

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005853.D
 Acq On : 09 Nov 2018 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 23:47:35 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	155951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	203661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	172456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	99586	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	85830	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.49	113	72573	52.39	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	8.71	98	230483	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.13	95	86926	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	63035	44.830	ug/l	97
3) Chloromethane	1.32	50	78601	42.595	ug/l	99
4) Vinyl Chloride	1.41	62	80610	43.514	ug/l	98
5) Bromomethane	1.64	94	45587	40.212	ug/l	93
6) Chloroethane	1.72	64	45838	41.470	ug/l	97
7) Trichlorofluoromethane	1.93	101	106724	43.402	ug/l	98
8) Diethyl Ether	2.18	74	45376	47.094	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66791	47.228	ug/l	98
10) Methyl Iodide	2.51	142	72577	42.343	ug/l	99
11) Tert butyl alcohol	3.07	59	96678	188.239	ug/l	100
12) 1,1-Dichloroethene	2.37	96	59834	43.407	ug/l	85
13) Acrolein	2.29	56	42333	178.780	ug/l	98
14) Allyl chloride	2.73	41	134267	43.613	ug/l	97
15) Acrylonitrile	3.15	53	229409	215.537	ug/l	98
16) Acetone	2.44	43	221482	229.439	ug/l	90
17) Carbon Disulfide	2.57	76	180180	43.822	ug/l	97
18) Methyl Acetate	2.77	43	113157	43.550	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	215831	45.876	ug/l	95
20) Methylene Chloride	2.86	84	68649	43.293	ug/l	86
21) trans-1,2-Dichloroethene	3.17	96	66584	45.797	ug/l	97
22) Diisopropyl ether	3.86	45	245323	45.489	ug/l	# 87
23) Vinyl Acetate	3.82	43	1089307	235.574	ug/l	97
24) 1,1-Dichloroethane	3.70	63	126881	44.098	ug/l	98
25) 2-Butanone	4.69	43	331103	218.170	ug/l	98
26) 2,2-Dichloropropane	4.58	77	104403	49.465	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	73027	45.489	ug/l	99
28) Bromochloromethane	5.01	49	54978	42.754	ug/l	100
29) Tetrahydrofuran	5.15	42	207970	213.426	ug/l	100
30) Chloroform	5.21	83	121962	43.936	ug/l	92
31) Cyclohexane	5.58	56	116019	46.452	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	103244	44.590	ug/l	100
36) 1,1-Dichloropropene	5.79	75	93279	47.510	ug/l	98
37) Ethyl Acetate	4.85	43	120029	46.490	ug/l	100
38) Carbon Tetrachloride	5.77	117	90639	46.114	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107027	53.785	ug/l #	78
40) Benzene	6.14	78	248521	43.421	ug/l	100
41) Methacrylonitrile	5.05	41	65647	47.056	ug/l	99
42) 1,2-Dichloroethane	6.19	62	89433	43.625	ug/l	100
43) Isopropyl Acetate	6.46	43	166490	44.503	ug/l	98
44) Trichloroethene	7.21	130	67898	46.712	ug/l	91
45) 1,2-Dichloropropane	7.51	63	62210	44.781	ug/l	100
46) Dibromomethane	7.66	93	39134	44.892	ug/l	99
47) Bromodichloromethane	7.90	83	77685	47.154	ug/l	97
48) Methyl methacrylate	7.77	41	78895	46.966	ug/l	99
49) 1,4-Dioxane	7.75	88	31477	869.581	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	512282	217.272	ug/l	100
52) Toluene	8.79	92	141829	44.338	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	88215	45.374	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	95969	48.430	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	58397	40.962	ug/l	96
56) Ethyl methacrylate	9.18	69	91460	42.876	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98690	41.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	238498	206.670	ug/l	99
59) 2-Hexanone	9.49	43	424548	204.278	ug/l	100
60) Dibromochloromethane	9.58	129	63539	41.239	ug/l	99
61) 1,2-Dibromoethane	9.67	107	60714	38.513	ug/l	99
64) Tetrachloroethene	9.34	164	64681	44.052	ug/l	97
65) Chlorobenzene	10.14	112	161296	46.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	59320	49.388	ug/l	99
67) Ethyl Benzene	10.25	91	280983	50.720	ug/l	100
68) m/p-Xylenes	10.36	106	217309	102.837	ug/l	99
69) o-Xylene	10.70	106	103014	54.365	ug/l	99
70) Styrene	10.71	104	175103	56.018	ug/l	99
71) Bromoform	10.86	173	52164	51.808	ug/l #	99
73) Isopropylbenzene	11.02	105	284672	49.431	ug/l	99
74) N-amyl acetate	10.90	43	139746	43.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93718	44.336	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	116125	57.267	ug/l	84
77) Bromobenzene	11.26	156	74909	46.149	ug/l	99
78) n-propylbenzene	11.36	91	337206	49.683	ug/l	99
79) 2-Chlorotoluene	11.42	91	195489	47.653	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	245848	50.235	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30788	48.391	ug/l	97
82) 4-Chlorotoluene	11.51	91	235503	48.710	ug/l	100
83) tert-Butylbenzene	11.77	119	238948	48.262	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	251765	46.608	ug/l	100
85) sec-Butylbenzene	11.94	105	292641	48.335	ug/l	100
86) p-Isopropyltoluene	12.07	119	266998	49.787	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	141935	45.562	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	143448	44.982	ug/l	99
89) n-Butylbenzene	12.39	91	242526	48.795	ug/l	100
90) Hexachloroethane	12.60	117	43710	48.818	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	140575	45.046	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23753	46.049	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107125	48.762	ug/l	100
94) Hexachlorobutadiene	13.78	225	54658	47.363	ug/l	99
95) Naphthalene	13.83	128	318854	44.633	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107151	47.875	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: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

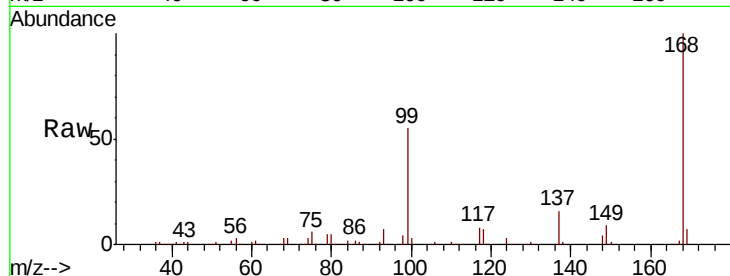
VSTDCCC050

Tot Ion:168 Resp: 155951

Ion Ratio Lower Upper

168 100

99 55.3 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

60000

50000

40000

30000

20000

10000

0

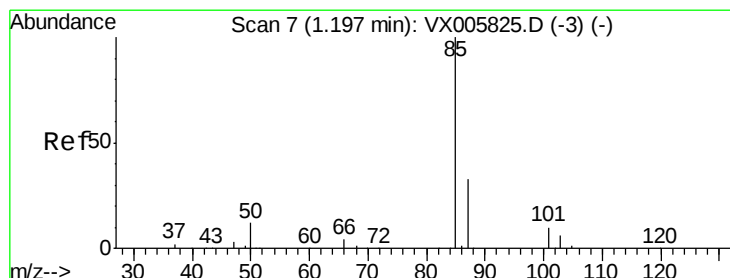
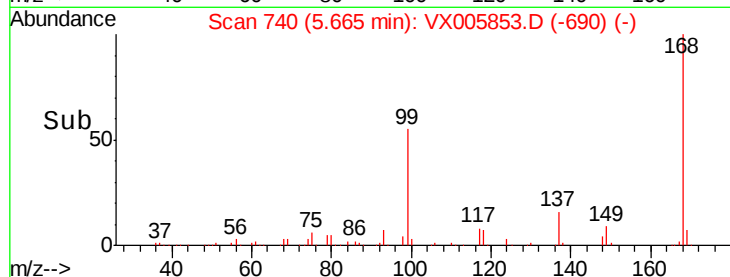
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 44.830 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005853.D

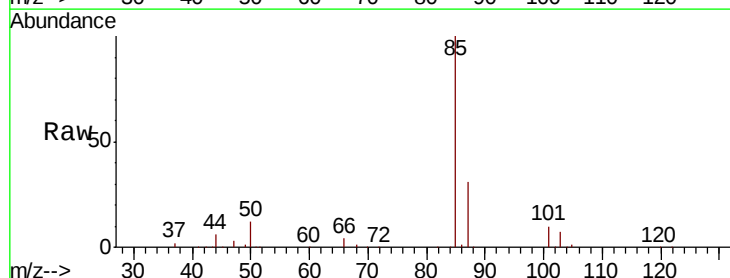
Acq: 09 Nov 2018 10:09

Tgt Ion: 85 Resp: 63035

Ion Ratio Lower Upper

85 100

87 30.8 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

60000

40000

20000

0

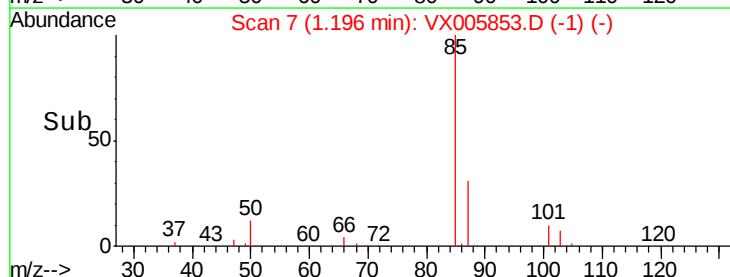
Time-->

1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 42.595 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

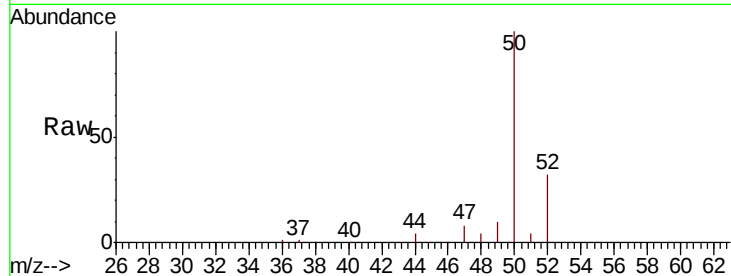
VSTDCCC050

Tot Ion: 50 Resp: 78601

Ion Ratio Lower Upper

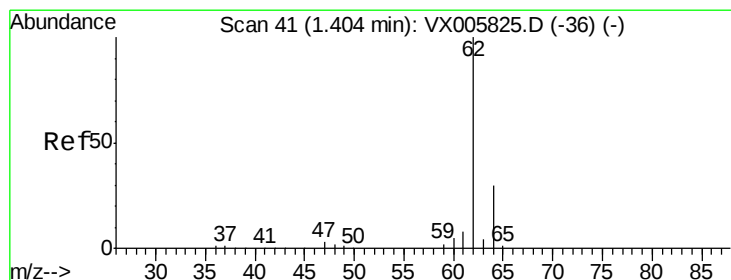
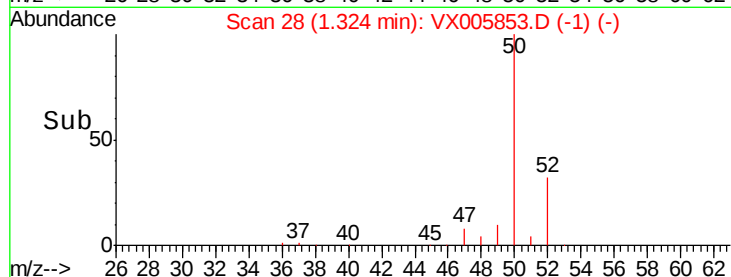
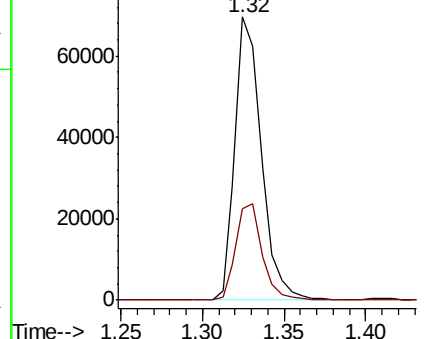
50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.514 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005853.D

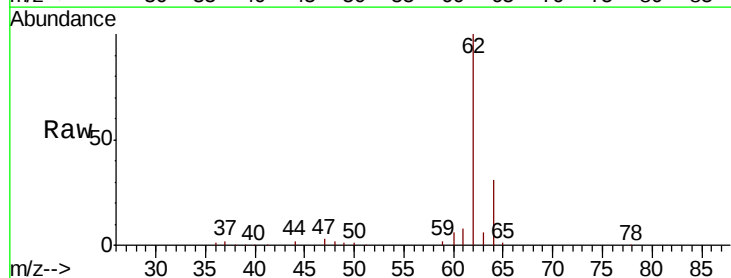
Acq: 09 Nov 2018 10:09

Tgt Ion: 62 Resp: 80610

Ion Ratio Lower Upper

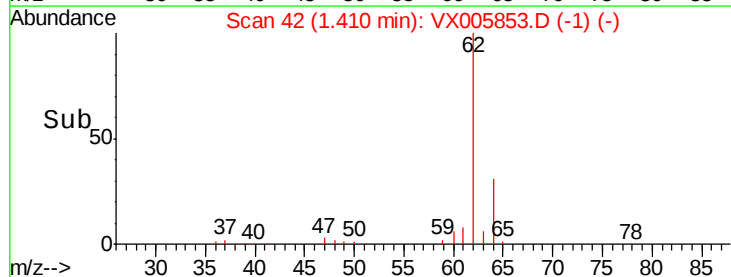
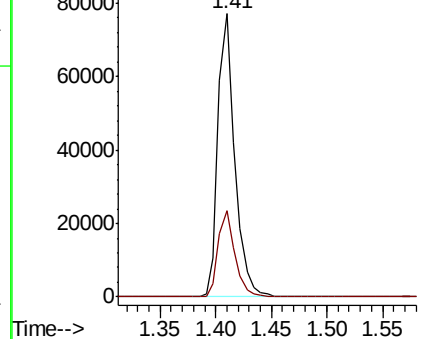
62 100

64 30.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.212 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

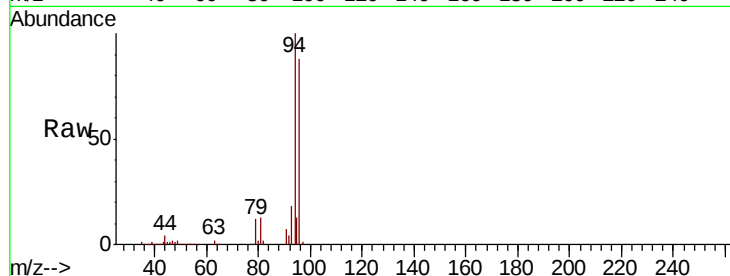
VSTDCCC050

Tot Ion: 94 Resp: 45587

Ion Ratio Lower Upper

94 100

96 87.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

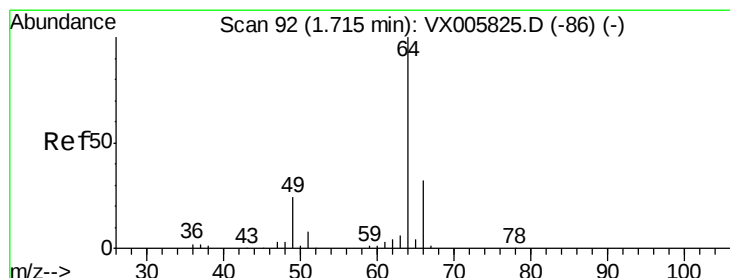
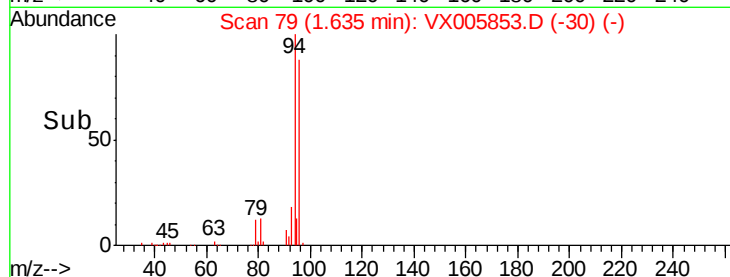
20000

10000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 41.470 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005853.D

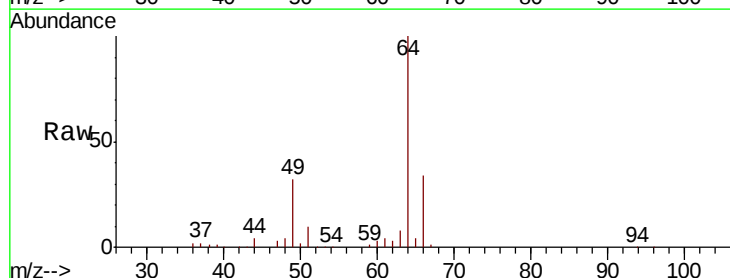
Acq: 09 Nov 2018 10:09

Tgt Ion: 64 Resp: 45838

Ion Ratio Lower Upper

64 100

66 33.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

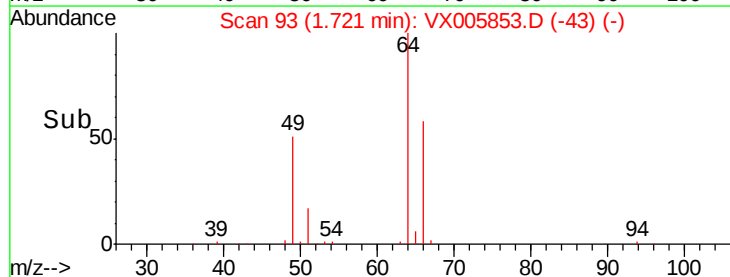
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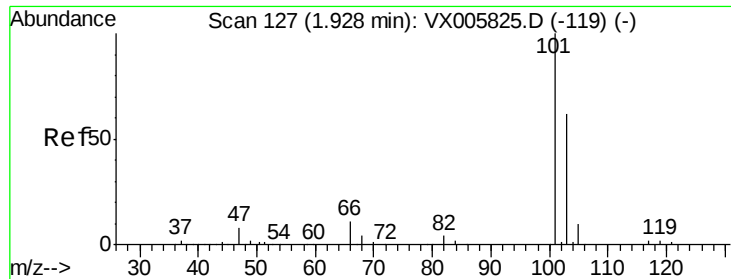
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0

1.65 1.70 1.75 1.80 1.85

Time-->



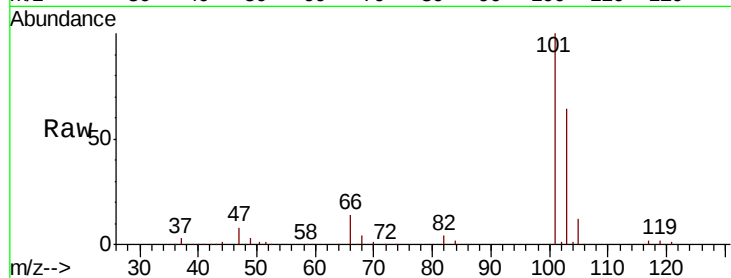


#7

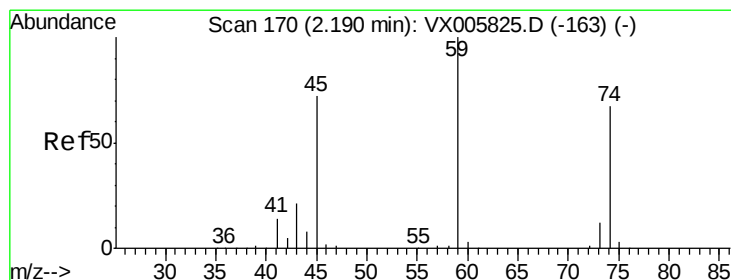
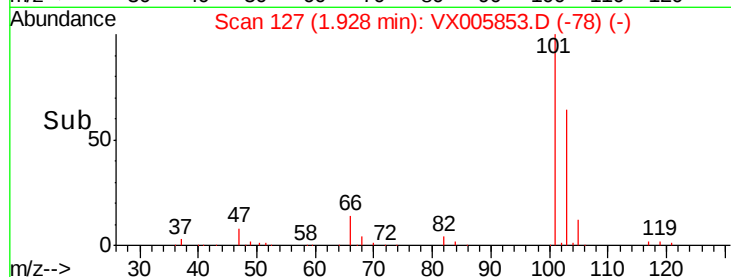
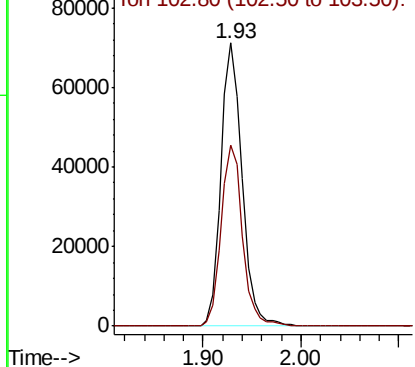
Trichlorofluoromethane
Concen: 43.402 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 106724
Ion Ratio Lower Upper
101 100
103 63.7 50.0 75.0



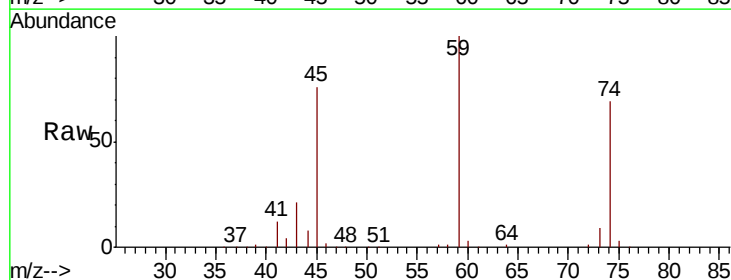
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



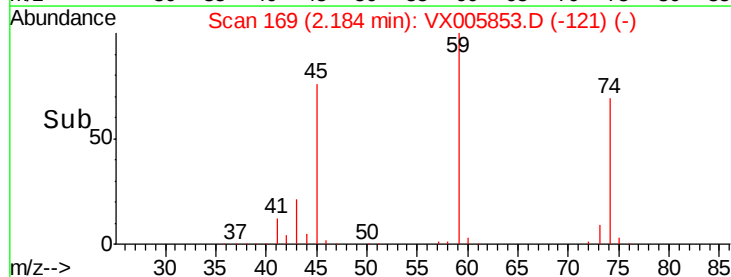
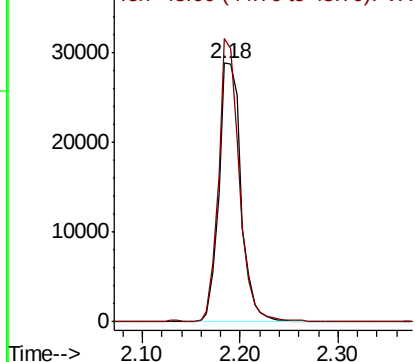
#8

Diethyl Ether
Concen: 47.094 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 74 Resp: 45376
Ion Ratio Lower Upper
74 100
45 101.3 54.1 162.3



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

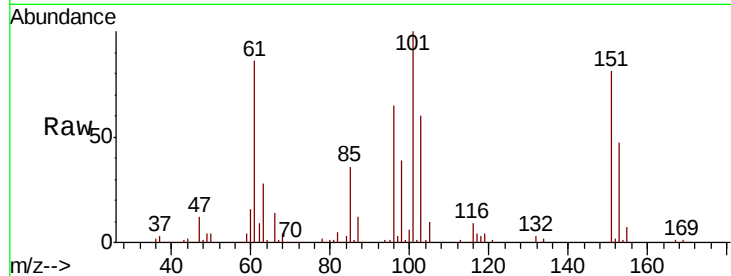




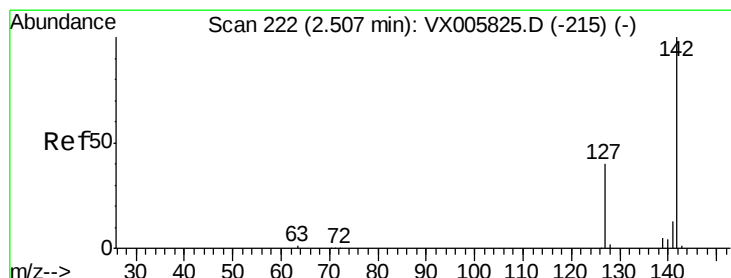
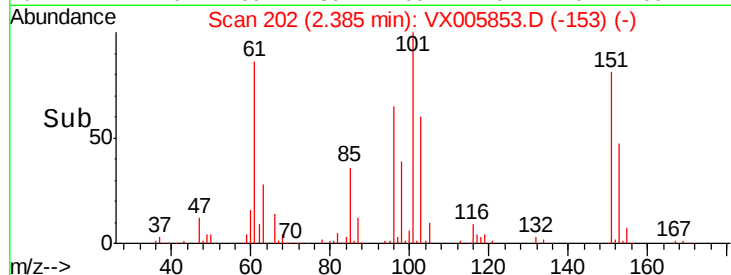
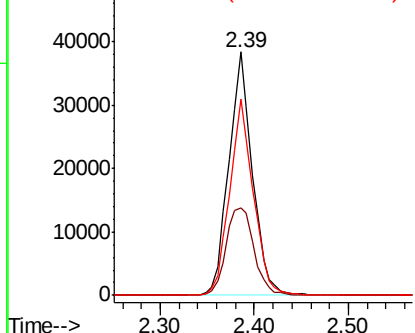
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.228 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 66791
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.0 52.4
 151 81.0 66.2 99.2

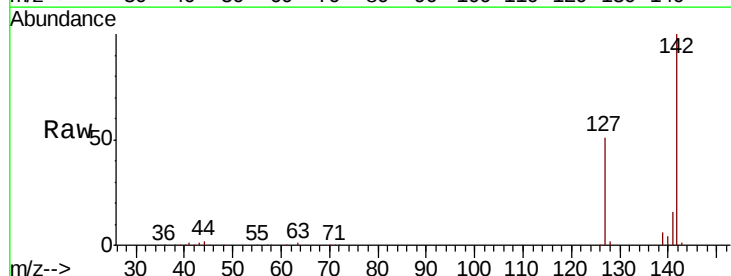


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

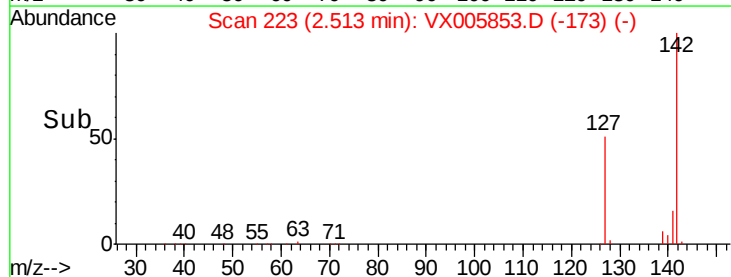
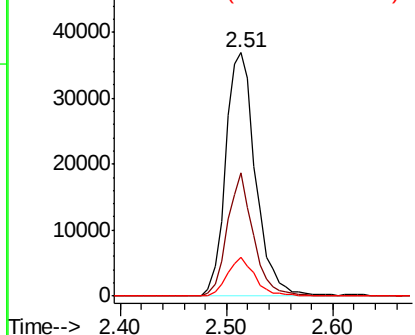


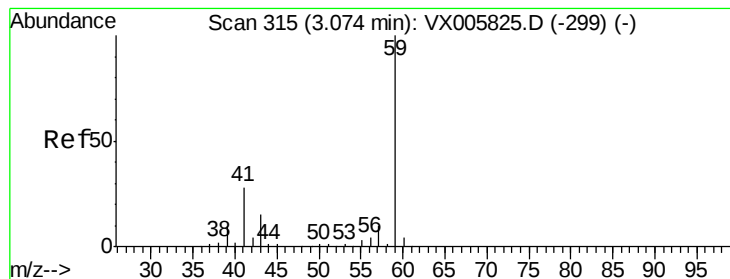
#10
 Methyl Iodide
 Concen: 42.343 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion:142 Resp: 72577
 Ion Ratio Lower Upper
 142 100
 127 44.3 36.0 54.0
 141 14.6 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



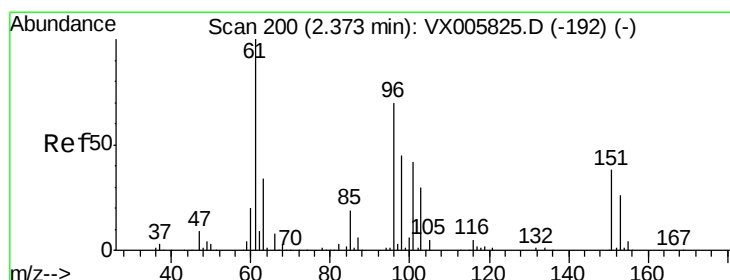
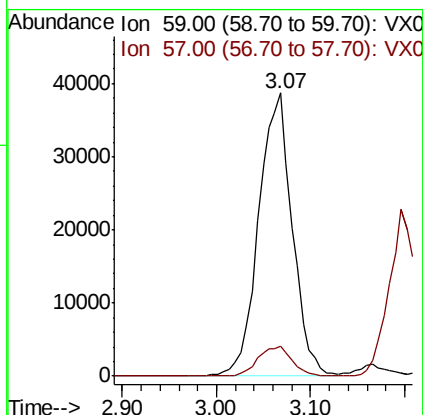
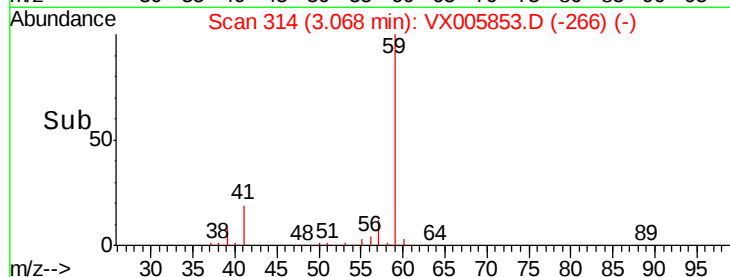
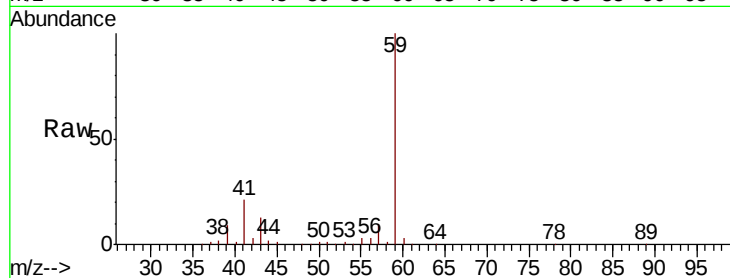


#11

Tert butyl alcohol
 Concen: 188.239 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

