

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005041.D
 Acq On : 05 Oct 2018 01:23
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 05 03:27:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193381	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	155407	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	125057	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
50) Toluene-d8	8.71	98	470012	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.14	95	179510	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	153597	51.772	ug/l	97
3) Chloromethane	1.32	50	173196	48.117	ug/l	97
4) Vinyl Chloride	1.40	62	170692	50.561	ug/l	99
5) Bromomethane	1.64	94	129097	64.487	ug/l	94
6) Chloroethane	1.71	64	102107	55.767	ug/l	96
7) Trichlorofluoromethane	1.92	101	220615	52.786	ug/l	93
8) Diethyl Ether	2.19	74	93630	51.568	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123969	52.072	ug/l	99
10) Methyl Iodide	2.50	142	142922	44.863	ug/l	93
11) Tert butyl alcohol	3.09	59	232003	266.942	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119365	50.628	ug/l	96
13) Acrolein	2.29	56	82042	132.674	ug/l	91
14) Allyl chloride	2.72	41	269114	52.313	ug/l	96
15) Acrylonitrile	3.15	53	517497	270.480	ug/l	96
16) Acetone	2.45	43	455066	250.767	ug/l	92
17) Carbon Disulfide	2.56	76	323018	45.594	ug/l	99
18) Methyl Acetate	2.78	43	294305	64.011	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	461166	56.707	ug/l	96
20) Methylene Chloride	2.85	84	144397	54.808	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	130360	50.509	ug/l	85
22) Diisopropyl ether	3.87	45	473064	54.611	ug/l	98
23) Vinyl Acetate	3.82	43	2034226	256.545	ug/l	99
24) 1,1-Dichloroethane	3.69	63	259228	50.167	ug/l	99
25) 2-Butanone	4.71	43	689277	257.682	ug/l	97
26) 2,2-Dichloropropane	4.58	77	143280	39.819	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	142783	49.522	ug/l	96
28) Bromochloromethane	5.02	49	118464	48.684	ug/l	99
29) Tetrahydrofuran	5.16	42	449678	270.474	ug/l	98
30) Chloroform	5.21	83	243957	49.954	ug/l	99
31) Cyclohexane	5.57	56	208478	52.714	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	207692	52.075	ug/l	94
36) 1,1-Dichloropropene	5.79	75	177133	46.916	ug/l	94
37) Ethyl Acetate	4.86	43	243954	48.677	ug/l	98
38) Carbon Tetrachloride	5.78	117	178987	45.099	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	198197	51.410	ug/l	86
40) Benzene	6.15	78	570594	48.274	ug/l	93
41) Methacrylonitrile	5.06	41	137926	49.626	ug/l	98
42) 1,2-Dichloroethane	6.20	62	200862	48.071	ug/l	98
43) Isopropyl Acetate	6.46	43	369362	51.062	ug/l	97
44) Trichloroethene	7.21	130	150146	51.673	ug/l	100
45) 1,2-Dichloropropane	7.52	63	157551	54.354	ug/l	91
46) Dibromomethane	7.66	93	95381	52.359	ug/l	100
47) Bromodichloromethane	7.90	83	184314	54.040	ug/l	99
48) Methyl methacrylate	7.78	41	192188	58.537	ug/l	99
49) 1,4-Dioxane	7.76	88	86131	1055.950	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1324304	290.764	ug/l	99
52) Toluene	8.79	92	344574	53.053	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	202447	52.526	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	219060	54.264	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147973	52.012	ug/l	96
56) Ethyl methacrylate	9.18	69	234953	50.842	ug/l	97
57) 1,3-Dichloropropane	9.37	76	244750	51.690	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	639772	260.361	ug/l	100
59) 2-Hexanone	9.50	43	1059607	279.182	ug/l	95
60) Dibromochloromethane	9.59	129	153156	53.830	ug/l	98
61) 1,2-Dibromoethane	9.68	107	151570	49.747	ug/l	96
64) Tetrachloroethene	9.34	164	146114	47.302	ug/l	97
65) Chlorobenzene	10.14	112	390381	48.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	143784	50.819	ug/l	99
67) Ethyl Benzene	10.26	91	659674	51.629	ug/l	96
68) m/p-Xylenes	10.36	106	513643	102.873	ug/l	95
69) o-Xylene	10.70	106	249897	54.491	ug/l	100
70) Styrene	10.71	104	424060	49.464	ug/l	100
71) Bromoform	10.86	173	125645	51.871	ug/l #	96
73) Isopropylbenzene	11.02	105	664631	54.527	ug/l	99
74) N-amyl acetate	10.90	43	334440	49.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	247117	49.804	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	279583	64.504	ug/l	86
77) Bromobenzene	11.26	156	181953	51.393	ug/l	99
78) n-propylbenzene	11.36	91	754385	53.941	ug/l	100
79) 2-Chlorotoluene	11.42	91	464557	53.291	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	564508	50.532	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66909	42.416	ug/l	97
82) 4-Chlorotoluene	11.51	91	544303	53.047	ug/l	99
83) tert-Butylbenzene	11.77	119	556750	55.477	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	588803	51.111	ug/l	100
85) sec-Butylbenzene	11.94	105	658726	53.889	ug/l	100
86) p-Isopropyltoluene	12.07	119	593918	53.628	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	333303	50.417	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	337745	49.490	ug/l	99
89) n-Butylbenzene	12.39	91	519993	51.699	ug/l	100
90) Hexachloroethane	12.60	117	95289	51.677	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	341721	49.462	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57487	52.767	ug/l	99

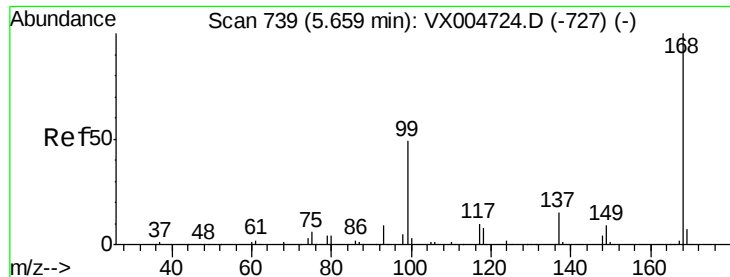
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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	252033	52.004	ug/l	100
94) Hexachlorobutadiene	13.79	225	115800	46.078	ug/l	100
95) Naphthalene	13.83	128	828190	51.466	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260621	52.058	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

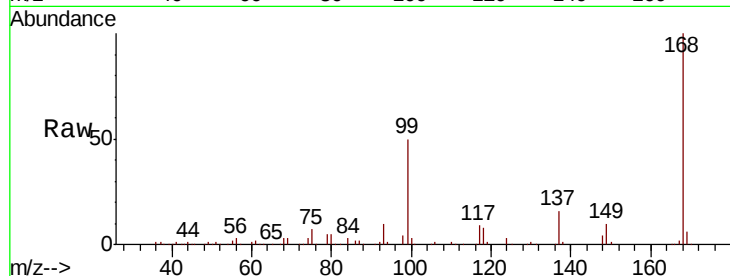
VSTDCCC050EC

Tot Ion:168 Resp: 217593

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

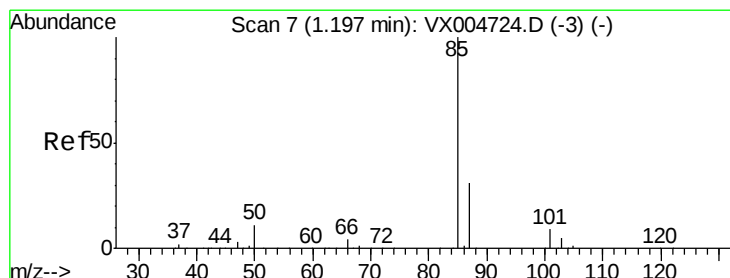
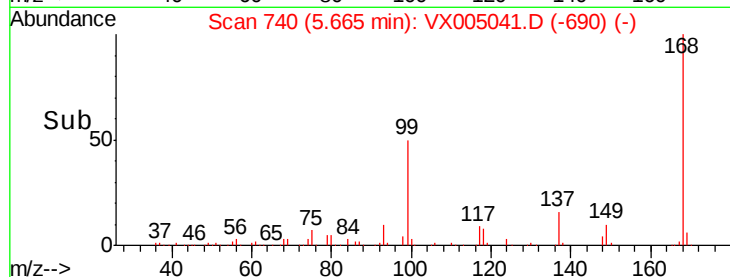
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 51.772 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005041.D

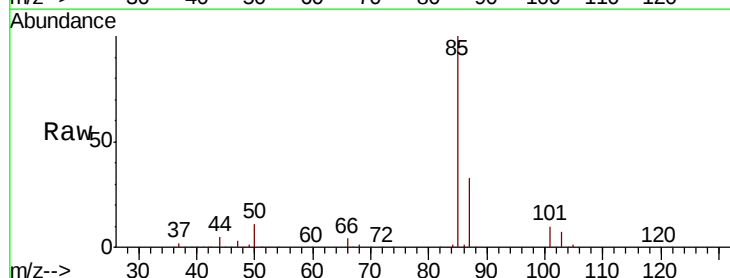
Acq: 05 Oct 2018 01:23

Tgt Ion: 85 Resp: 153597

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

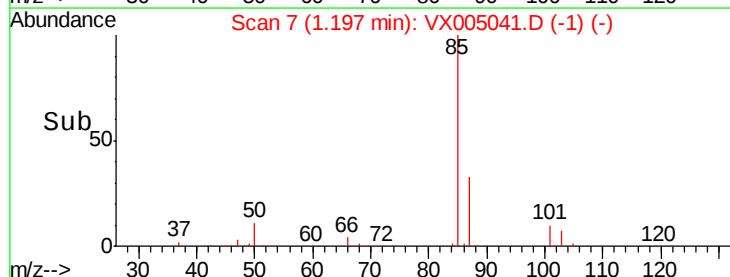
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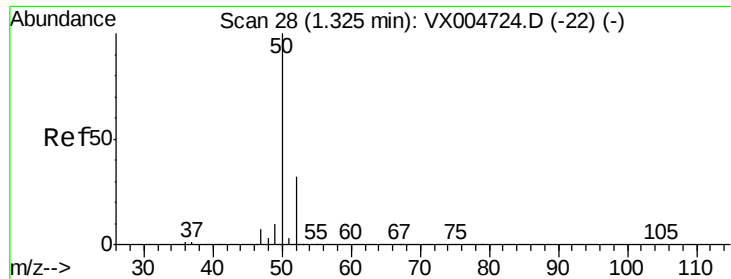
50000

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Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 48.117 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

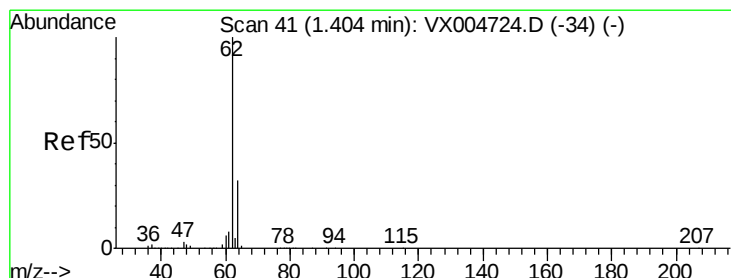
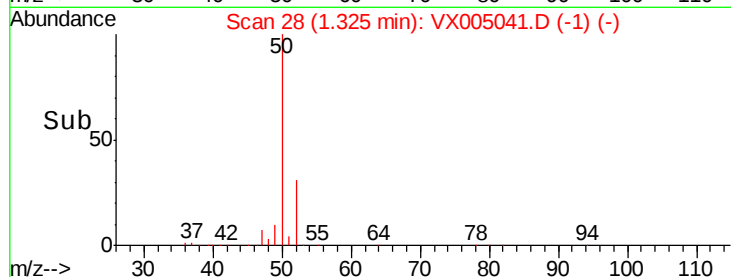
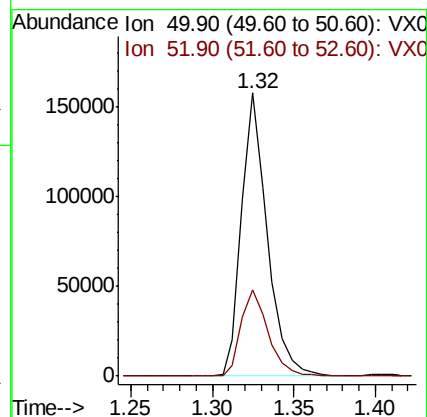
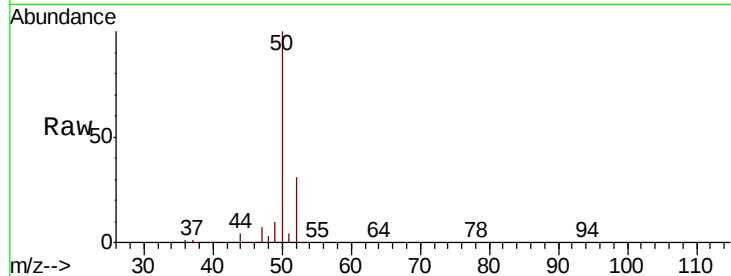
VSTDCCC050EC

Tot Ion: 50 Resp: 173196

Ion Ratio Lower Upper

50 100

52 30.7 25.8 38.6



#4

Vinyl Chloride

Concen: 50.561 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005041.D

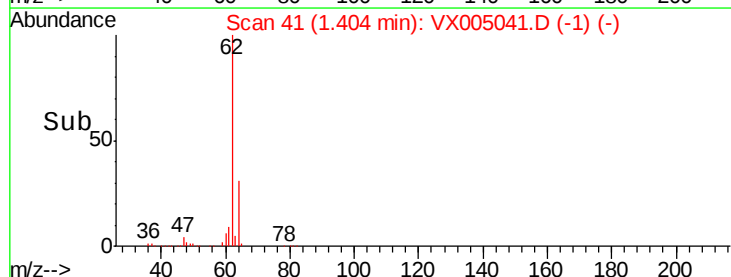
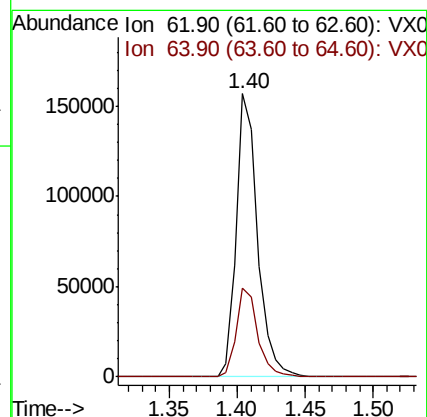
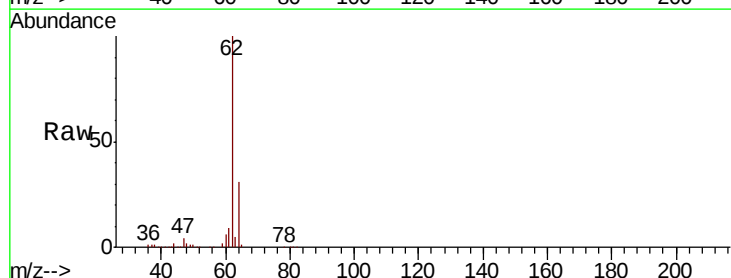
Acq: 05 Oct 2018 01:23

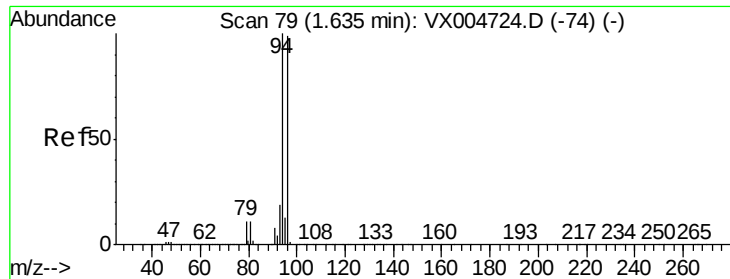
Tgt Ion: 62 Resp: 170692

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 64.487 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

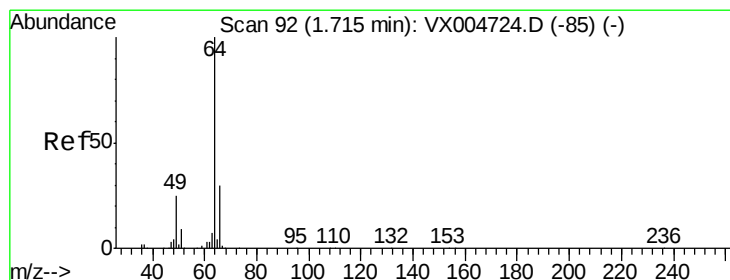
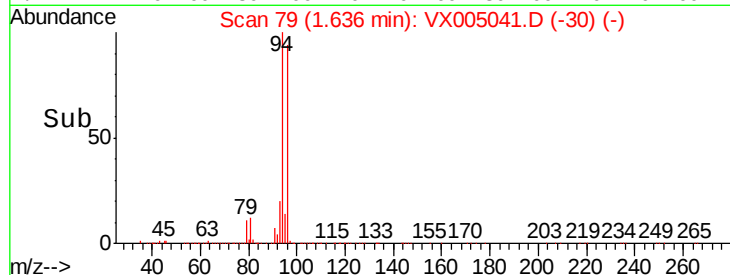
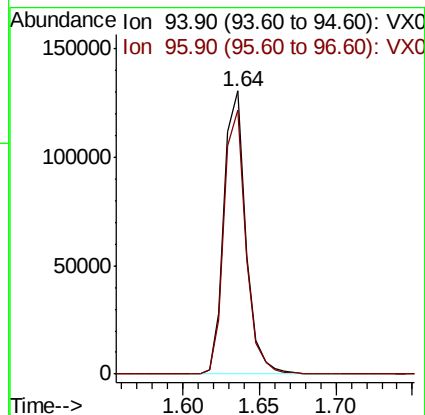
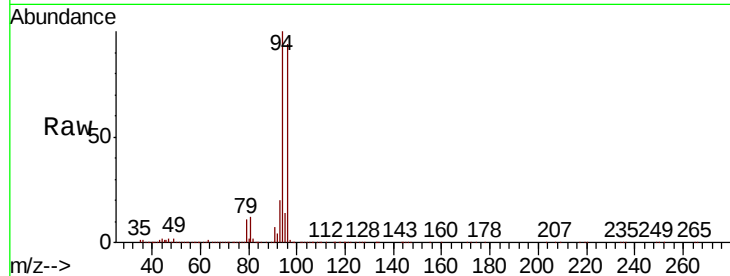
VSTDCCC050EC

Tot Ion: 94 Resp: 129097

Ion Ratio Lower Upper

94 100

96 93.5 79.5 119.3



#6

Chloroethane

Concen: 55.767 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005041.D

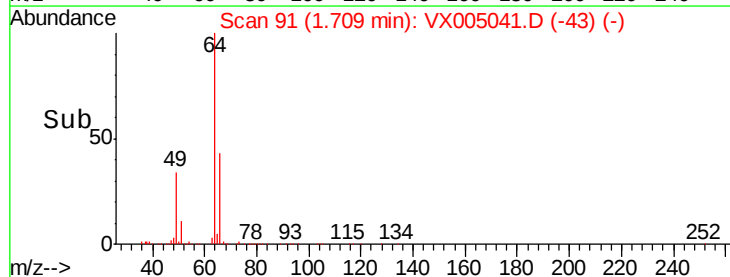
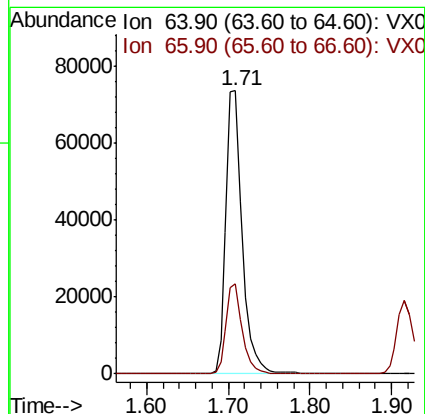
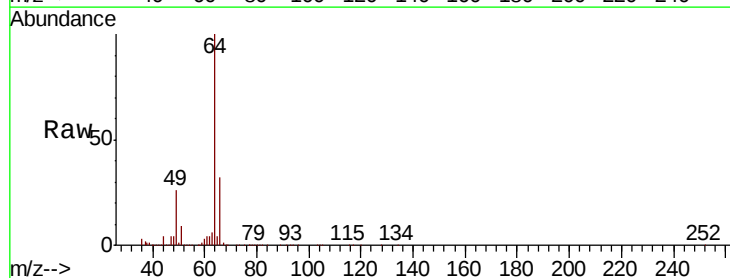
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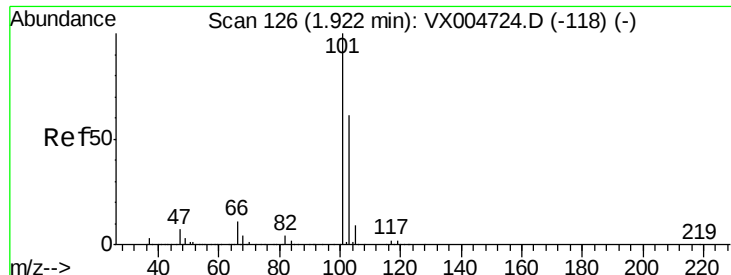
Tgt Ion: 64 Resp: 102107

Ion Ratio Lower Upper

64 100

66 31.6 23.8 35.6



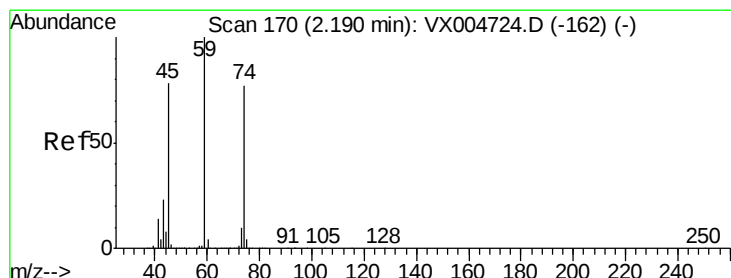
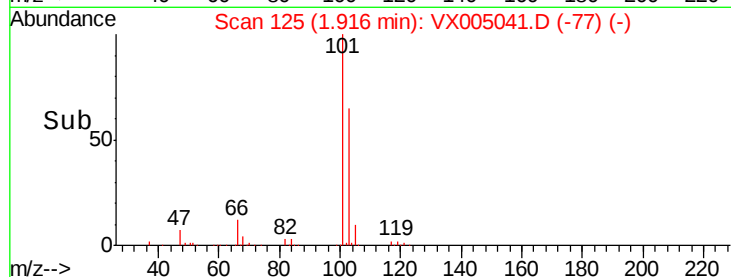
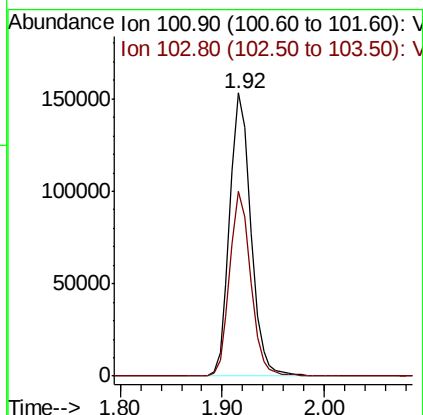
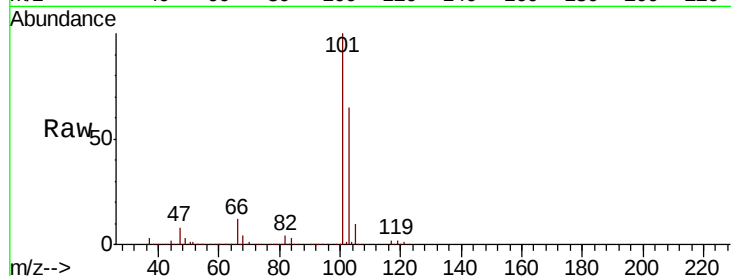


#7

Trichlorofluoromethane
 Concen: 52.786 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
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 VSTDCCC050EC

