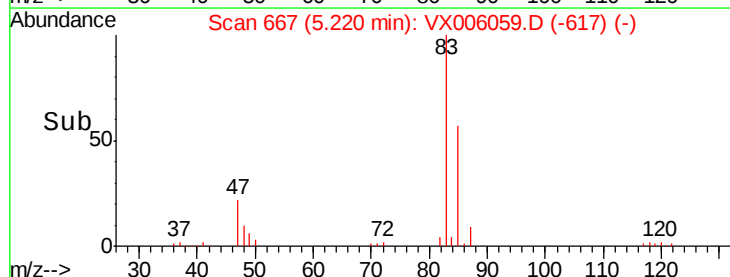
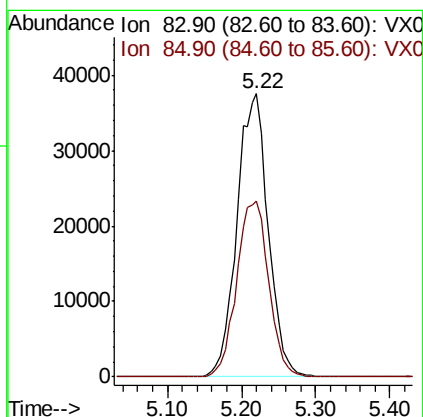
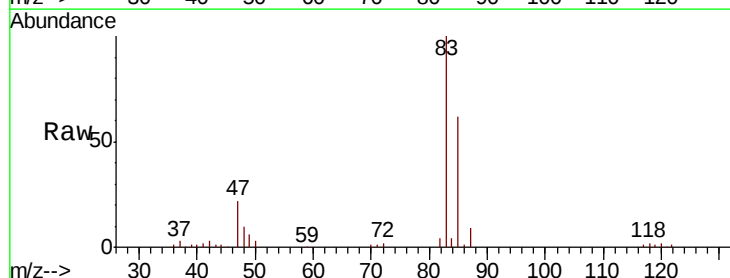
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

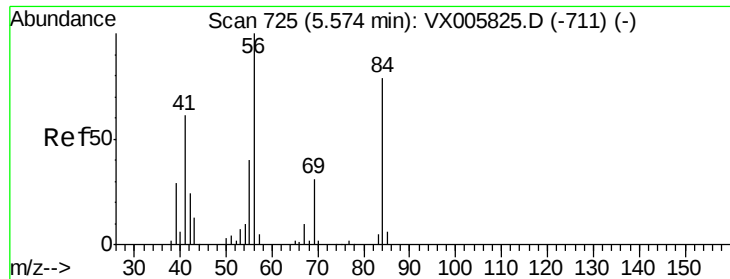
Tot Ion: 42 Resp: 196910
Ion Ratio Lower Upper
42 100
72 41.2 32.0 48.0
71 38.6 29.8 44.8



#30
Chloroform
Concen: 53.677 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 83 Resp: 110368
Ion Ratio Lower Upper
83 100
85 62.1 50.6 76.0

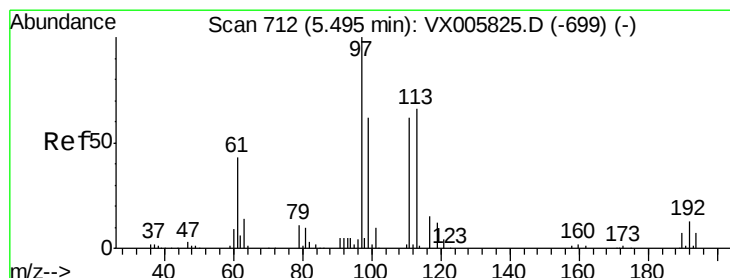
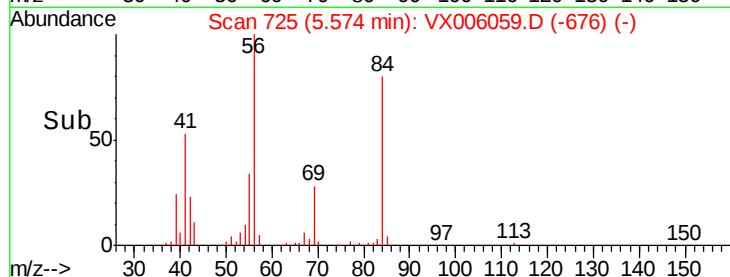
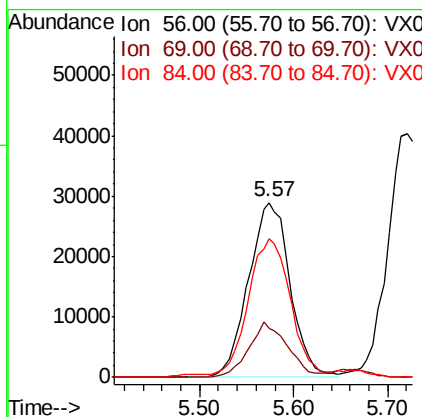
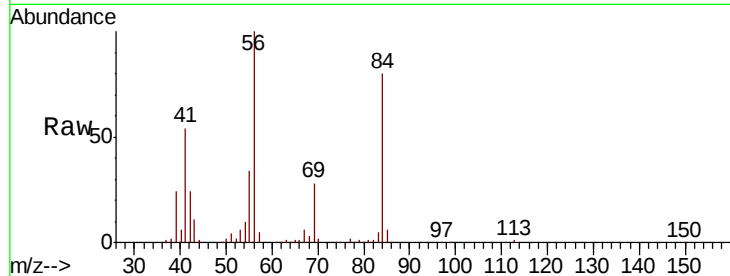




#31
Cyclohexane
Concen: 48.376 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

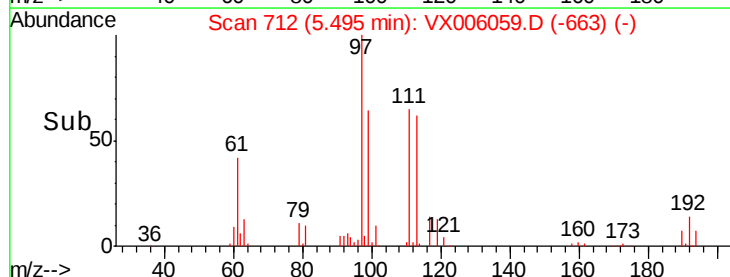
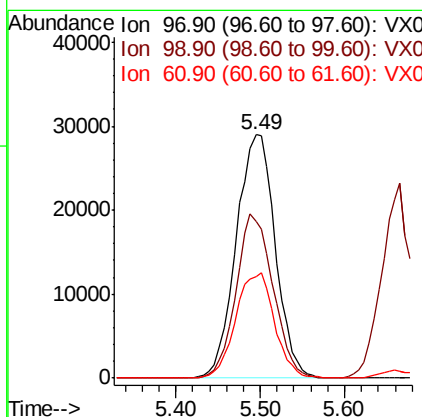
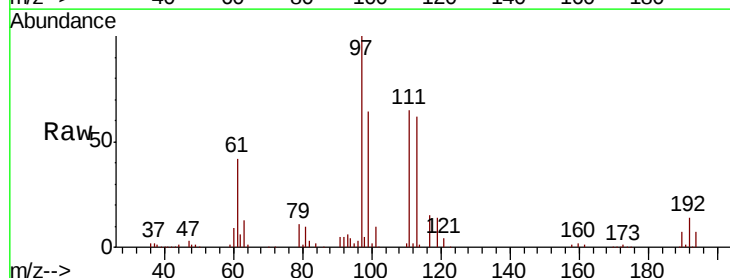
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 89495
Ion Ratio Lower Upper
56 100
69 28.1 22.6 34.0
84 78.0 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 52.993 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 97 Resp: 90884
Ion Ratio Lower Upper
97 100
99 64.0 52.3 78.5
61 43.2 35.2 52.8

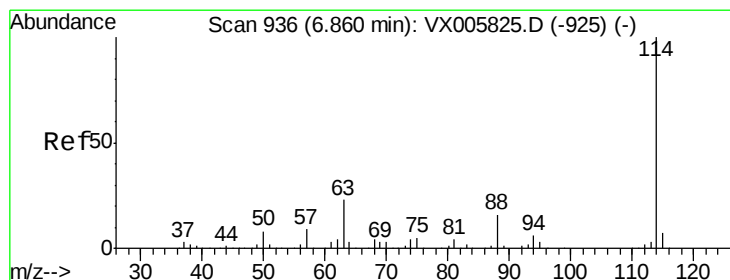
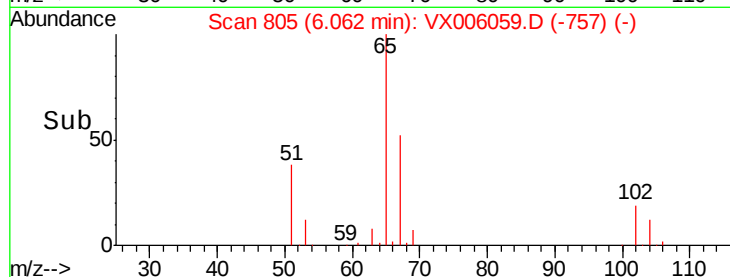
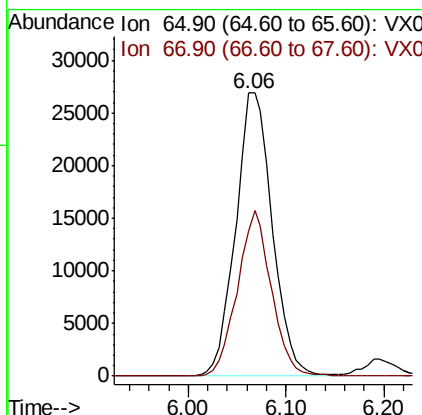
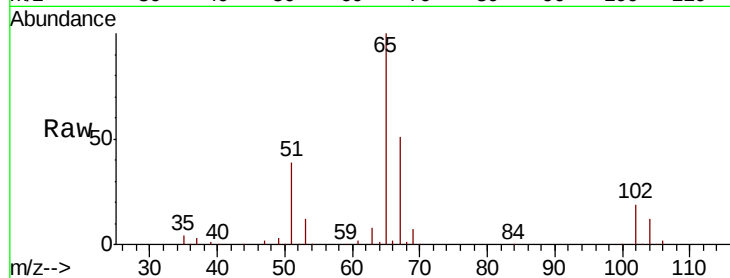




#33
 1,2-Dichloroethane-d4
 Concen: 52.596 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

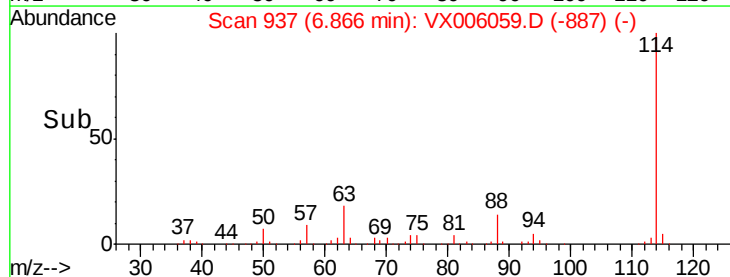
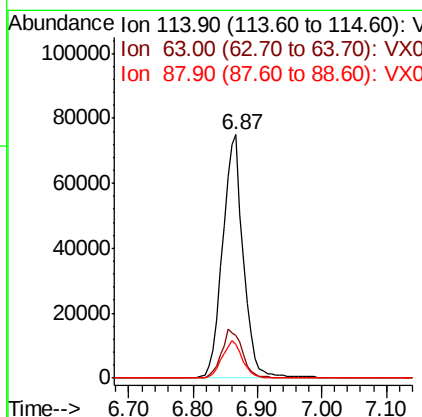
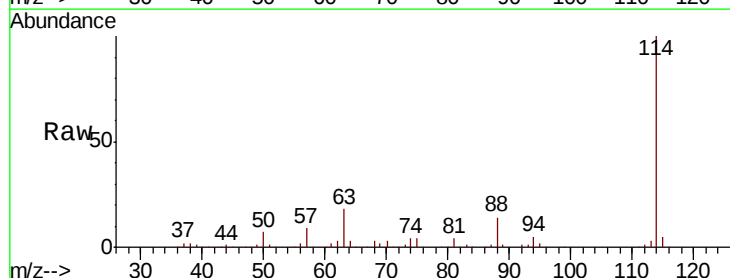
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

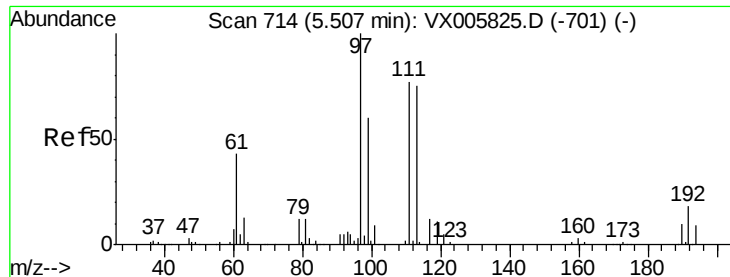
Tot Ion: 65 Resp: 69846
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion: 114 Resp: 171255
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 42.8
 88 13.9 0.0 31.2

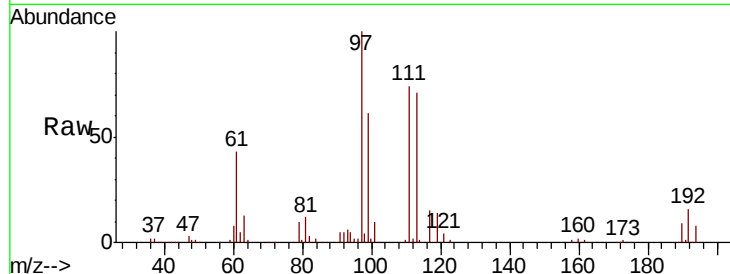




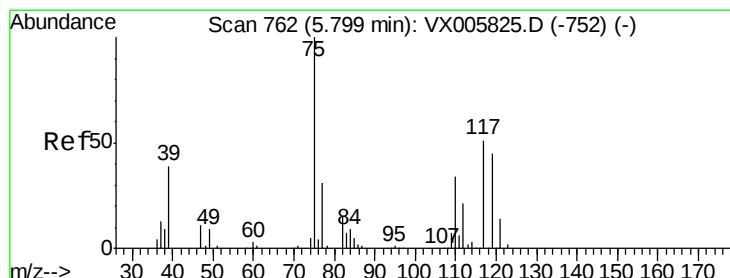
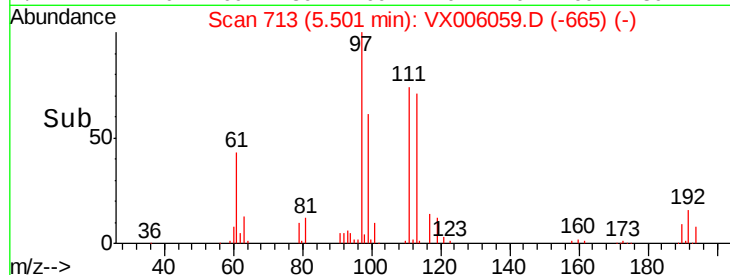
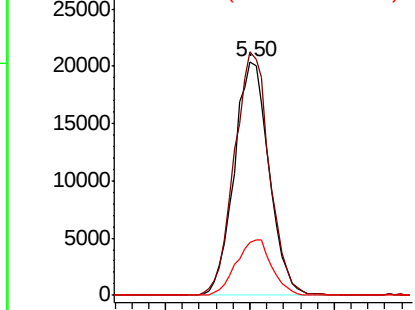
#35
 Dibromofluoromethane
 Concen: 48.955 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 57022
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.3 123.5
 192 24.3 17.9 26.9

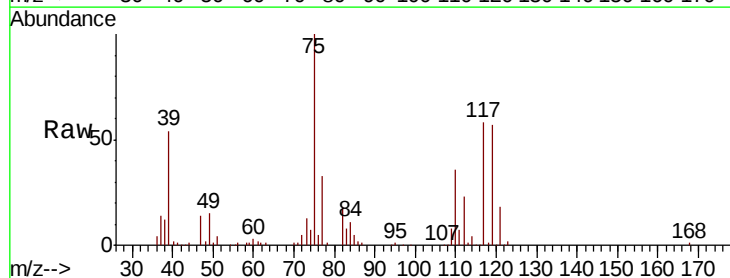


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

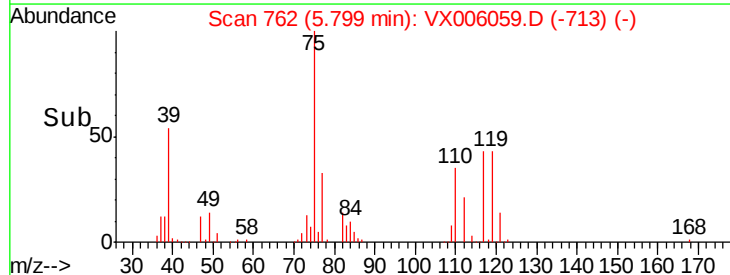
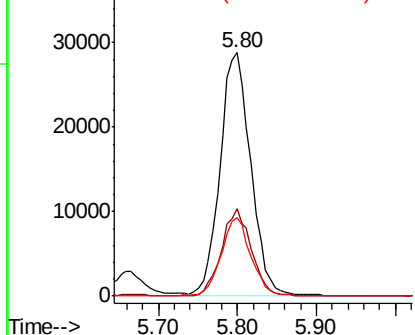


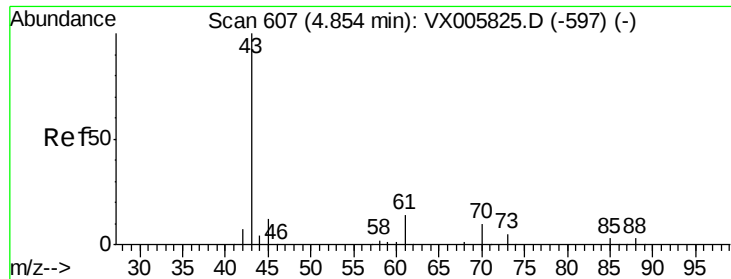
#36
 1,1-Dichloropropene
 Concen: 47.076 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion: 75 Resp: 77720
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.4 52.2
 77 31.8 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.368 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

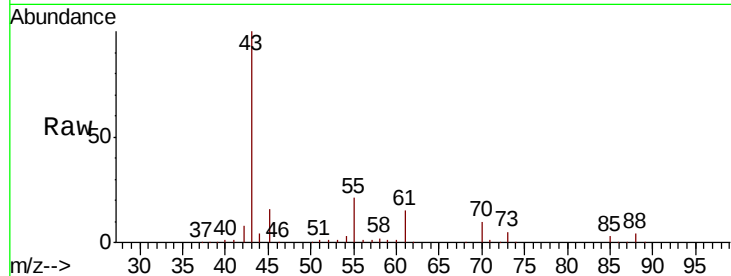
Tot Ion: 43 Resp: 109349

Ion Ratio Lower Upper

43 100

61 14.0 10.8 16.2

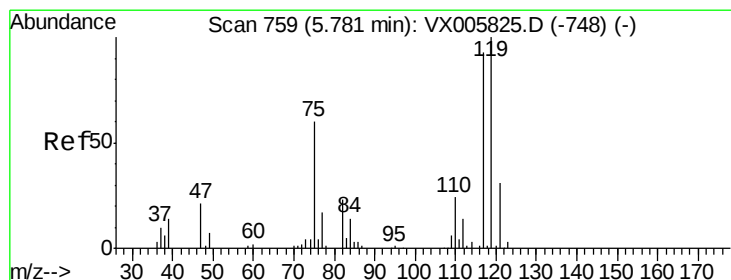
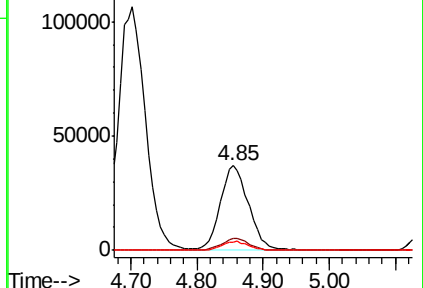
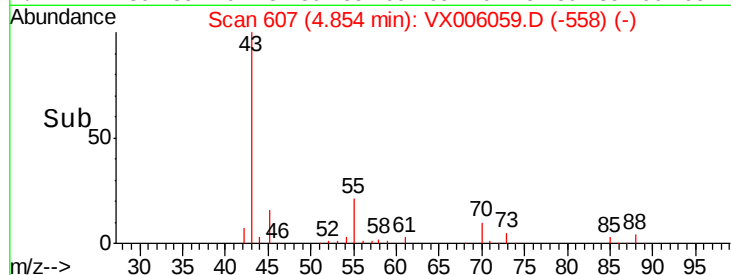
70 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 46.369 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