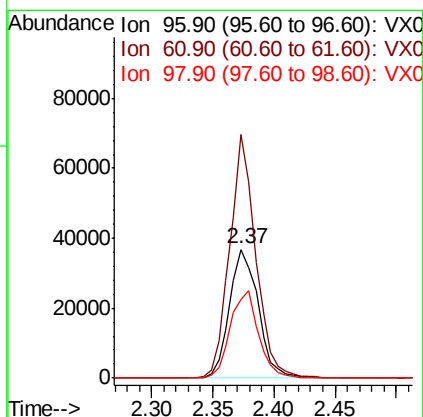
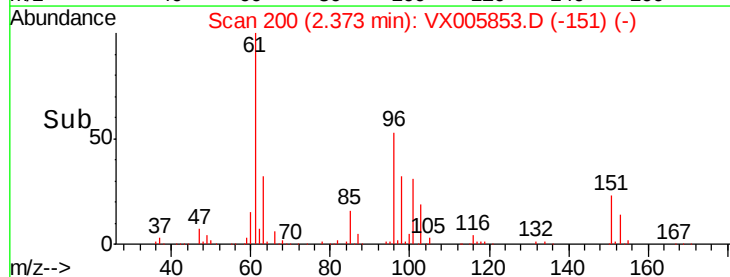
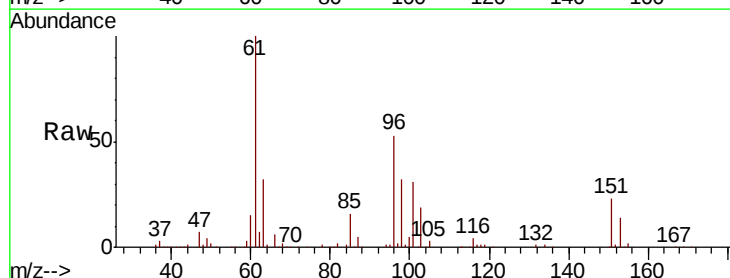
Tot Ion: 59 Resp: 96678
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

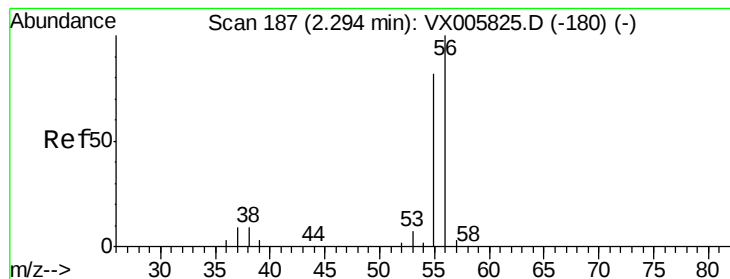


#12

1,1-Dichloroethene
 Concen: 43.407 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion: 96 Resp: 59834
 Ion Ratio Lower Upper
 96 100
 61 188.9 131.8 197.8
 98 61.0 53.4 80.2





#13

Acrolein

Concen: 178.780 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

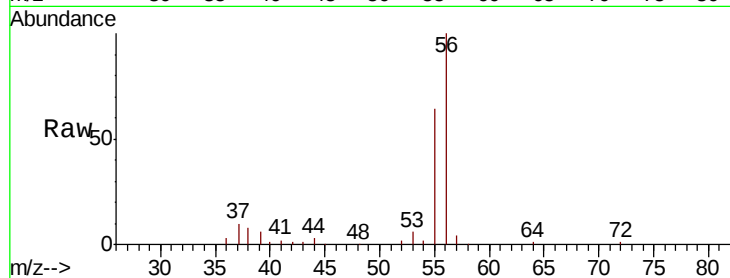
VSTDCCC050

Tot Ion: 56 Resp: 42333

Ion Ratio Lower Upper

56 100

55 70.0 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

15000

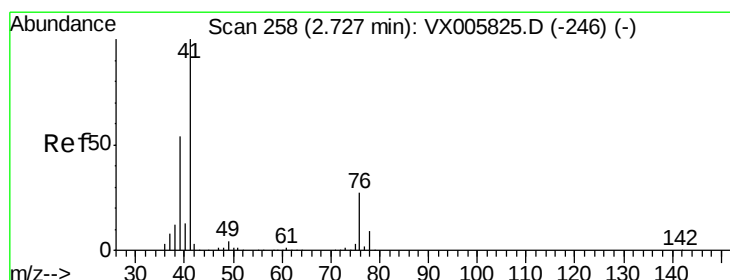
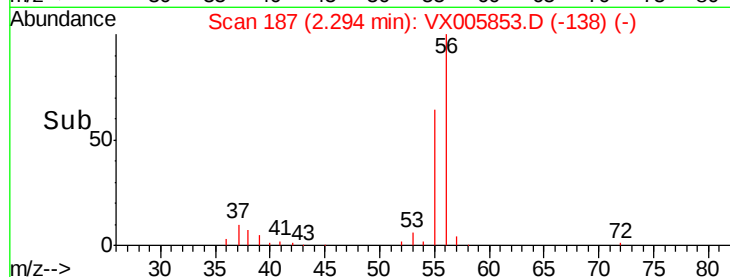
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 43.613 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

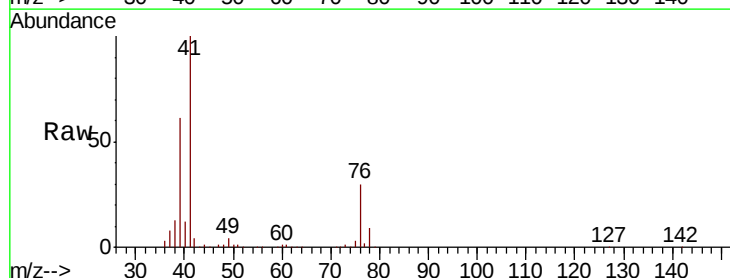
Tgt Ion: 41 Resp: 134267

Ion Ratio Lower Upper

41 100

39 58.5 48.2 72.4

76 29.8 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

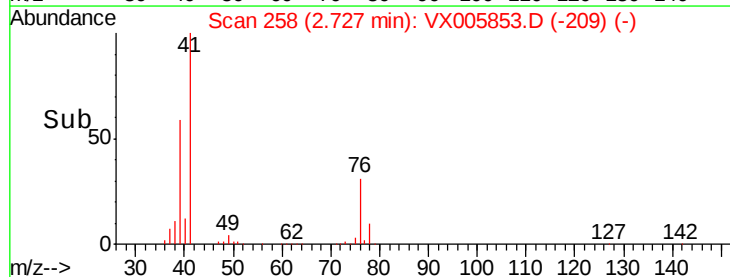
100000

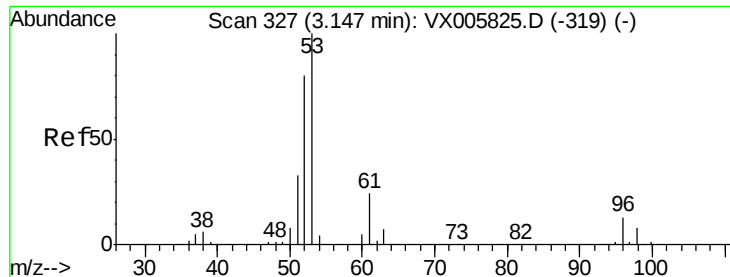
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 215.537 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

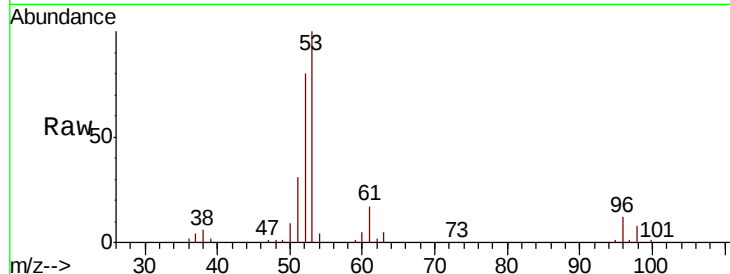
Tot Ion: 53 Resp: 229409

Ion Ratio Lower Upper

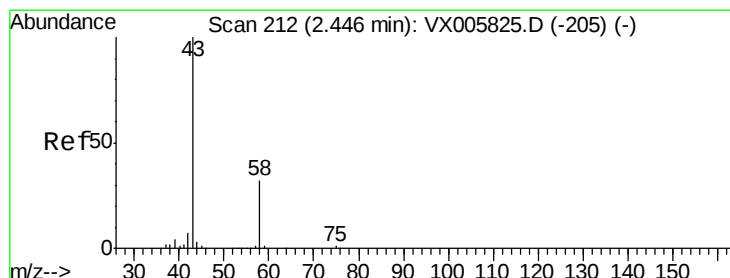
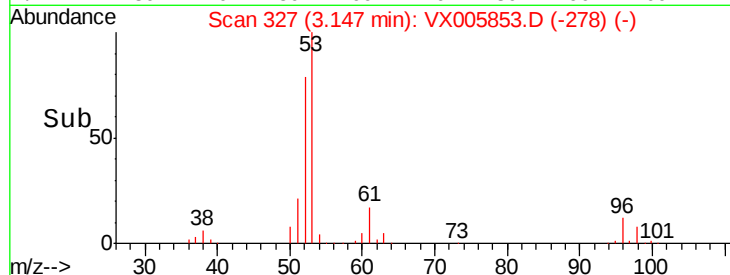
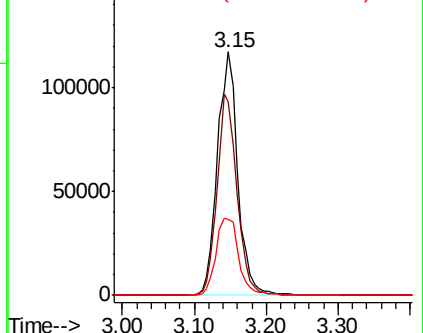
53 100

52 81.2 66.6 99.8

51 36.1 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: 229.439 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005853.D

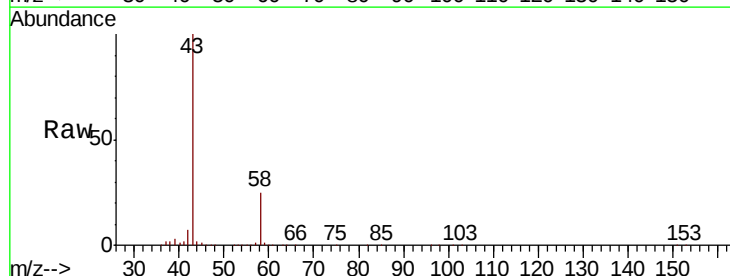
Acq: 09 Nov 2018 10:09

Tgt Ion: 43 Resp: 221482

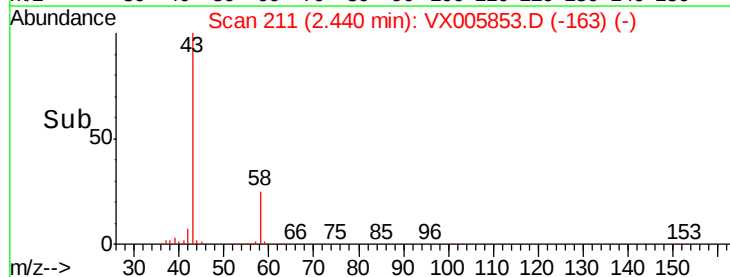
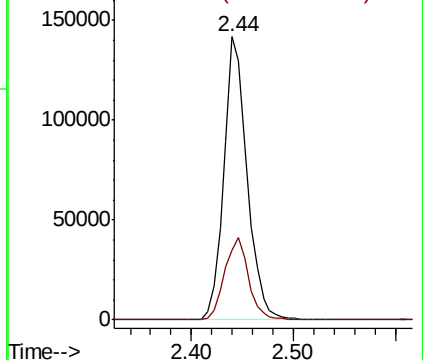
Ion Ratio Lower Upper

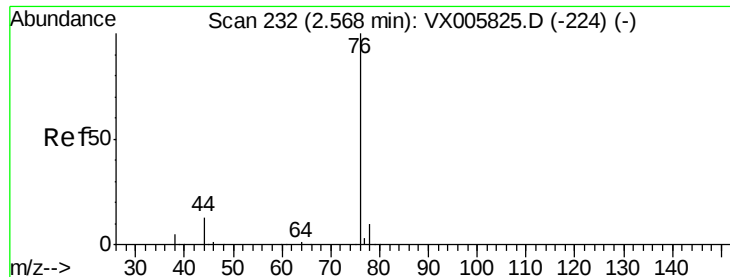
43 100

58 24.6 23.8 35.6



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

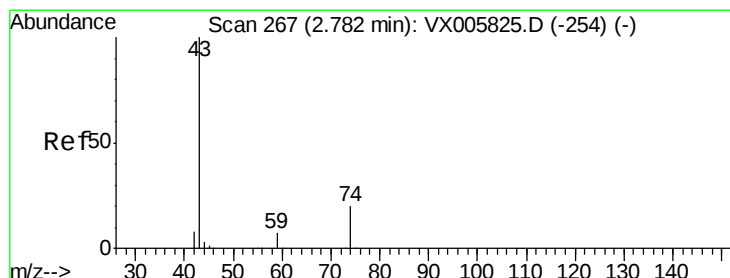
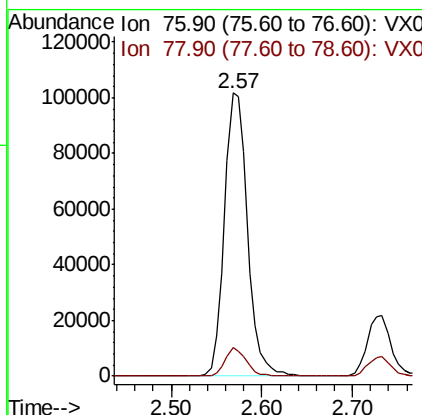
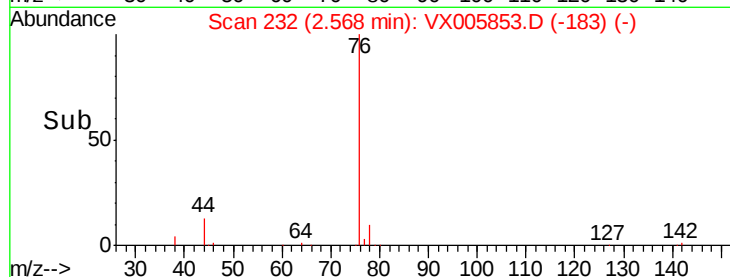
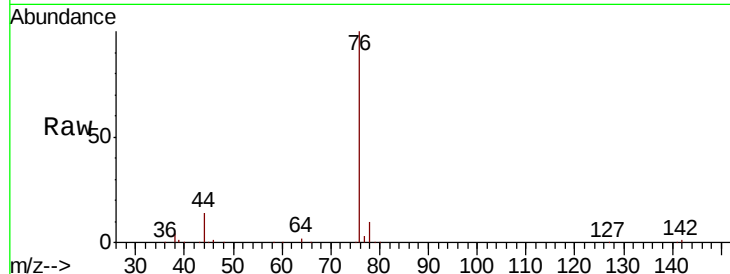




#17
Carbon Disulfide
Concen: 43.822 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

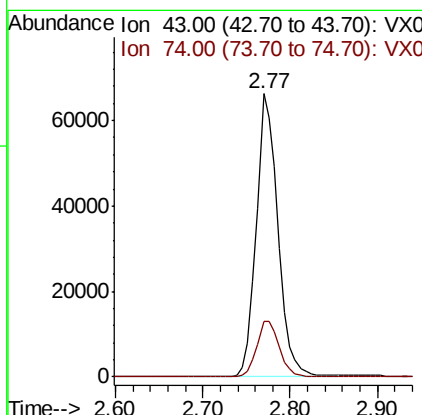
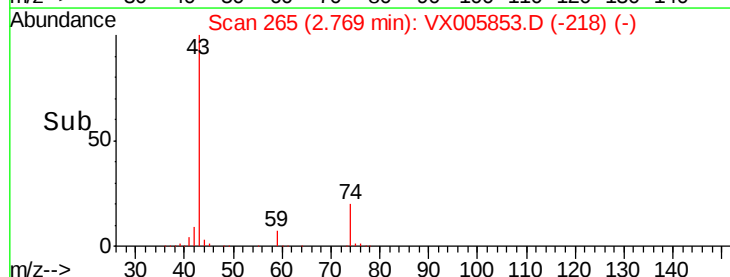
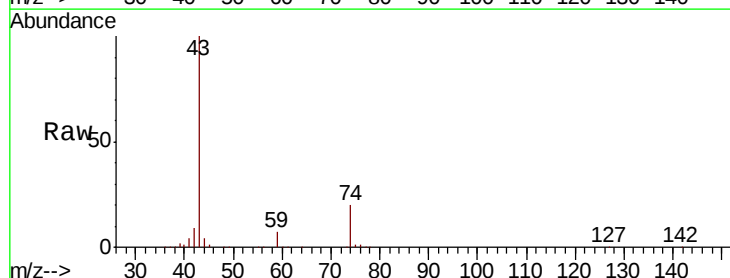
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

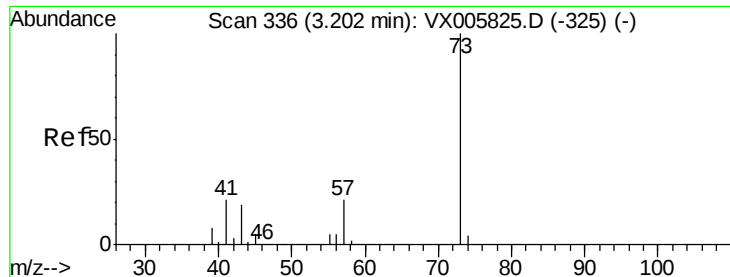
Tot Ion: 76 Resp: 180180
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#18
Methyl Acetate
Concen: 43.550 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 43 Resp: 113157
Ion Ratio Lower Upper
43 100
74 21.1 16.8 25.2

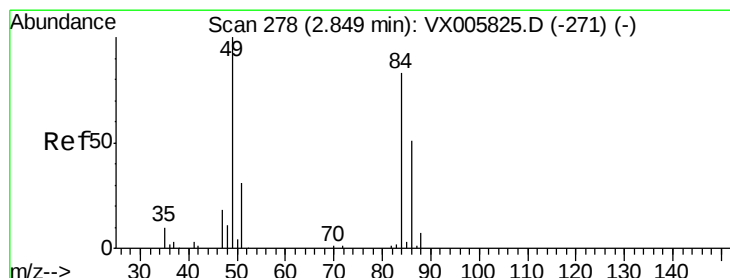
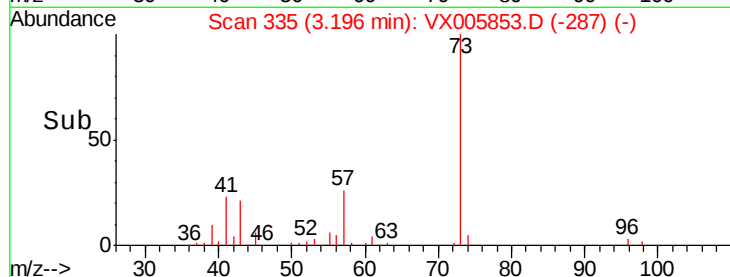
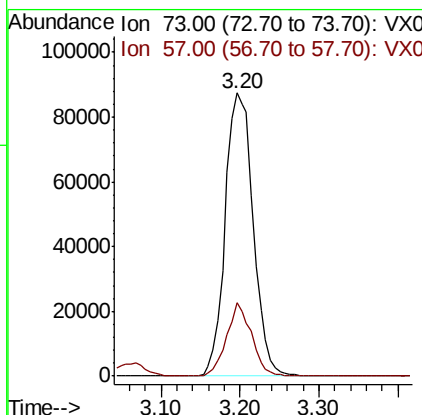
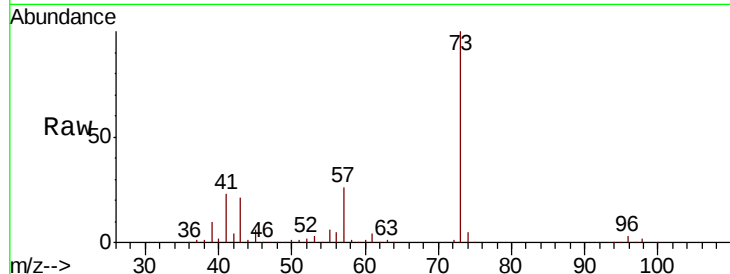




#19
Methyl tert-butyl Ether
Concen: 45.876 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

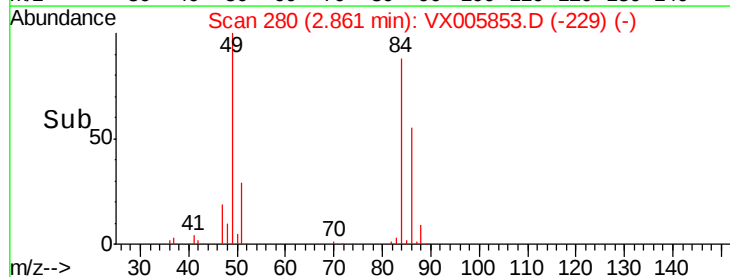
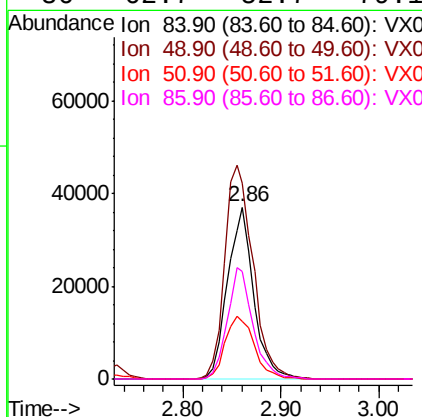
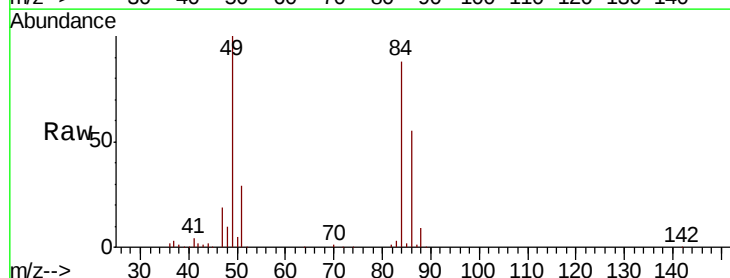
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 215831
Ion Ratio Lower Upper
73 100
57 26.0 18.8 28.2



#20
Methylene Chloride
Concen: 43.293 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 84 Resp: 68649
Ion Ratio Lower Upper
84 100
49 113.6 109.5 164.3
51 33.4 33.3 49.9
86 62.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 45.797 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

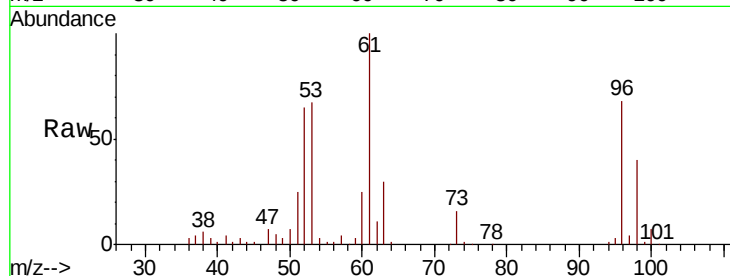
Tot Ion: 96 Resp: 66584

Ion Ratio Lower Upper

96 100

61 147.5 115.6 173.4

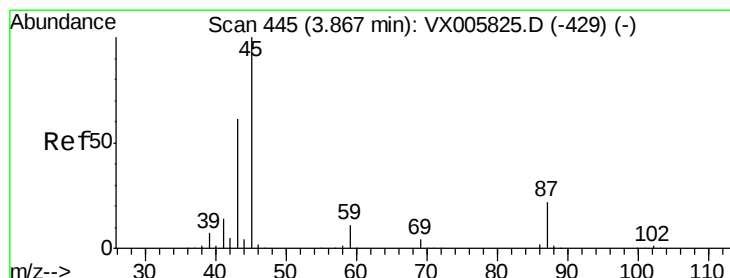
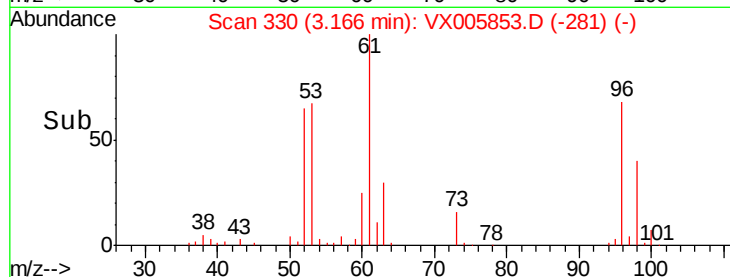
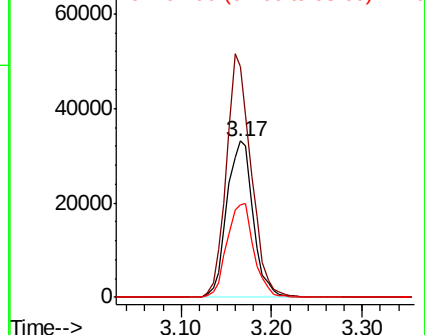
98 58.9 50.2 75.2



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: 45.489 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Tgt Ion: 45 Resp: 245323

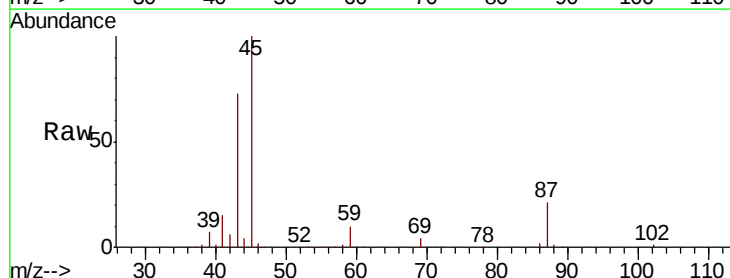
Ion Ratio Lower Upper

45 100

43 72.6 47.4 71.2#

87 21.2 15.9 23.9

59 10.5 7.7 11.5

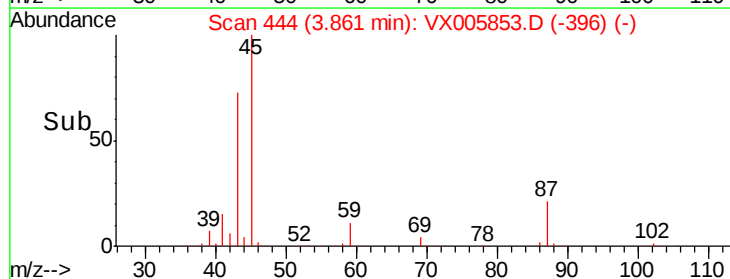
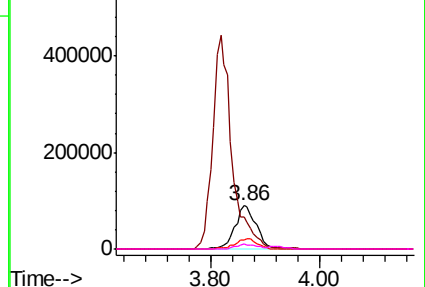


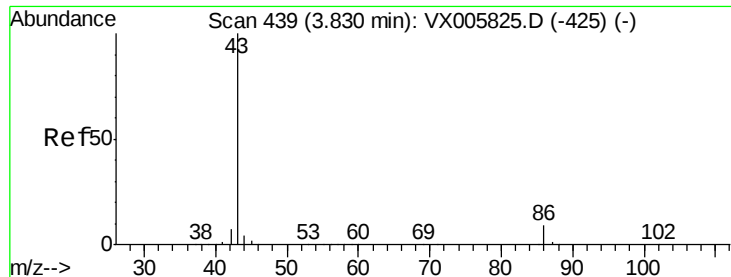
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 235.574 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

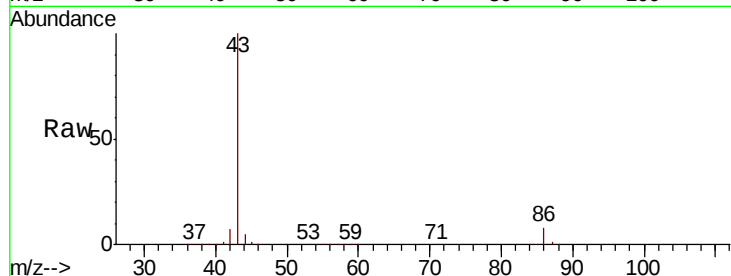
VSTDCCC050

Tot Ion: 43 Resp: 1089307

Ion Ratio Lower Upper

43 100

86 8.0 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

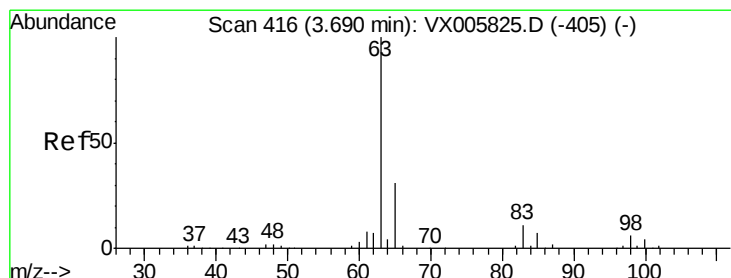
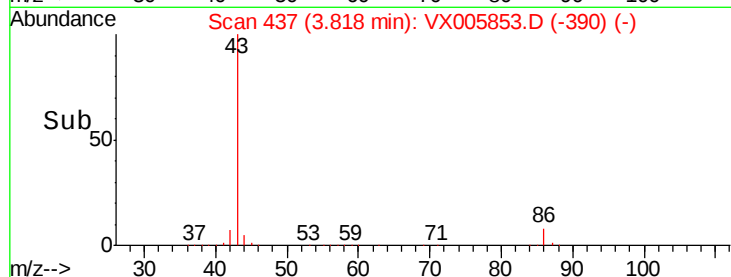
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 44.098 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

