

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\
 Data File : VX005676.D
 Acq On : 29 Oct 2018 22:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 30 04:48:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	235641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176355	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	142450	49.52	ug/l	0.00
Spiked Amount						
			Recovery	=	99.04%	
35) Dibromofluoromethane	5.51	113	119290	48.32	ug/l	0.00
Spiked Amount						
			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	440724	49.68	ug/l	0.00
Spiked Amount						
			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.14	95	166184	49.60	ug/l	0.00
Spiked Amount						
			Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	143379	61.645	ug/l	99
3) Chloromethane	1.32	50	158620	53.551	ug/l	93
4) Vinyl Chloride	1.41	62	171480	58.877	ug/l	96
5) Bromomethane	1.64	94	87622	48.349	ug/l	100
6) Chloroethane	1.71	64	98926	53.169	ug/l	93
7) Trichlorofluoromethane	1.93	101	212768	52.575	ug/l	95
8) Diethyl Ether	2.19	74	87936	54.448	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123125	53.026	ug/l	98
10) Methyl Iodide	2.51	142	139252	57.018	ug/l	95
11) Tert butyl alcohol	3.07	59	213842	276.266	ug/l	98
12) 1,1-Dichloroethene	2.37	96	119925	54.217	ug/l	95
13) Acrolein	2.29	56	88183	223.335	ug/l	99
14) Allyl chloride	2.73	41	252474	51.143	ug/l	98
15) Acrylonitrile	3.15	53	457672	263.681	ug/l	98
16) Acetone	2.45	43	400167	263.275	ug/l	96
17) Carbon Disulfide	2.57	76	338241	50.163	ug/l	100
18) Methyl Acetate	2.78	43	218049	58.314	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	423452	53.667	ug/l	98
20) Methylene Chloride	2.85	84	133807	52.563	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	125528	51.976	ug/l	95
22) Diisopropyl ether	3.87	45	457300	53.046	ug/l	89
23) Vinyl Acetate	3.82	43	2073451	273.095	ug/l	97
24) 1,1-Dichloroethane	3.70	63	245347	52.346	ug/l	99
25) 2-Butanone	4.70	43	648866	280.338	ug/l	100
26) 2,2-Dichloropropane	4.59	77	164348	45.418	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	139546	53.596	ug/l	98
28) Bromochloromethane	5.01	49	107893	47.595	ug/l	95
29) Tetrahydrofuran	5.16	42	395681	262.687	ug/l	96
30) Chloroform	5.21	83	225269	51.382	ug/l	95
31) Cyclohexane	5.57	56	205724	53.049	ug/l	# 75
32) 1,1,1-Trichloroethane	5.50	97	199163	51.469	ug/l	98
36) 1,1-Dichloropropene	5.80	75	175900	49.709	ug/l	98
37) Ethyl Acetate	4.86	43	229673	50.863	ug/l	99
38) Carbon Tetrachloride	5.78	117	175712	47.146	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196666	50.331	ug/l	99
40) Benzene	6.13	78	503508	49.637	ug/l	100
41) Methacrylonitrile	5.06	41	123051	48.921	ug/l	97
42) 1,2-Dichloroethane	6.20	62	176730	45.862	ug/l	98
43) Isopropyl Acetate	6.46	43	334742	49.470	ug/l	96
44) Trichloroethene	7.22	130	140212	50.738	ug/l	76
45) 1,2-Dichloropropane	7.52	63	134542	49.334	ug/l	99
46) Dibromomethane	7.66	93	85283	48.418	ug/l	97
47) Bromodichloromethane	7.90	83	163810	47.917	ug/l	99
48) Methyl methacrylate	7.77	41	168510	51.119	ug/l	97
49) 1,4-Dioxane	7.75	88	75054	1041.862	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1128837	248.227	ug/l	99
52) Toluene	8.79	92	308504	50.042	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	184332	49.891	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	200118	50.308	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	126269	48.581	ug/l	98
56) Ethyl methacrylate	9.18	69	205643	53.043	ug/l	96
57) 1,3-Dichloropropane	9.37	76	214334	48.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	512133	236.522	ug/l	99
59) 2-Hexanone	9.49	43	892792	248.997	ug/l	98
60) Dibromochloromethane	9.59	129	135571	49.993	ug/l	98
61) 1,2-Dibromoethane	9.67	107	133226	49.546	ug/l	100
64) Tetrachloroethene	9.34	164	135913	51.587	ug/l	98
65) Chlorobenzene	10.14	112	345738	51.158	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	126694	51.412	ug/l	98
67) Ethyl Benzene	10.25	91	596077	53.608	ug/l	99
68) m/p-Xylenes	10.36	106	462135	107.125	ug/l	99
69) o-Xylene	10.70	106	222173	54.741	ug/l	99
70) Styrene	10.71	104	374994	55.192	ug/l	99
71) Bromoform	10.86	173	112981	51.379	ug/l #	99
73) Isopropylbenzene	11.02	105	608232	56.421	ug/l	99
74) N-amyl acetate	10.90	43	298331	55.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	207517	52.177	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	244657	65.477	ug/l	85
77) Bromobenzene	11.26	156	161560	53.775	ug/l	98
78) n-propylbenzene	11.36	91	696049	56.466	ug/l	100
79) 2-Chlorotoluene	11.42	91	416016	54.431	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	515322	55.880	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60519	52.923	ug/l	95
82) 4-Chlorotoluene	11.51	91	487671	54.111	ug/l	99
83) tert-Butylbenzene	11.77	119	514420	55.961	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	532326	56.955	ug/l	100
85) sec-Butylbenzene	11.94	105	616898	56.240	ug/l	100
86) p-Isopropyltoluene	12.07	119	555621	56.664	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	297981	52.744	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	300384	50.937	ug/l	100
89) n-Butylbenzene	12.39	91	483349	54.602	ug/l	99
90) Hexachloroethane	12.60	117	92325	54.591	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	301729	52.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51333	53.381	ug/l	96

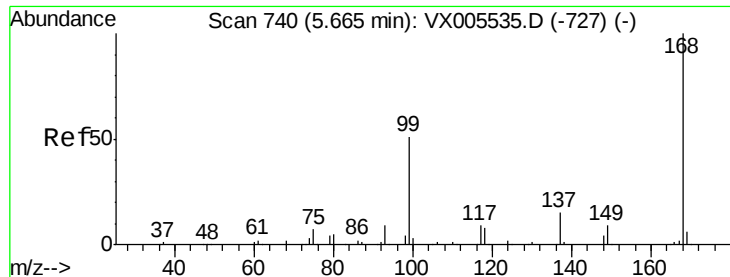
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102918\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	226111	54.571	ug/l	100
94) Hexachlorobutadiene	13.79	225	107310	49.976	ug/l	97
95) Naphthalene	13.83	128	703310	58.395	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	229844	54.722	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

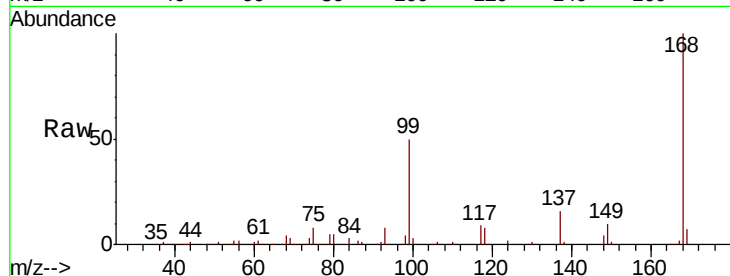
VSTDCCC050

Tot Ion:168 Resp: 235641

Ion Ratio Lower Upper

168 100

99 49.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

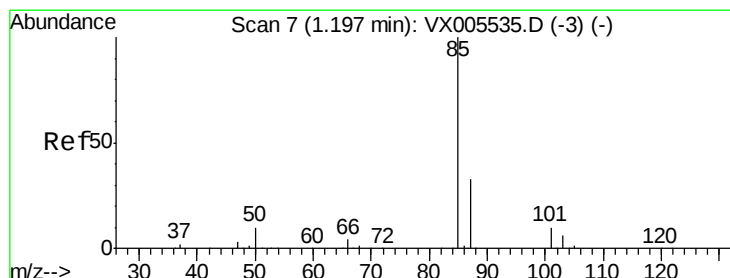
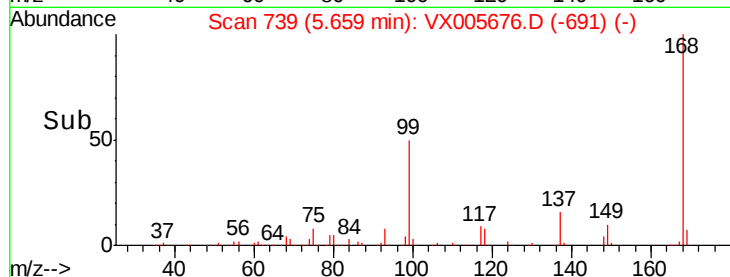
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 61.645 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005676.D

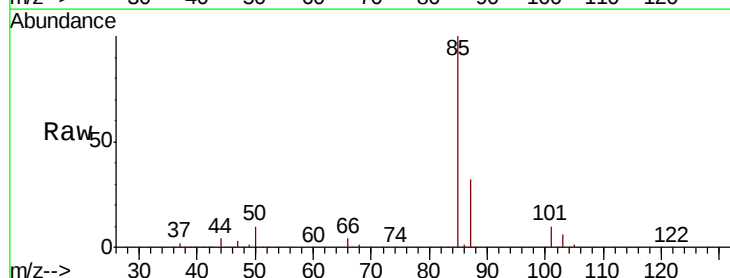
Acq: 29 Oct 2018 22:43

Tgt Ion: 85 Resp: 143379

Ion Ratio Lower Upper

85 100

87 32.3 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

150000

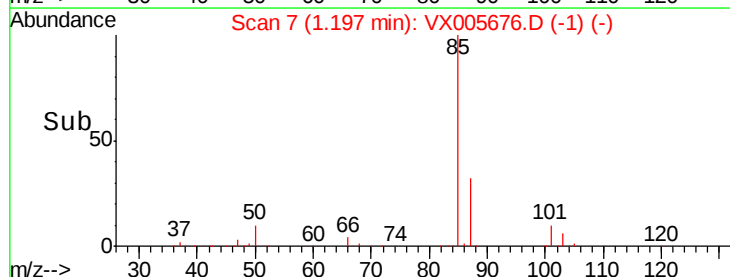
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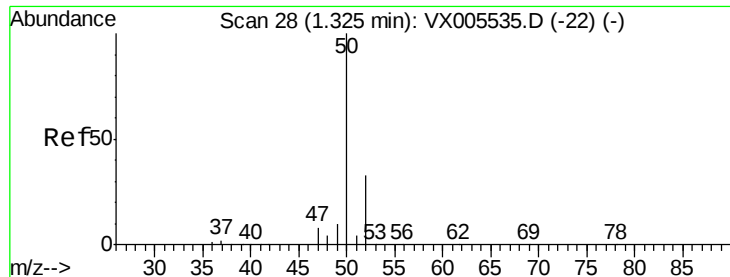
50000

0

Time-->

1.15 1.20 1.25 1.30

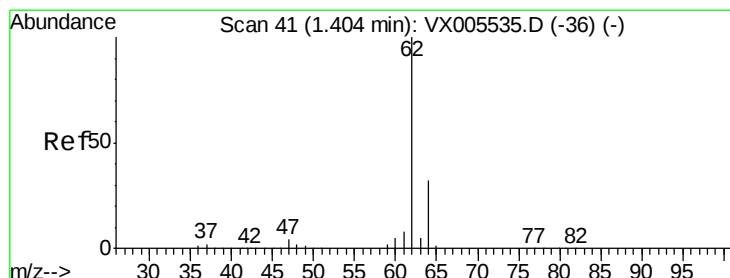
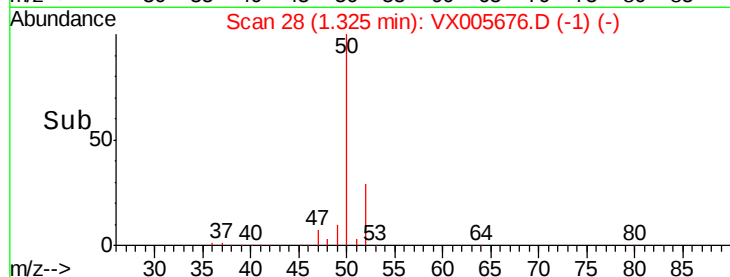
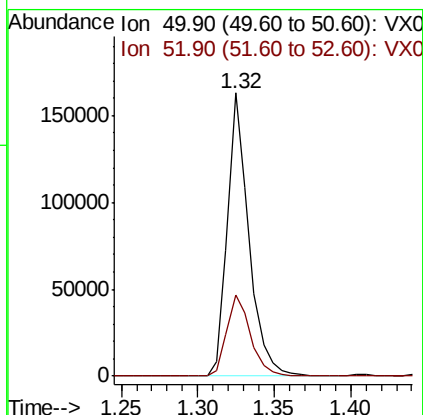
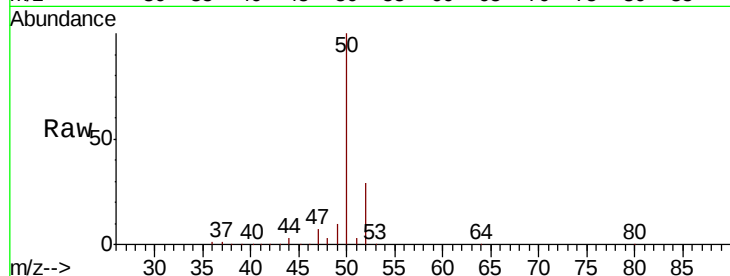




#3
Chloromethane
Concen: 53.551 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

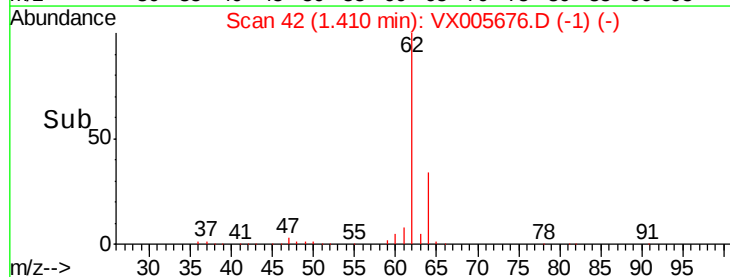
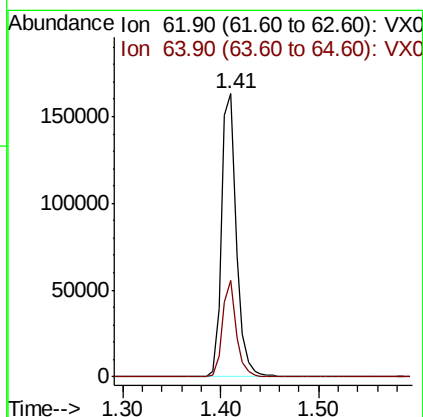
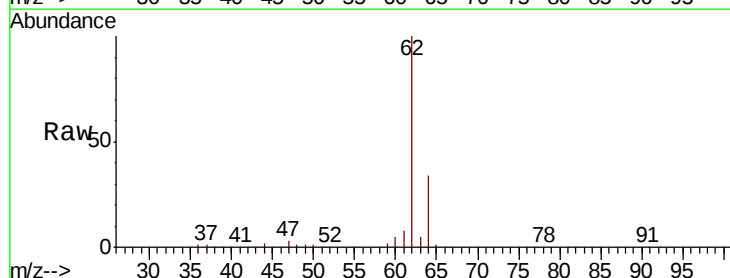
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

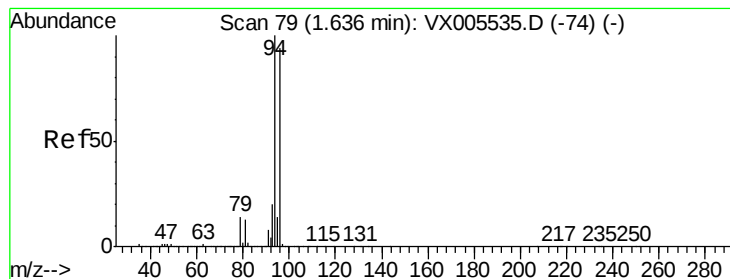
Tot Ion: 50 Resp: 158620
Ion Ratio Lower Upper
50 100
52 28.7 26.2 39.2



#4
Vinyl Chloride
Concen: 58.877 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion: 62 Resp: 171480
Ion Ratio Lower Upper
62 100
64 33.9 25.3 37.9





#5

Bromomethane

Concen: 48.349 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

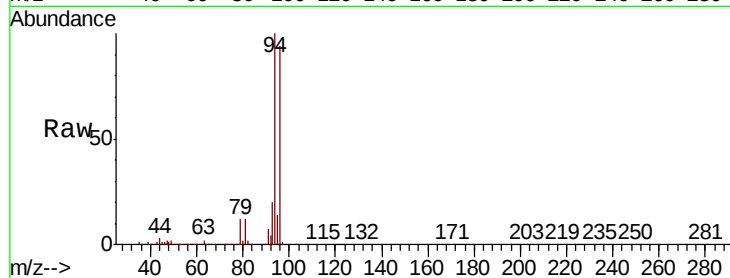
VSTDCCC050

Tot Ion: 94 Resp: 87622

Ion Ratio Lower Upper

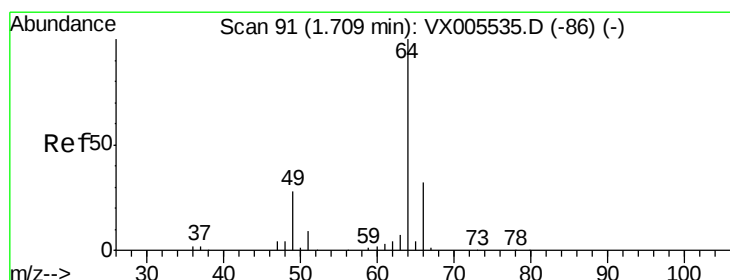
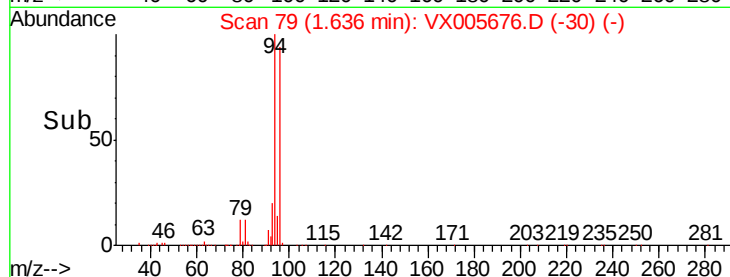
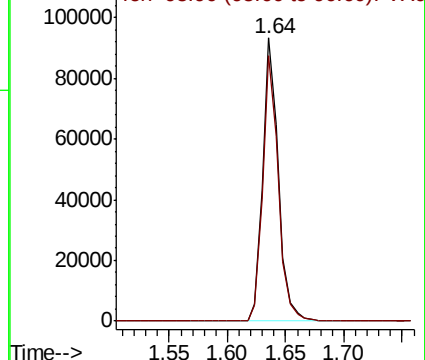
94 100

96 93.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.169 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005676.D

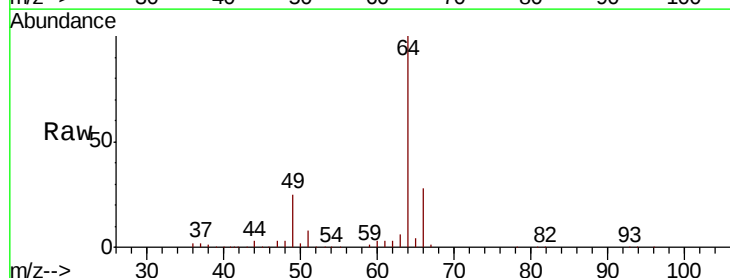
Acq: 29 Oct 2018 22:43

Tgt Ion: 64 Resp: 98926

Ion Ratio Lower Upper

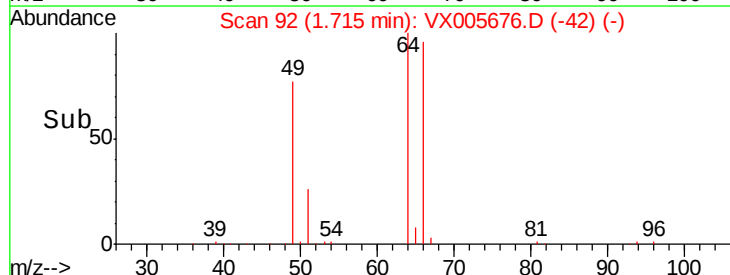
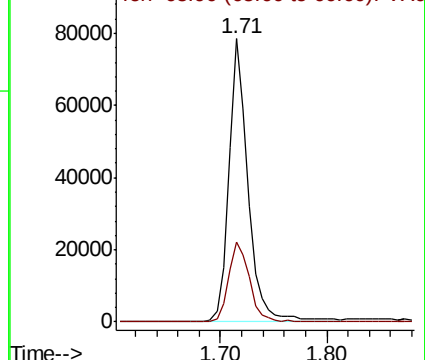
64 100

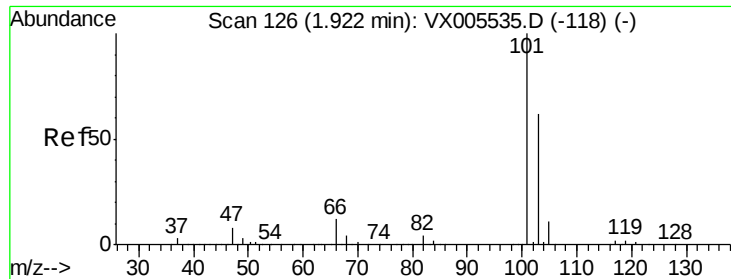
66 28.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



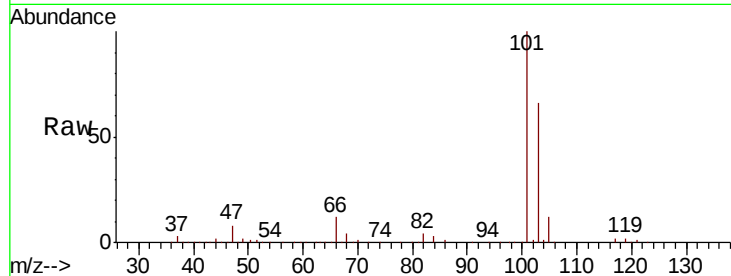


#7

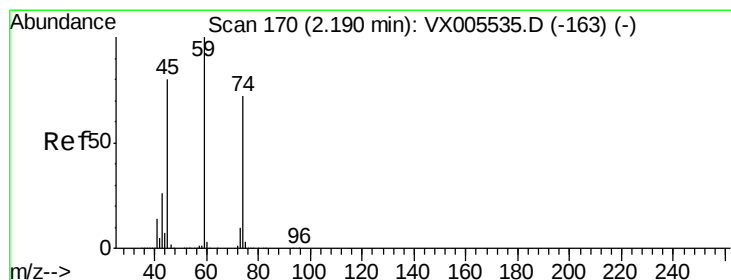
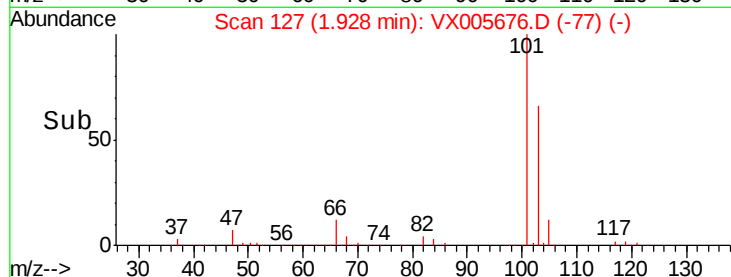
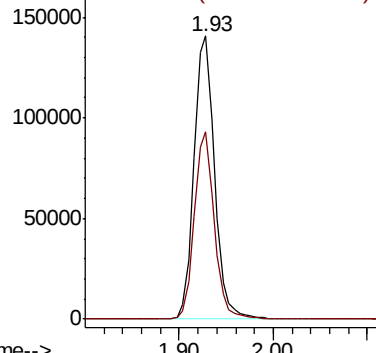
Trichlorofluoromethane
 Concen: 52.575 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 212768
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.0 75.0



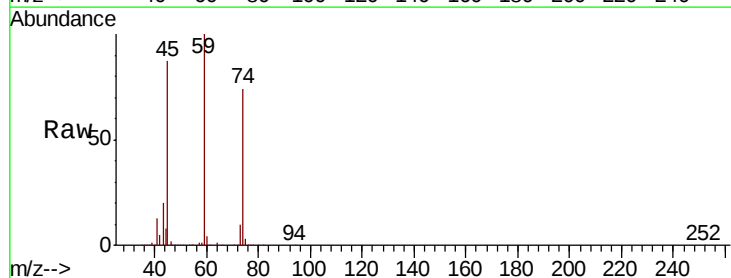
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



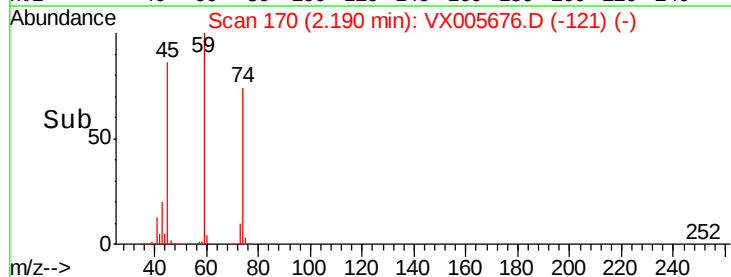
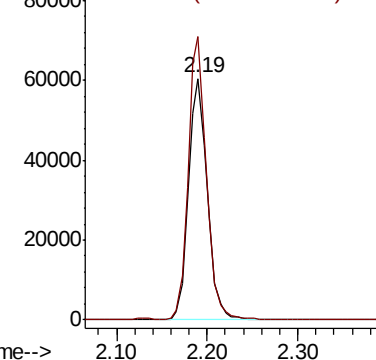
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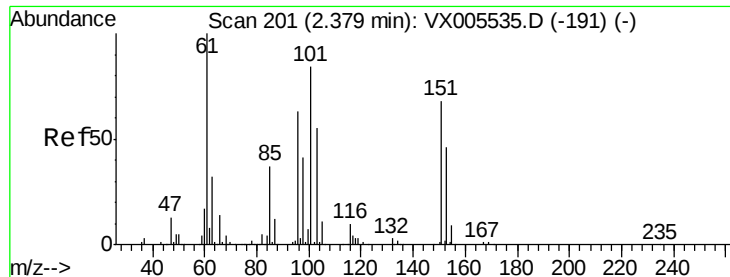
Diethyl Ether
 Concen: 54.448 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Tgt Ion: 74 Resp: 87936
 Ion Ratio Lower Upper
 74 100
 45 112.0 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: 53.026 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

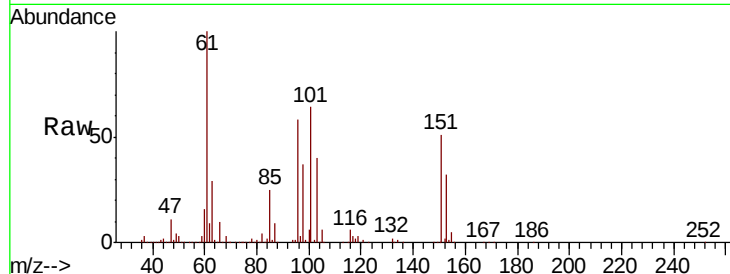
Tot Ion:101 Resp: 123125

Ion Ratio Lower Upper

101 100

85 41.9 35.0 52.4

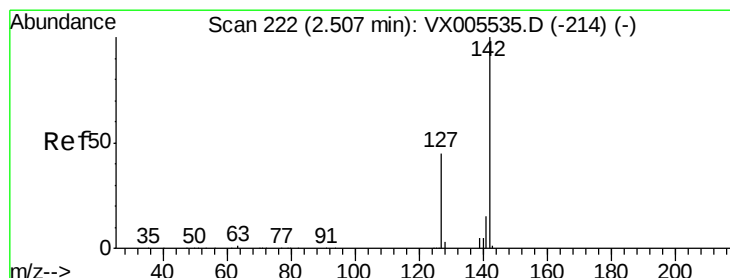
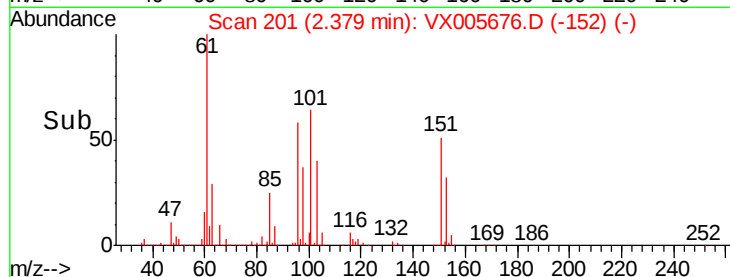
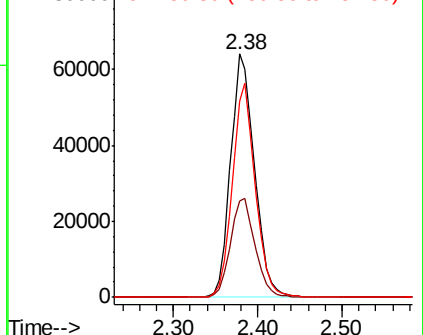
151 83.9 66.2 99.2



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: 57.018 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

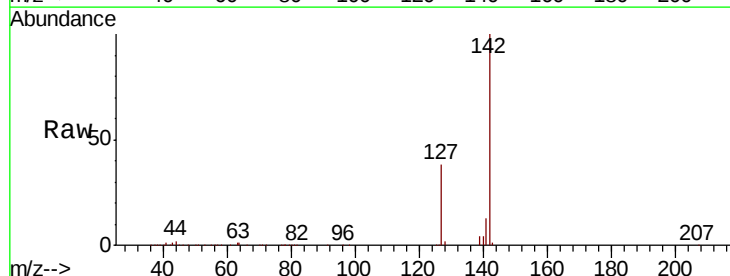
Tgt Ion:142 Resp: 139252

Ion Ratio Lower Upper

142 100

127 41.4 36.0 54.0

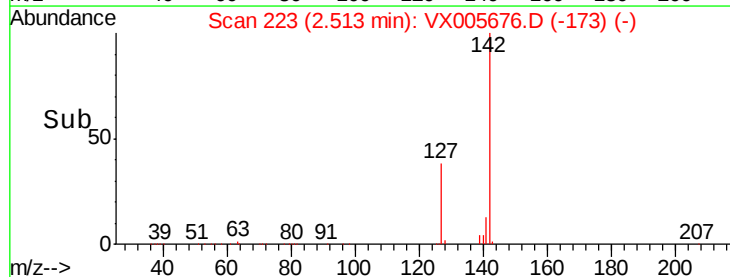
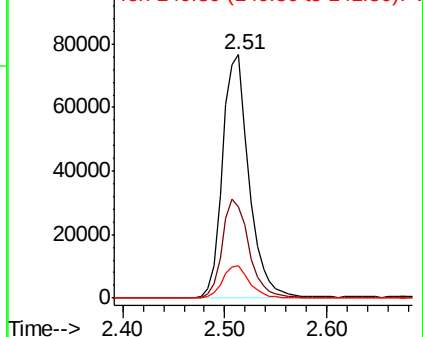
141 13.9 11.7 17.5