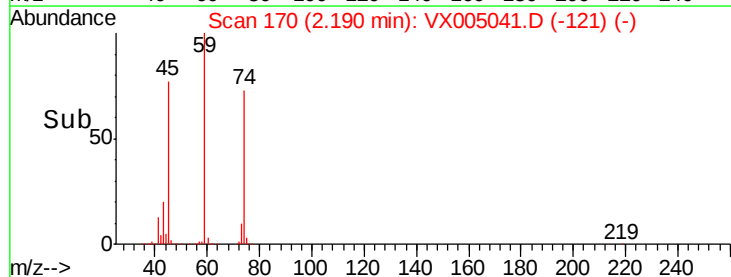
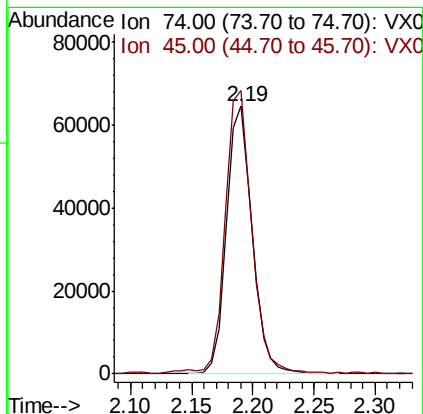
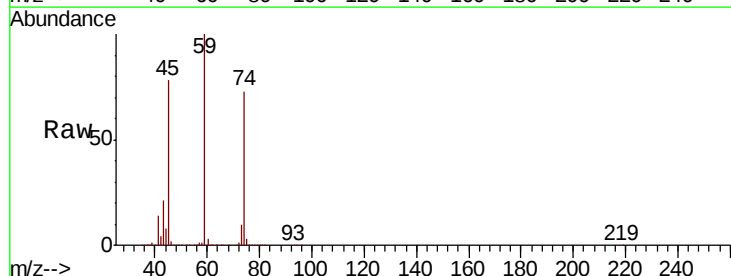
Tot Ion:101 Resp: 220615
 Ion Ratio Lower Upper
 101 100
 103 65.5 48.4 72.6

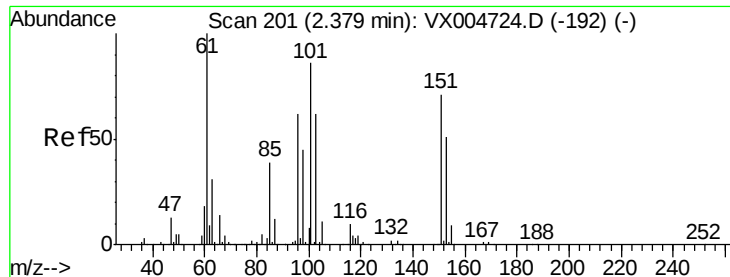


#8

Diethyl Ether
 Concen: 51.568 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion: 74 Resp: 93630
 Ion Ratio Lower Upper
 74 100
 45 108.9 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.072 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

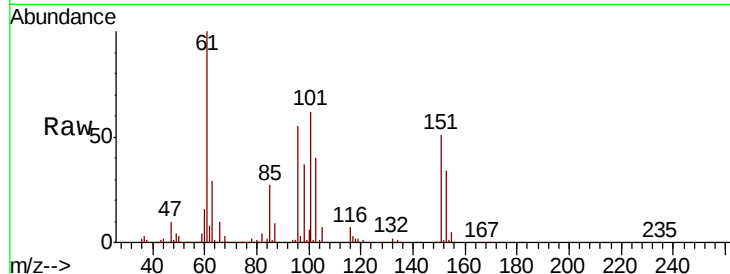
Tot Ion:101 Resp: 123969

Ion Ratio Lower Upper

101 100

85 43.8 35.9 53.9

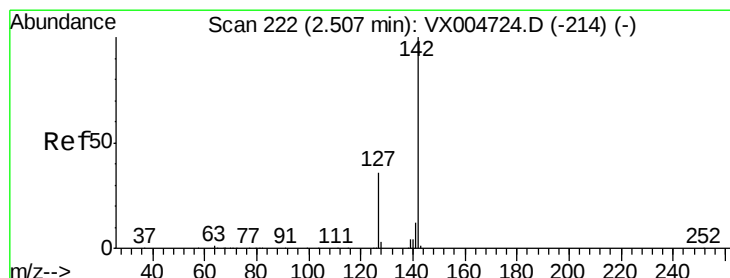
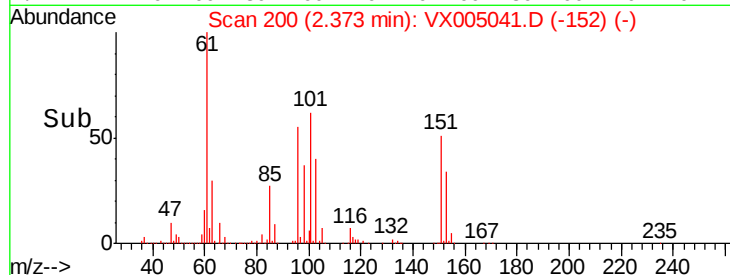
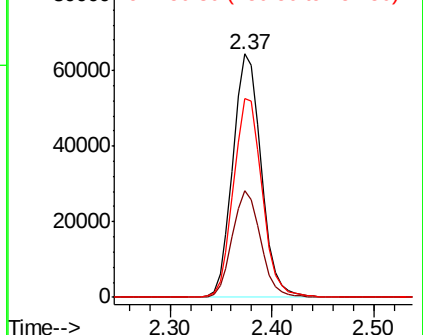
151 82.7 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.863 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

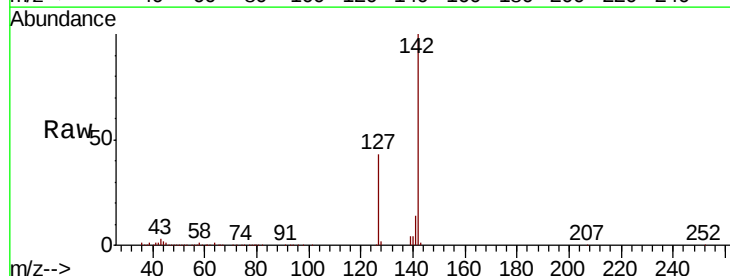
Tgt Ion:142 Resp: 142922

Ion Ratio Lower Upper

142 100

127 42.5 30.1 45.1

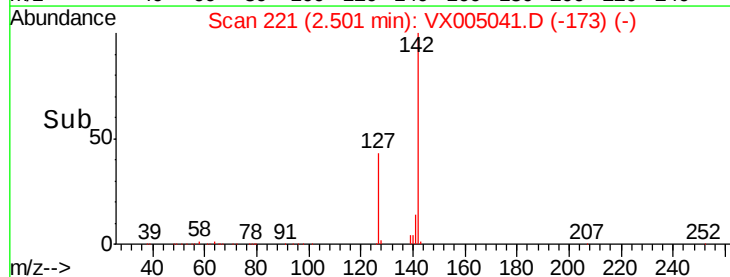
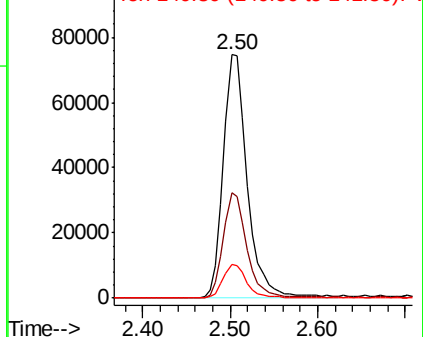
141 13.8 10.1 15.1

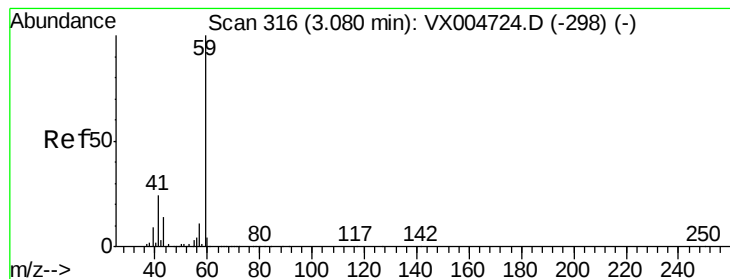


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



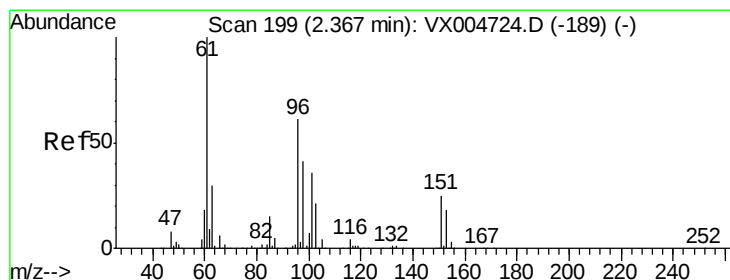
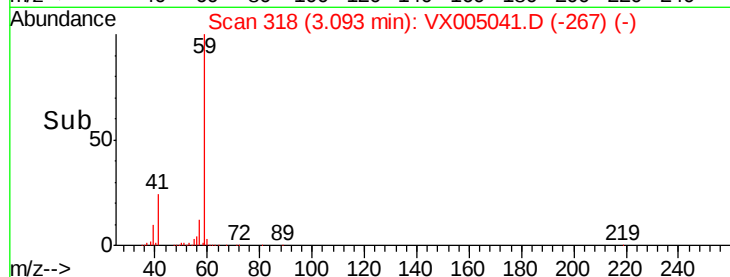
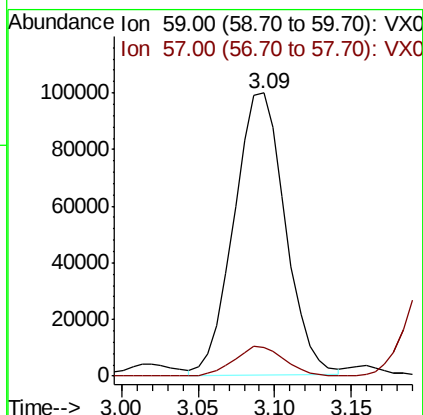
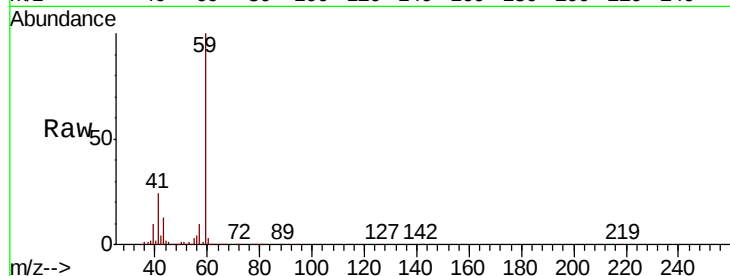


#11

Tert butyl alcohol
 Concen: 266.942 ug/l
 RT: 3.09 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

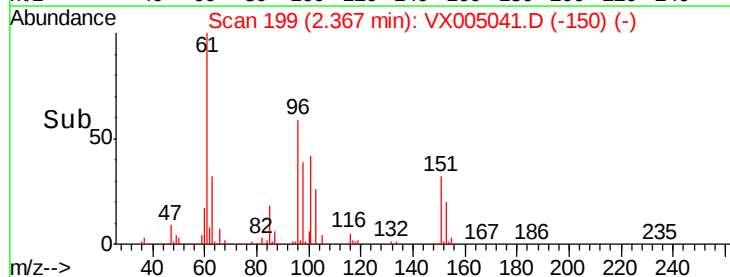
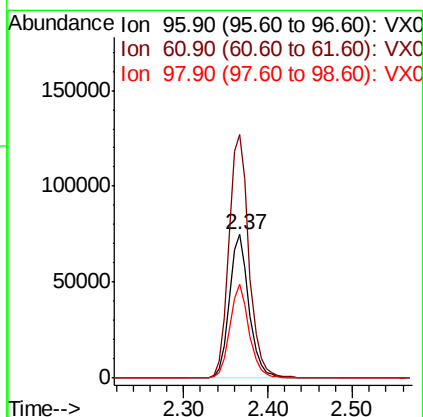
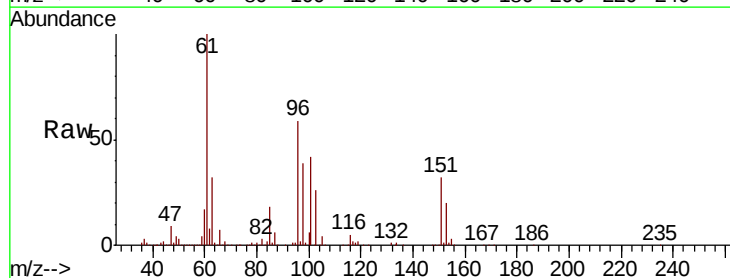
Tot Ion: 59 Resp: 232003
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

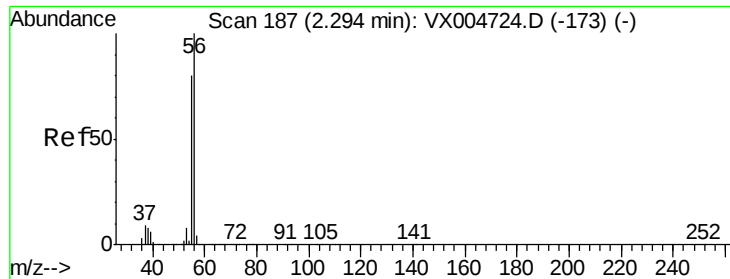


#12

1,1-Dichloroethene
 Concen: 50.628 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion: 96 Resp: 119365
 Ion Ratio Lower Upper
 96 100
 61 169.5 130.2 195.4
 98 65.4 53.4 80.0





#13

Acrolein

Concen: 132.674 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

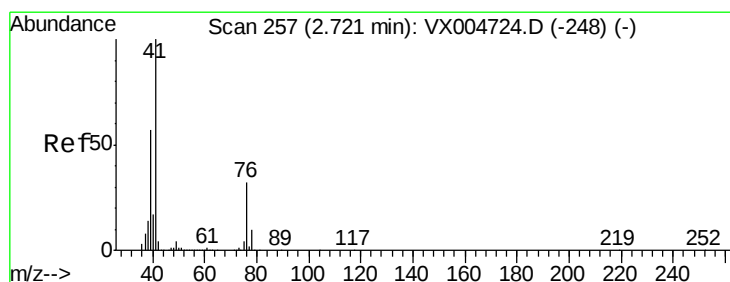
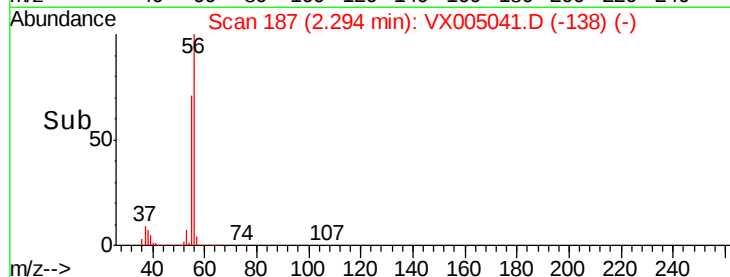
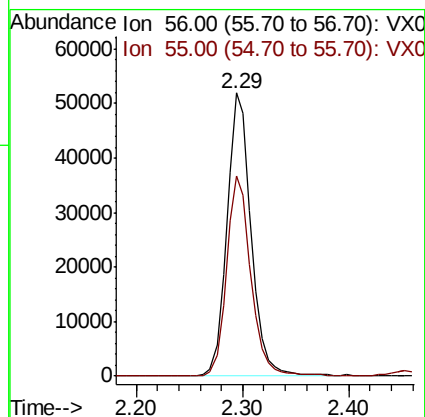
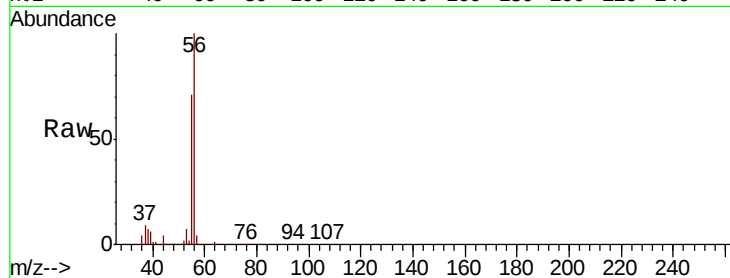
VSTDCCC050EC

Tot Ion: 56 Resp: 82042

Ion Ratio Lower Upper

56 100

55 71.3 63.4 95.2



#14

Allyl chloride

Concen: 52.313 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

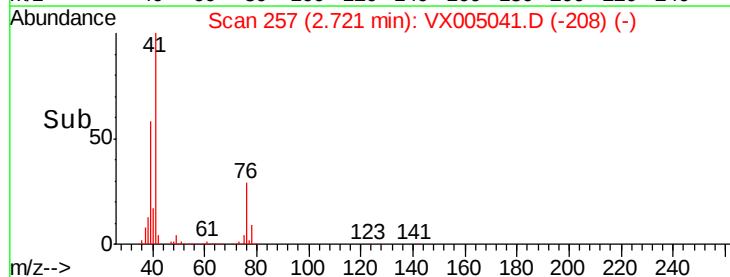
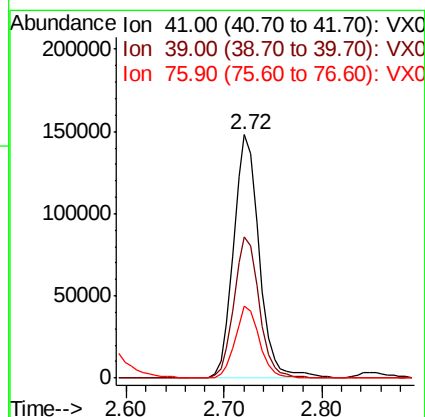
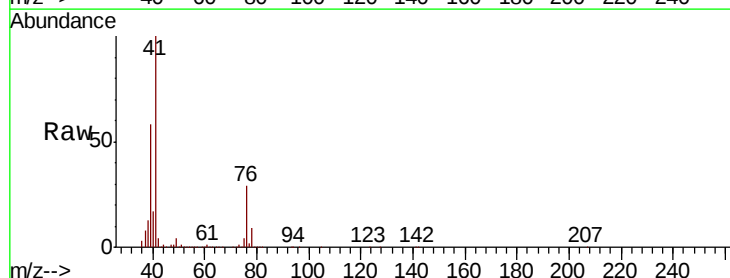
Tgt Ion: 41 Resp: 269114

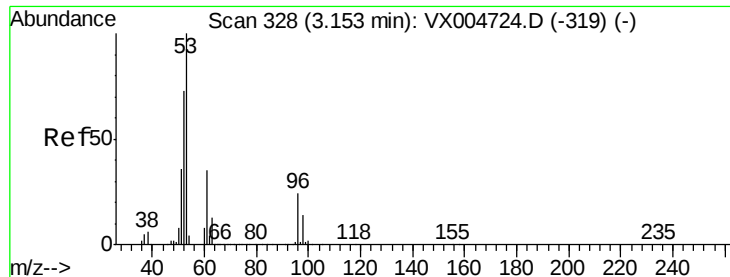
Ion Ratio Lower Upper

41 100

39 57.2 44.1 66.1

76 28.1 25.0 37.4





#15

Acrylonitrile

Concen: 270.480 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

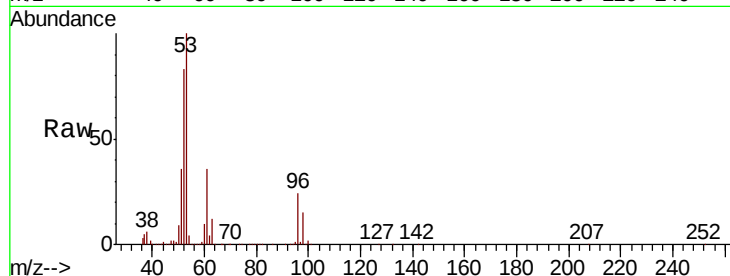
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 517497

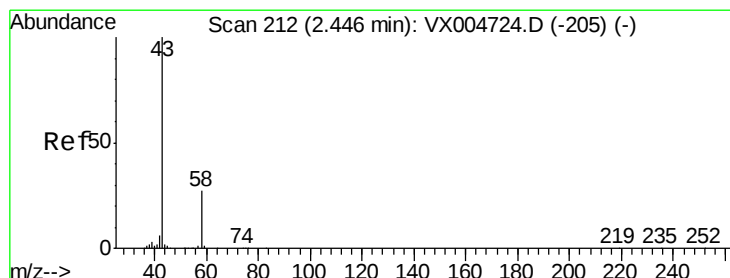
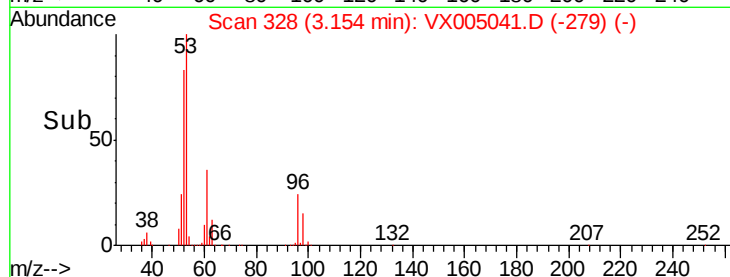
Ion	Ratio	Lower	Upper
53	100		
52	83.5	63.0	94.4
51	35.9	28.6	42.8



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: 250.767 ug/l

RT: 2.45 min Scan# 213

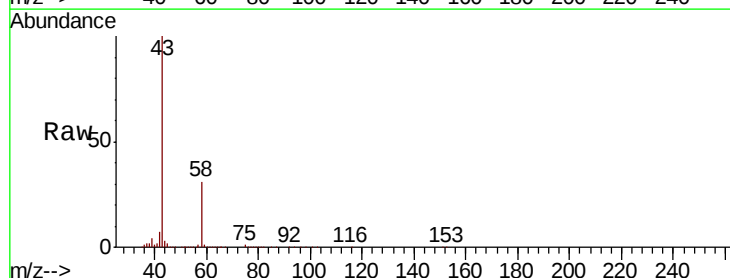
Delta R.T. 0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

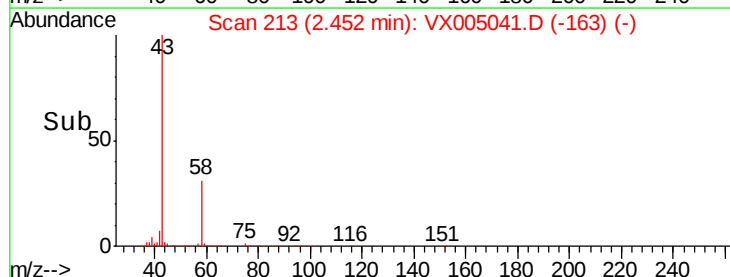
Tgt Ion: 43 Resp: 455066

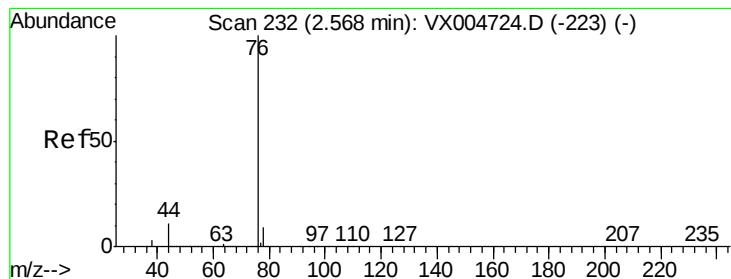
Ion	Ratio	Lower	Upper
43	100		
58	31.3	21.8	32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.594 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

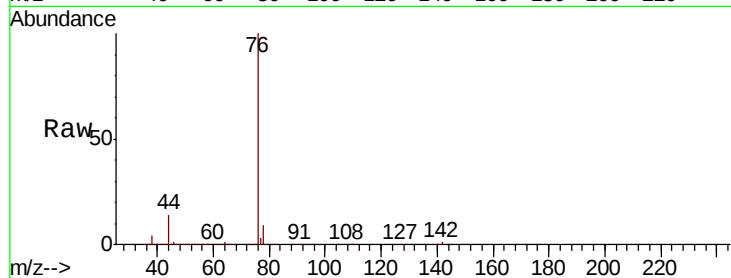
VSTDCCC050EC

Tot Ion: 76 Resp: 323018

Ion Ratio Lower Upper

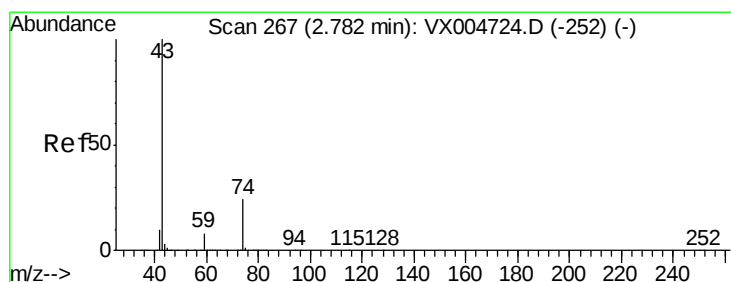
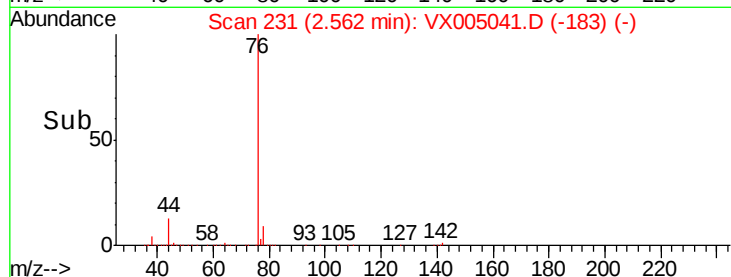
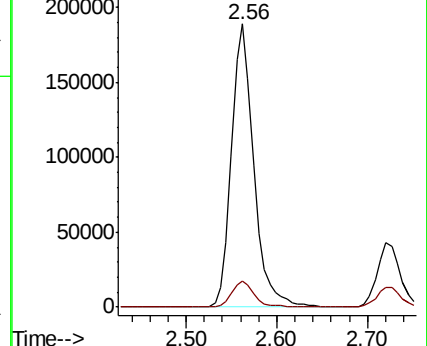
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 64.011 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005041.D