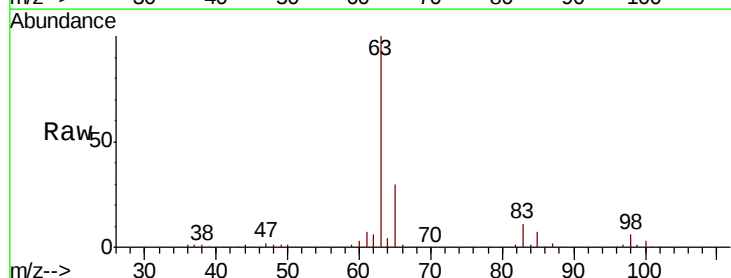
Tgt Ion: 63 Resp: 126881

Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

100 3.2 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

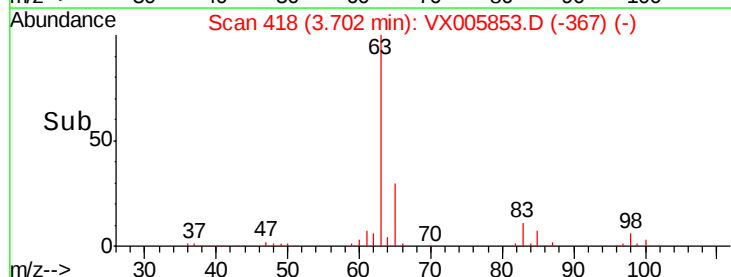
60000

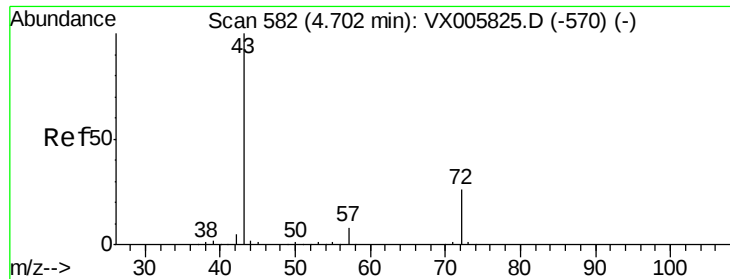
40000

20000

0

Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 218.170 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

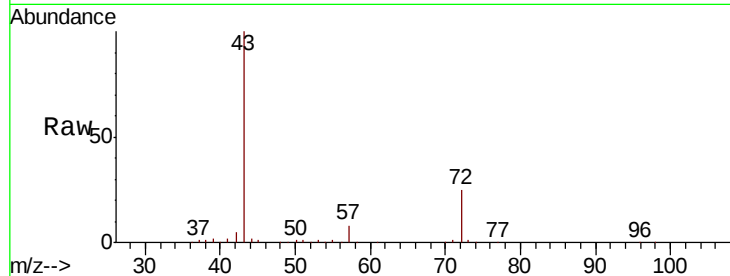
VSTDCCC050

Tot Ion: 43 Resp: 331103

Ion Ratio Lower Upper

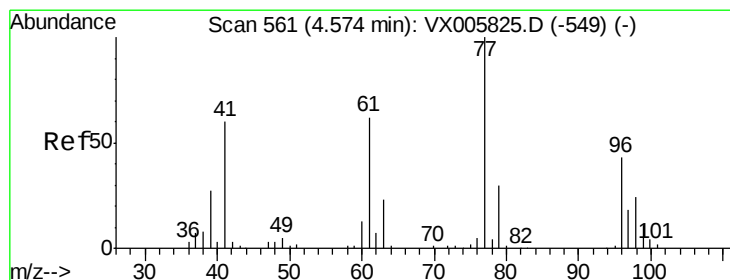
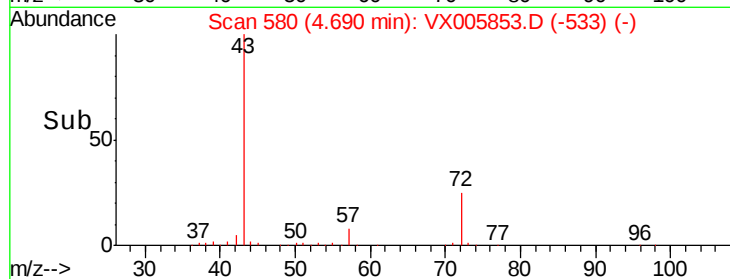
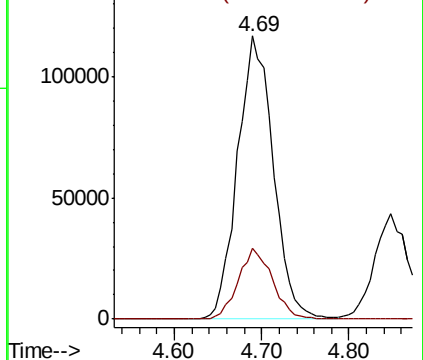
43 100

72 24.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.465 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005853.D

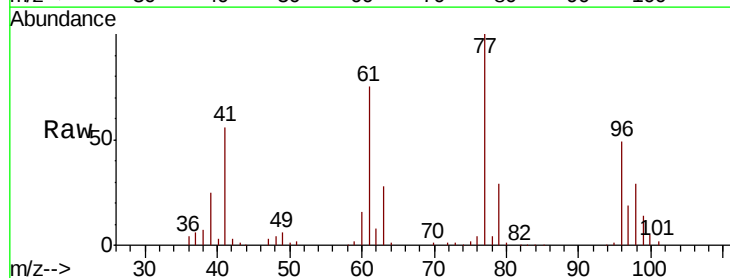
Acq: 09 Nov 2018 10:09

Tgt Ion: 77 Resp: 104403

Ion Ratio Lower Upper

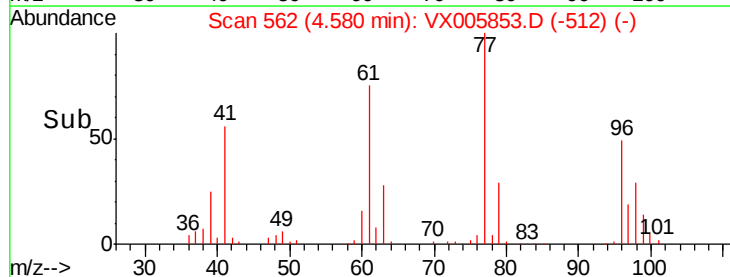
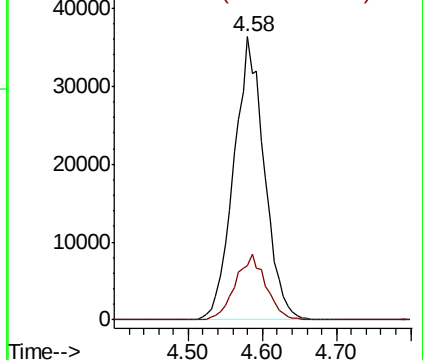
77 100

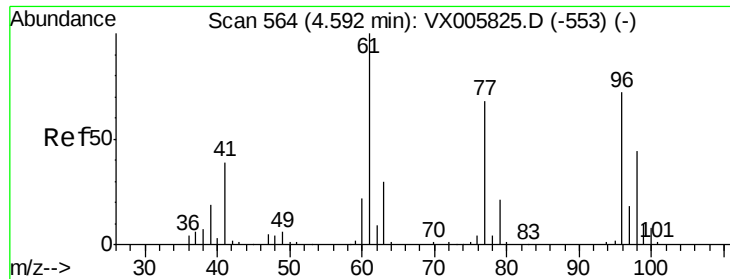
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



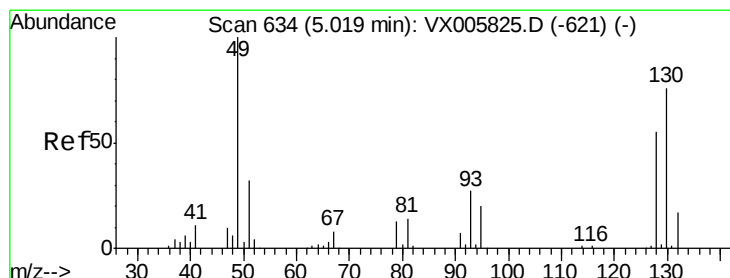
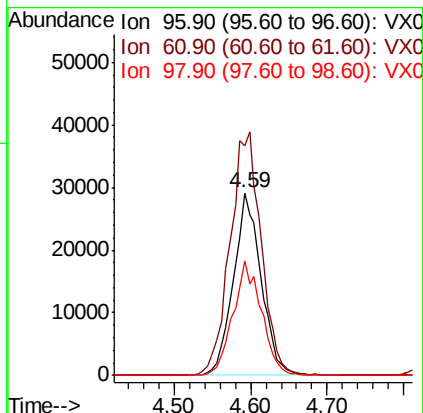
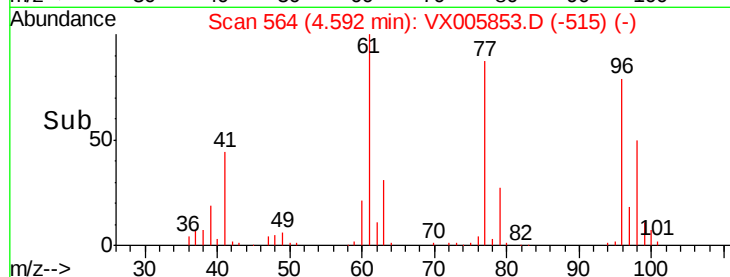
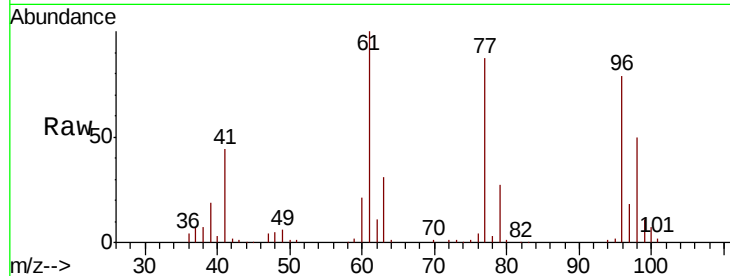


#27

cis-1,2-Dichloroethene
Concen: 45.489 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

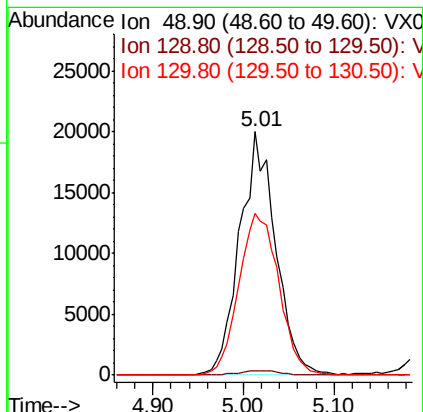
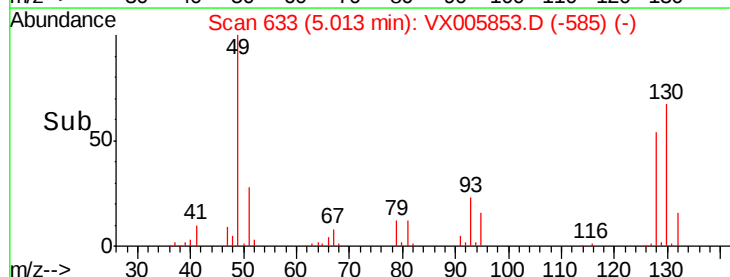
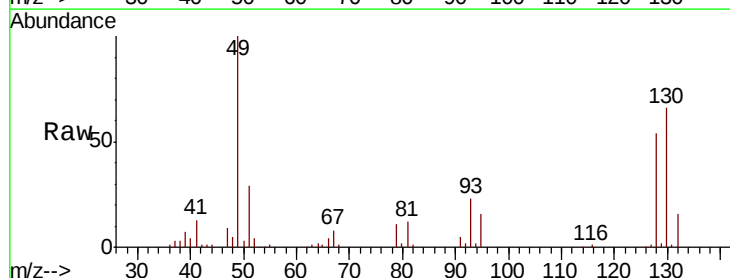
Tot Ion: 96 Resp: 73027
Ion Ratio Lower Upper
96 100
61 150.3 0.0 304.6
98 64.4 0.0 127.4

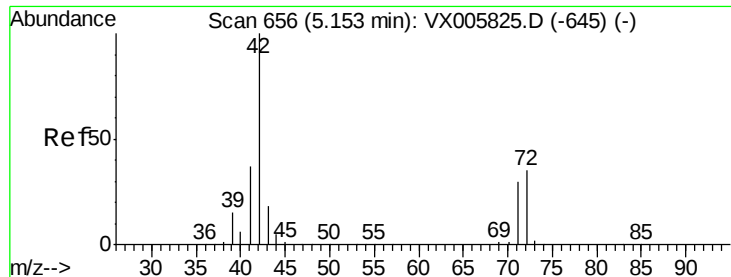


#28

Bromochloromethane
Concen: 42.754 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 49 Resp: 54978
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 73.7 58.9 88.3

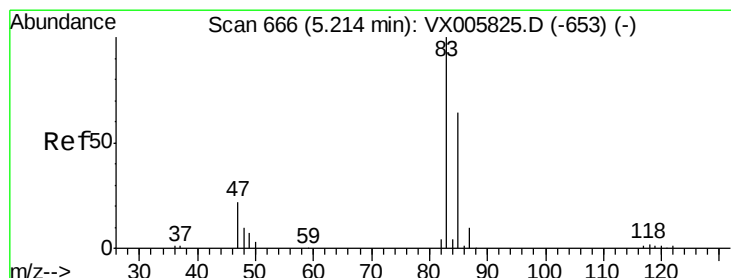
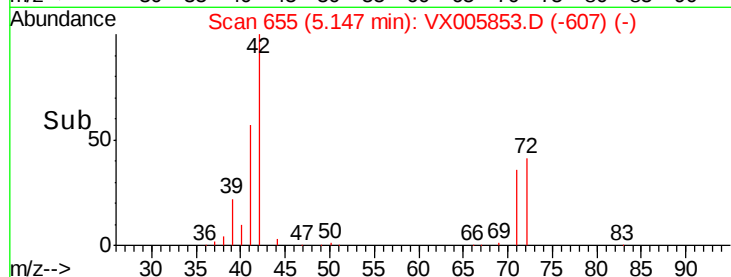
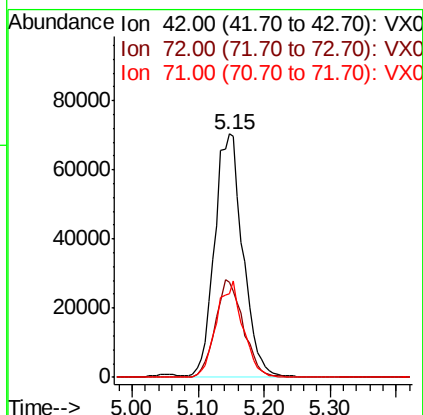
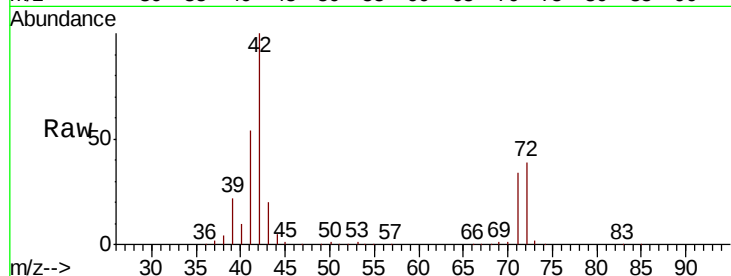




#29
Tetrahydrofuran
Concen: 213.426 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

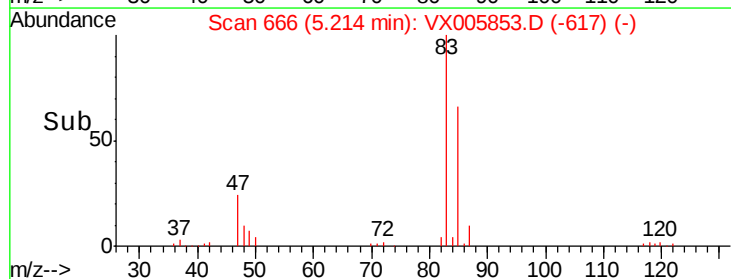
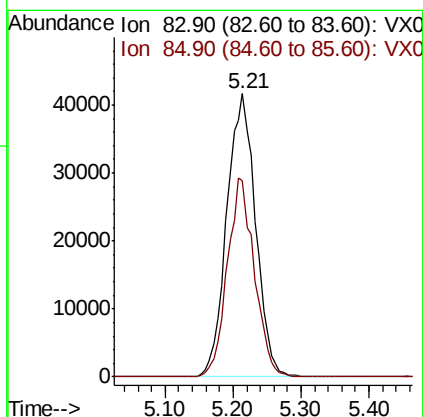
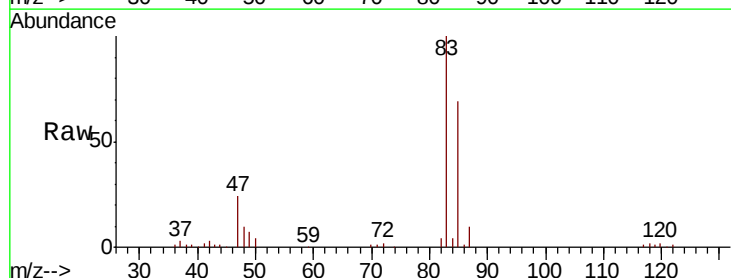
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

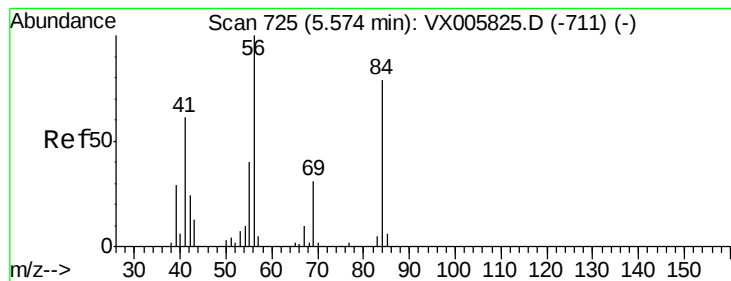
Tot Ion: 42 Resp: 207970
Ion Ratio Lower Upper
42 100
72 39.8 32.0 48.0
71 37.4 29.8 44.8



#30
Chloroform
Concen: 43.936 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 83 Resp: 121962
Ion Ratio Lower Upper
83 100
85 69.4 50.6 76.0





#31

Cyclohexane

Concen: 46.452 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

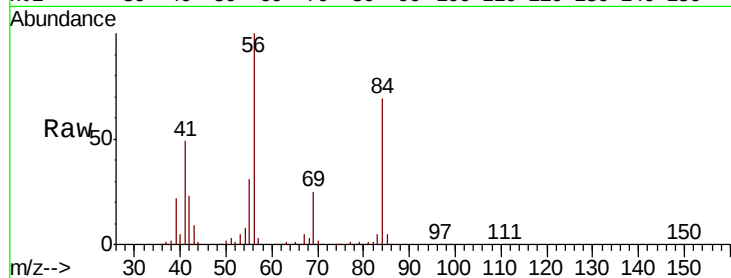
Tot Ion: 56 Resp: 116019

Ion Ratio Lower Upper

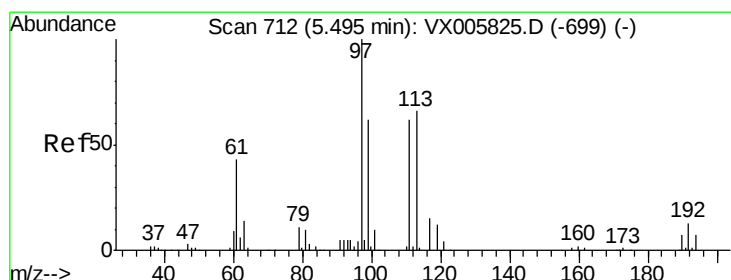
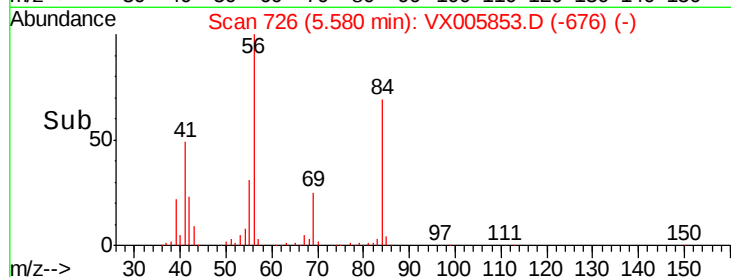
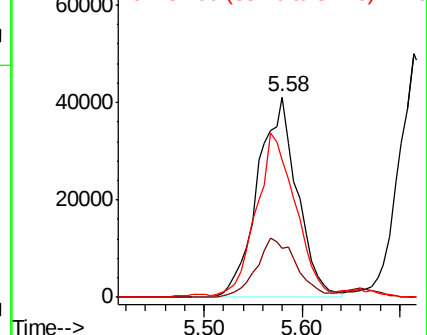
56 100

69 24.7 22.6 34.0

84 67.3 62.7 94.1



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



#32

1,1,1-Trichloroethane

Concen: 44.590 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

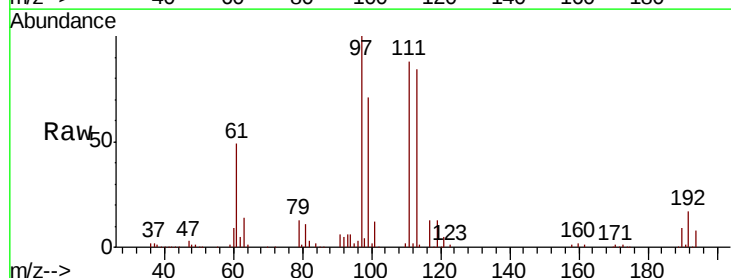
Tgt Ion: 97 Resp: 103244

Ion Ratio Lower Upper

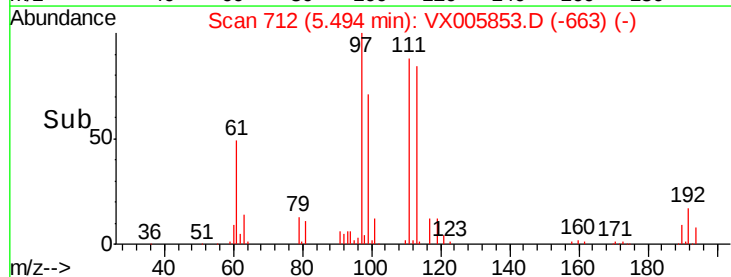
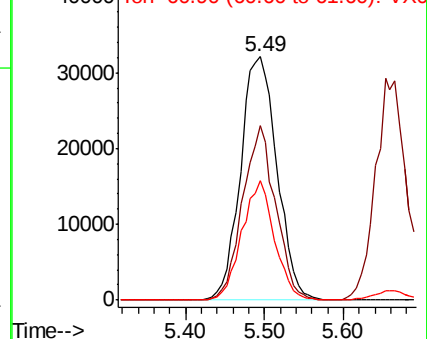
97 100

99 64.8 52.3 78.5

61 44.0 35.2 52.8



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

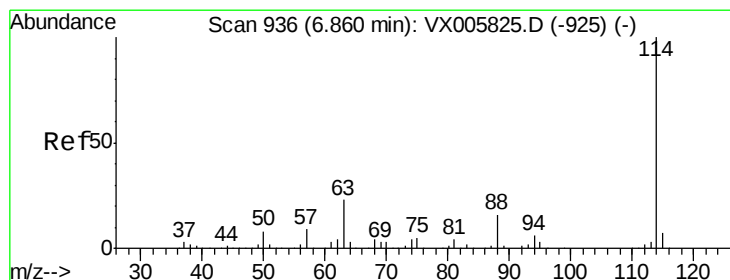
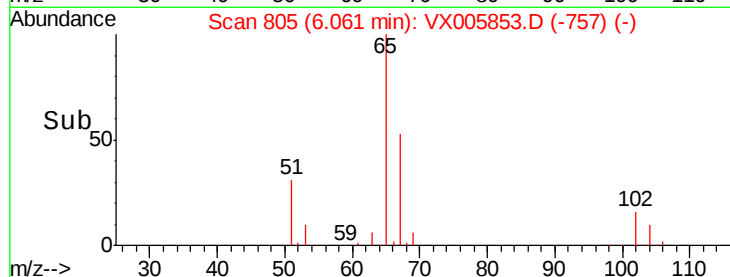
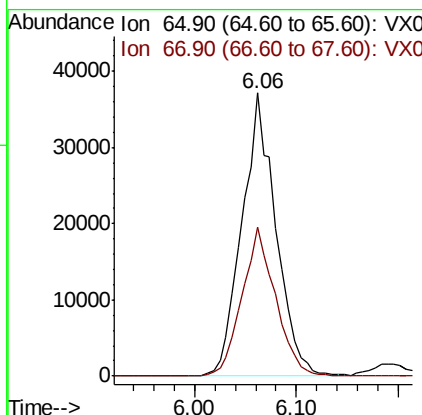
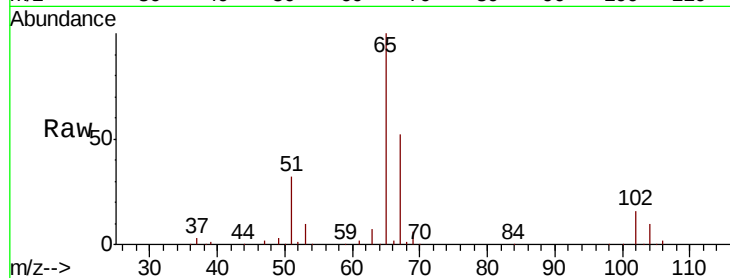




#33
 1,2-Dichloroethane-d4
 Concen: 47.873 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

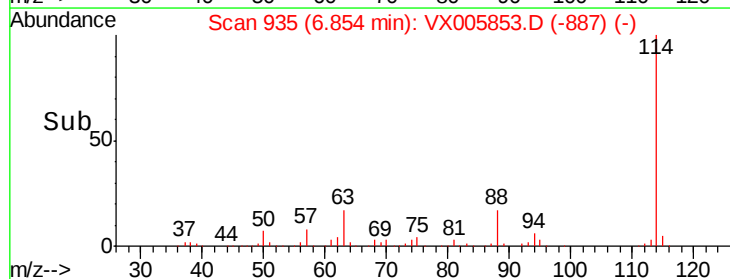
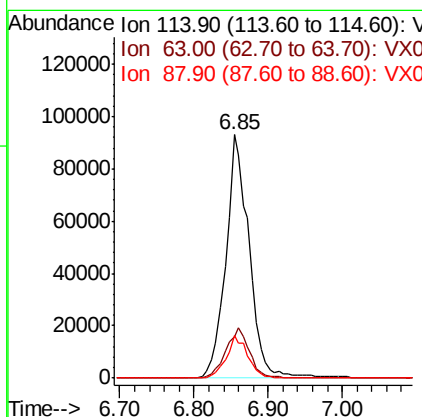
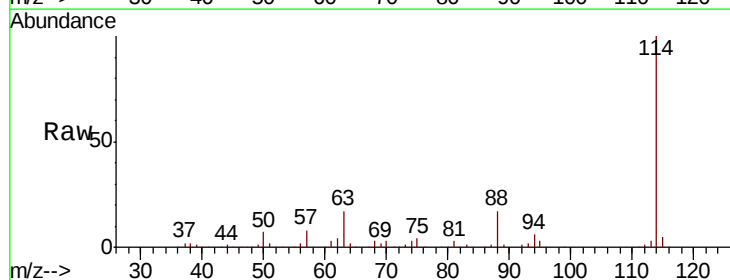
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

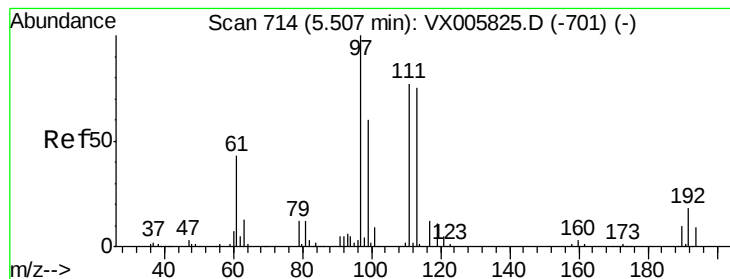
Tot Ion: 65 Resp: 85830
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion: 114 Resp: 203661
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 42.8
 88 17.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.392 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

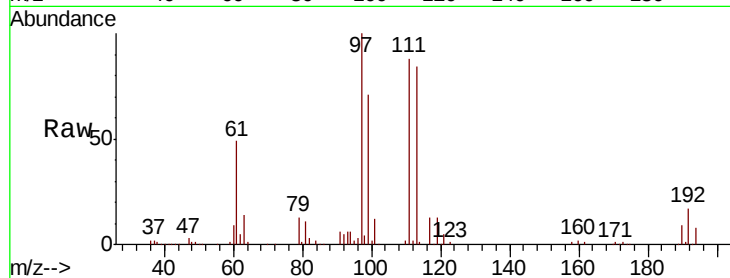
Tot Ion:113 Resp: 72573

Ion Ratio Lower Upper

113 100

111 101.1 82.3 123.5

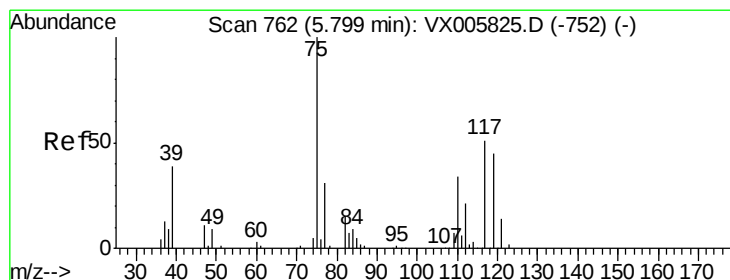
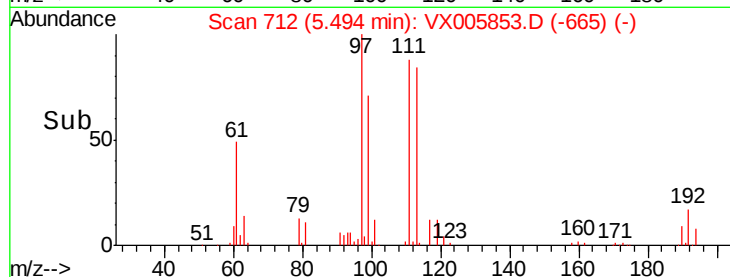
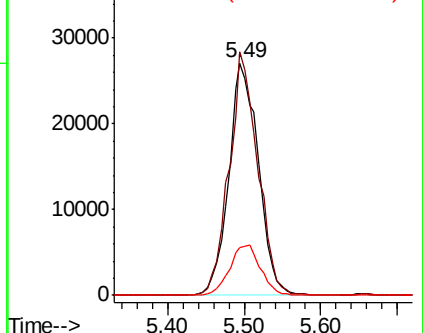
192 22.6 17.9 26.9



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: 47.510 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