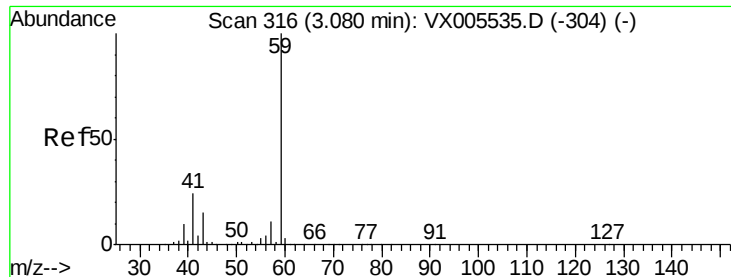


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



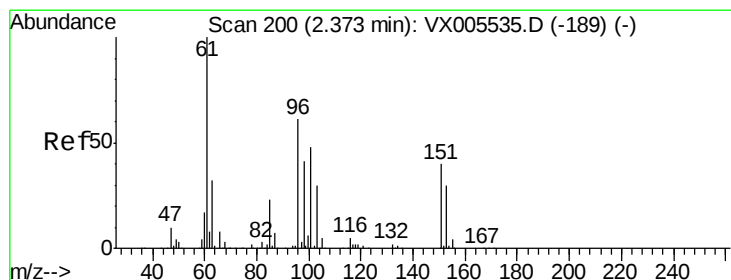
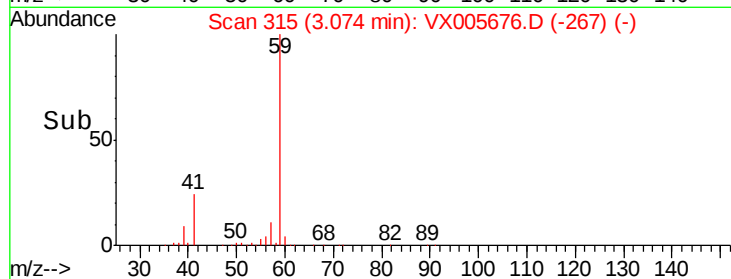
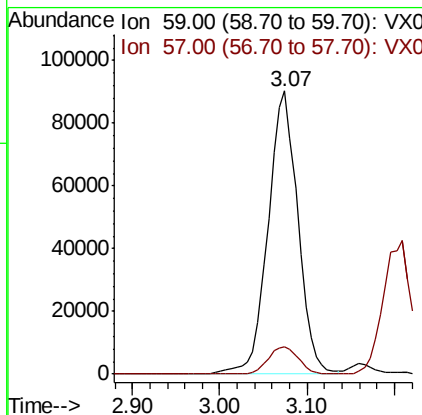
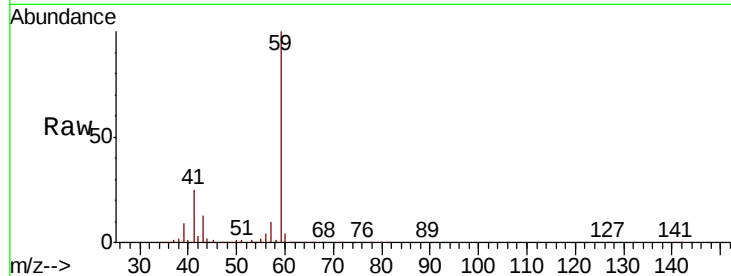


#11

Tert butyl alcohol
 Concen: 276.266 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

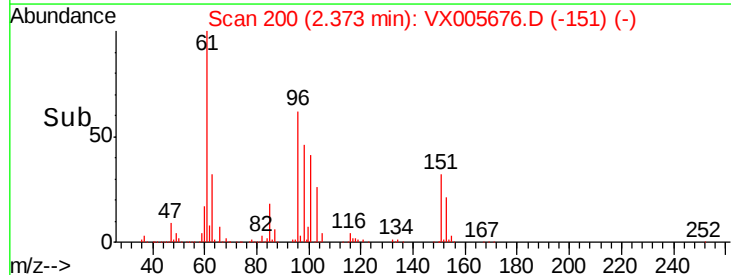
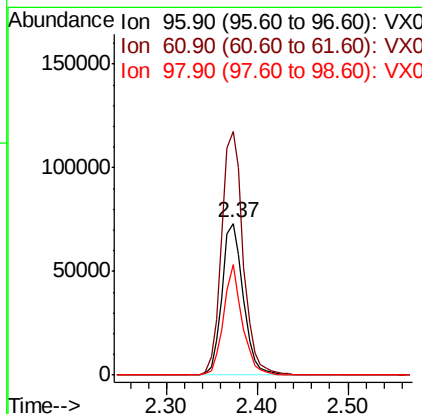
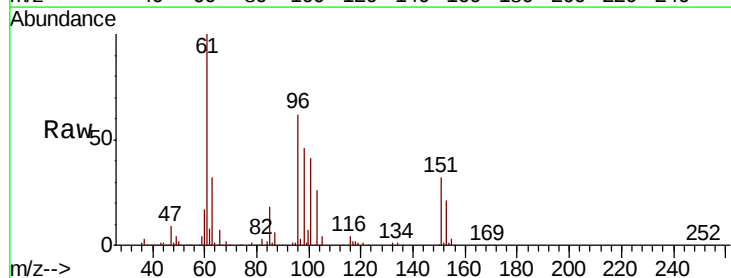
Tot Ion: 59 Resp: 213842
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

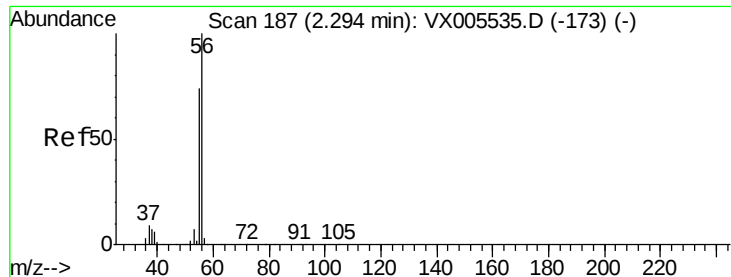


#12

1,1-Dichloroethene
 Concen: 54.217 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Tgt Ion: 96 Resp: 119925
 Ion Ratio Lower Upper
 96 100
 61 160.2 131.8 197.8
 98 72.9 53.4 80.2





#13

Acrolein

Concen: 223.335 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

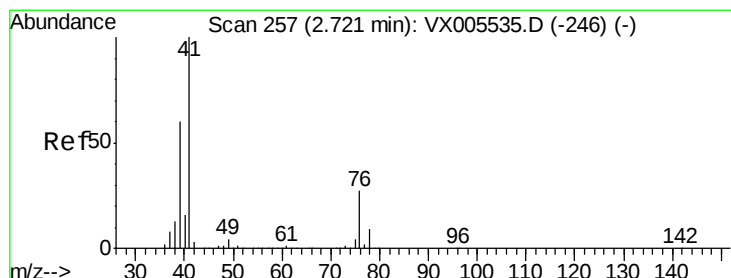
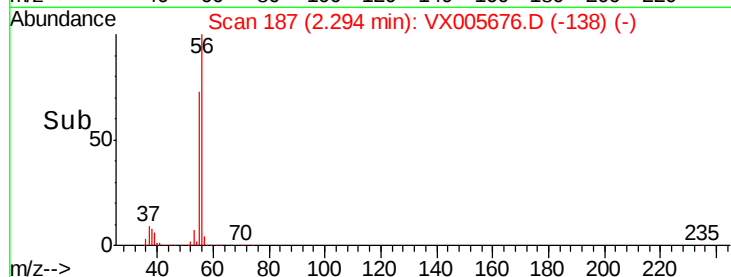
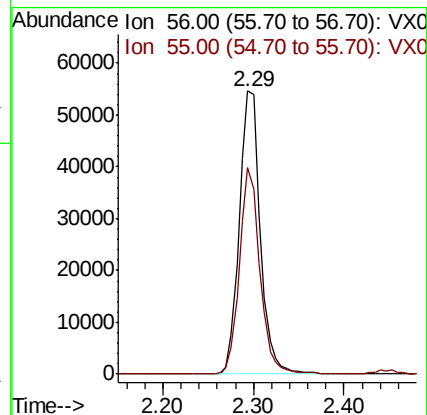
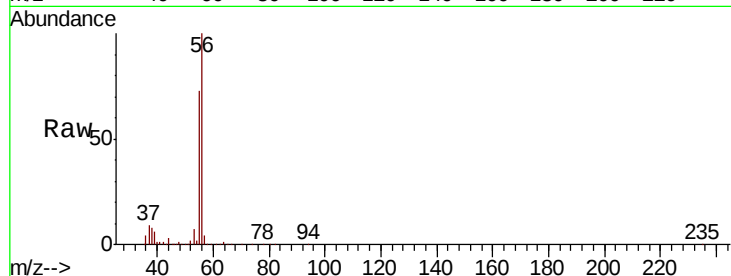
VSTDCCC050

Tot Ion: 56 Resp: 88183

Ion Ratio Lower Upper

56 100

55 71.1 57.3 85.9



#14

Allyl chloride

Concen: 51.143 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

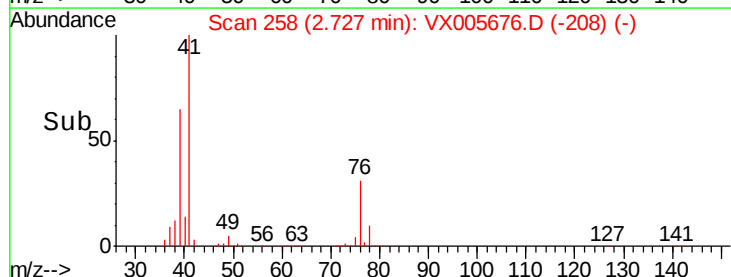
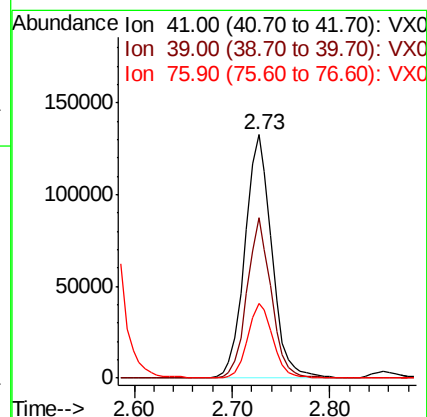
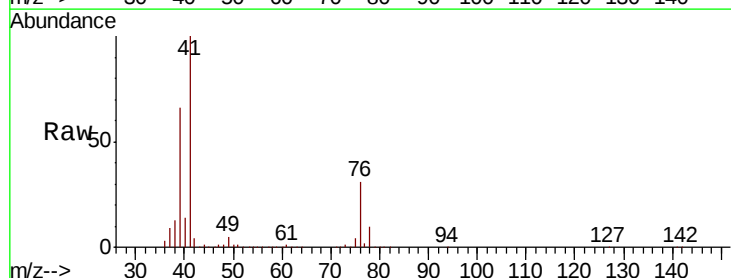
Tgt Ion: 41 Resp: 252474

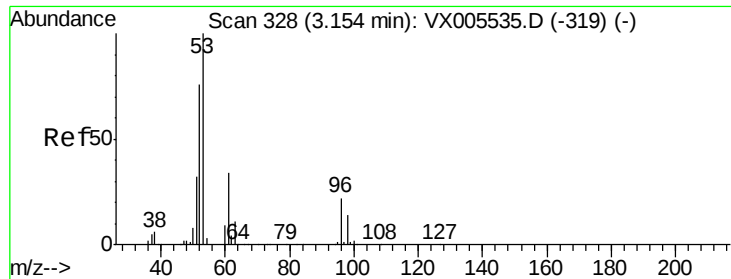
Ion Ratio Lower Upper

41 100

39 59.4 48.2 72.4

76 28.8 21.9 32.9





#15

Acrylonitrile

Concen: 263.681 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

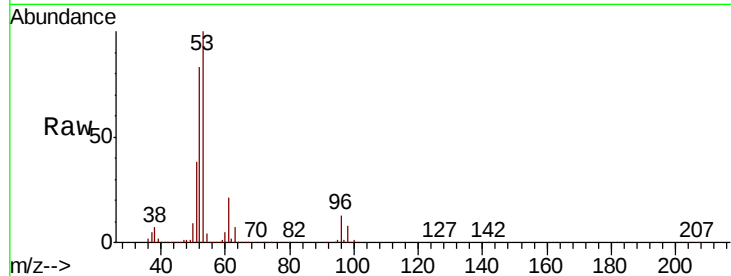
Tot Ion: 53 Resp: 457672

Ion Ratio Lower Upper

53 100

52 81.4 66.6 99.8

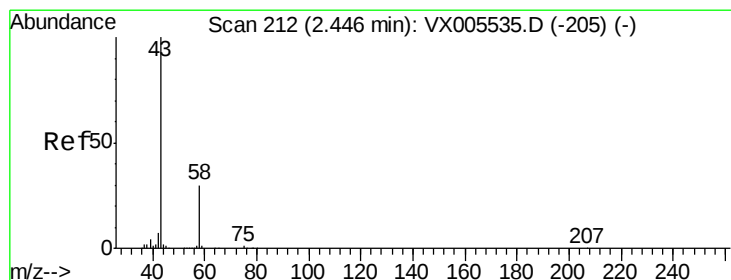
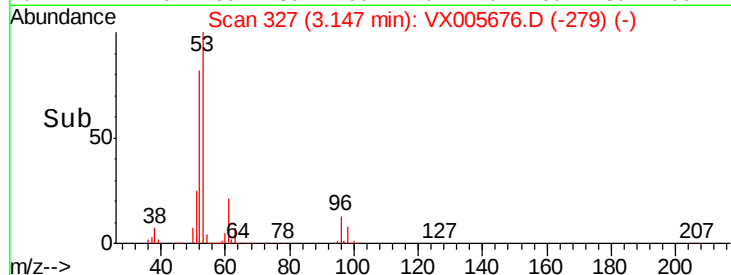
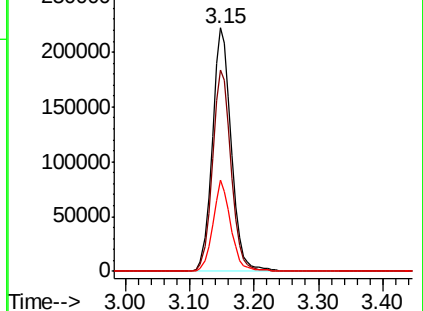
51 35.2 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 263.275 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005676.D

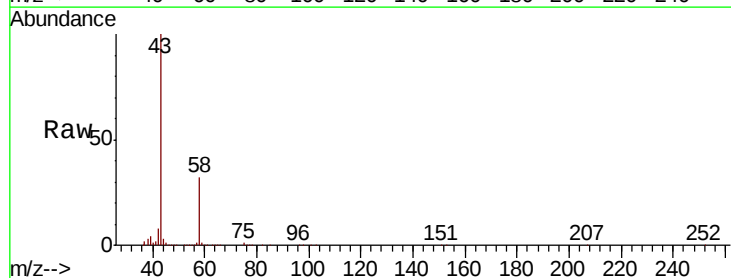
Acq: 29 Oct 2018 22:43

Tgt Ion: 43 Resp: 400167

Ion Ratio Lower Upper

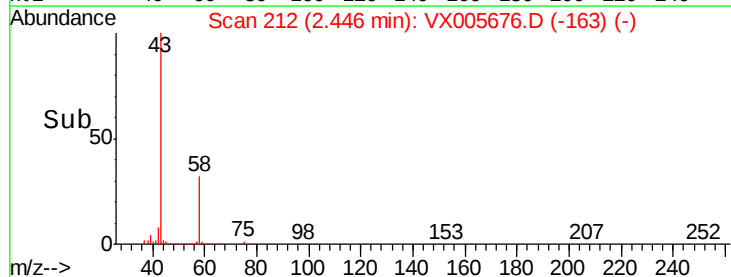
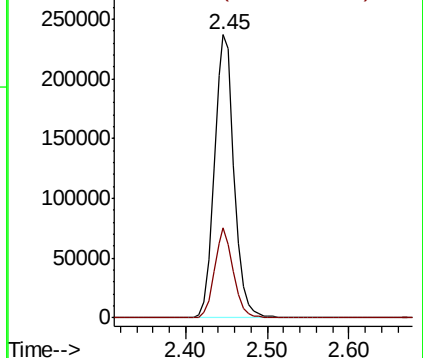
43 100

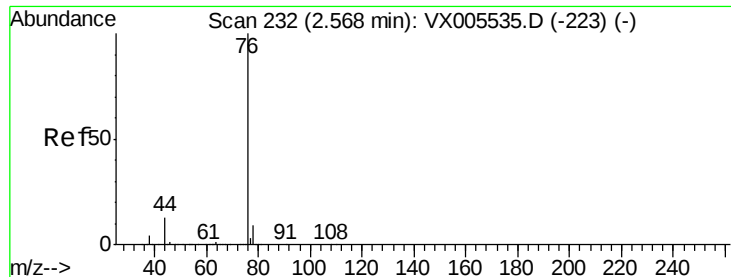
58 31.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.163 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

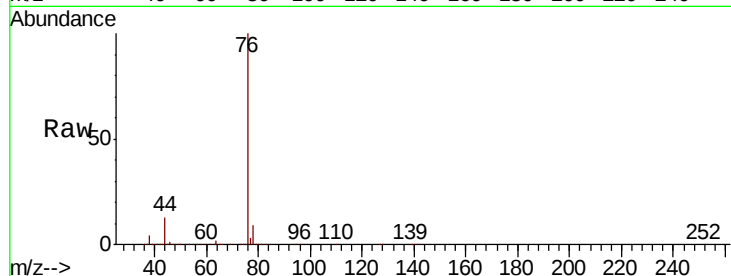
VSTDCCC050

Tot Ion: 76 Resp: 338241

Ion Ratio Lower Upper

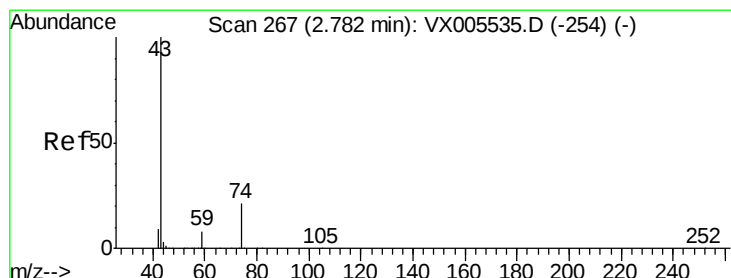
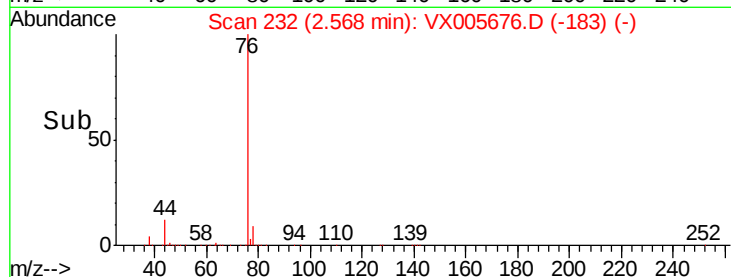
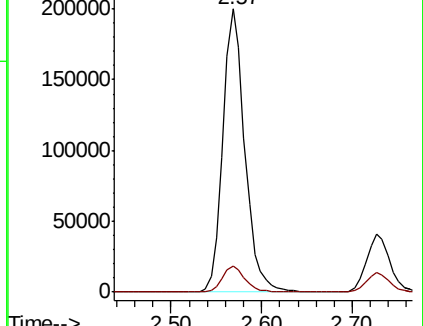
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.314 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005676.D

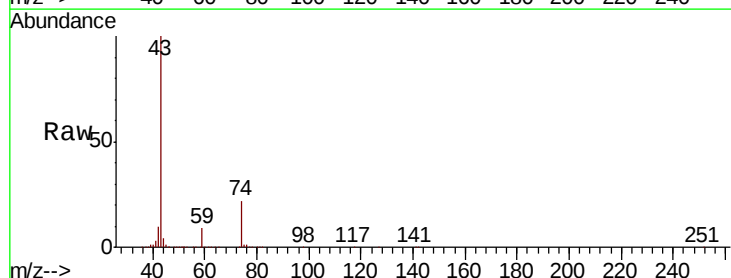
Acq: 29 Oct 2018 22:43

Tgt Ion: 43 Resp: 218049

Ion Ratio Lower Upper

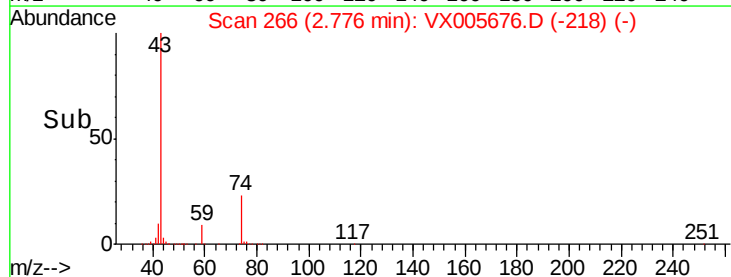
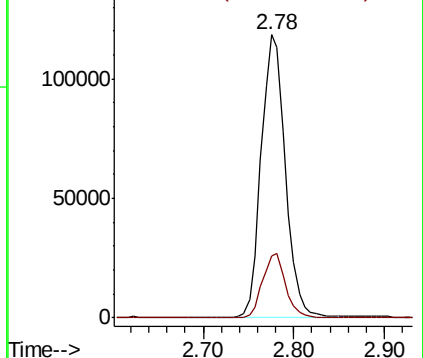
43 100

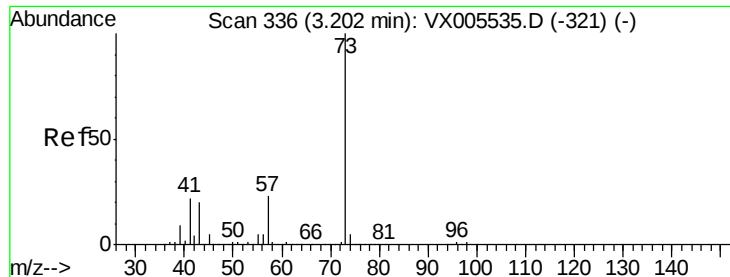
74 21.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

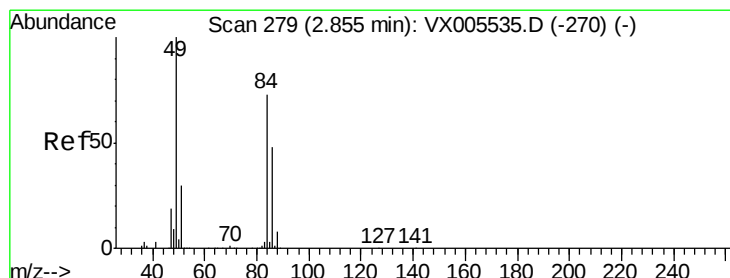
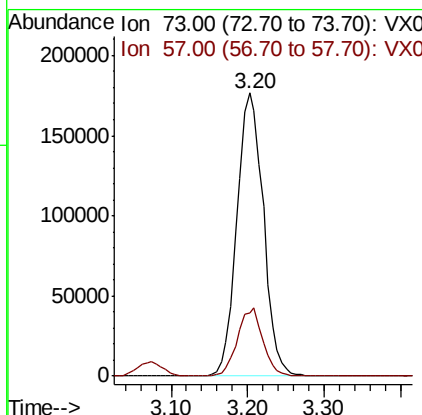
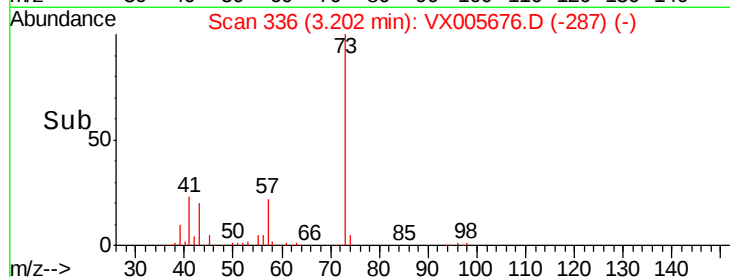
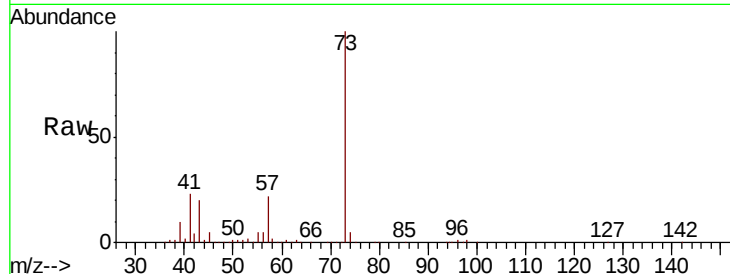




#19
Methvl tert-butvl Ether
Concen: 53.667 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

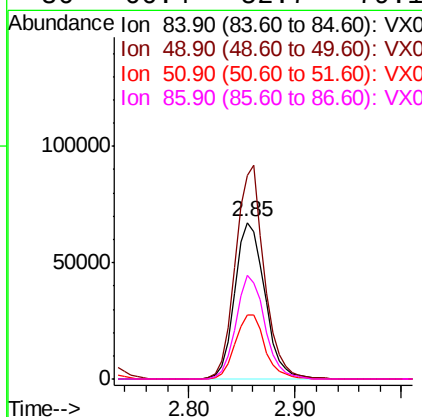
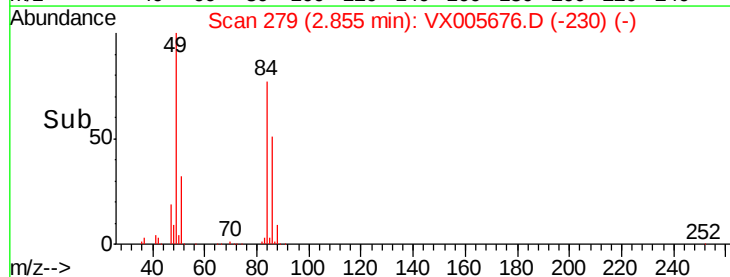
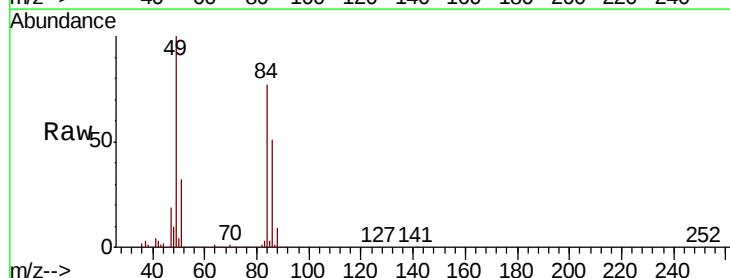
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

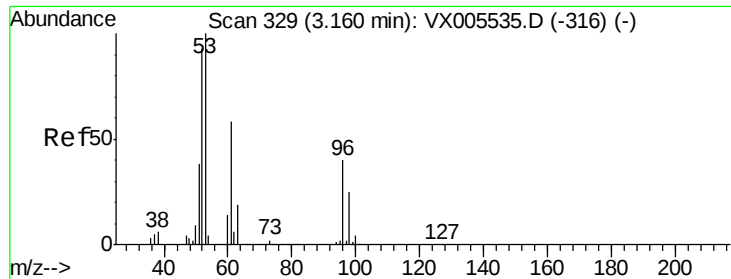
Tot Ion: 73 Resp: 423452
Ion Ratio Lower Upper
73 100
57 22.3 18.8 28.2



#20
Methylene Chloride
Concen: 52.563 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion: 84 Resp: 133807
Ion Ratio Lower Upper
84 100
49 130.3 109.5 164.3
51 41.2 33.3 49.9
86 66.4 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 51.976 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

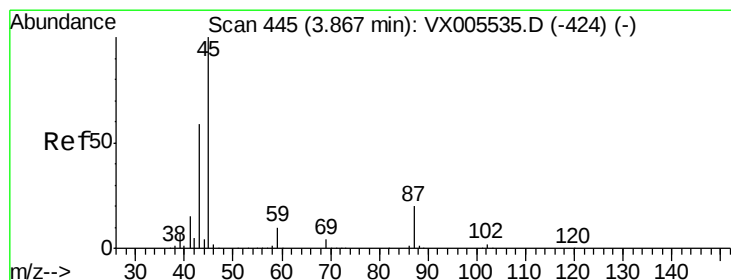
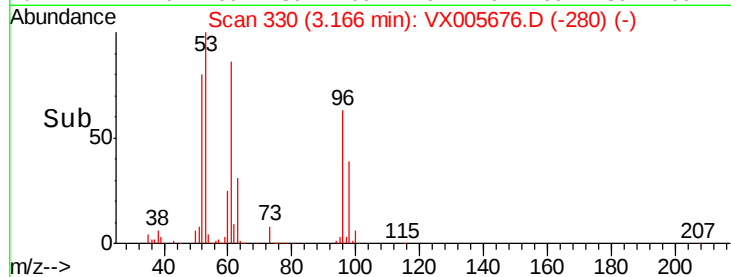
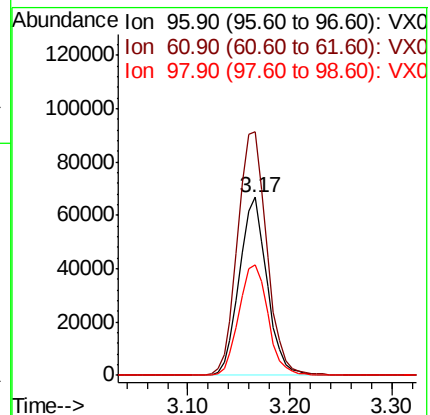
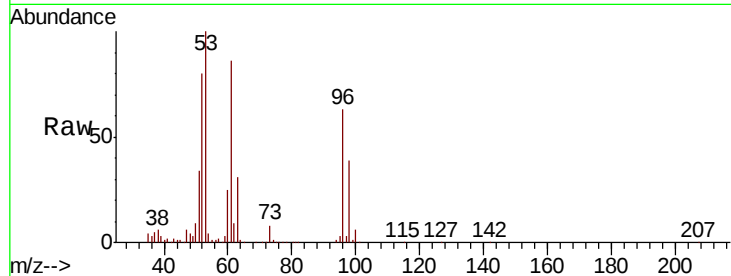
Tot Ion: 96 Resp: 125528

Ion Ratio Lower Upper

96 100

61 136.5 115.6 173.4

98 62.0 50.2 75.2



#22

Diisopropyl ether

Concen: 53.046 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Tgt Ion: 45 Resp: 457300

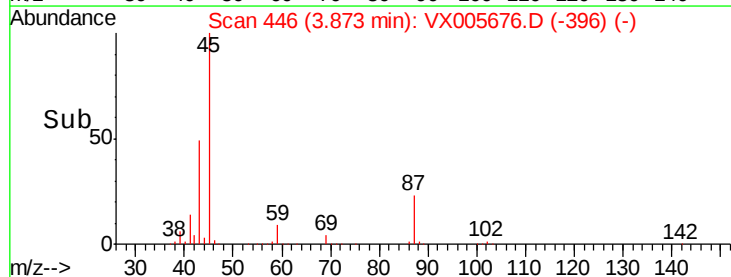
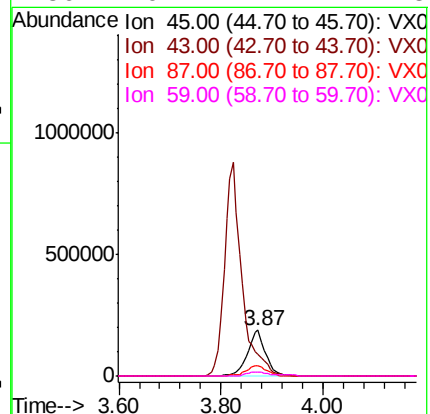
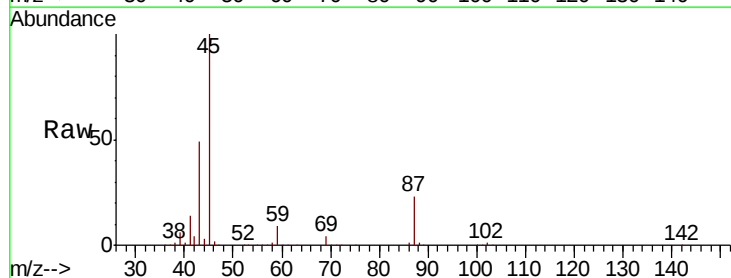
Ion Ratio Lower Upper