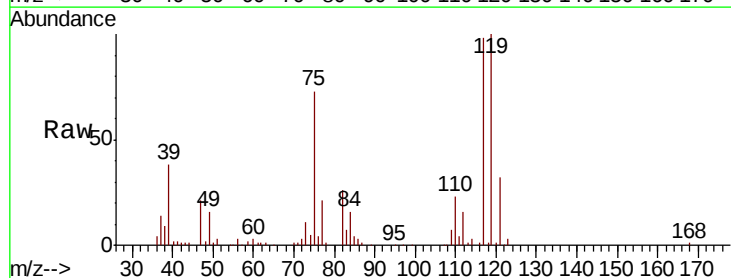
Tgt Ion: 117 Resp: 76637

Ion Ratio Lower Upper

117 100

119 102.3 78.1 117.1

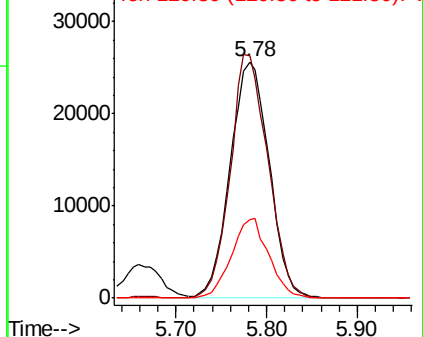
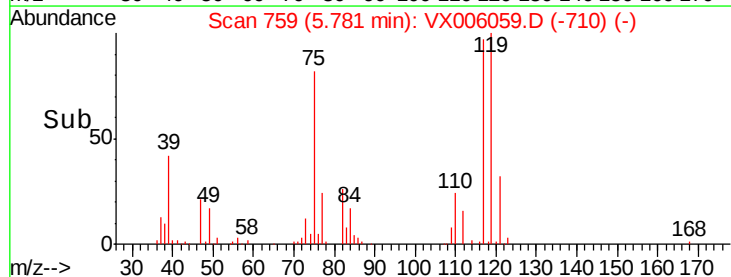
121 33.0 24.6 36.8

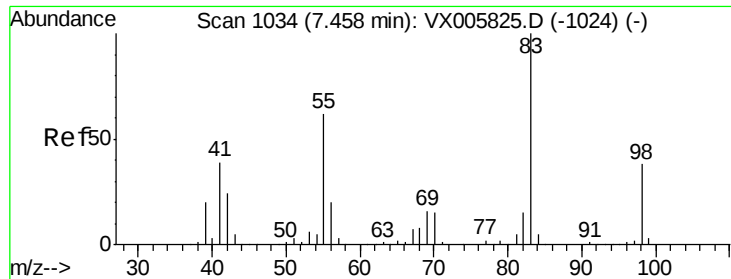


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

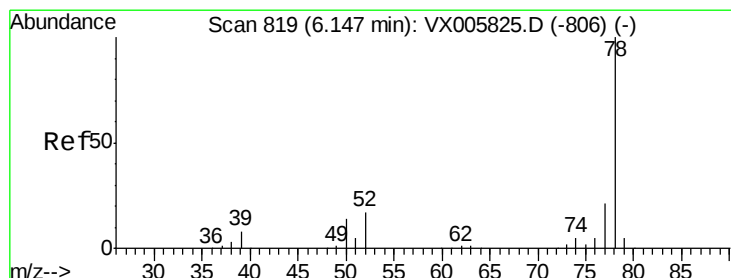
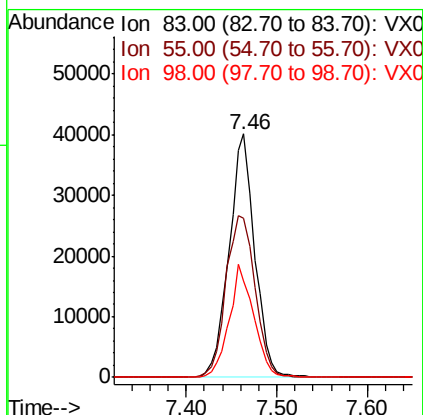
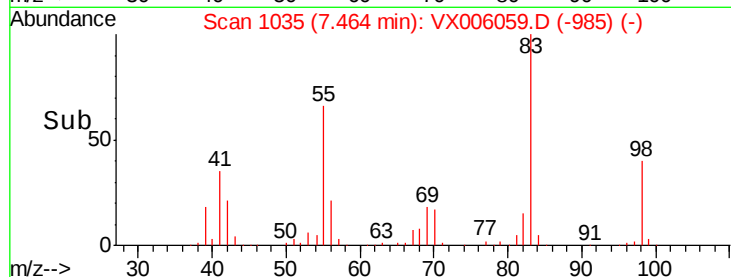
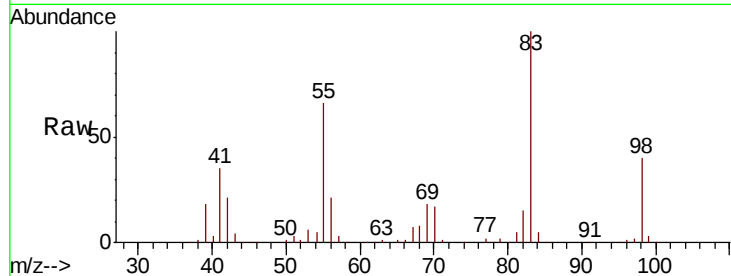




#39
Methvlcvclohexane
Concen: 47.249 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

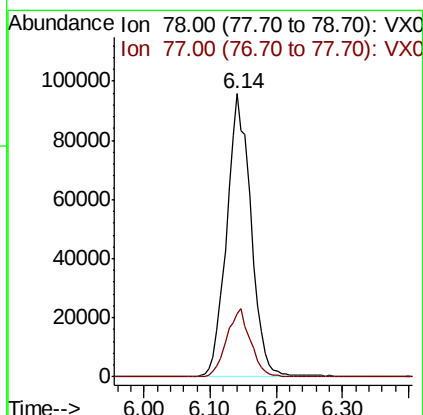
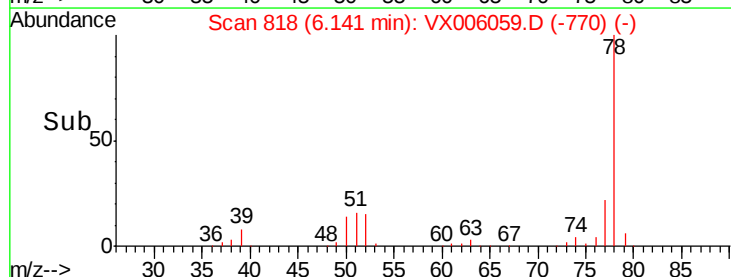
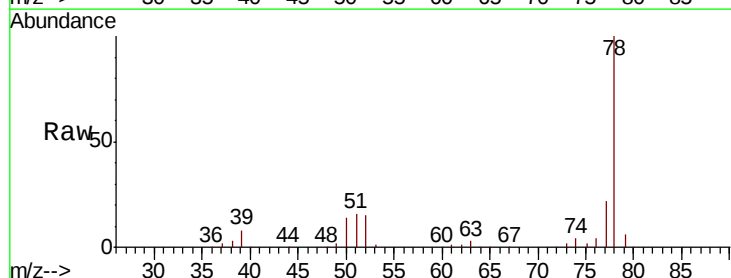
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

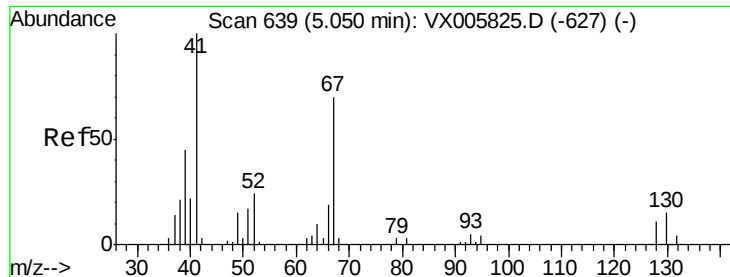
Tot Ion: 83 Resp: 79060
Ion Ratio Lower Upper
83 100
55 65.6 63.7 95.5
98 39.8 36.2 54.2



#40
Benzene
Concen: 50.725 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 78 Resp: 244131
Ion Ratio Lower Upper
78 100
77 22.1 18.4 27.6





#41

Methacrylonitrile

Concen: 52.637 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 61749

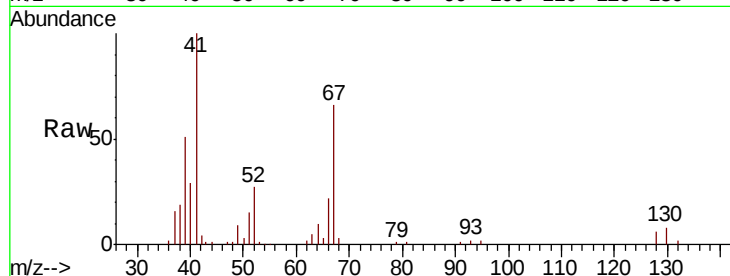
Ion Ratio Lower Upper

41 100

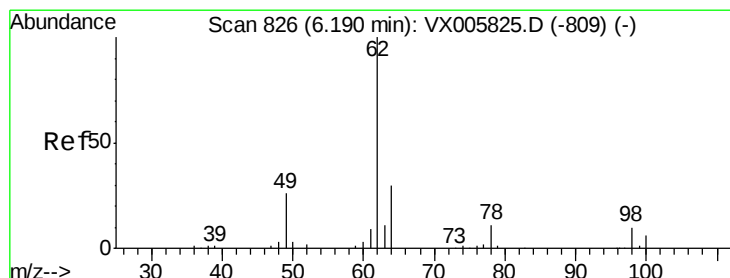
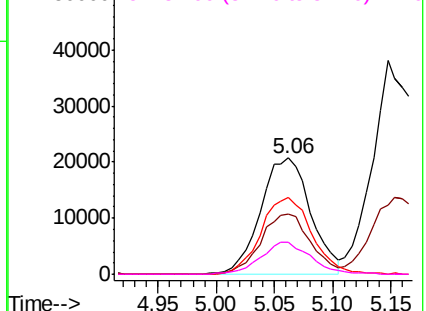
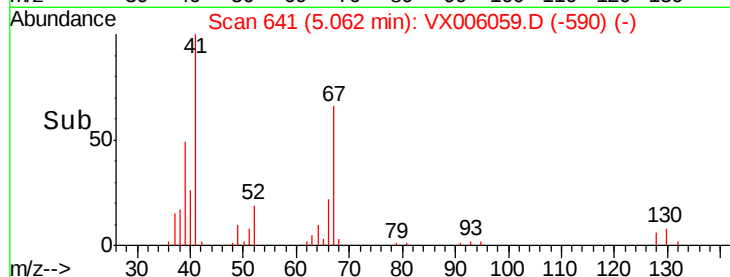
39 51.3 42.2 63.2

67 67.4 53.4 80.0

52 27.7 23.4 35.2



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



#42

1,2-Dichloroethane

Concen: 49.332 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX006059.D

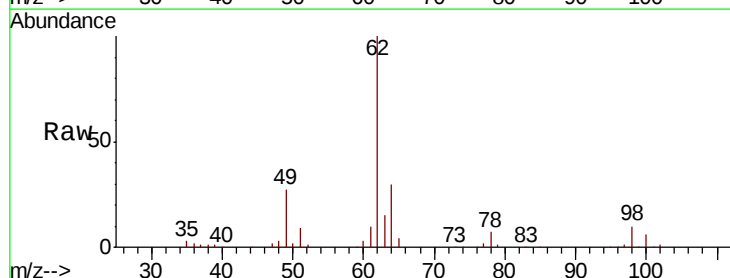
Acq: 16 Nov 2018 19:21

Tgt Ion: 62 Resp: 85041

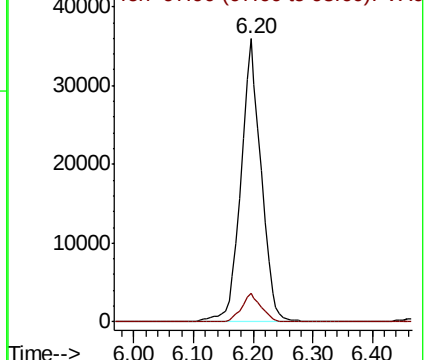
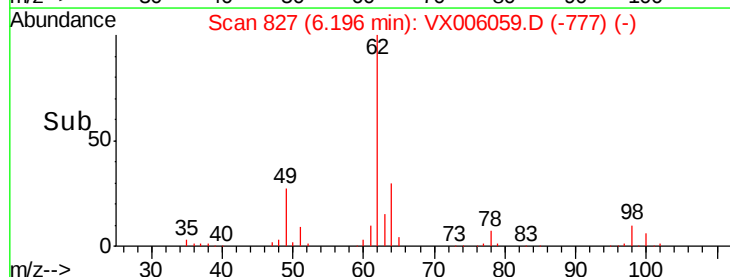
Ion Ratio Lower Upper

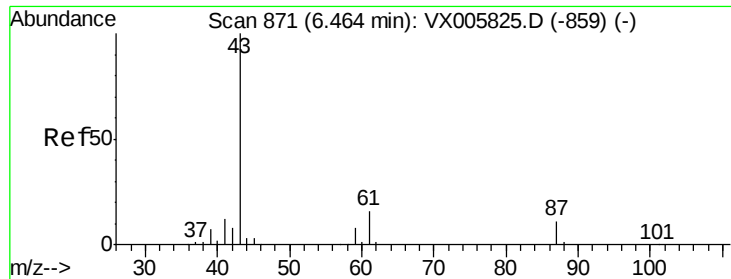
62 100

98 9.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.804 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

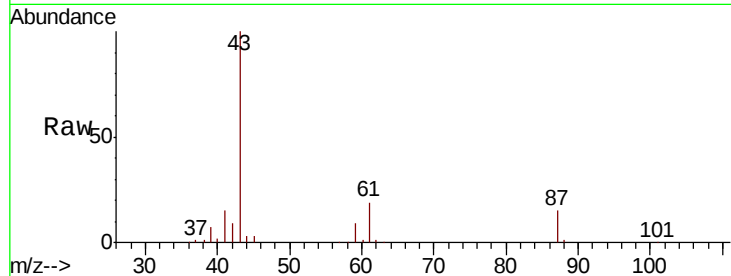
Tot Ion: 43 Resp: 162968

Ion Ratio Lower Upper

43 100

61 19.9 14.6 22.0

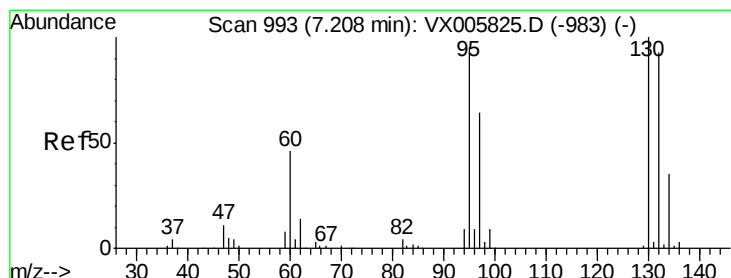
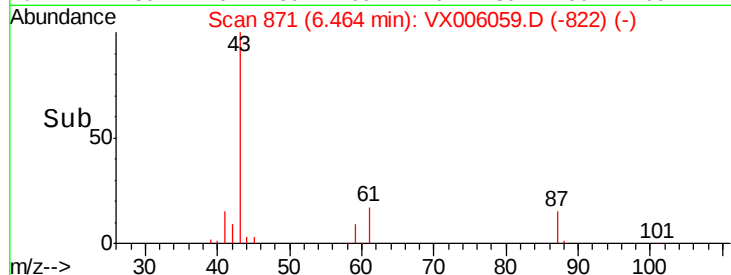
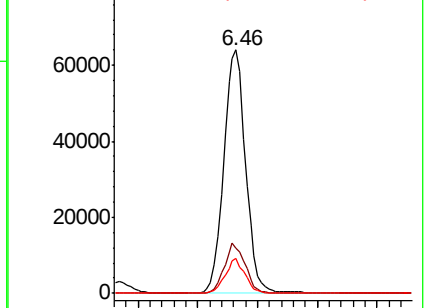
87 13.0 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX005825.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX005825.D (-859) (-)



#44

Trichloroethene

Concen: 47.955 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX006059.D

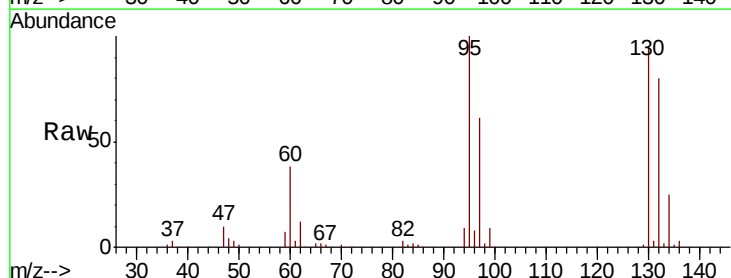
Acq: 16 Nov 2018 19:21

Tgt Ion:130 Resp: 58613

Ion Ratio Lower Upper

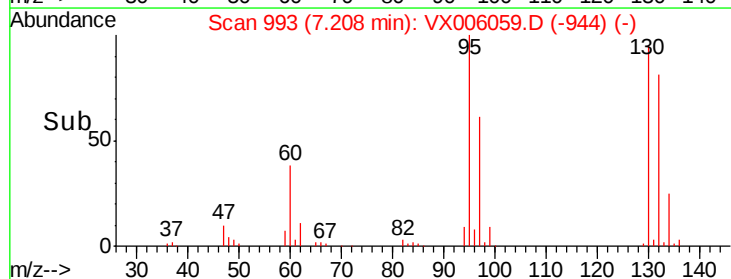
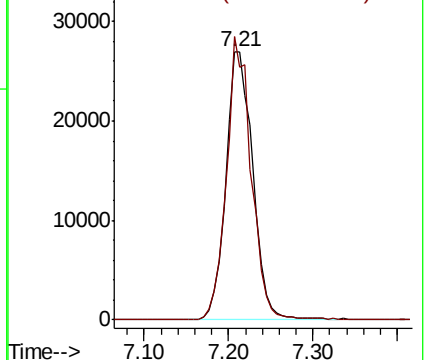
130 100

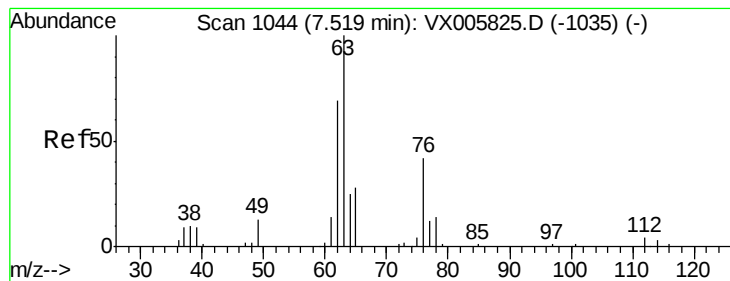
95 105.6 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VX005825.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX005825.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 52.132 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

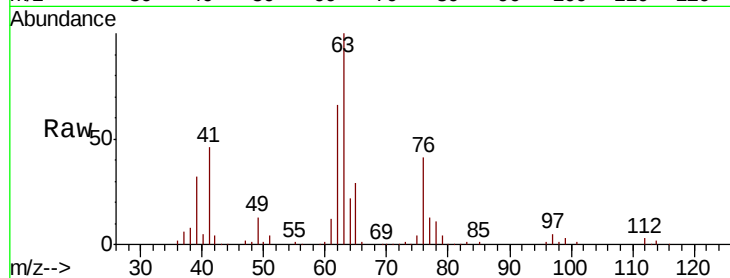
VSTDCCC050EC

Tot Ion: 63 Resp: 60899

Ion Ratio Lower Upper

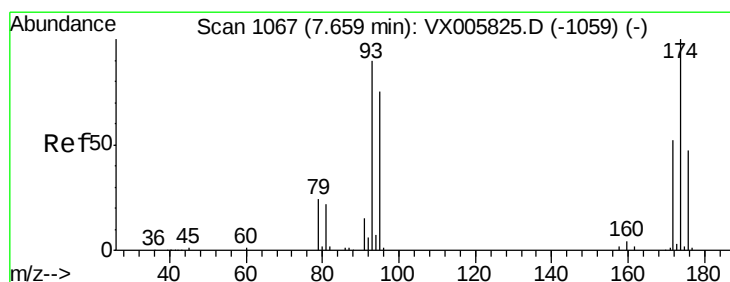
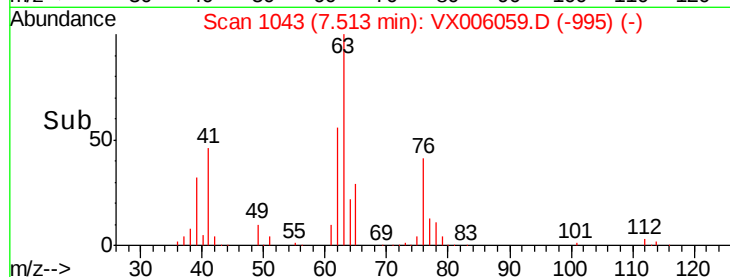
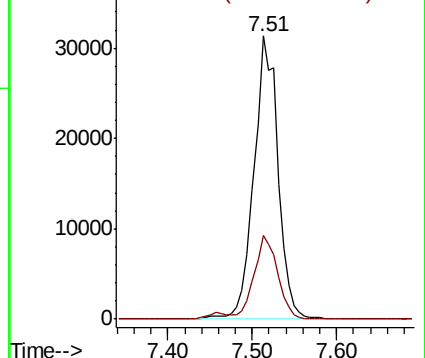
63 100

65 29.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.489 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

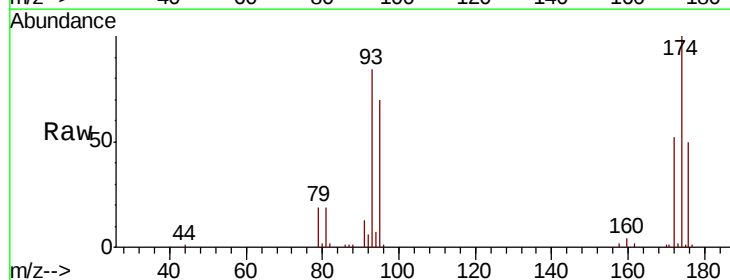
Tgt Ion: 93 Resp: 36277

Ion Ratio Lower Upper

93 100

95 84.2 67.4 101.0

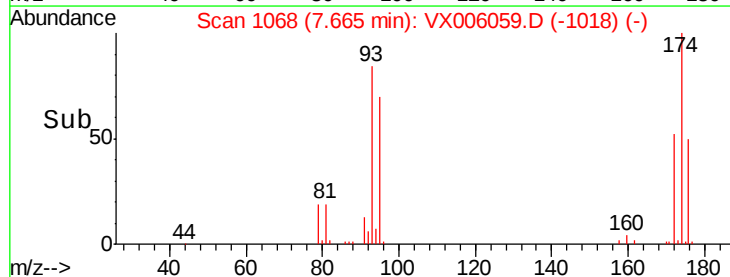
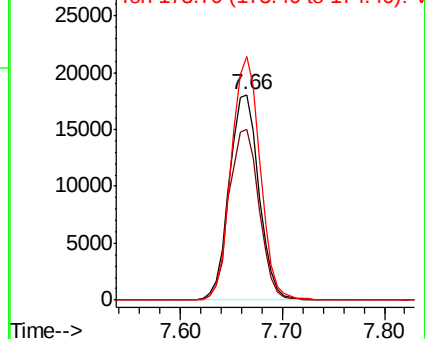
174 114.7 91.5 137.3