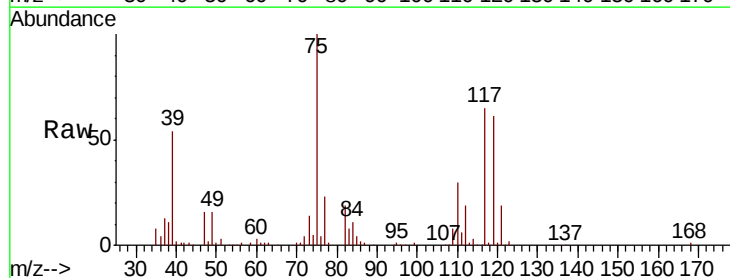
Tgt Ion: 75 Resp: 93279

Ion Ratio Lower Upper

75 100

110 34.6 17.4 52.2

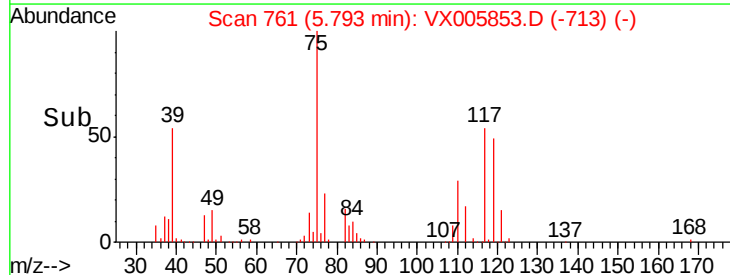
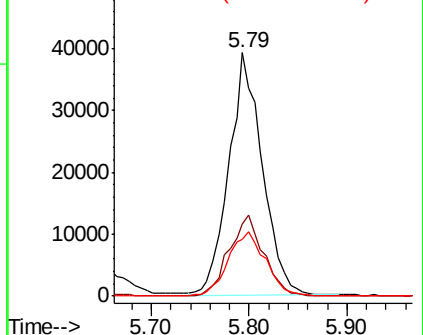
77 29.7 25.8 38.6

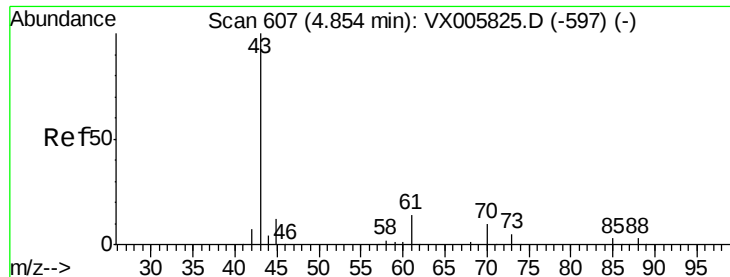


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.490 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

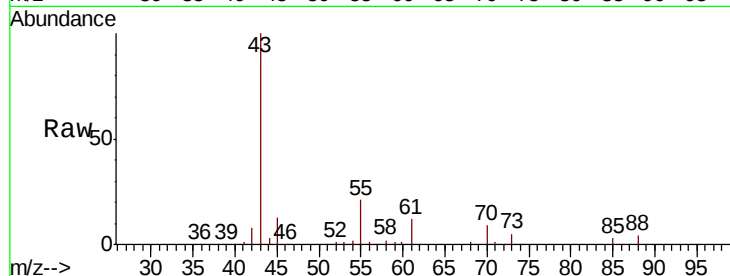
Tot Ion: 43 Resp: 120029

Ion Ratio Lower Upper

43 100

61 13.4 10.8 16.2

70 10.0 7.8 11.8

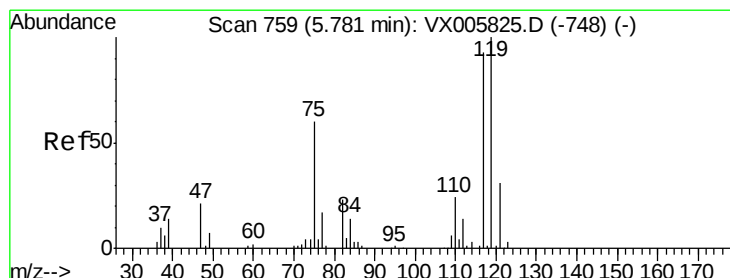
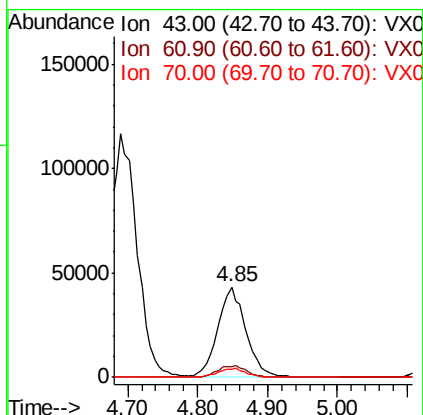
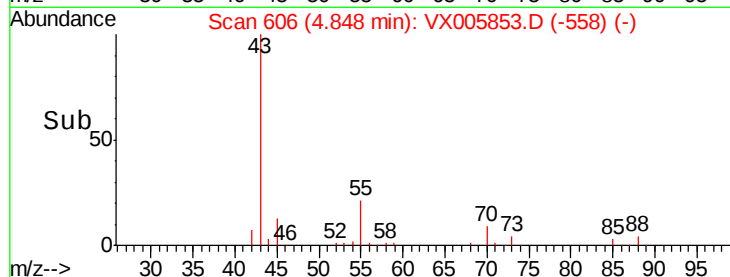


Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX005825.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005825.D (-597) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 46.114 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

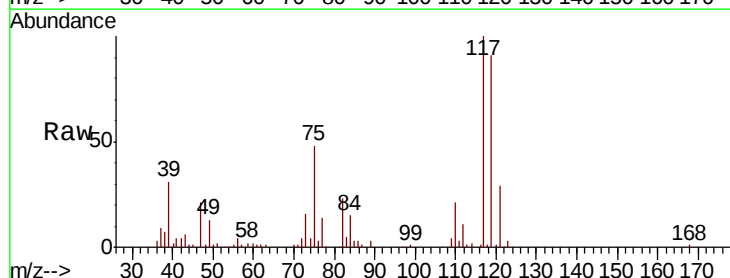
Tgt Ion: 117 Resp: 90639

Ion Ratio Lower Upper

117 100

119 90.8 78.1 117.1

121 28.7 24.6 36.8

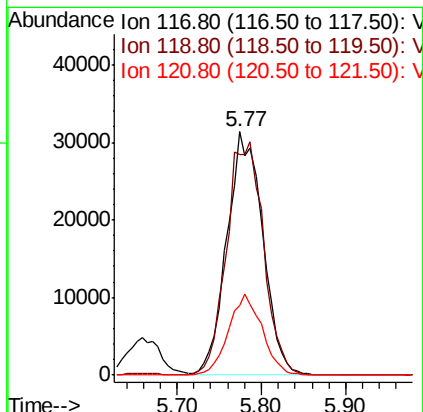
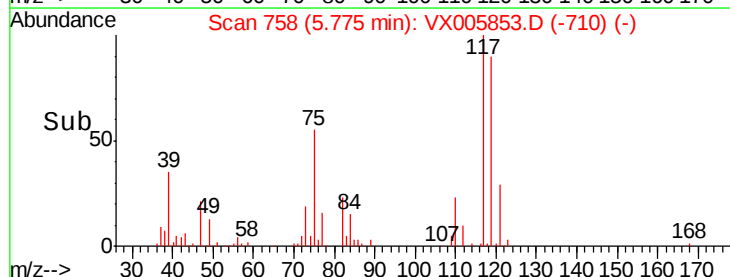


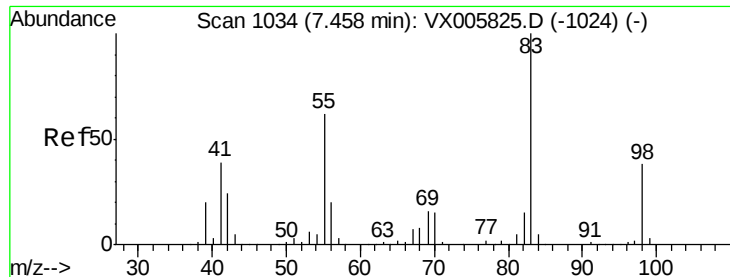
Abundance Ion 116.80 (116.50 to 117.50): VX005825.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005825.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005825.D (-748) (-)

Time-->

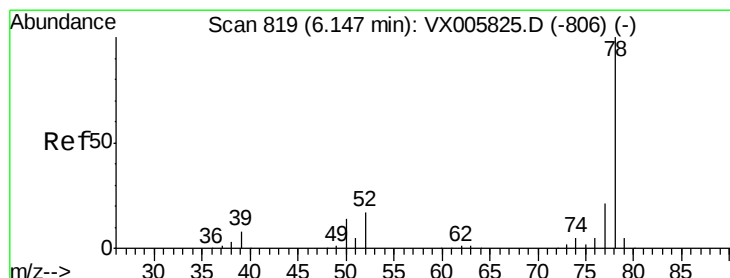
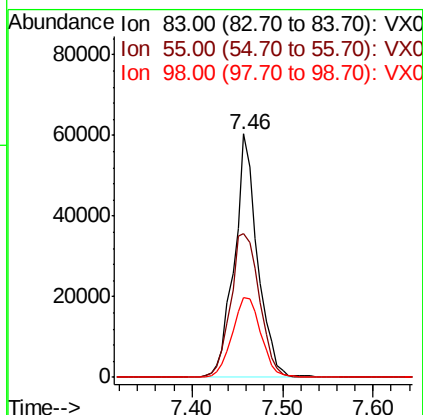
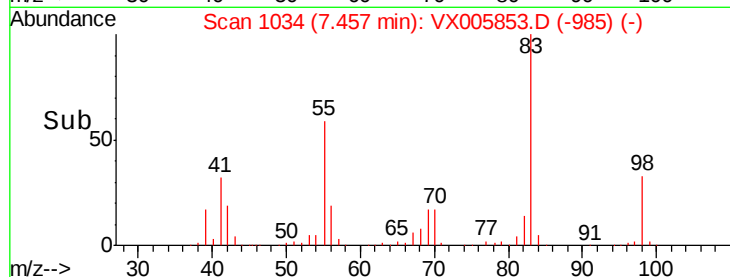
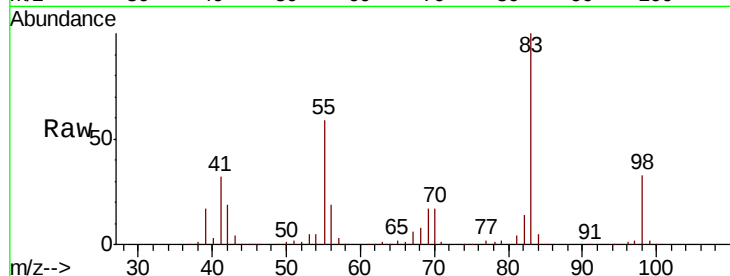




#39
Methvlcvclohexane
Concen: 53.785 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

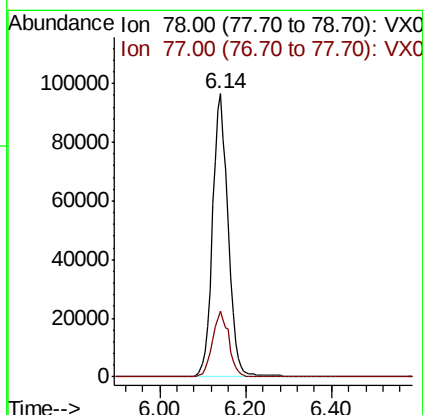
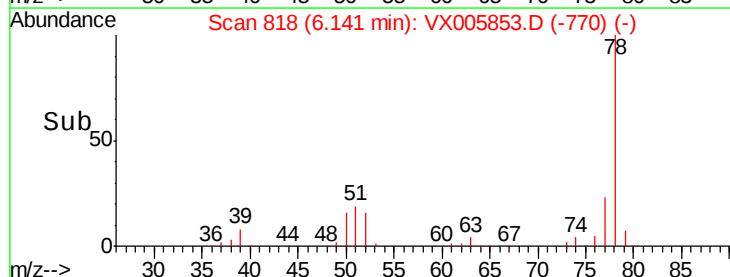
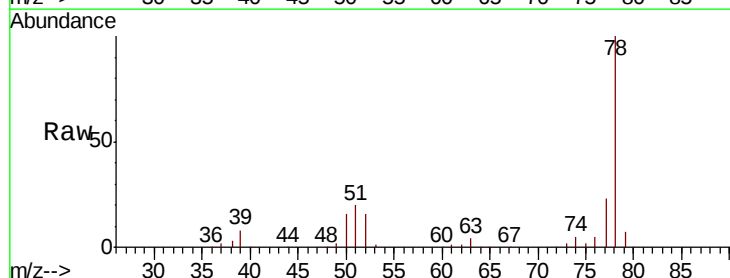
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

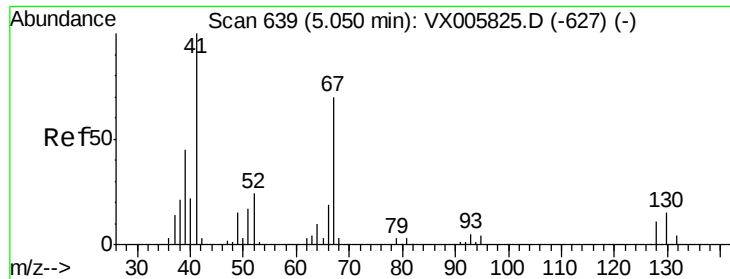
Tot Ion: 83 Resp: 107027
Ion Ratio Lower Upper
83 100
55 58.9 63.7 95.5#
98 32.9 36.2 54.2#



#40
Benzene
Concen: 43.421 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 78 Resp: 248521
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6

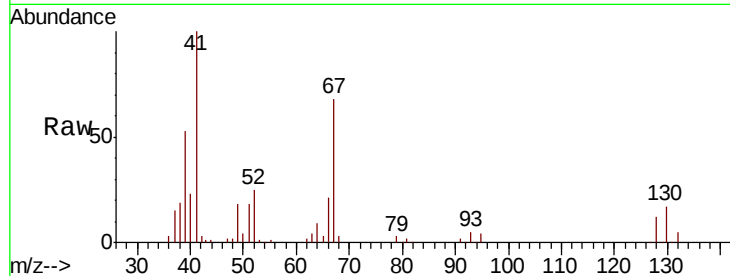




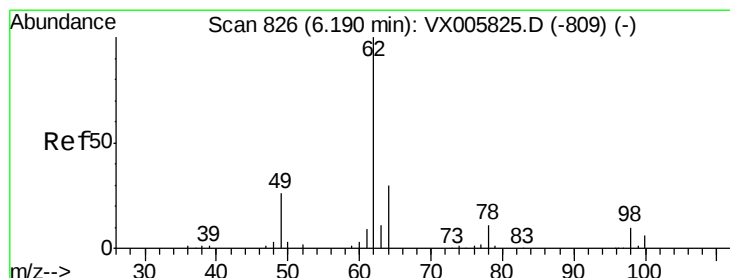
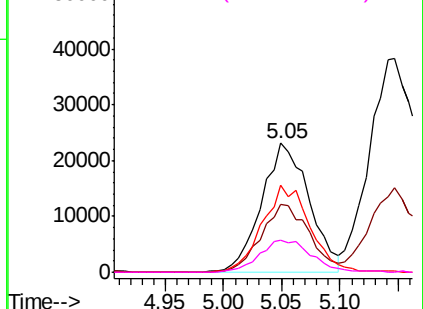
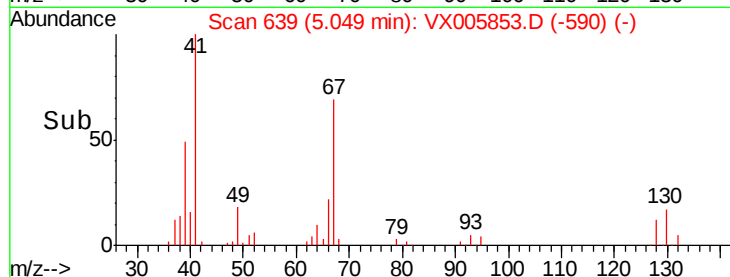
#41
Methacrylonitrile
Concen: 47.056 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	65647
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.2	63.2
67	67.6	53.4	80.0
52	27.2	23.4	35.2

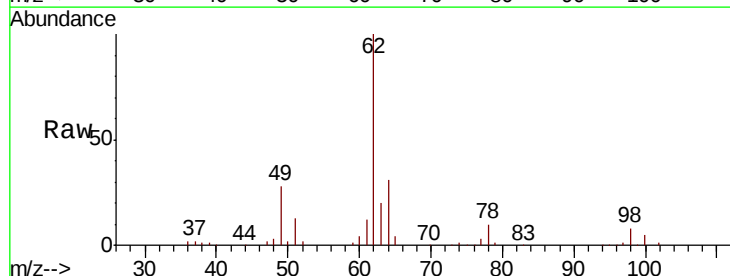


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

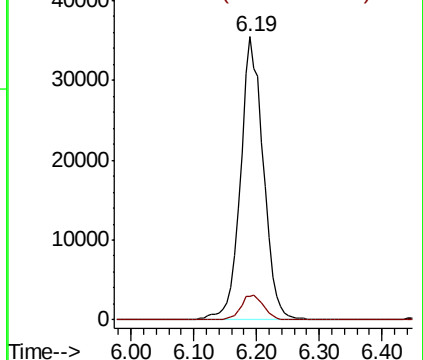
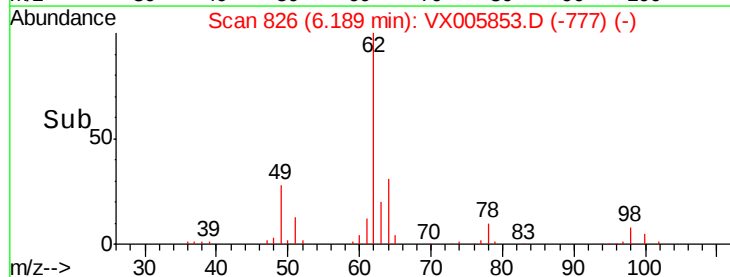


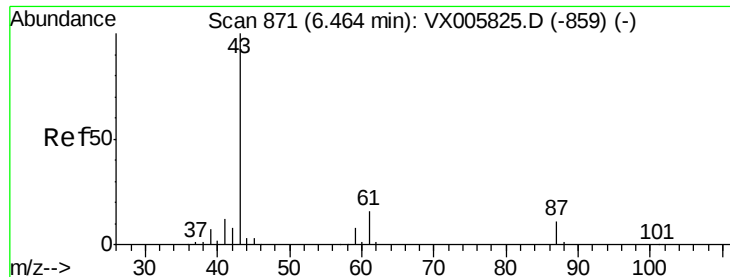
#42
1,2-Dichloroethane
Concen: 43.625 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion:	62	Resp:	89433
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



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



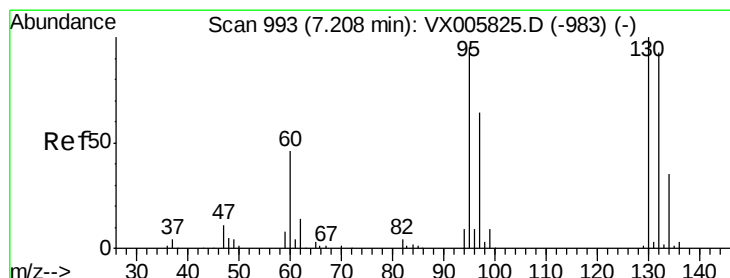
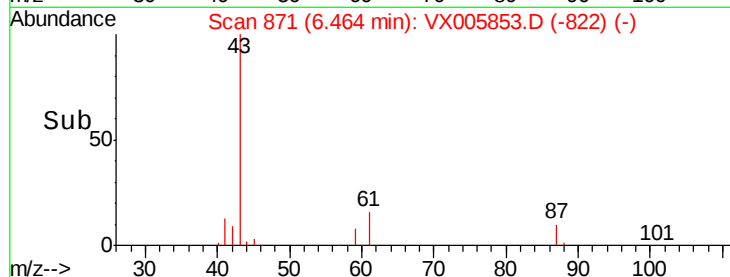
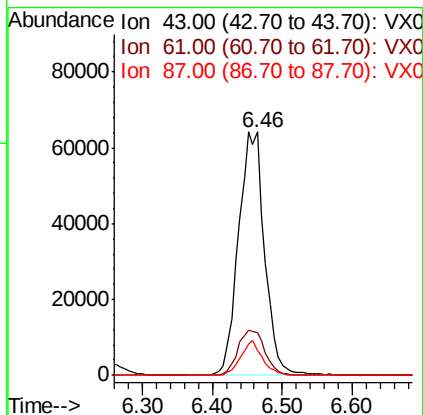
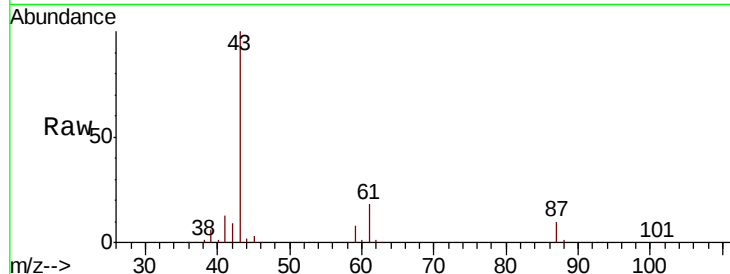


#43

Isopropyl Acetate
 Concen: 44.503 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

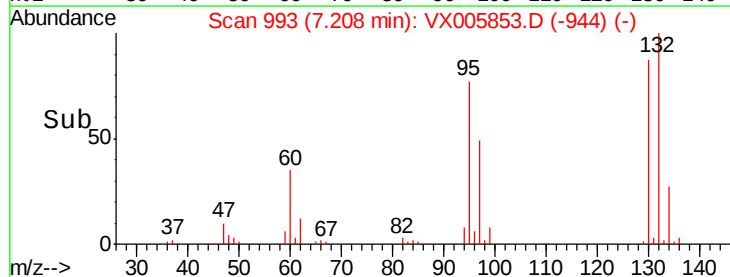
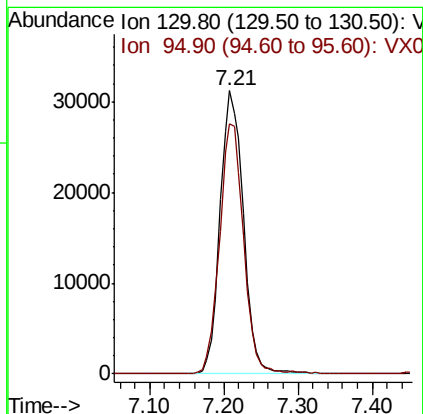
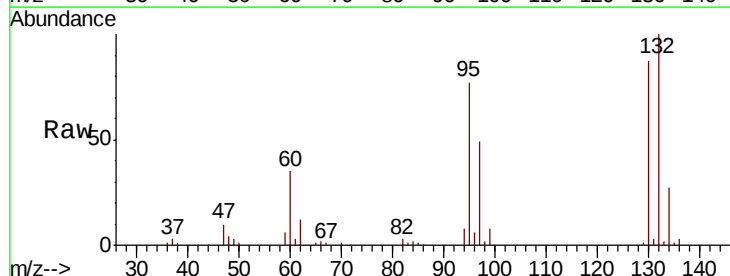
Tot Ion: 43 Resp: 166490
 Ion Ratio Lower Upper
 43 100
 61 19.4 14.6 22.0
 87 11.9 9.6 14.4

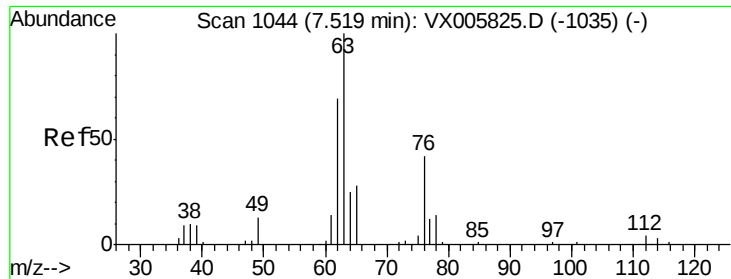


#44

Trichloroethene
 Concen: 46.712 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion:130 Resp: 67898
 Ion Ratio Lower Upper
 130 100
 95 88.3 0.0 194.2

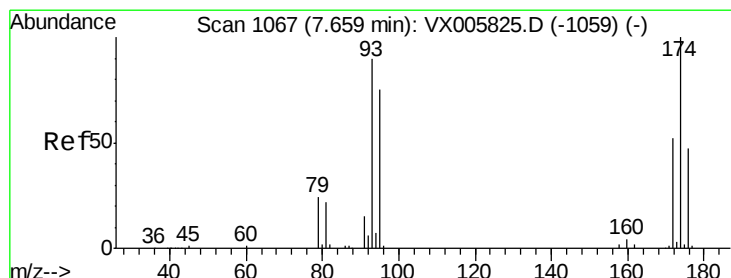
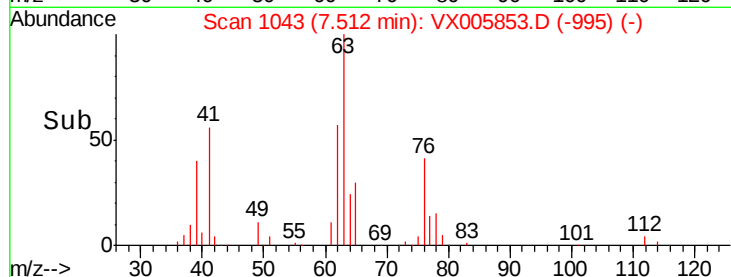
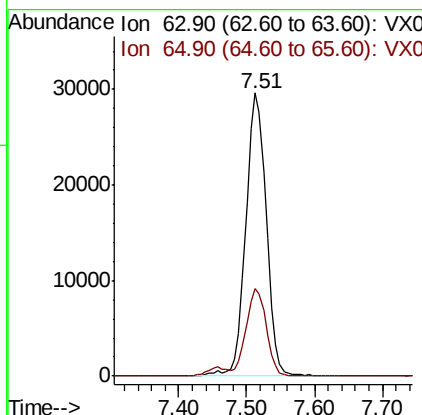
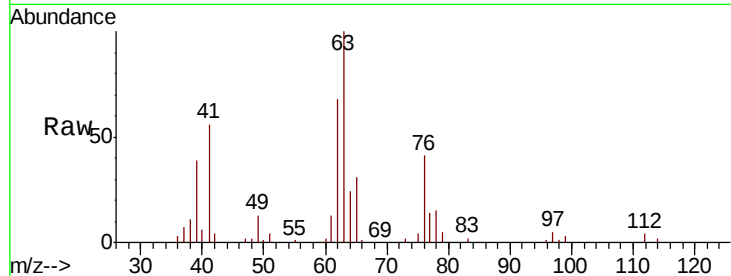




#45
 1,2-Dichloropropane
 Concen: 44.781 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

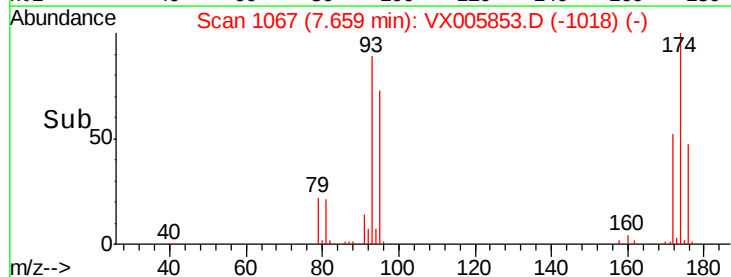
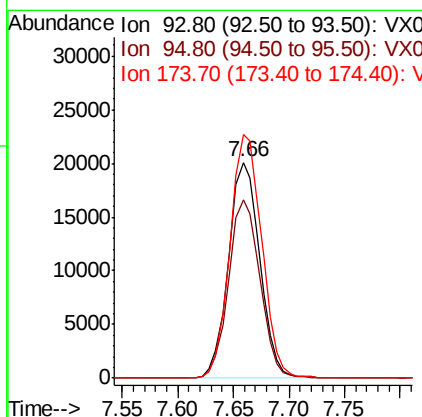
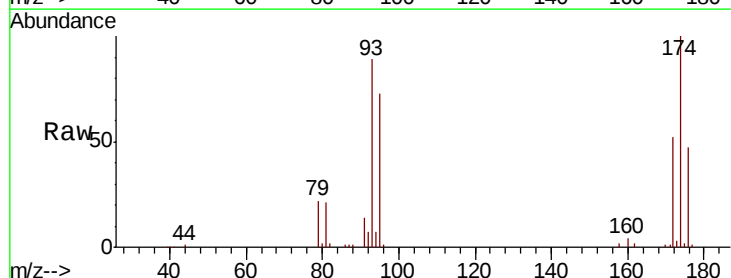
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 62210
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 44.892 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion: 93 Resp: 39134
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.4 101.0
 174 114.6 91.5 137.3





#47

Bromodichloromethane

Concen: 47.154 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

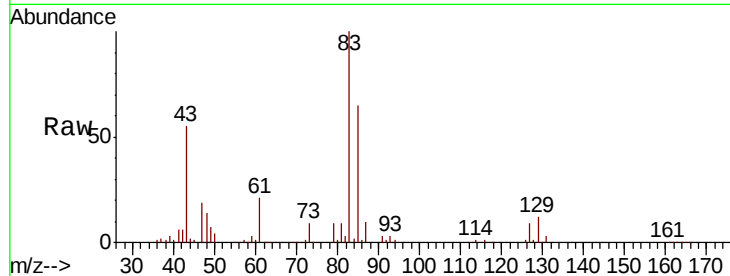
Tot Ion: 83 Resp: 77685

Ion Ratio Lower Upper

83 100

85 65.2 50.2 75.4

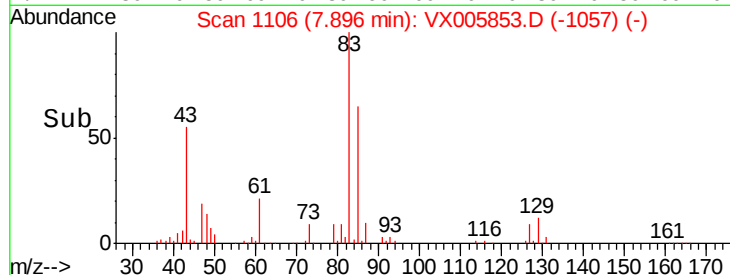
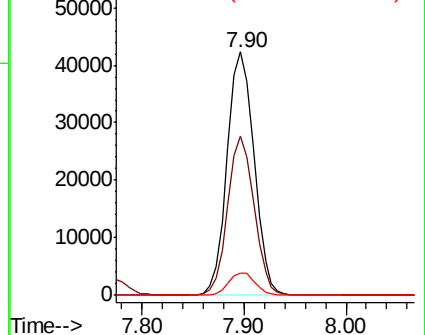
127 9.2 6.9 10.3