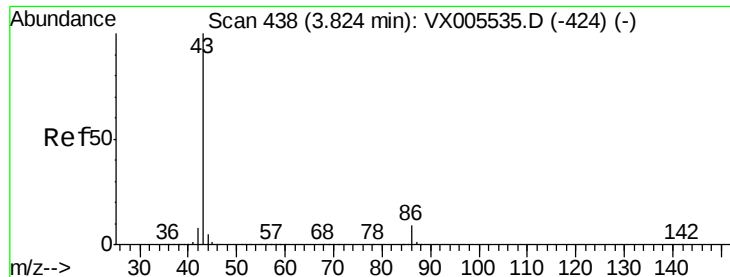
45 100

43 48.6 47.4 71.2

87 23.3 15.9 23.9

59 9.2 7.7 11.5





#23

Vinyl Acetate

Concen: 273.095 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

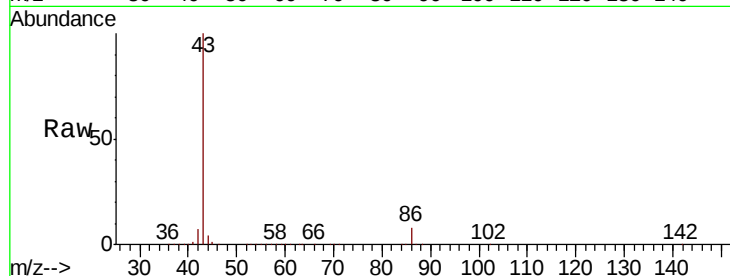
VSTDCCC050

Tot Ion: 43 Resp: 2073451

Ion Ratio Lower Upper

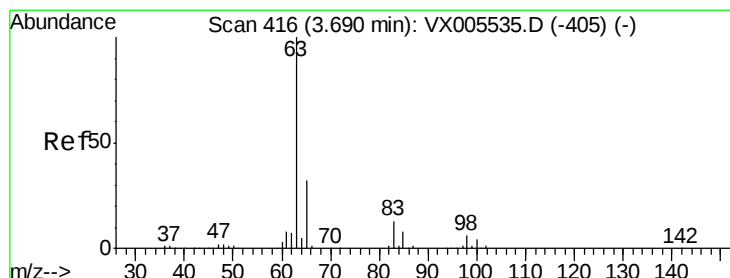
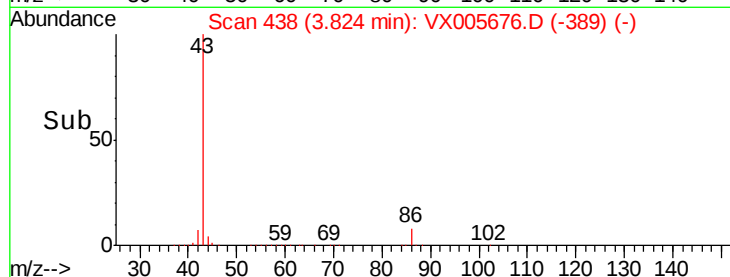
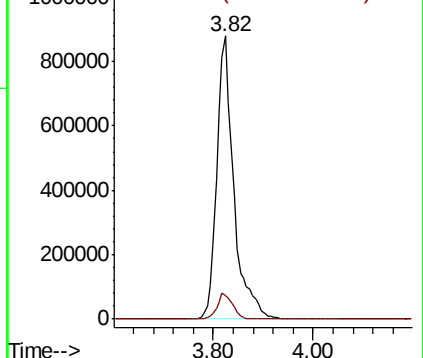
43 100

86 8.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.346 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

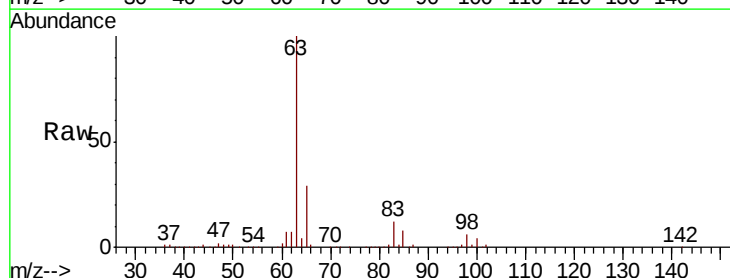
Tgt Ion: 63 Resp: 245347

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

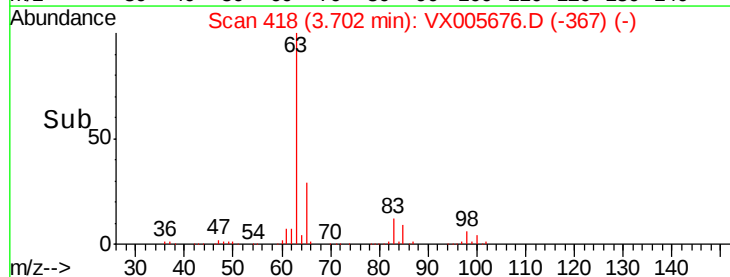
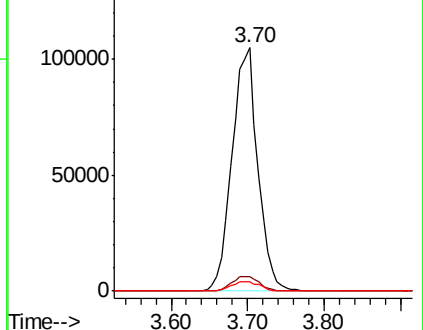
100 3.9 2.1 6.2

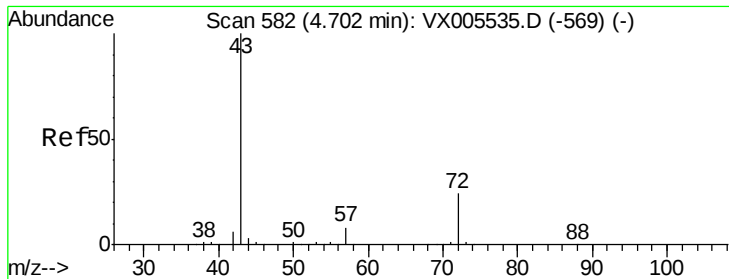


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 280.338 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

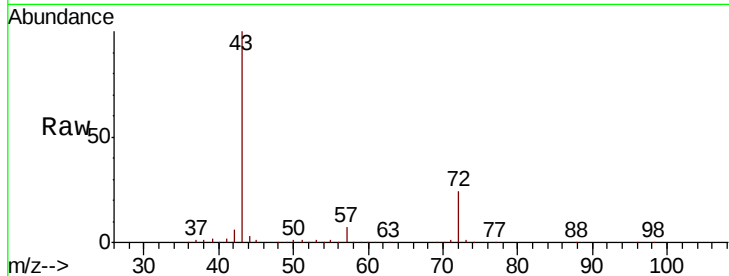
VSTDCCC050

Tot Ion: 43 Resp: 648866

Ion Ratio Lower Upper

43 100

72 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

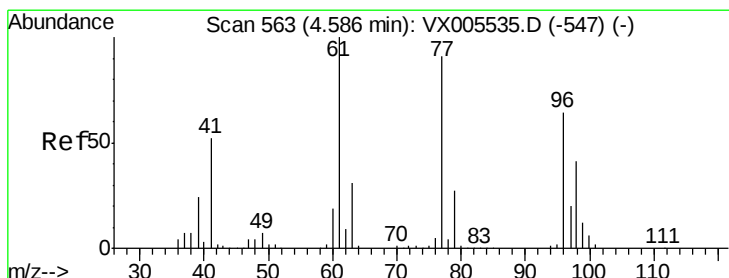
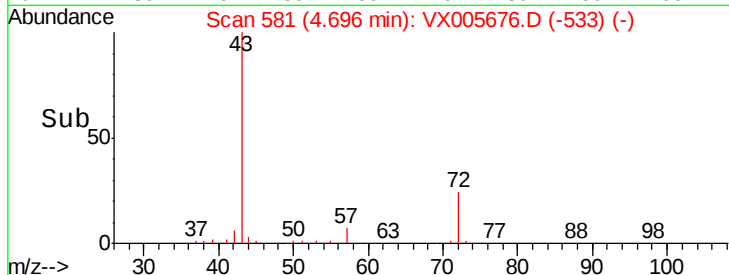
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.418 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX005676.D

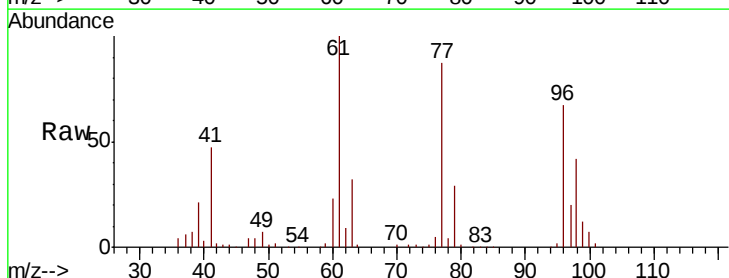
Acq: 29 Oct 2018 22:43

Tgt Ion: 77 Resp: 164348

Ion Ratio Lower Upper

77 100

97 24.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

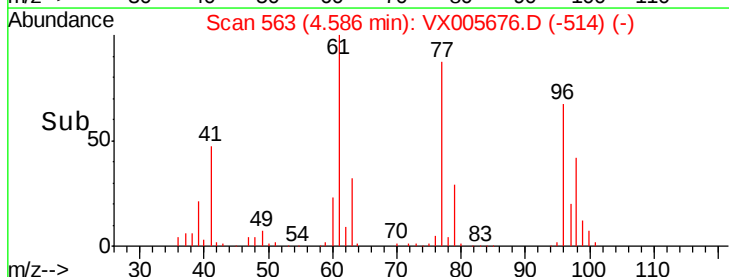
20000

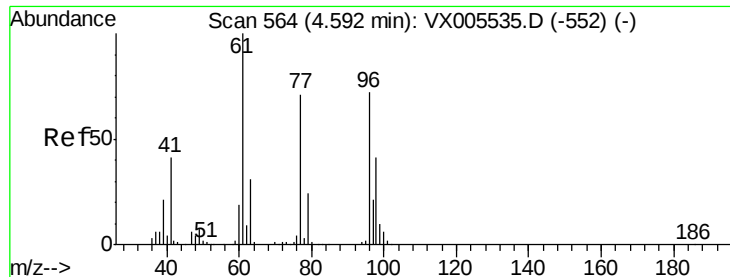
10000

0

4.40 4.50 4.60 4.70

Time-->



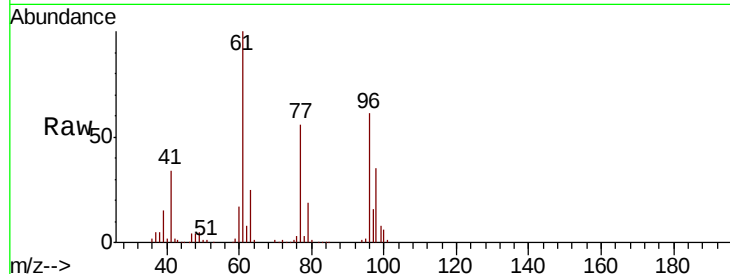


#27

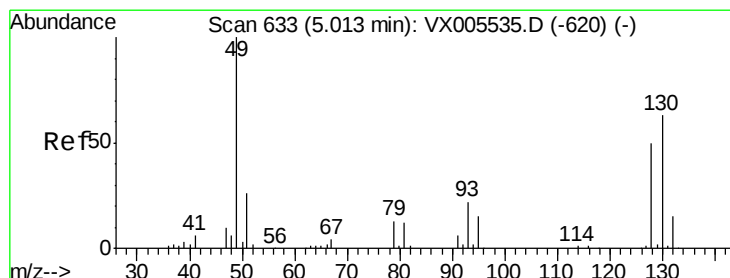
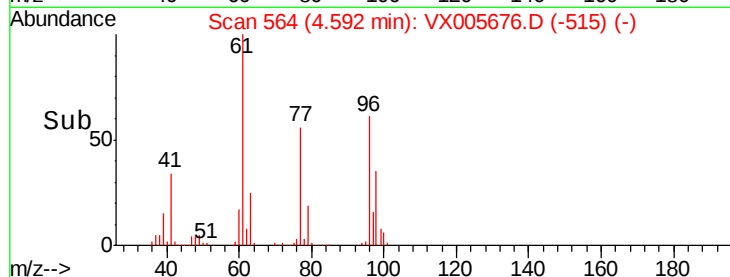
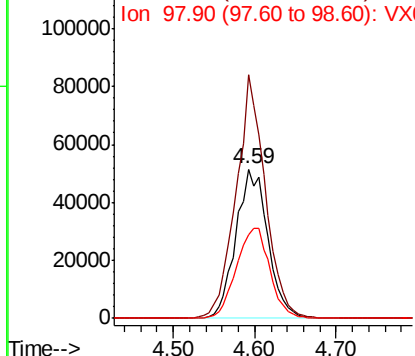
cis-1,2-Dichloroethene
 Concen: 53.596 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	304.6
98	63.7	0.0	127.4



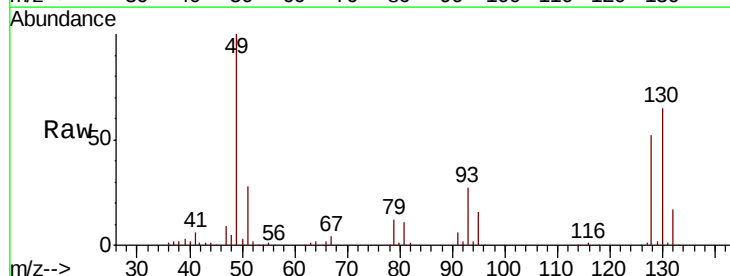
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



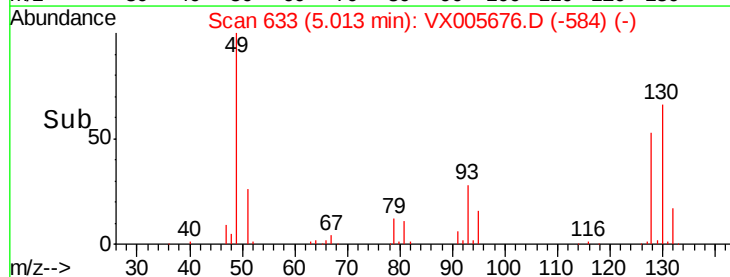
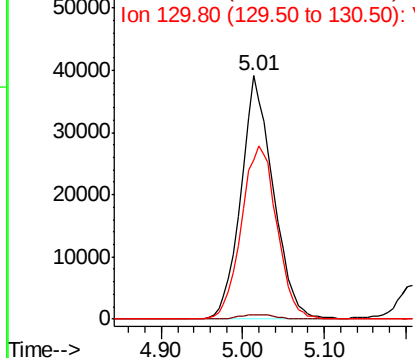
#28

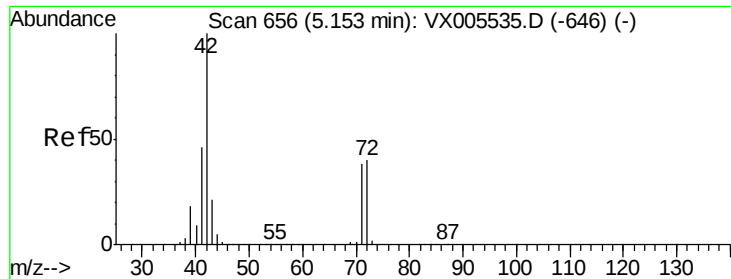
Bromochloromethane
 Concen: 47.595 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	77.7	58.9	88.3



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





#29

Tetrahydrofuran

Concen: 262.687 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

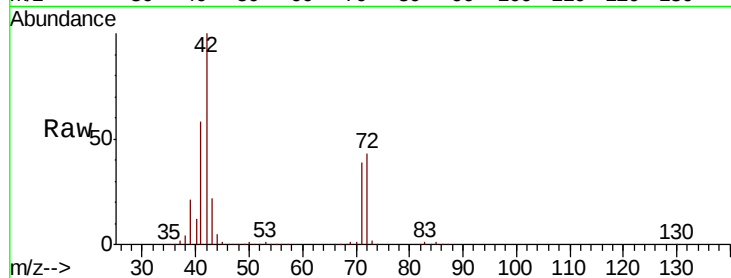
Tot Ion: 42 Resp: 395681

Ion Ratio Lower Upper

42 100

72 42.5 32.0 48.0

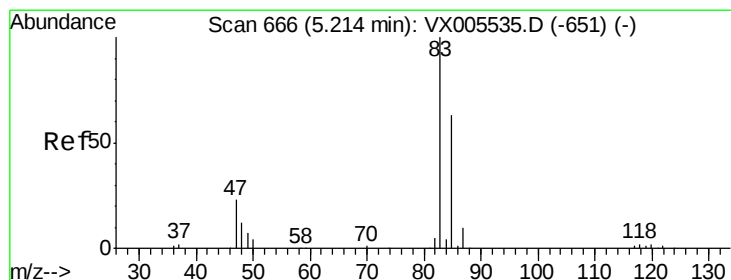
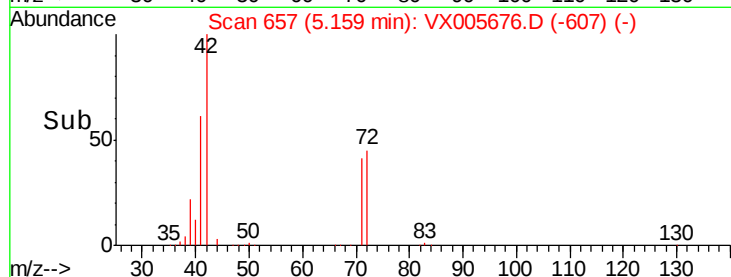
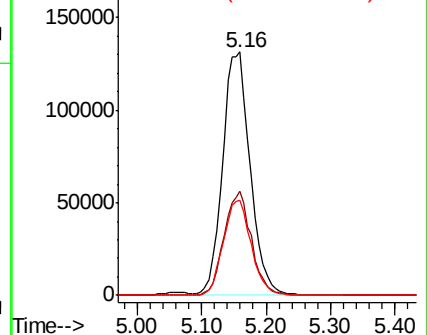
71 39.7 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.382 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005676.D

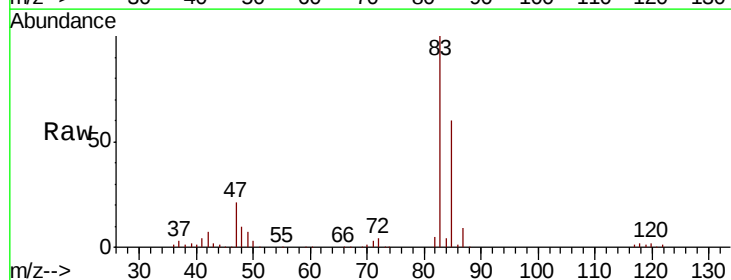
Acq: 29 Oct 2018 22:43

Tgt Ion: 83 Resp: 225269

Ion Ratio Lower Upper

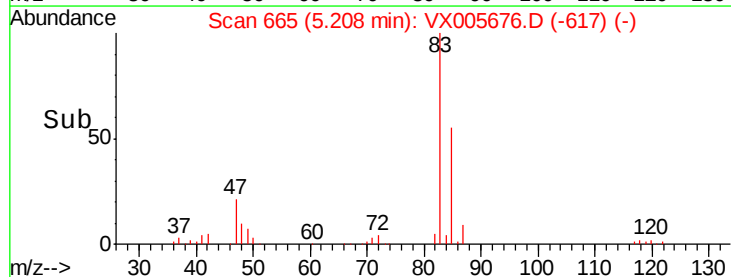
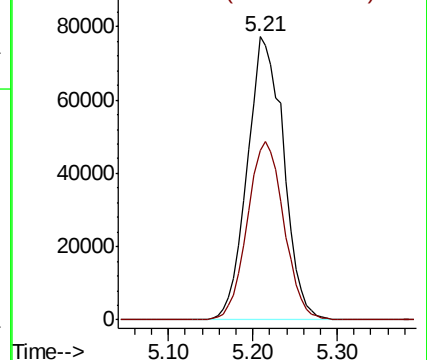
83 100

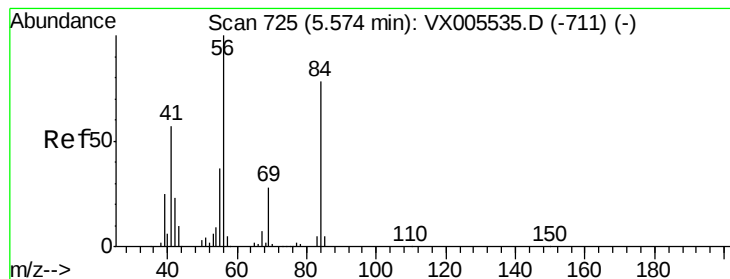
85 59.8 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.049 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

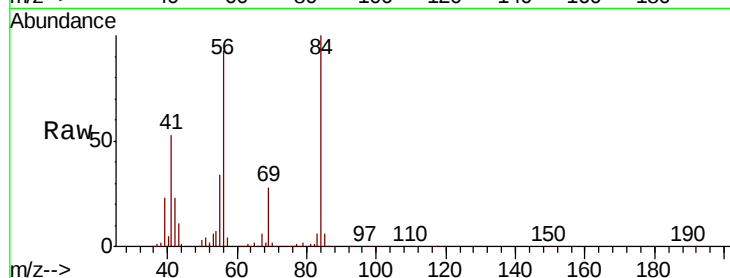
Tot Ion: 56 Resp: 205724

Ion Ratio Lower Upper

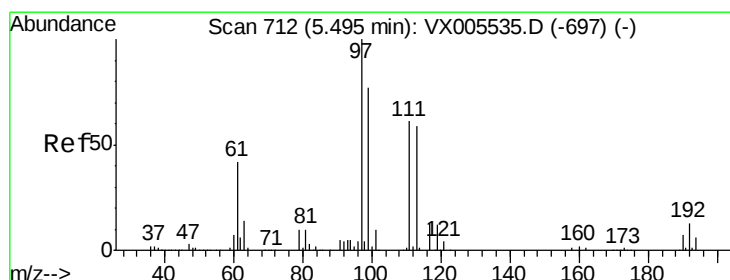
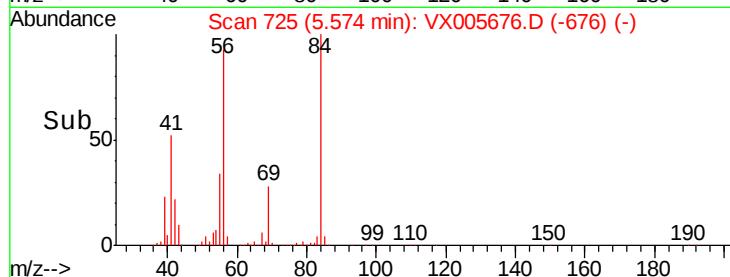
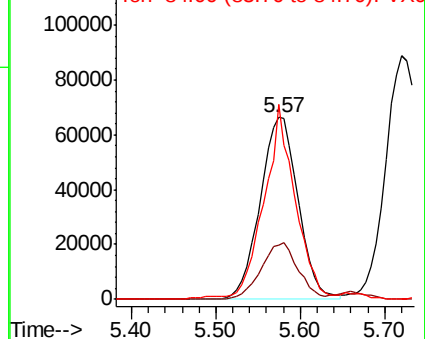
56 100

69 30.0 22.6 34.0

84 106.7 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: 51.469 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

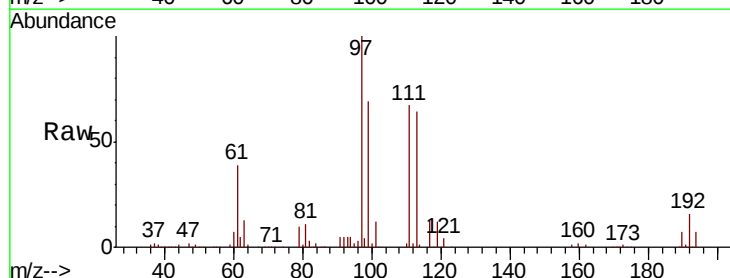
Tgt Ion: 97 Resp: 199163

Ion Ratio Lower Upper

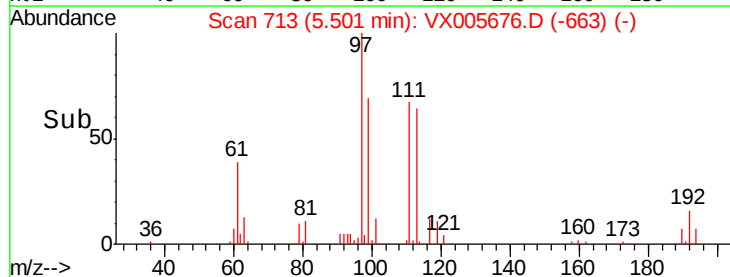
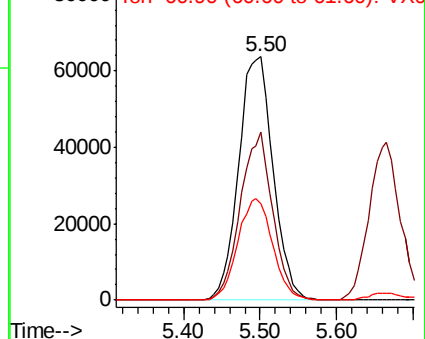
97 100

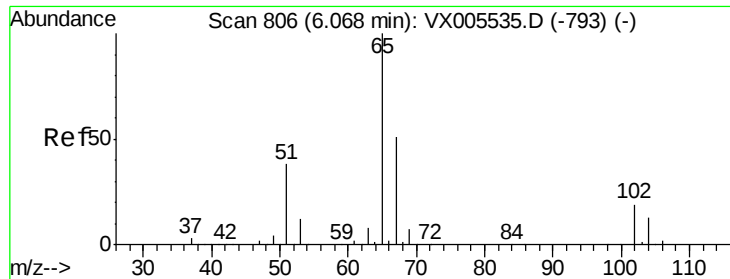
99 64.6 52.3 78.5

61 42.2 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: 49.523 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

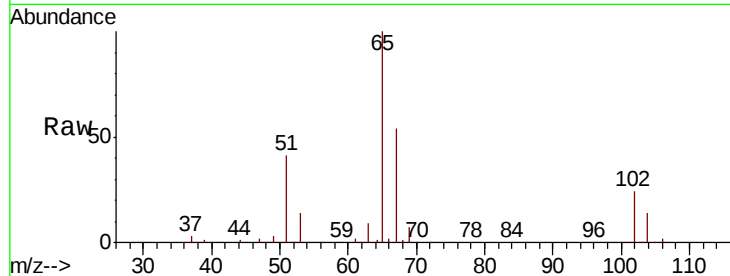
VSTDCCC050

Tot Ion: 65 Resp: 142450

Ion Ratio Lower Upper

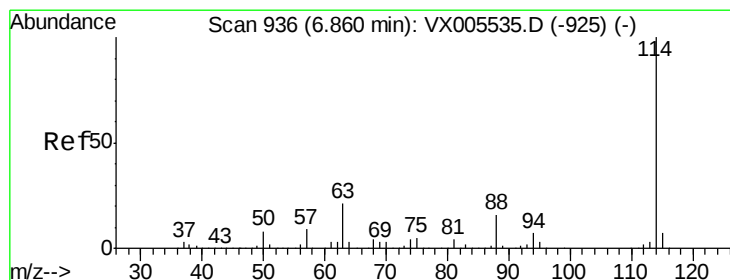
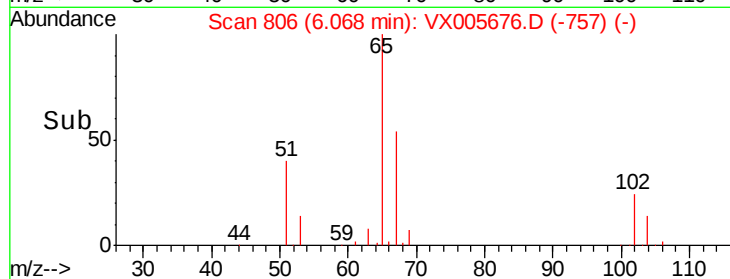
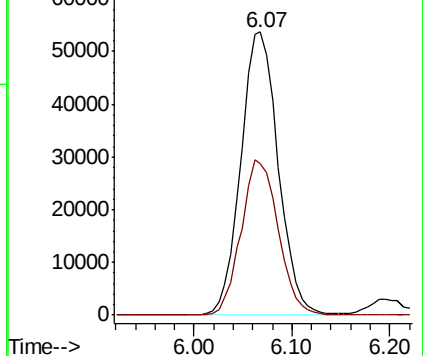
65 100

67 54.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

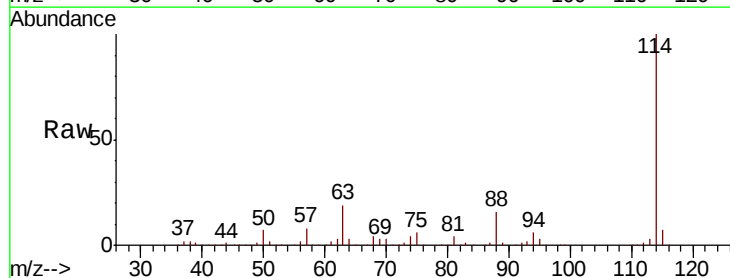
Tgt Ion: 114 Resp: 364633

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.8

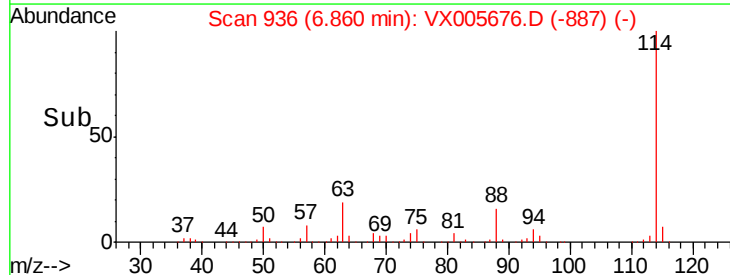
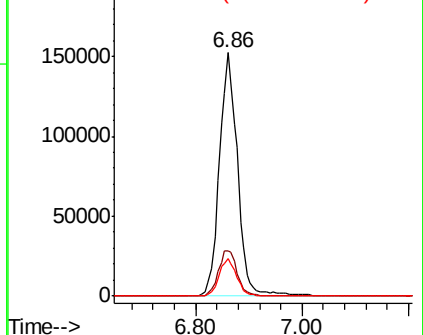
88 15.6 0.0 31.2

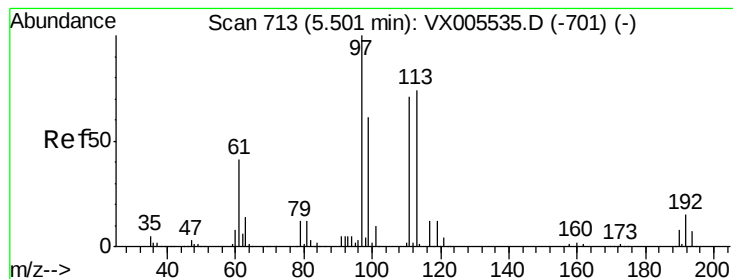


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.315 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