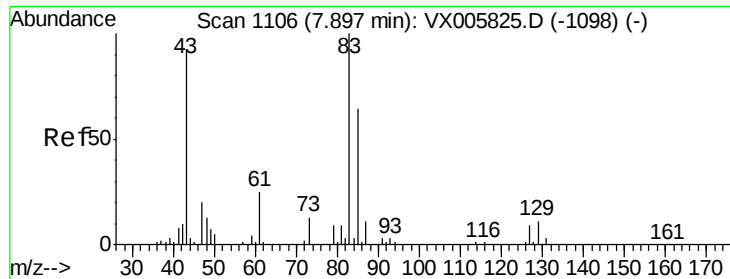


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.952 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

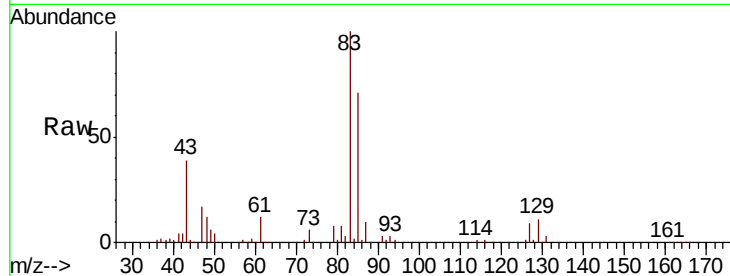
Tot Ion: 83 Resp: 70585

Ion Ratio Lower Upper

83 100

85 70.7 50.2 75.4

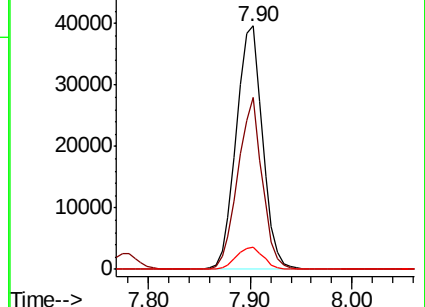
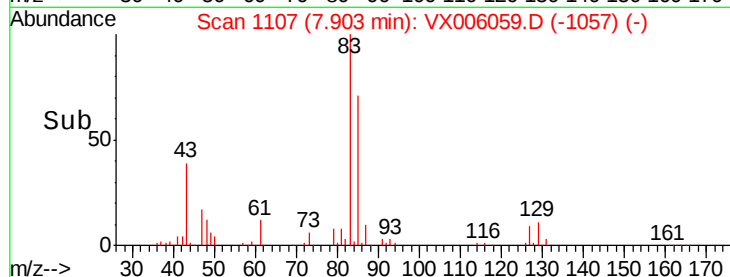
127 9.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.675 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

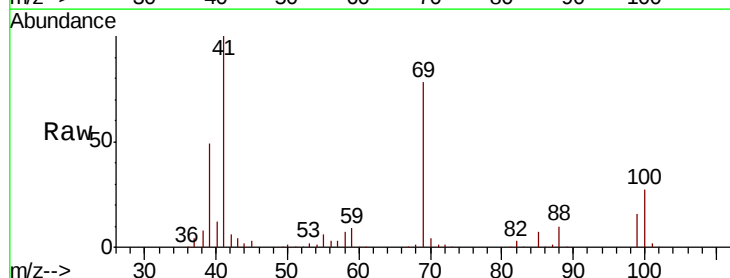
Tgt Ion: 41 Resp: 74406

Ion Ratio Lower Upper

41 100

69 77.9 63.2 94.8

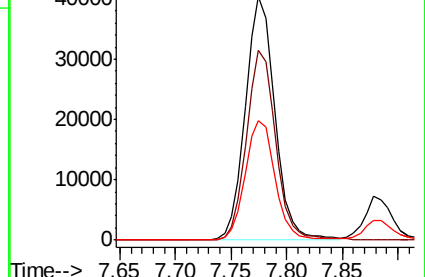
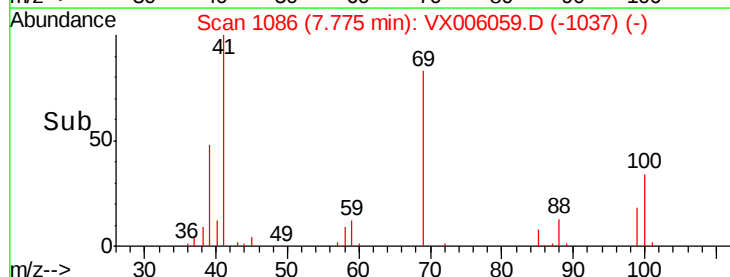
39 49.8 42.2 63.2

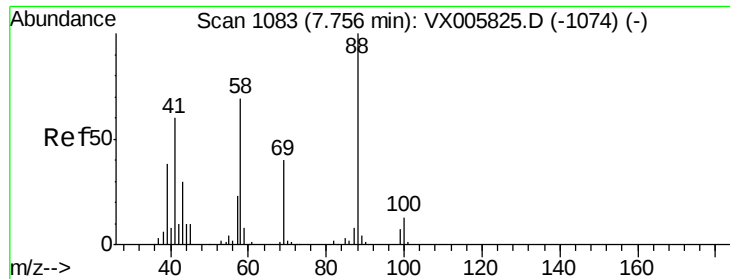


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

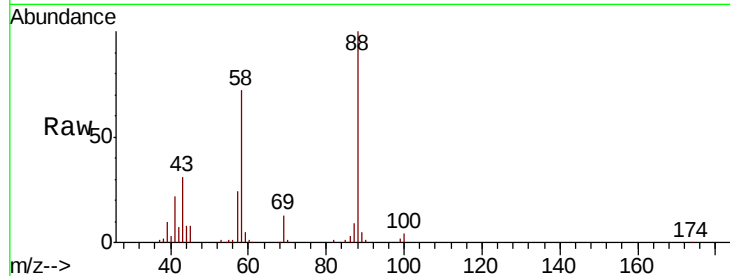




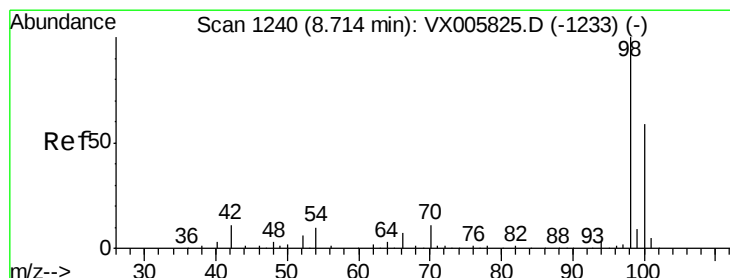
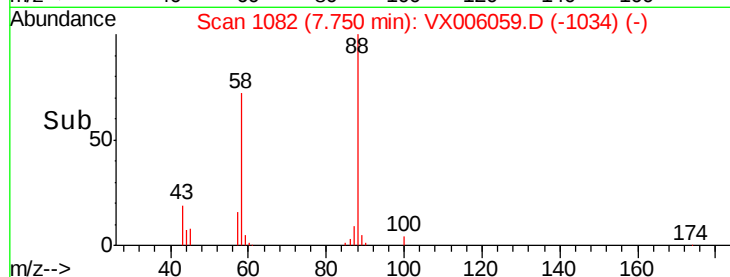
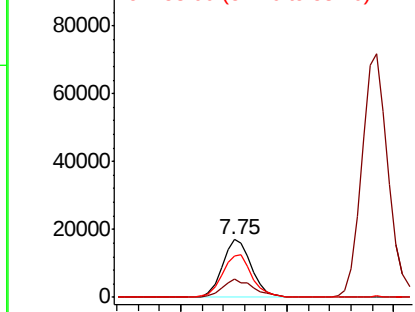
#49
1,4-Dioxane
Concen: 1067.902 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 32505
Ion Ratio Lower Upper
88 100
43 34.1 27.4 41.0
58 74.8 59.4 89.2

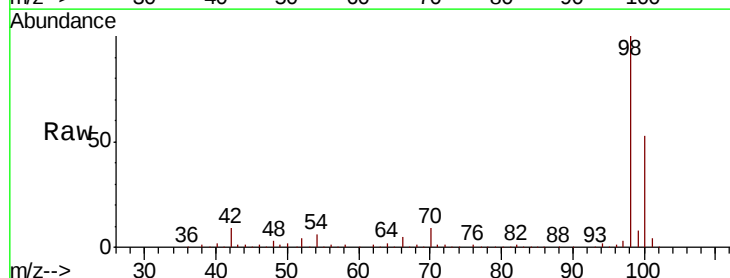


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

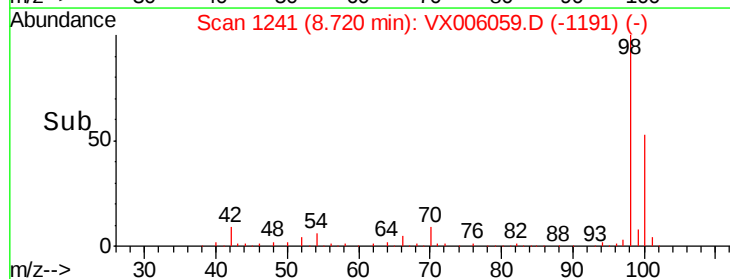
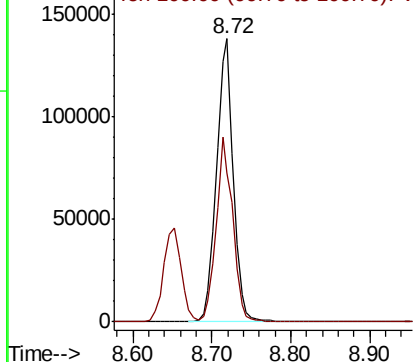


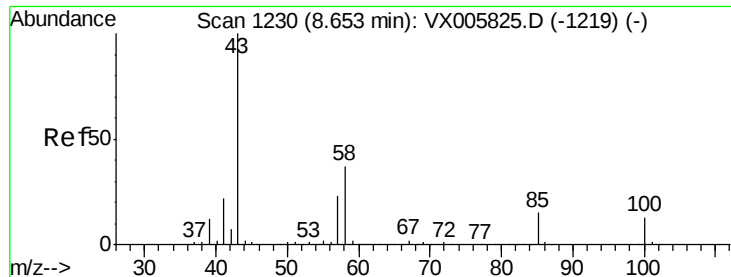
#50
Toluene-d8
Concen: 52.839 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 98 Resp: 204616
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



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: 254.911 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

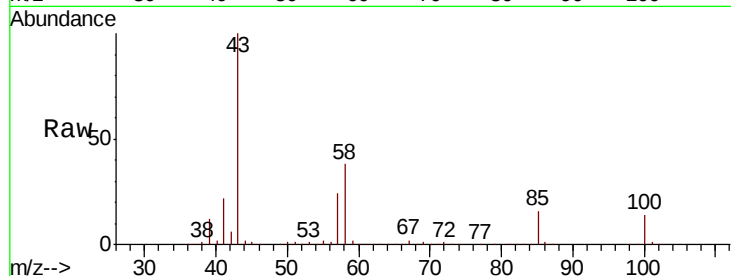
VSTDCCC050EC

Tot Ion: 43 Resp: 505393

Ion Ratio Lower Upper

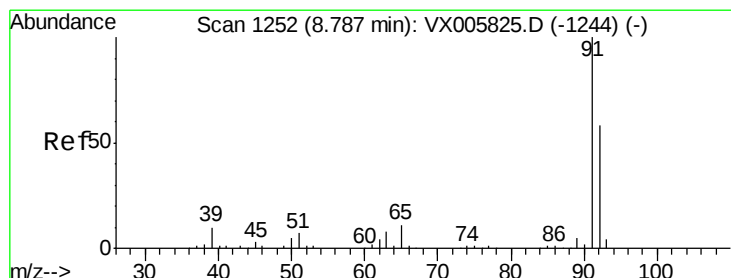
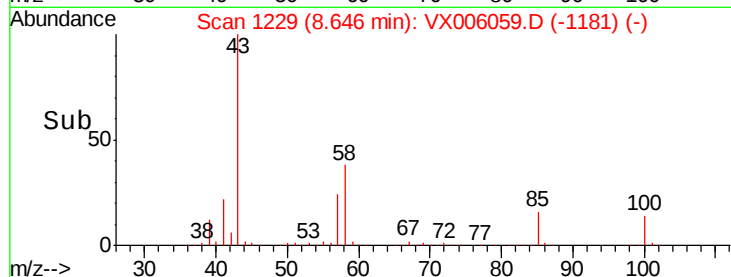
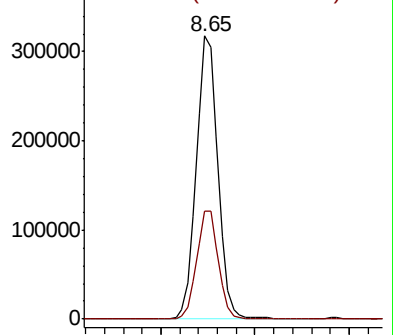
43 100

58 38.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.984 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006059.D

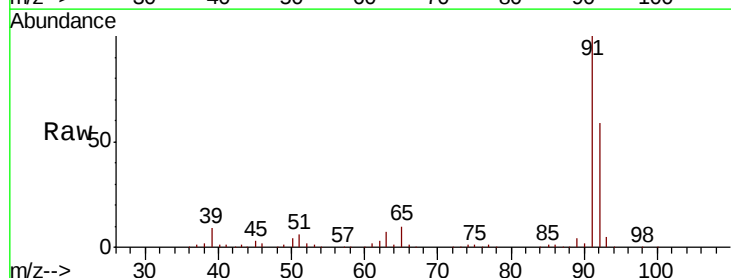
Acq: 16 Nov 2018 19:21

Tgt Ion: 92 Resp: 139829

Ion Ratio Lower Upper

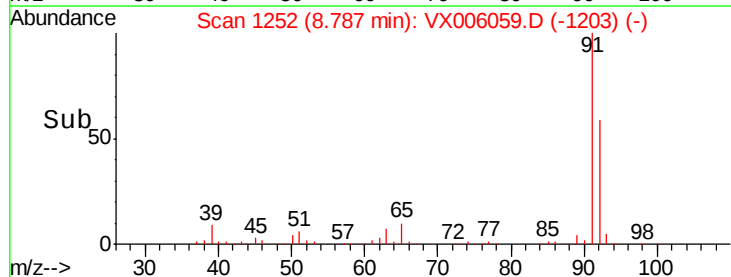
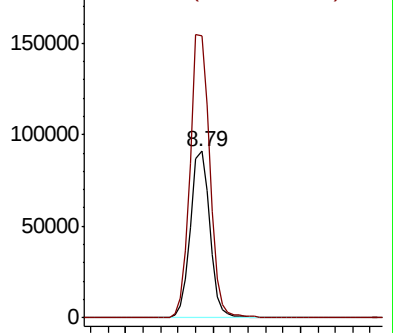
92 100

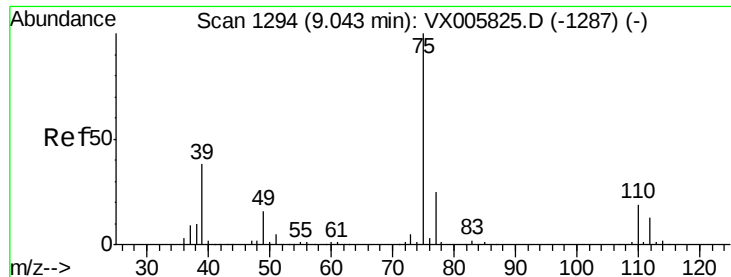
91 172.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

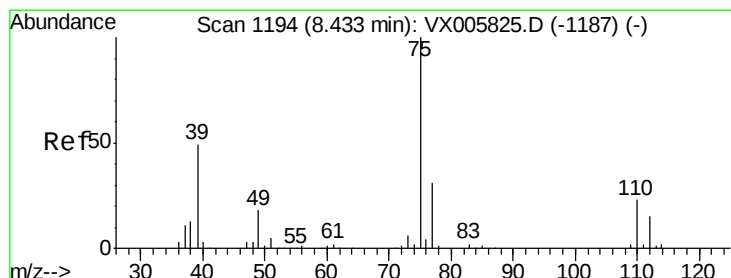
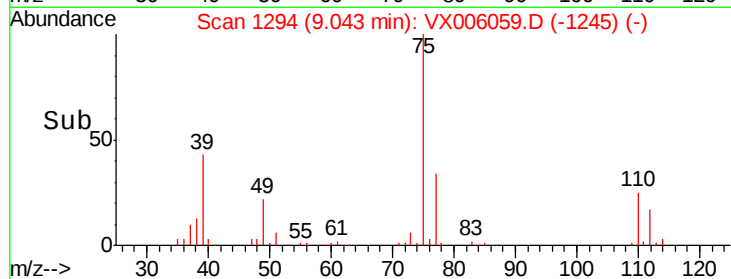
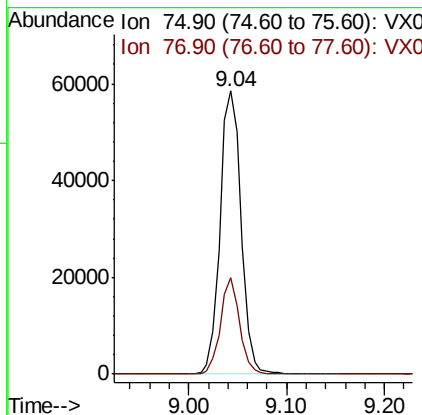
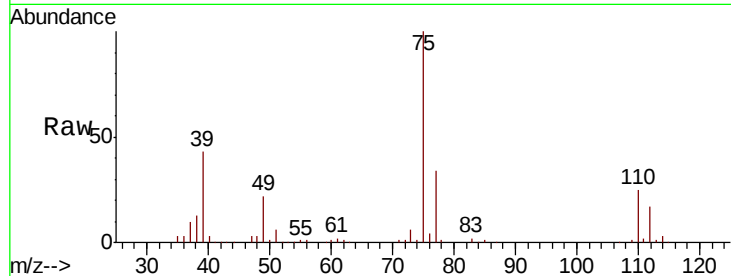




#53
 t-1,3-Dichloropropene
 Concen: 53.316 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

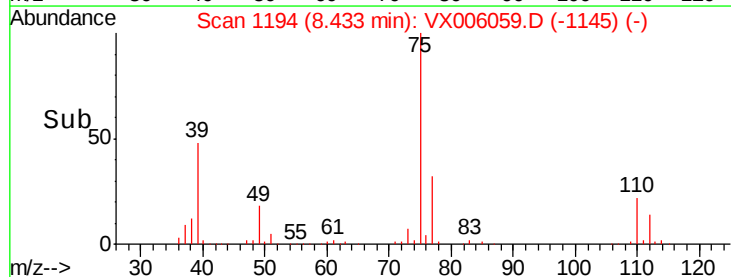
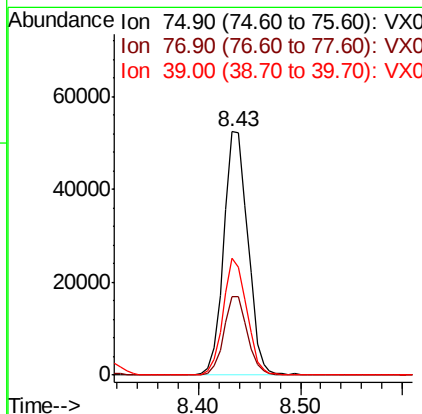
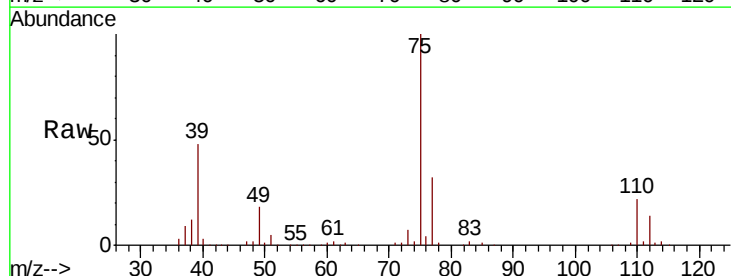
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

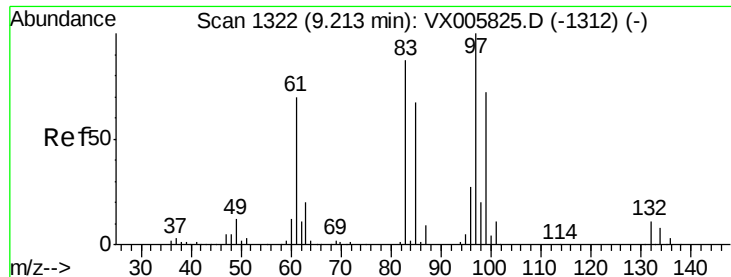
Tot Ion: 75 Resp: 87162
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.716 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion: 75 Resp: 86175
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8
 39 47.7 38.2 57.2