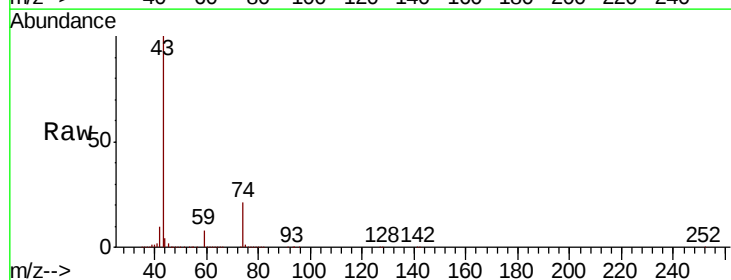
Acq: 05 Oct 2018 01:23

Tgt Ion: 43 Resp: 294305

Ion Ratio Lower Upper

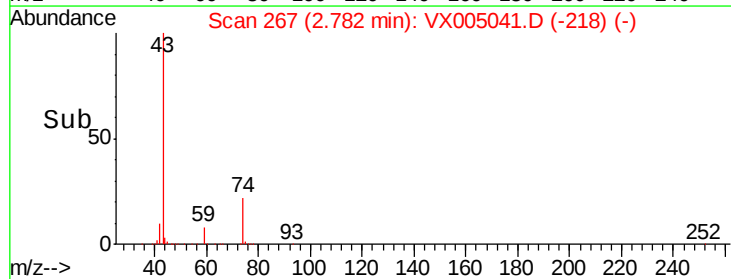
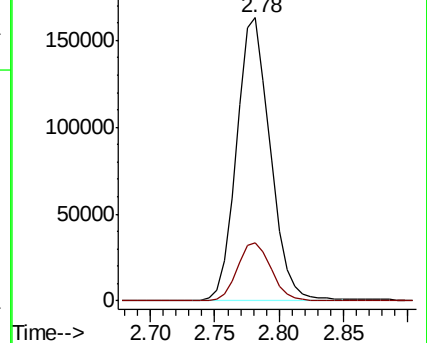
43 100

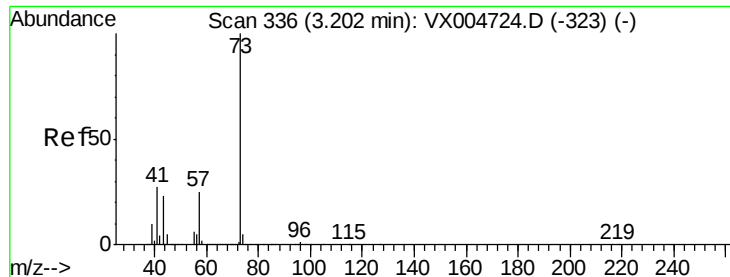
74 20.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



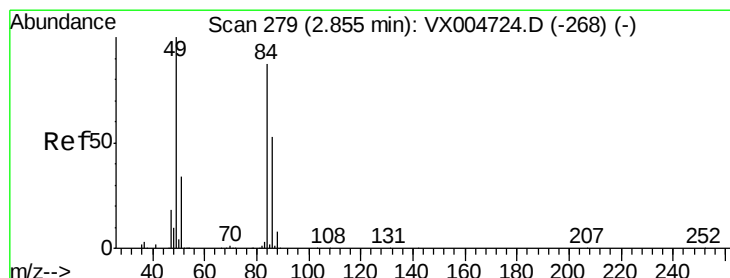
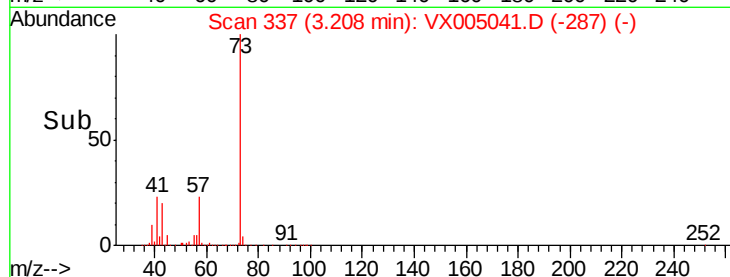
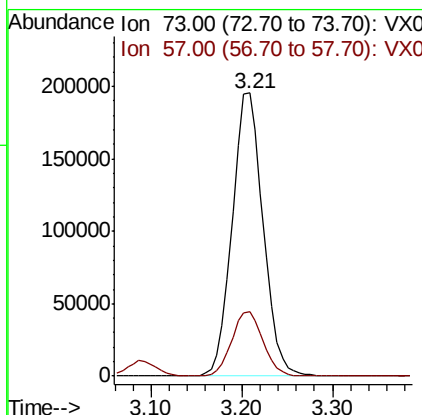
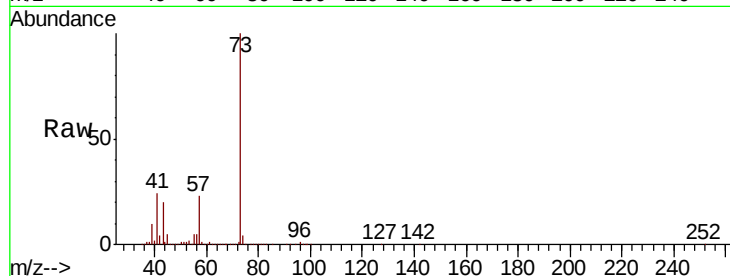


#19

Methyl tert-butyl Ether
 Concen: 56.707 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

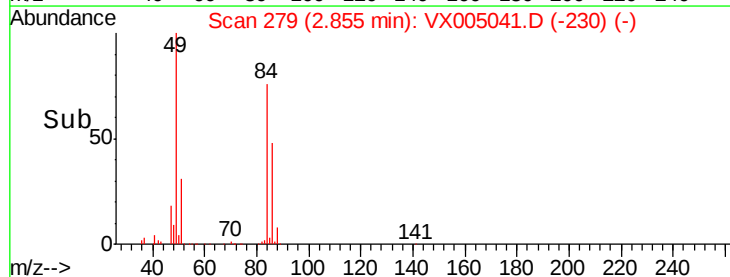
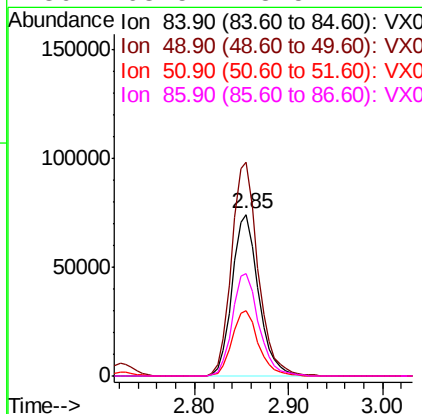
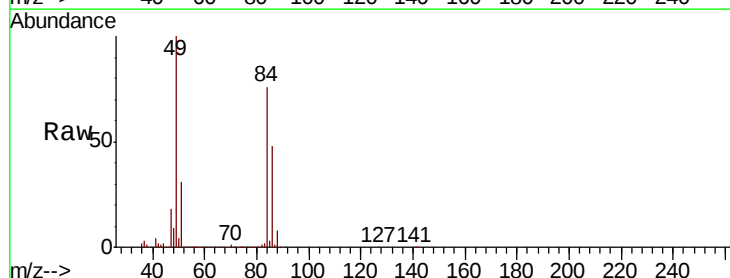
Tot Ion: 73 Resp: 461166
 Ion Ratio Lower Upper
 73 100
 57 22.8 19.9 29.9

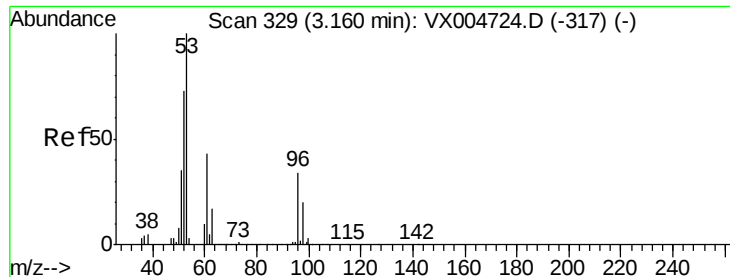


#20

Methylene Chloride
 Concen: 54.808 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion: 84 Resp: 144397
 Ion Ratio Lower Upper
 84 100
 49 131.9 92.3 138.5
 51 40.5 31.8 47.6
 86 63.5 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 50.509 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

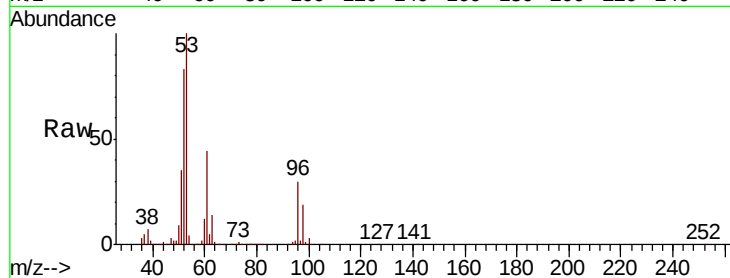
Tot Ion: 96 Resp: 130360

Ion Ratio Lower Upper

96 100

61 147.1 101.0 151.6

98 64.2 47.2 70.8

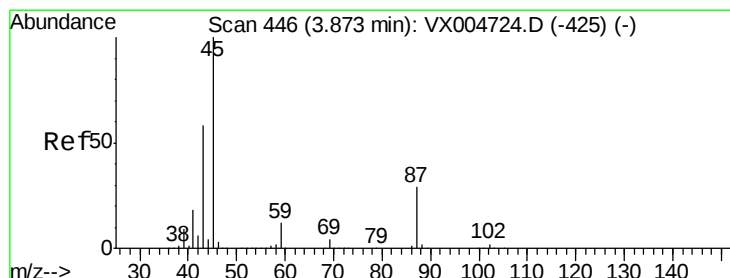
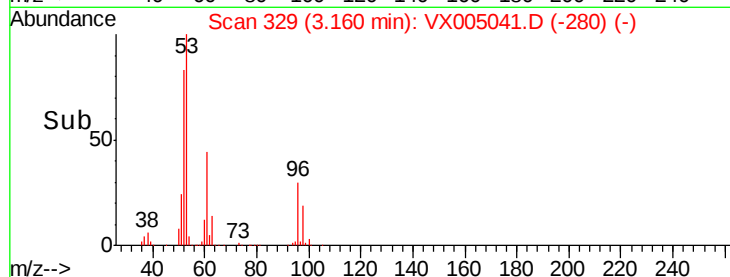
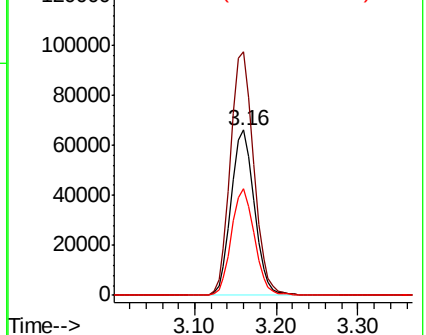


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.611 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion: 45 Resp: 473064

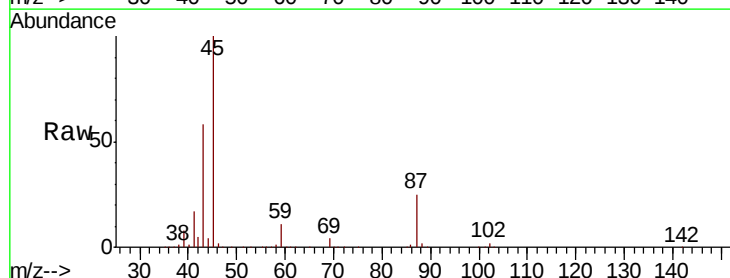
Ion Ratio Lower Upper

45 100

43 57.7 46.7 70.1

87 25.5 22.9 34.3

59 11.2 9.3 13.9



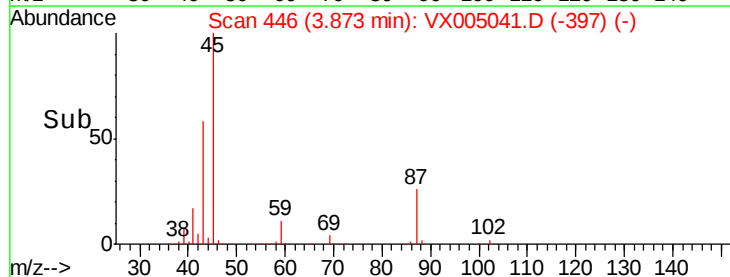
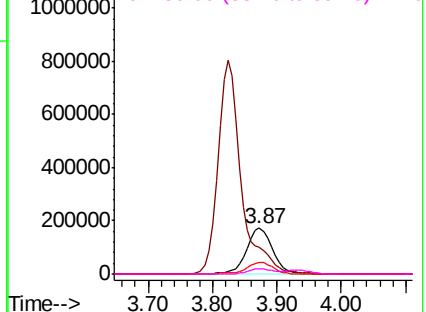
Abundance

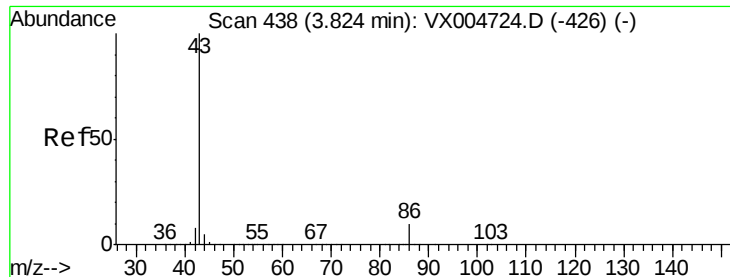
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.545 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

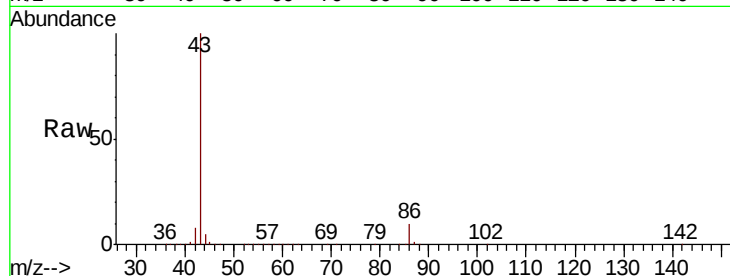
VSTDCCC050EC

Tot Ion: 43 Resp: 2034226

Ion Ratio Lower Upper

43 100

86 9.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

400000

200000

0

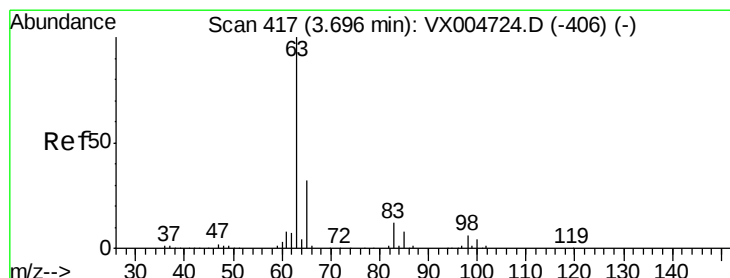
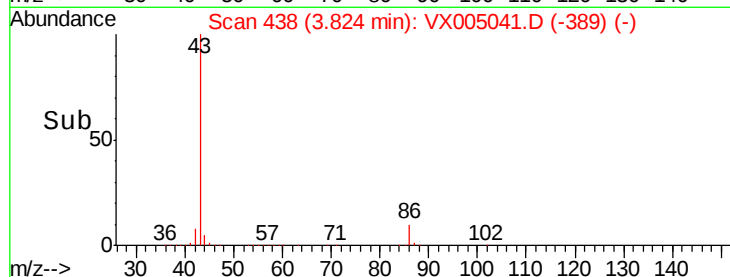
3.60

3.80

4.00

4.20

Time-->



#24

1,1-Dichloroethane

Concen: 50.167 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

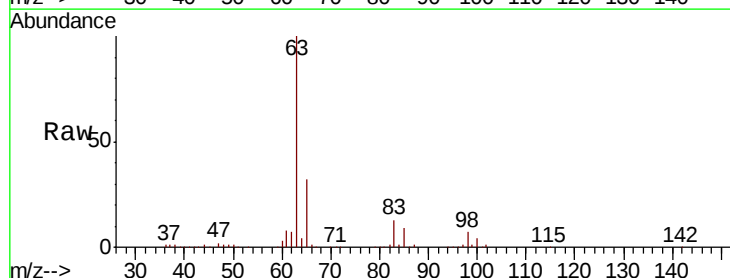
Tgt Ion: 63 Resp: 259228

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 4.1 2.0 5.8



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

150000

100000

50000

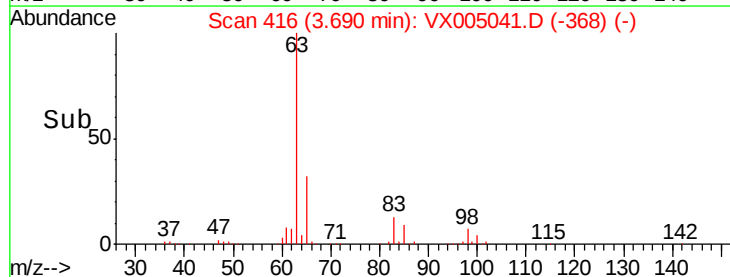
0

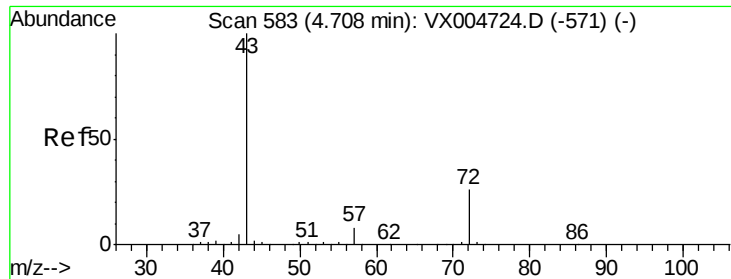
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 257.682 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

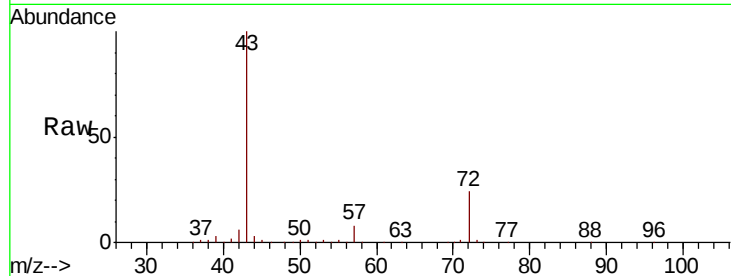
VSTDCCC050EC

Tot Ion: 43 Resp: 689277

Ion Ratio Lower Upper

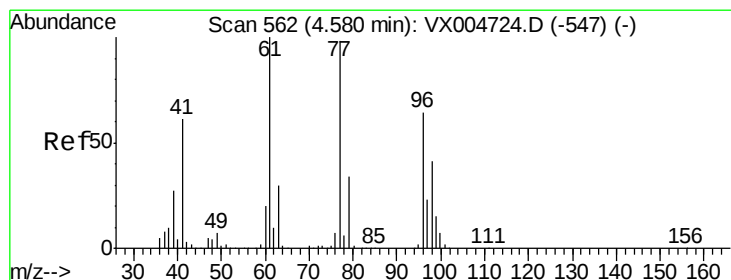
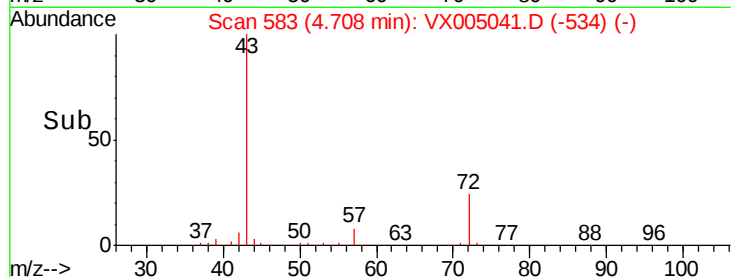
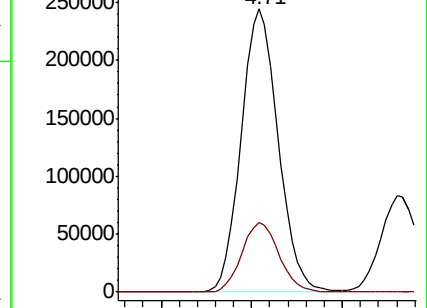
43 100

72 24.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 39.819 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005041.D

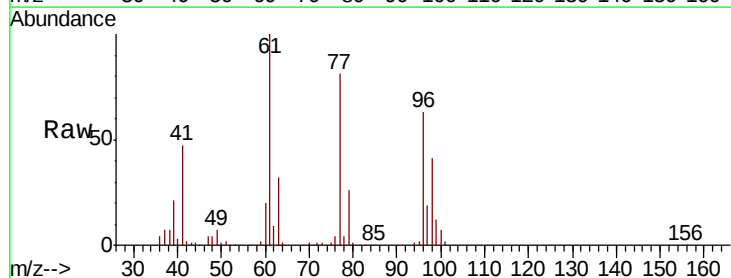
Acq: 05 Oct 2018 01:23

Tgt Ion: 77 Resp: 143280

Ion Ratio Lower Upper

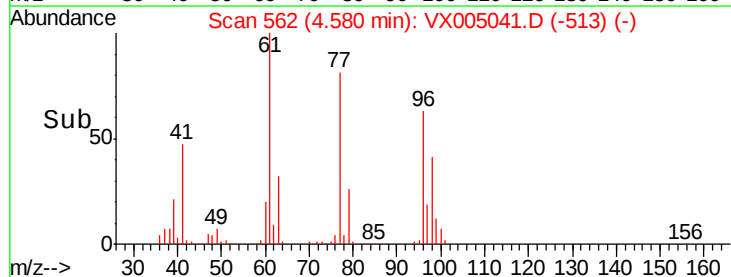
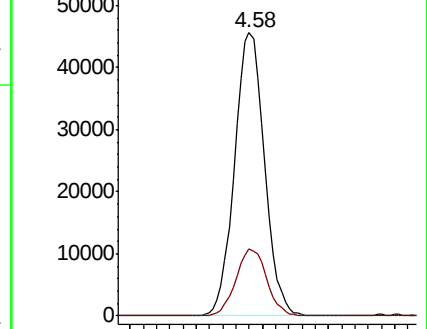
77 100

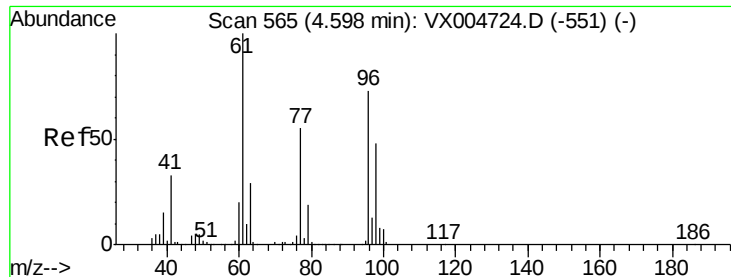
97 24.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



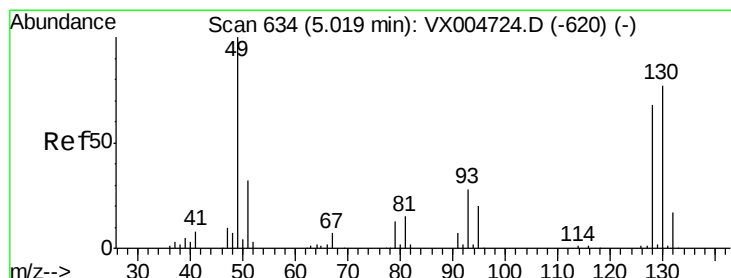
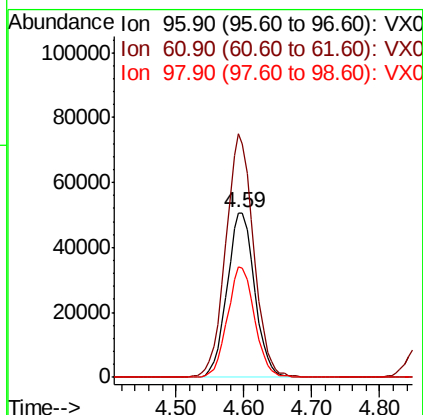
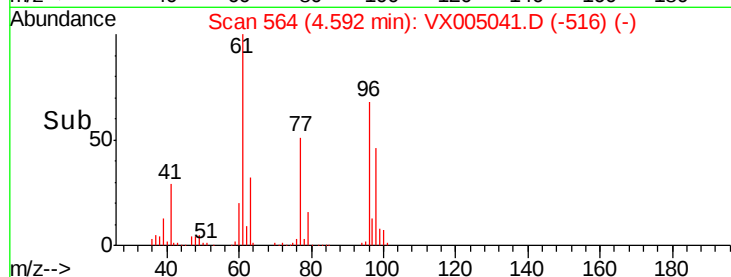
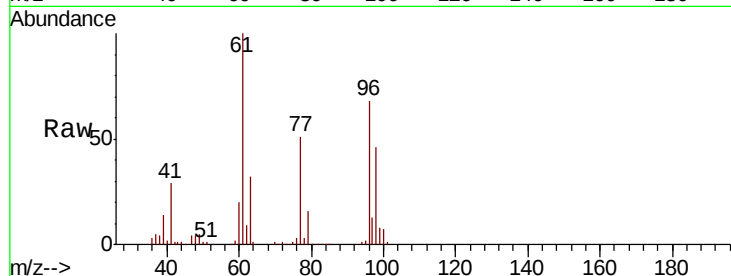