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: 46.966 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

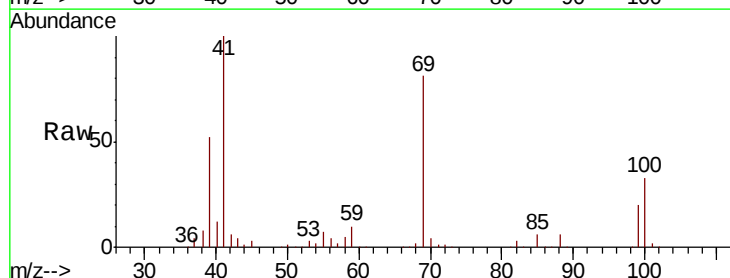
Tgt Ion: 41 Resp: 78895

Ion Ratio Lower Upper

41 100

69 78.3 63.2 94.8

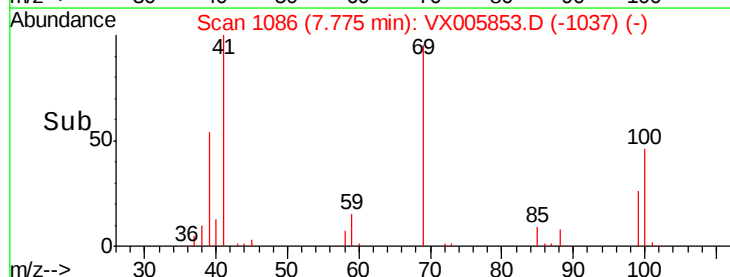
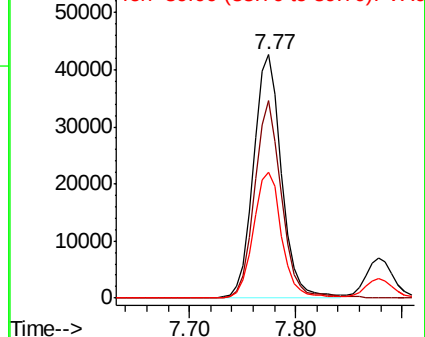
39 52.2 42.2 63.2

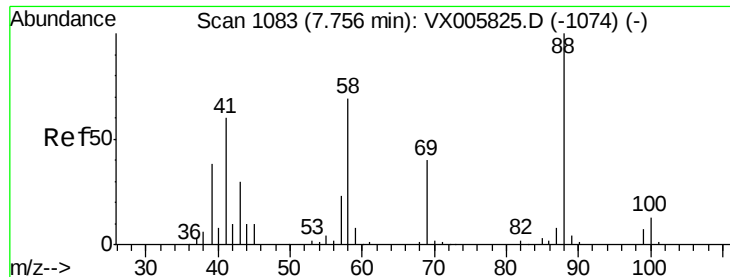


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

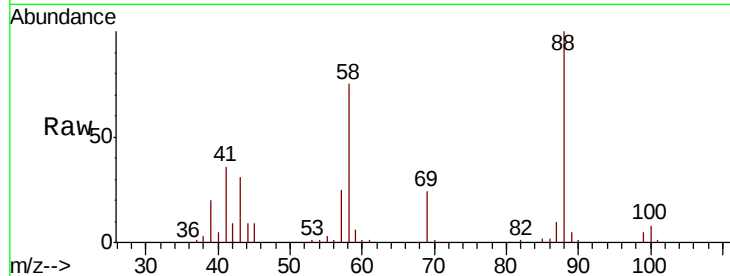




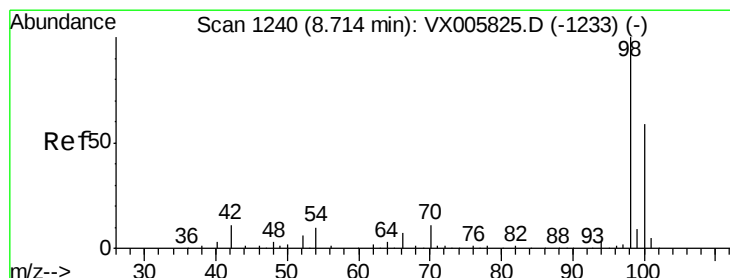
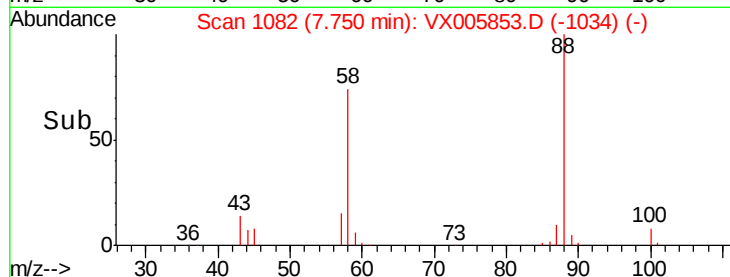
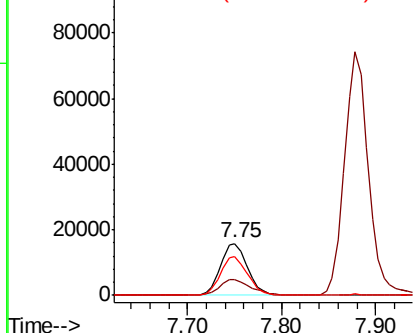
#49
1,4-Dioxane
Concen: 869.581 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 31477
Ion Ratio Lower Upper
88 100
43 36.0 27.4 41.0
58 74.8 59.4 89.2

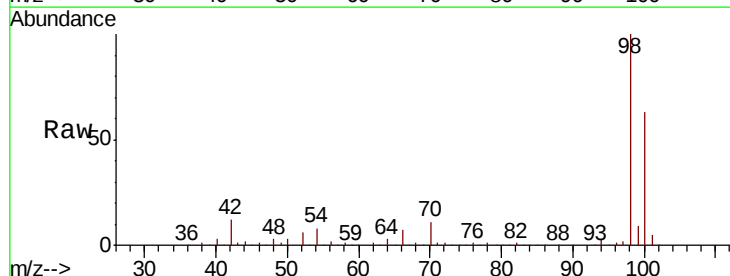


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

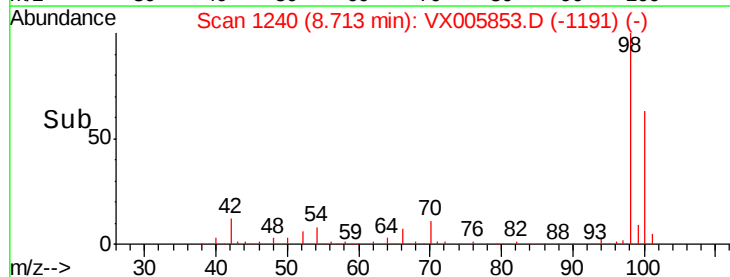
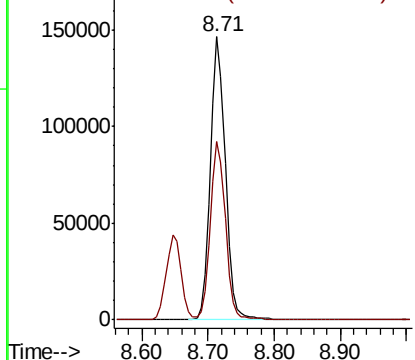


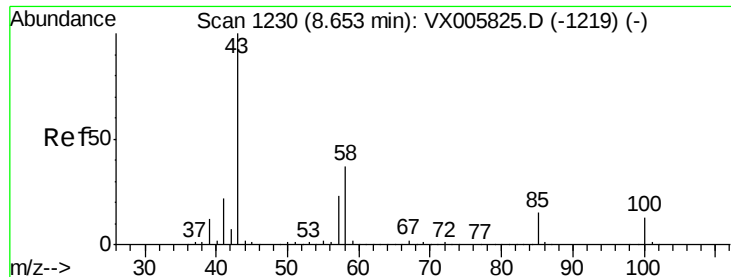
#50
Toluene-d8
Concen: 50.048 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 98 Resp: 230483
Ion Ratio Lower Upper
98 100
100 63.6 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: 217.272 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

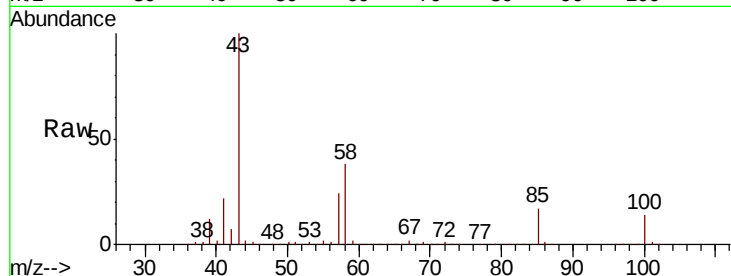
VSTDCCC050

Tot Ion: 43 Resp: 512282

Ion Ratio Lower Upper

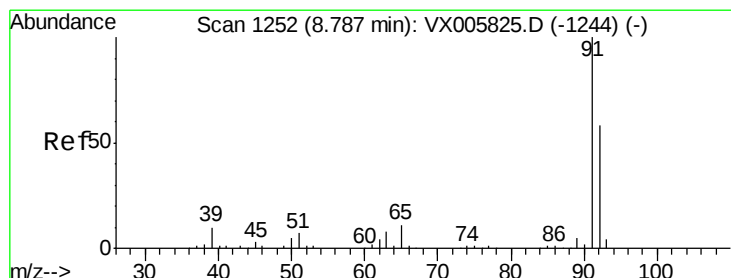
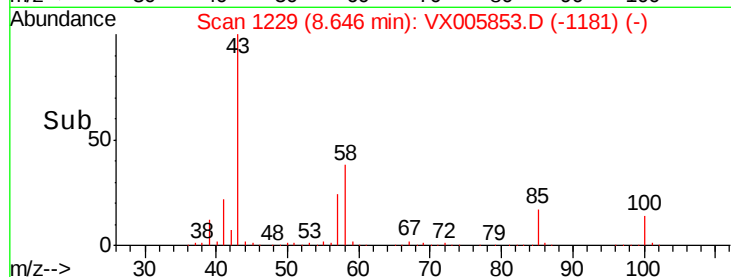
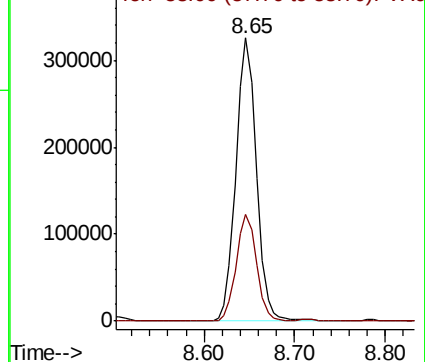
43 100

58 37.3 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: 44.338 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005853.D

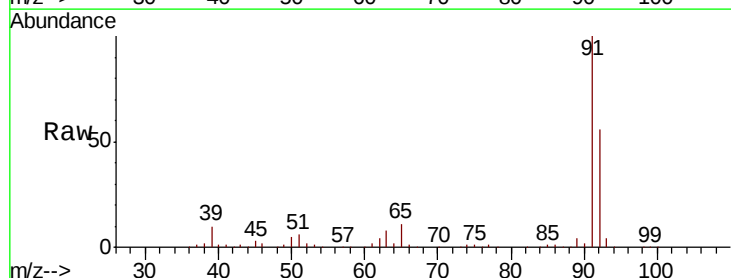
Acq: 09 Nov 2018 10:09

Tgt Ion: 92 Resp: 141829

Ion Ratio Lower Upper

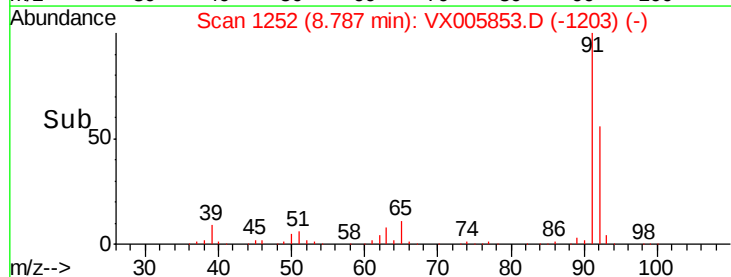
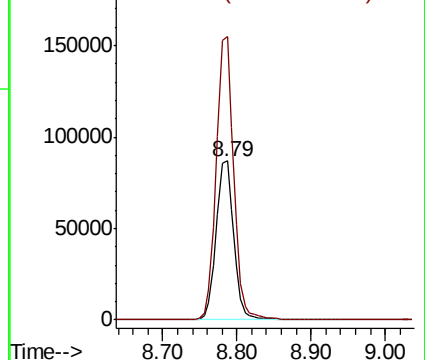
92 100

91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

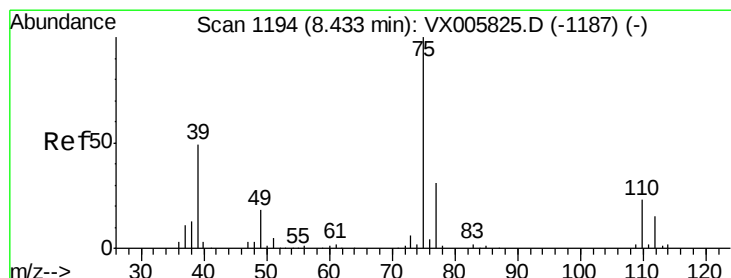
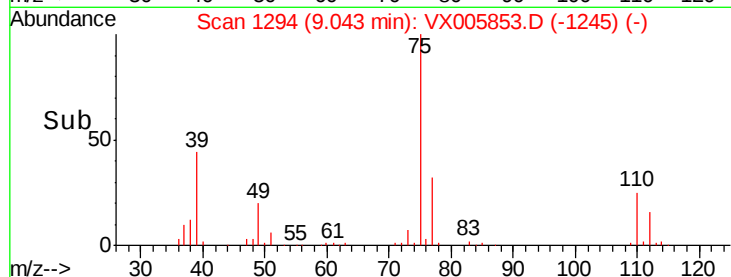
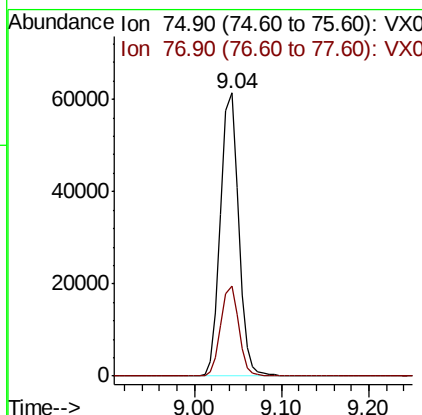
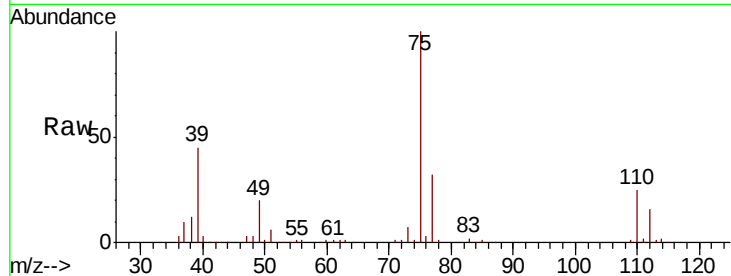




#53
t-1,3-Dichloropropene
Concen: 45.374 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

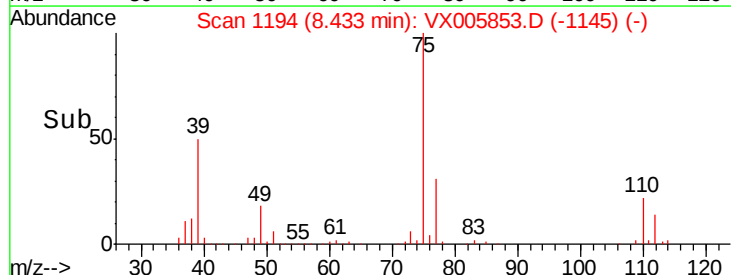
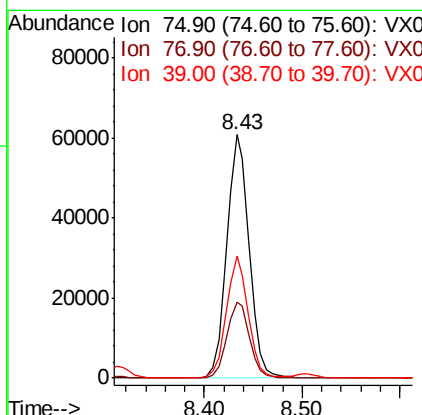
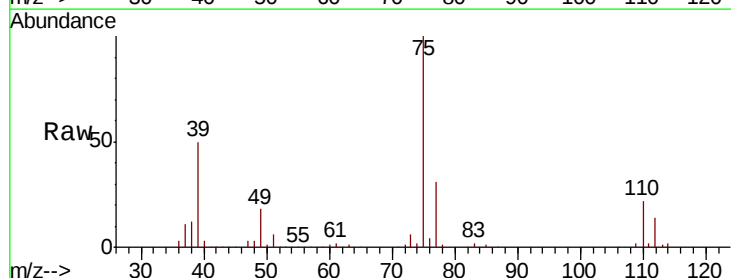
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 88215
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.430 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 75 Resp: 95969
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 50.1 38.2 57.2

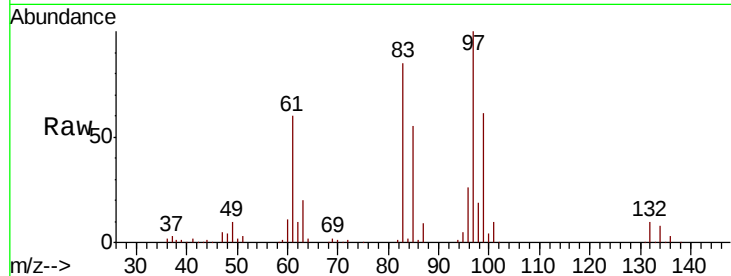




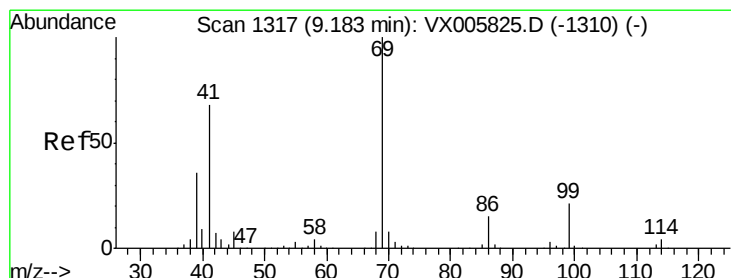
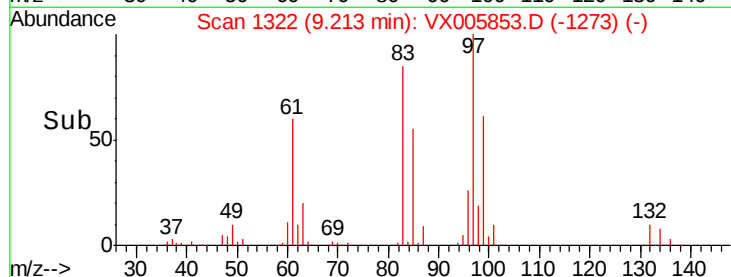
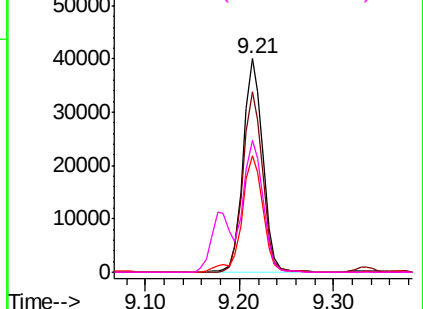
#55
 1,1,2-Trichloroethane
 Concen: 40.962 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 58397
 Ion Ratio Lower Upper
 97 100
 83 84.7 70.7 106.1
 85 54.7 45.8 68.6
 99 61.5 51.8 77.8

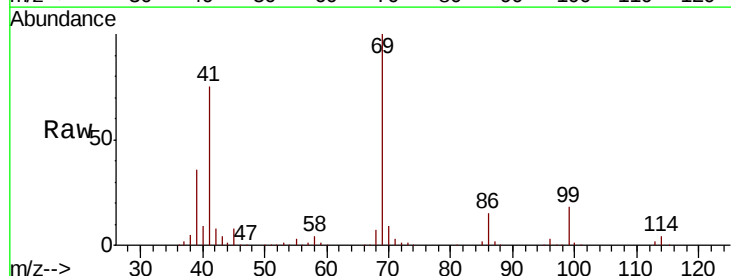


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

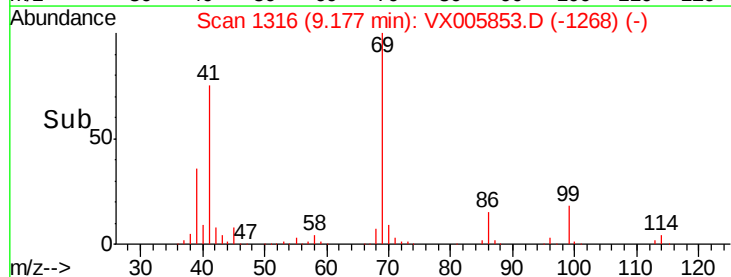
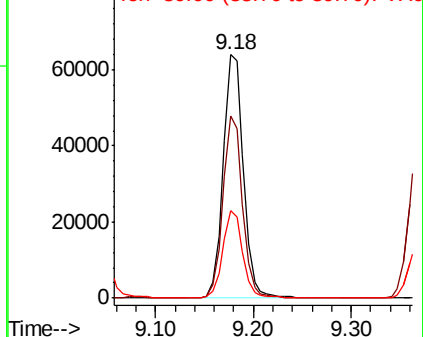


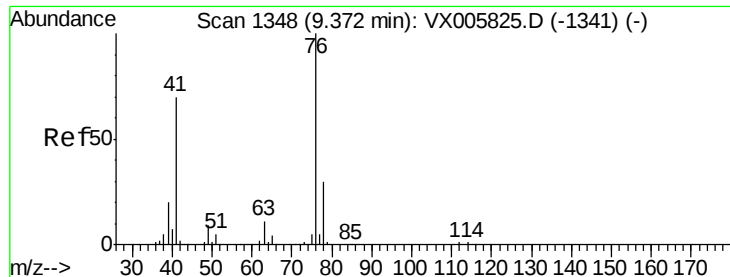
#56
 Ethyl methacrylate
 Concen: 42.876 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion: 69 Resp: 91460
 Ion Ratio Lower Upper
 69 100
 41 73.1 57.0 85.6
 39 35.3 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

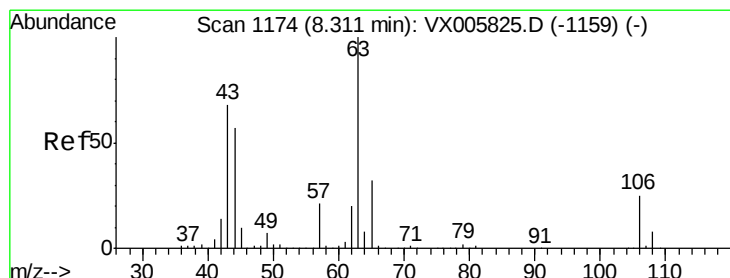
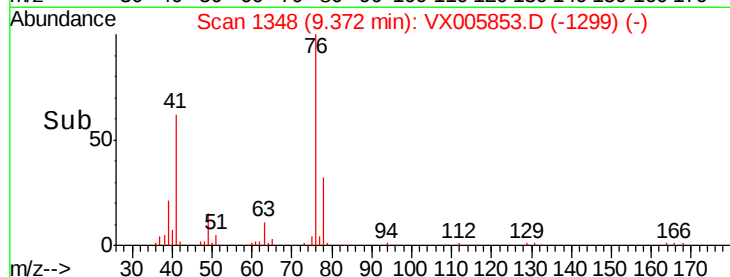
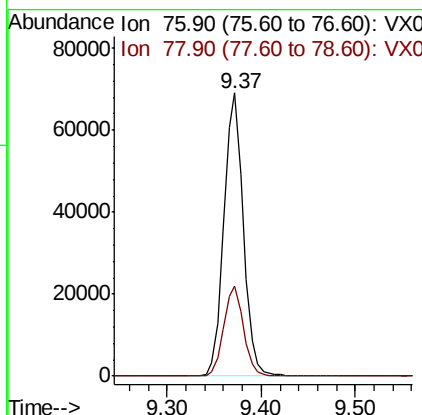
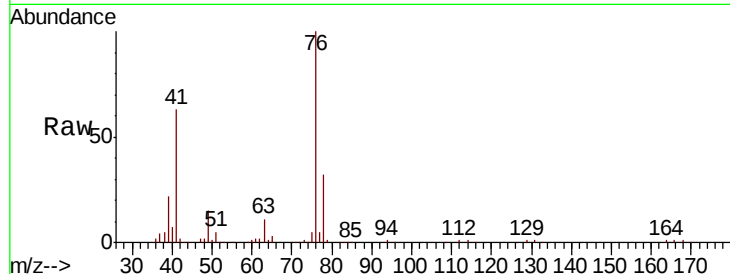




#57
 1,3-Dichloropropane
 Concen: 41.193 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

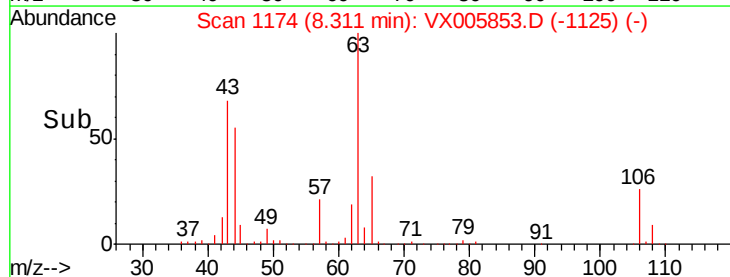
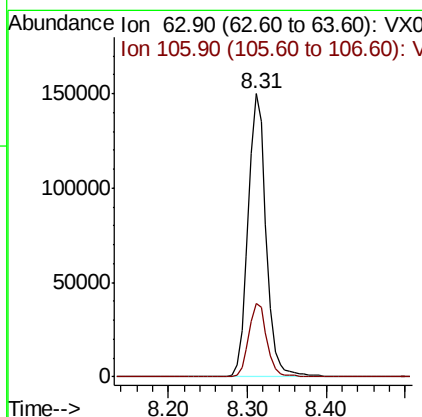
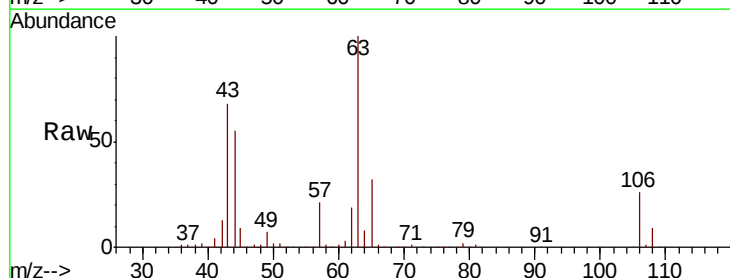
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

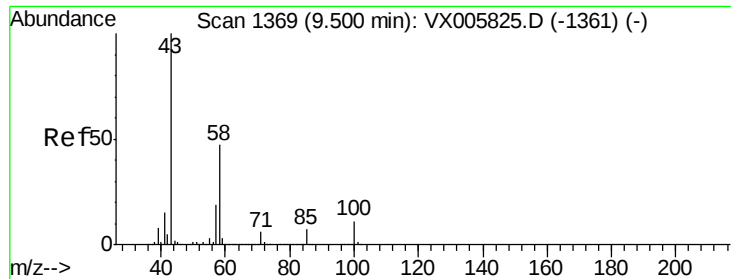
Tot Ion: 76 Resp: 98690
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 206.670 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion: 63 Resp: 238498
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.3 31.9

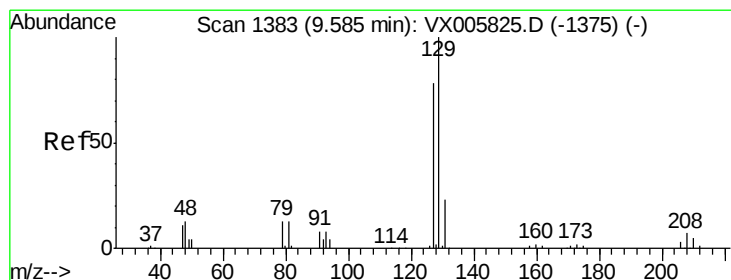
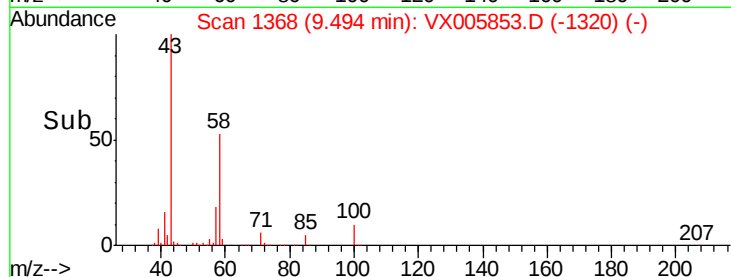
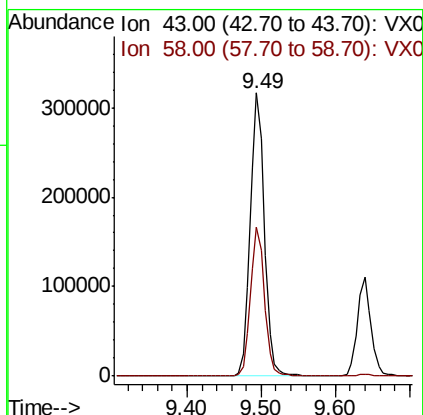
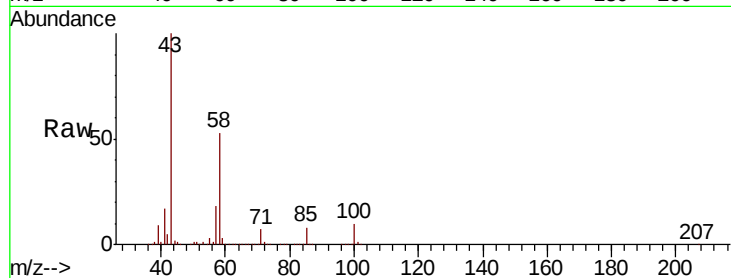