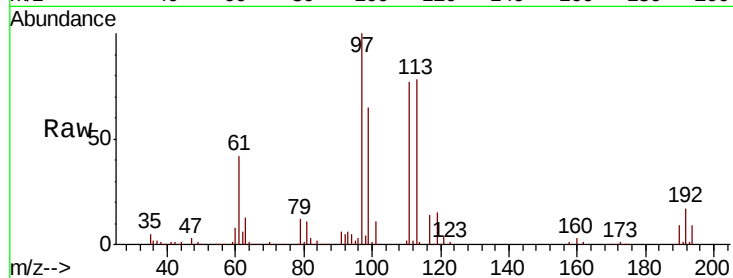
Tot Ion:113 Resp: 119290

Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

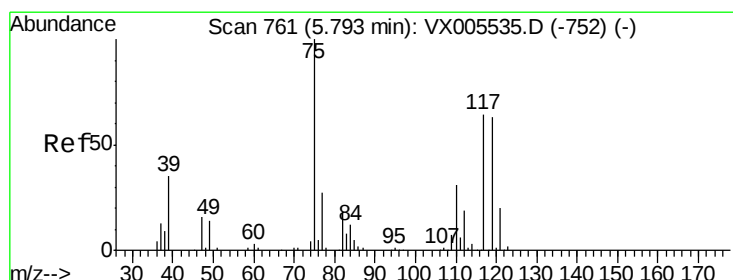
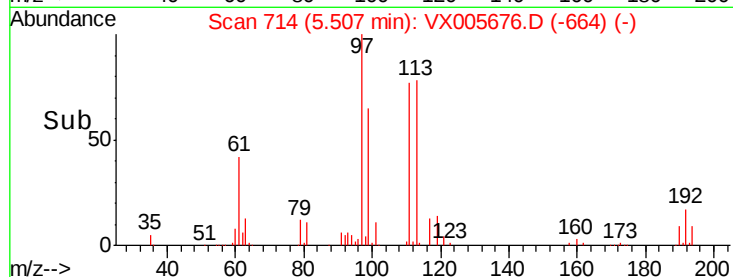
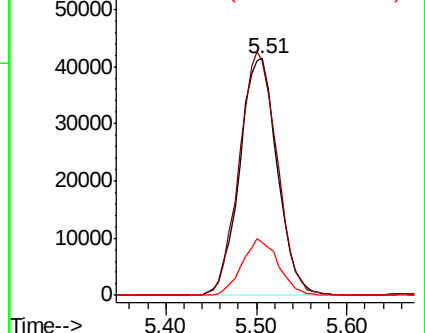
192 23.0 17.9 26.9



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: 49.709 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

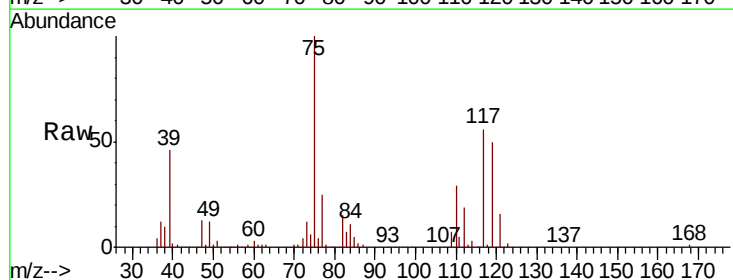
Tgt Ion: 75 Resp: 175900

Ion Ratio Lower Upper

75 100

110 35.2 17.4 52.2

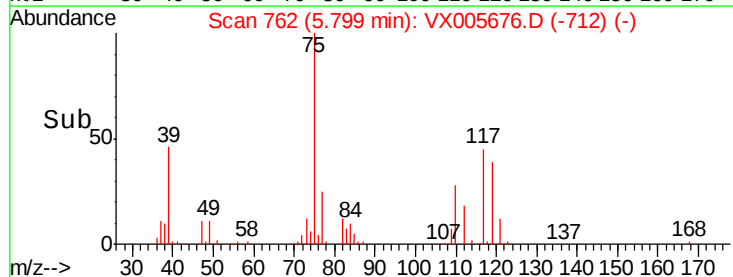
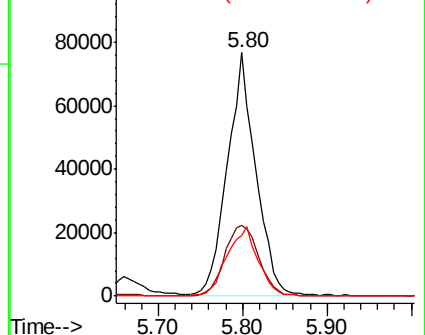
77 30.7 25.8 38.6

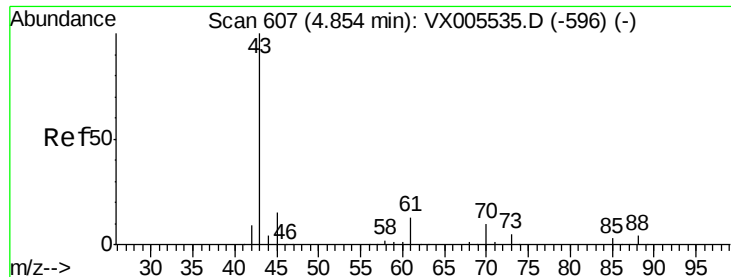


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

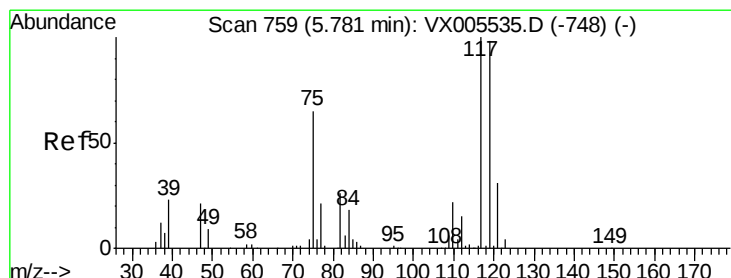
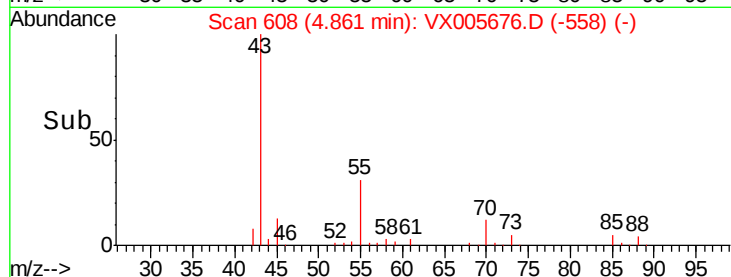
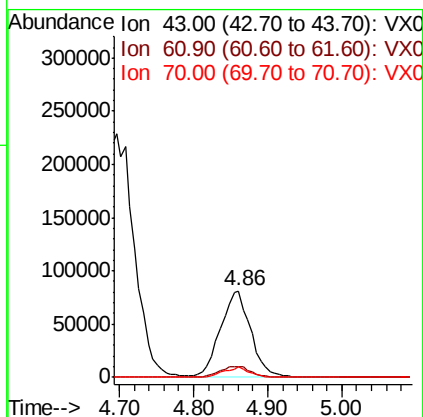
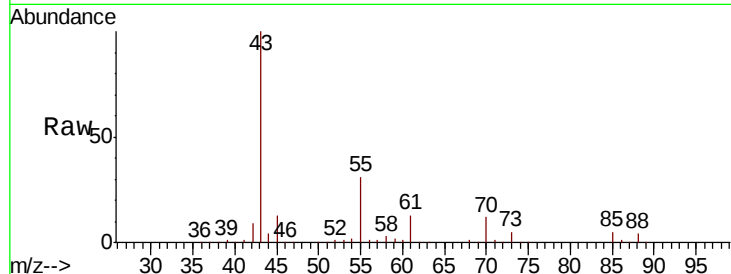




#37
Ethyl Acetate
Concen: 50.863 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

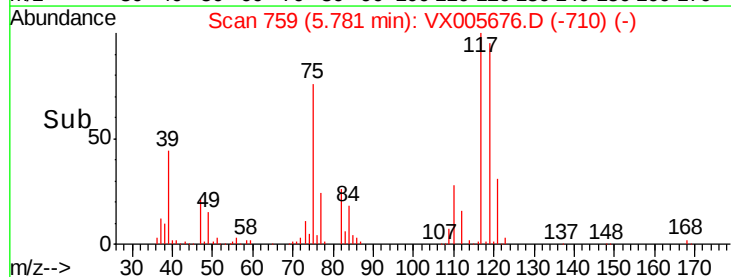
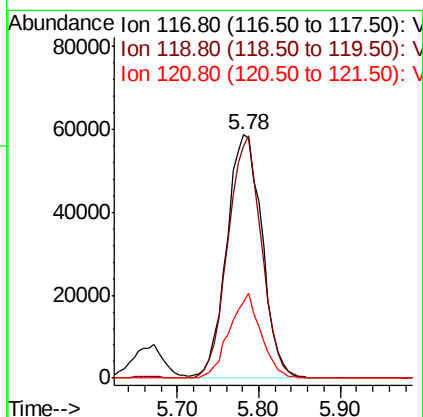
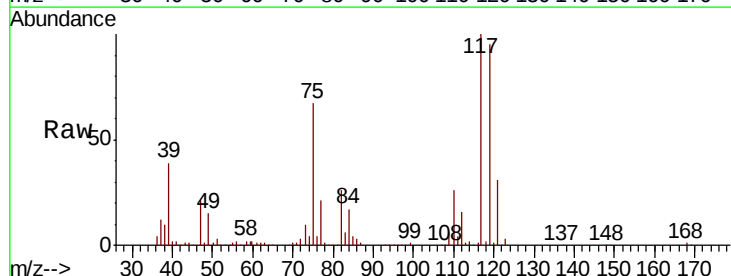
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

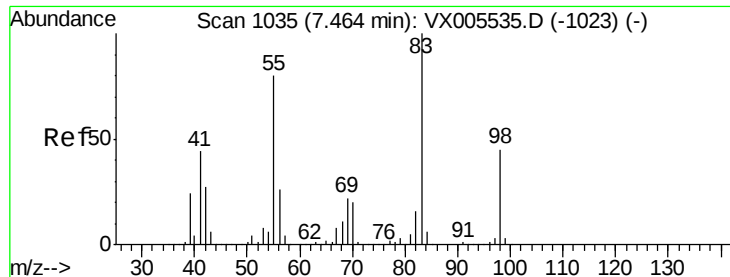
Tot Ion: 43 Resp: 229673
Ion Ratio Lower Upper
43 100
61 13.1 10.8 16.2
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.146 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion: 117 Resp: 175712
Ion Ratio Lower Upper
117 100
119 95.3 78.1 117.1
121 31.4 24.6 36.8

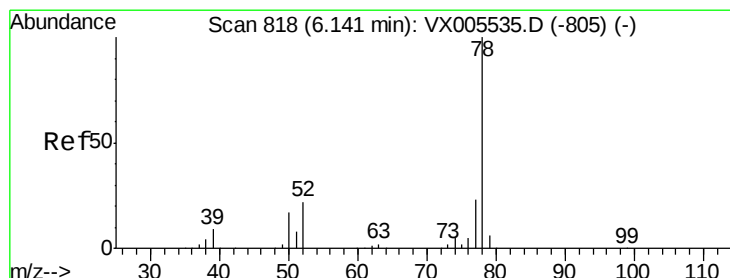
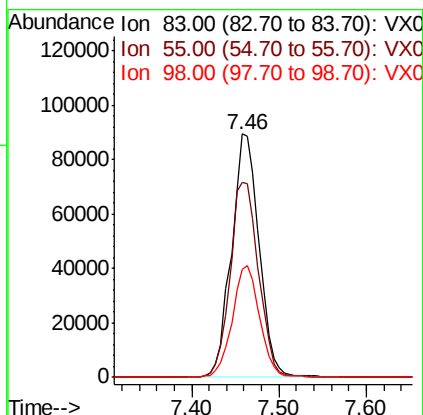
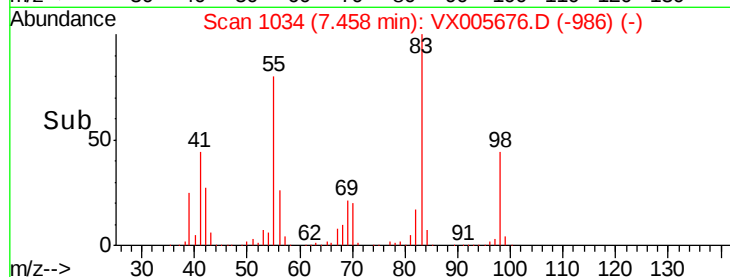
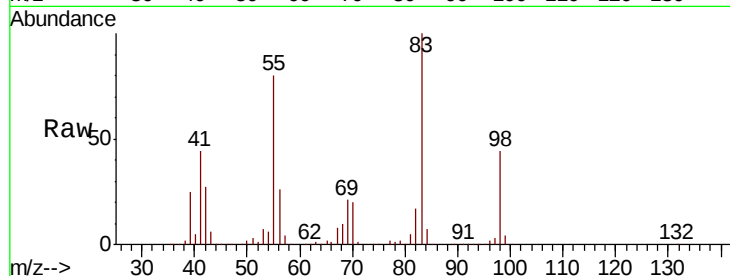




#39
Methvlcvclohexane
Concen: 50.331 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

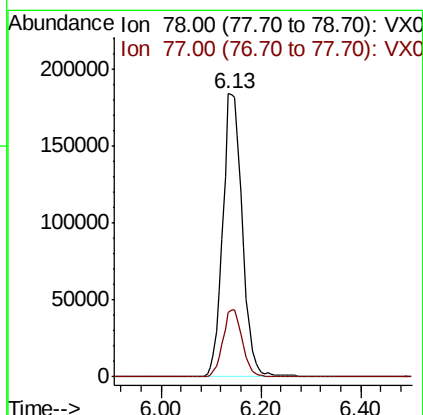
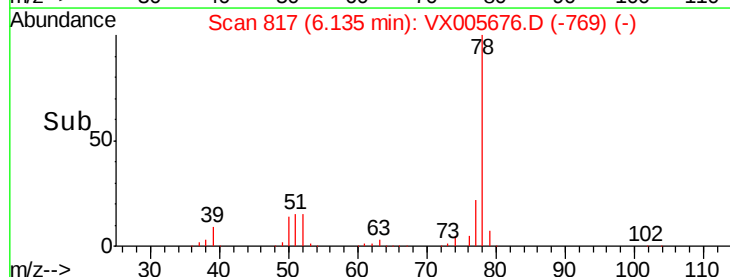
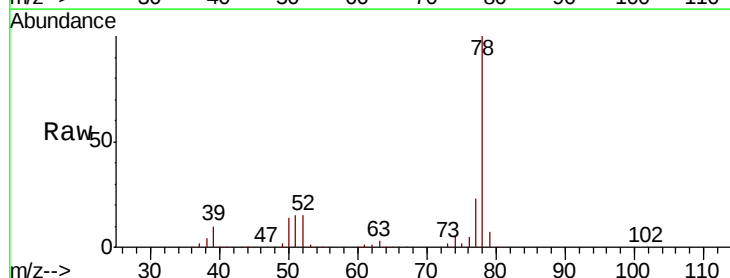
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

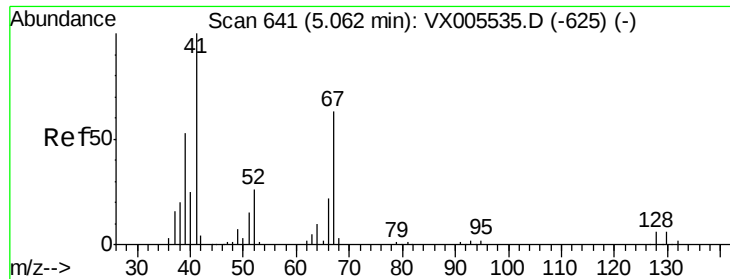
Tot Ion: 83 Resp: 196666
Ion Ratio Lower Upper
83 100
55 80.1 63.7 95.5
98 44.2 36.2 54.2



#40
Benzene
Concen: 49.637 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion: 78 Resp: 503508
Ion Ratio Lower Upper
78 100
77 22.8 18.4 27.6

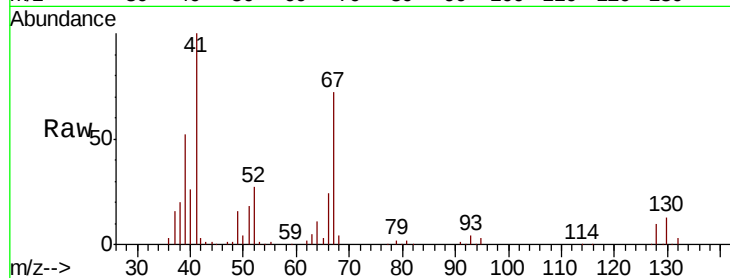




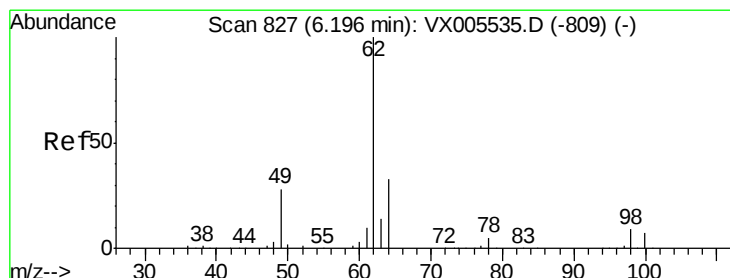
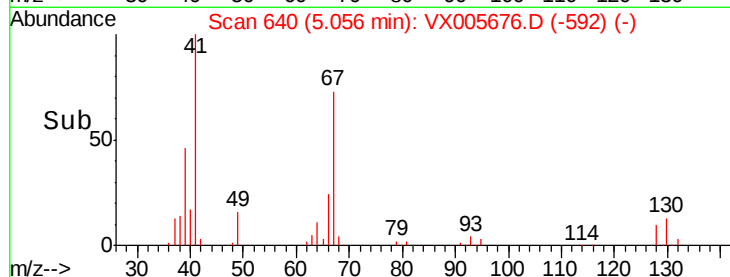
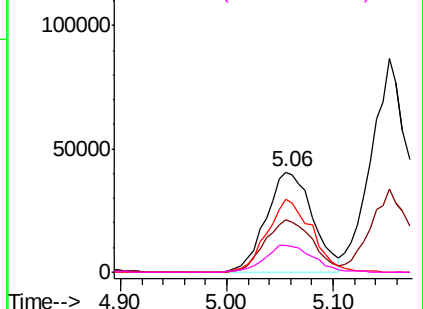
#41
Methacrylonitrile
Concen: 48.921 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	123051
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.2	63.2
67	69.8	53.4	80.0
52	28.5	23.4	35.2

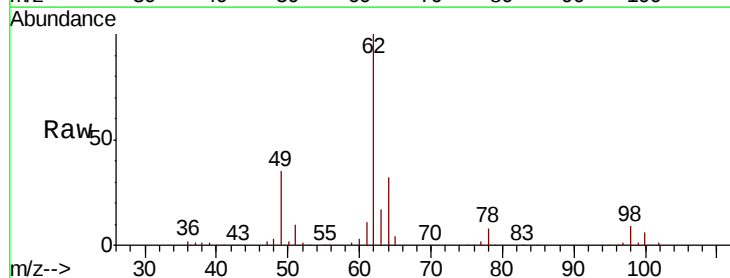


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

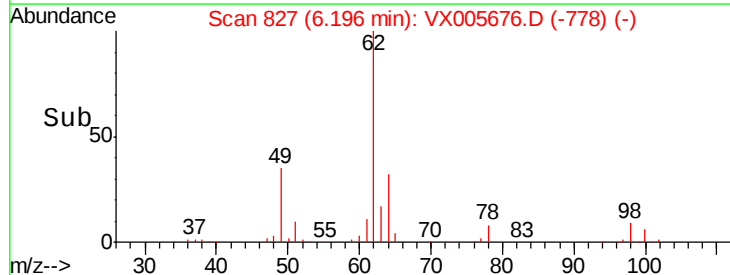
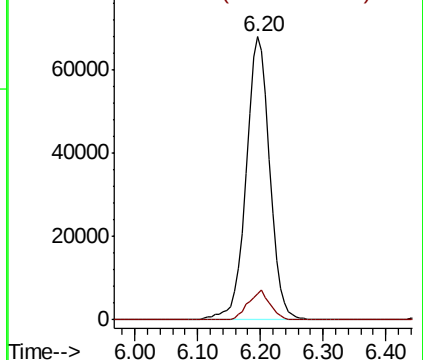


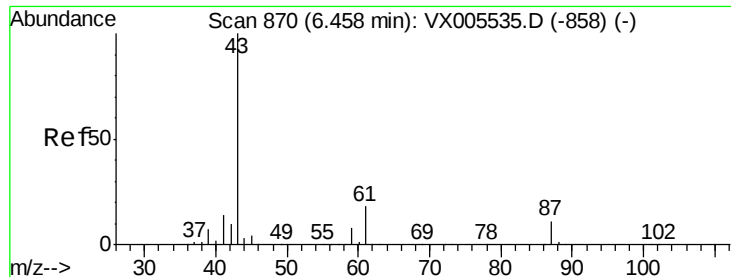
#42
1,2-Dichloroethane
Concen: 45.862 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion:	62	Resp:	176730
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8



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



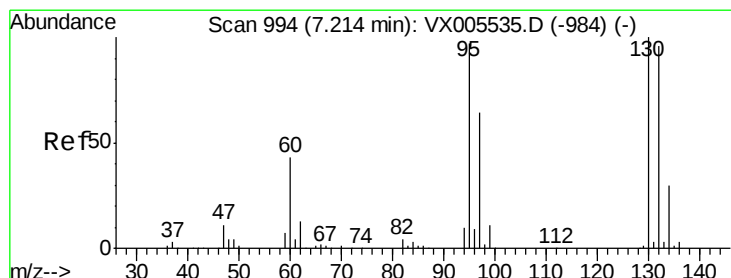
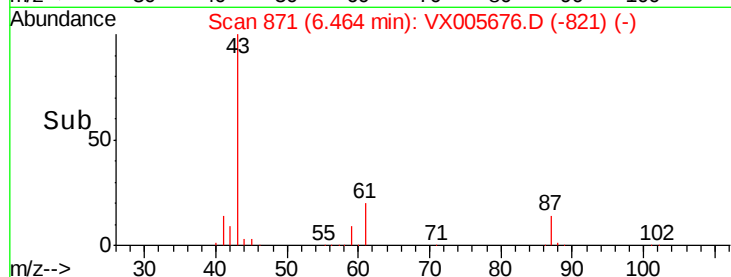
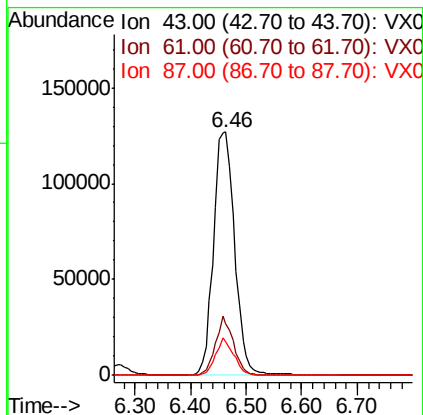
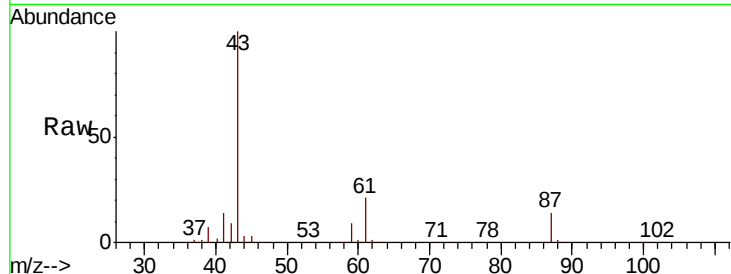


#43

Isopropyl Acetate
 Concen: 49.470 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

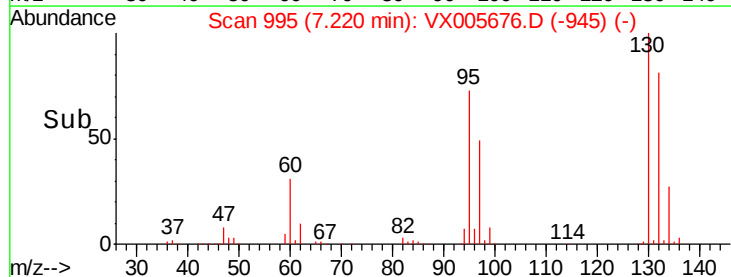
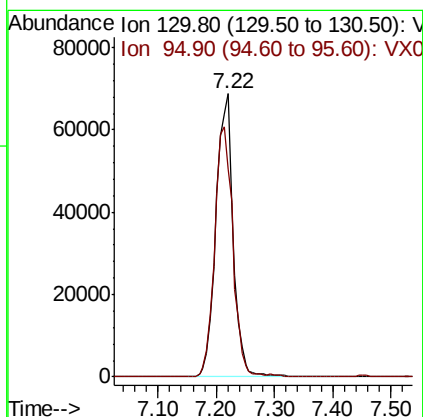
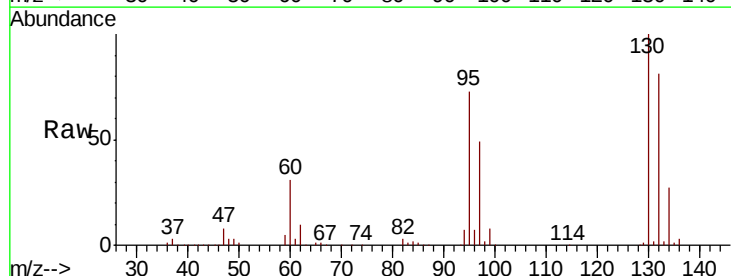
Tot Ion: 43 Resp: 334742
 Ion Ratio Lower Upper
 43 100
 61 20.6 14.6 22.0
 87 13.3 9.6 14.4

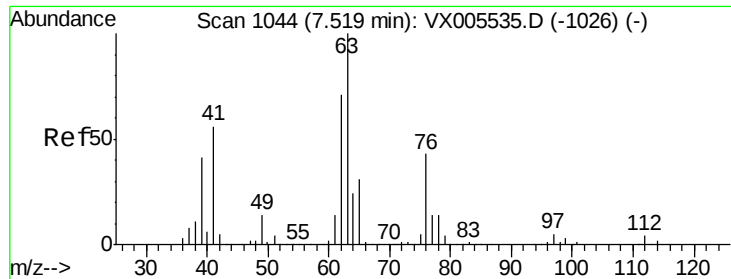


#44

Trichloroethene
 Concen: 50.738 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Tgt Ion: 130 Resp: 140212
 Ion Ratio Lower Upper
 130 100
 95 73.3 0.0 194.2

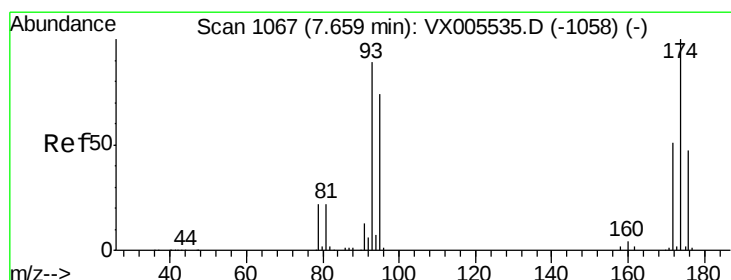
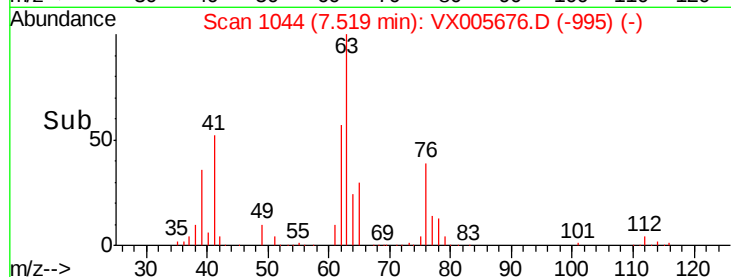
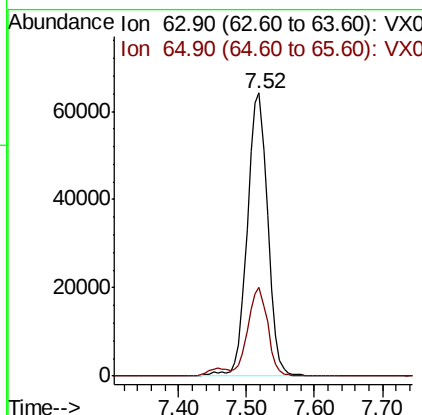
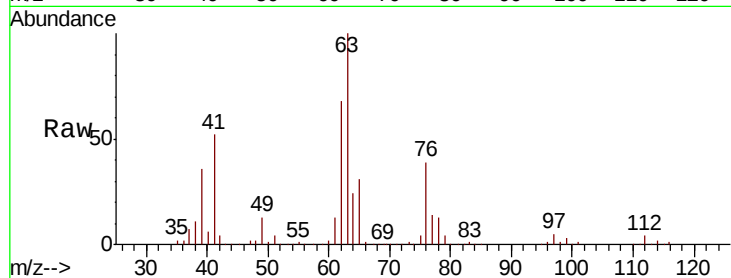




#45
 1,2-Dichloropropane
 Concen: 49.334 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

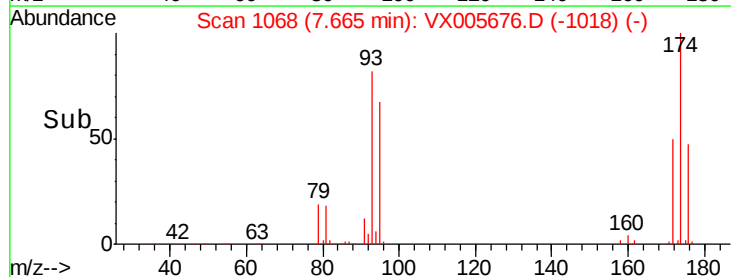
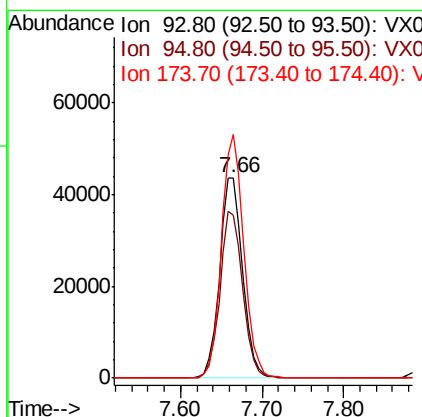
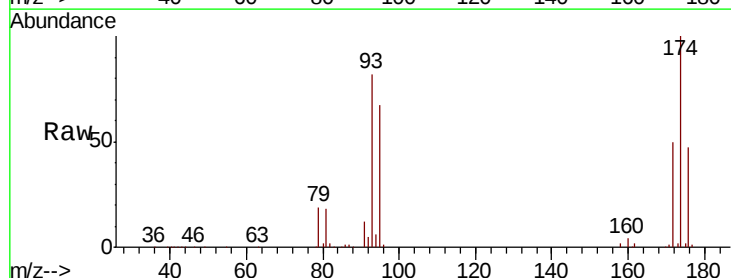
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

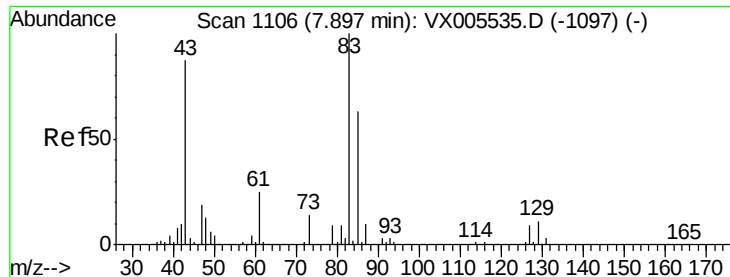
Tot Ion: 63 Resp: 134542
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2



#46
 Dibromomethane
 Concen: 48.418 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Tgt Ion: 93 Resp: 85283
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.4 101.0
 174 117.8 91.5 137.3