#27

cis-1,2-Dichloroethene
Concen: 49.522 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

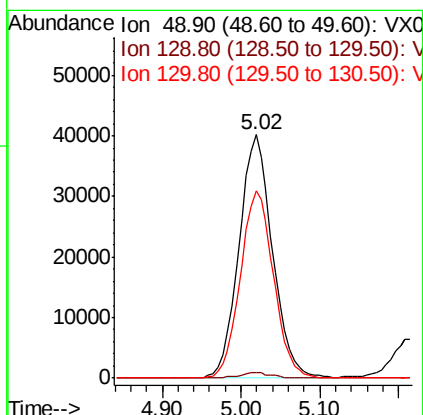
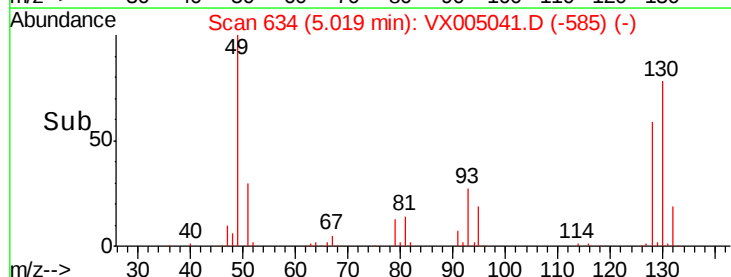
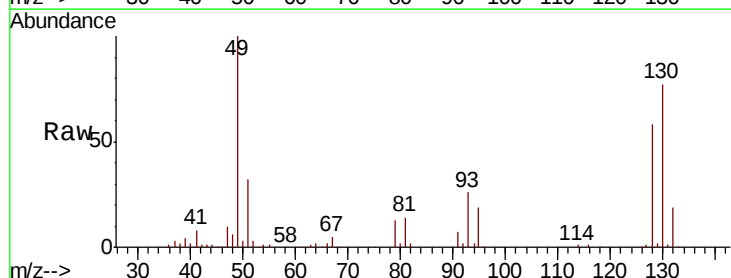
Tot Ion: 96 Resp: 142783
Ion Ratio Lower Upper
96 100
61 148.2 0.0 285.8
98 65.9 0.0 136.2

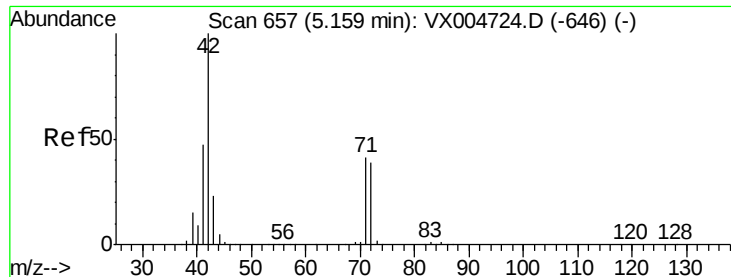


#28

Bromochloromethane
Concen: 48.684 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 49 Resp: 118464
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 76.4 62.0 93.0

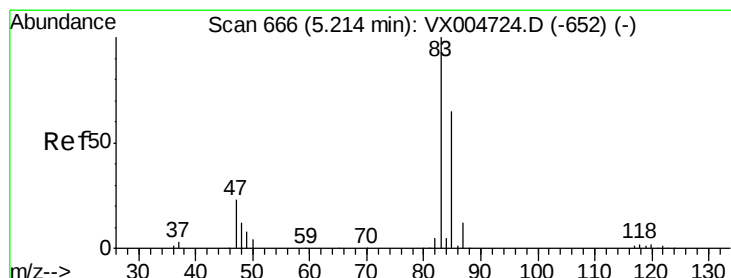
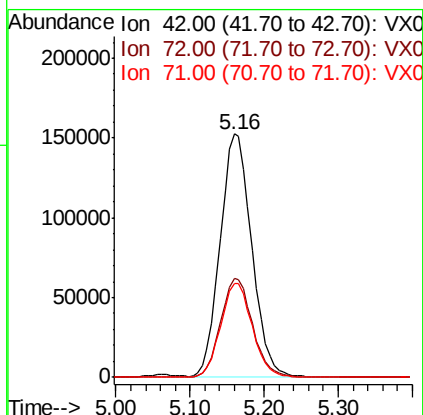
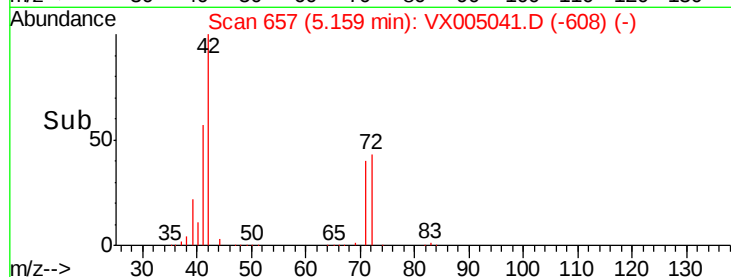
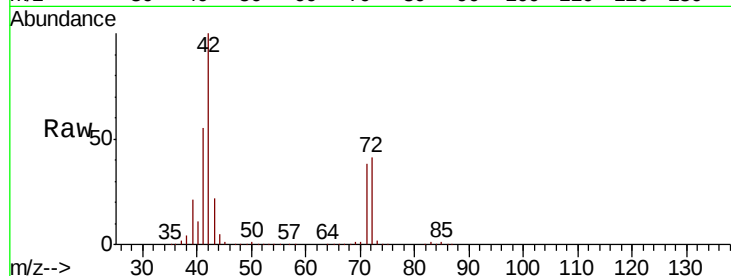




#29
Tetrahydrofuran
Concen: 270.474 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

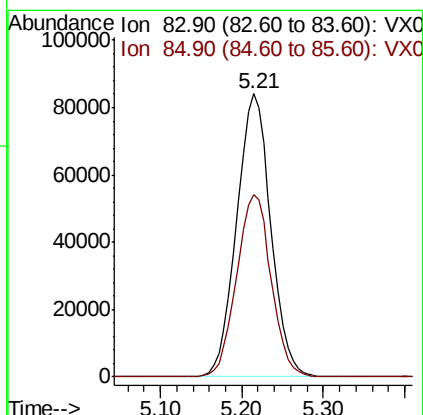
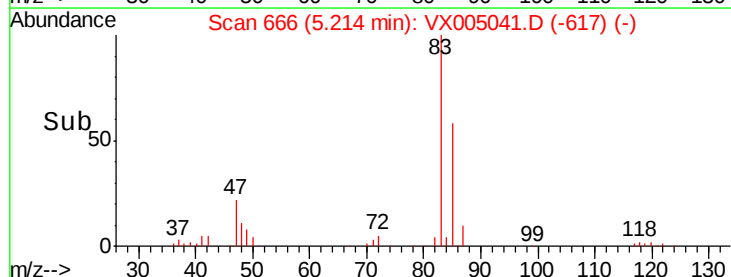
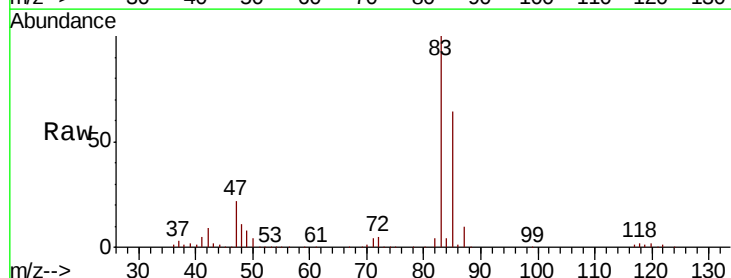
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

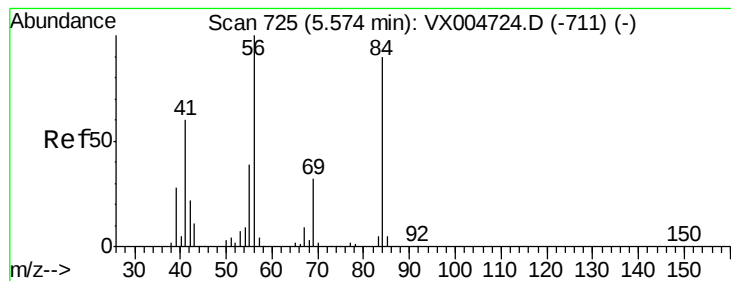
Tot Ion: 42 Resp: 449678
Ion Ratio Lower Upper
42 100
72 41.1 33.7 50.5
71 38.7 32.2 48.4



#30
Chloroform
Concen: 49.954 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 83 Resp: 243957
Ion Ratio Lower Upper
83 100
85 64.4 52.4 78.6





#31

Cyclohexane

Concen: 52.714 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

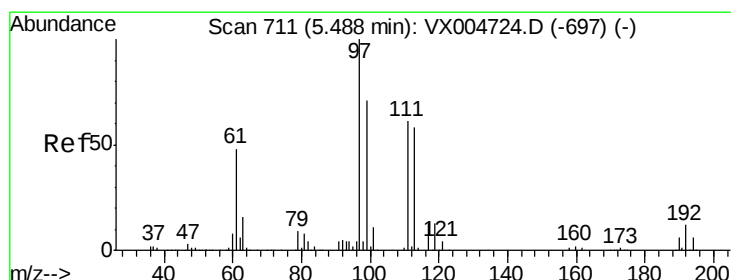
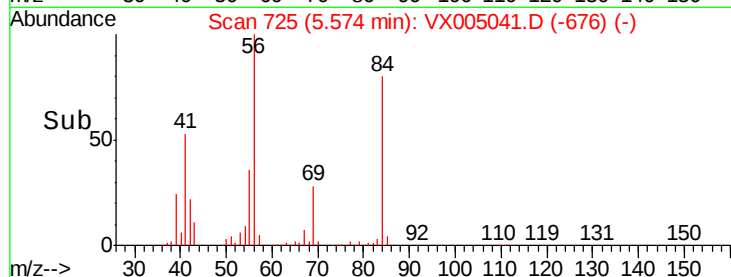
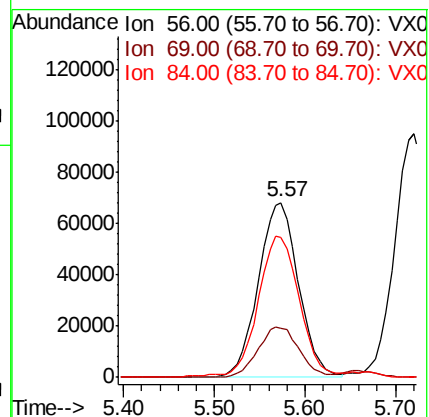
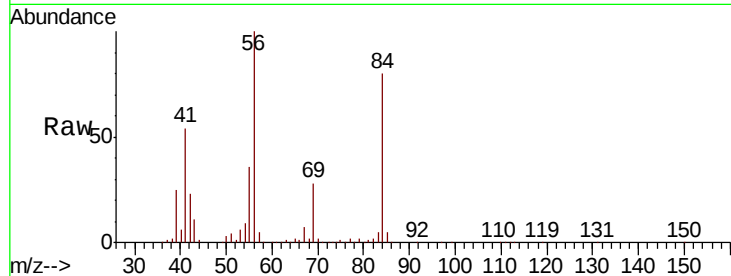
Tot Ion: 56 Resp: 208478

Ion Ratio Lower Upper

56 100

69 28.3 25.9 38.9

84 79.2 71.9 107.9



#32

1,1,1-Trichloroethane

Concen: 52.075 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

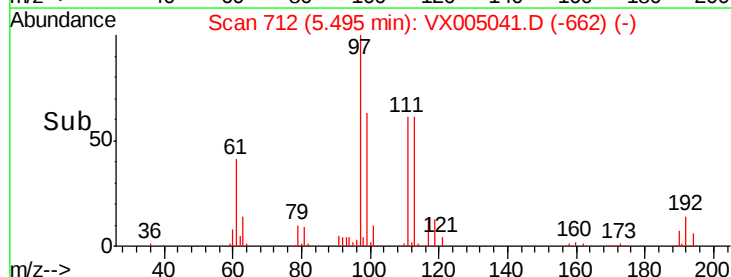
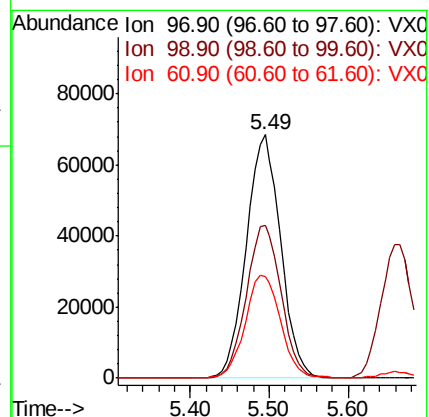
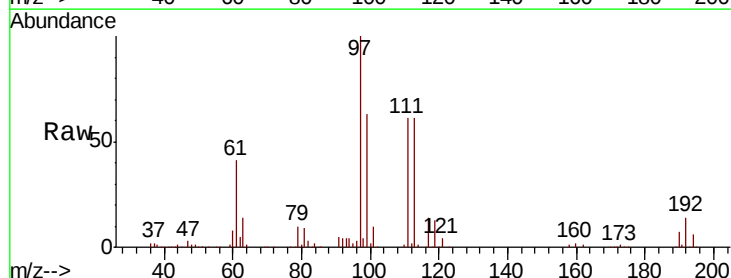
Tgt Ion: 97 Resp: 207692

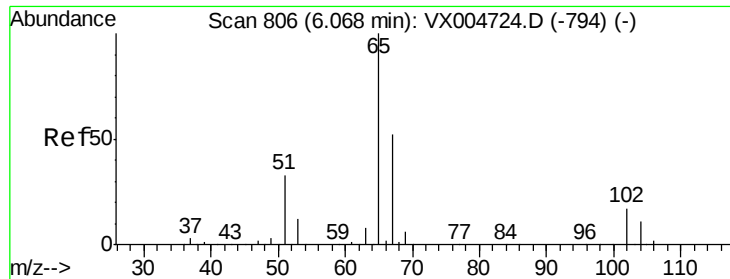
Ion Ratio Lower Upper

97 100

99 63.5 54.6 82.0

61 43.4 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 49.997 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

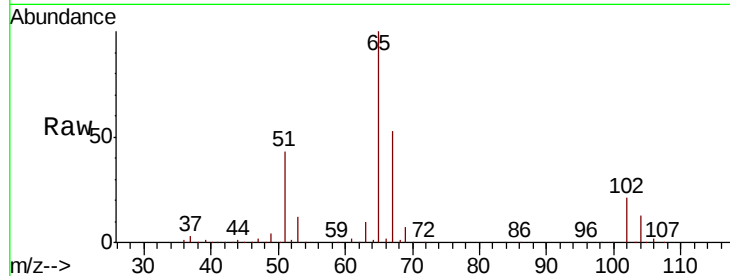
VSTDCCC050EC

Tot Ion: 65 Resp: 155407

Ion Ratio Lower Upper

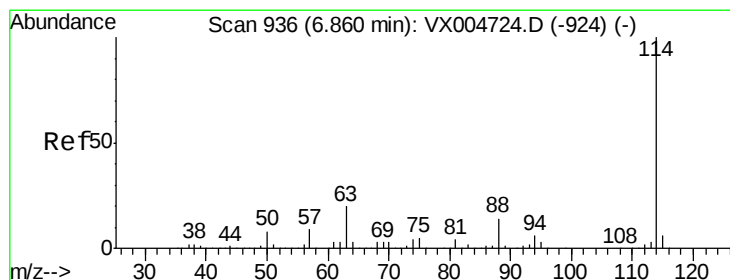
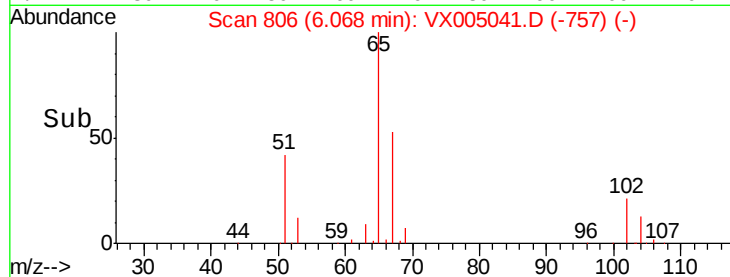
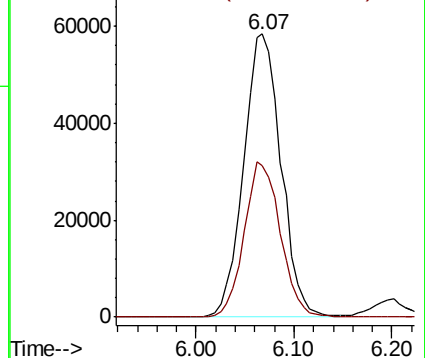
65 100

67 53.0 0.0 107.4



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: VX005041.D

Acq: 05 Oct 2018 01:23

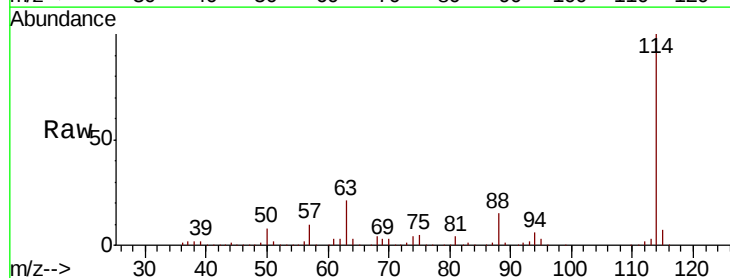
Tgt Ion: 114 Resp: 326511

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

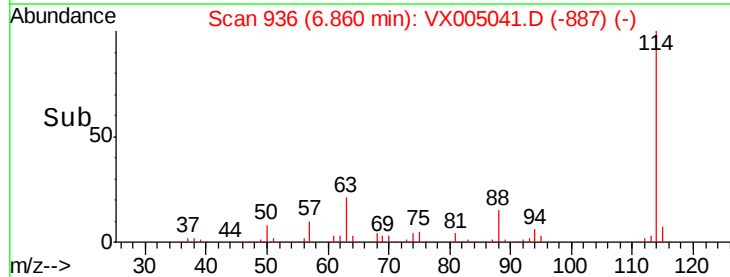
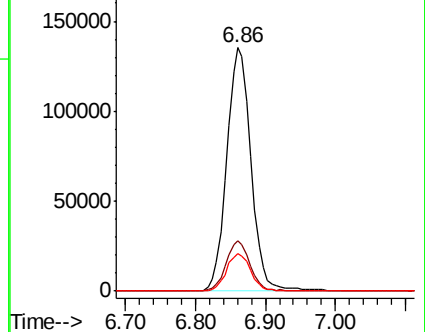
88 15.5 0.0 27.0

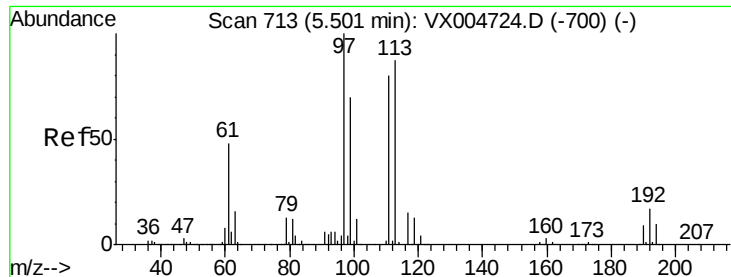


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

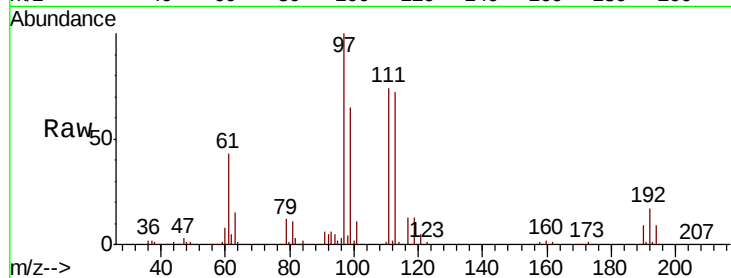




#35
 Dibromofluoromethane
 Concen: 45.192 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	77.0	115.4
192	23.7	17.0	25.6

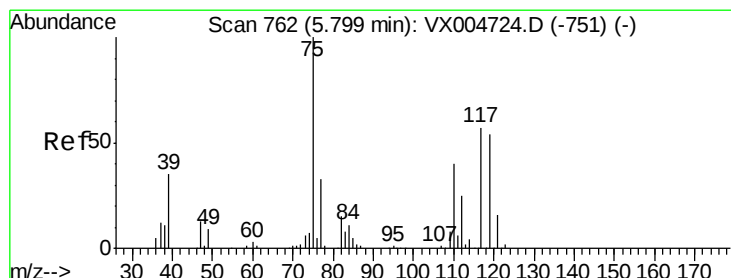
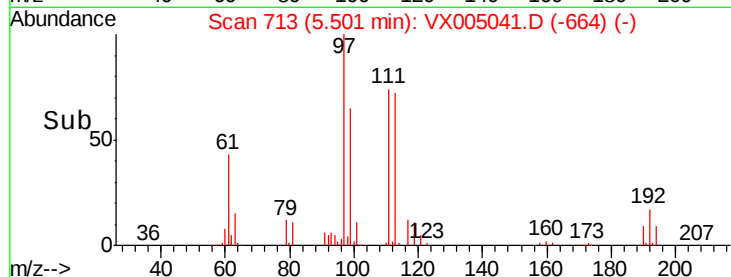
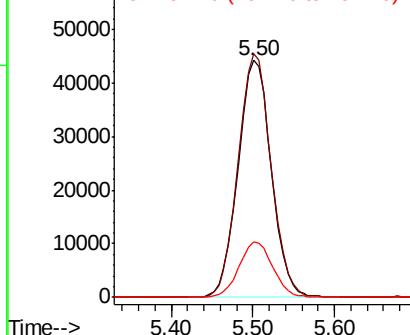


Abundance

Ion 112.80 (112.50 to 113.50): V

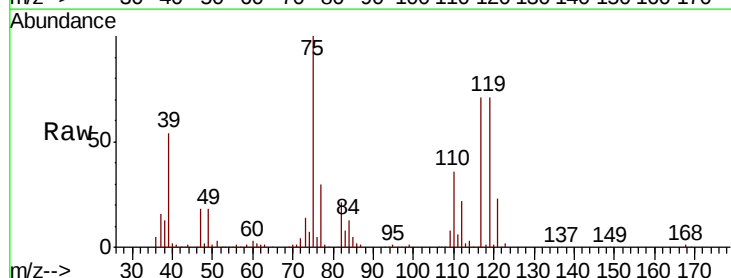
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 46.916 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	20.0	59.9
77	30.6	27.1	40.7

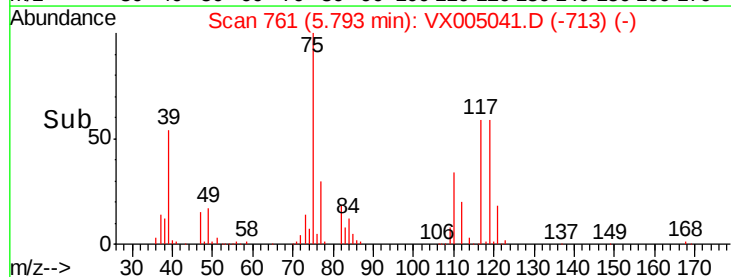
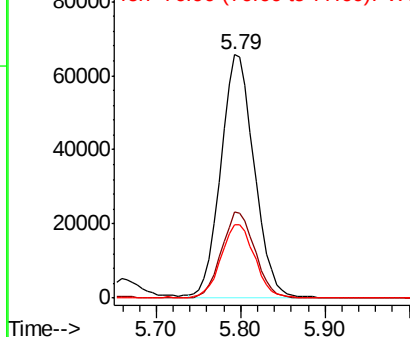