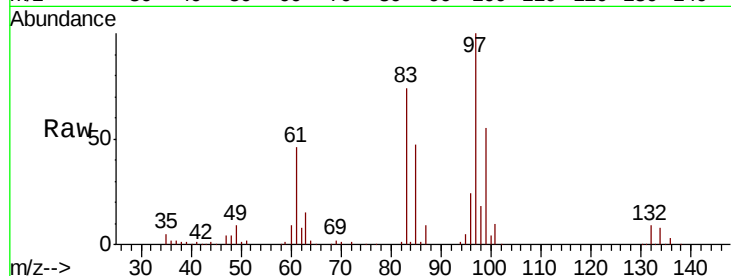


#55
 1,1,2-Trichloroethane
 Concen: 56.719 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

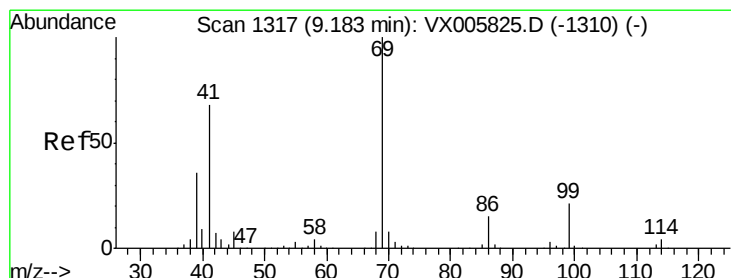
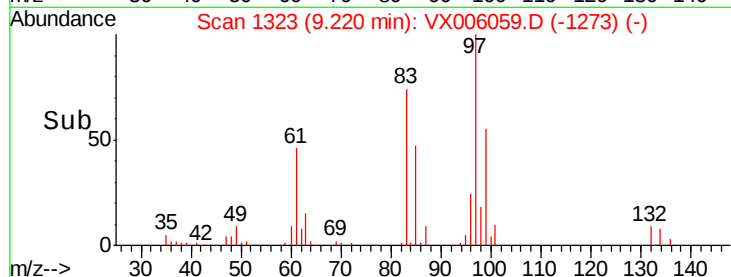
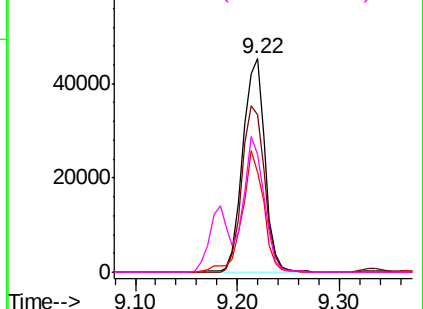
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 67995

Ion	Ratio	Lower	Upper
97	100		
83	74.0	70.7	106.1
85	46.6	45.8	68.6
99	55.0	51.8	77.8



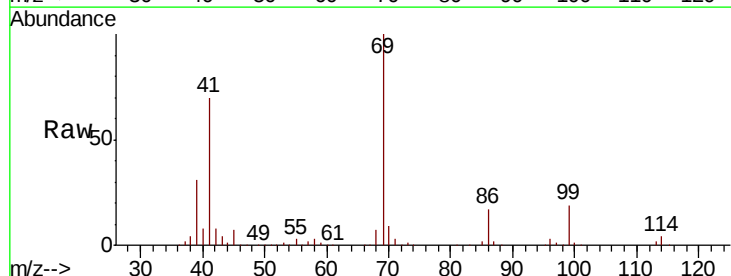
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



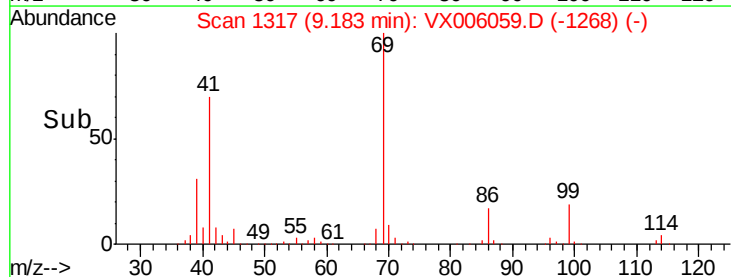
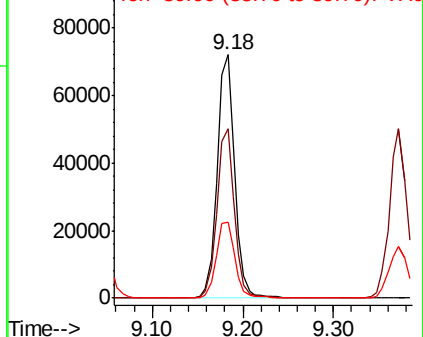
#56
 Ethyl methacrylate
 Concen: 53.843 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

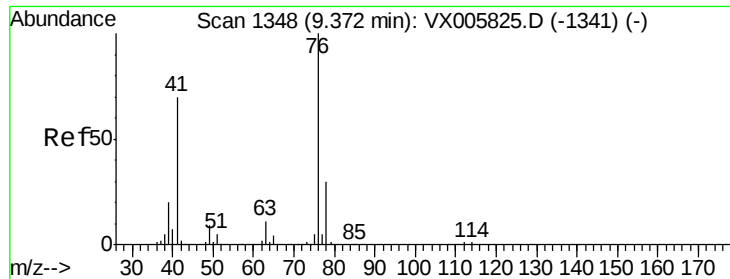
Tgt Ion: 69 Resp: 96579

Ion	Ratio	Lower	Upper
69	100		
41	69.6	57.0	85.6
39	33.4	28.3	42.5



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





#57

1,3-Dichloropropane

Concen: 53.923 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

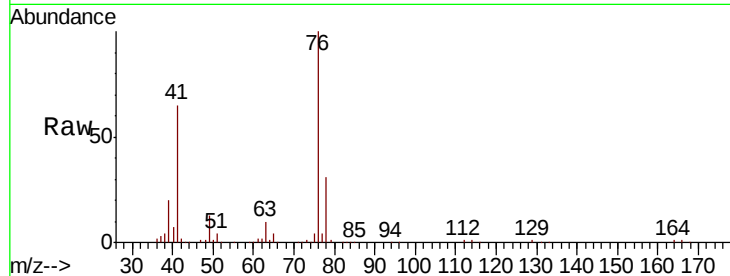
VSTDCCC050EC

Tot Ion: 76 Resp: 108633

Ion Ratio Lower Upper

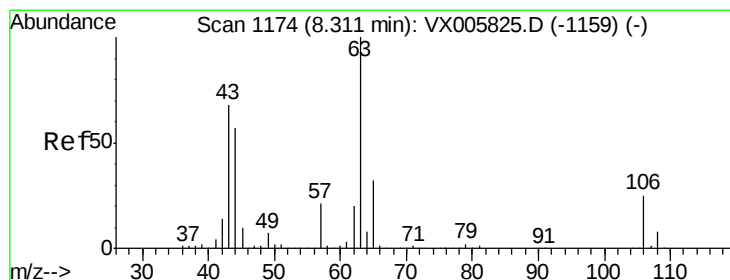
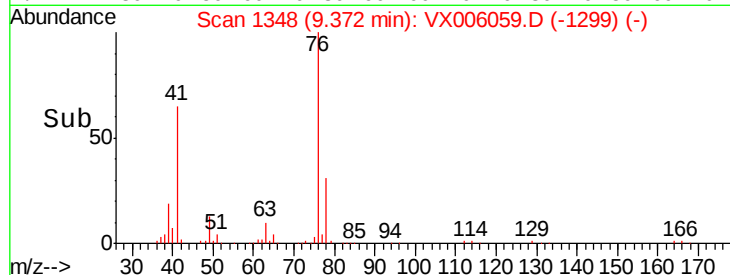
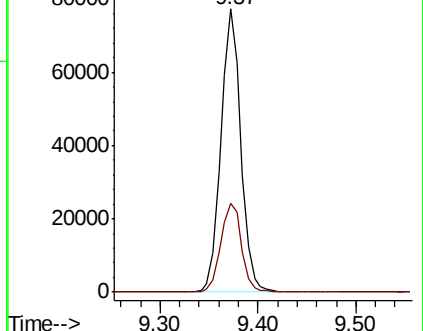
76 100

78 32.8 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 250.334 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006059.D

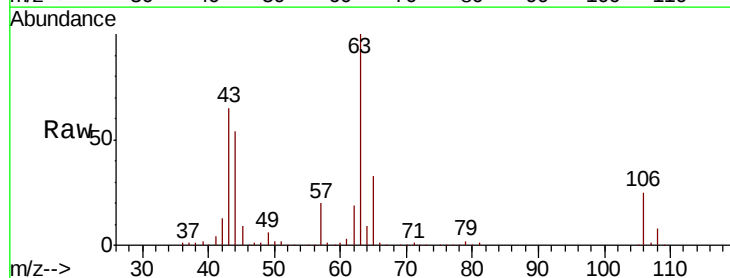
Acq: 16 Nov 2018 19:21

Tgt Ion: 63 Resp: 244687

Ion Ratio Lower Upper

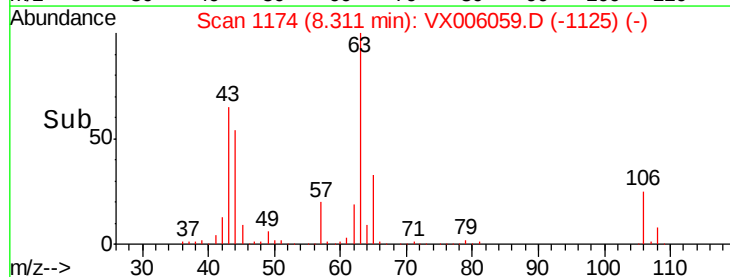
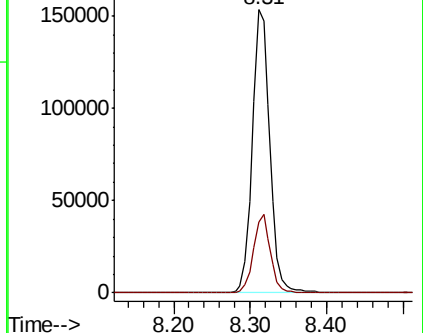
63 100

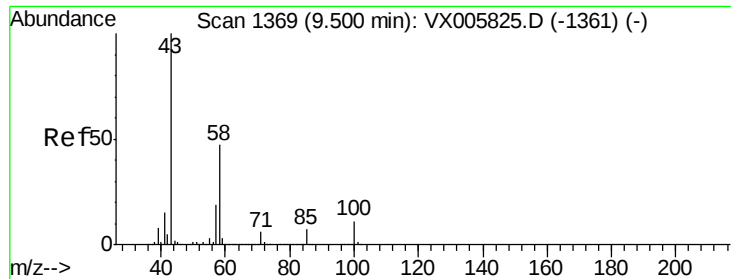
106 26.7 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

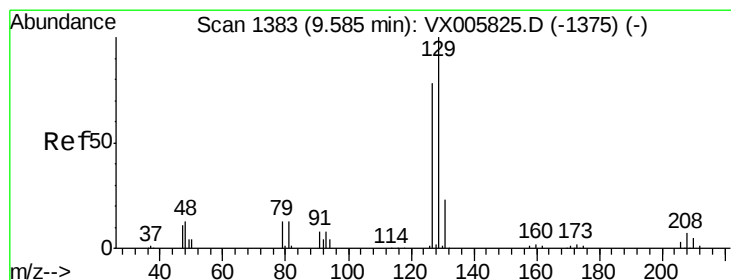
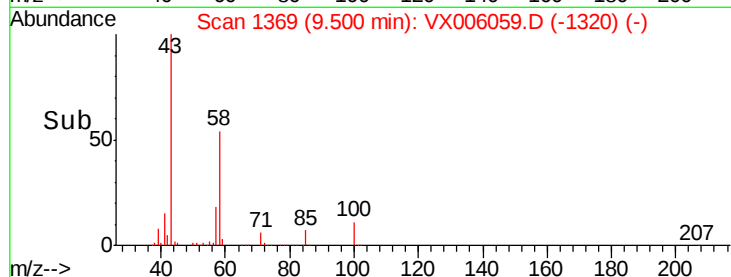
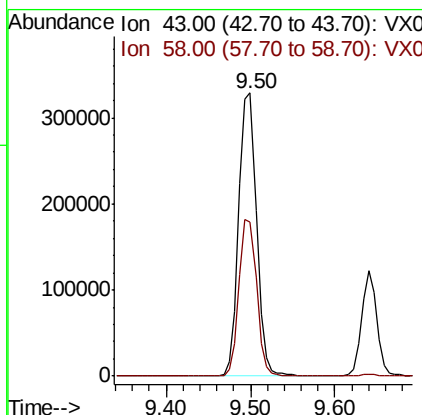
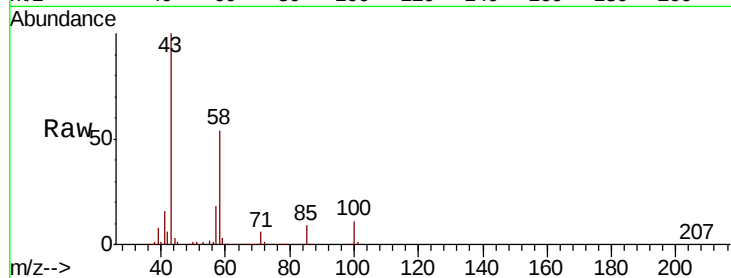




#59
2-Hexanone
Concen: 266.746 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

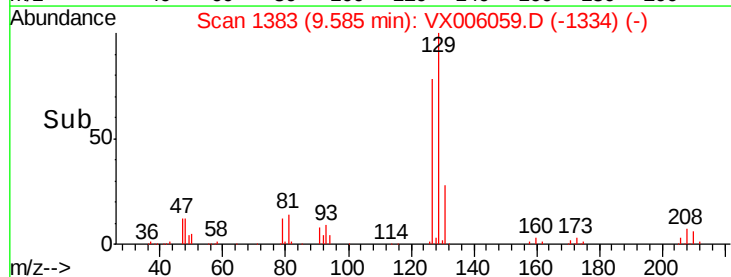
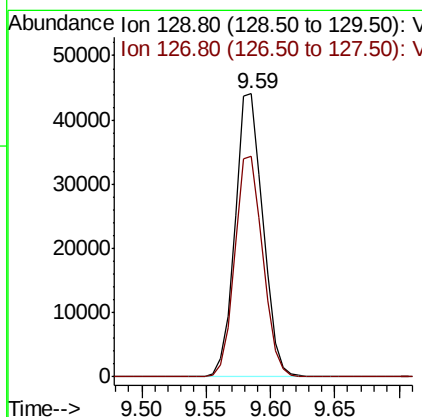
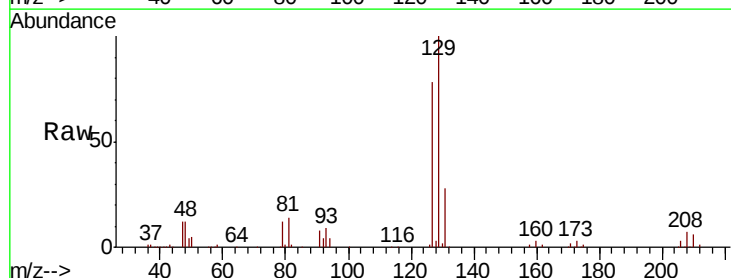
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

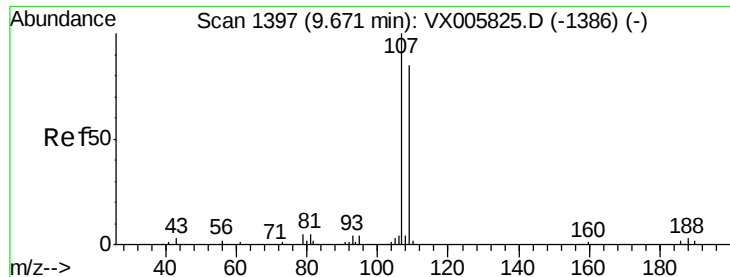
Tot Ion: 43 Resp: 466164
Ion Ratio Lower Upper
43 100
58 55.3 25.9 77.8



#60
Dibromochloromethane
Concen: 51.170 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion:129 Resp: 66295
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7

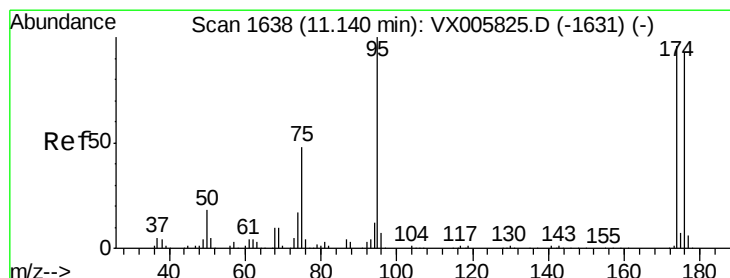
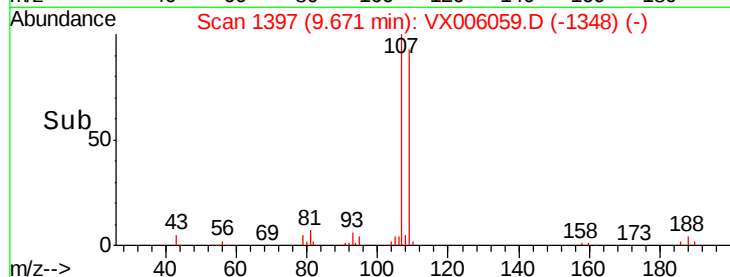
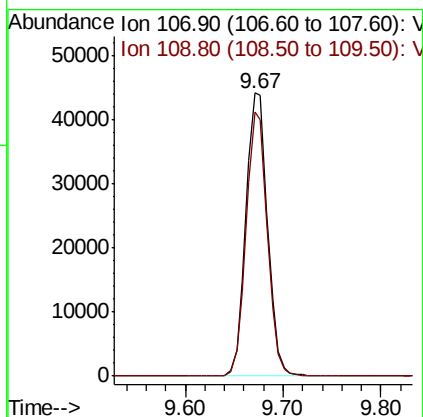
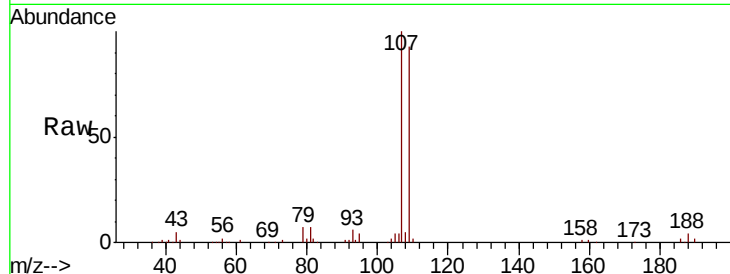




#61
 1,2-Dibromoethane
 Concen: 51.110 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

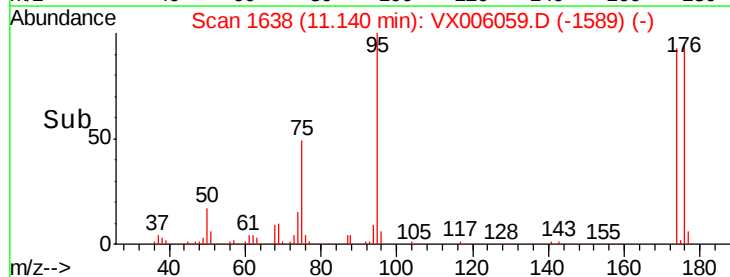
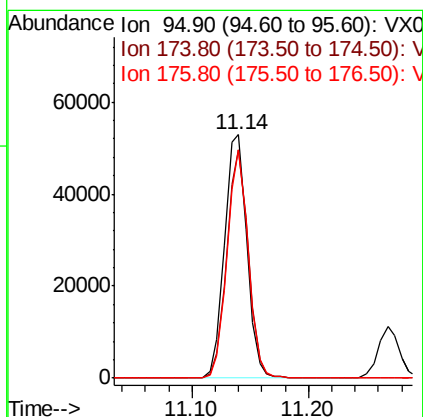
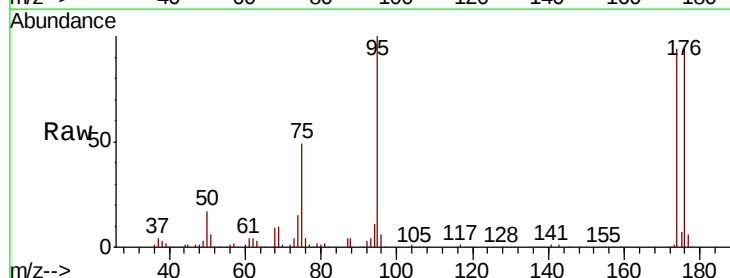
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

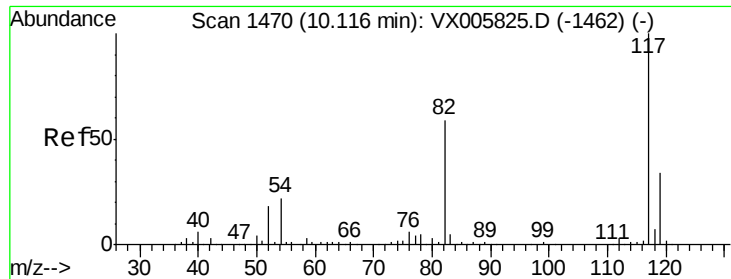
Tot Ion:107 Resp: 67751
 Ion Ratio Lower Upper
 107 100
 109 91.7 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.658 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion: 95 Resp: 70530
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 184.4
 176 88.7 0.0 177.4