#47

Bromodichloromethane

Concen: 47.917 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

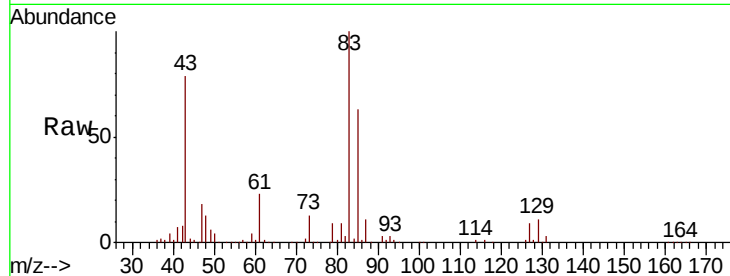
Tot Ion: 83 Resp: 163810

Ion Ratio Lower Upper

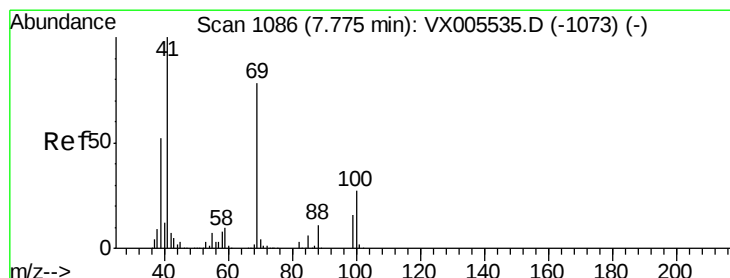
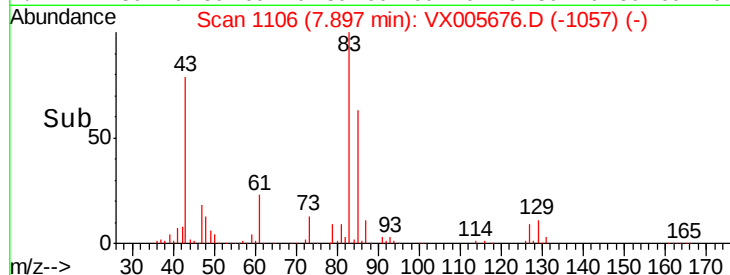
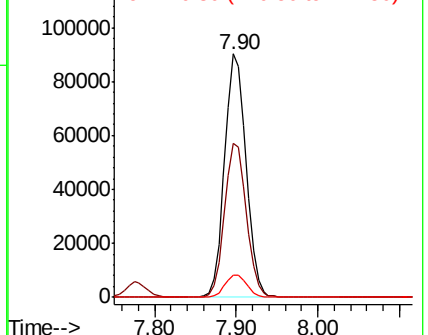
83 100

85 63.1 50.2 75.4

127 9.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.119 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

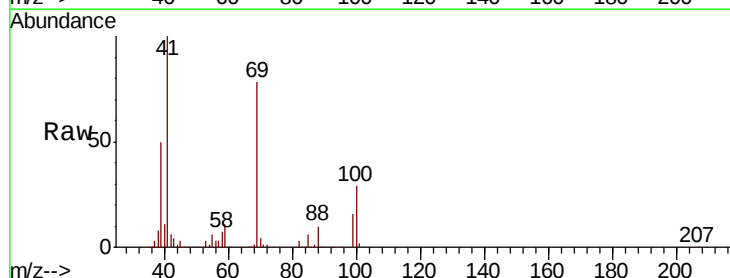
Tgt Ion: 41 Resp: 168510

Ion Ratio Lower Upper

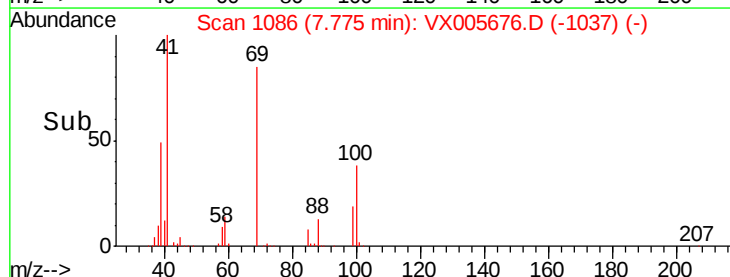
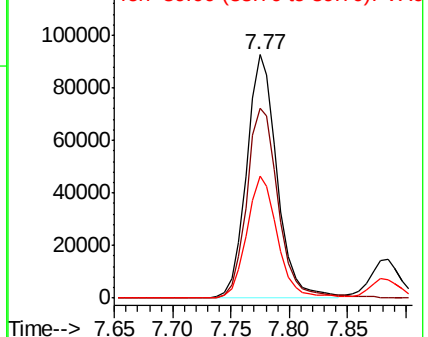
41 100

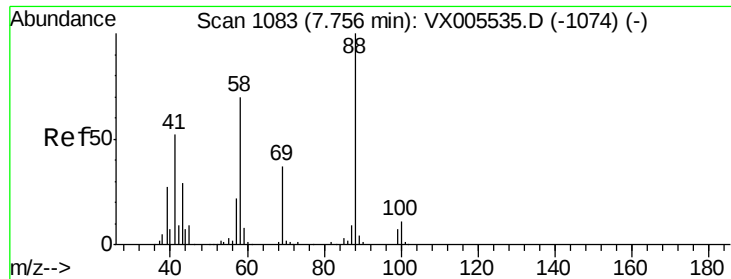
69 81.2 63.2 94.8

39 50.6 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: 1041.862 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

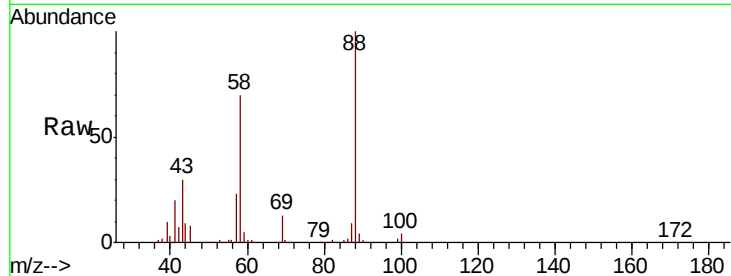
Tot Ion: 88 Resp: 75054

Ion Ratio Lower Upper

88 100

43 32.7 27.4 41.0

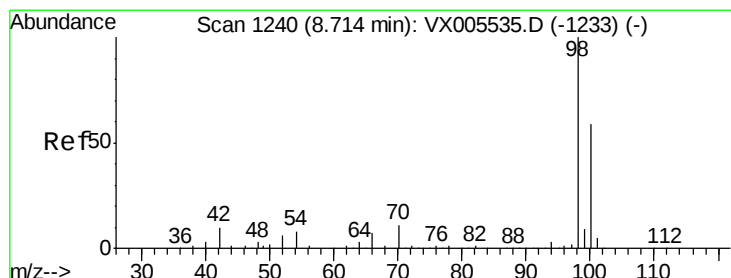
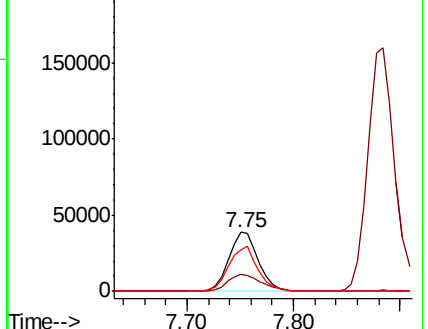
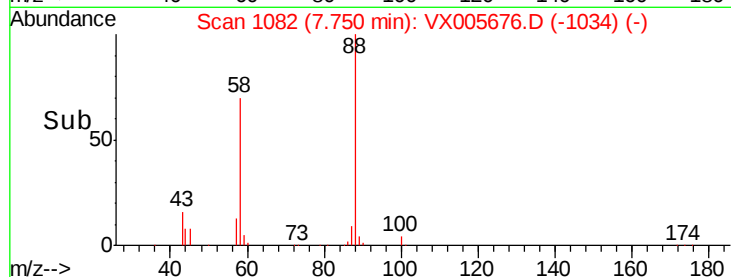
58 74.5 59.4 89.2



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: 49.678 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005676.D

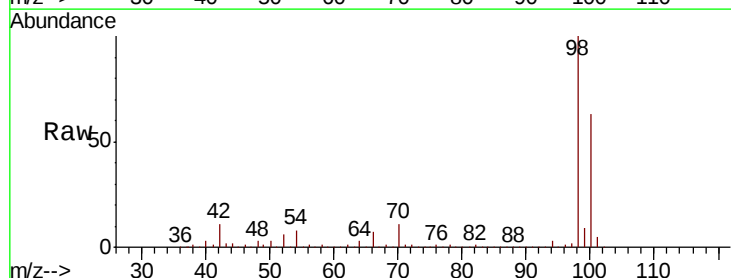
Acq: 29 Oct 2018 22:43

Tgt Ion: 98 Resp: 440724

Ion Ratio Lower Upper

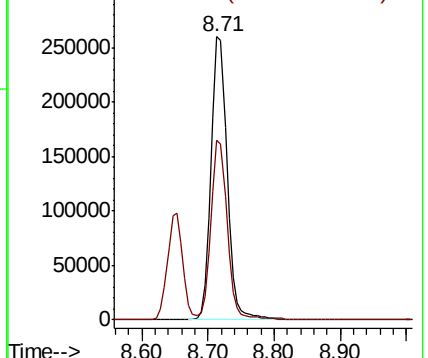
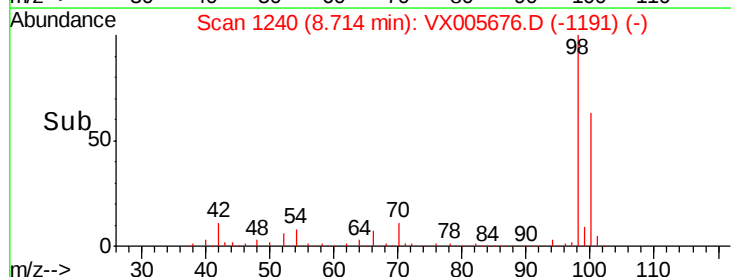
98 100

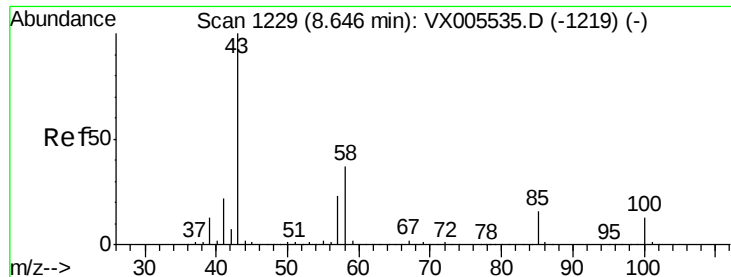
100 63.7 51.3 76.9



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: 248.227 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

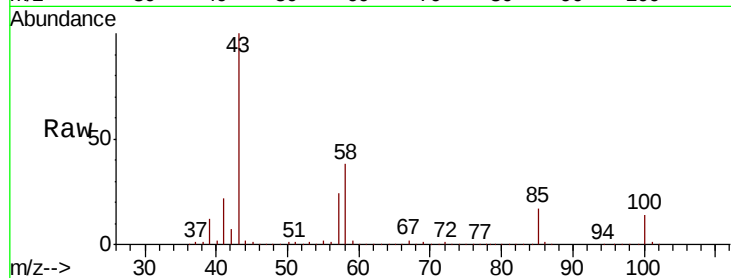
VSTDCCC050

Tot Ion: 43 Resp: 1128837

Ion Ratio Lower Upper

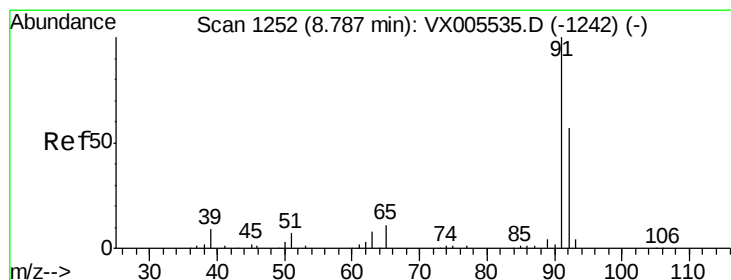
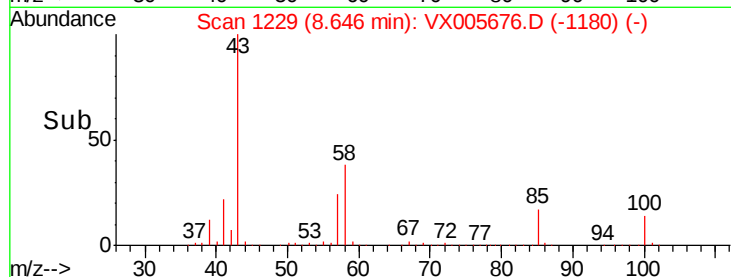
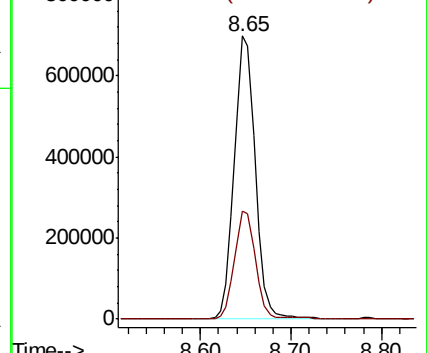
43 100

58 37.8 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: 50.042 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005676.D

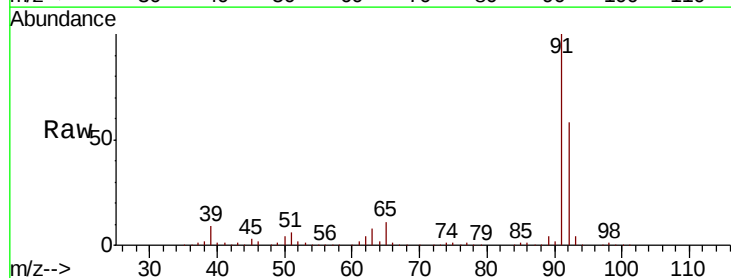
Acq: 29 Oct 2018 22:43

Tgt Ion: 92 Resp: 308504

Ion Ratio Lower Upper

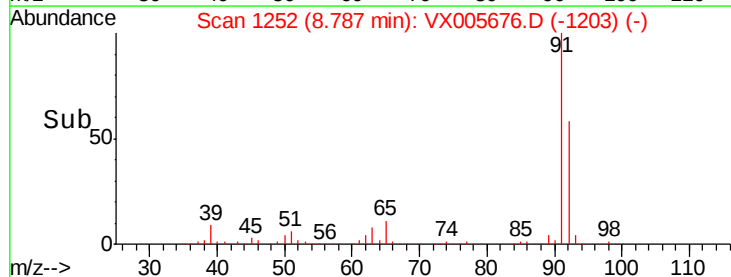
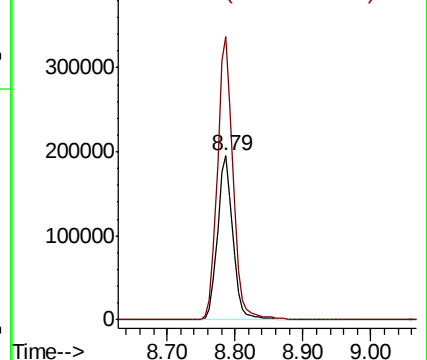
92 100

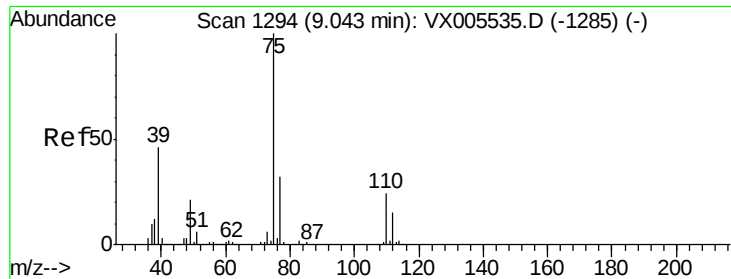
91 175.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

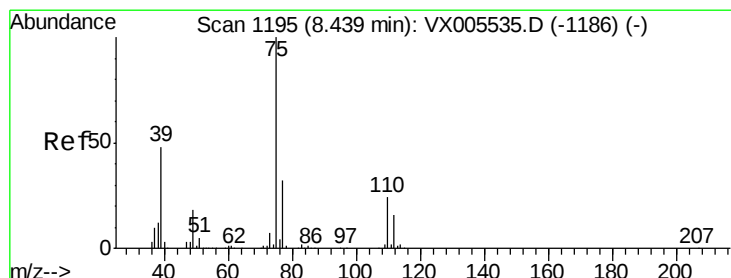
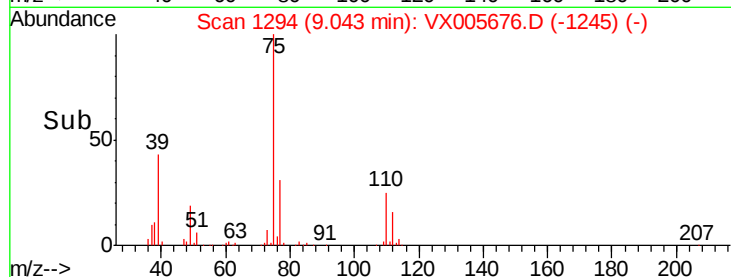
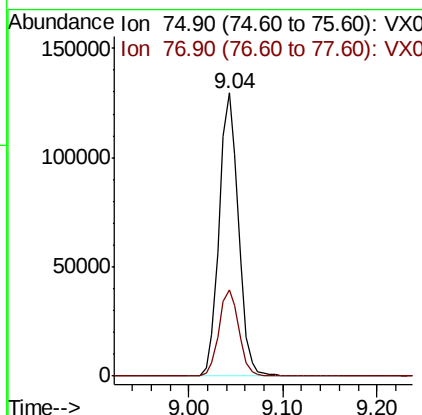
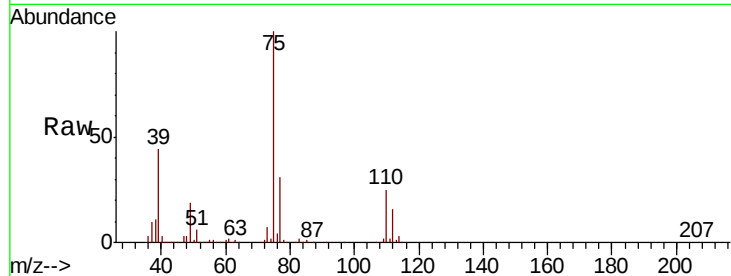




#53
t-1,3-Dichloropropene
Concen: 49.891 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

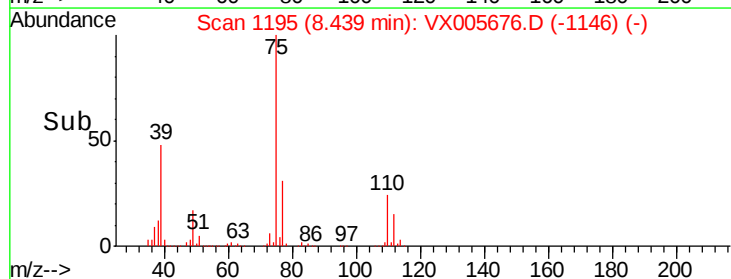
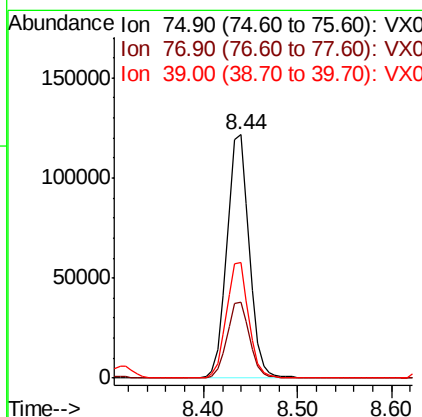
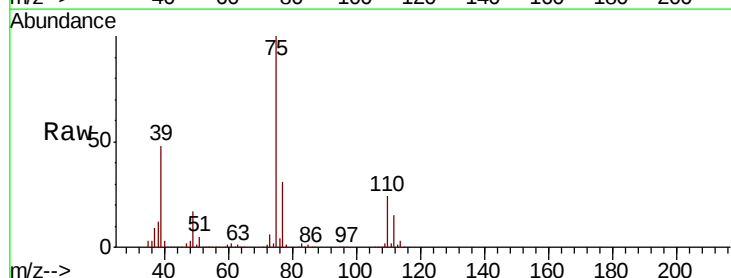
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

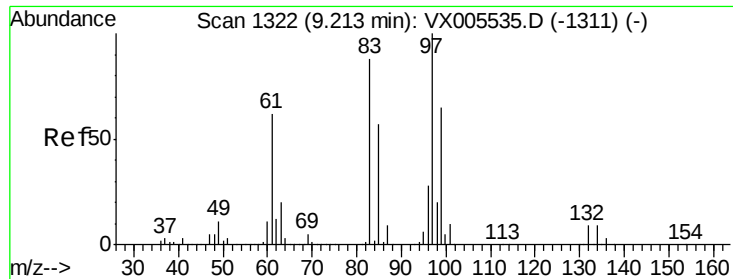
Tot Ion: 75 Resp: 184332
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.308 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion: 75 Resp: 200118
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 47.6 38.2 57.2

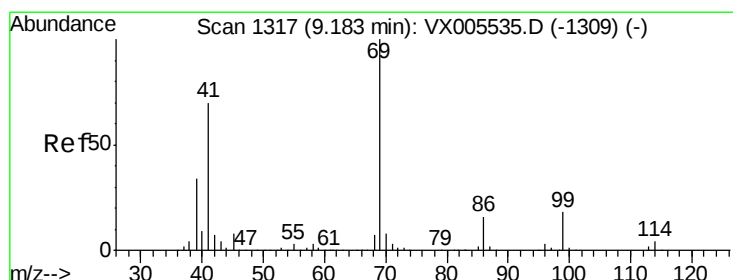
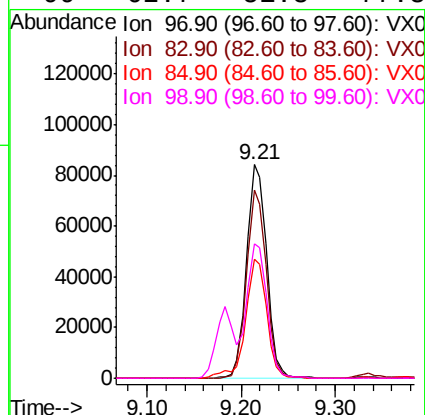
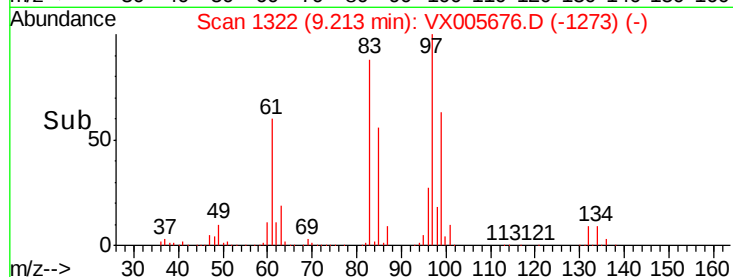
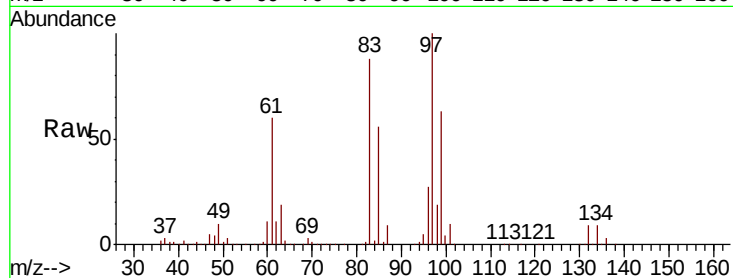




#55
 1,1,2-Trichloroethane
 Concen: 48.581 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

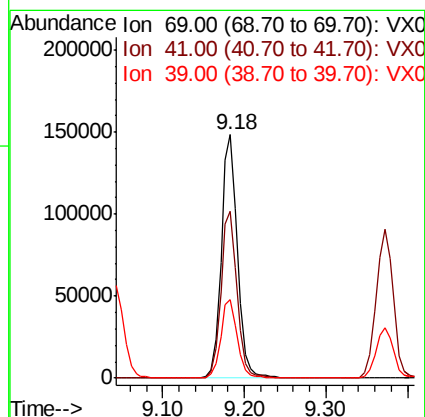
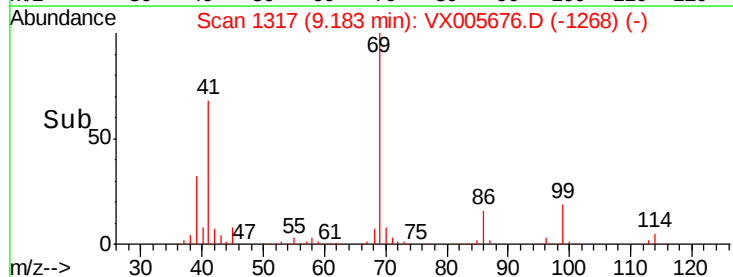
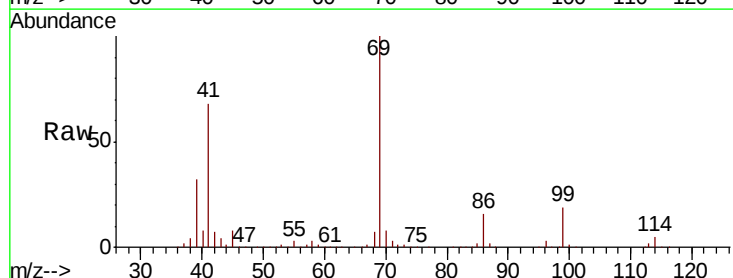
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

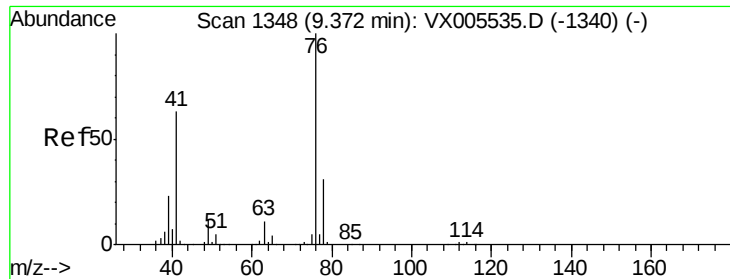
Tot Ion:	97	Resp:	126269
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.7	106.1
85	55.7	45.8	68.6
99	62.7	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 53.043 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Tgt Ion:	69	Resp:	205643
Ion	Ratio	Lower	Upper
69	100		
41	68.6	57.0	85.6
39	32.8	28.3	42.5





#57

1,3-Dichloropropane

Concen: 48.736 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

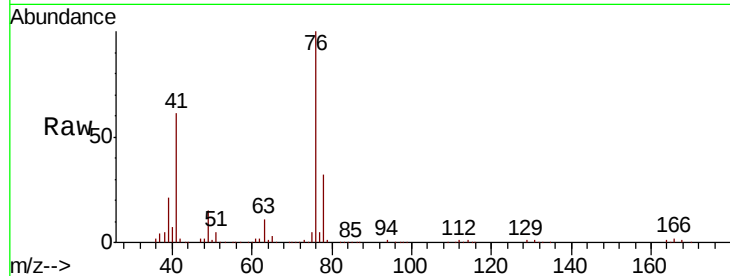
VSTDCCC050

Tot Ion: 76 Resp: 214334

Ion Ratio Lower Upper

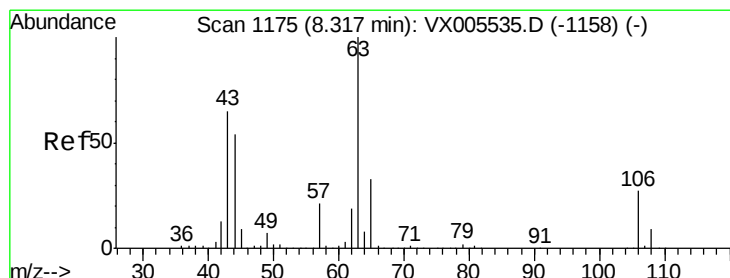
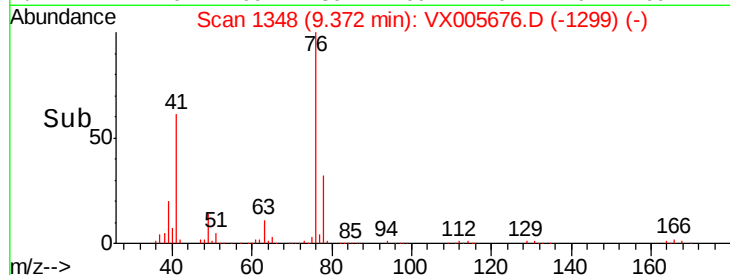
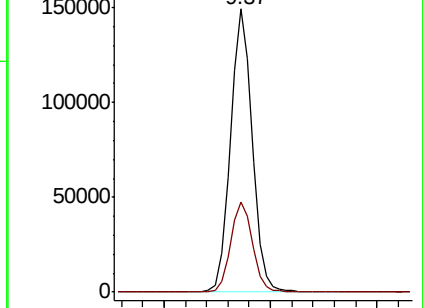
76 100

78 32.1 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 236.522 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005676.D

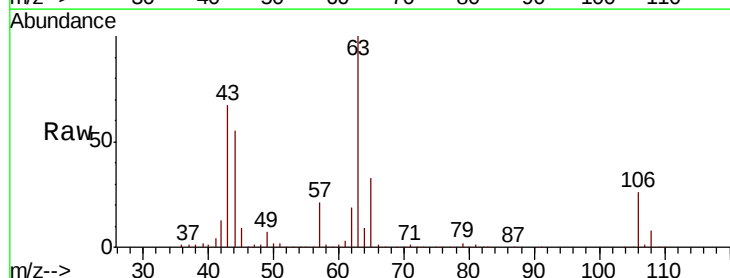
Acq: 29 Oct 2018 22:43

Tgt Ion: 63 Resp: 512133

Ion Ratio Lower Upper

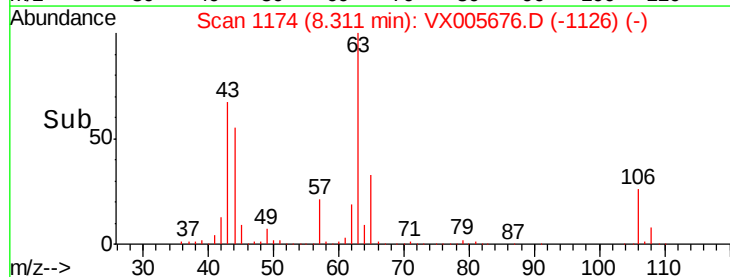
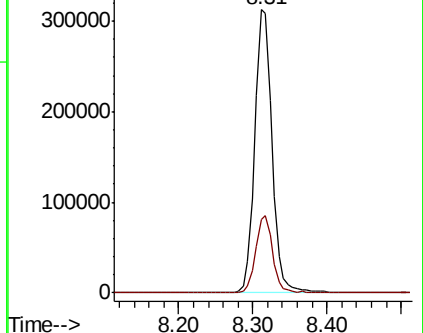
63 100

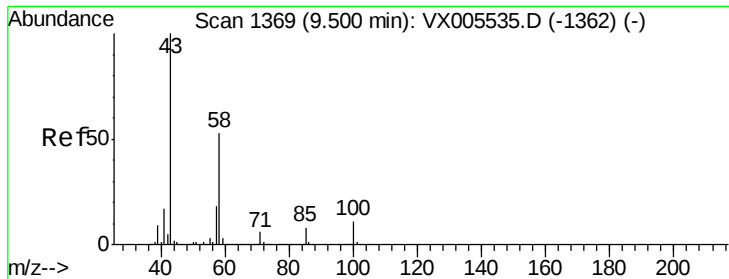
106 26.9 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