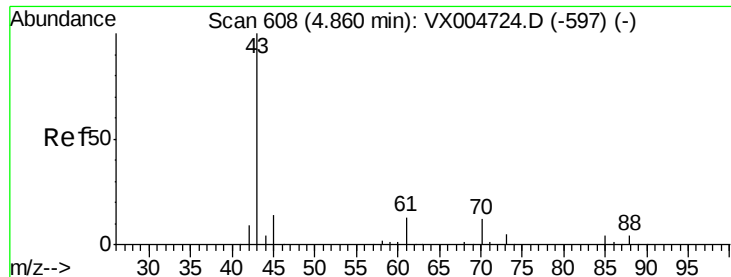
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.677 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

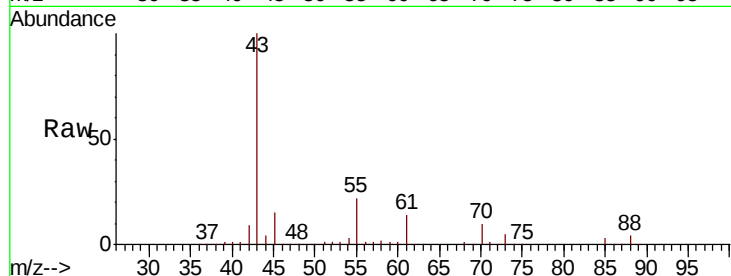
Tot Ion: 43 Resp: 243954

Ion Ratio Lower Upper

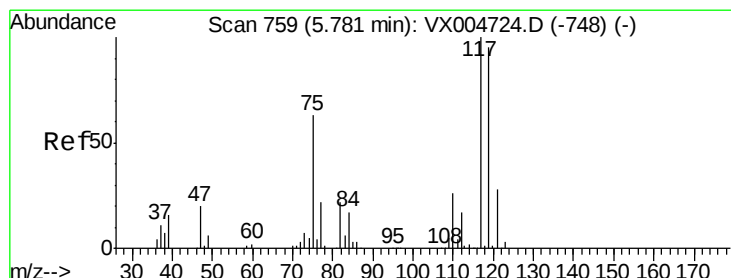
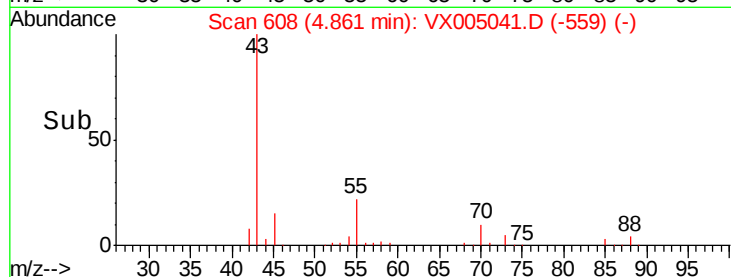
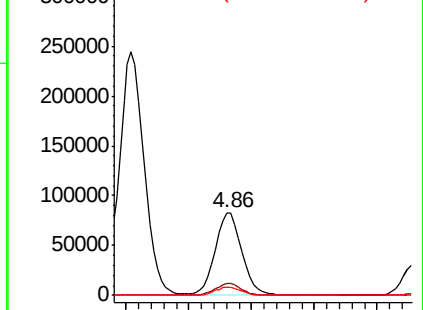
43 100

61 14.0 10.4 15.6

70 10.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 45.099 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

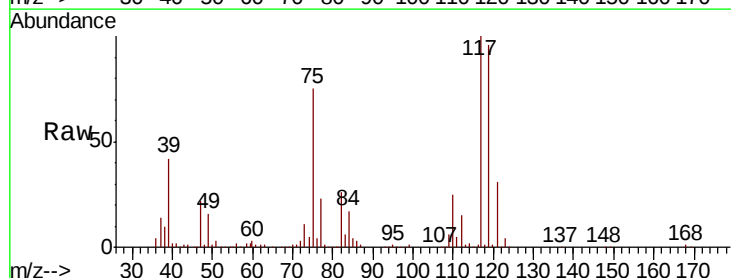
Tgt Ion: 117 Resp: 178987

Ion Ratio Lower Upper

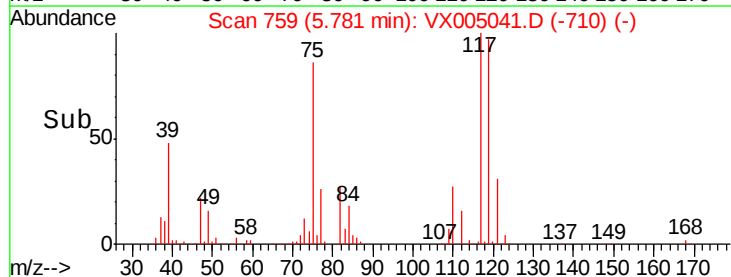
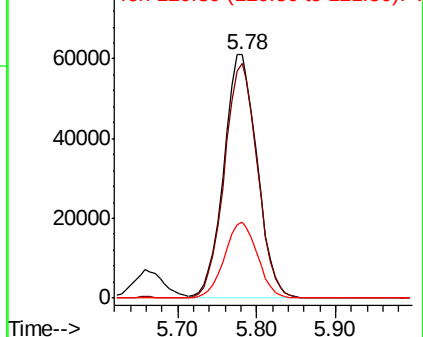
117 100

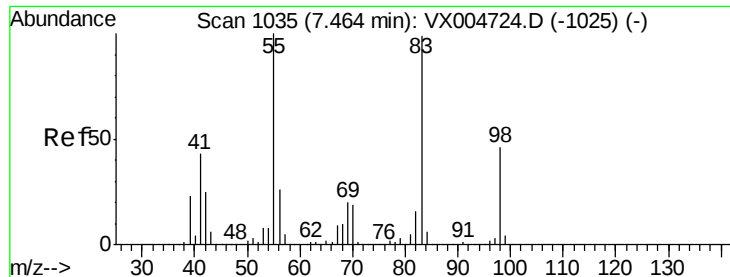
119 96.3 75.2 112.8

121 30.9 22.5 33.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

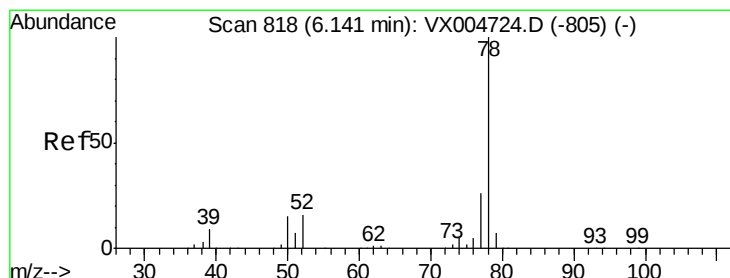
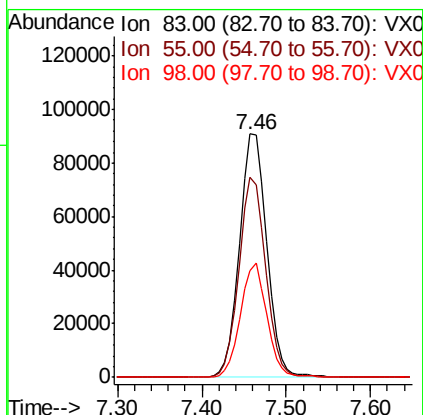
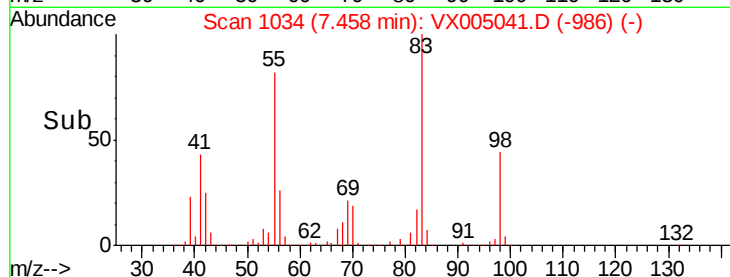
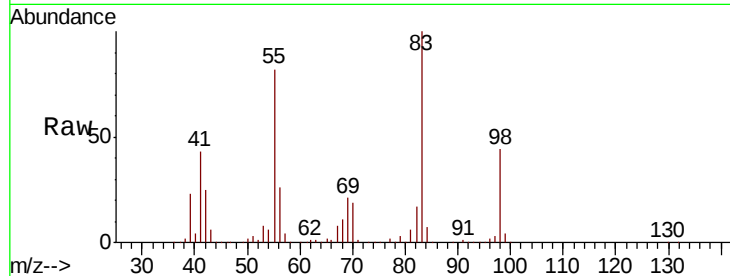




#39
Methvlcvclohexane
Concen: 51.410 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

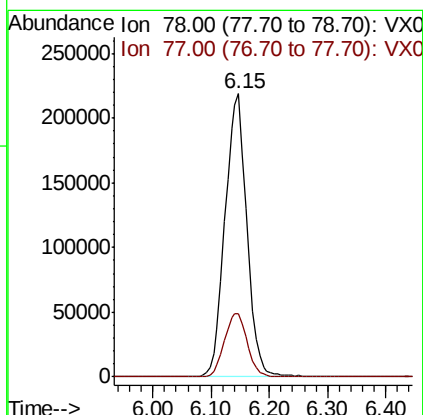
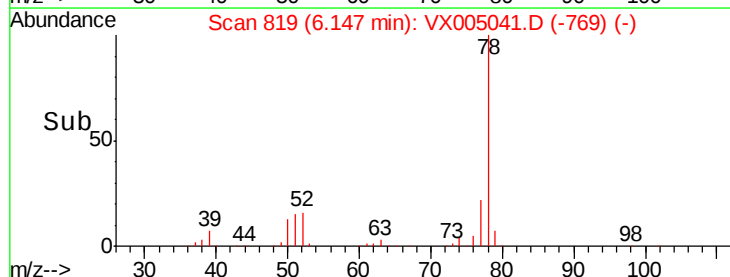
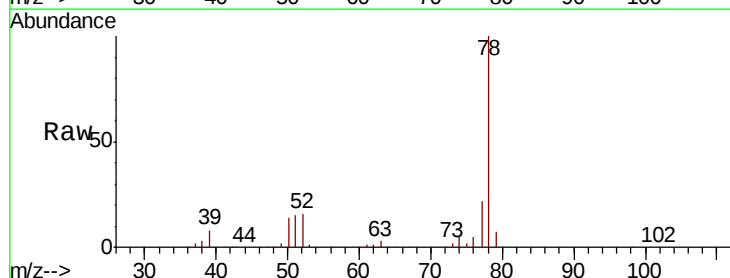
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

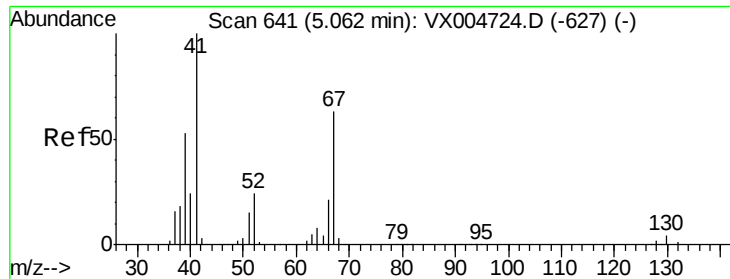
Tot Ion: 83 Resp: 198197
Ion Ratio Lower Upper
83 100
55 82.1 81.1 121.7
98 43.7 37.3 55.9



#40
Benzene
Concen: 48.274 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 78 Resp: 570594
Ion Ratio Lower Upper
78 100
77 22.5 21.0 31.4

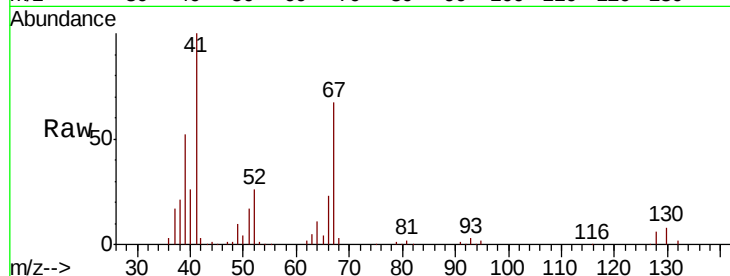




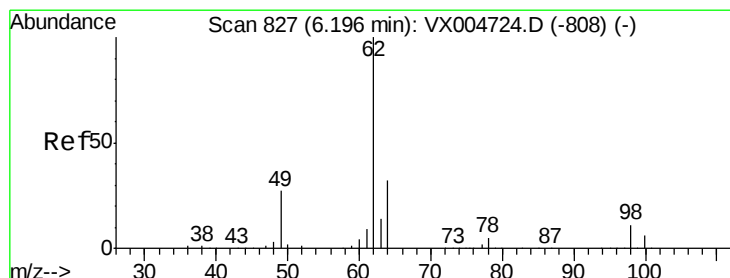
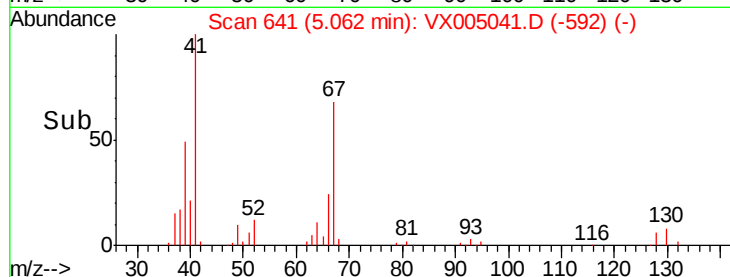
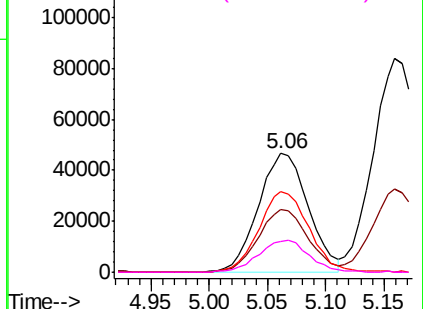
#41
Methacrylonitrile
Concen: 49.626 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	137926
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.5	63.7
67	68.6	53.0	79.6
52	26.9	19.8	29.8

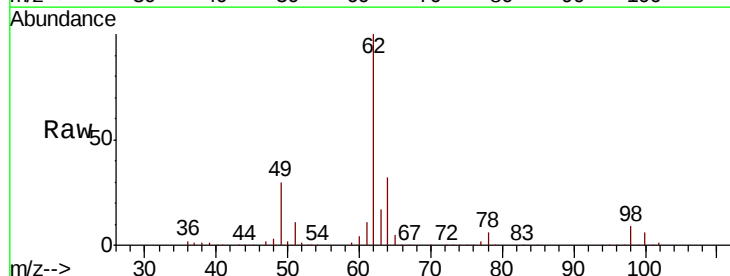


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

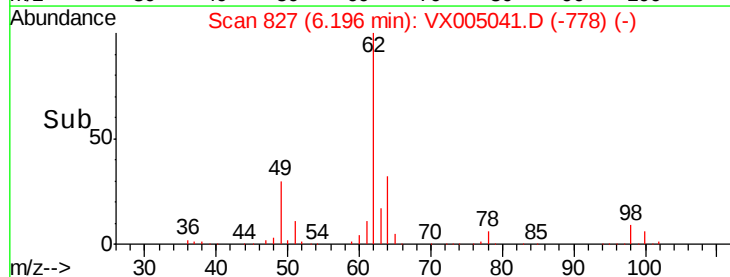
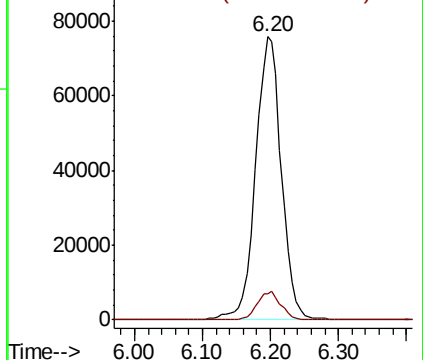


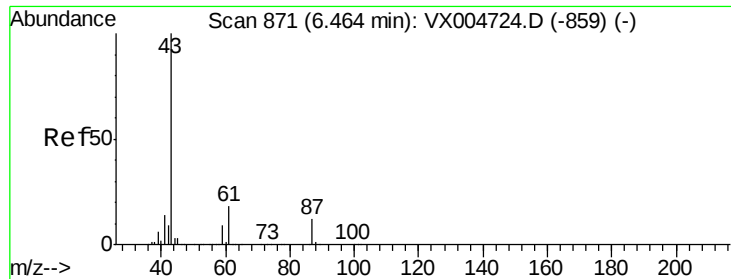
#42
1,2-Dichloroethane
Concen: 48.071 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion:	62	Resp:	200862
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2



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



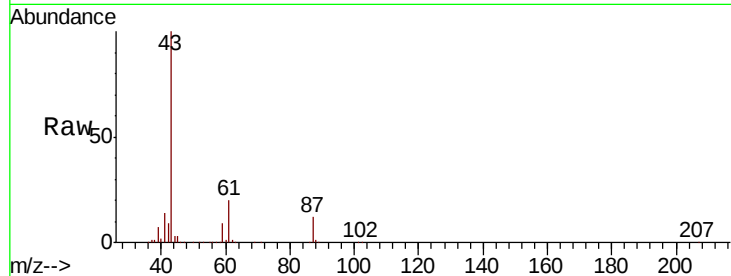


#43

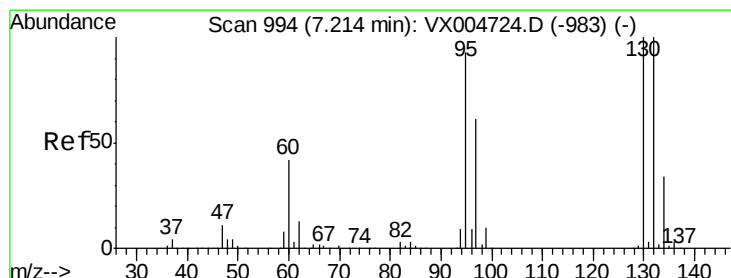
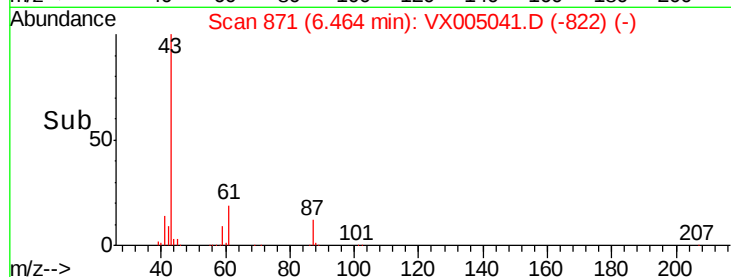
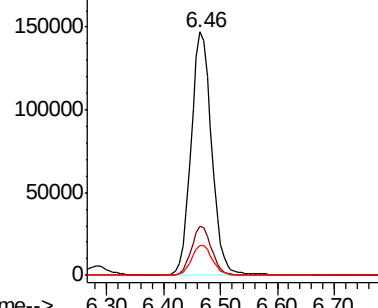
Isopropyl Acetate
 Concen: 51.062 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	369362
Ion Ratio	Lower	Upper	
43	100		
61	19.7	14.2	21.4
87	12.4	9.3	13.9



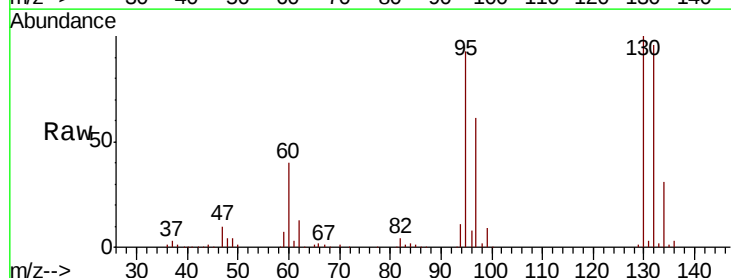
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



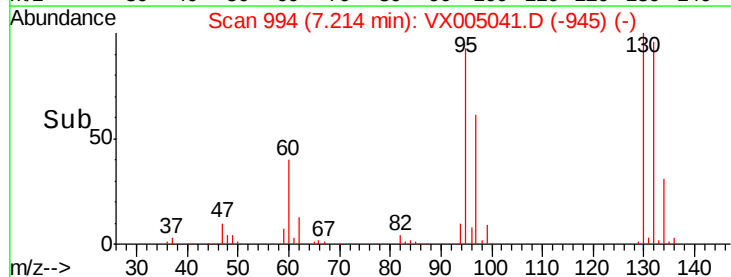
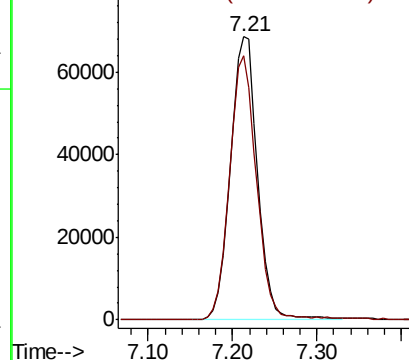
#44

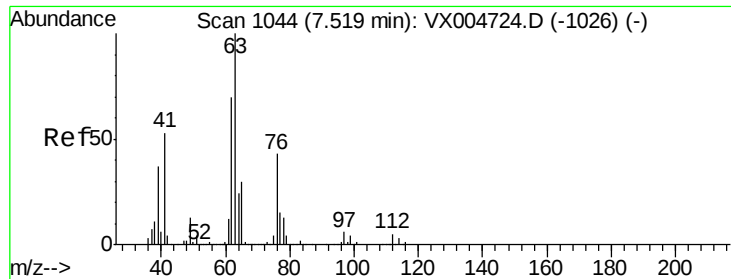
Trichloroethene
 Concen: 51.673 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion	130	Resp	150146
Ion Ratio	Lower	Upper	
130	100		
95	93.3	0.0	186.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

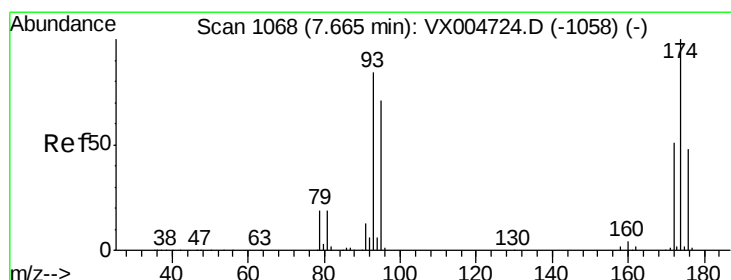
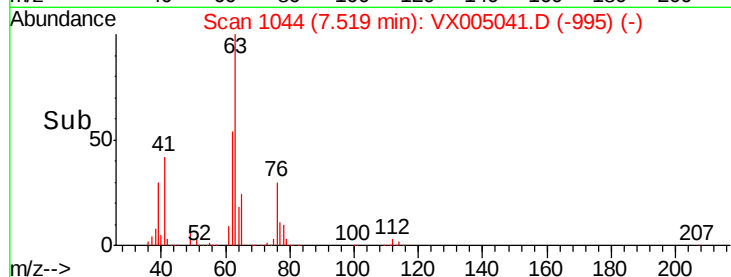
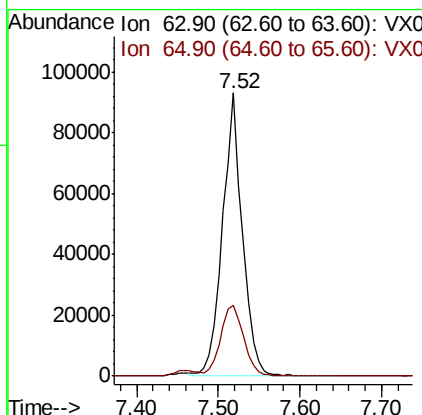
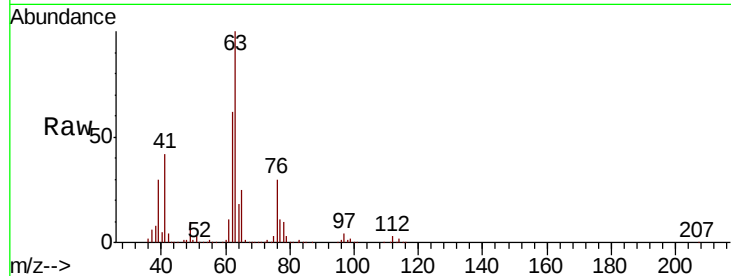




#45
 1,2-Dichloropropane
 Concen: 54.354 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