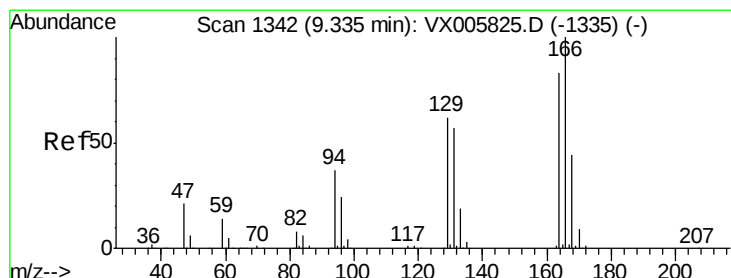
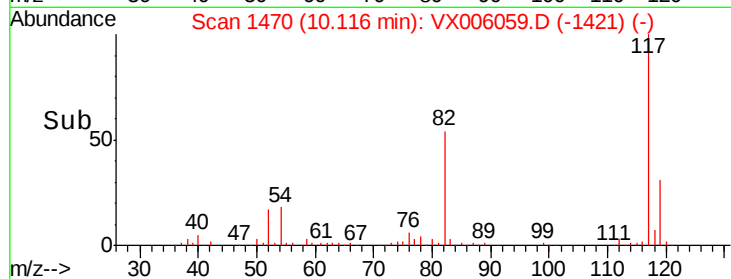
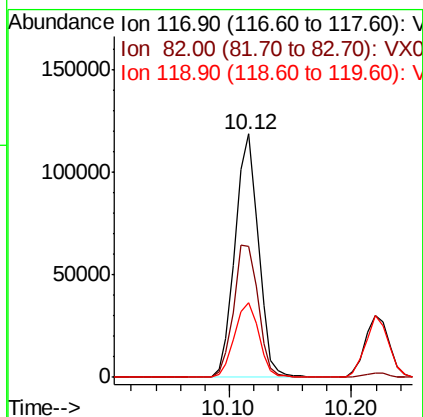
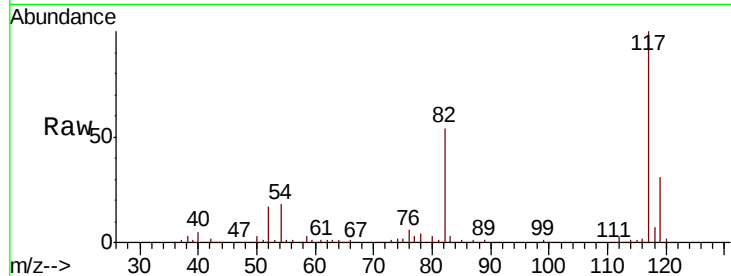




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

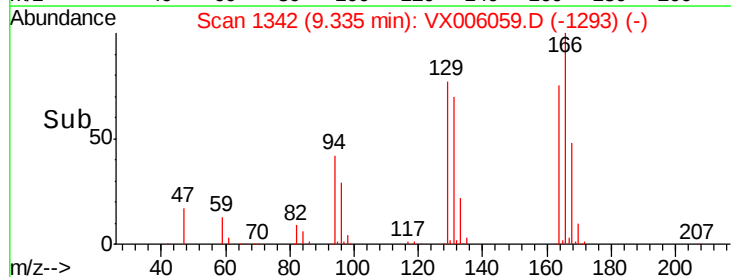
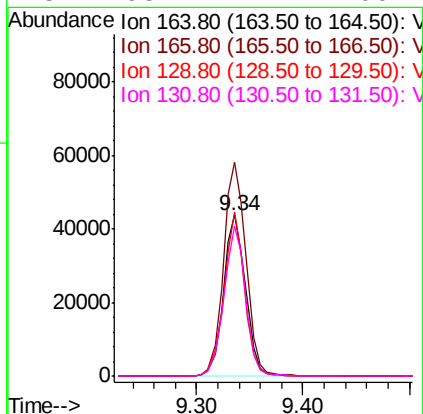
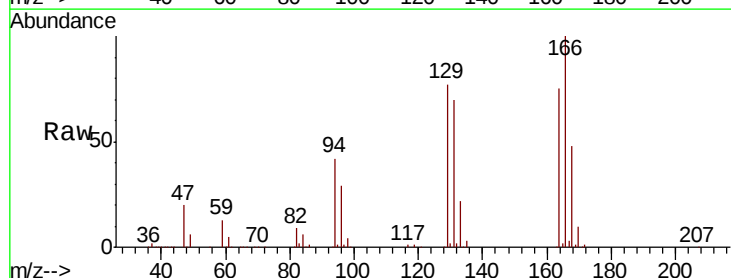
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

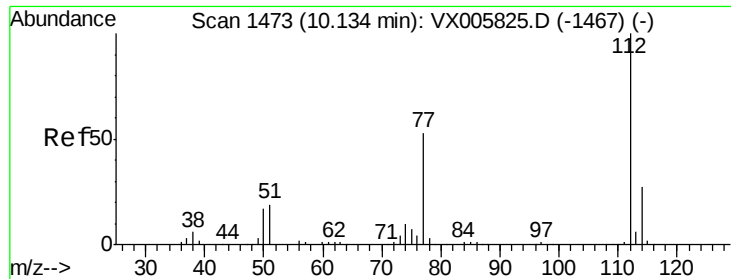
Tot Ion:117 Resp: 156295
Ion Ratio Lower Upper
117 100
82 53.5 44.1 66.1
119 30.8 26.2 39.2



#64
Tetrachloroethene
Concen: 47.424 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion:164 Resp: 63107
Ion Ratio Lower Upper
164 100
166 132.7 101.9 152.9
129 101.6 72.6 109.0
131 93.2 71.1 106.7

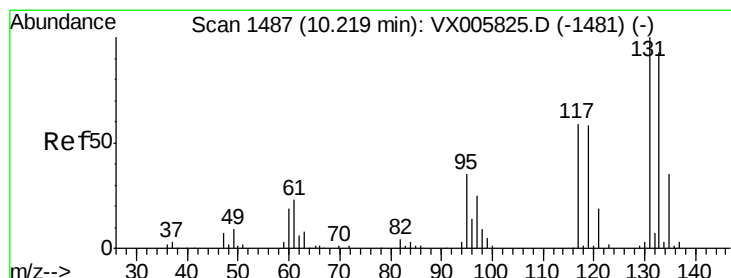
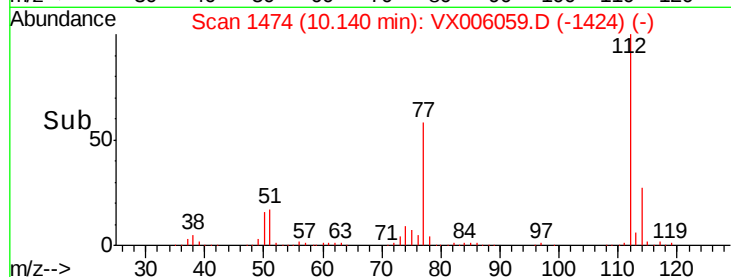
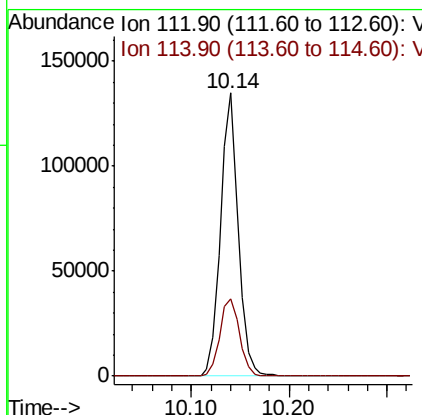
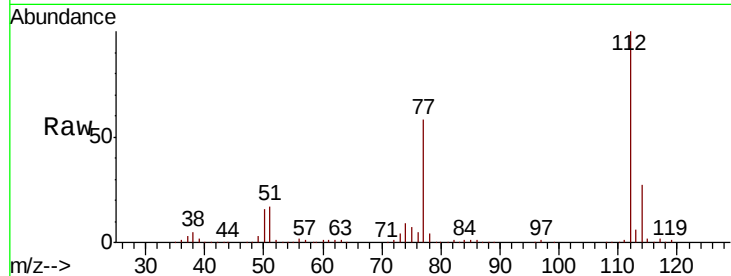




#65
Chlorobenzene
Concen: 53.949 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

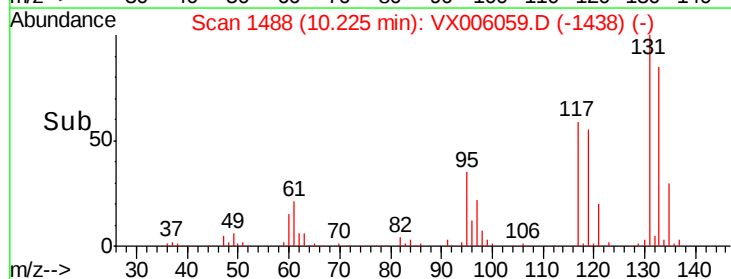
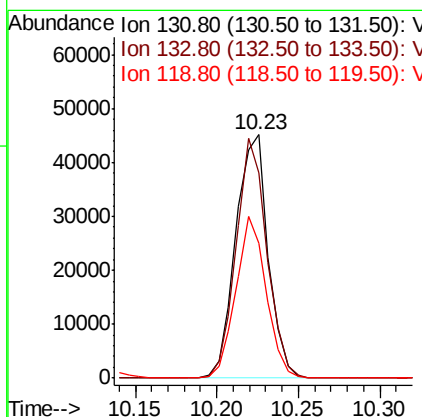
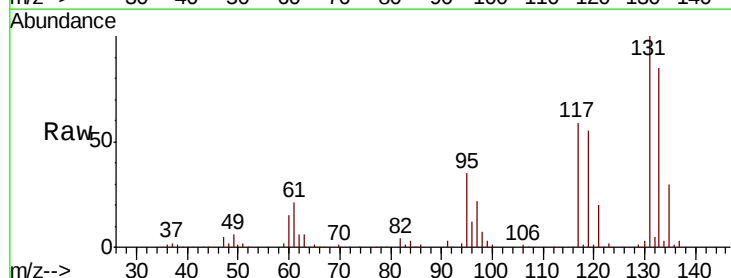
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

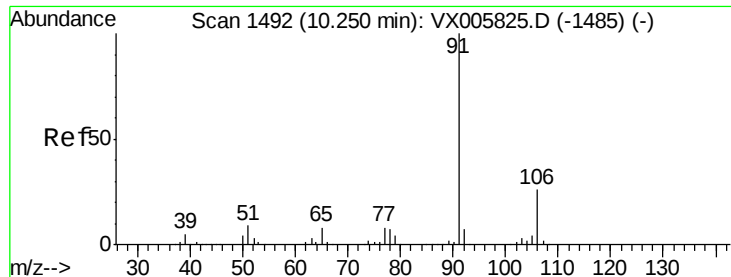
Tot Ion:112 Resp: 168920
Ion Ratio Lower Upper
112 100
114 27.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.212 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion:131 Resp: 62278
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.5
119 62.5 31.8 95.3

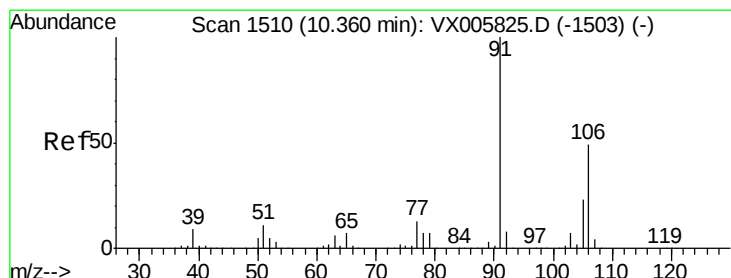
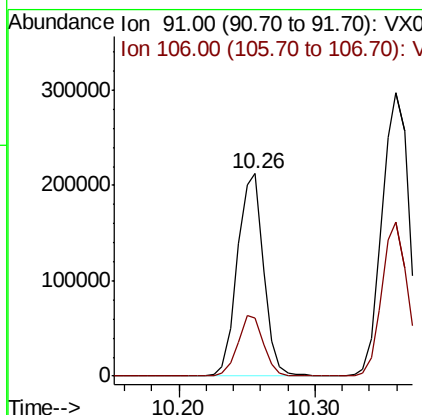
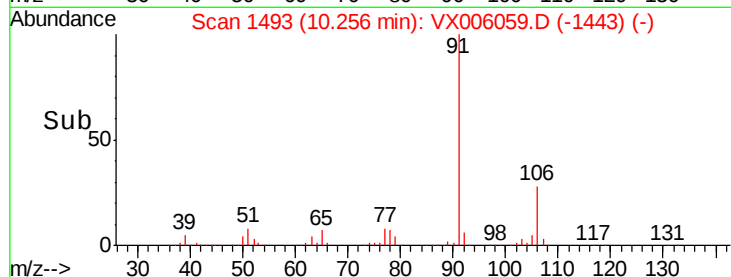
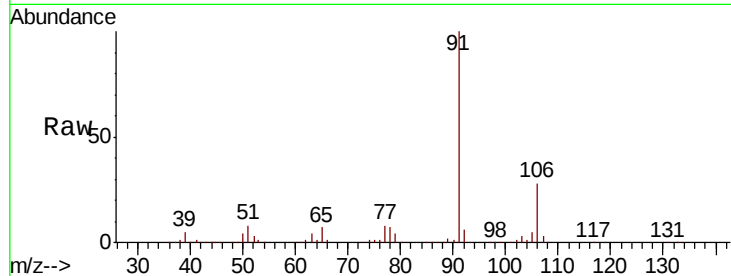




#67
Ethyl Benzene
Concen: 56.805 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

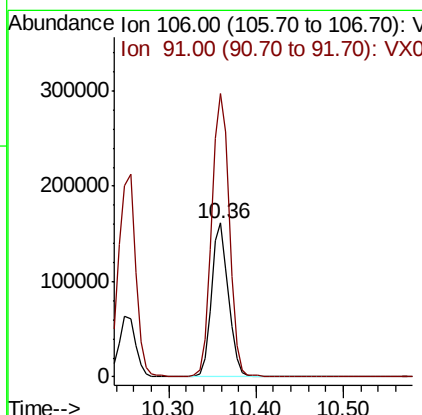
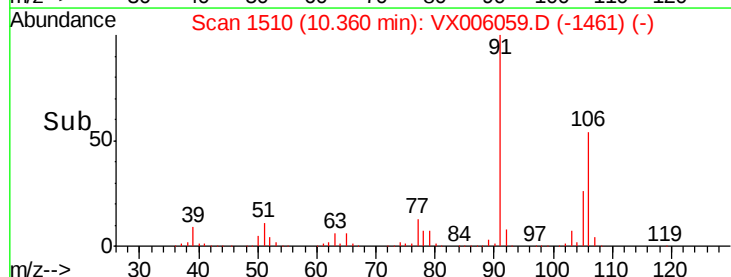
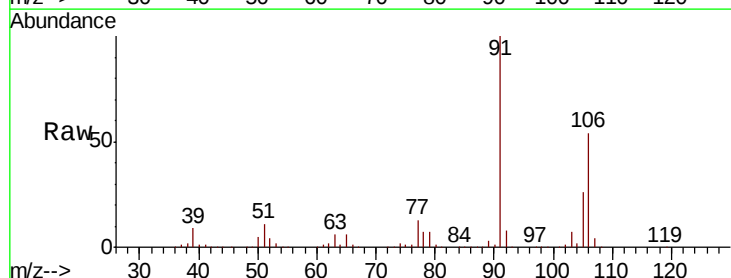
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

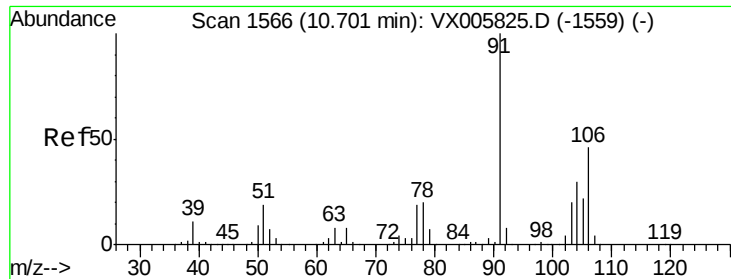
Tot Ion: 91 Resp: 285205
Ion Ratio Lower Upper
91 100
106 28.4 24.4 36.6



#68
m/p-Xylenes
Concen: 112.594 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 106 Resp: 215630
Ion Ratio Lower Upper
106 100
91 193.6 164.2 246.4

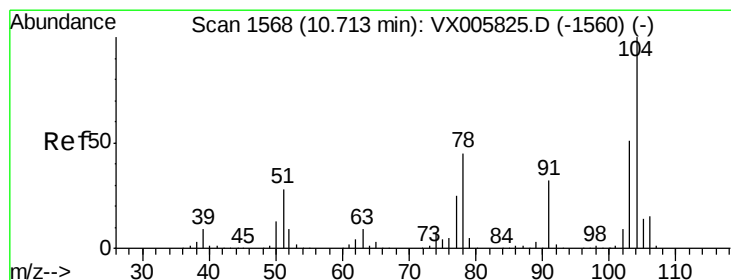
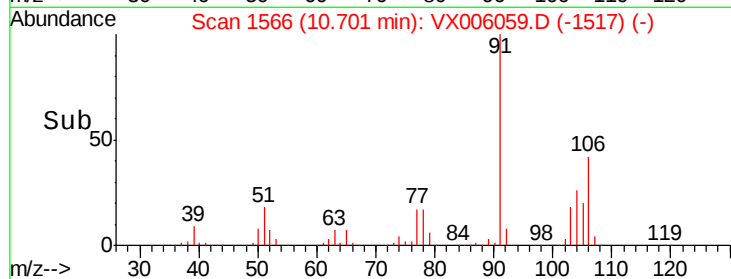
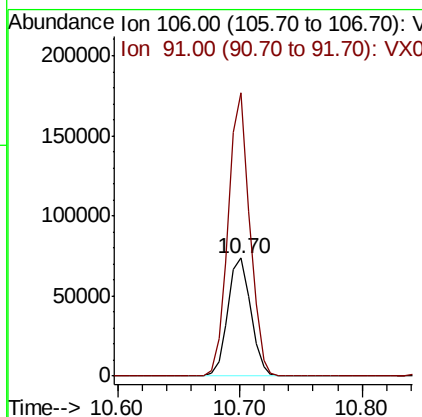
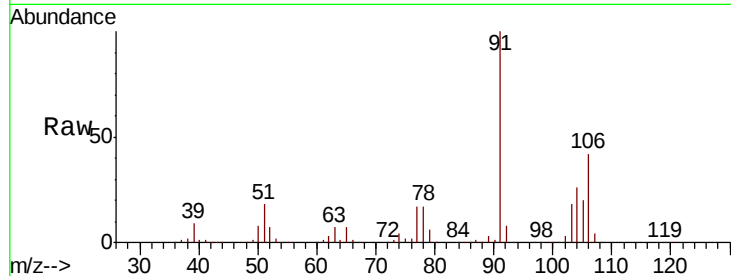




#69
o-Xylene
Concen: 55.684 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

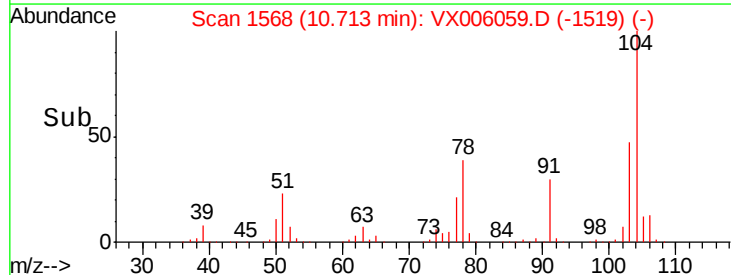
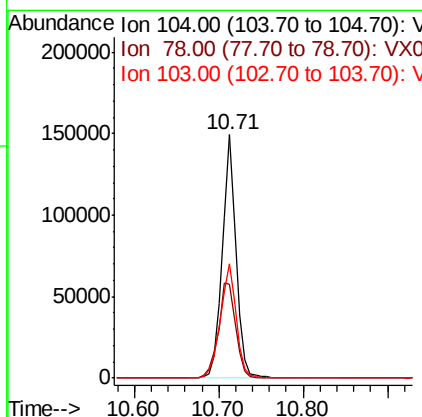
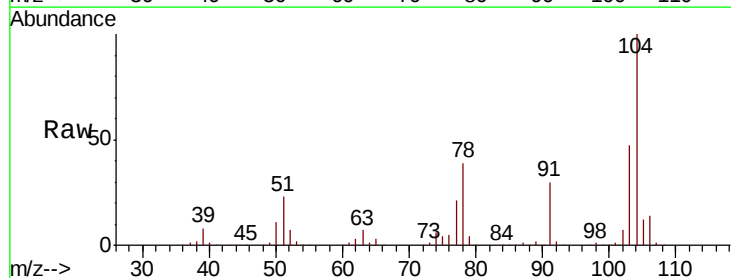
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

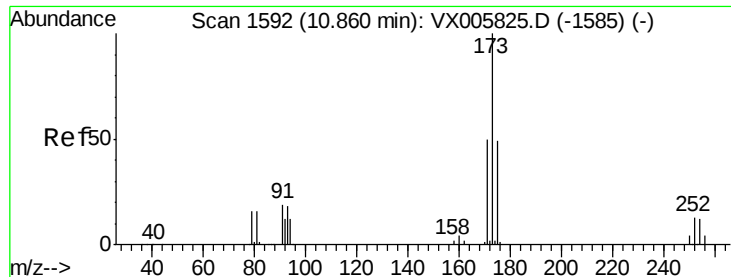
Tot Ion:106 Resp: 95626
Ion Ratio Lower Upper
106 100
91 225.4 108.5 325.5



#70
Styrene
Concen: 60.042 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion:104 Resp: 170092
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.4
103 54.2 44.9 67.3