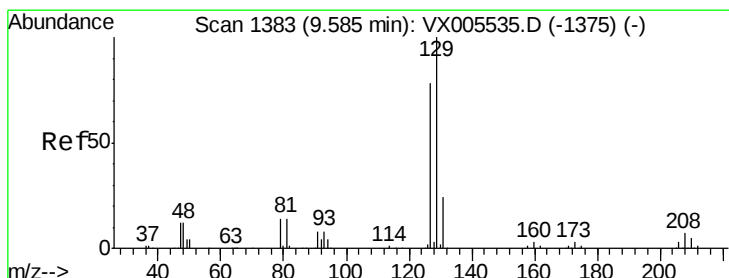
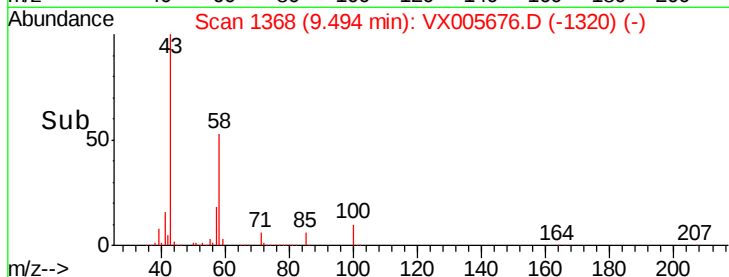
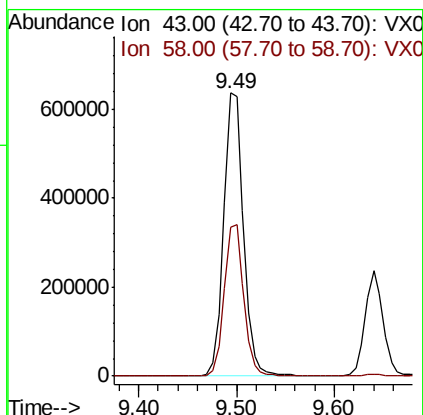
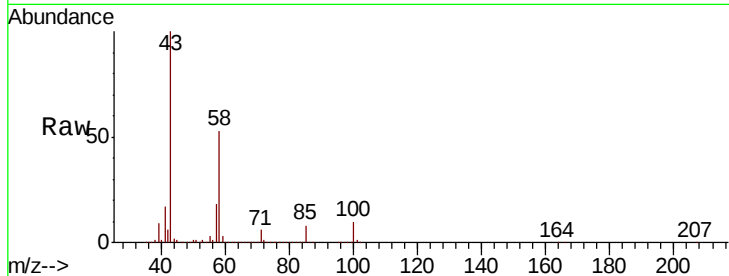




#59
2-Hexanone
Concen: 248.997 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

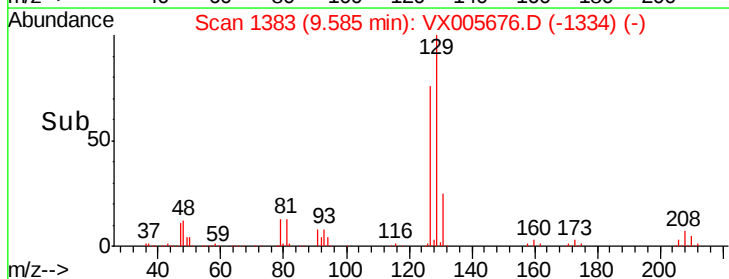
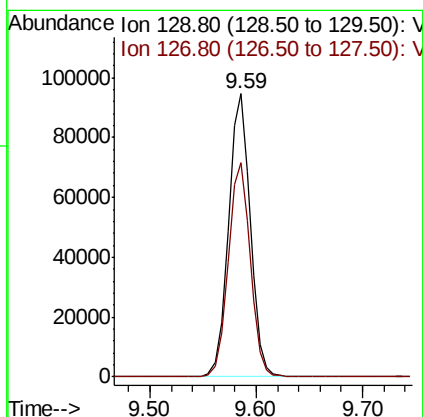
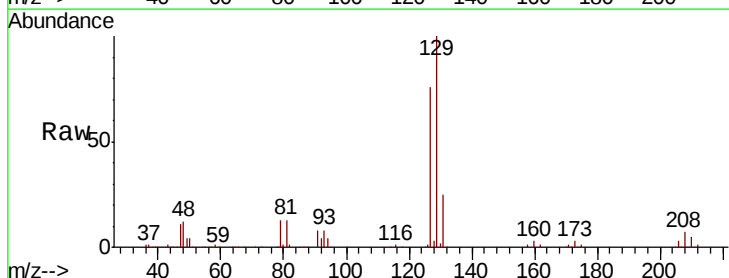
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

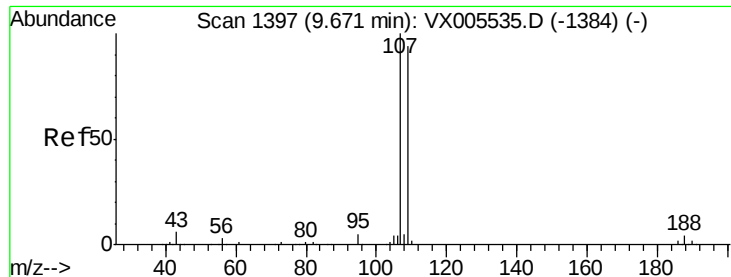
Tot Ion: 43 Resp: 892792
Ion Ratio Lower Upper
43 100
58 53.4 25.9 77.8



#60
Dibromochloromethane
Concen: 49.993 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion: 129 Resp: 135571
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.546 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

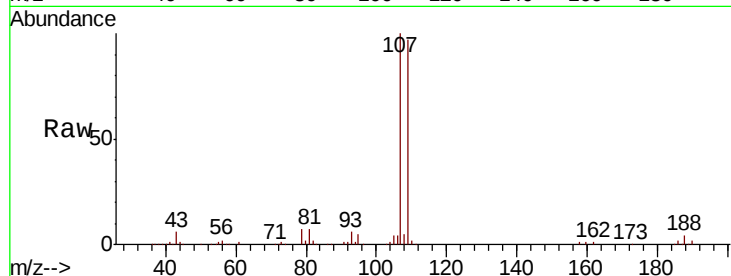
VSTDCCC050

Tot Ion:107 Resp: 133226

Ion Ratio Lower Upper

107 100

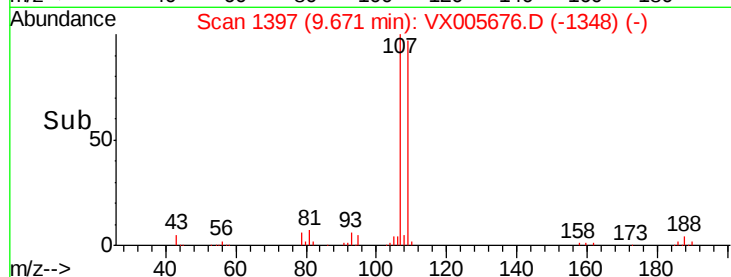
109 94.9 75.7 113.5



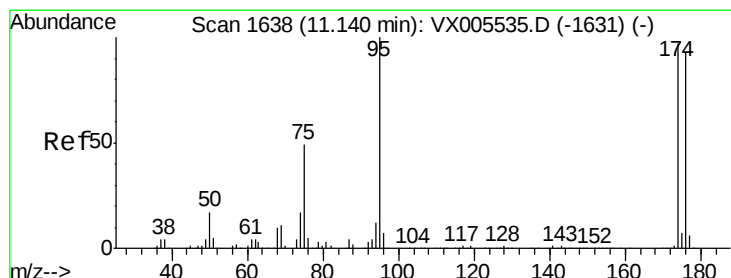
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



#62

4-Bromofluorobenzene

Concen: 49.602 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

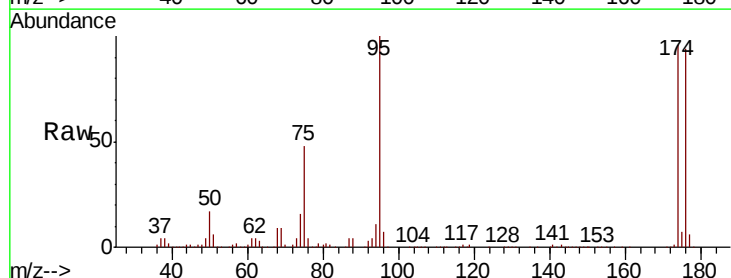
Tgt Ion: 95 Resp: 166184

Ion Ratio Lower Upper

95 100

174 92.6 0.0 184.4

176 90.3 0.0 177.4

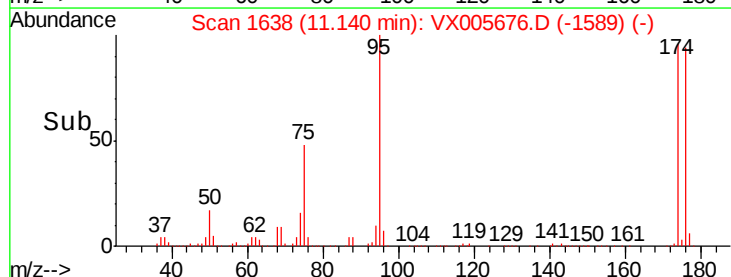


Abundance Ion 94.90 (94.60 to 95.60): VX0

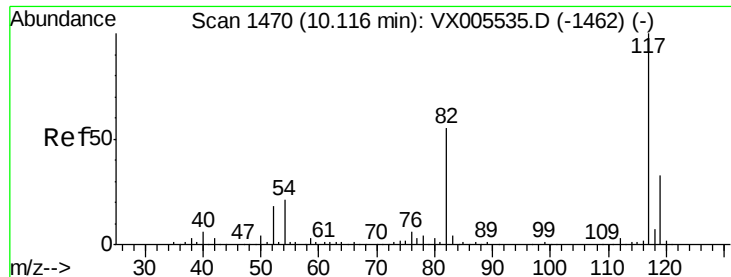
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14



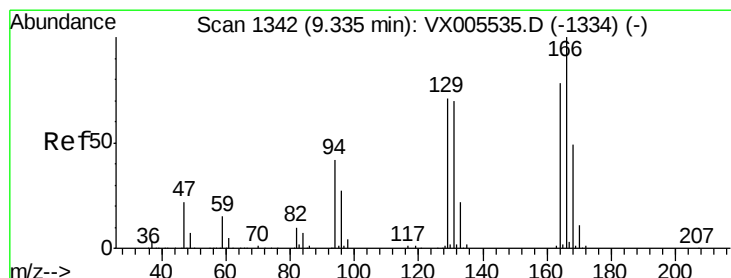
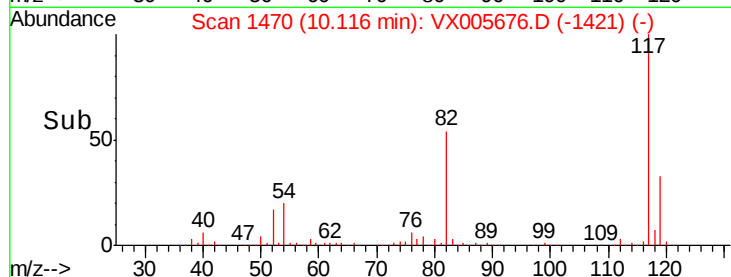
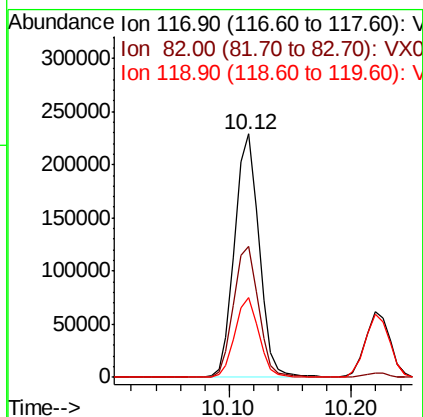
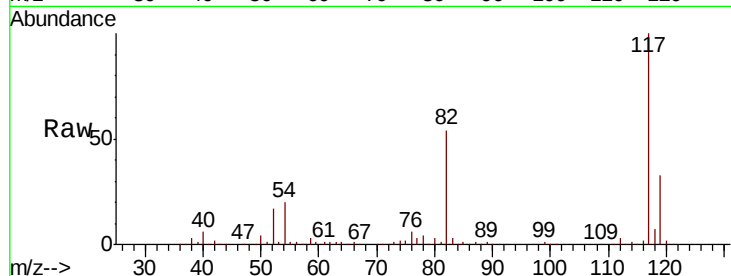
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

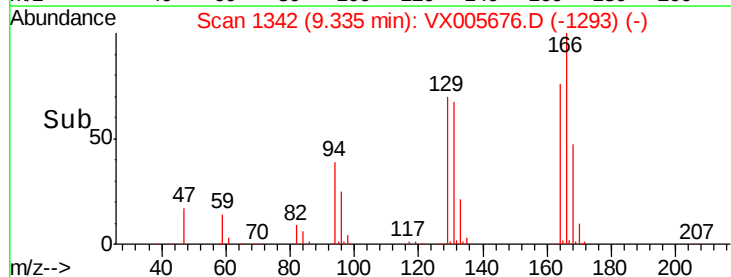
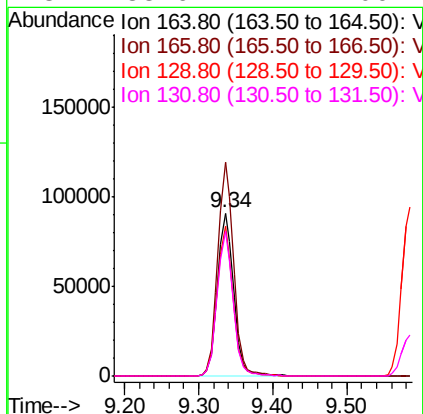
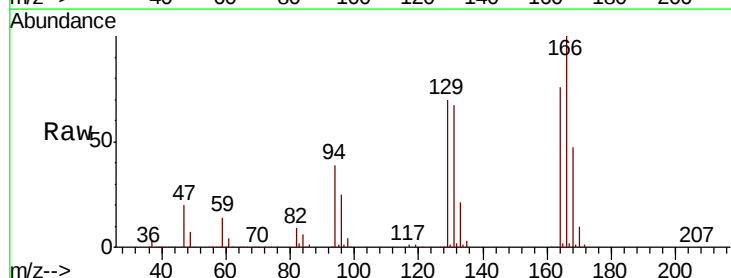
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

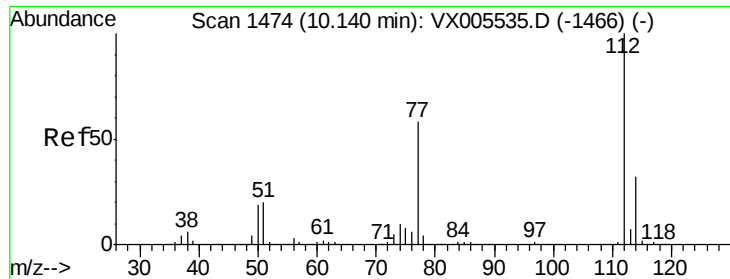
Tot Ion:117 Resp: 317373
Ion Ratio Lower Upper
117 100
82 53.8 44.1 66.1
119 32.6 26.2 39.2



#64
Tetrachloroethene
Concen: 51.587 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion:164 Resp: 135913
Ion Ratio Lower Upper
164 100
166 131.3 101.9 152.9
129 92.0 72.6 109.0
131 88.6 71.1 106.7

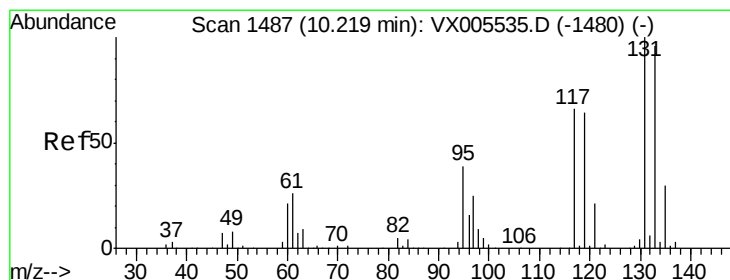
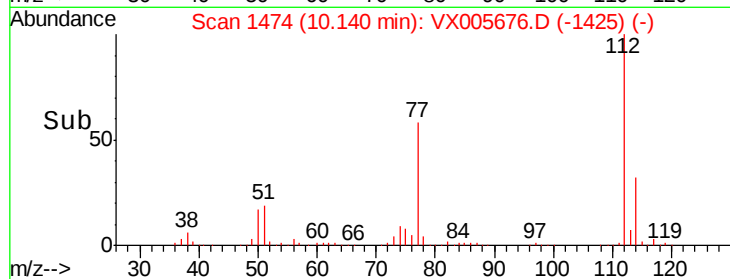
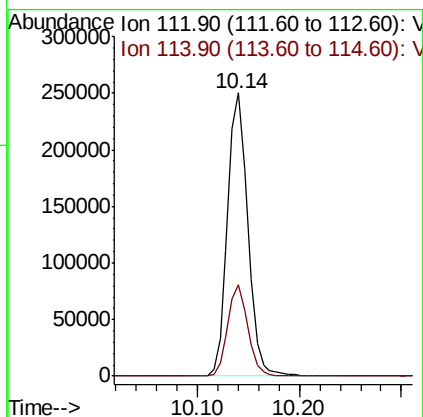
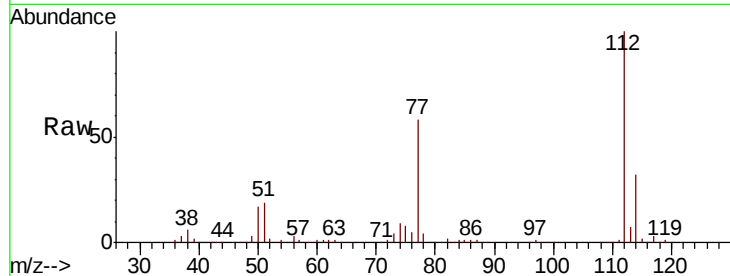




#65
Chlorobenzene
Concen: 51.158 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

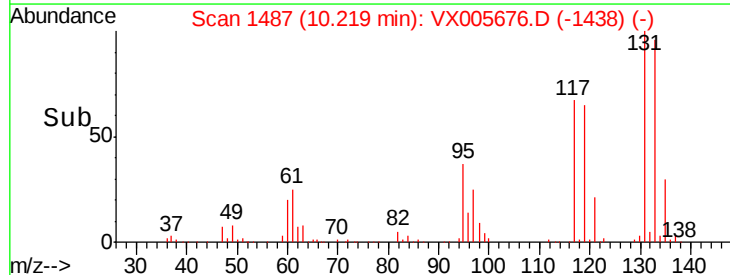
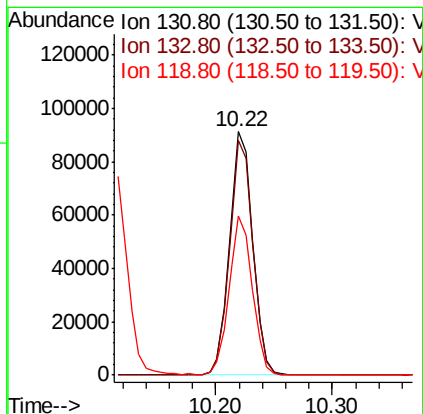
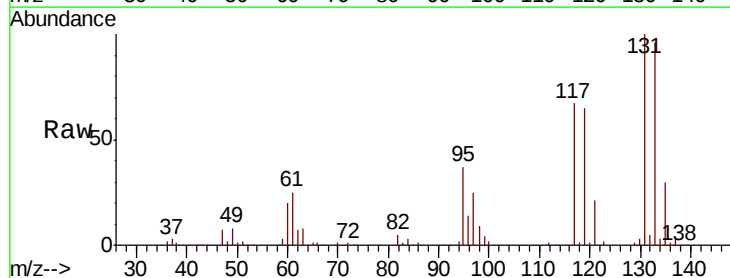
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

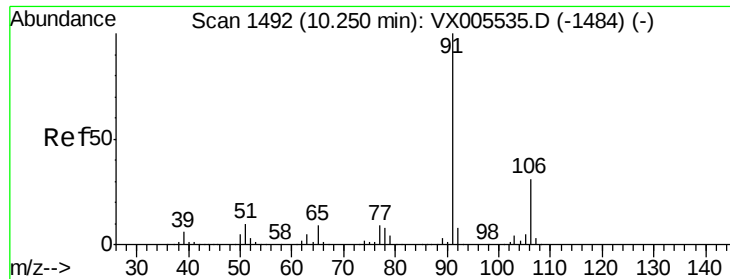
Tot Ion:112 Resp: 345738
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.412 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion:131 Resp: 126694
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.5
119 65.1 31.8 95.3





#67

Ethyl Benzene

Concen: 53.608 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

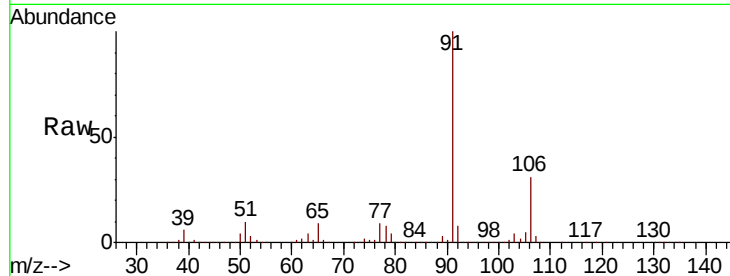
VSTDCCC050

Tot Ion: 91 Resp: 596077

Ion Ratio Lower Upper

91 100

106 31.0 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

800000

600000

400000

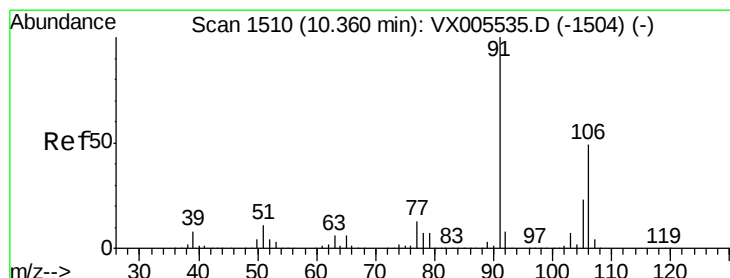
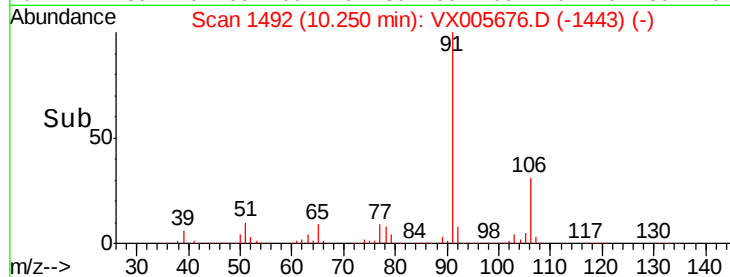
200000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 107.125 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005676.D

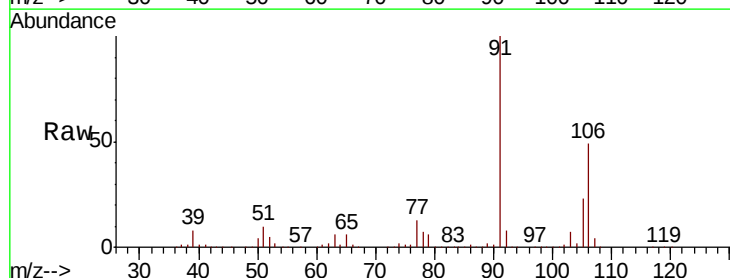
Acq: 29 Oct 2018 22:43

Tgt Ion: 106 Resp: 462135

Ion Ratio Lower Upper

106 100

91 203.2 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

400000

200000

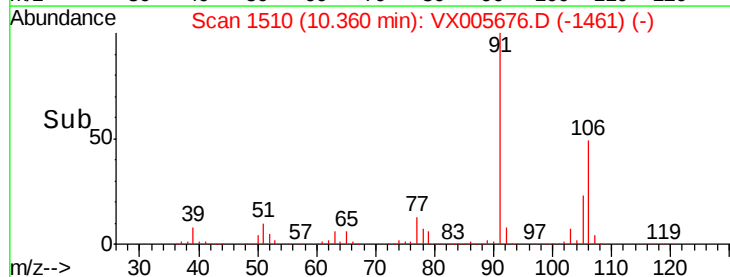
0

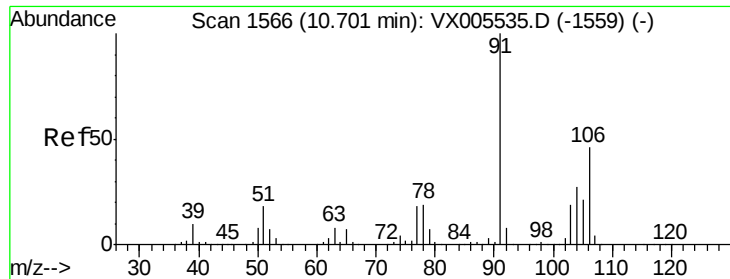
10.30

10.40

10.50

Time-->

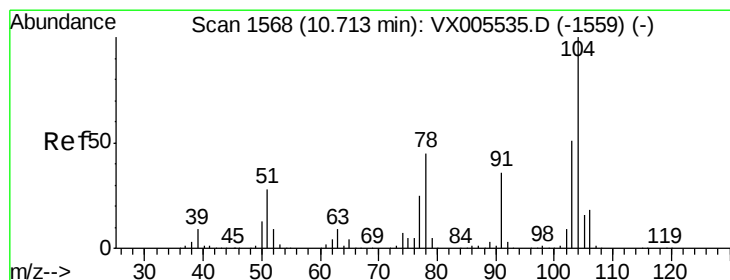
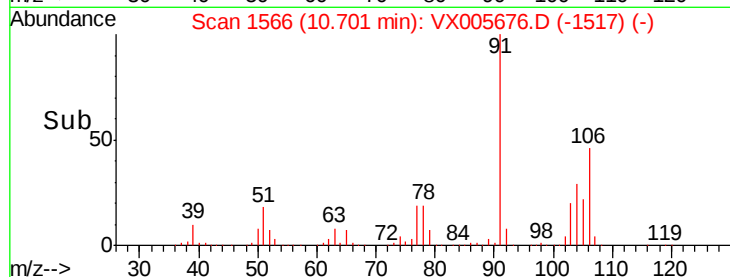
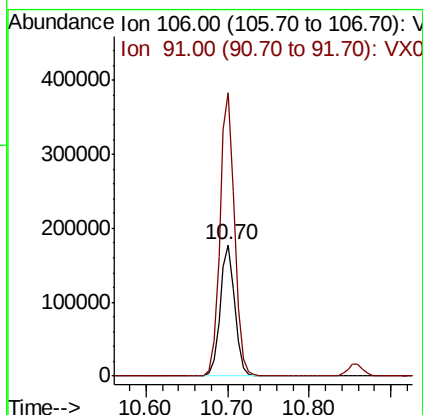
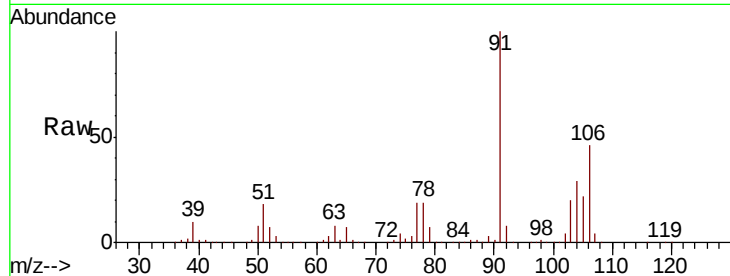




#69
o-Xylene
Concen: 54.741 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

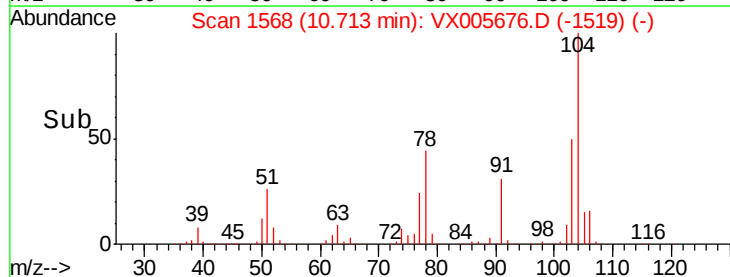
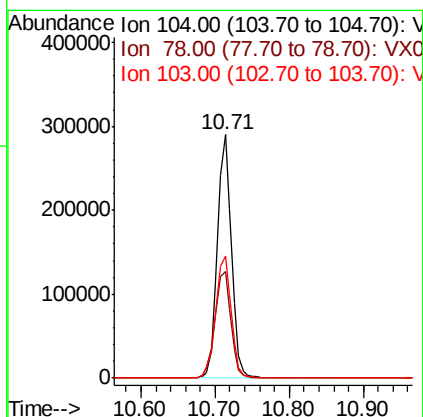
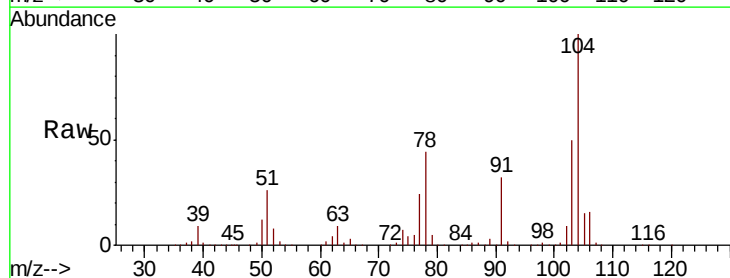
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

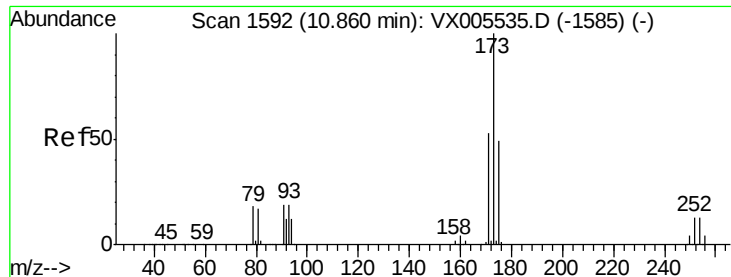
Tot Ion:106 Resp: 222173
Ion Ratio Lower Upper
106 100
91 216.1 108.5 325.5



#70
Styrene
Concen: 55.192 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion:104 Resp: 374994
Ion Ratio Lower Upper
104 100
78 50.0 40.2 60.4
103 55.6 44.9 67.3





#71

Bromoform

Concen: 51.379 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

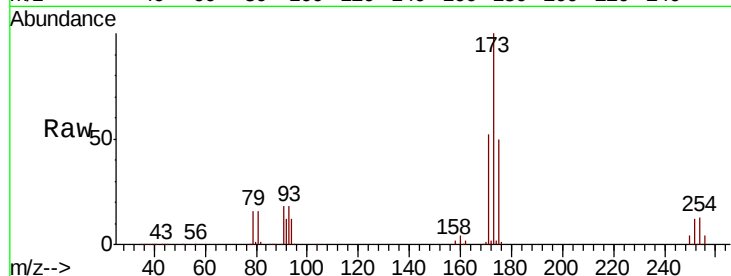
Tot Ion:173 Resp: 112981

Ion Ratio Lower Upper

173 100

175 49.0 24.8 74.3

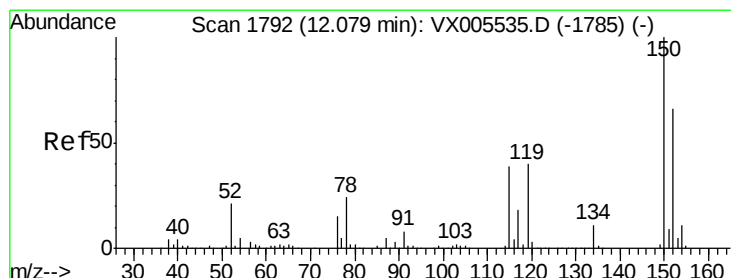
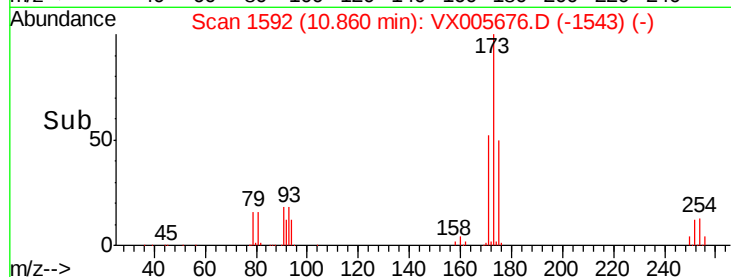
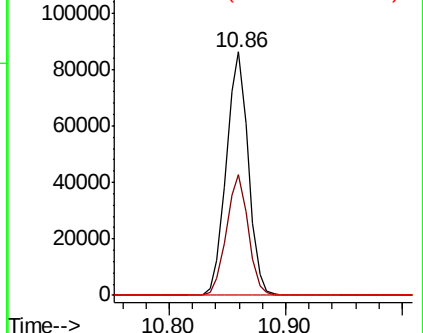
254 0.1 0.2 0.2#