#59
2-Hexanone
Concen: 204.278 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

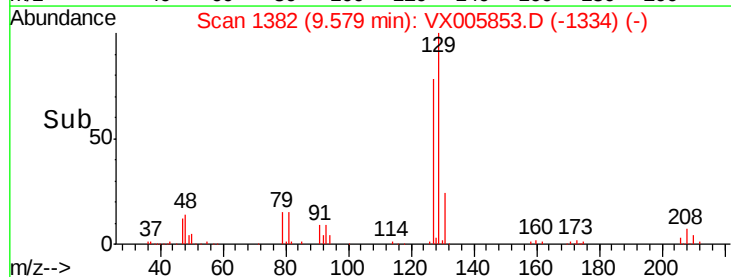
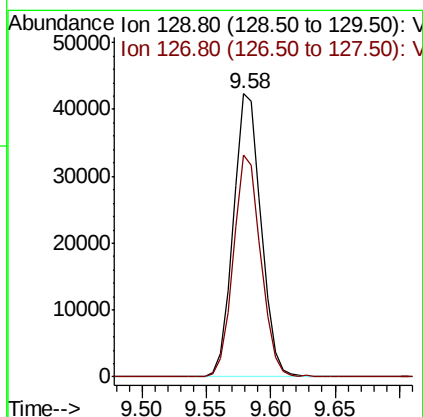
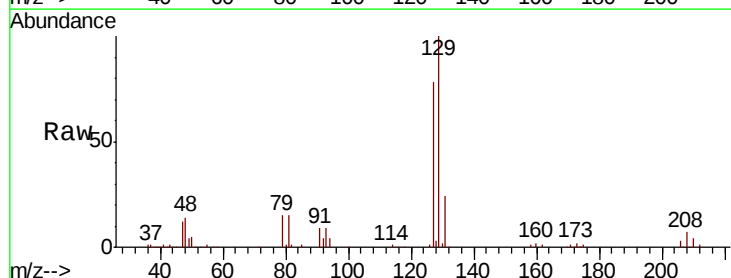
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

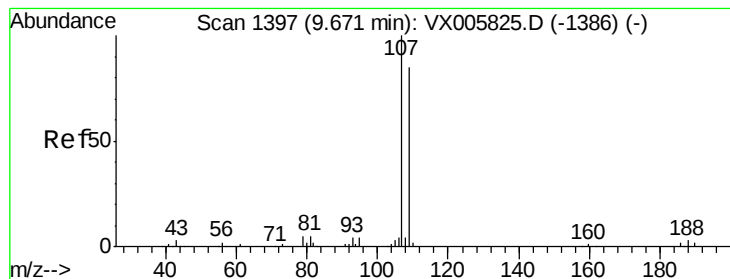
Tot Ion: 43 Resp: 424548
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8



#60
Dibromochloromethane
Concen: 41.239 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 129 Resp: 63539
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 38.513 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

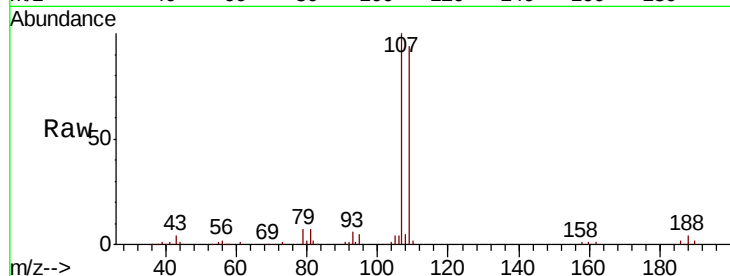
VSTDCCC050

Tot Ion:107 Resp: 60714

Ion Ratio Lower Upper

107 100

109 95.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

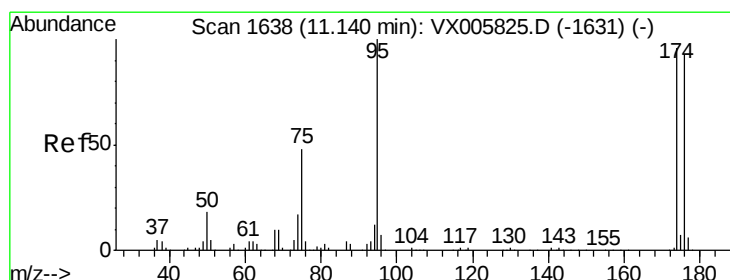
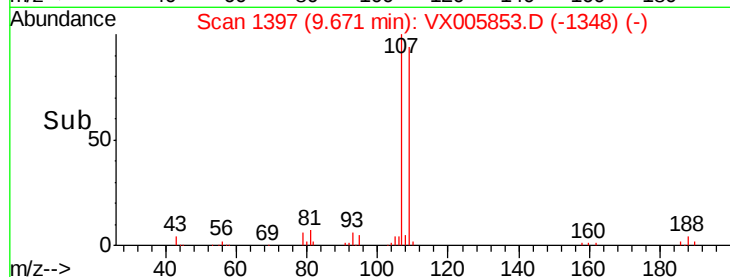
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 52.500 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

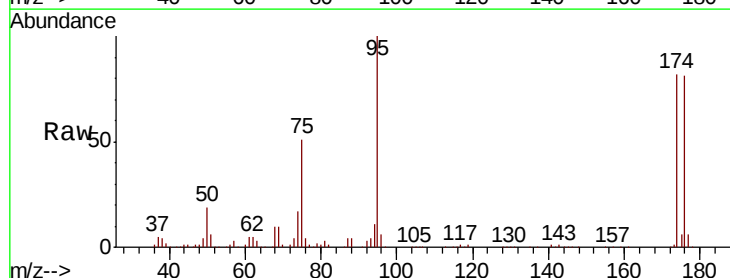
Tgt Ion: 95 Resp: 86926

Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

176 88.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

80000

60000

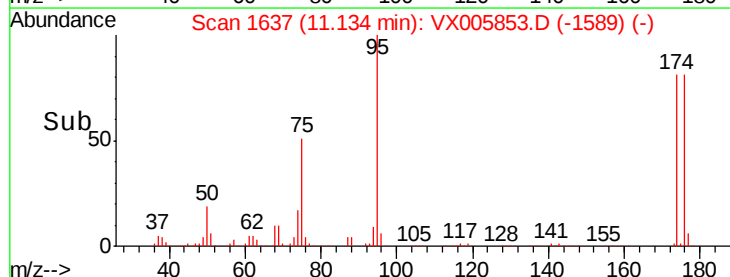
40000

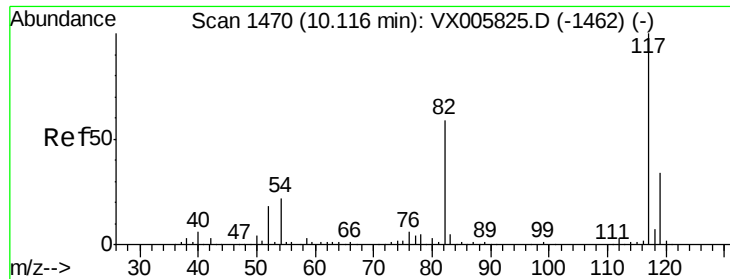
20000

0

11.10 11.20

Time-->

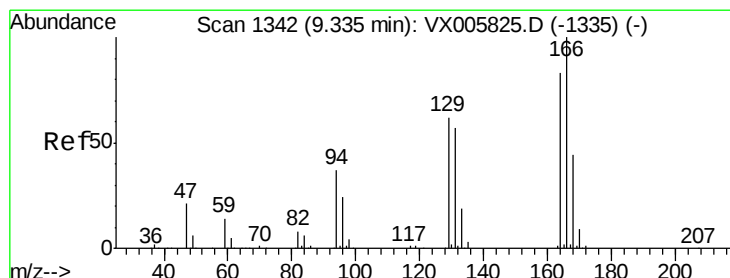
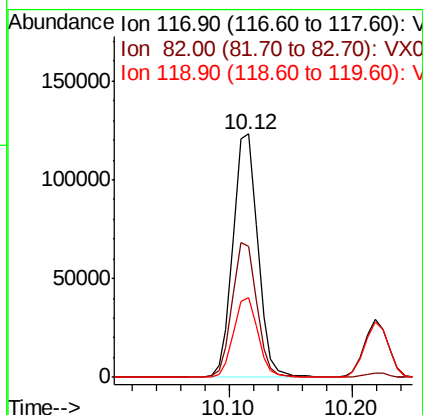
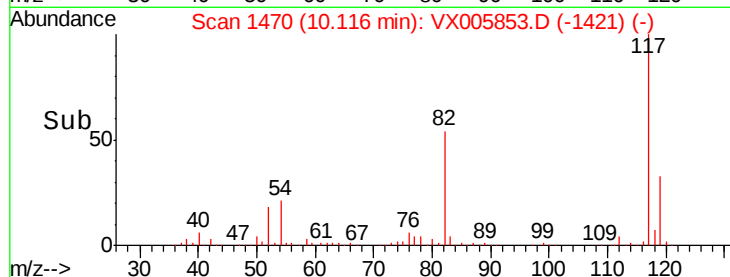
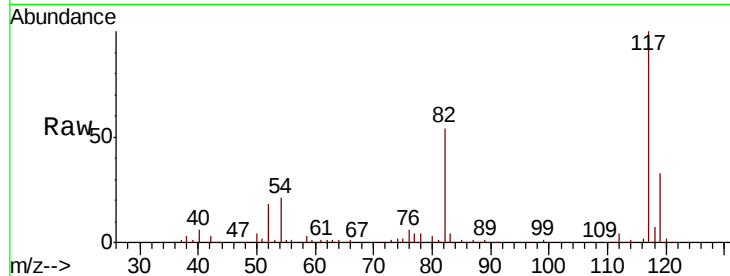




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

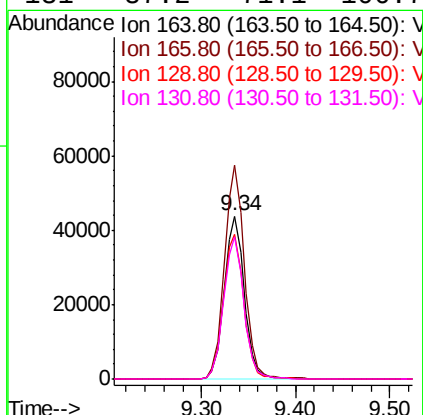
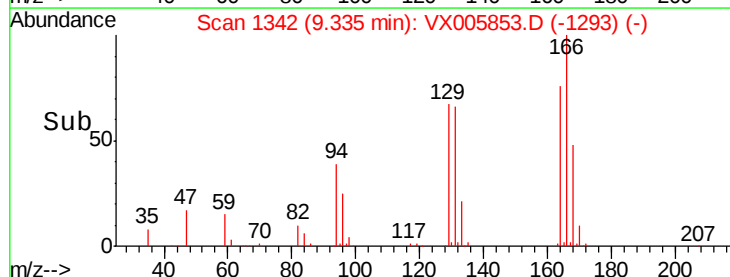
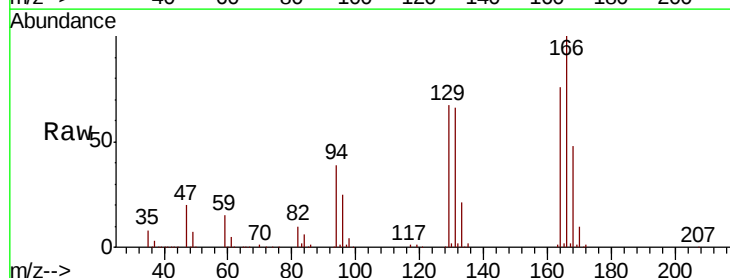
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

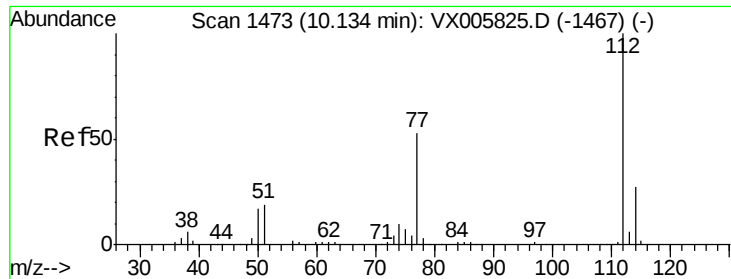
Tot Ion:117 Resp: 172456
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 32.9 26.2 39.2



#64
Tetrachloroethene
Concen: 44.052 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion:164 Resp: 64681
Ion Ratio Lower Upper
164 100
166 131.2 101.9 152.9
129 88.5 72.6 109.0
131 87.2 71.1 106.7

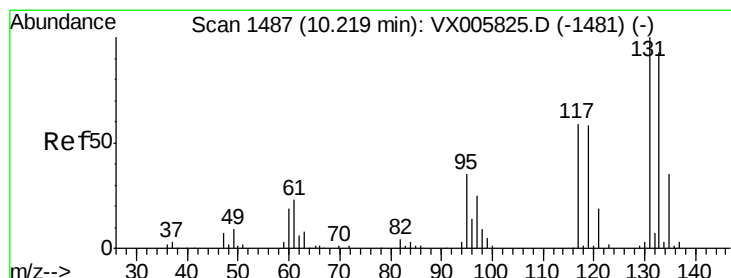
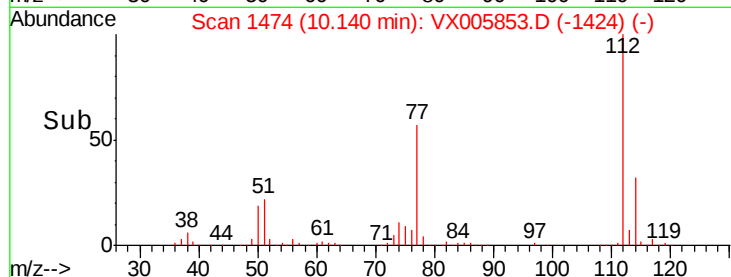
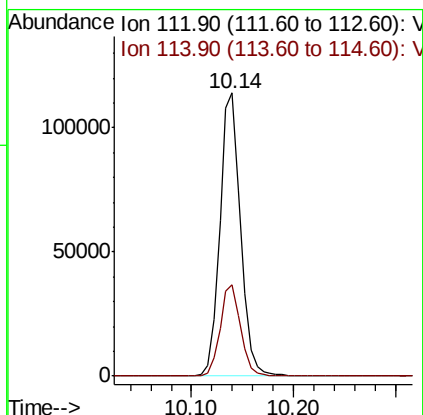
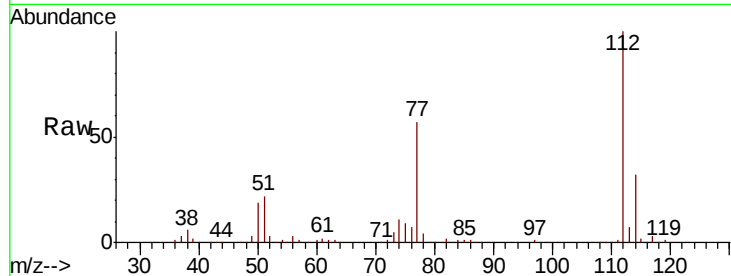




#65
Chlorobenzene
Concen: 46.687 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

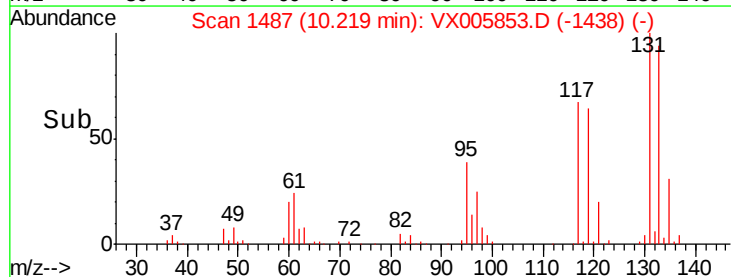
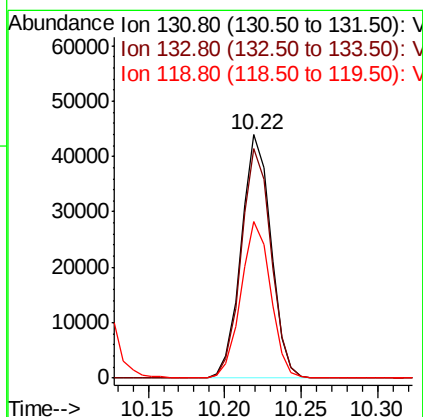
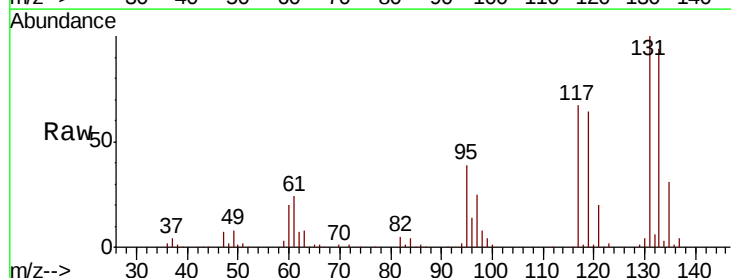
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

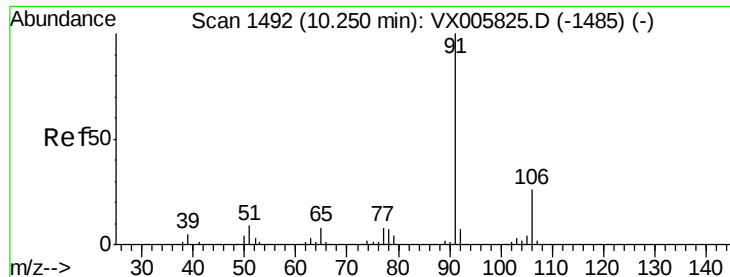
Tot Ion:112 Resp: 161296
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.388 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion:131 Resp: 59320
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 64.0 31.8 95.3





#67

Ethyl Benzene

Concen: 50.720 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

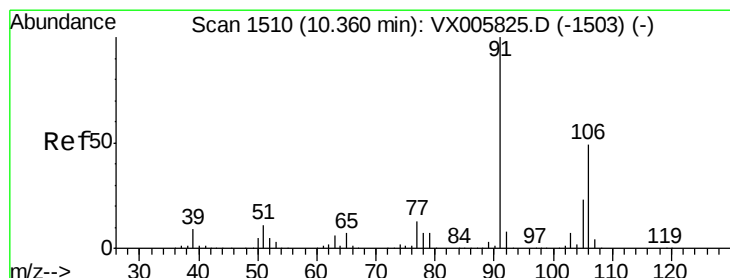
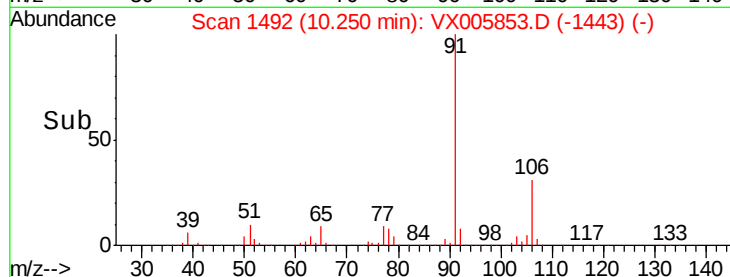
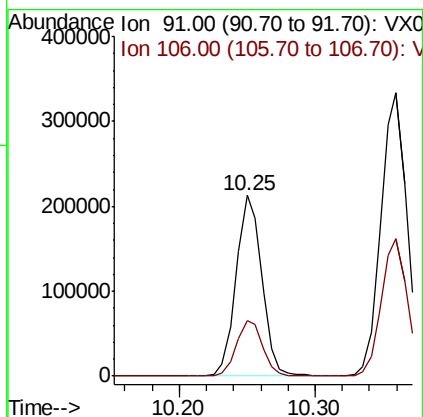
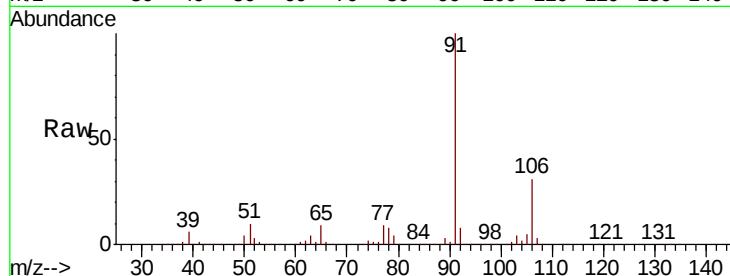
VSTDCCC050

Tot Ion: 91 Resp: 280983

Ion Ratio Lower Upper

91 100

106 30.6 24.4 36.6



#68

m/p-Xylenes

Concen: 102.837 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005853.D

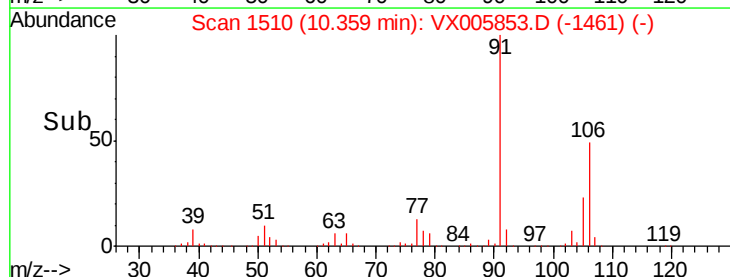
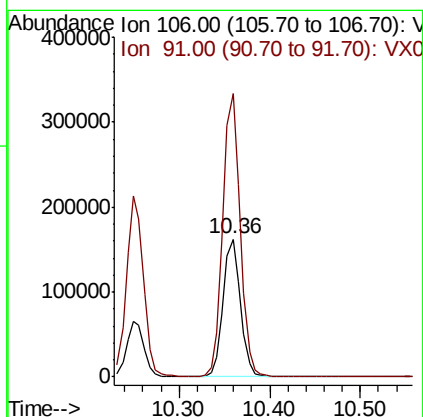
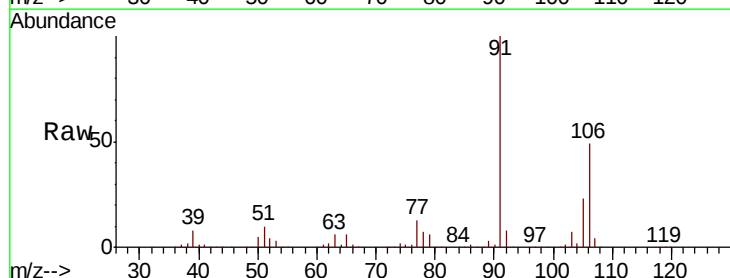
Acq: 09 Nov 2018 10:09

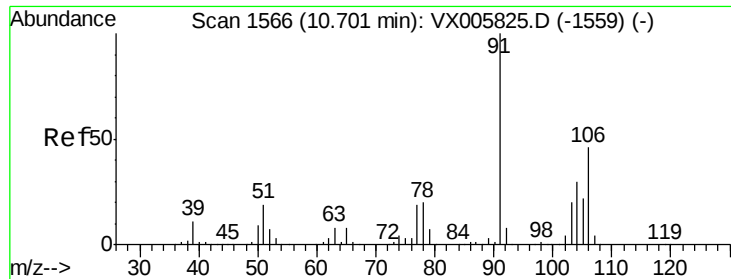
Tgt Ion: 106 Resp: 217309

Ion Ratio Lower Upper

106 100

91 206.9 164.2 246.4

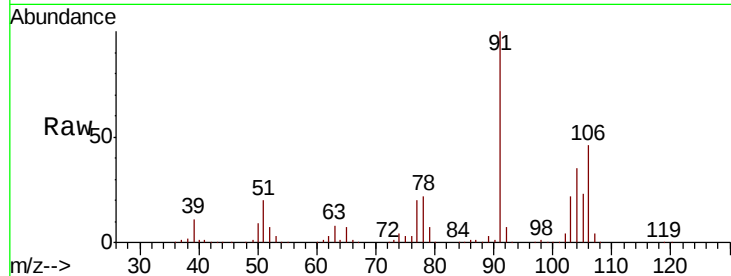




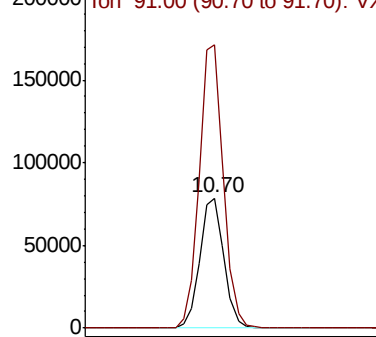
#69
o-Xylene
Concen: 54.365 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

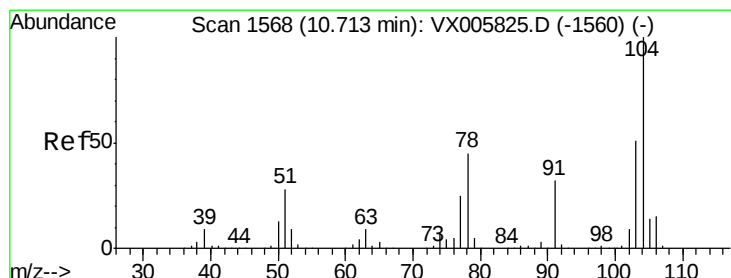
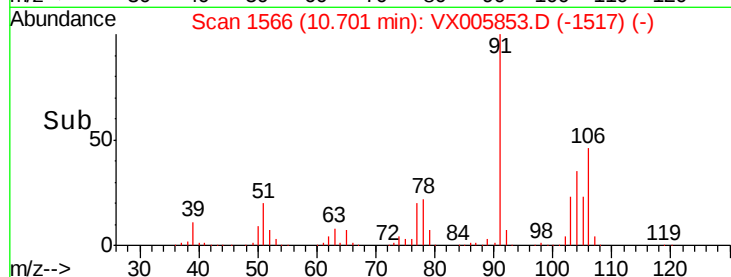
Tot Ion:106 Resp: 103014
Ion Ratio Lower Upper
106 100
91 218.7 108.5 325.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

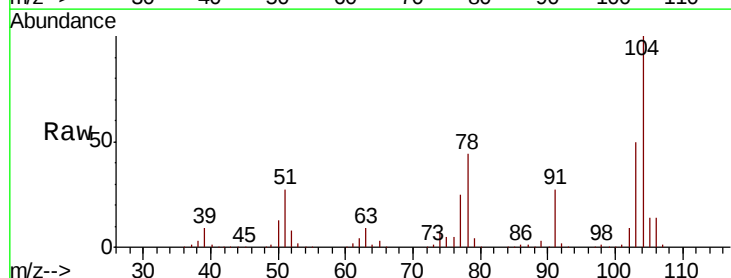


Time-->

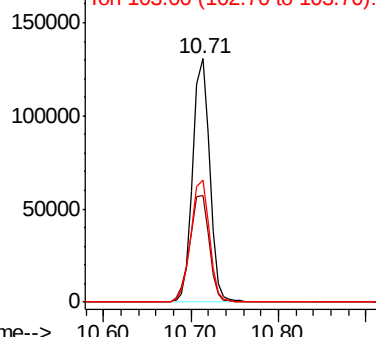


#70
Styrene
Concen: 56.018 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

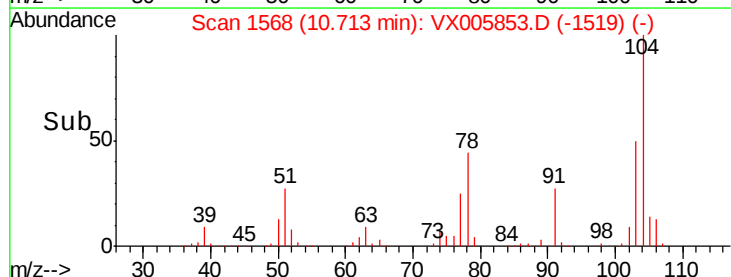
Tgt Ion:104 Resp: 175103
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.4
103 55.3 44.9 67.3

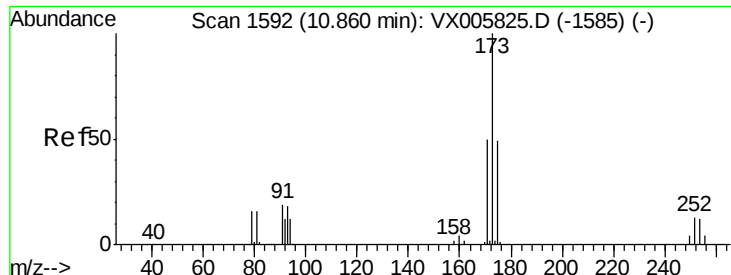


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 51.808 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

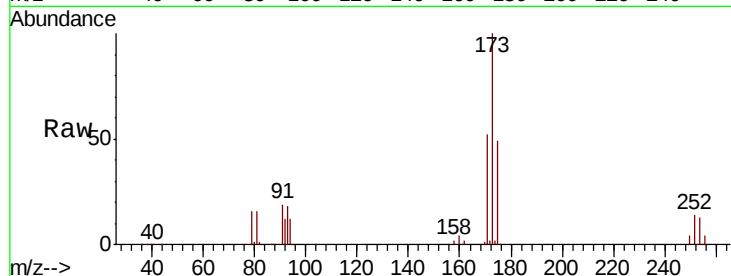
Tot Ion:173 Resp: 52164

Ion Ratio Lower Upper

173 100

175 49.0 24.8 74.3

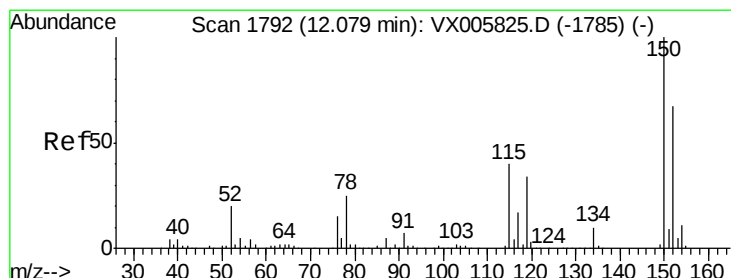
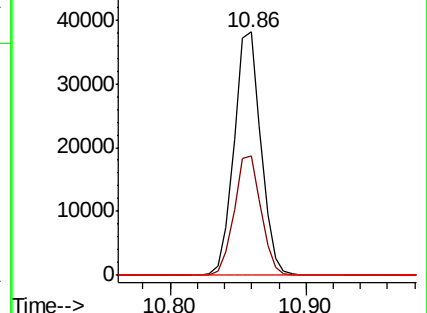
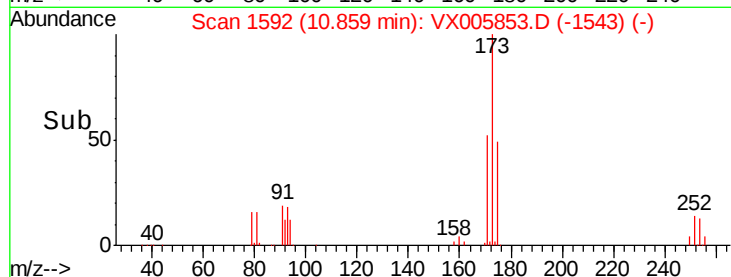
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