#71

Bromoform

Concen: 59.174 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

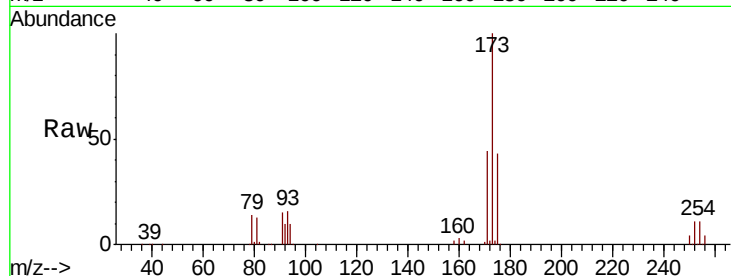
Tot Ion:173 Resp: 53997

Ion Ratio Lower Upper

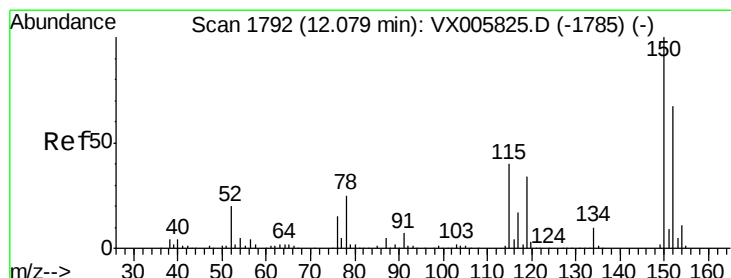
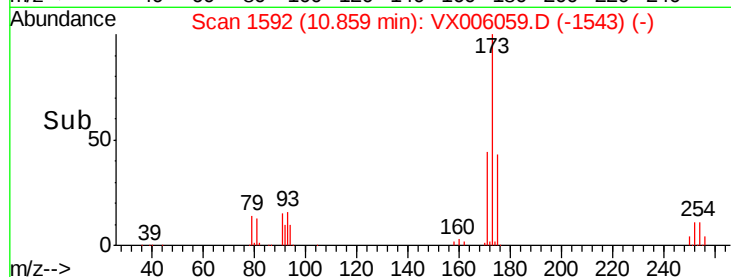
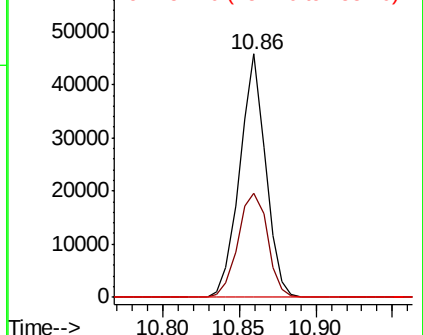
173 100

175 48.6 24.8 74.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

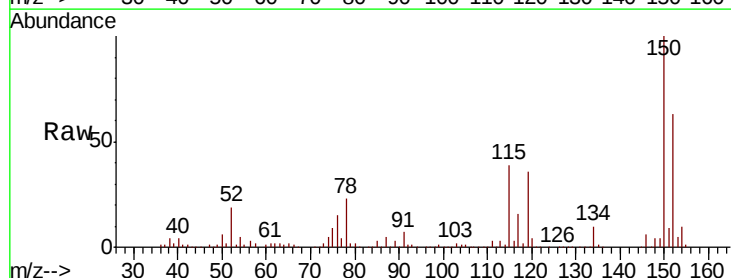
Tgt Ion:152 Resp: 75569

Ion Ratio Lower Upper

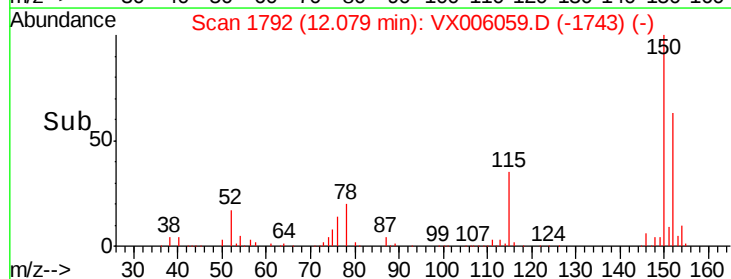
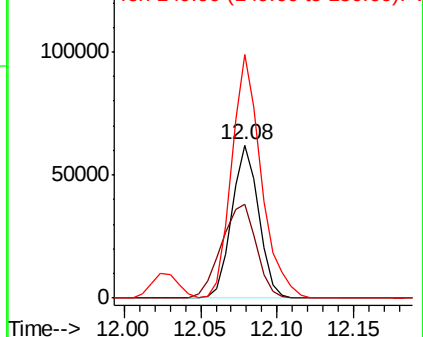
152 100

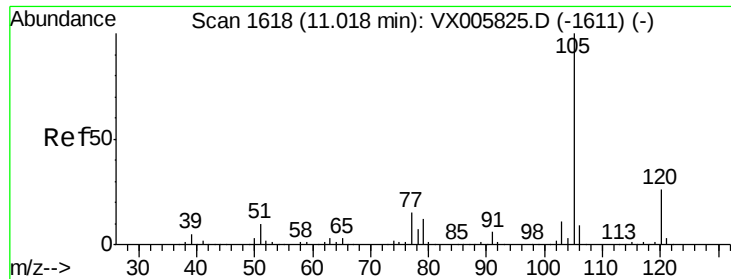
115 79.6 39.4 118.1

150 174.5 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

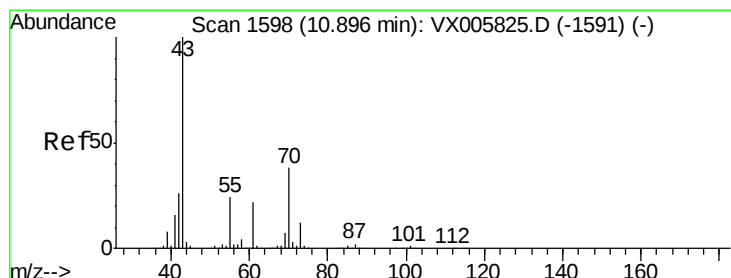
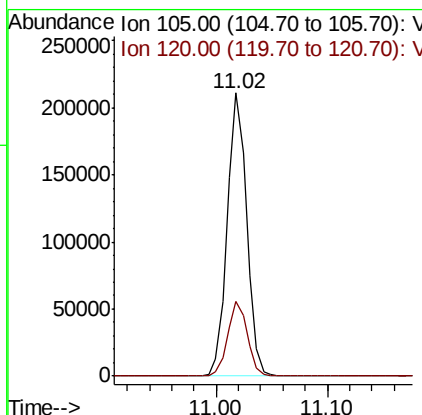
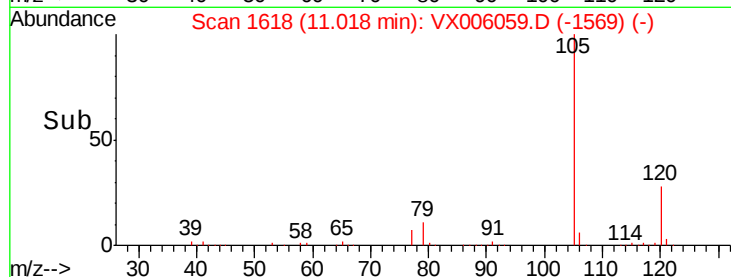
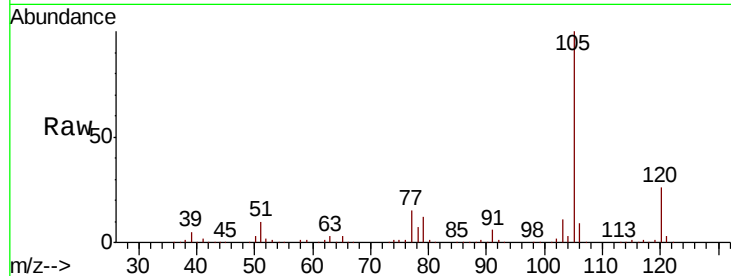




#73
Isopropylbenzene
Concen: 58.373 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

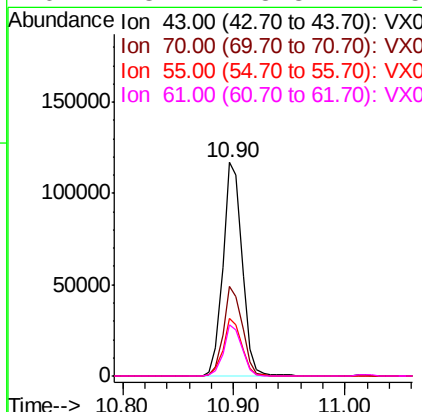
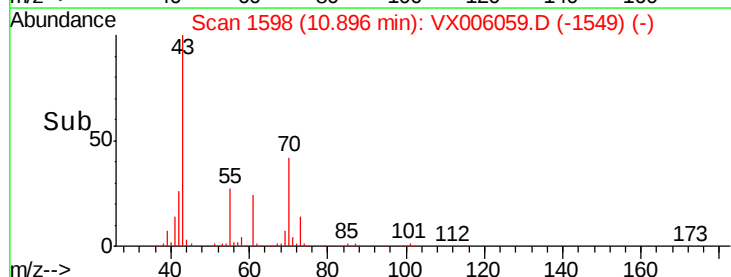
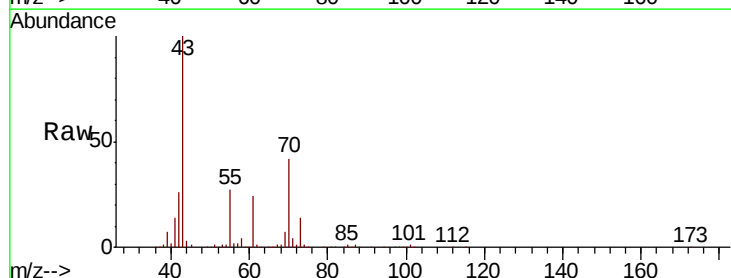
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

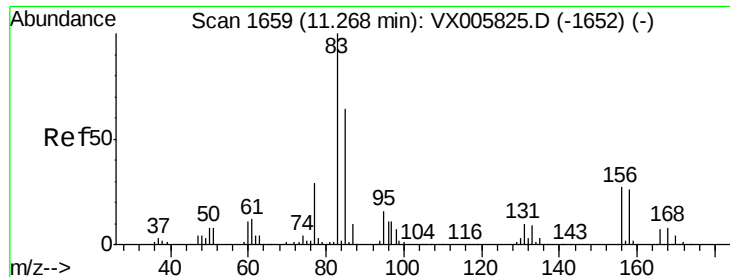
Tot Ion:105 Resp: 255093
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 56.911 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 43 Resp: 139982
Ion Ratio Lower Upper
43 100
70 41.0 31.6 47.4
55 25.9 19.7 29.5
61 23.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 57.132 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

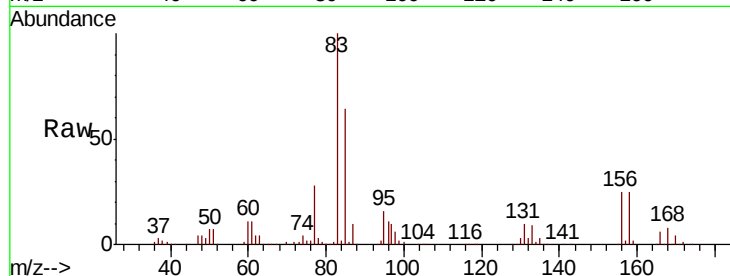
Tot Ion: 83 Resp: 91641

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

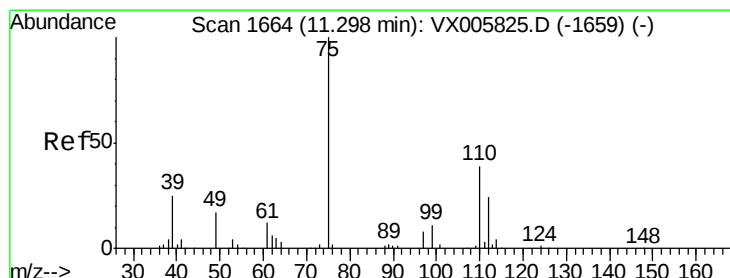
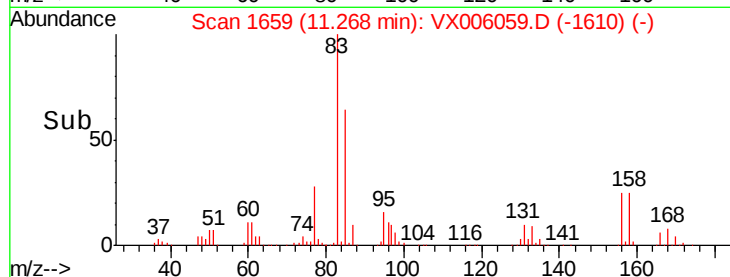
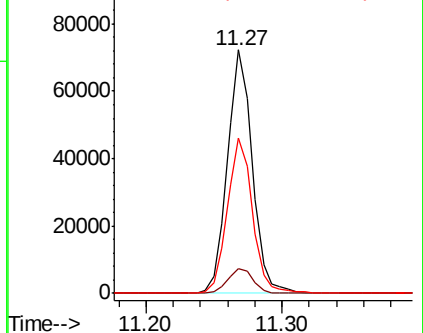
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.585 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006059.D

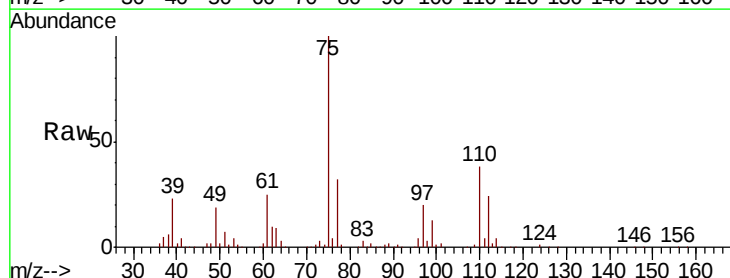
Acq: 16 Nov 2018 19:21

Tgt Ion: 75 Resp: 108613

Ion Ratio Lower Upper

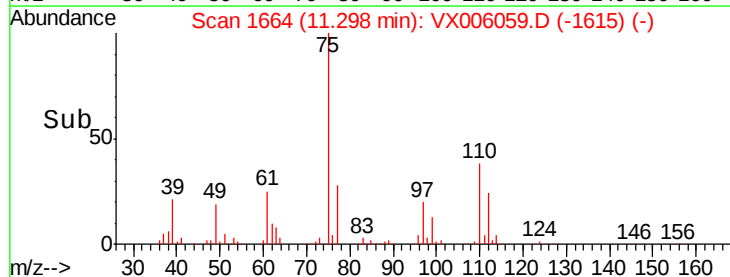
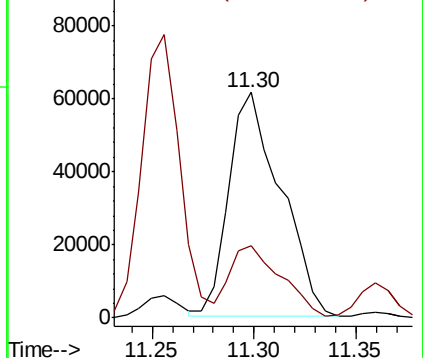
75 100

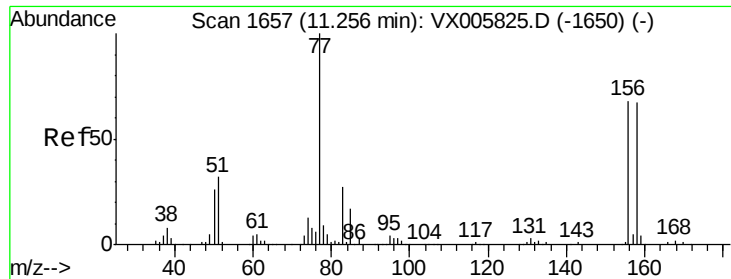
77 31.8 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.165 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

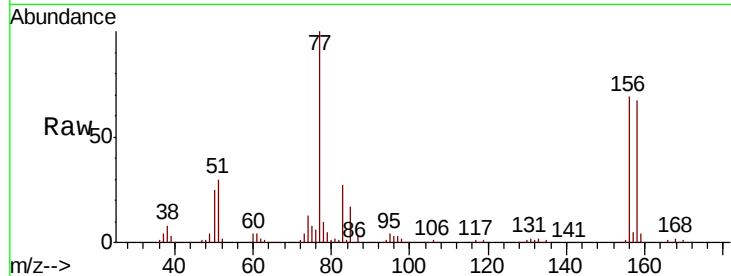
Tot Ion:156 Resp: 67949

Ion Ratio Lower Upper

156 100

77 148.7 74.8 224.4

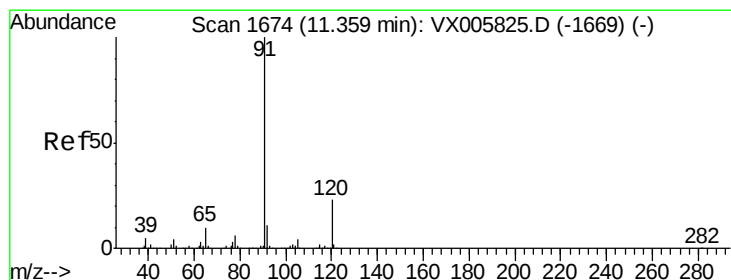
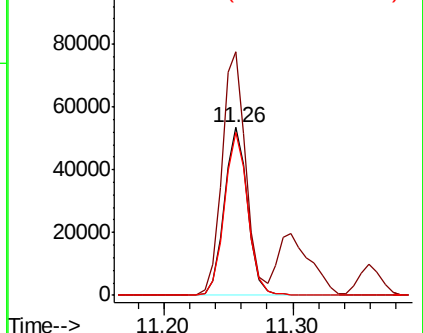
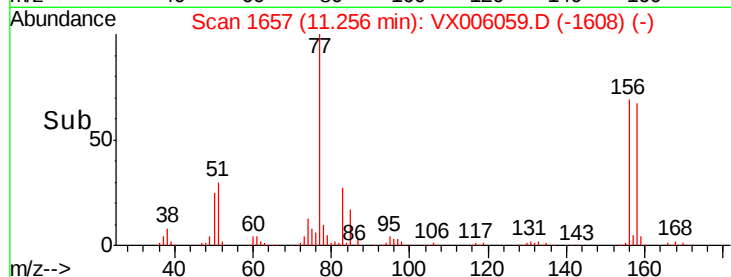
158 97.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.935 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006059.D

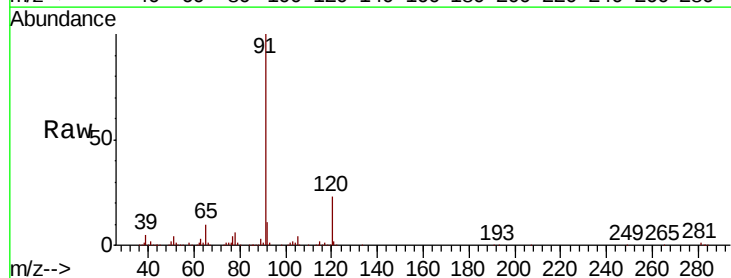
Acq: 16 Nov 2018 19:21

Tgt Ion: 91 Resp: 293230

Ion Ratio Lower Upper

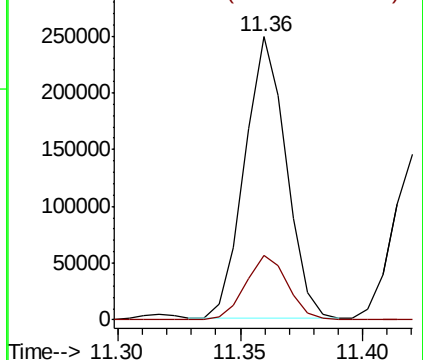
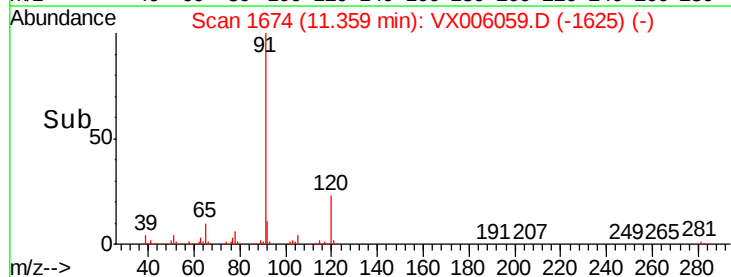
91 100

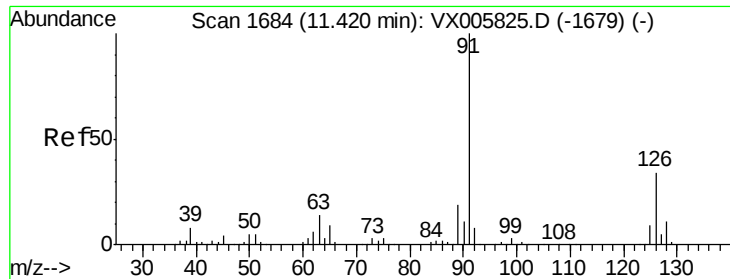
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