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: VX005676.D

Acq: 29 Oct 2018 22:43

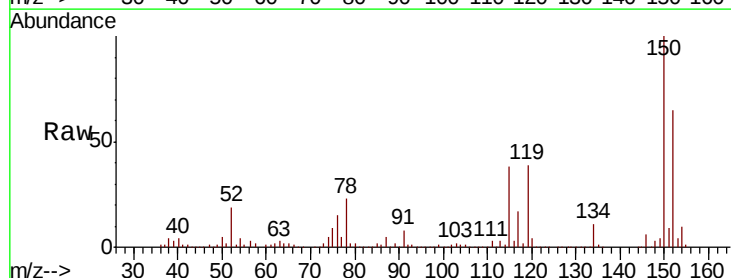
Tgt Ion:152 Resp: 176355

Ion Ratio Lower Upper

152 100

115 79.0 39.4 118.1

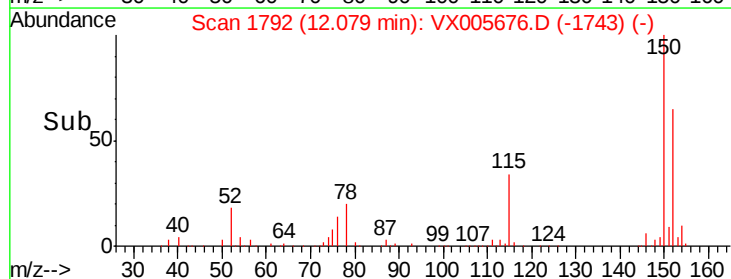
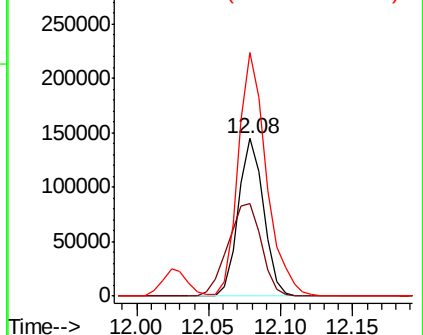
150 172.7 0.0 346.4

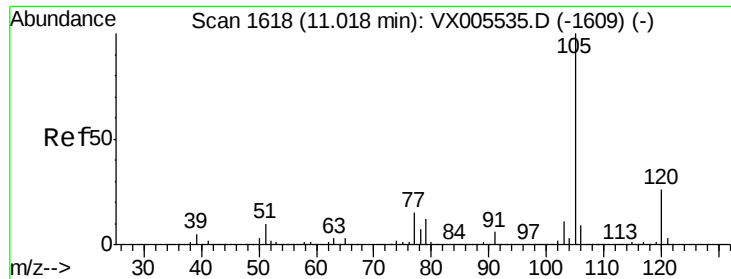


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.421 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampled :

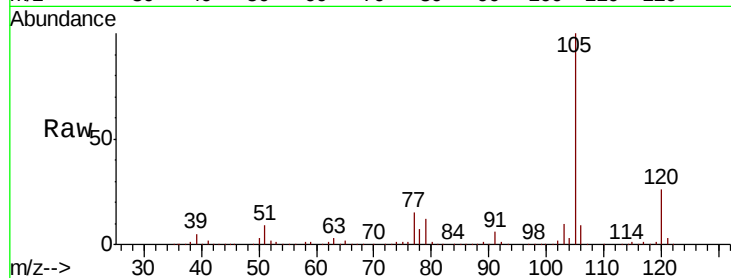
VSTDCCC050

Tot Ion:105 Resp: 608232

Ion Ratio Lower Upper

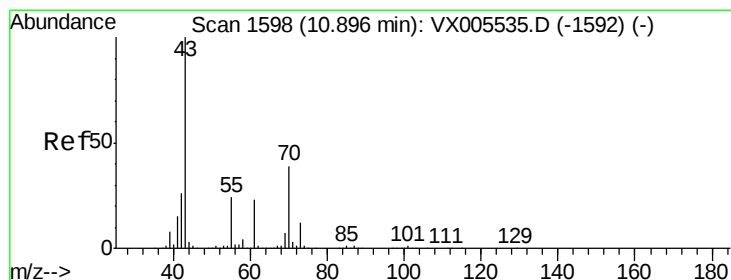
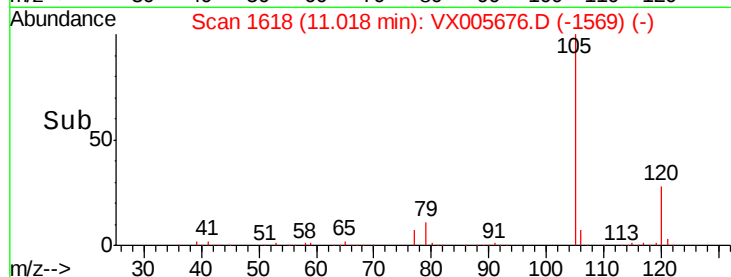
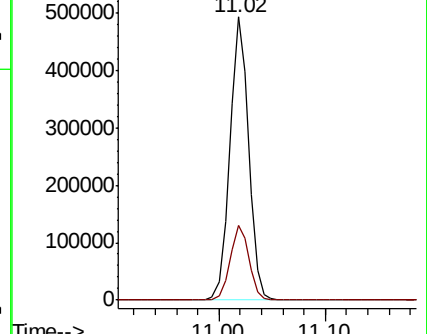
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.850 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Tgt Ion: 43 Resp: 298331

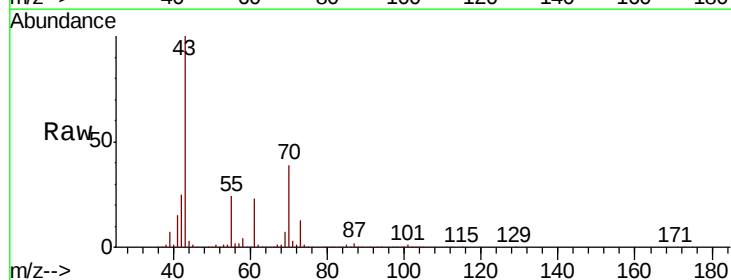
Ion Ratio Lower Upper

43 100

70 40.0 31.6 47.4

55 24.1 19.7 29.5

61 23.6 18.3 27.5

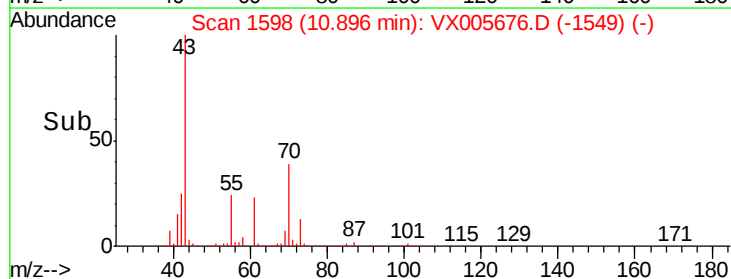
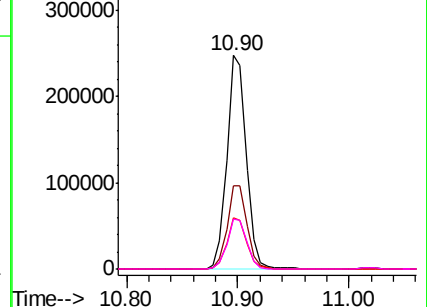


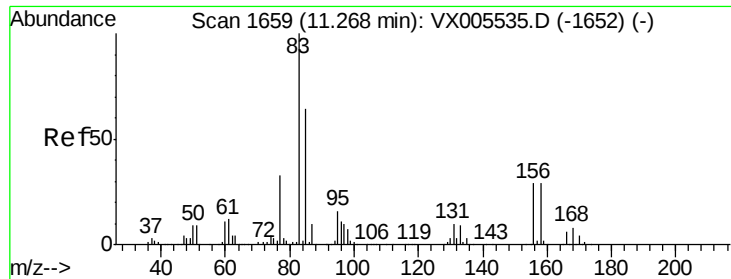
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.177 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

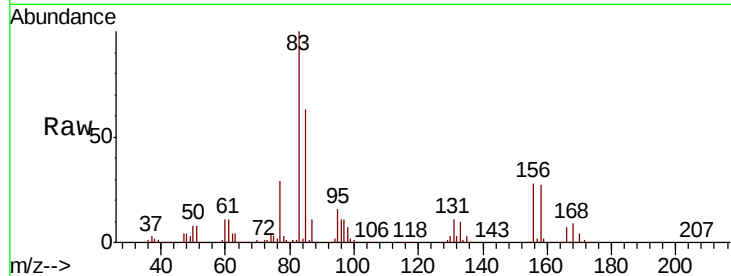
Tot Ion: 83 Resp: 207517

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

85 63.9 32.0 96.2

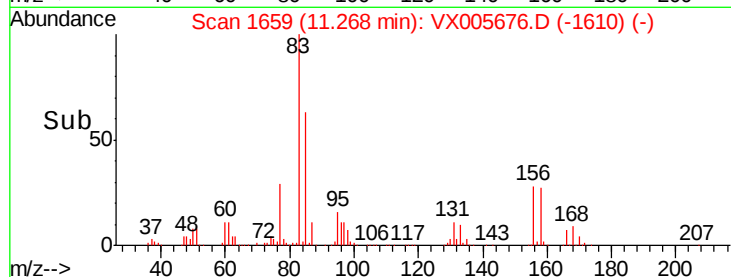


Abundance Ion 82.90 (82.60 to 83.60): VX005535.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005535.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005535.D (-1652) (-)

Time-->

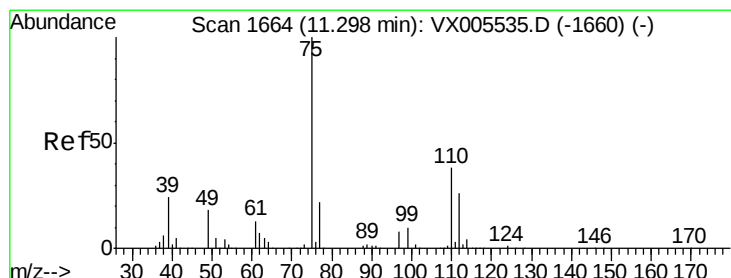


Abundance Ion 82.90 (82.60 to 83.60): VX005676.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX005676.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX005676.D (-1610) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 65.477 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005676.D

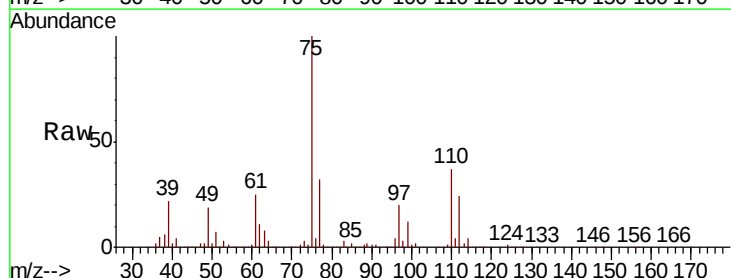
Acq: 29 Oct 2018 22:43

Tgt Ion: 75 Resp: 244657

Ion Ratio Lower Upper

75 100

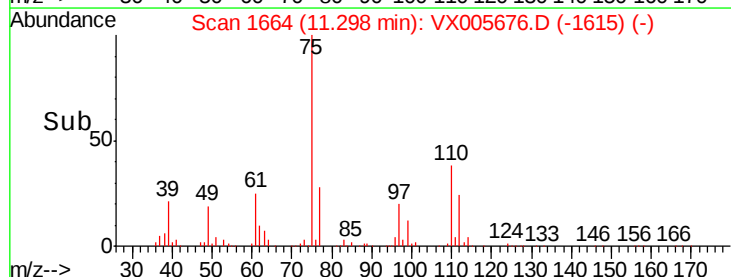
77 31.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005535.D (-1660) (-)

Ion 77.00 (76.70 to 77.70): VX005535.D (-1660) (-)

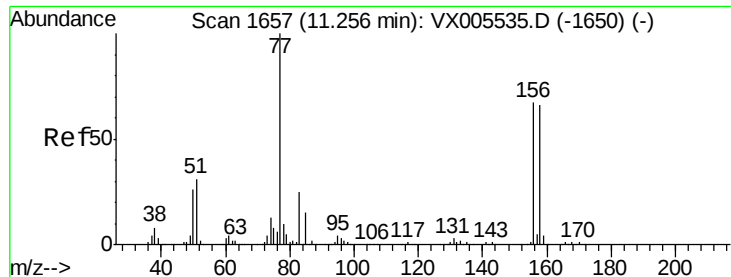
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VX005676.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX005676.D (-1615) (-)

Time-->



#77

Bromobenzene

Concen: 53.775 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

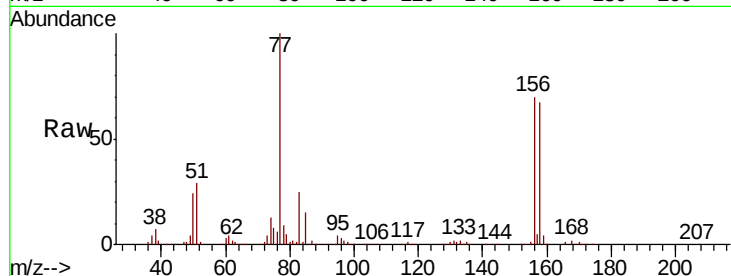
Tot Ion:156 Resp: 161560

Ion Ratio Lower Upper

156 100

77 147.0 74.8 224.4

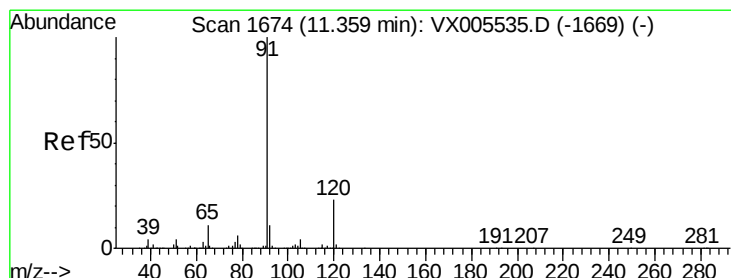
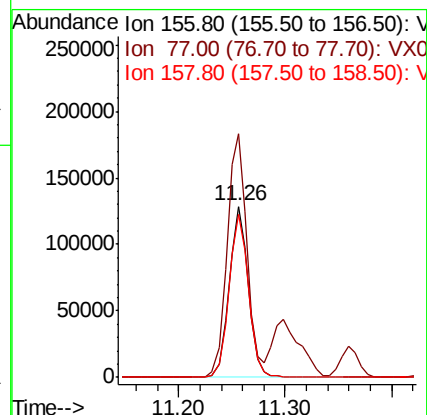
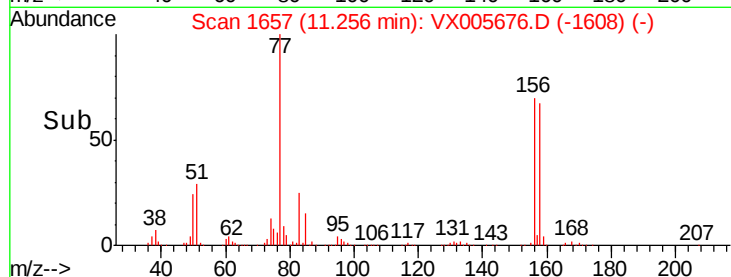
158 97.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.466 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005676.D

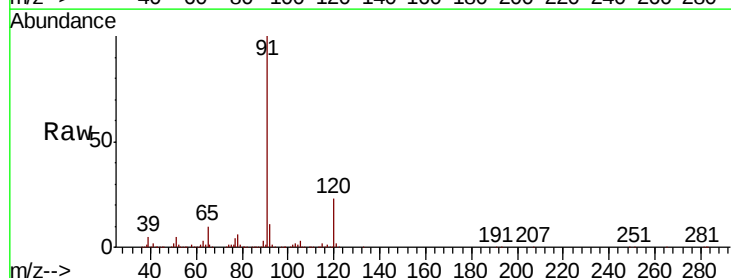
Acq: 29 Oct 2018 22:43

Tgt Ion: 91 Resp: 696049

Ion Ratio Lower Upper

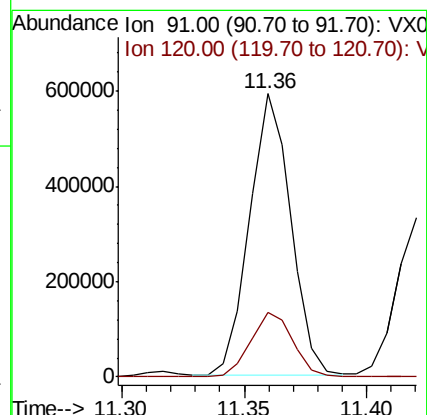
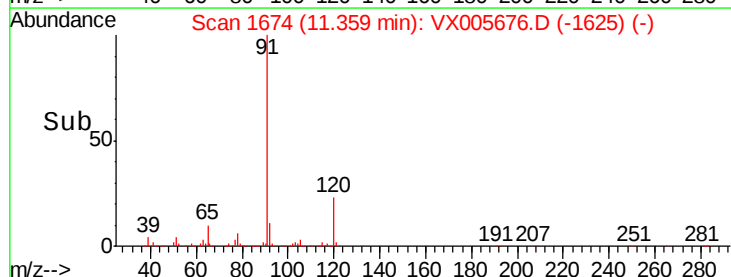
91 100

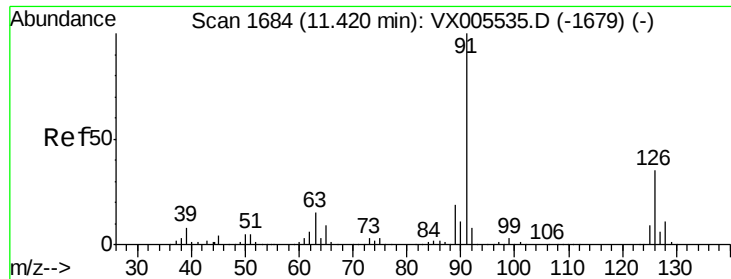
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

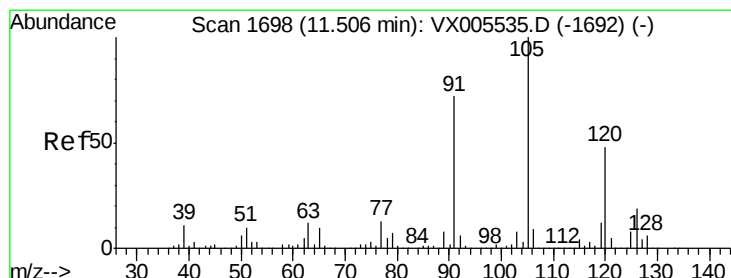
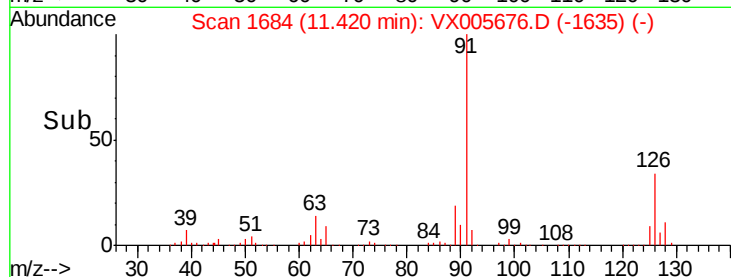
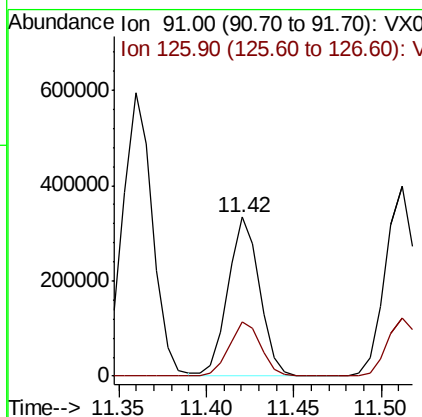
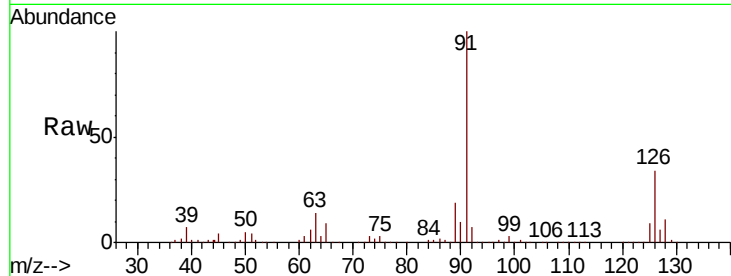




#79
 2-Chlorotoluene
 Concen: 54.431 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

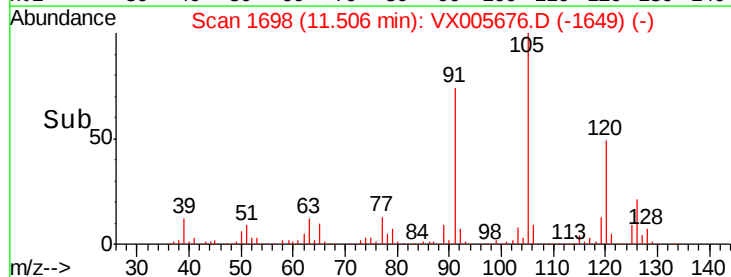
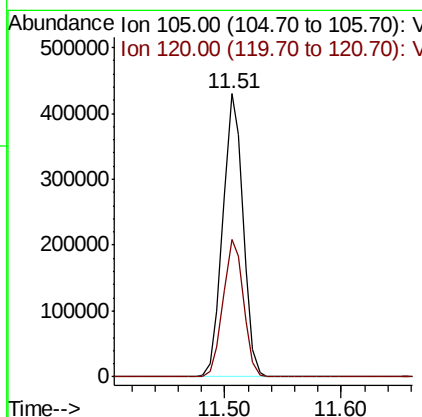
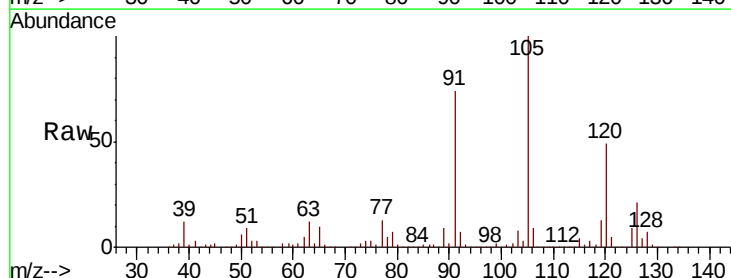
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

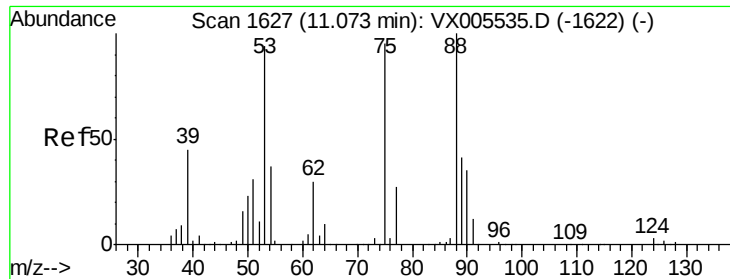
Tot Ion: 91 Resp: 416016
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 55.880 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Tgt Ion: 105 Resp: 515322
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.923 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

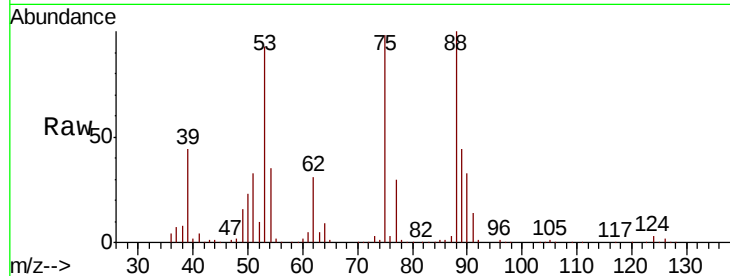
Tot Ion: 75 Resp: 60519

Ion Ratio Lower Upper

75 100

53 95.0 80.2 120.2

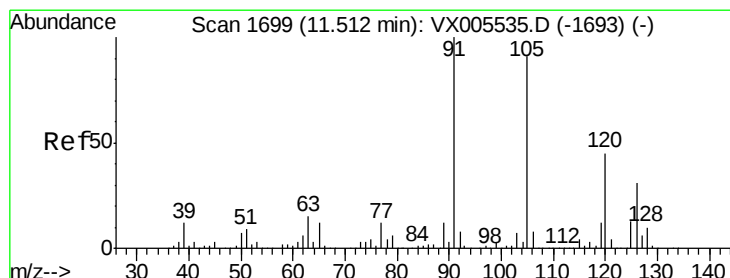
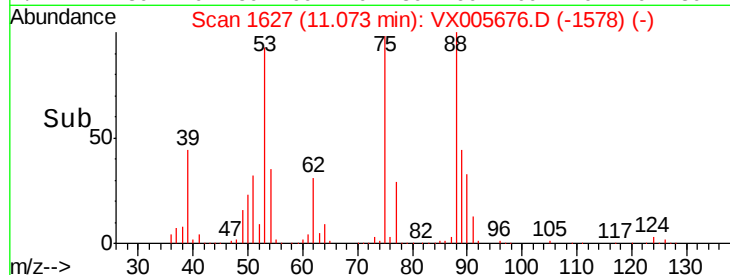
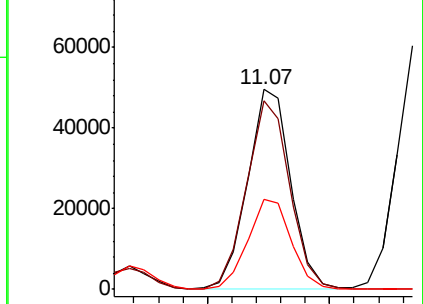
89 45.9 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.111 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005676.D

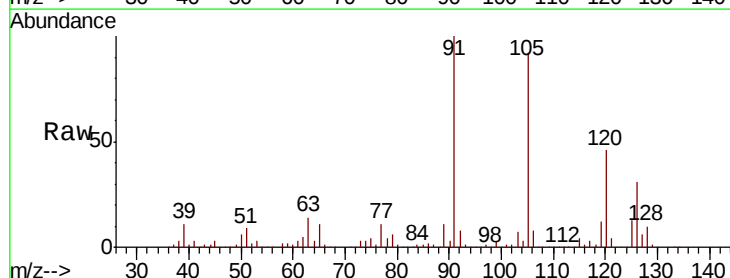
Acq: 29 Oct 2018 22:43

Tgt Ion: 91 Resp: 487671

Ion Ratio Lower Upper

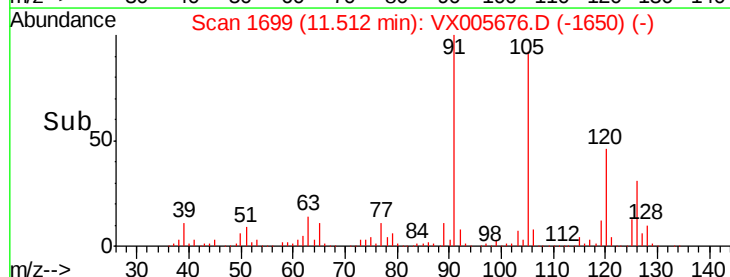
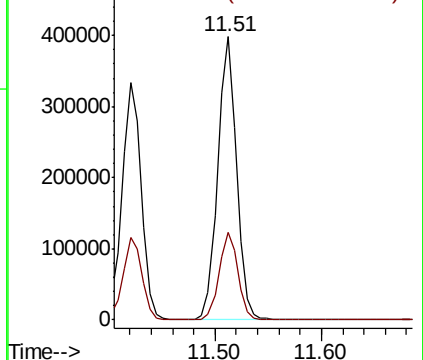
91 100

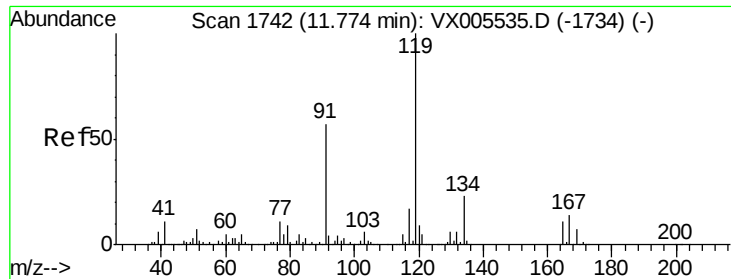
126 30.9 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

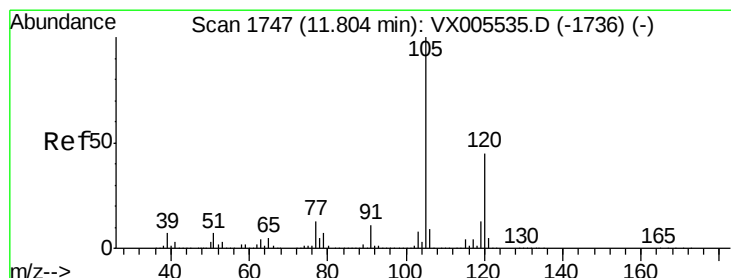
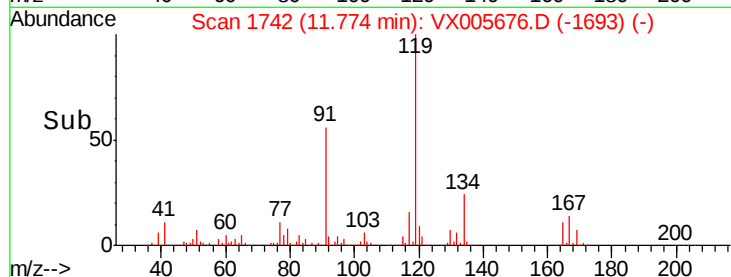
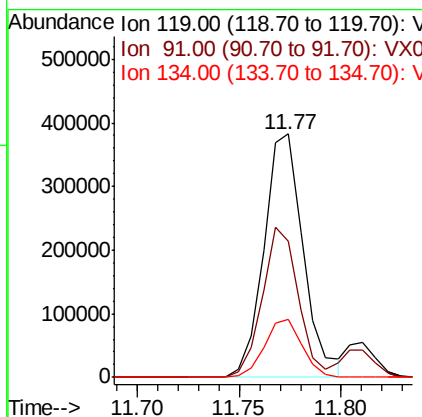
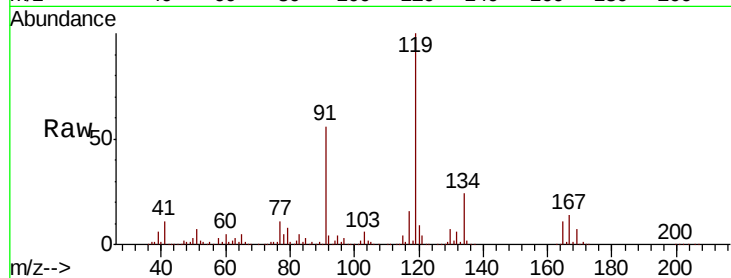




#83
 tert-Butylbenzene
 Concen: 55.961 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