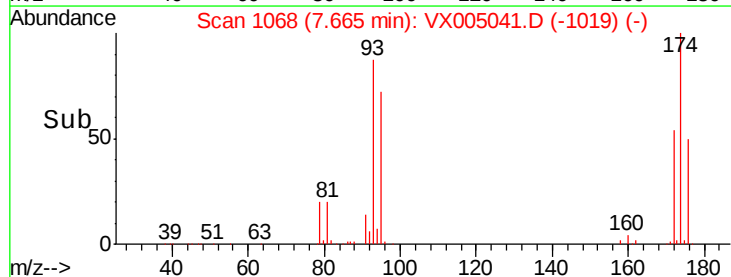
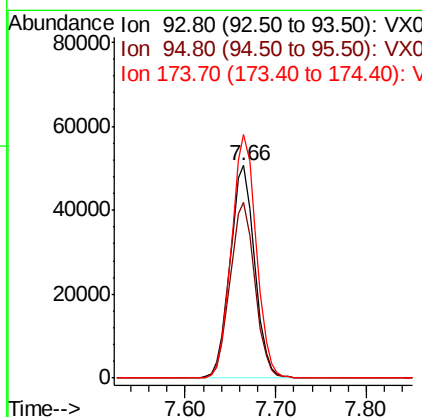
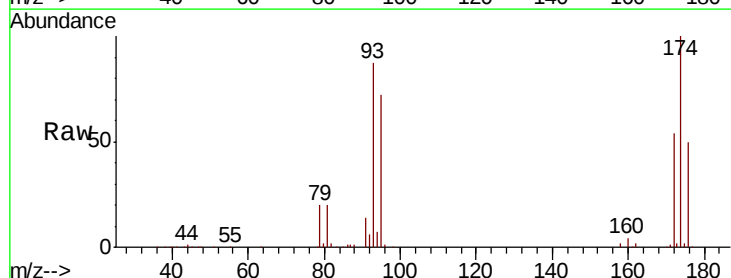
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

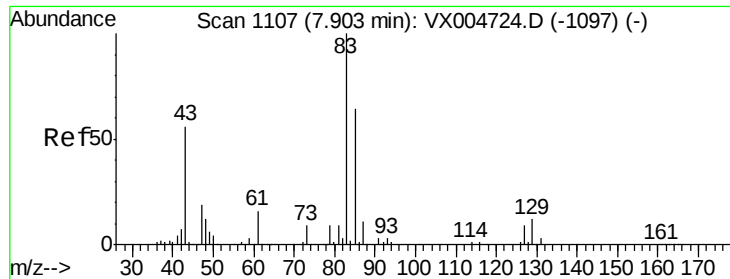
Tot Ion: 63 Resp: 157551
 Ion Ratio Lower Upper
 63 100
 65 25.2 23.9 35.9



#46
 Dibromomethane
 Concen: 52.359 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion: 93 Resp: 95381
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.7 100.1
 174 115.4 92.7 139.1





#47

Bromodichloromethane

Concen: 54.040 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

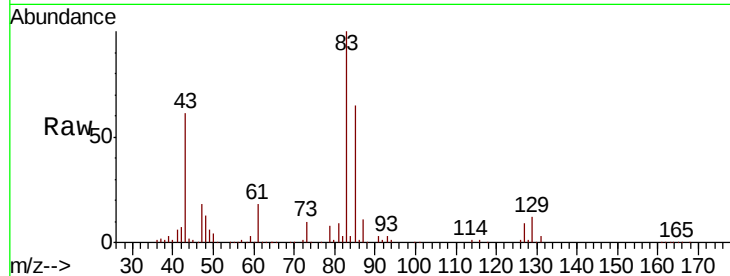
Tot Ion: 83 Resp: 184314

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

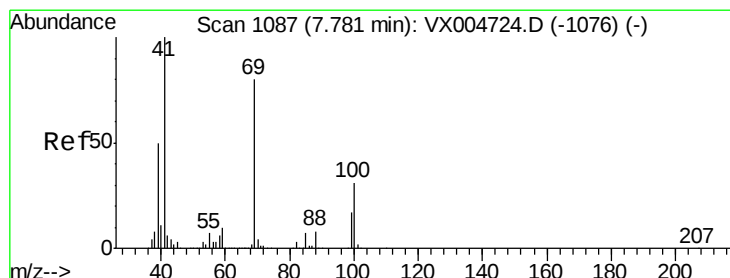
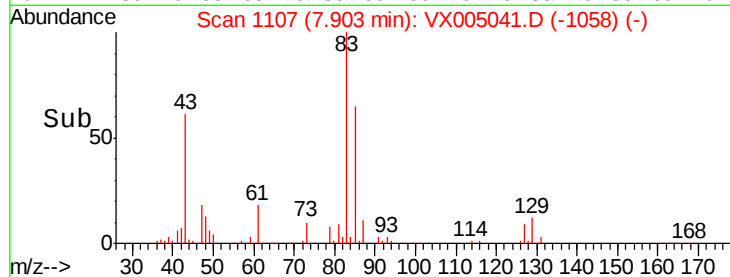
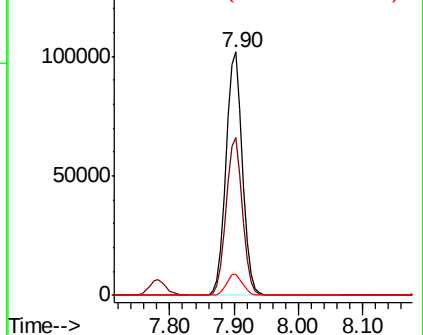
127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 58.537 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

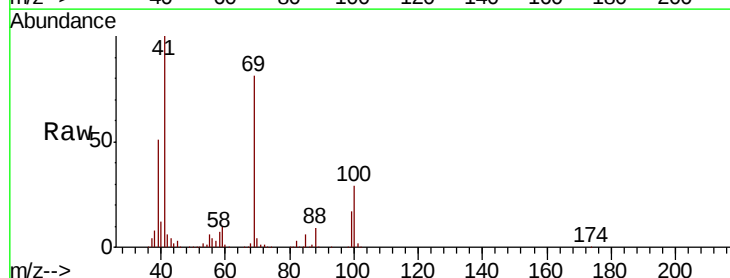
Tgt Ion: 41 Resp: 192188

Ion Ratio Lower Upper

41 100

69 81.1 63.8 95.6

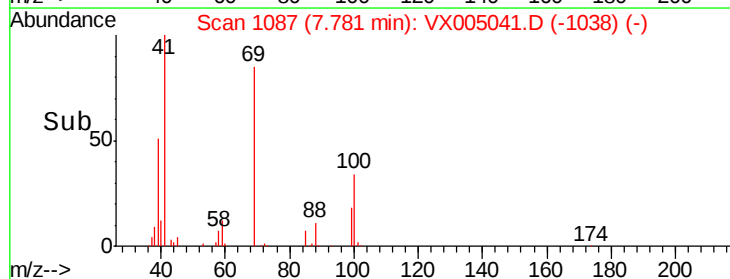
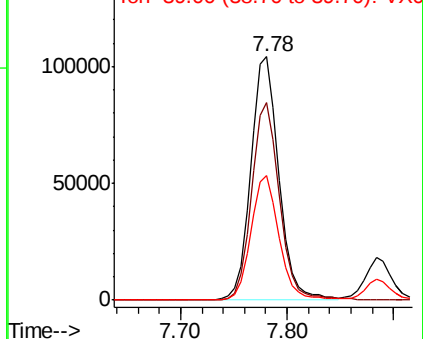
39 51.5 40.7 61.1

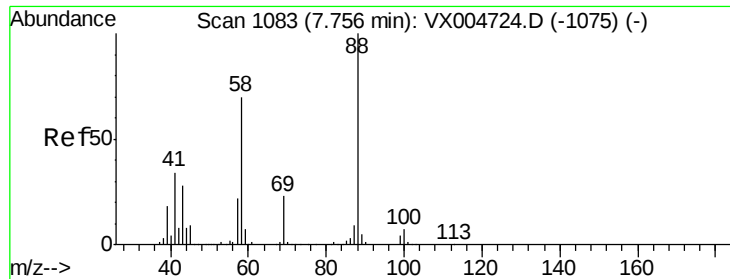


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

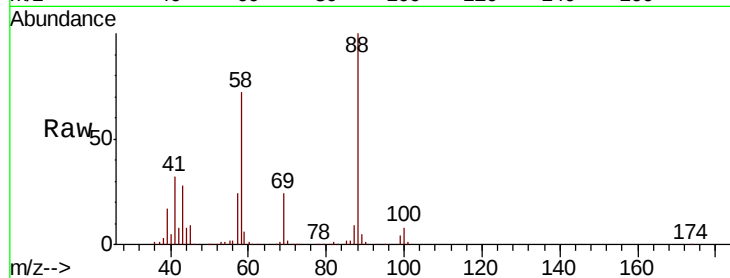




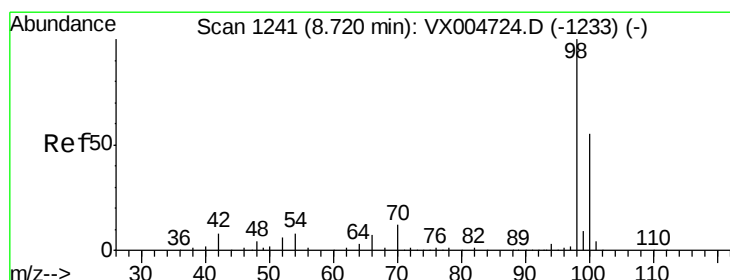
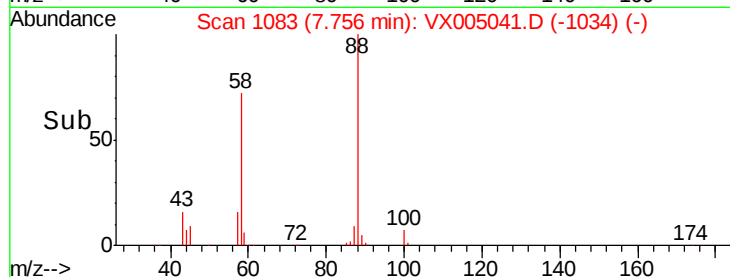
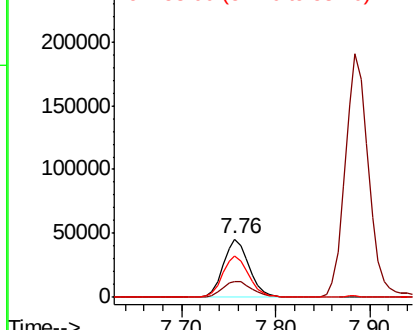
#49
1,4-Dioxane
Concen: 1055.950 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 86131
Ion Ratio Lower Upper
88 100
43 32.5 25.1 37.7
58 73.6 56.2 84.2

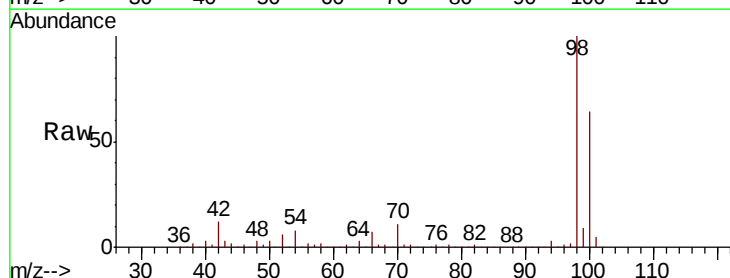


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

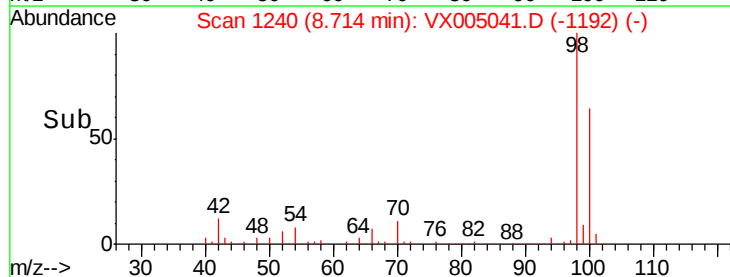
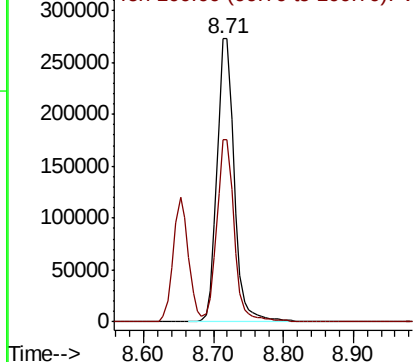


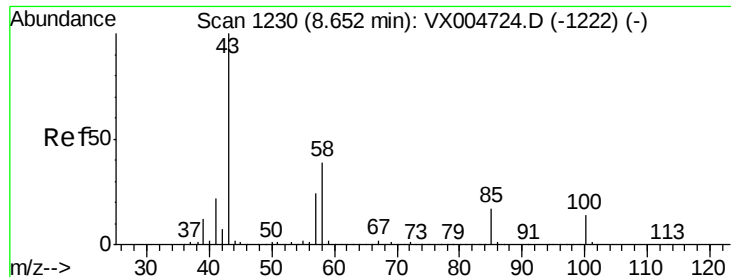
#50
Toluene-d8
Concen: 51.090 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 98 Resp: 470012
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

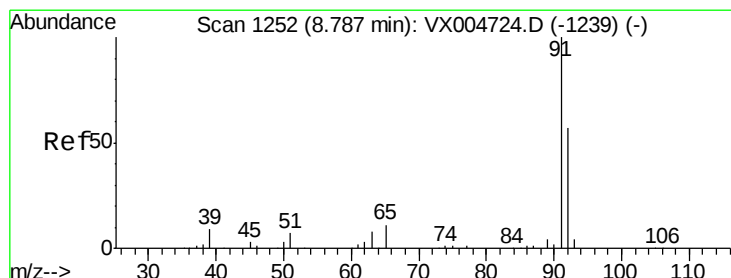
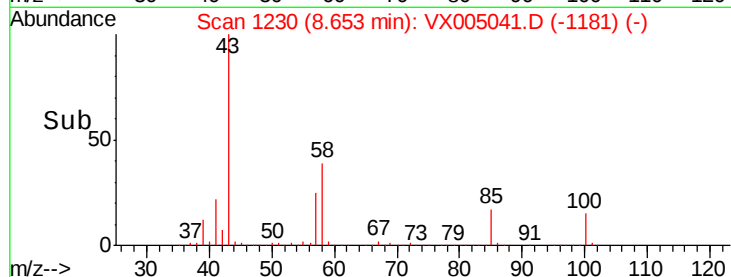
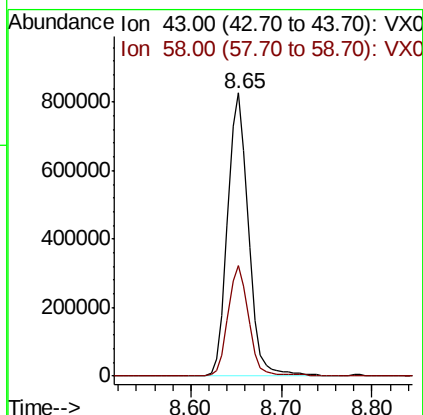
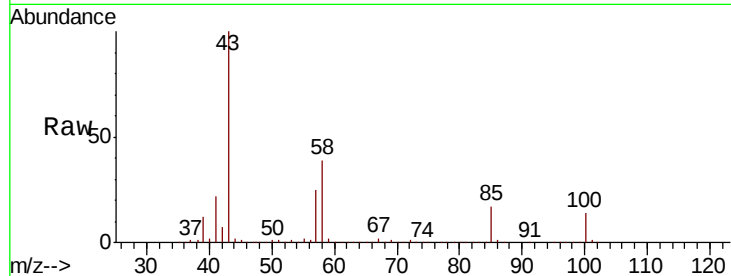




#51
4-Methyl-2-Pentanone
Concen: 290.764 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

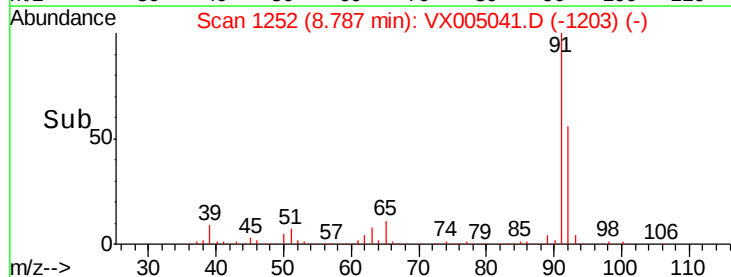
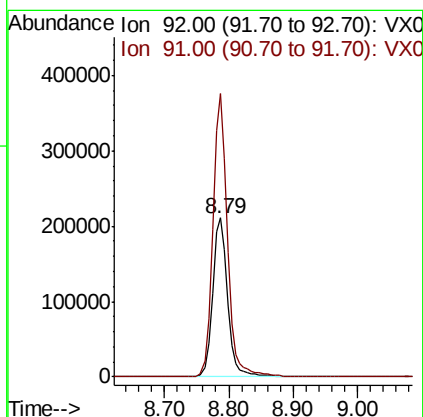
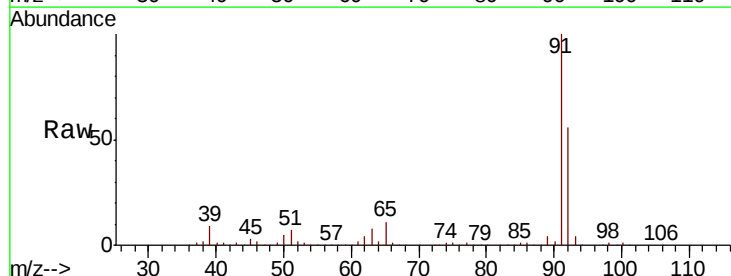
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

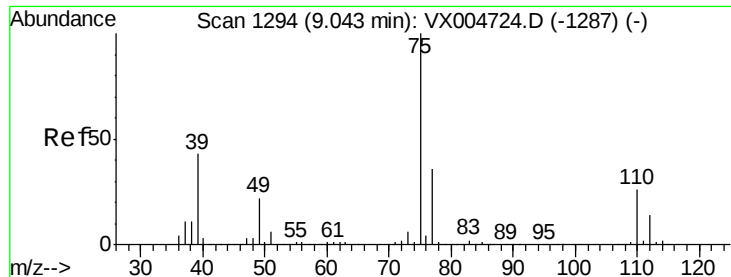
Tot Ion: 43 Resp: 1324304
Ion Ratio Lower Upper
43 100
58 39.0 30.5 45.7



#52
Toluene
Concen: 53.053 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 92 Resp: 344574
Ion Ratio Lower Upper
92 100
91 173.6 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 52.526 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

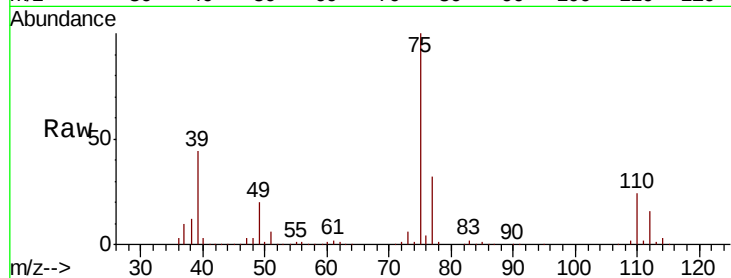
VSTDCCC050EC

Tot Ion: 75 Resp: 202447

Ion Ratio Lower Upper

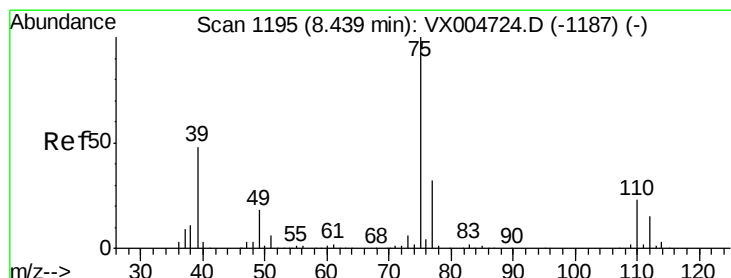
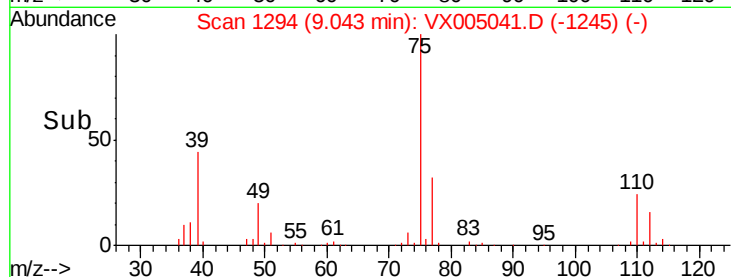
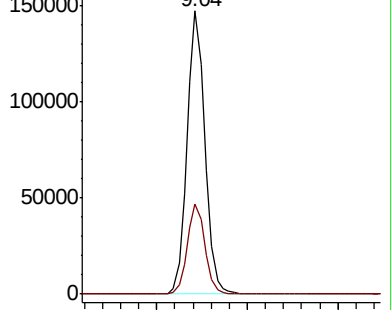
75 100

77 31.9 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 54.264 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

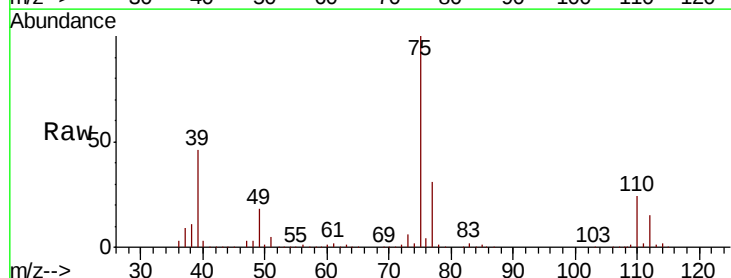
Tgt Ion: 75 Resp: 219060

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

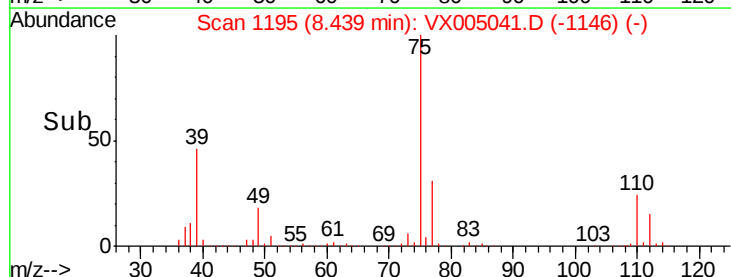
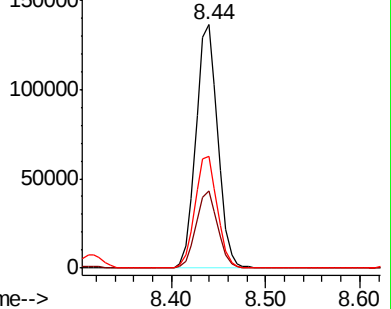
39 46.0 38.3 57.5

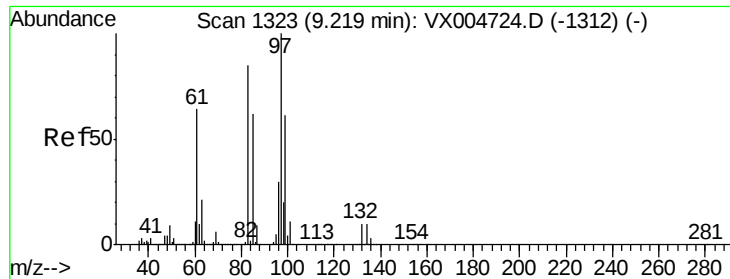


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

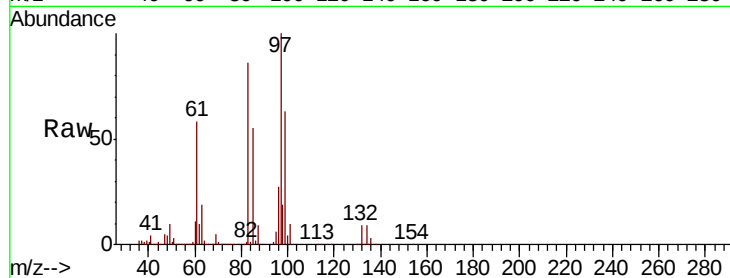




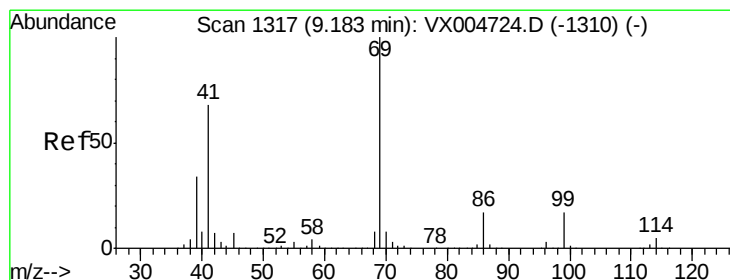
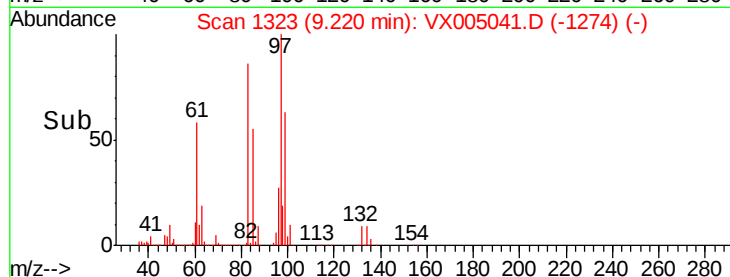
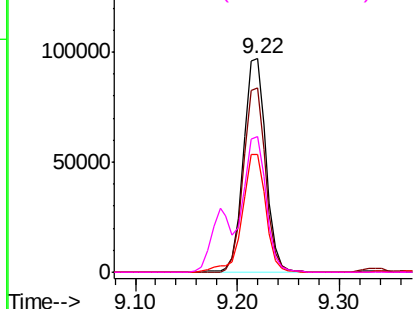
#55
 1,1,2-Trichloroethane
 Concen: 52.012 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 147973
 Ion Ratio Lower Upper
 97 100
 83 86.1 68.2 102.2
 85 55.0 49.9 74.9
 99 63.4 48.9 73.3