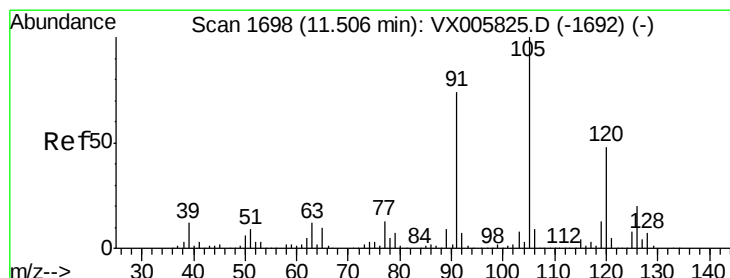
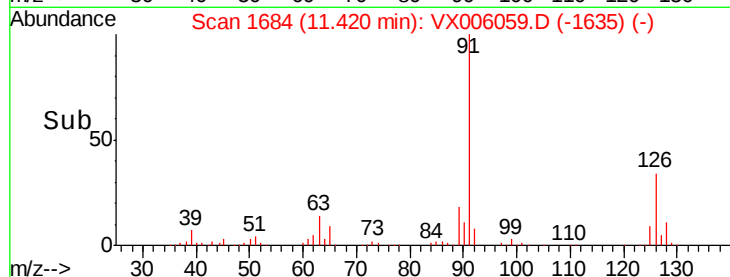
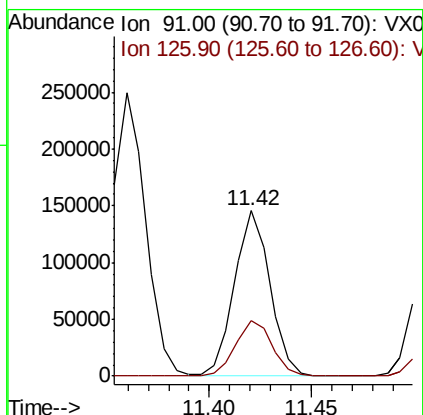
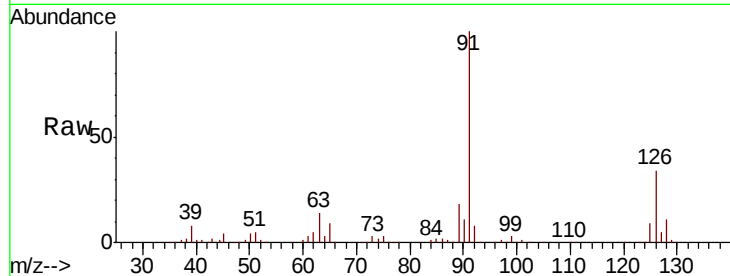




#79
 2-Chlorotoluene
 Concen: 56.071 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

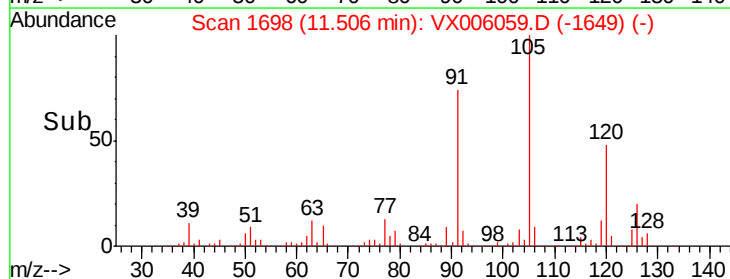
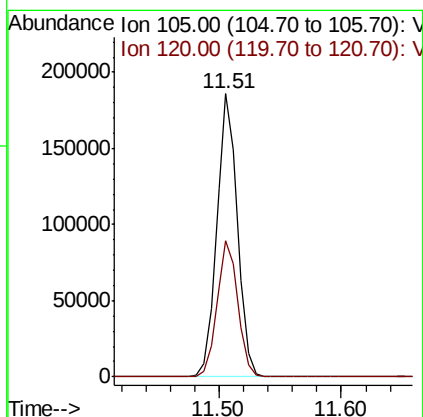
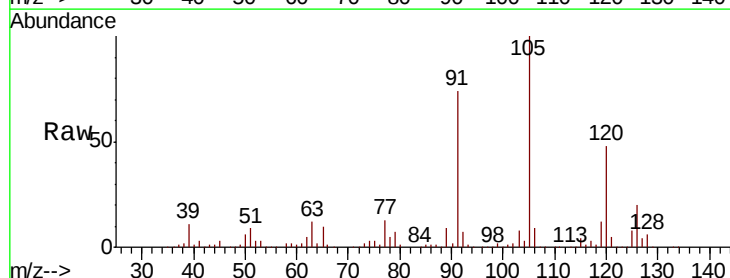
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

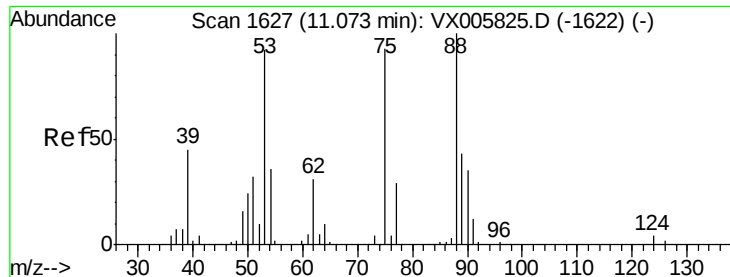
Tot Ion: 91 Resp: 174548
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 58.665 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion: 105 Resp: 217861
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 58.157 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

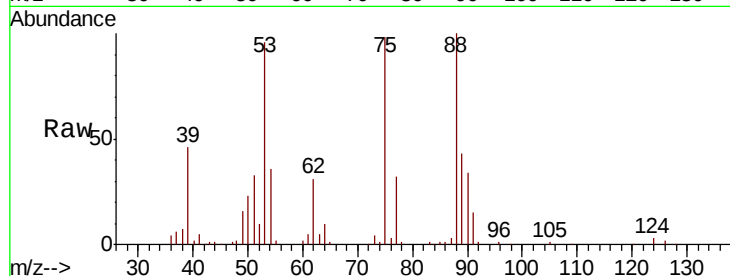
Tot Ion: 75 Resp: 28078

Ion Ratio Lower Upper

75 100

53 95.4 80.2 120.2

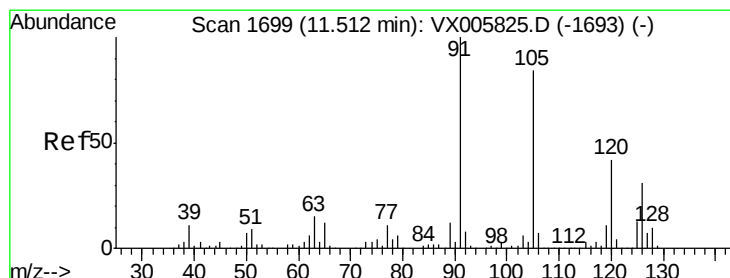
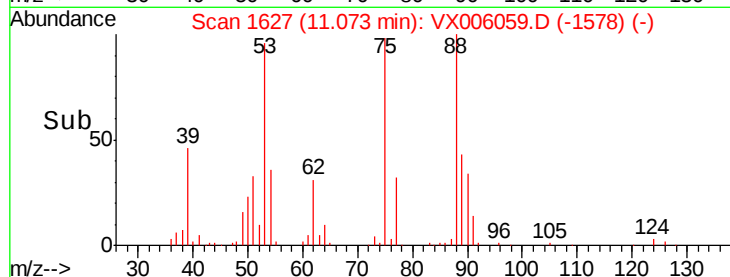
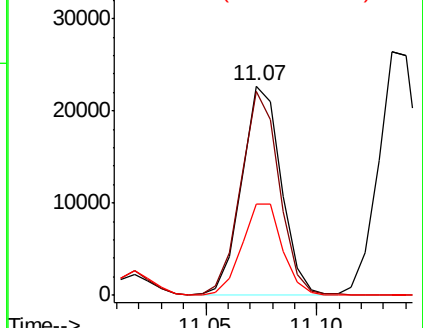
89 44.9 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 56.445 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006059.D

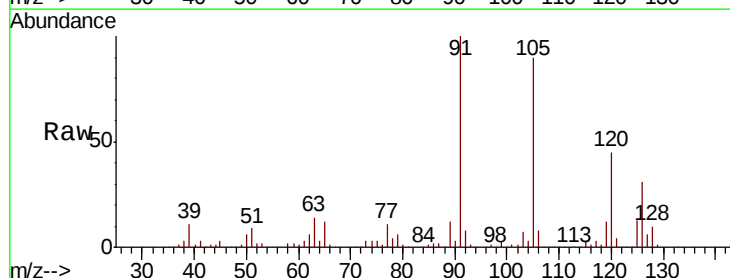
Acq: 16 Nov 2018 19:21

Tgt Ion: 91 Resp: 207086

Ion Ratio Lower Upper

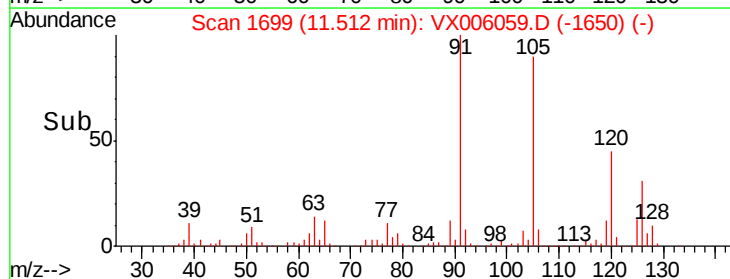
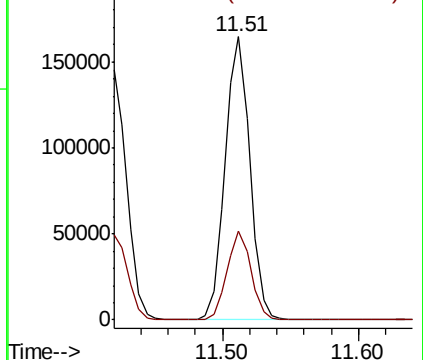
91 100

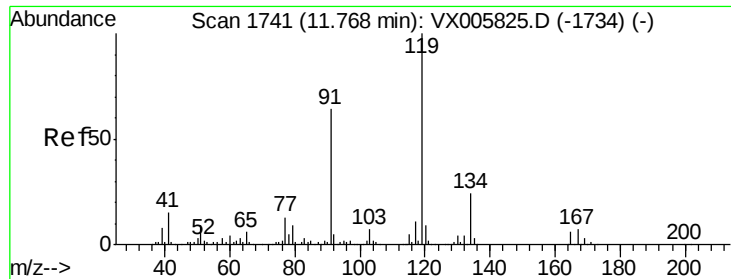
126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 57.641 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX006059.D

Acq: 16 Nov 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

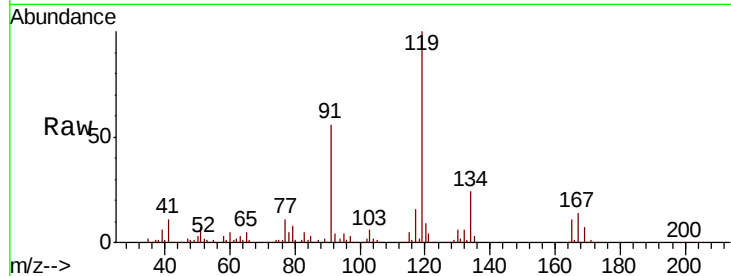
Tot Ion:119 Resp: 216556

Ion Ratio Lower Upper

119 100

91 56.7 28.5 85.5

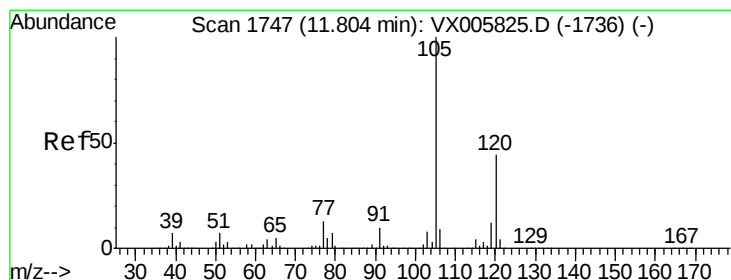
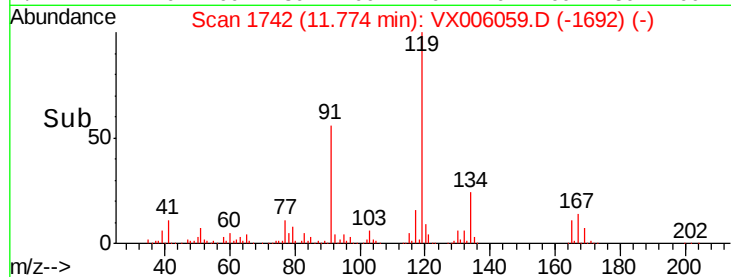
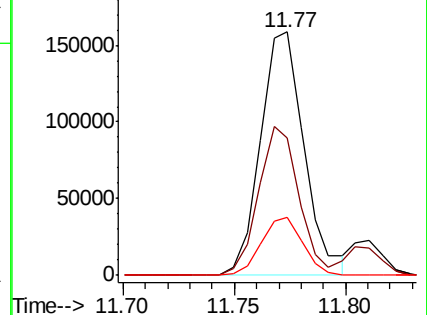
134 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.965 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006059.D

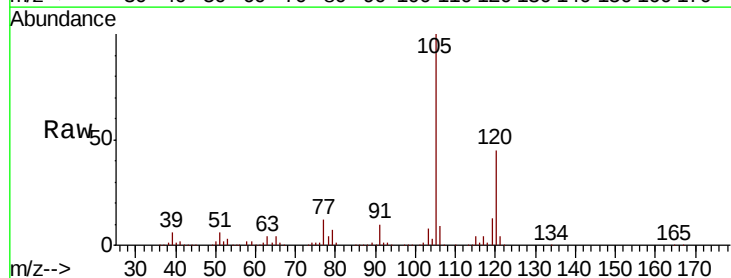
Acq: 16 Nov 2018 19:21

Tgt Ion:105 Resp: 225215

Ion Ratio Lower Upper

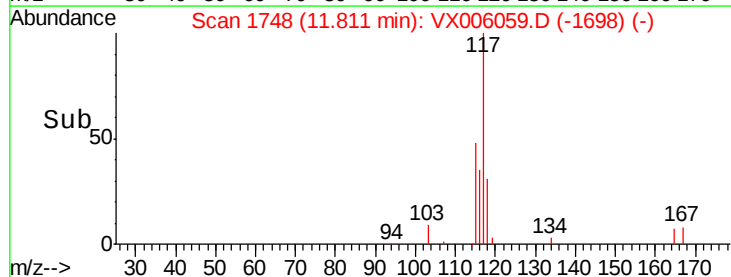
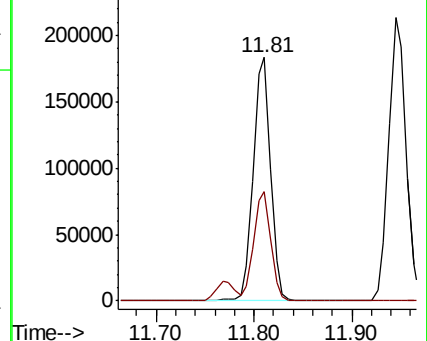
105 100

120 44.4 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

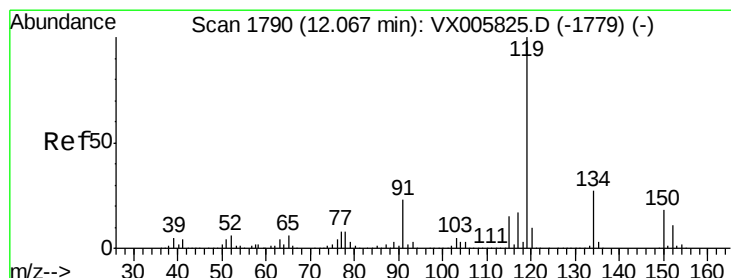
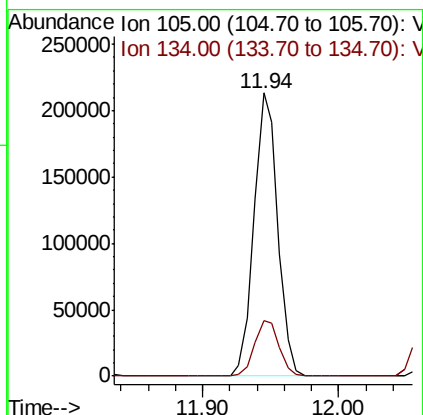
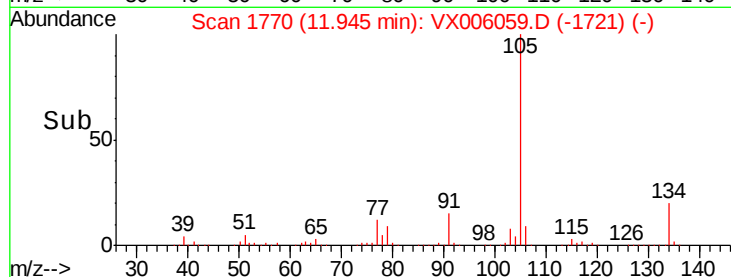
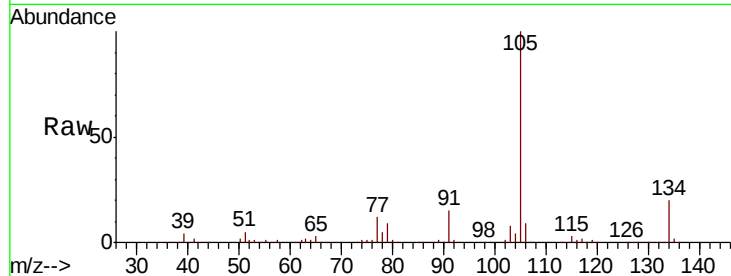




#85
 sec-Butylbenzene
 Concen: 57.001 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

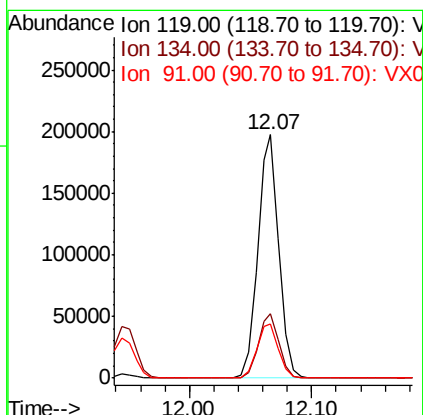
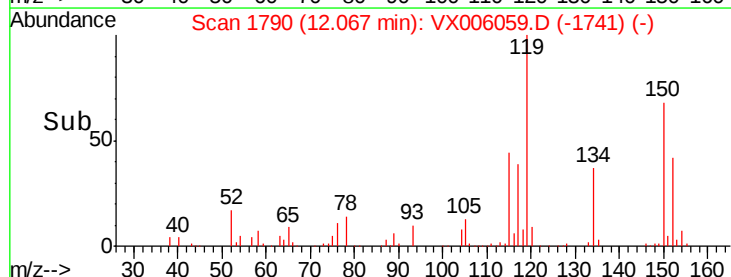
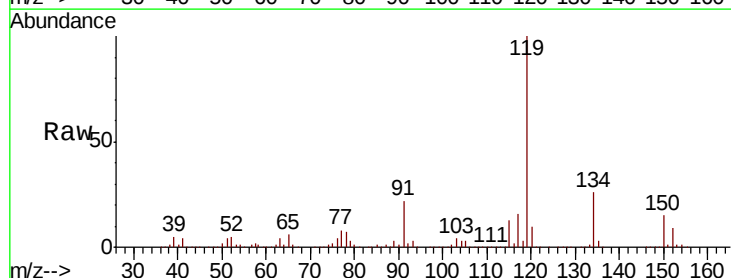
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

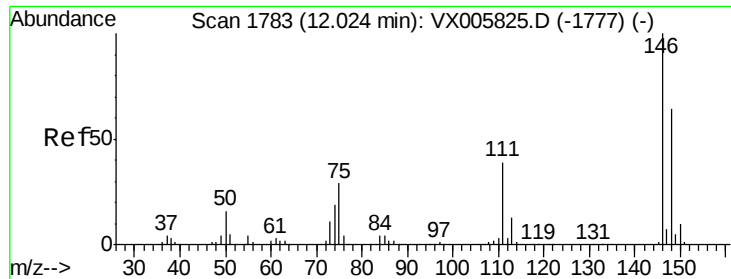
Tot Ion:105 Resp: 261879
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 57.743 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion:119 Resp: 234986
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.1 11.4 34.2

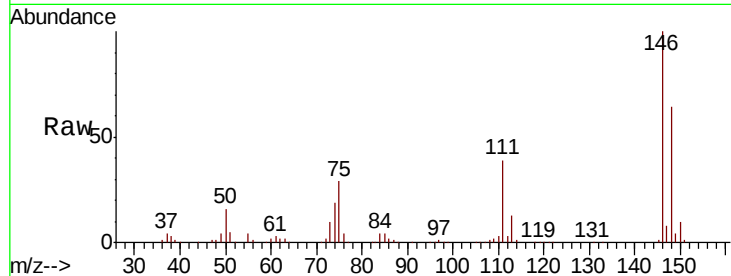




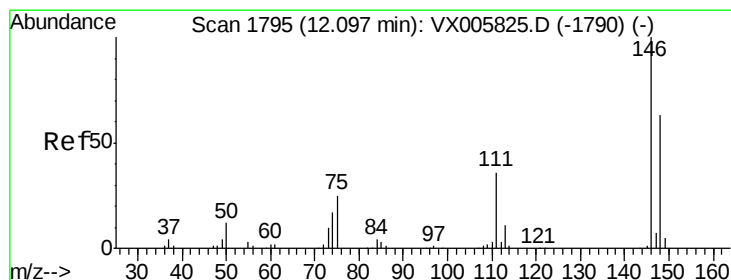
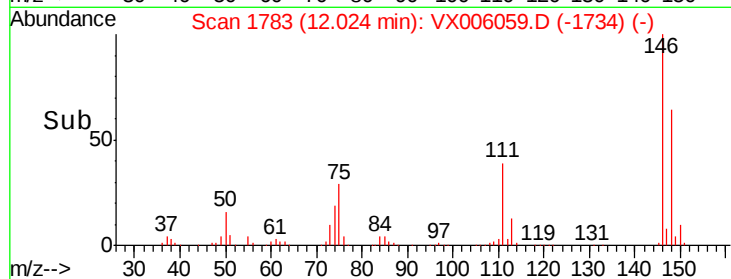
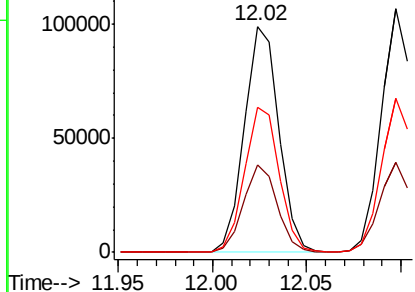
#87
 1,3-Dichlorobenzene
 Concen: 53.330 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 126067
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 64.4 31.9 95.9