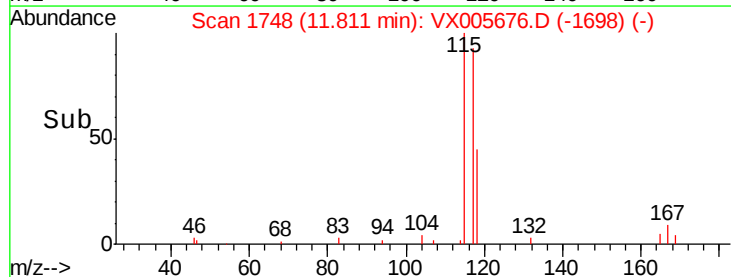
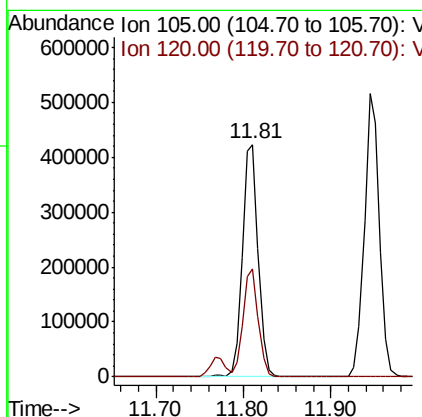
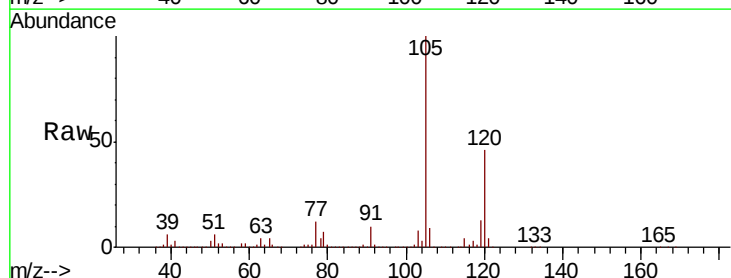
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

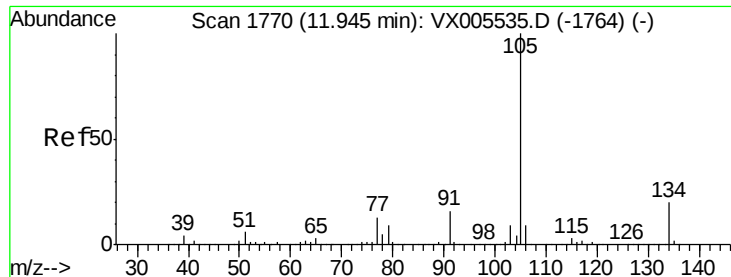
Tot Ion:119 Resp: 514420
 Ion Ratio Lower Upper
 119 100
 91 56.5 28.5 85.5
 134 22.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 56.955 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Tgt Ion:105 Resp: 532326
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.0





#85

sec-Butylbenzene

Concen: 56.240 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

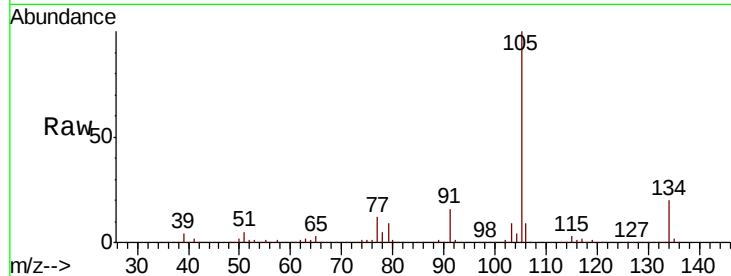
VSTDCCC050

Tot Ion:105 Resp: 616898

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

600000

500000

400000

300000

200000

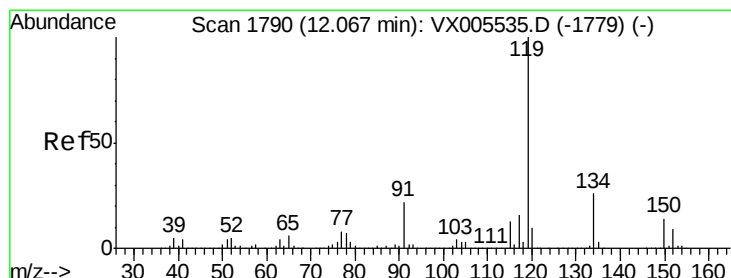
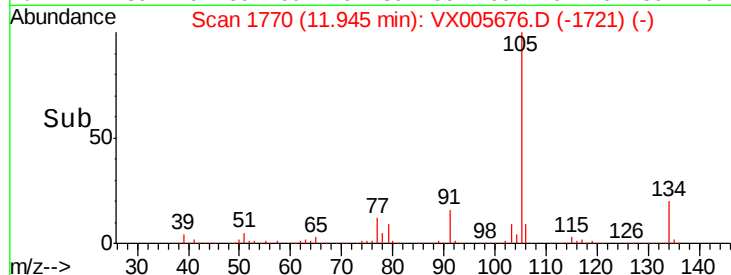
100000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 56.664 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

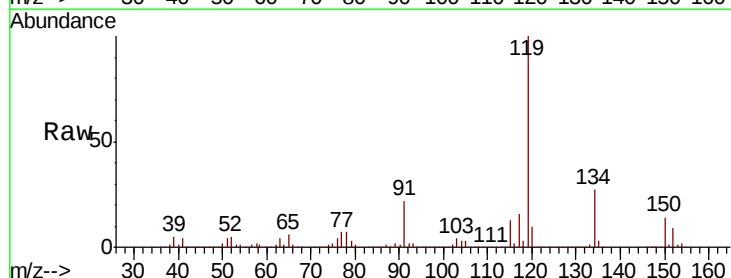
Tgt Ion:119 Resp: 555621

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

91 22.9 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

600000

500000

400000

300000

200000

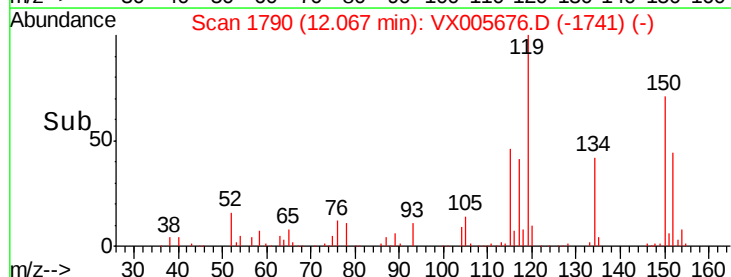
100000

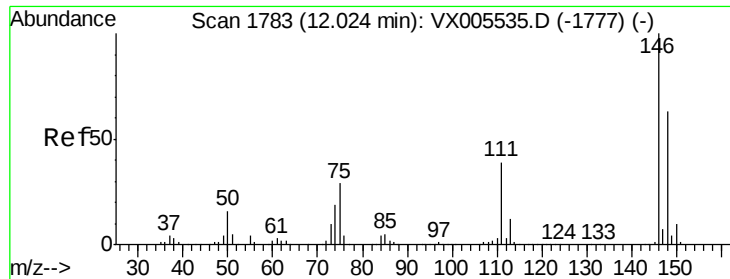
0

12.00

12.10

Time-->

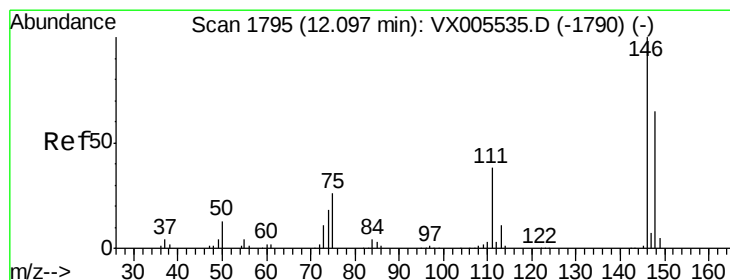
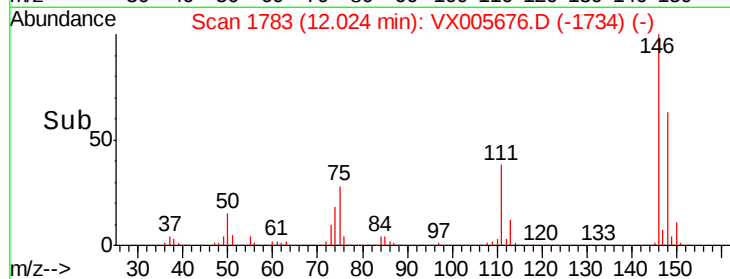
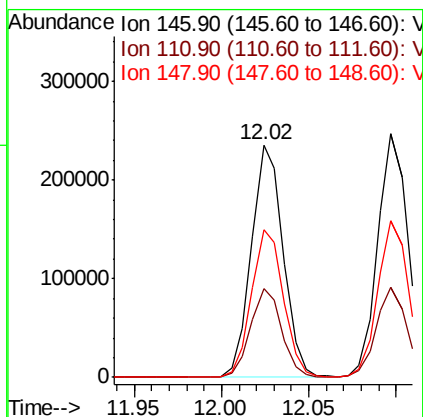
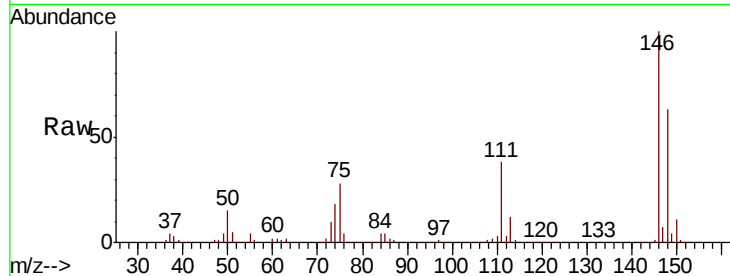




#87
 1,3-Dichlorobenzene
 Concen: 52.744 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

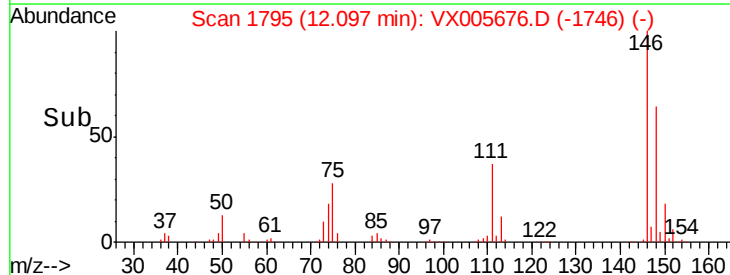
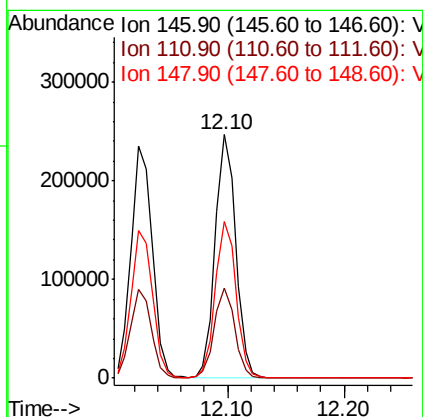
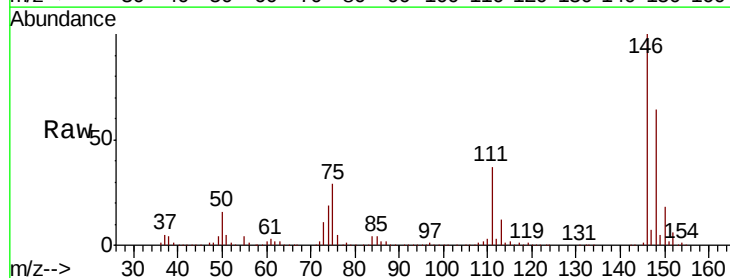
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

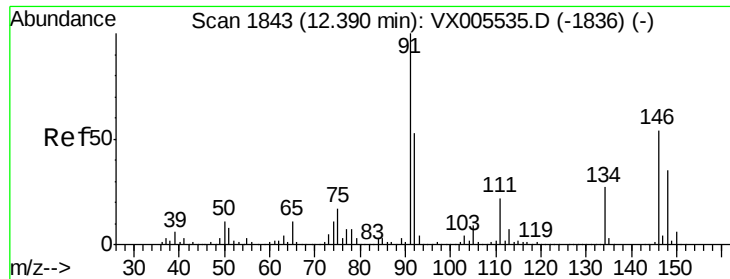
Tot Ion:146 Resp: 297981
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.0 57.0
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 50.937 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Tgt Ion:146 Resp: 300384
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.6 32.1 96.3

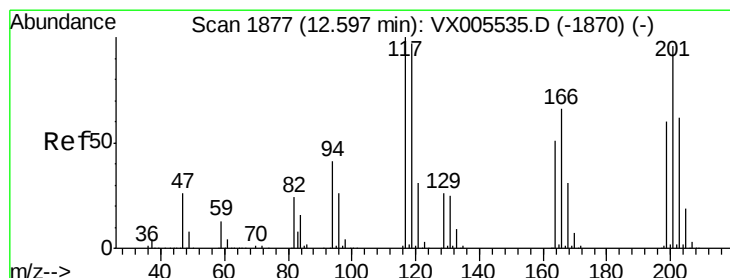
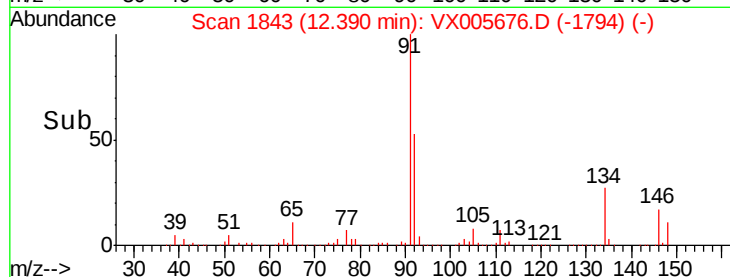
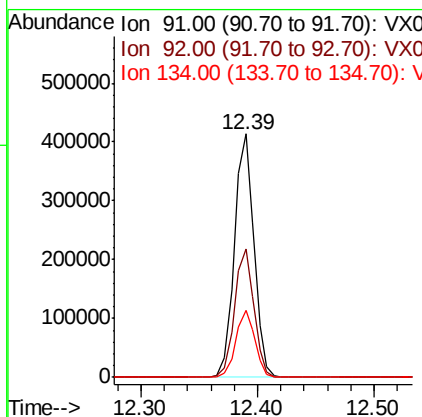
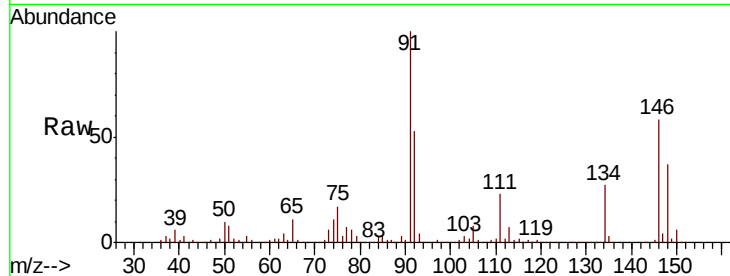




#89
n-Butylbenzene
Concen: 54.602 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

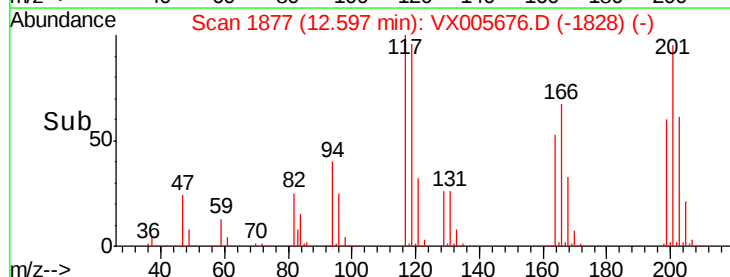
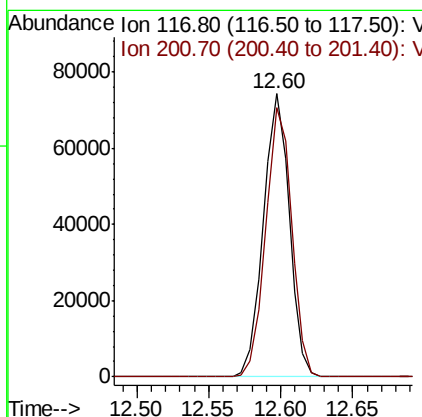
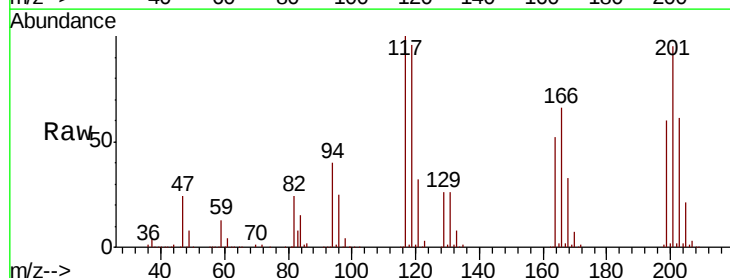
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

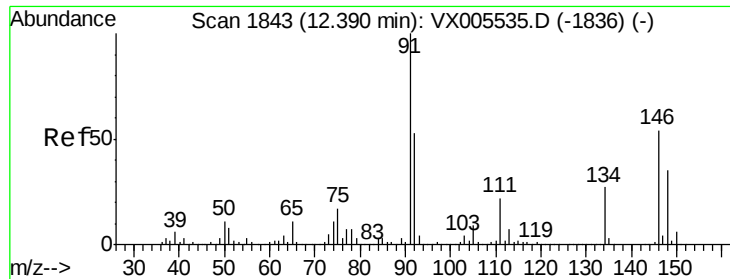
Tot Ion: 91 Resp: 483349
Ion Ratio Lower Upper
91 100
92 52.5 26.1 78.2
134 26.8 13.1 39.3



#90
Hexachloroethane
Concen: 54.591 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005676.D
Acq: 29 Oct 2018 22:43

Tgt Ion: 117 Resp: 92325
Ion Ratio Lower Upper
117 100
201 95.7 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 52.788 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

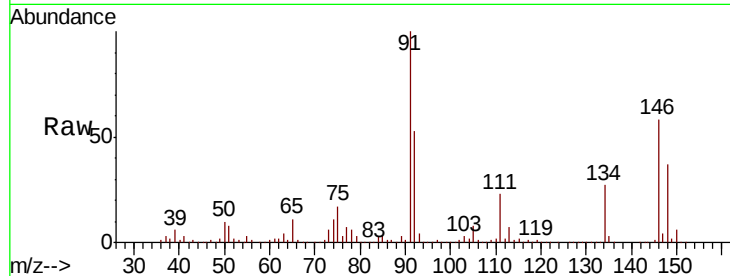
Tot Ion:146 Resp: 301729

Ion Ratio Lower Upper

146 100

111 39.2 20.0 59.9

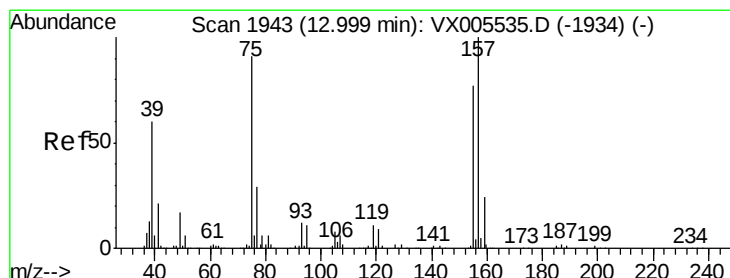
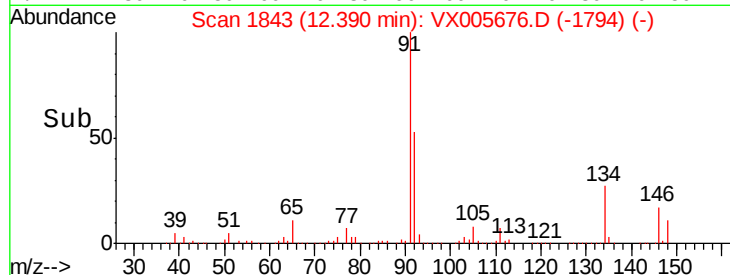
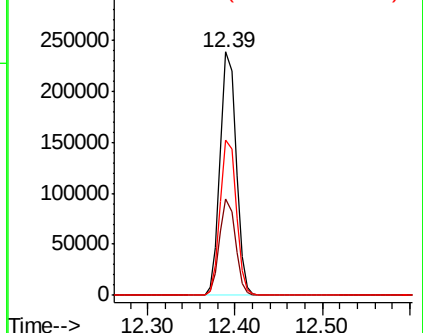
148 64.5 32.2 96.6



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: 53.381 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

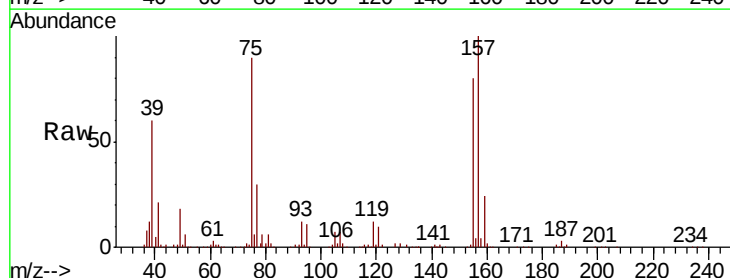
Tgt Ion: 75 Resp: 51333

Ion Ratio Lower Upper

75 100

155 93.7 45.4 136.1

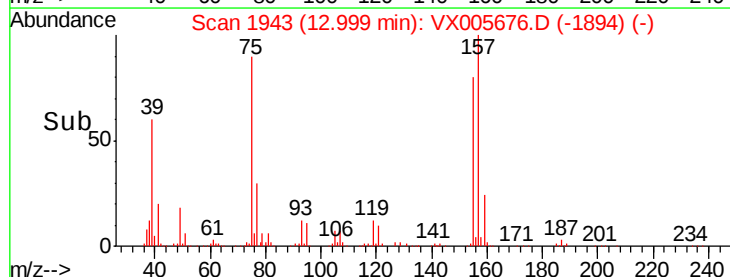
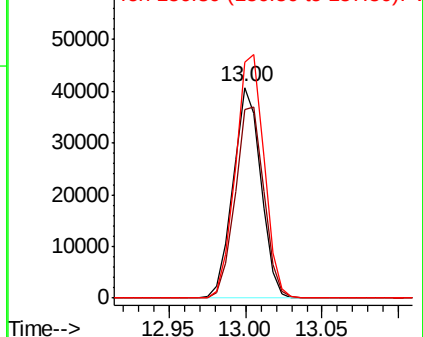
157 119.0 57.4 172.0

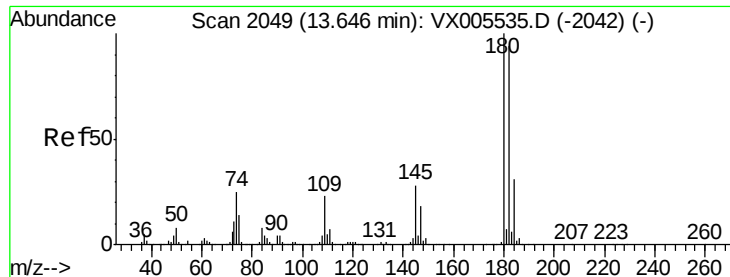


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

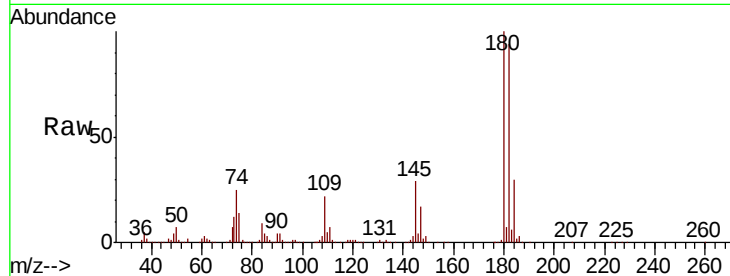




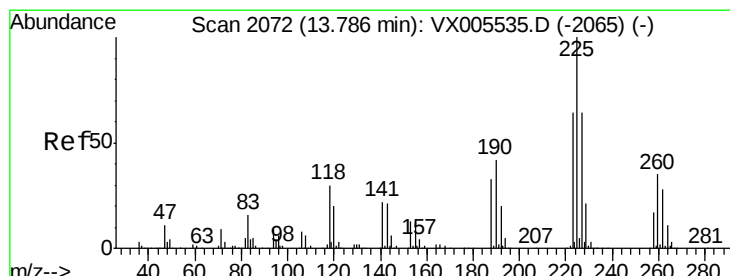
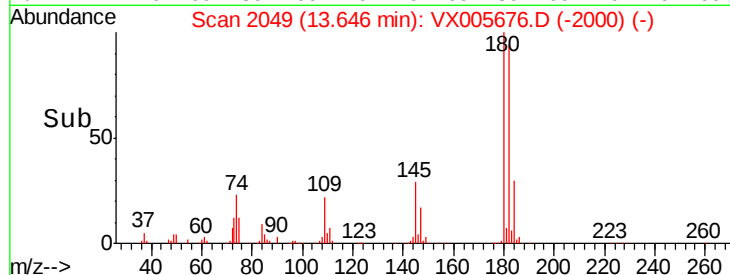
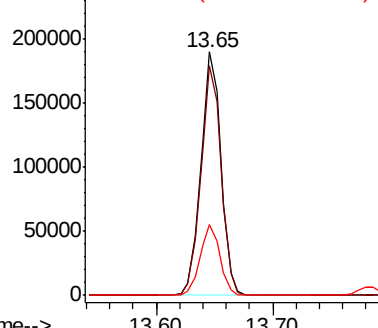
#93
 1,2,4-Trichlorobenzene
 Concen: 54.571 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 226111
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.6 142.8
 145 28.5 14.1 42.2

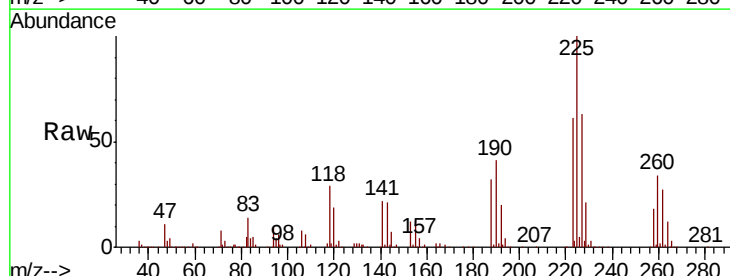


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

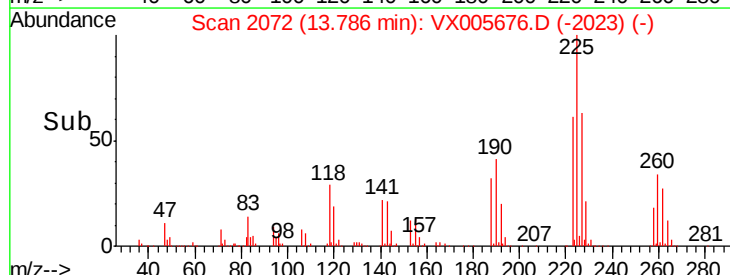
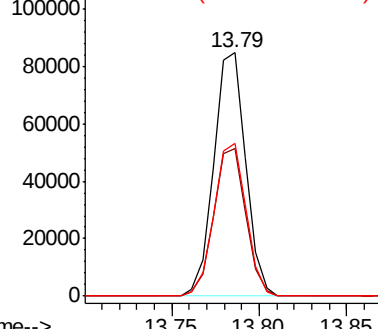


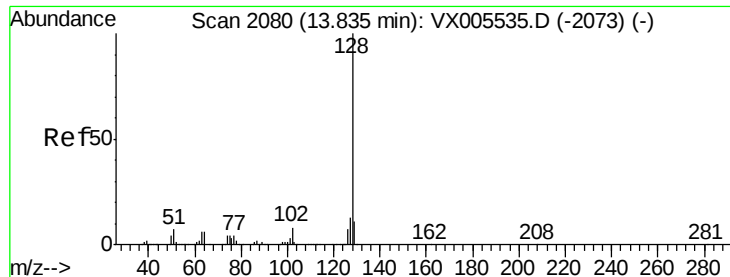
#94
 Hexachlorobutadiene
 Concen: 49.976 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005676.D
 Acq: 29 Oct 2018 22:43

Tgt Ion:225 Resp: 107310
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.7 95.1
 227 62.9 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 58.395 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

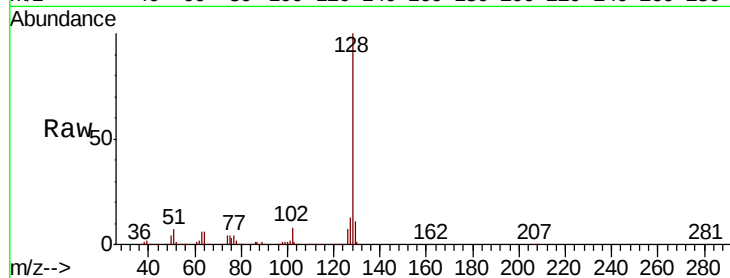
Tot Ion:128 Resp: 703310

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.7 13.1



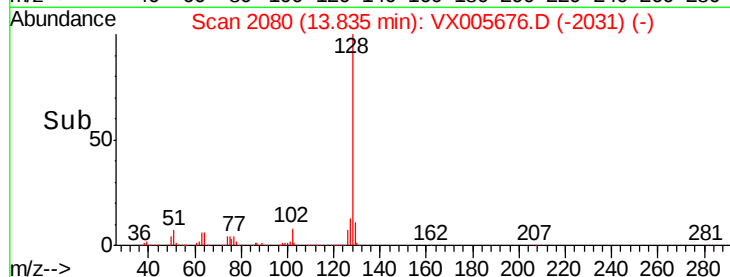
Abundance

Ion 128.00 (127.70 to 128.70): V

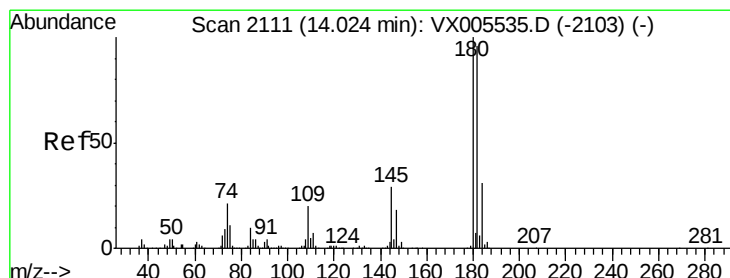
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 54.722 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

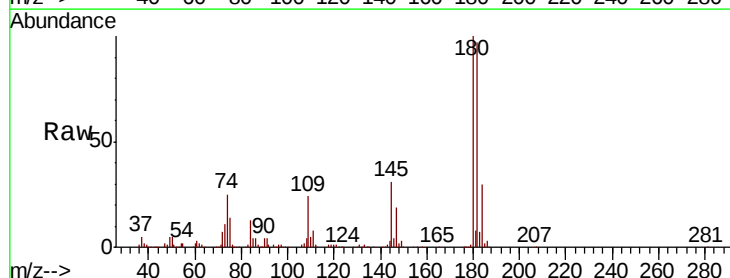
Tgt Ion:180 Resp: 229844

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.2

145 30.0 15.1 45.3



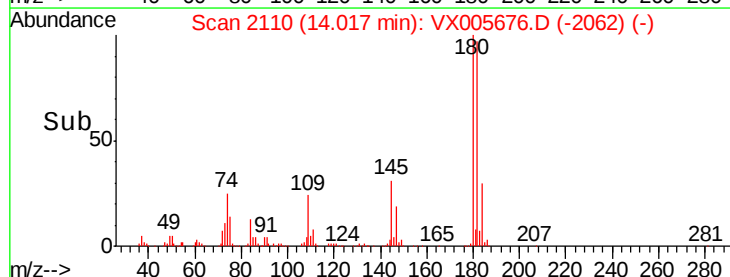
Abundance

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

14.02



Time-->