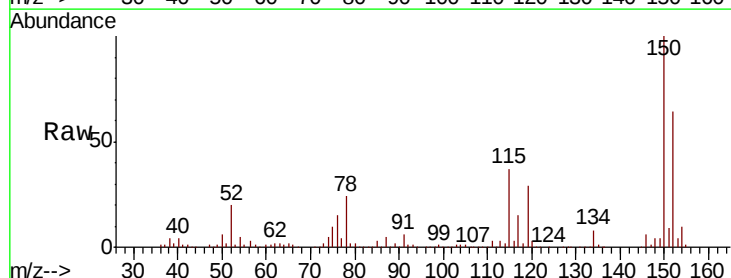
Tgt Ion:152 Resp: 99586

Ion Ratio Lower Upper

152 100

115 75.8 39.4 118.1

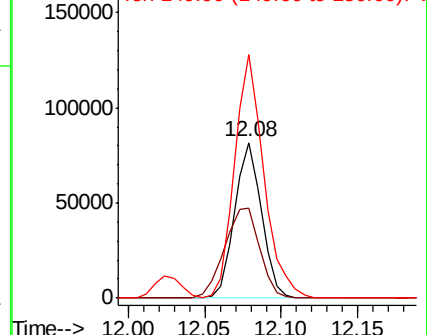
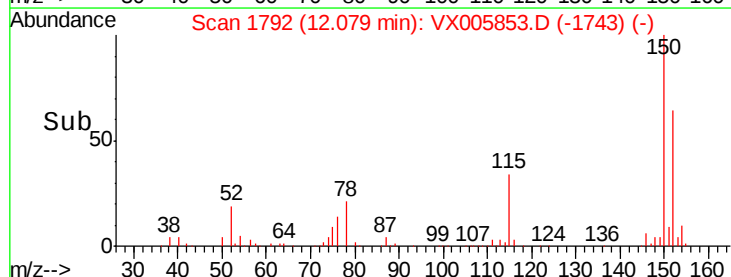
150 170.2 0.0 346.4

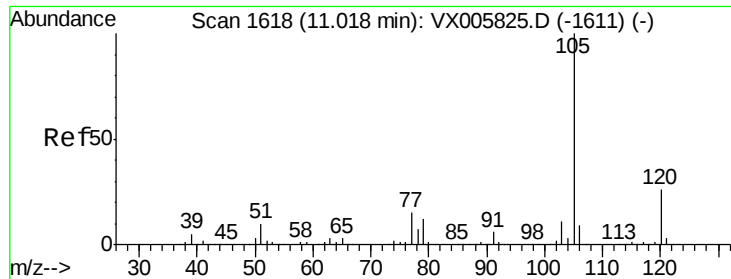


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

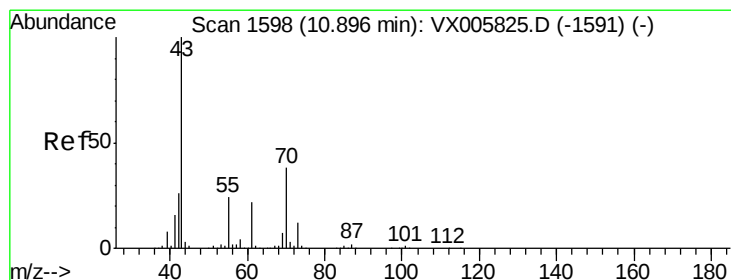
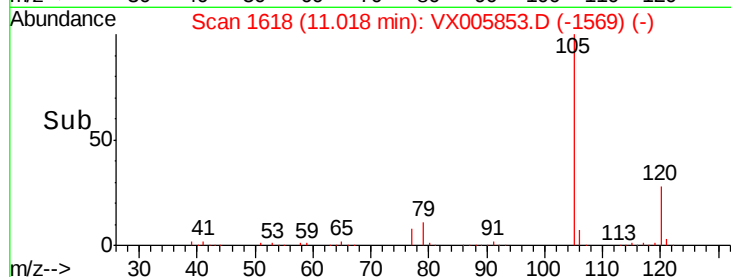
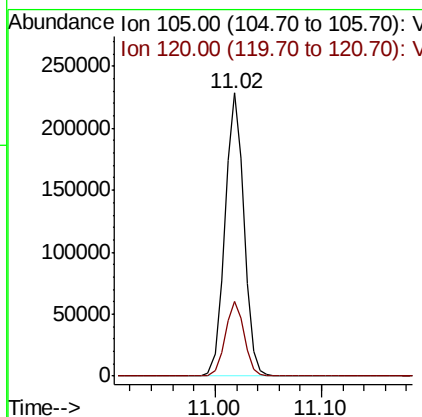
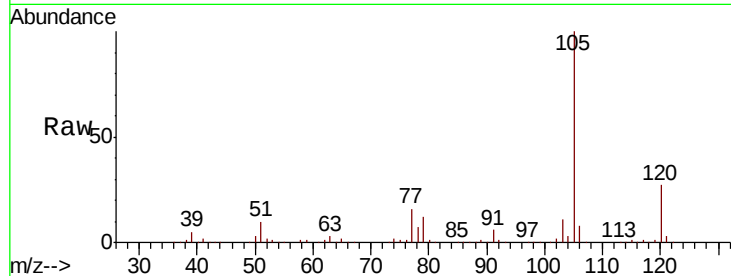




#73
Isopropylbenzene
Concen: 49.431 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

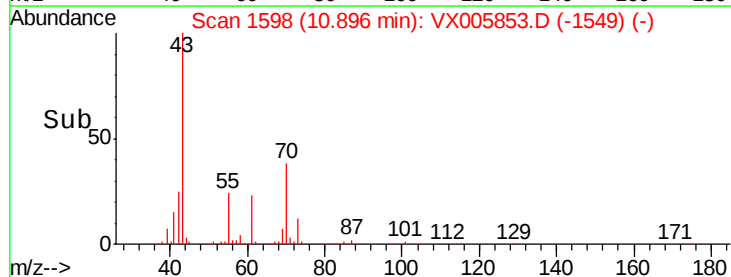
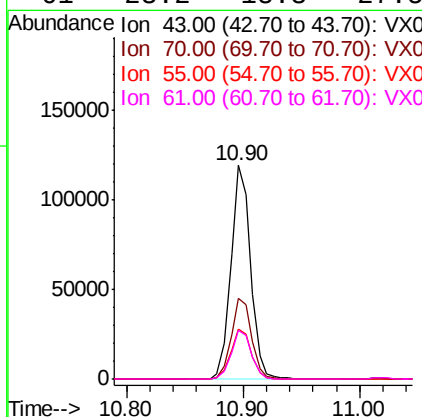
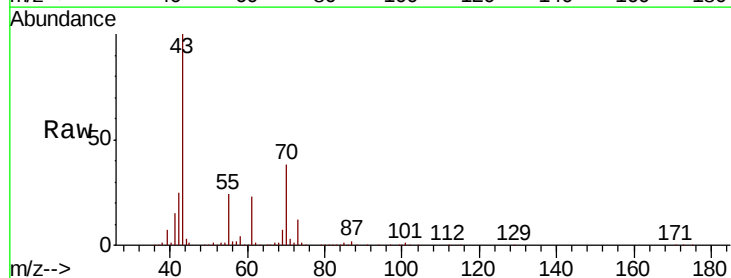
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 284672
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 43.416 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 43 Resp: 139746
Ion Ratio Lower Upper
43 100
70 39.2 31.6 47.4
55 24.3 19.7 29.5
61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 44.336 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

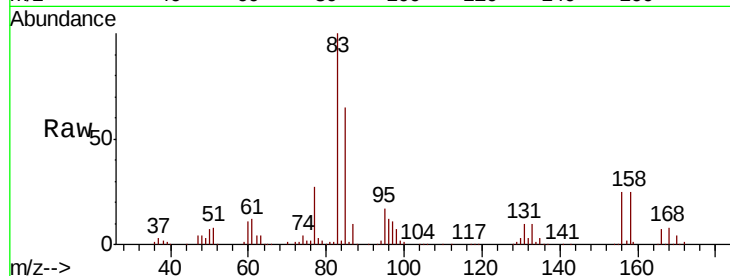
Tot Ion: 83 Resp: 93718

Ion Ratio Lower Upper

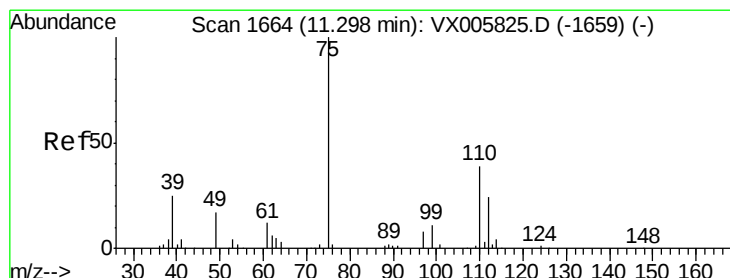
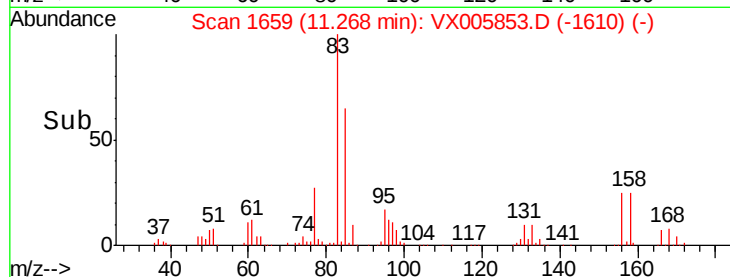
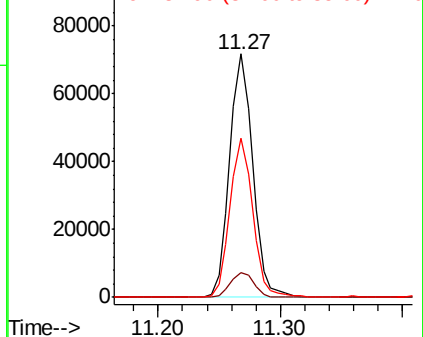
83 100

131 10.6 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: 57.267 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005853.D

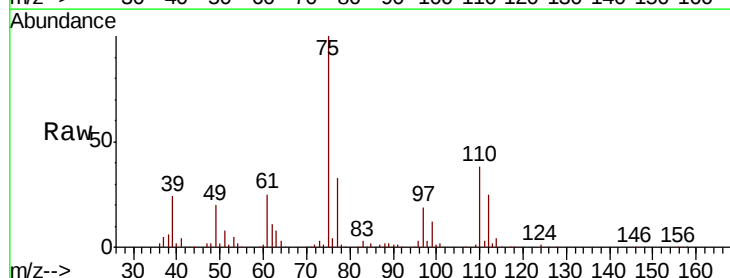
Acq: 09 Nov 2018 10:09

Tgt Ion: 75 Resp: 116125

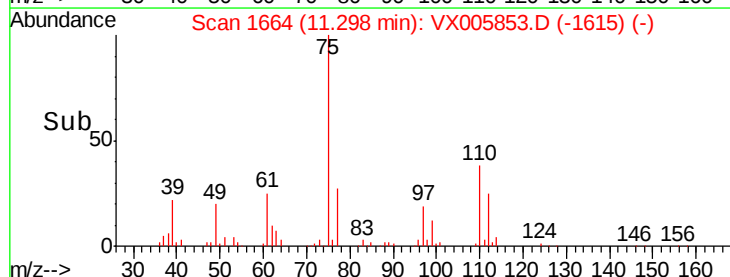
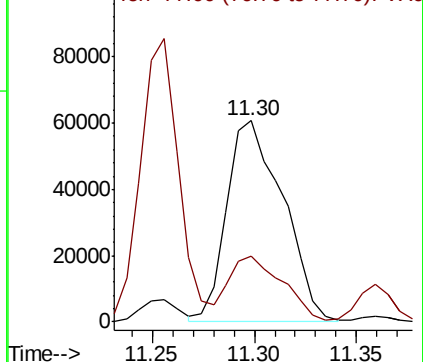
Ion Ratio Lower Upper

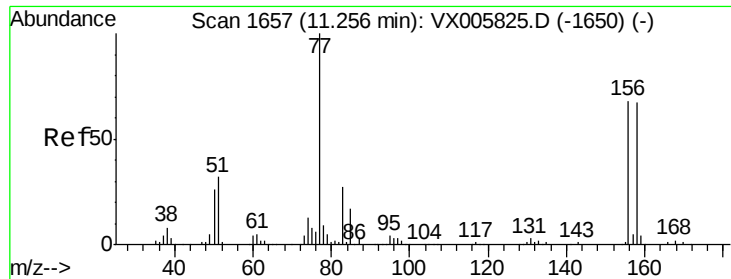
75 100

77 31.0 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: 46.149 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

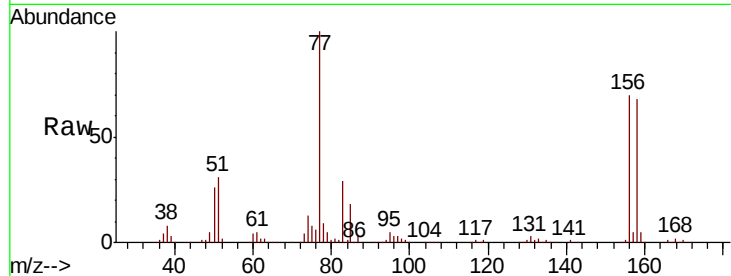
Tot Ion:156 Resp: 74909

Ion Ratio Lower Upper

156 100

77 149.1 74.8 224.4

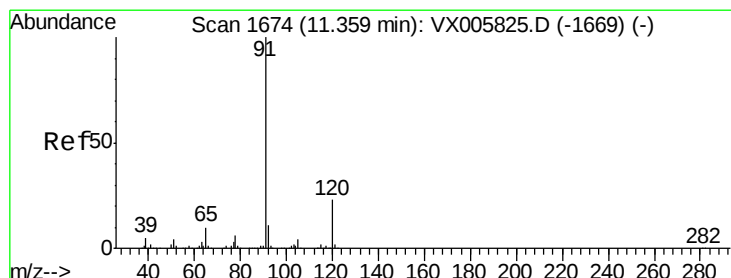
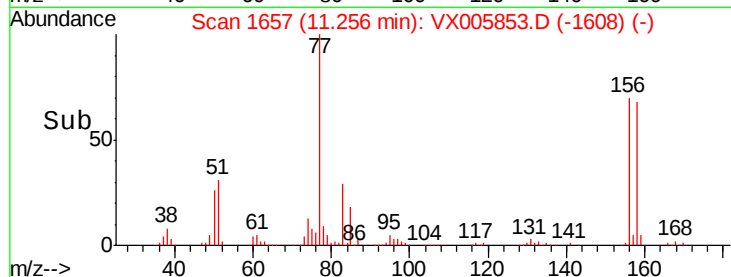
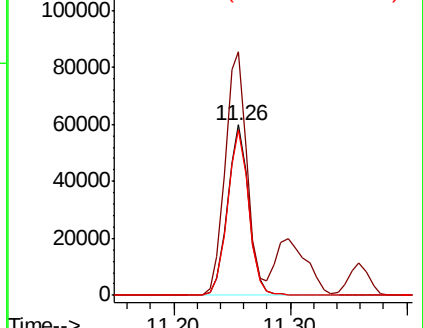
158 97.5 49.1 147.3



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: 49.683 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005853.D

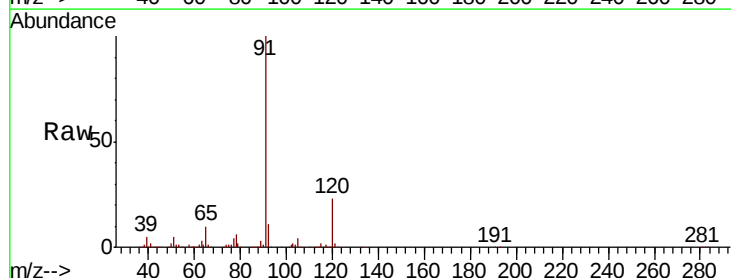
Acq: 09 Nov 2018 10:09

Tgt Ion: 91 Resp: 337206

Ion Ratio Lower Upper

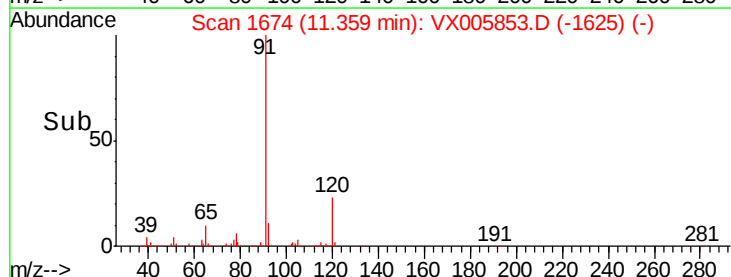
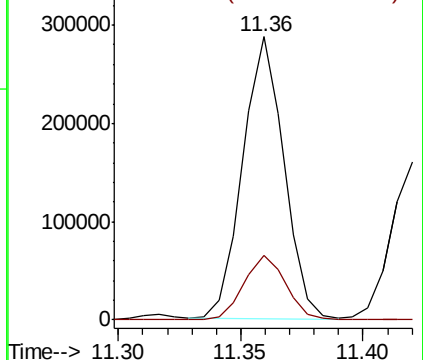
91 100

120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

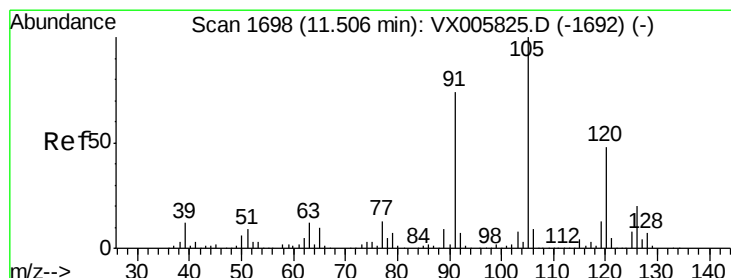
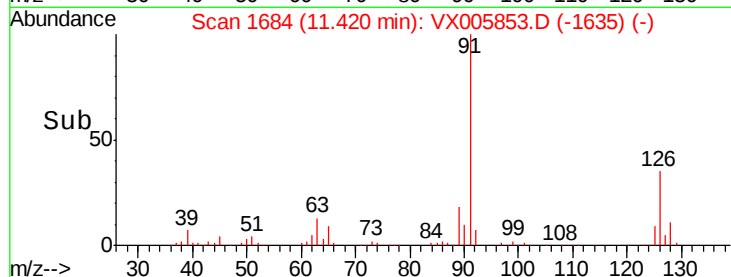
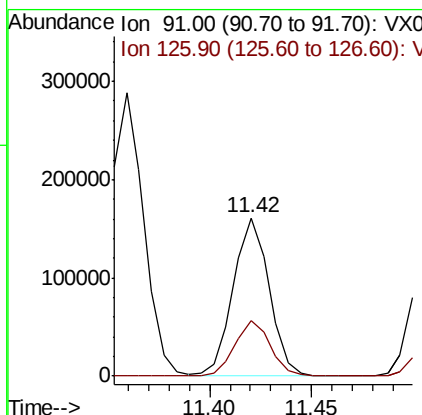
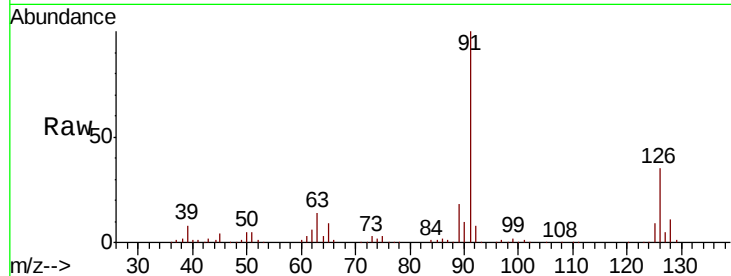




#79
 2-Chlorotoluene
 Concen: 47.653 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

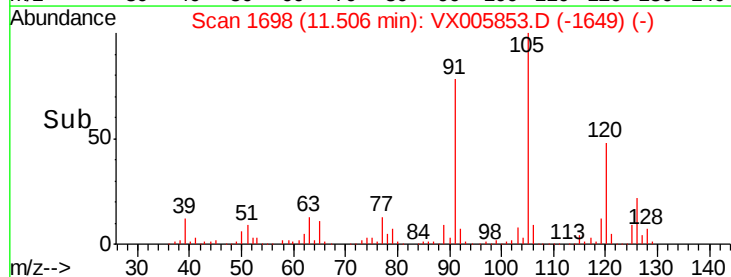
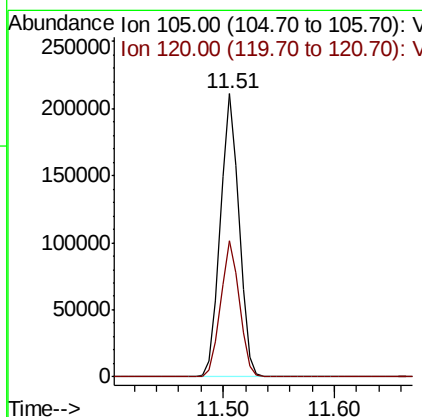
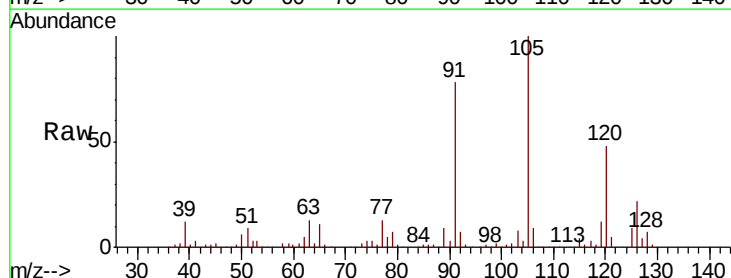
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

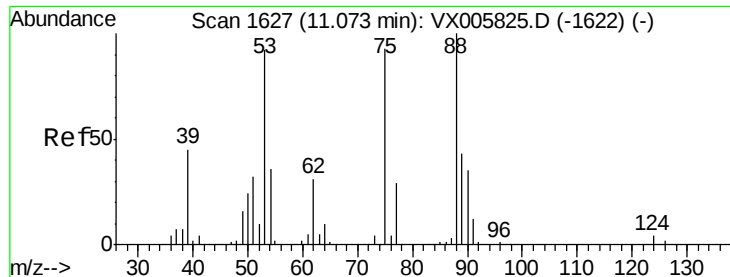
Tot Ion: 91 Resp: 195489
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 50.235 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion: 105 Resp: 245848
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.391 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

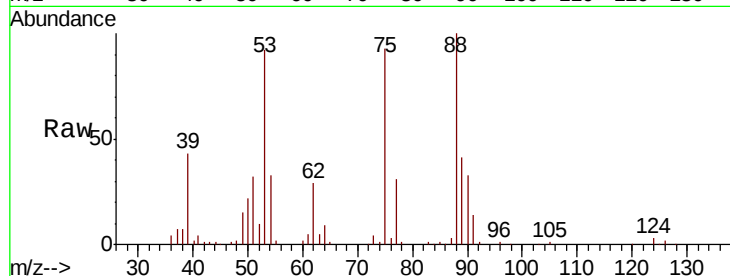
Tot Ion: 75 Resp: 30788

Ion Ratio Lower Upper

75 100

53 96.4 80.2 120.2

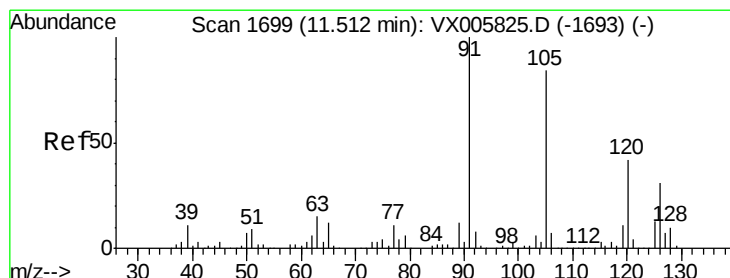
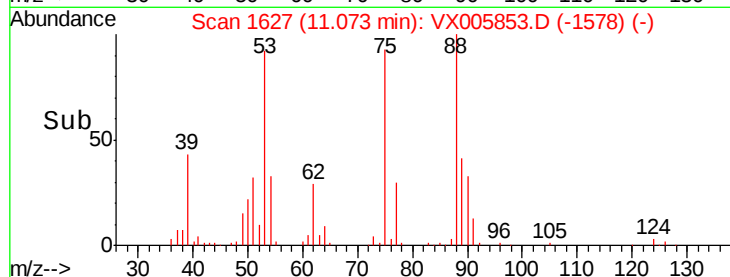
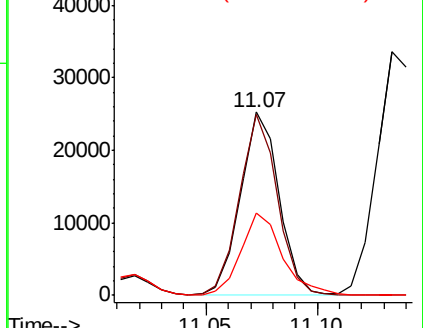
89 48.0 39.8 59.8



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: 48.710 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005853.D

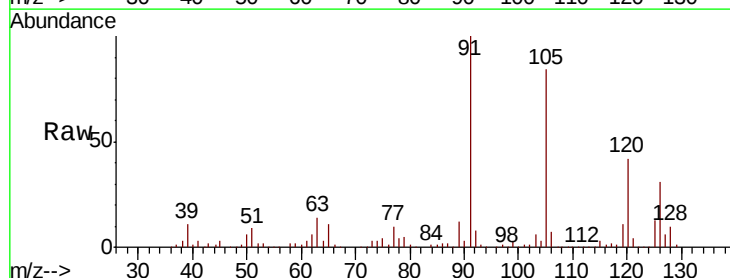
Acq: 09 Nov 2018 10:09

Tgt Ion: 91 Resp: 235503

Ion Ratio Lower Upper

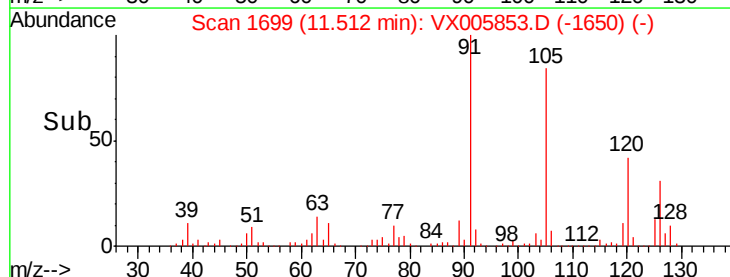
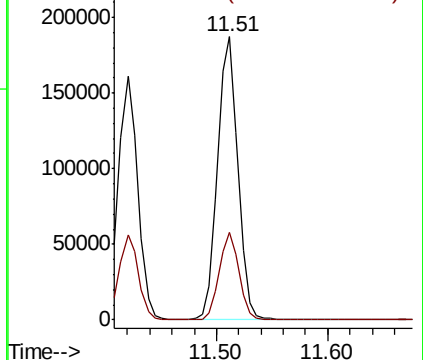
91 100

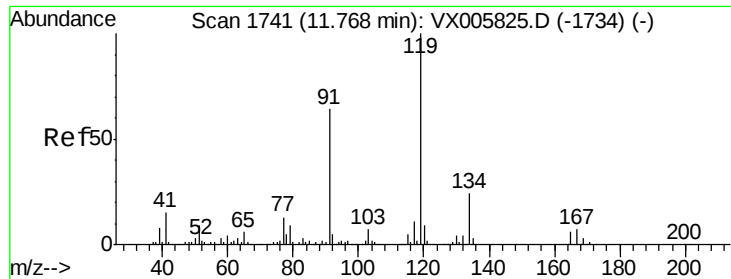
126 30.2 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.262 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

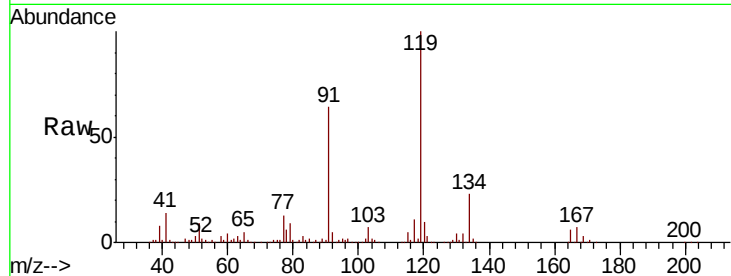
Tot Ion:119 Resp: 238948

Ion Ratio Lower Upper

119 100

91 57.2 28.5 85.5

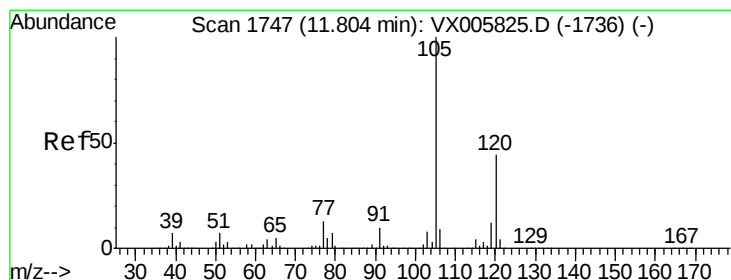
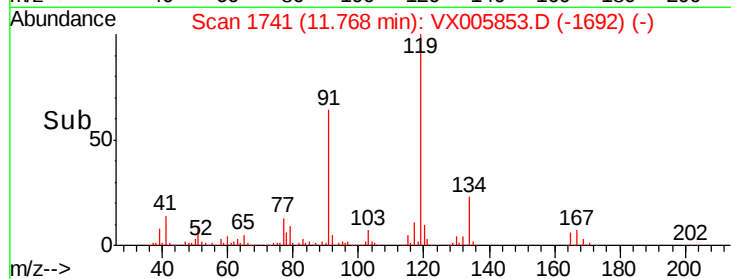
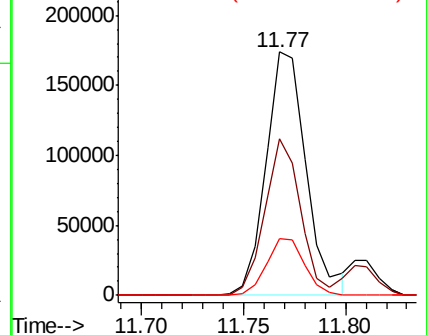
134 22.2 11.3 33.8