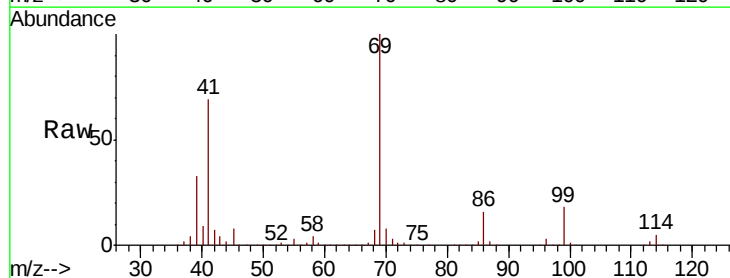


Abundance Ion 96.90 (96.60 to 97.60): VX0
 150000 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

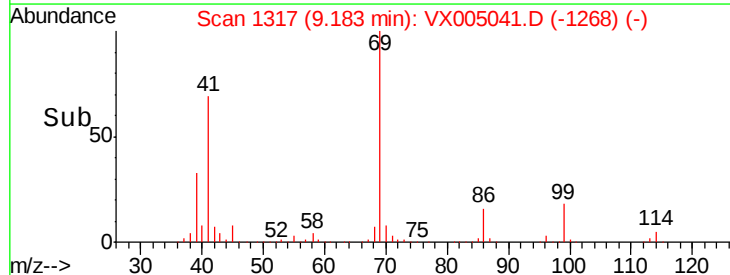
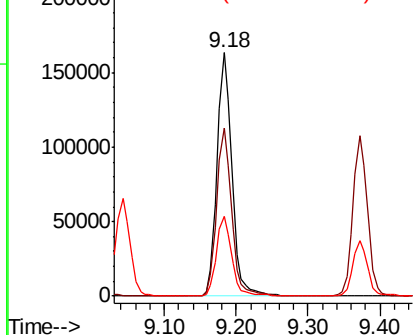


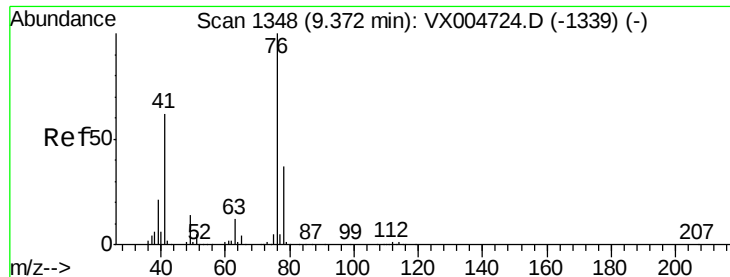
#56
 Ethyl methacrylate
 Concen: 50.842 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion: 69 Resp: 234953
 Ion Ratio Lower Upper
 69 100
 41 69.1 56.9 85.3
 39 33.3 28.4 42.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 200000 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.690 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

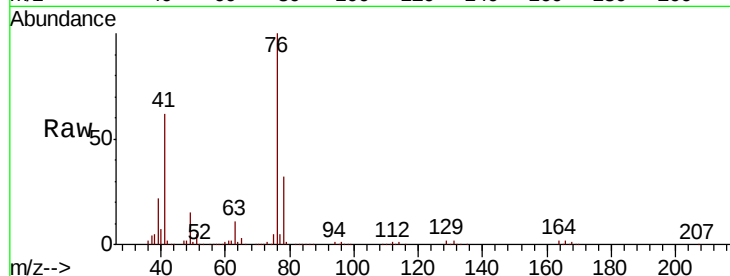
VSTDCCC050EC

Tot Ion: 76 Resp: 244750

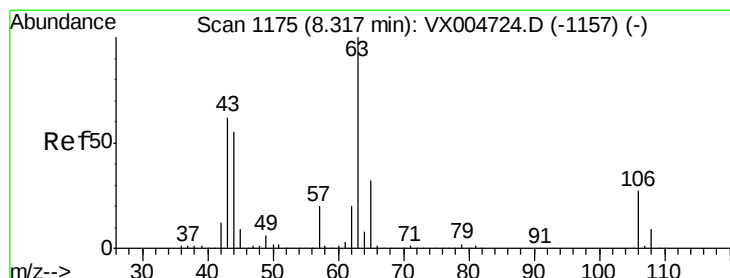
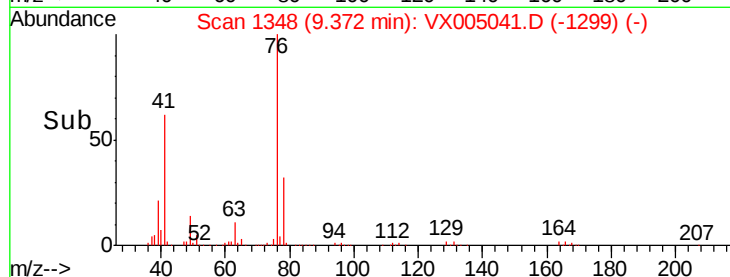
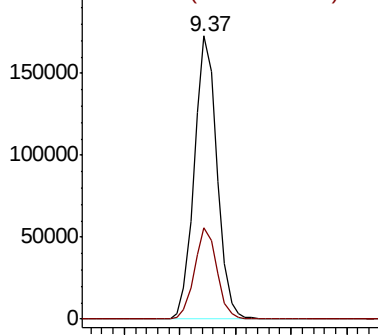
Ion Ratio Lower Upper

76 100

78 31.9 26.6 40.0



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: 260.361 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005041.D

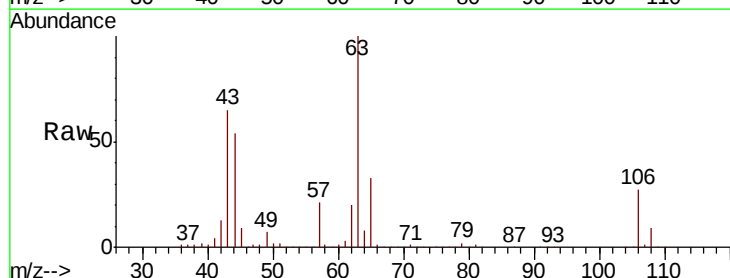
Acq: 05 Oct 2018 01:23

Tgt Ion: 63 Resp: 639772

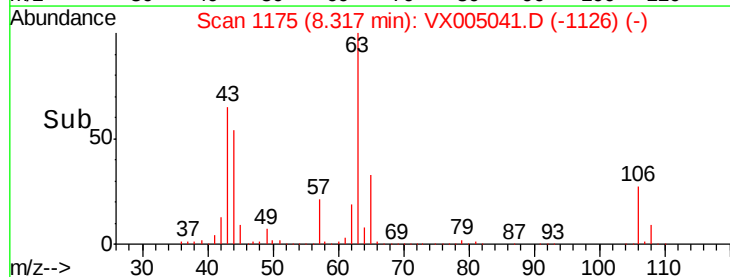
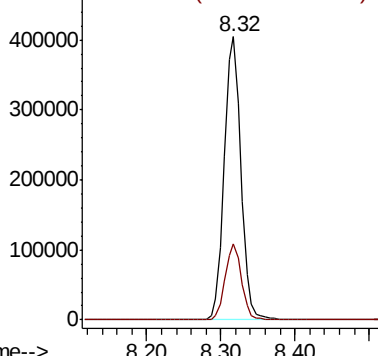
Ion Ratio Lower Upper

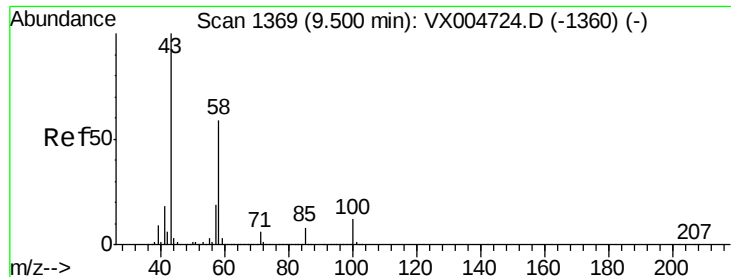
63 100

106 26.4 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

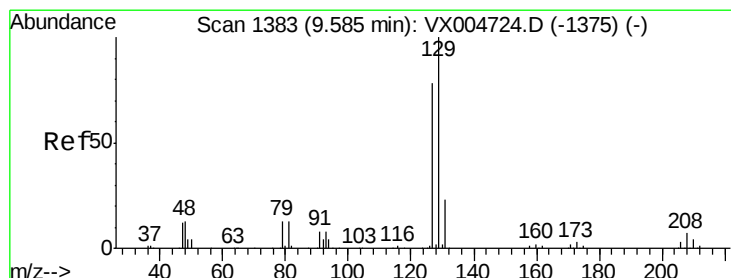
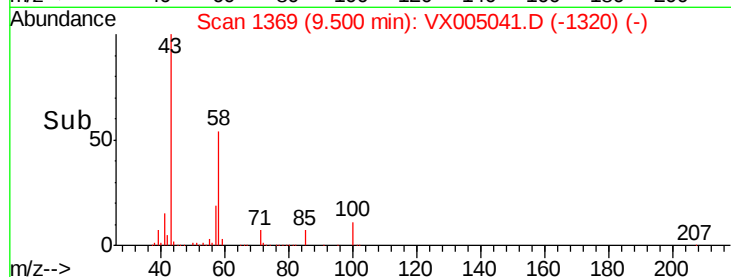
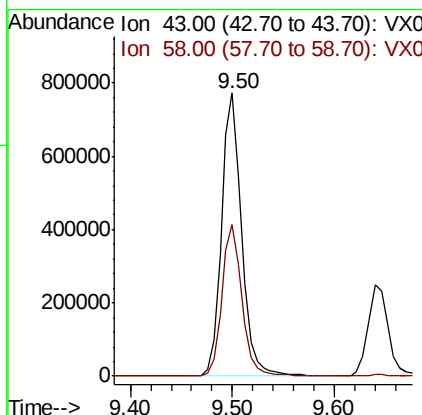
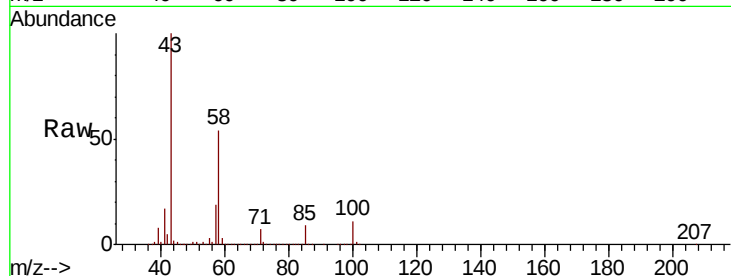




#59
2-Hexanone
Concen: 279.182 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

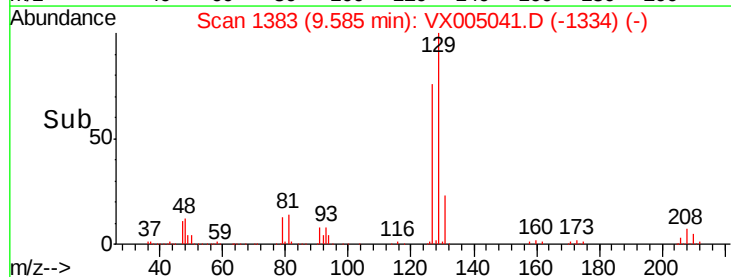
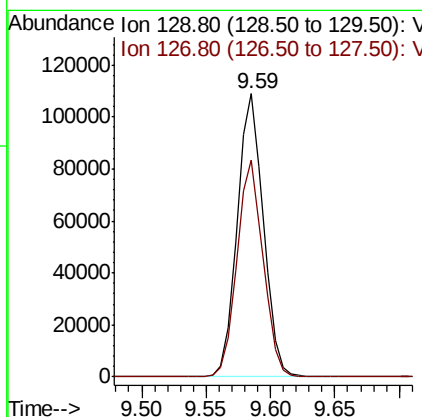
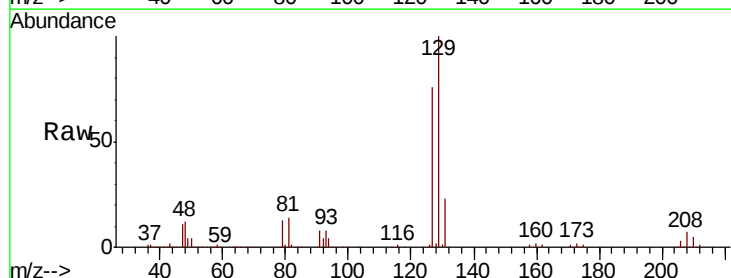
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

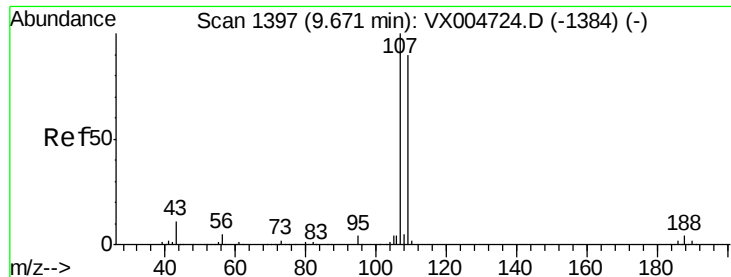
Tot Ion: 43 Resp: 1059607
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3



#60
Dibromochloromethane
Concen: 53.830 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 129 Resp: 153156
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.747 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

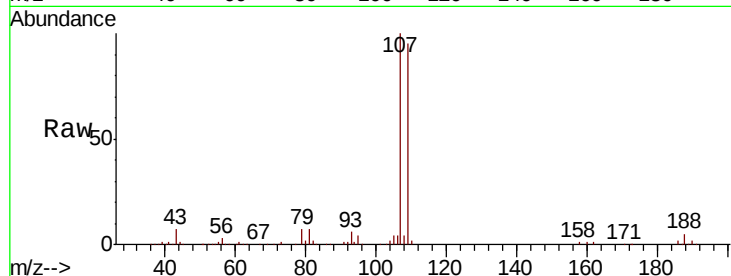
VSTDCCC050EC

Tot Ion:107 Resp: 151570

Ion Ratio Lower Upper

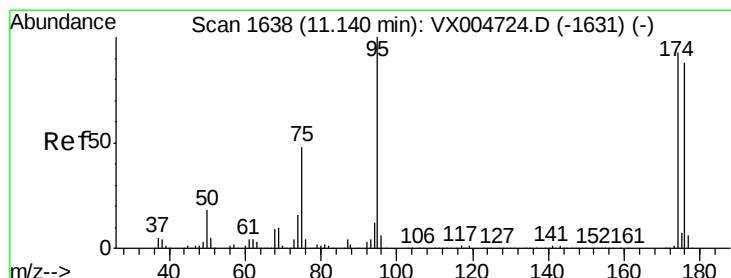
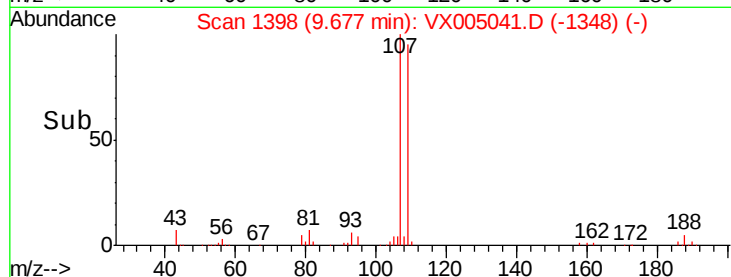
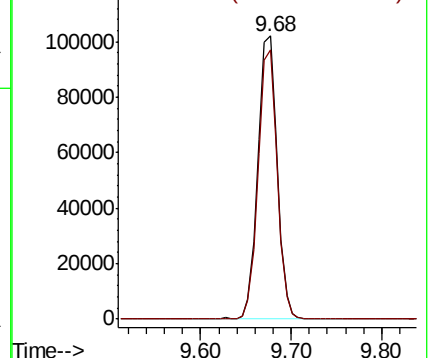
107 100

109 94.2 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.164 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

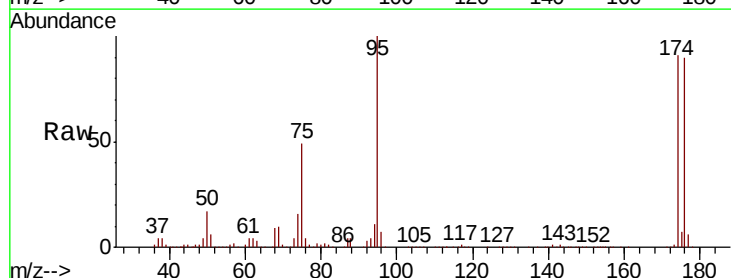
Tgt Ion: 95 Resp: 179510

Ion Ratio Lower Upper

95 100

174 90.5 0.0 185.0

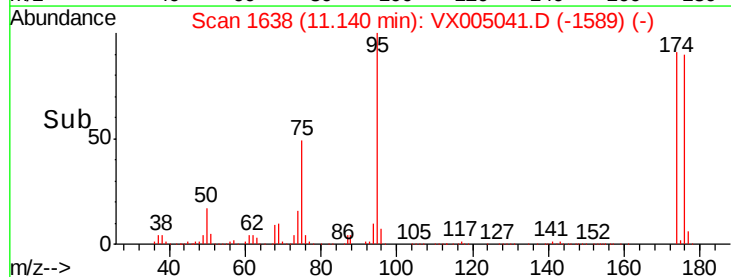
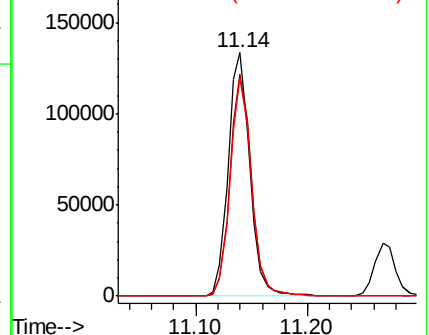
176 87.8 0.0 180.2

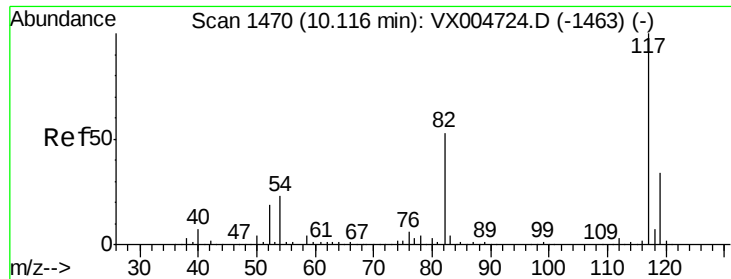


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

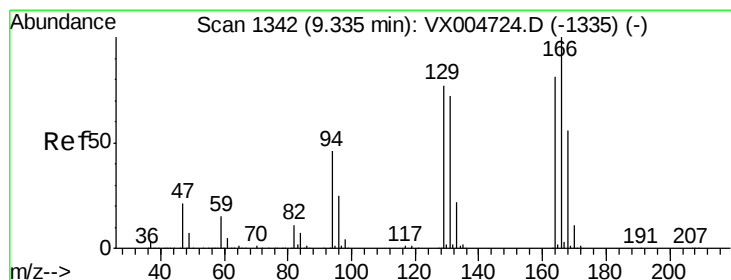
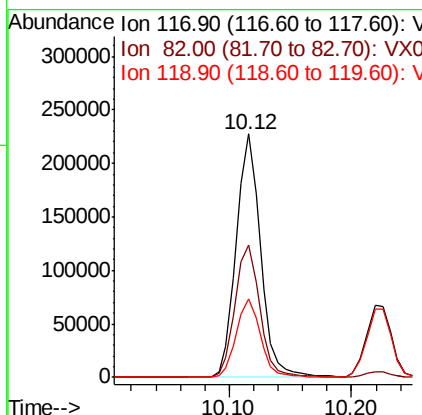
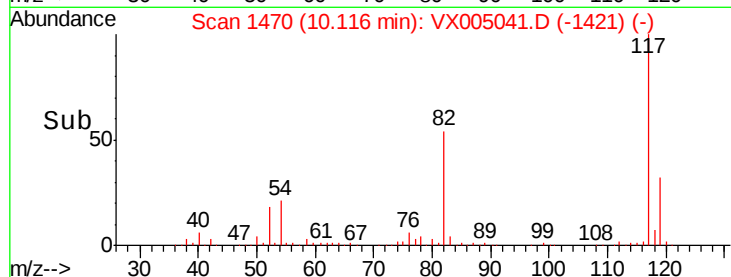
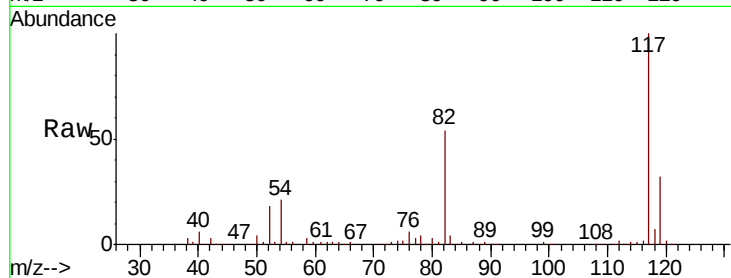




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

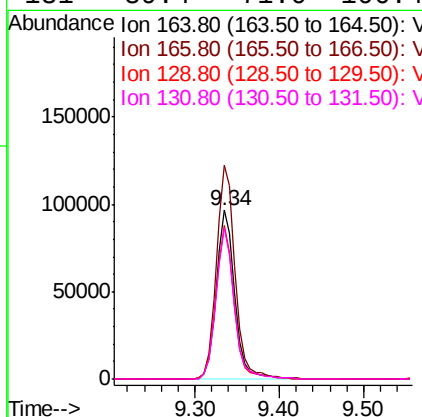
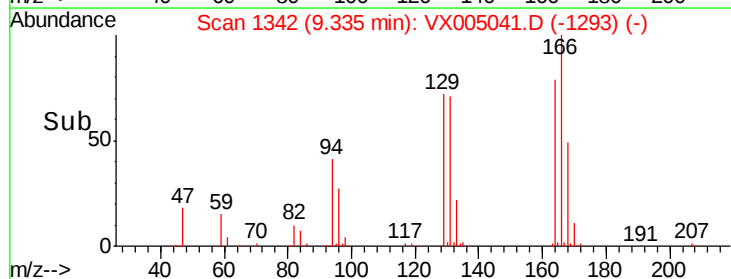
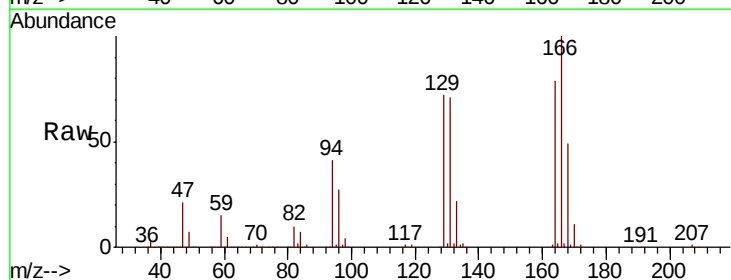
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

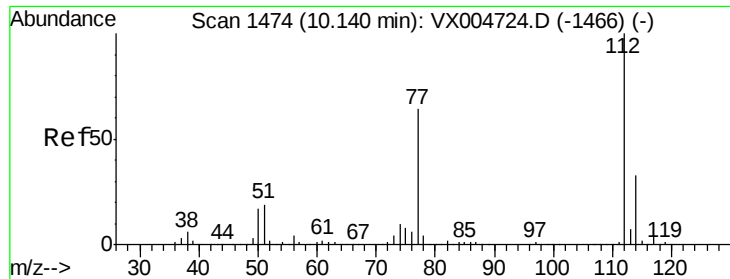
Tot Ion:117 Resp: 313850
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 32.0 27.4 41.0