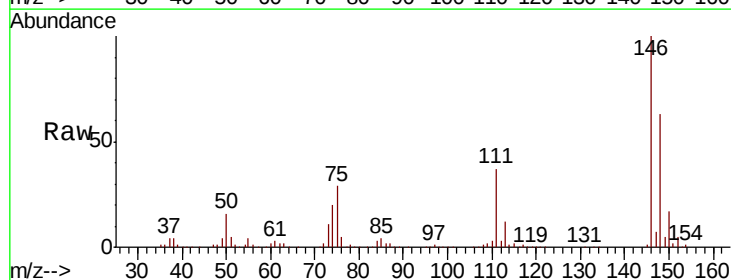


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

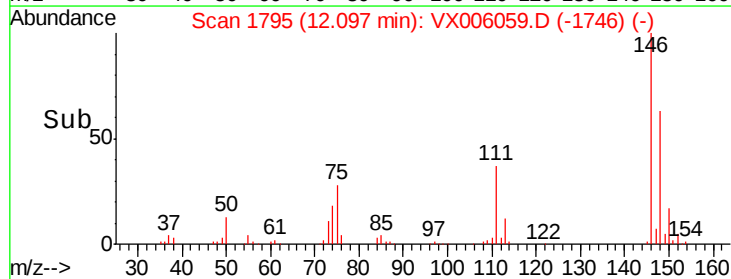
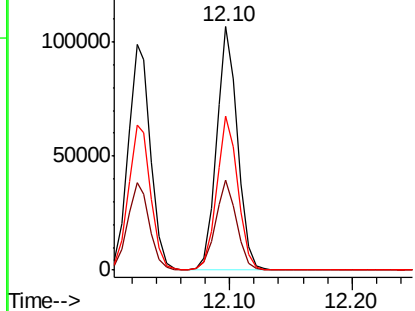


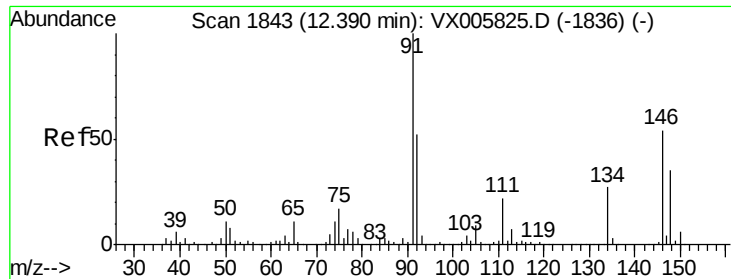
#88
 1,4-Dichlorobenzene
 Concen: 52.700 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion:146 Resp: 127530
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 64.0 32.1 96.3



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

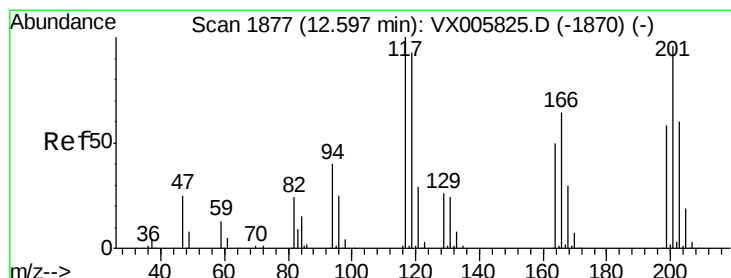
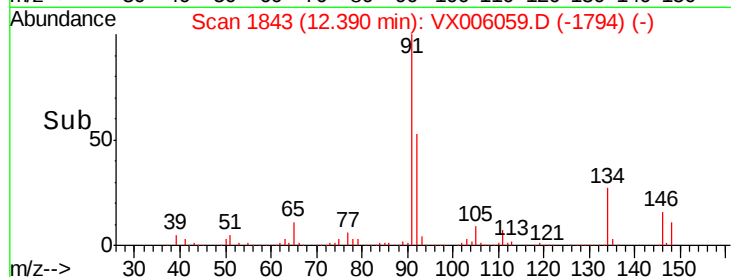
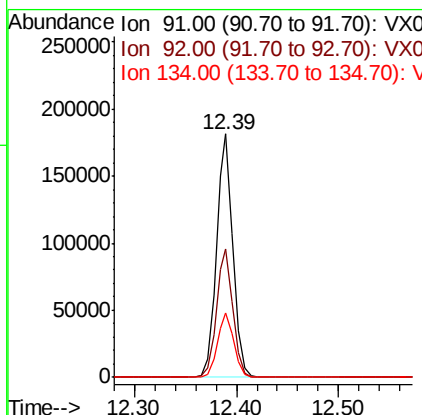
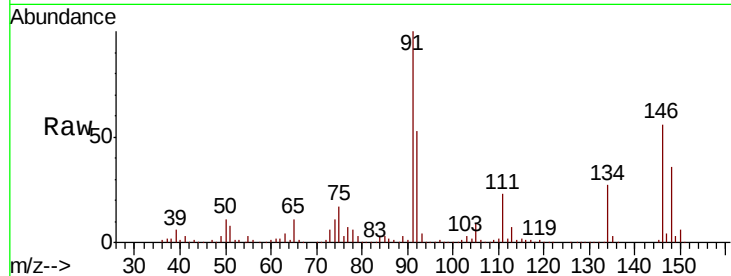




#89
n-Butylbenzene
Concen: 54.281 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

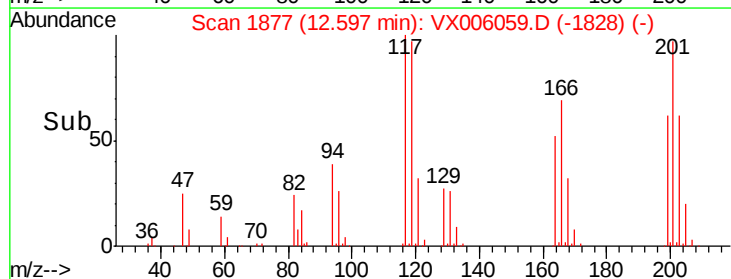
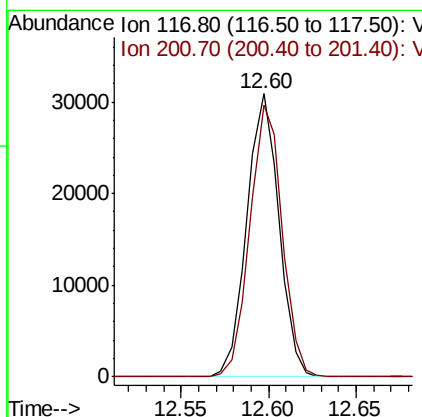
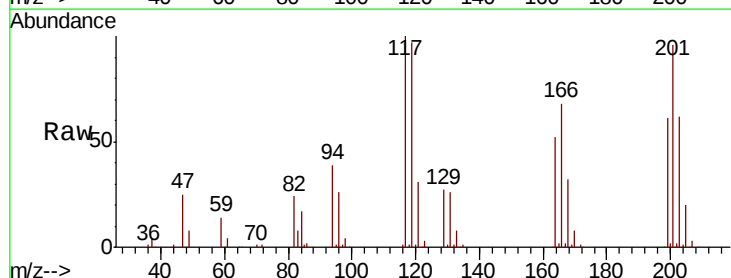
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 204727
Ion Ratio Lower Upper
91 100
92 52.8 26.1 78.2
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 57.880 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion: 117 Resp: 39325
Ion Ratio Lower Upper
117 100
201 96.7 47.9 143.6

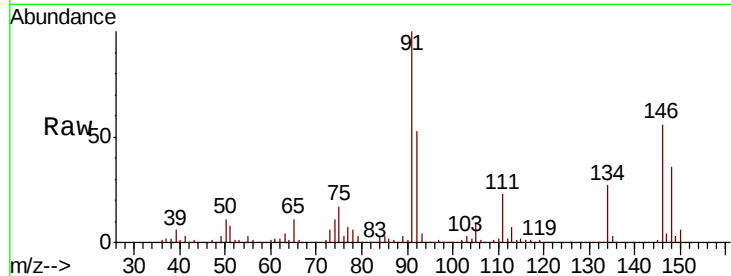




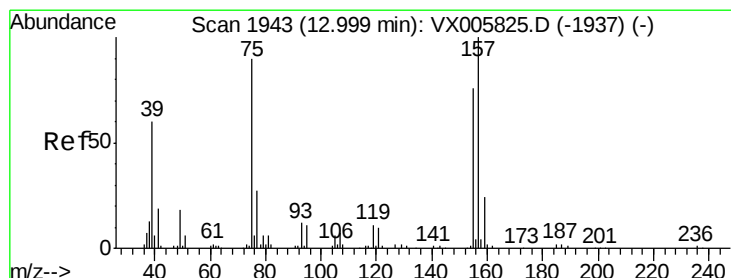
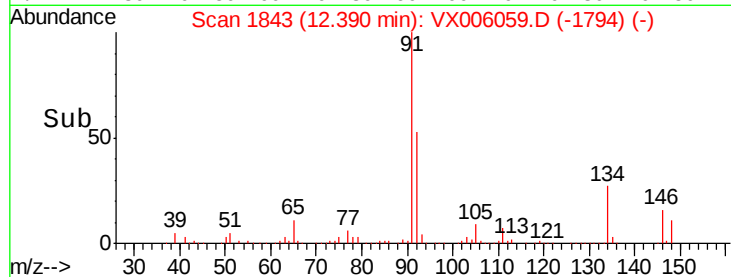
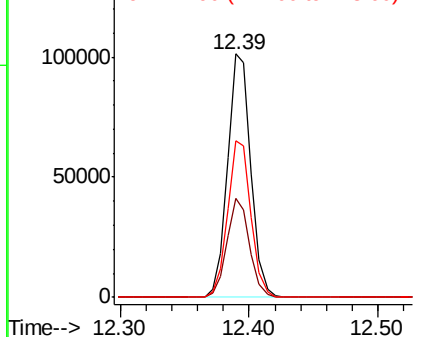
#91
 1,2-Dichlorobenzene
 Concen: 54.309 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 128608
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 59.9
 148 64.2 32.2 96.6

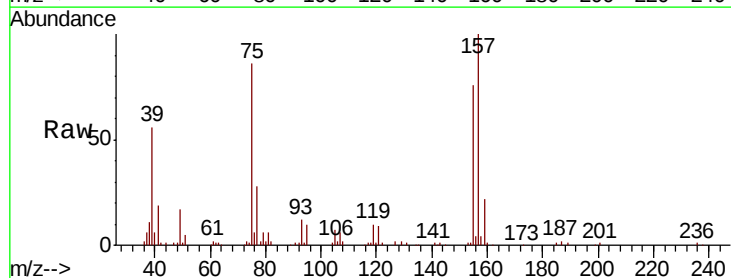


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

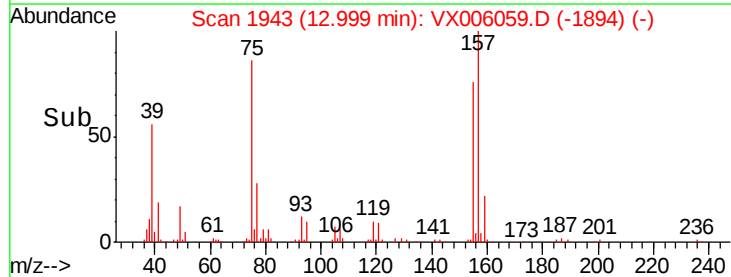
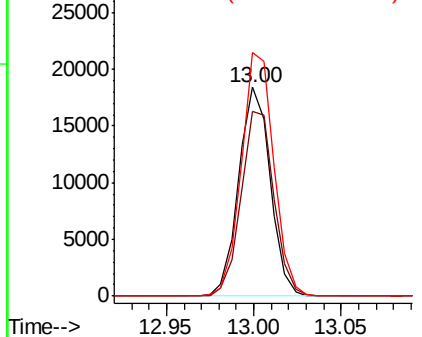


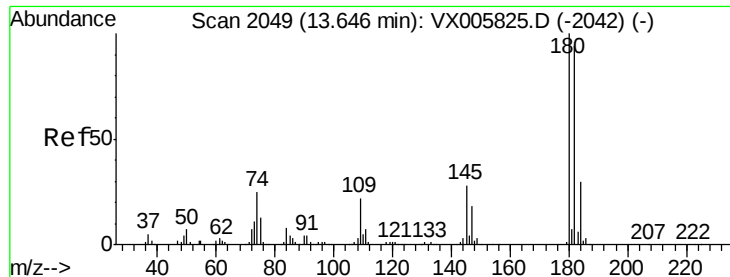
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.019 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion: 75 Resp: 23101
 Ion Ratio Lower Upper
 75 100
 155 91.8 45.4 136.1
 157 119.5 57.4 172.0



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

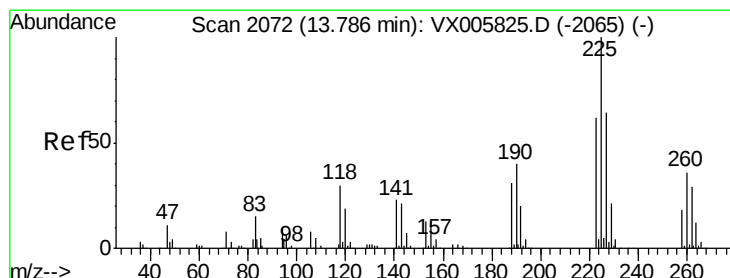
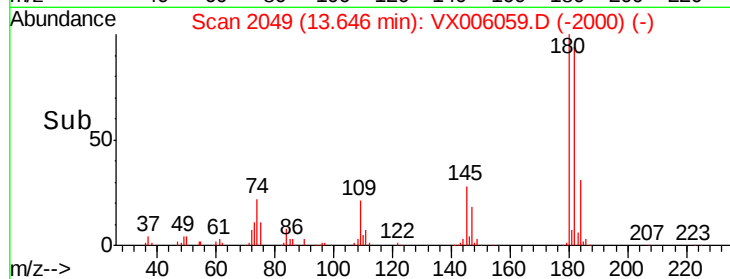
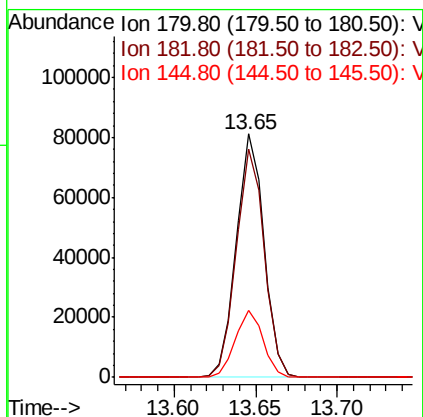
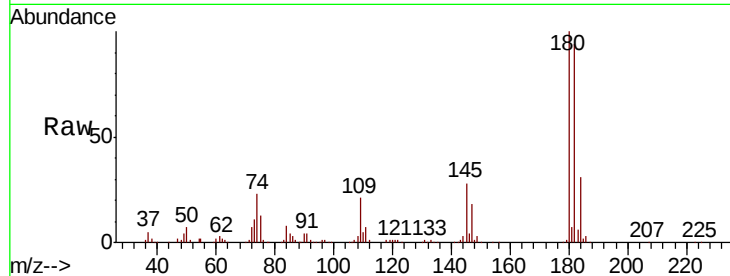




#93
 1,2,4-Trichlorobenzene
 Concen: 57.551 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

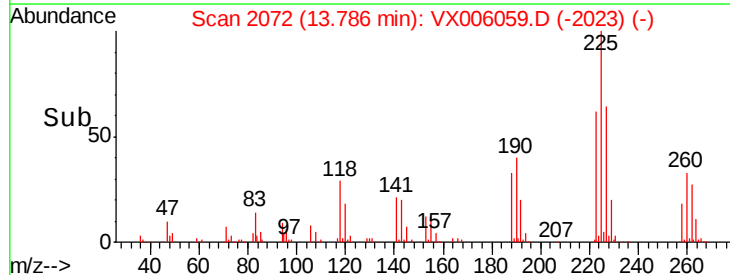
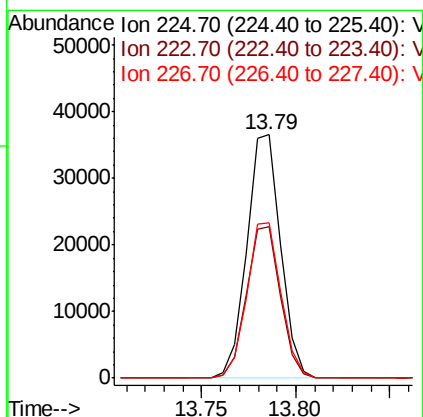
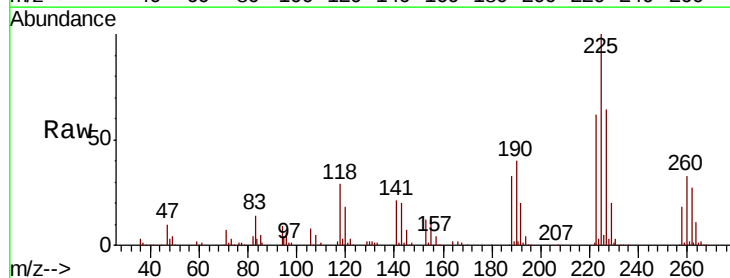
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

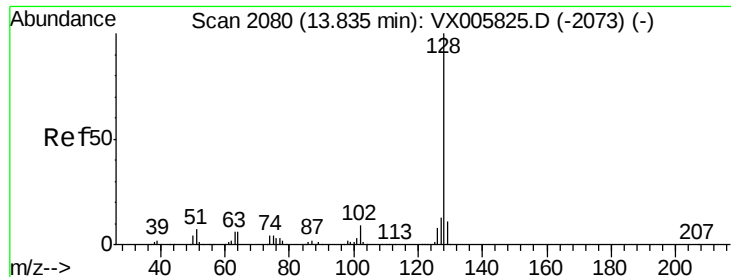
Tot Ion:180 Resp: 95943
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.8
 145 27.7 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 51.830 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006059.D
 Acq: 16 Nov 2018 19:21

Tgt Ion:225 Resp: 45388
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.7 95.1
 227 64.3 32.3 96.9

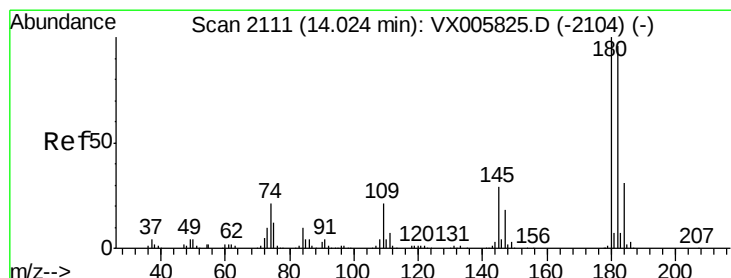
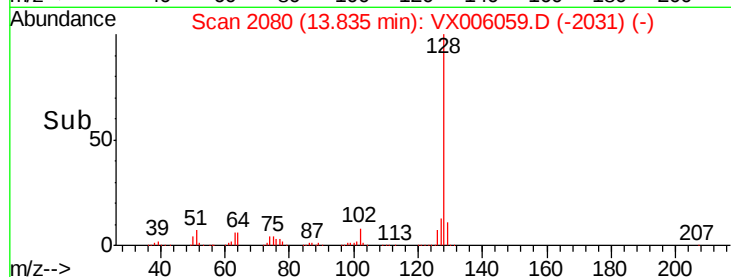
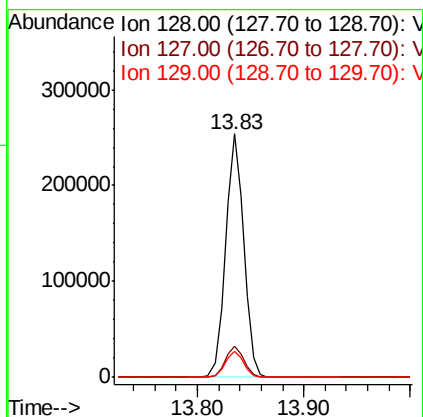
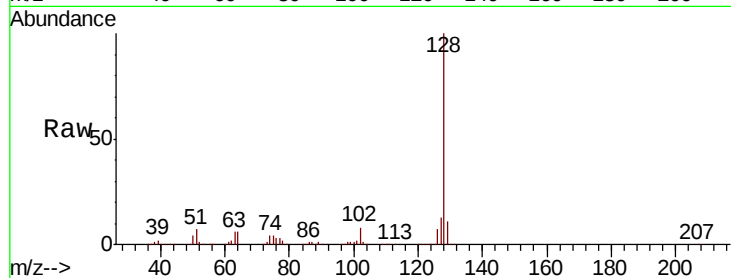




#95
Naphthalene
Concen: 55.492 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 302413
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.917 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX006059.D
Acq: 16 Nov 2018 19:21

Tgt Ion:180 Resp: 98366
Ion Ratio Lower Upper
180 100
182 95.0 48.0 144.2
145 30.2 15.1 45.3