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: 46.608 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX005853.D

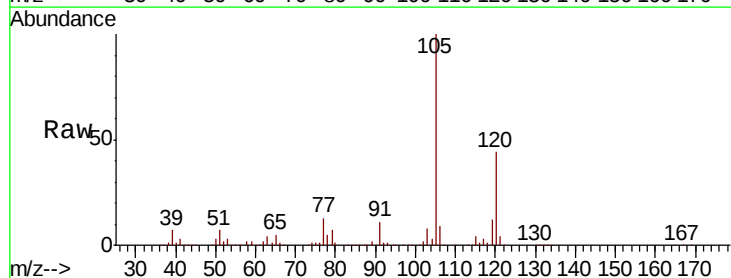
Acq: 09 Nov 2018 10:09

Tgt Ion:105 Resp: 251765

Ion Ratio Lower Upper

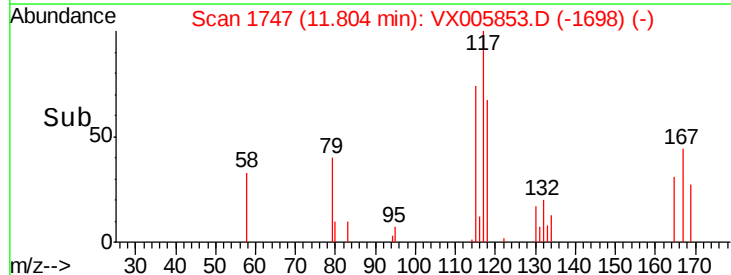
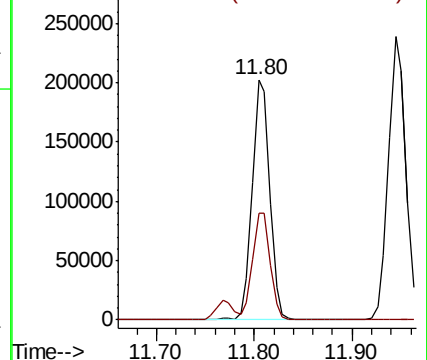
105 100

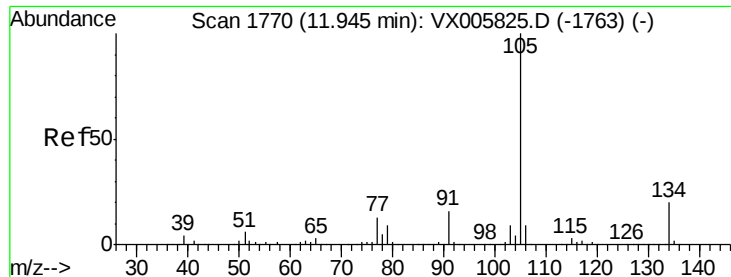
120 44.7 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.335 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

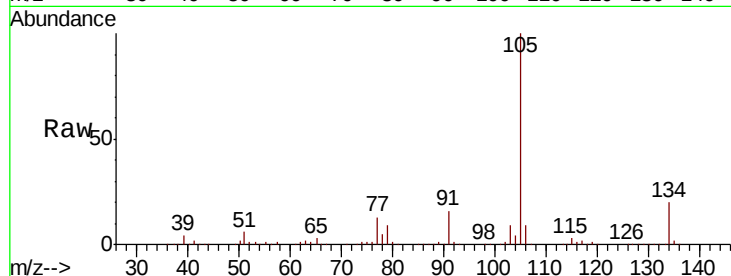
VSTDCCC050

Tot Ion:105 Resp: 292641

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

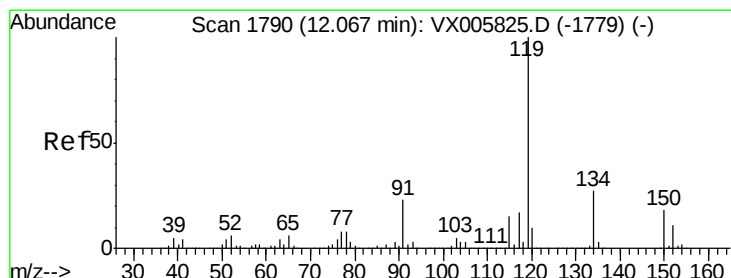
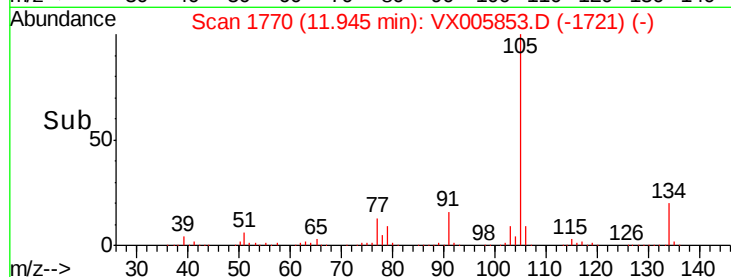
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 49.787 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

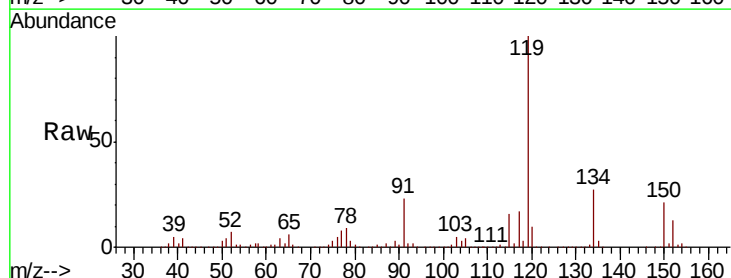
Tgt Ion:119 Resp: 266998

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.3 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

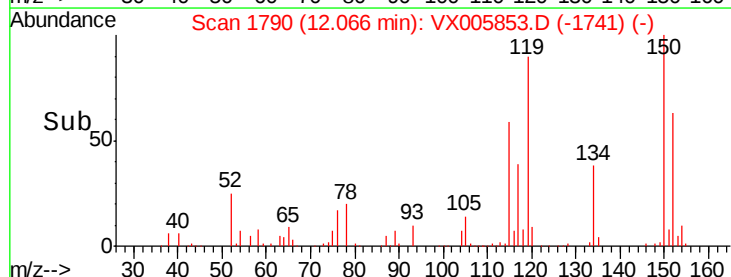
50000

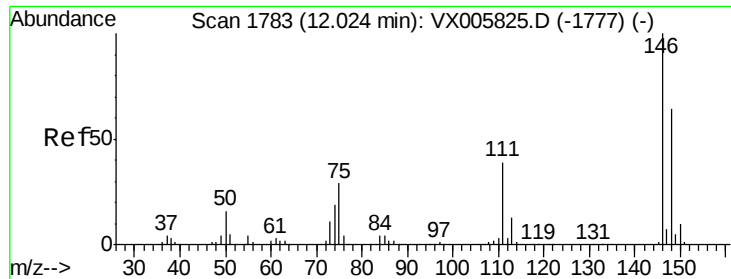
0

12.00

12.10

Time-->

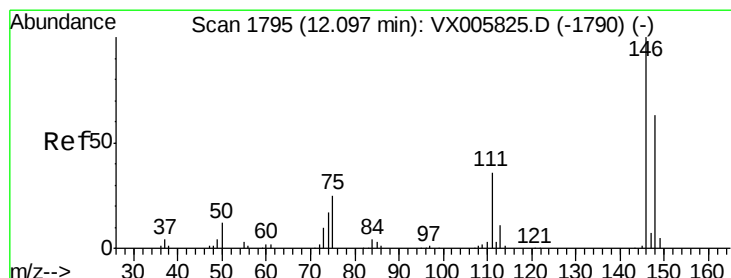
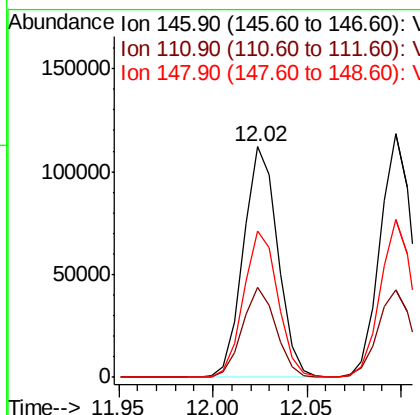
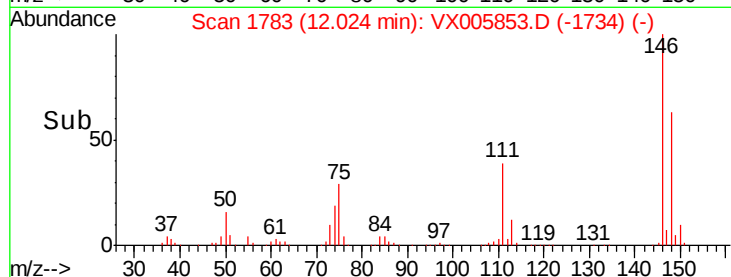
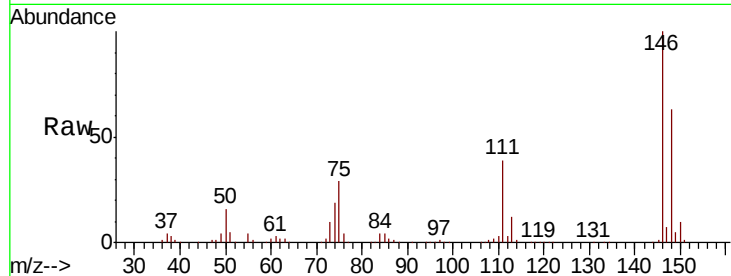




#87
 1,3-Dichlorobenzene
 Concen: 45.562 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

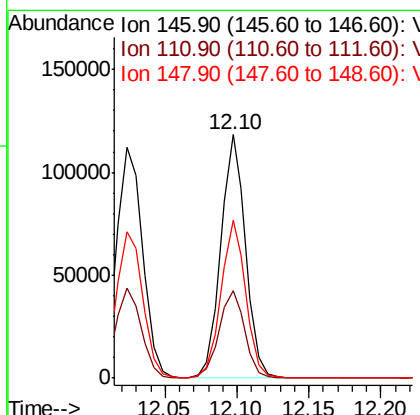
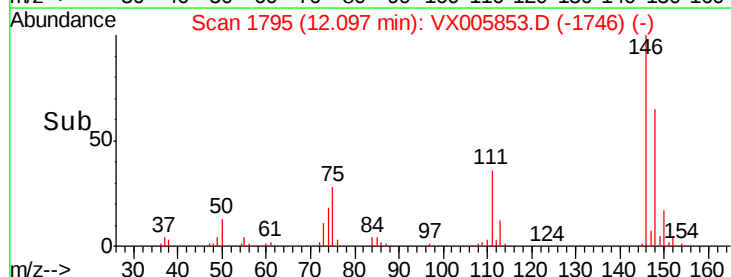
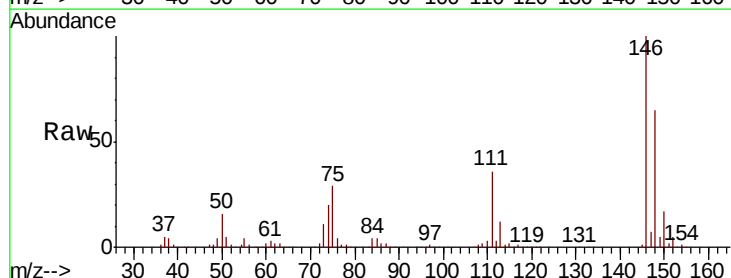
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	63.3	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 44.982 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	64.7	32.1	96.3

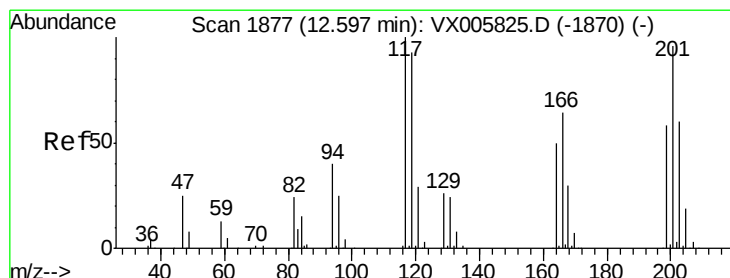
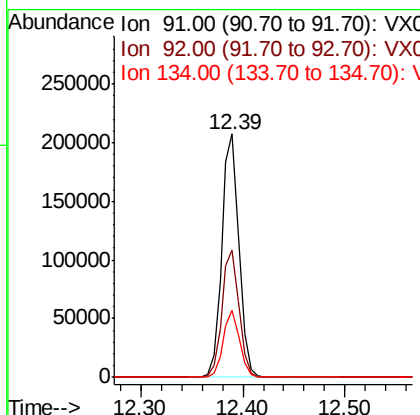
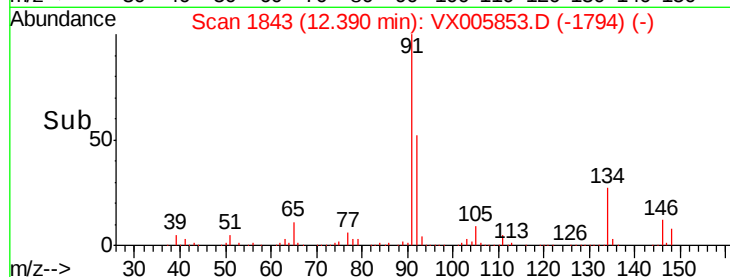
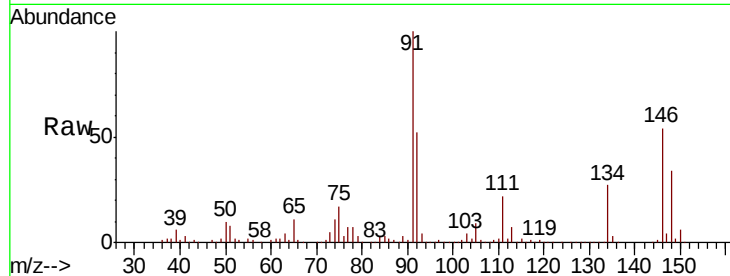




#89
n-Butylbenzene
Concen: 48.795 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

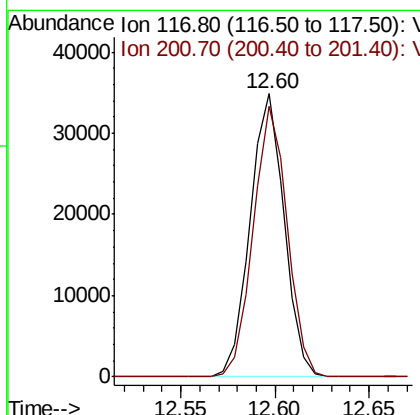
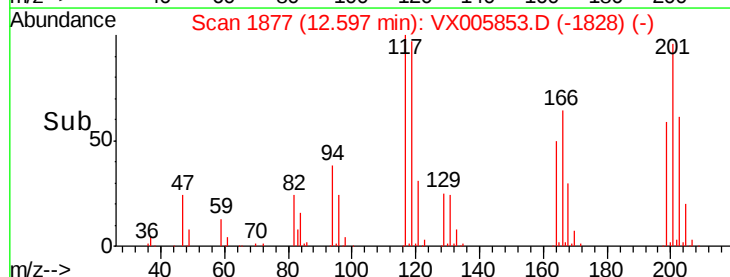
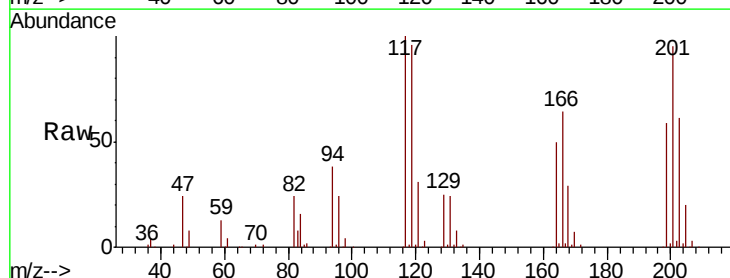
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

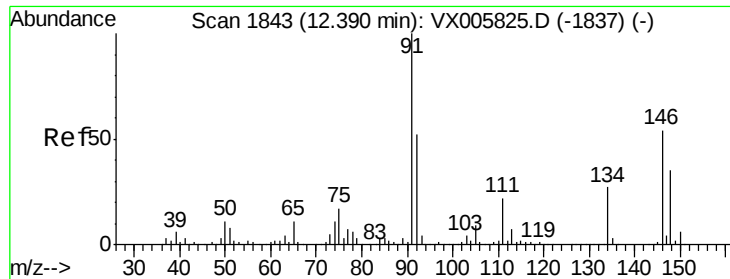
Tot Ion: 91 Resp: 242526
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 26.3 13.1 39.3



#90
Hexachloroethane
Concen: 48.818 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005853.D
Acq: 09 Nov 2018 10:09

Tgt Ion: 117 Resp: 43710
Ion Ratio Lower Upper
117 100
201 95.3 47.9 143.6

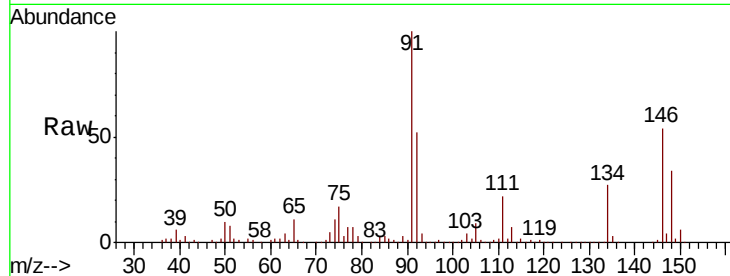




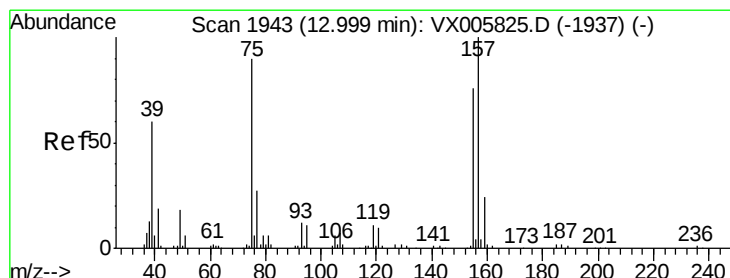
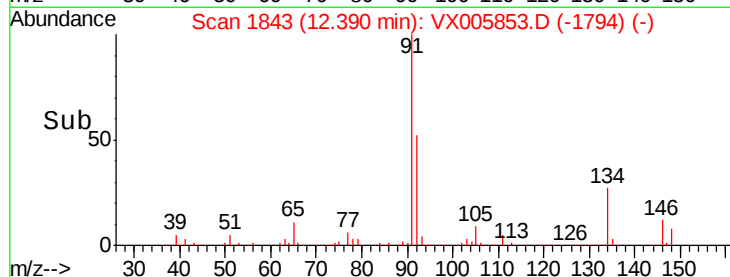
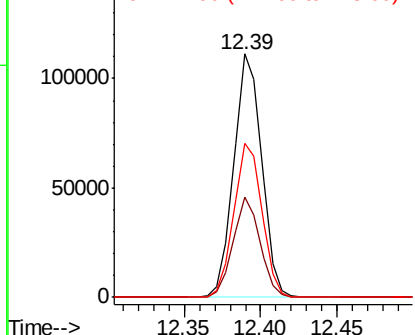
#91
 1,2-Dichlorobenzene
 Concen: 45.046 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 140575
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.7 32.2 96.6

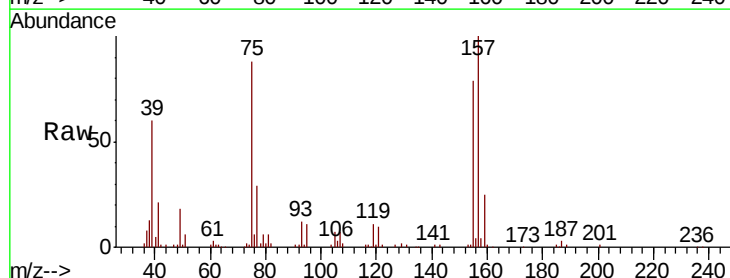


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

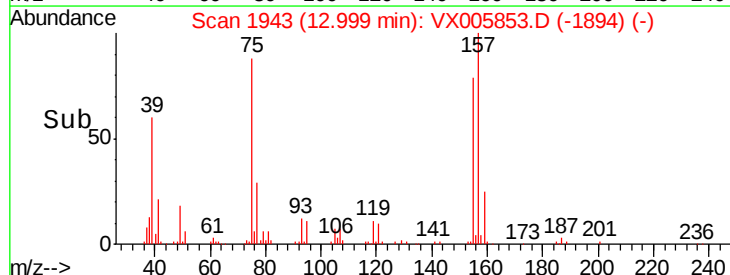
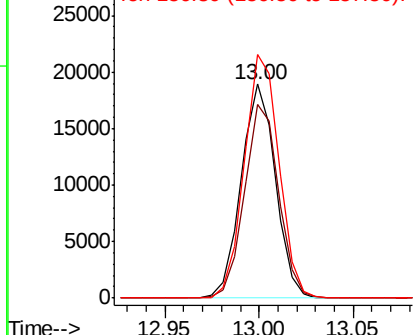


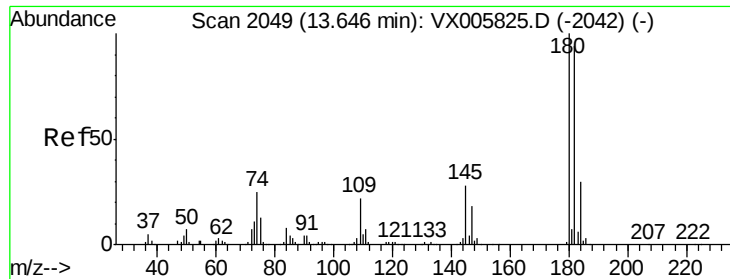
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.049 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion: 75 Resp: 23753
 Ion Ratio Lower Upper
 75 100
 155 90.4 45.4 136.1
 157 115.7 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

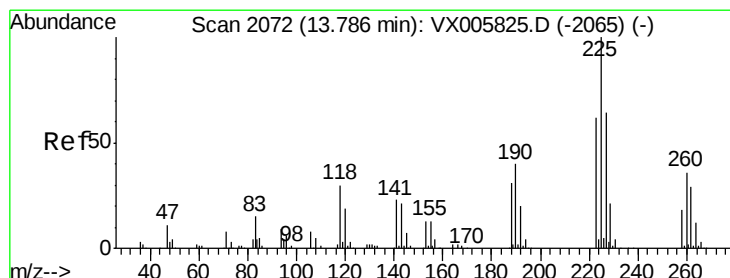
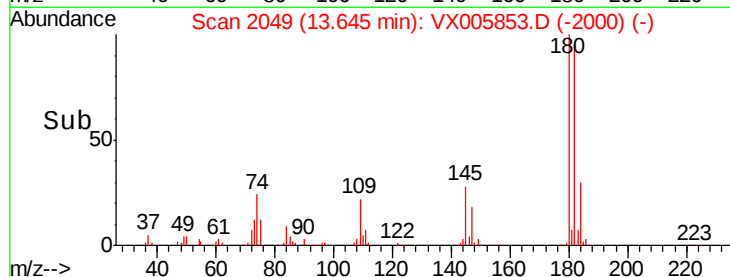
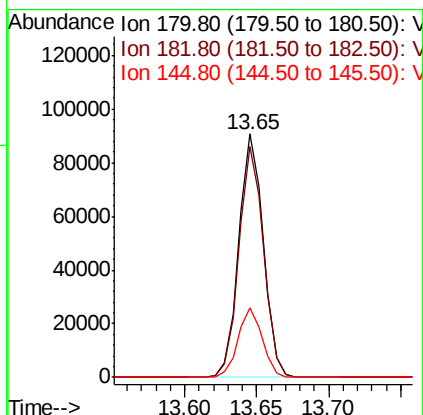
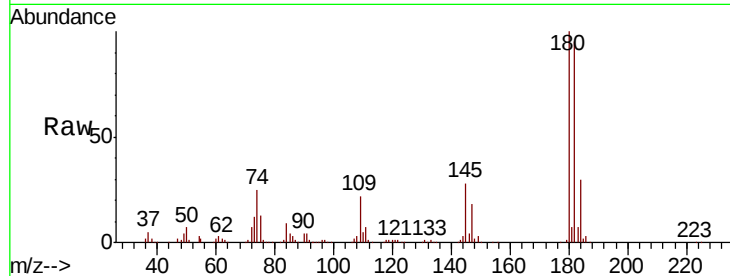




#93
 1,2,4-Trichlorobenzene
 Concen: 48.762 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

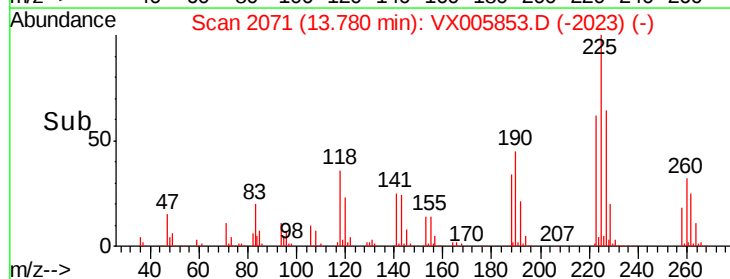
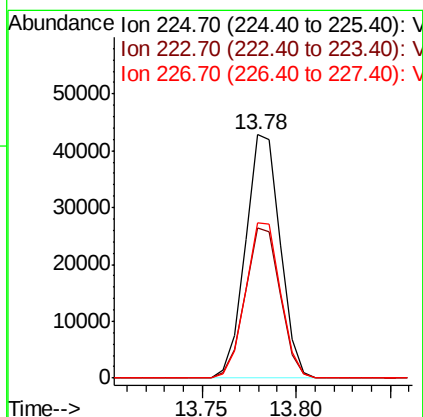
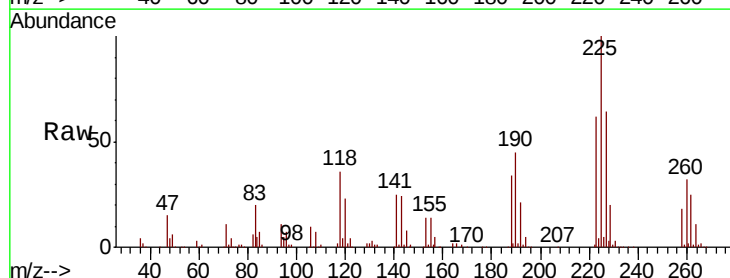
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 107125
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.8
 145 28.0 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 47.363 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005853.D
 Acq: 09 Nov 2018 10:09

Tgt Ion:225 Resp: 54658
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.7 95.1
 227 64.3 32.3 96.9





#95

Naphthalene

Concen: 44.633 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

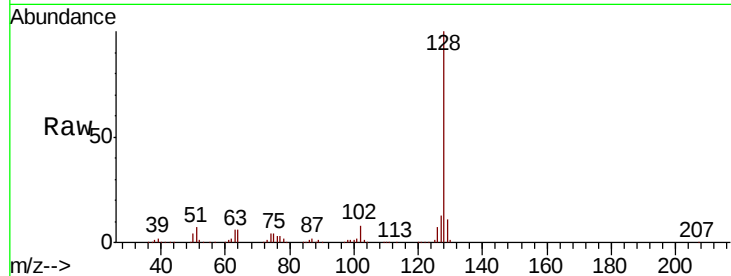
Tot Ion:128 Resp: 318854

Ion Ratio Lower Upper

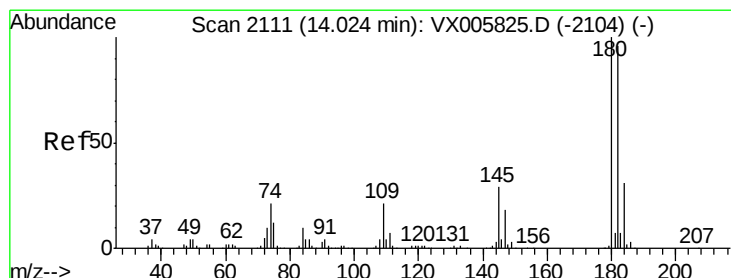
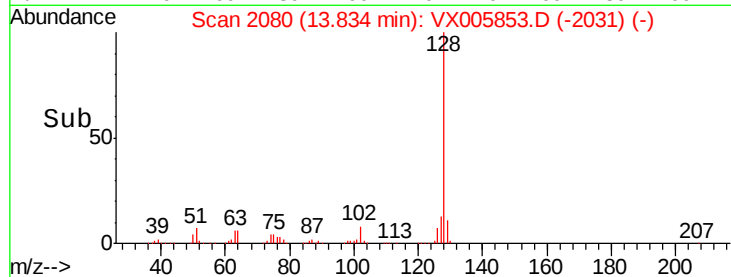
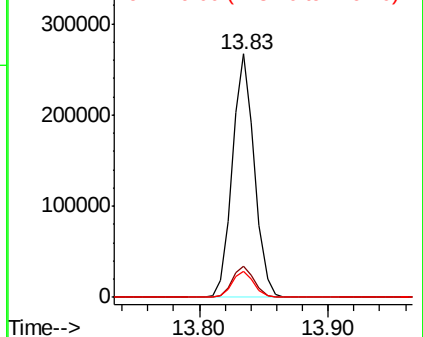
128 100

127 13.0 10.4 15.6

129 10.8 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 47.875 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005853.D

Acq: 09 Nov 2018 10:09

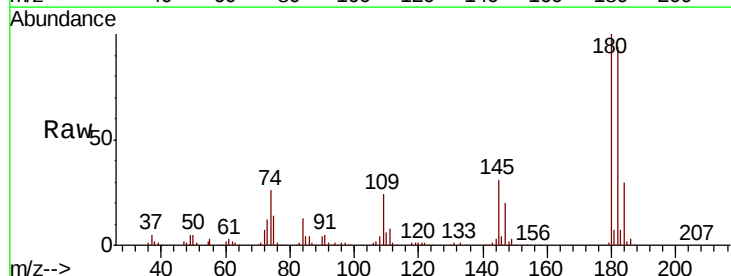
Tgt Ion:180 Resp: 107151

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.2

145 29.7 15.1 45.3



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