#64
Tetrachloroethene
Concen: 47.302 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion:164 Resp: 146114
Ion Ratio Lower Upper
164 100
166 126.5 98.4 147.6
129 90.8 76.1 114.1
131 89.4 71.0 106.4

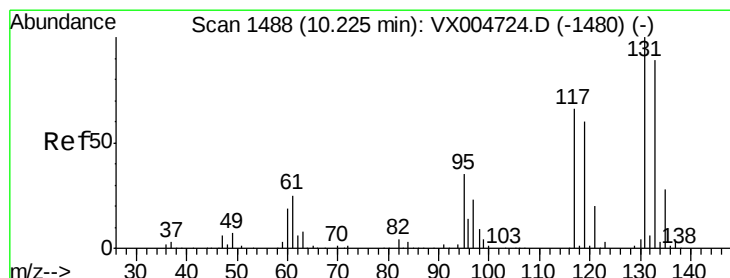
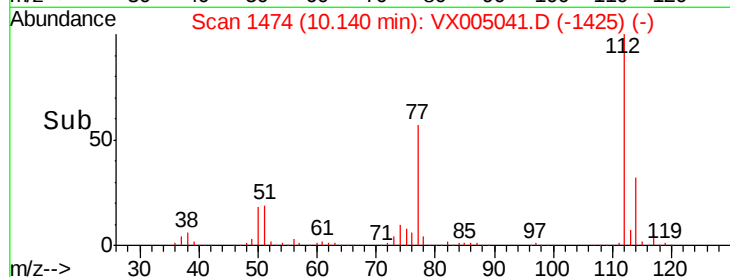
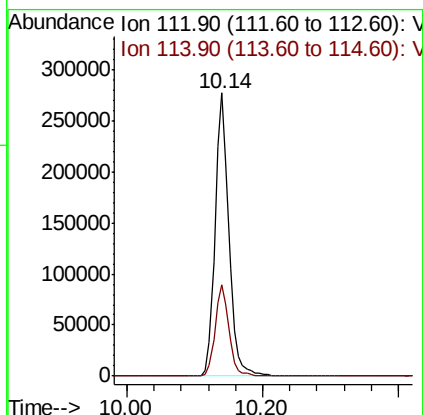
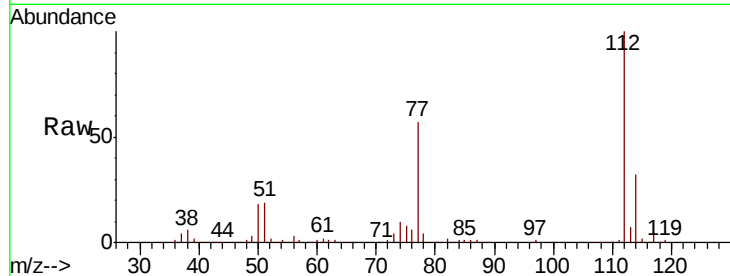




#65
Chlorobenzene
Concen: 48.507 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

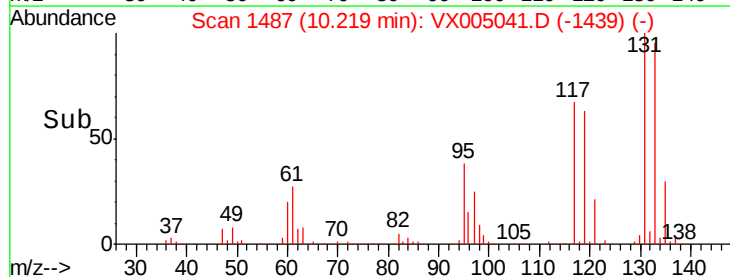
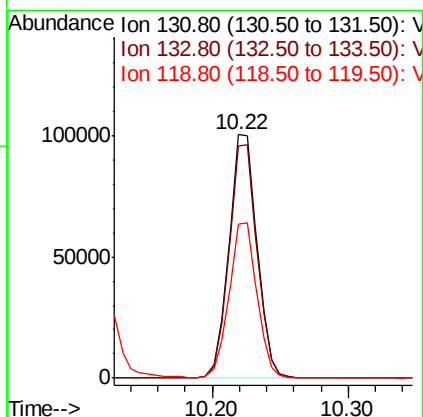
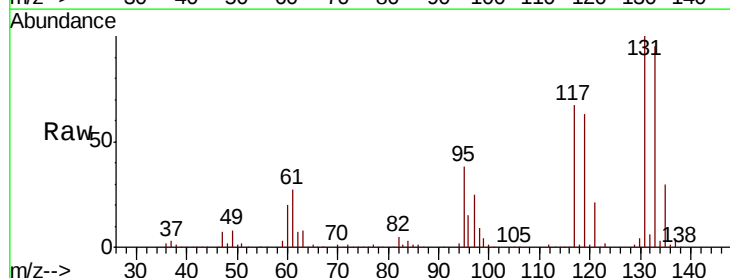
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

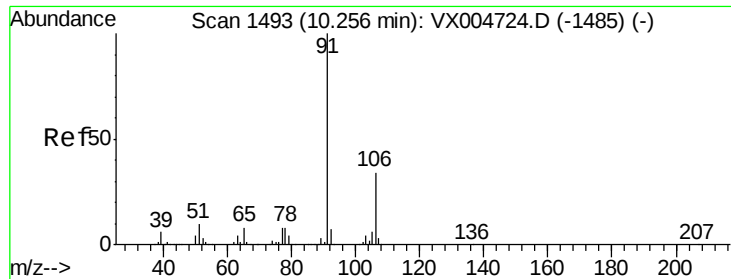
Tot Ion:112 Resp: 390381
Ion Ratio Lower Upper
112 100
114 32.4 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.819 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion:131 Resp: 143784
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 63.6 32.3 96.8





#67

Ethyl Benzene

Concen: 51.629 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

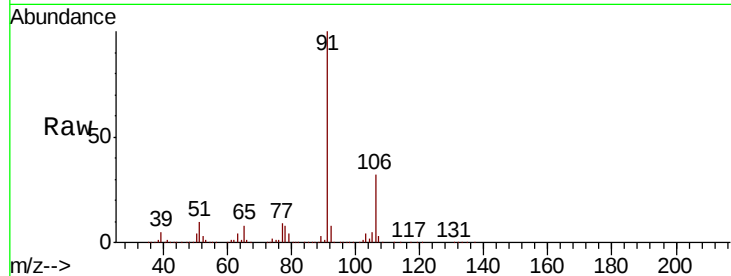
VSTDCCC050EC

Tot Ion: 91 Resp: 659674

Ion Ratio Lower Upper

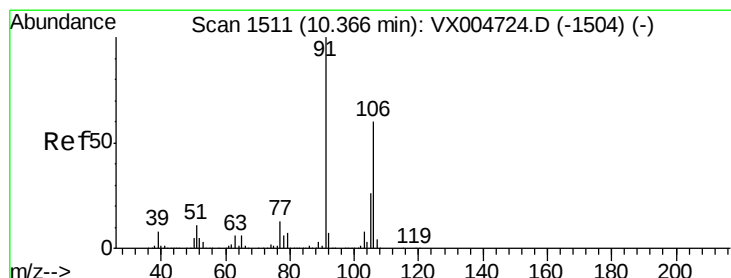
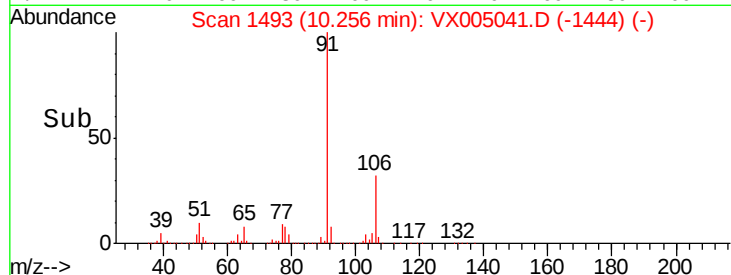
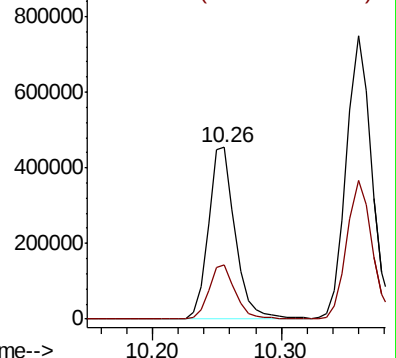
91 100

106 31.5 26.9 40.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.873 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005041.D

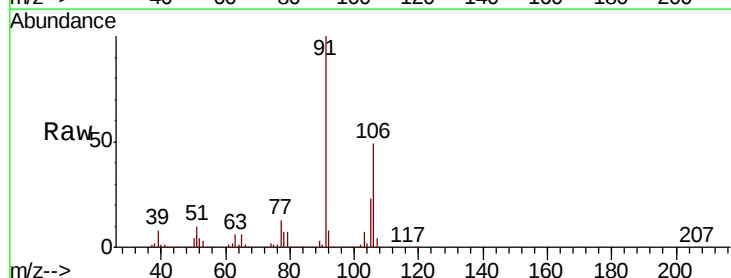
Acq: 05 Oct 2018 01:23

Tgt Ion: 106 Resp: 513643

Ion Ratio Lower Upper

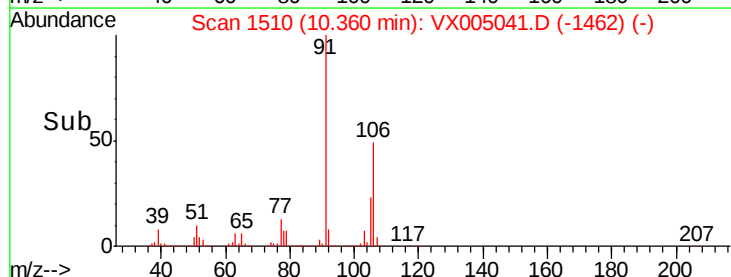
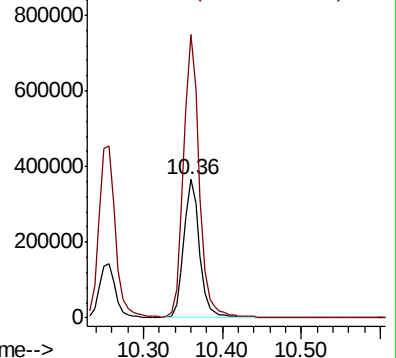
106 100

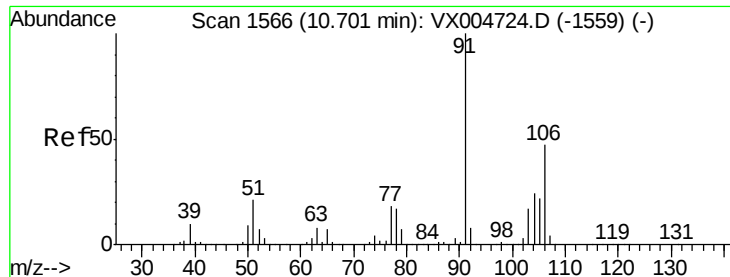
91 203.8 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

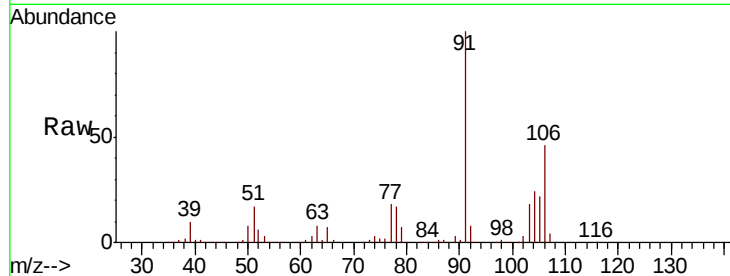




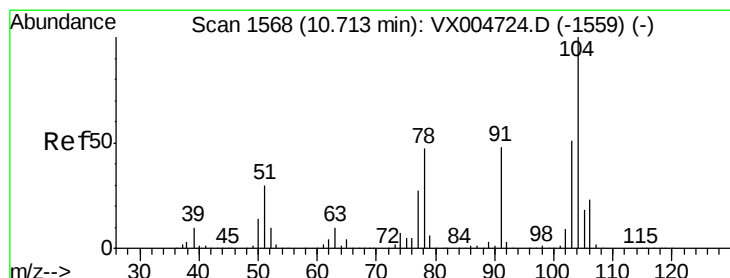
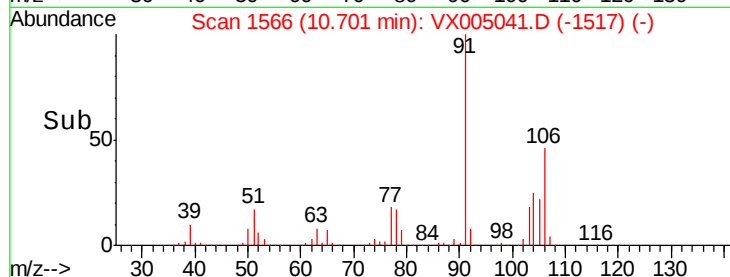
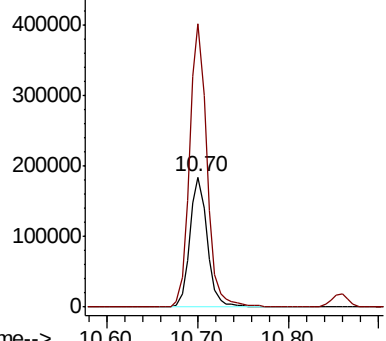
#69
o-Xylene
Concen: 54.491 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 249897
Ion Ratio Lower Upper
106 100
91 216.0 108.3 324.8

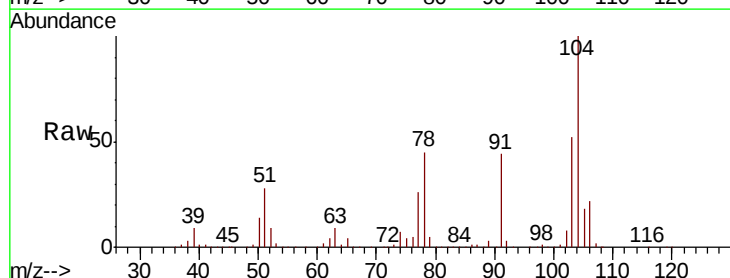


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

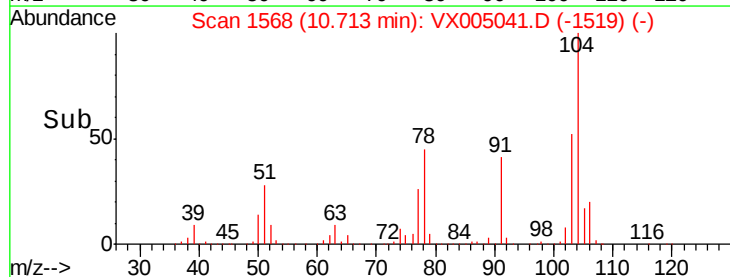
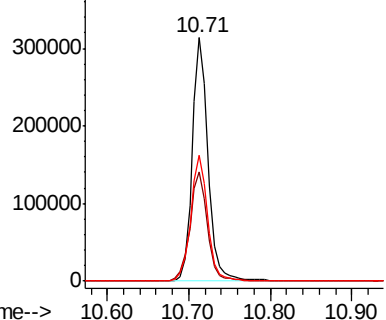


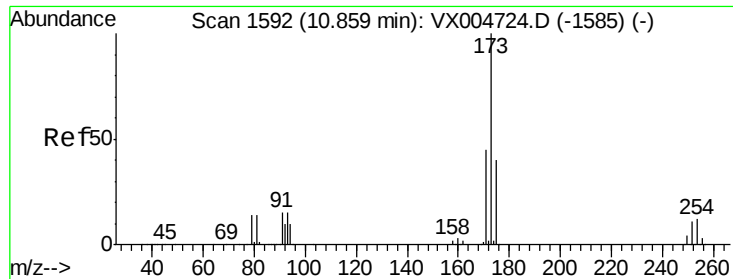
#70
Styrene
Concen: 49.464 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion:104 Resp: 424060
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.9 44.3 66.5



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





#71

Bromoform

Concen: 51.871 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

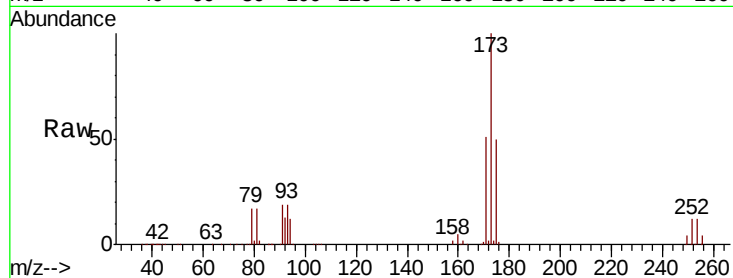
Tot Ion:173 Resp: 125645

Ion Ratio Lower Upper

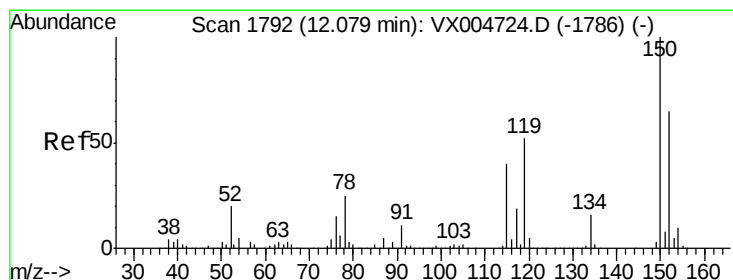
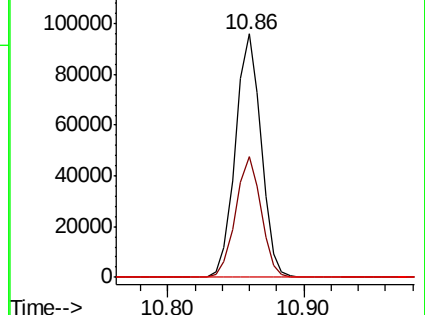
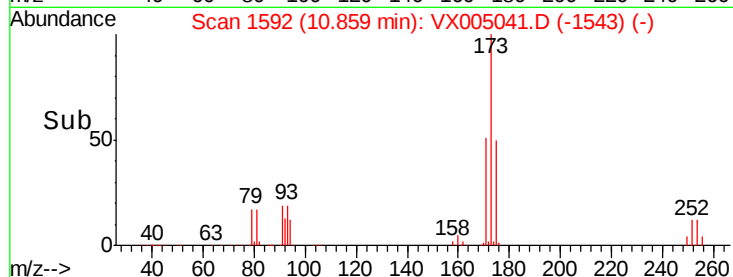
173 100

175 49.4 23.3 69.8

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: VX005041.D

Acq: 05 Oct 2018 01:23

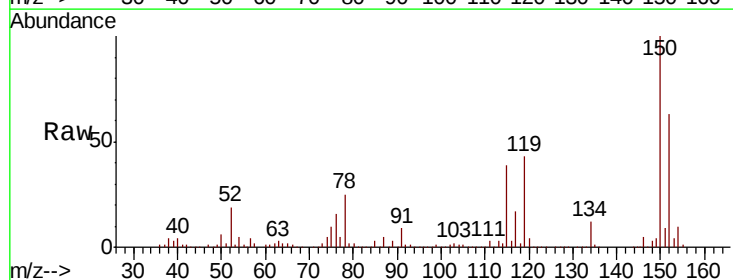
Tgt Ion:152 Resp: 193381

Ion Ratio Lower Upper

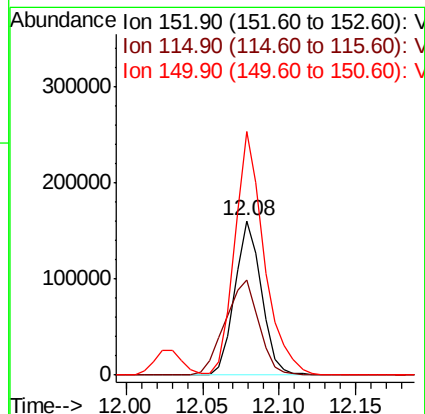
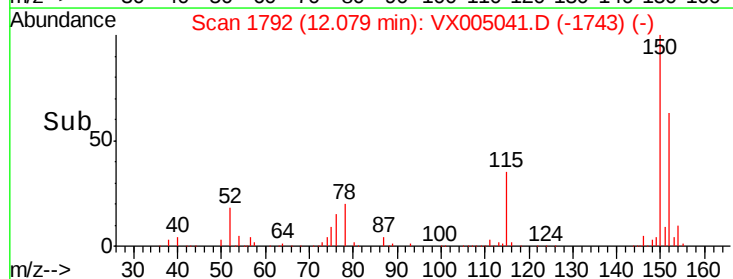
152 100

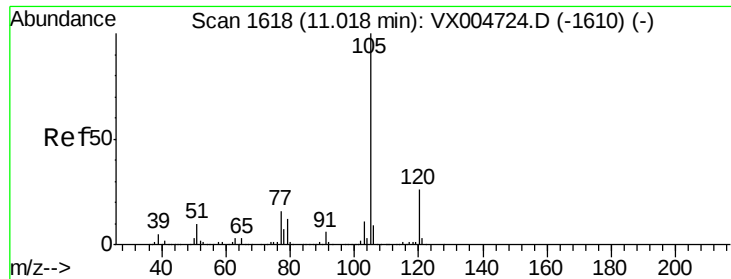
115 78.5 40.2 120.6

150 174.5 0.0 351.0



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: 54.527 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

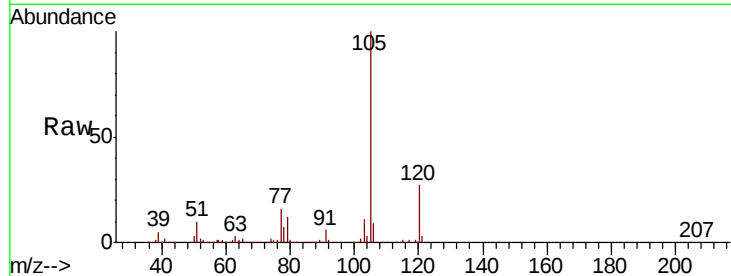
VSTDCCC050EC

Tot Ion:105 Resp: 664631

Ion Ratio Lower Upper

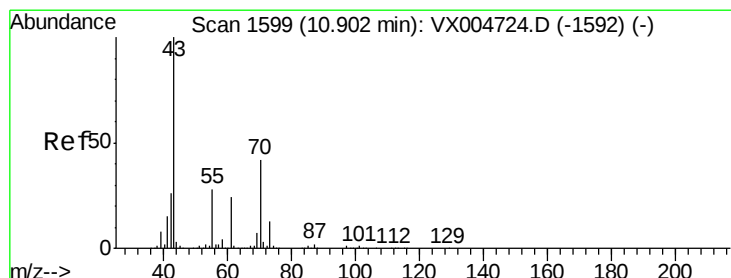
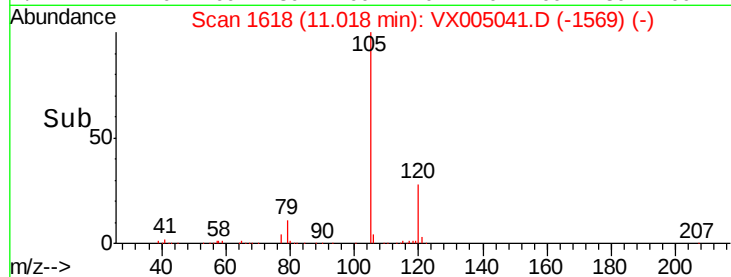
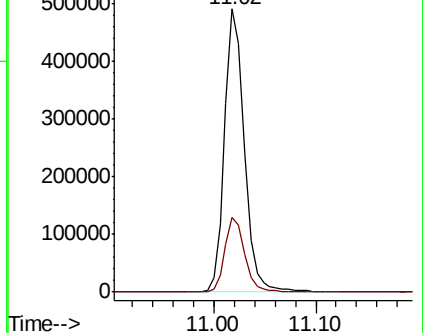
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.922 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Tgt Ion: 43 Resp: 334440

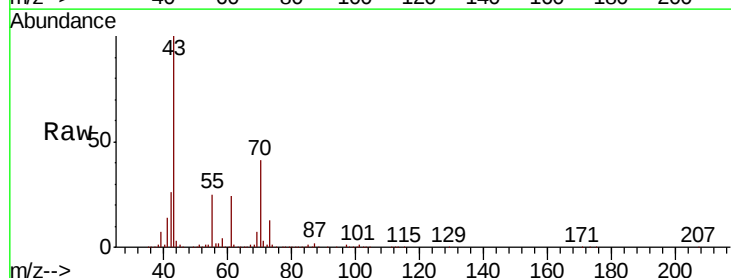
Ion Ratio Lower Upper

43 100

70 40.3 32.6 48.8

55 25.0 21.6 32.4

61 23.9 19.1 28.7

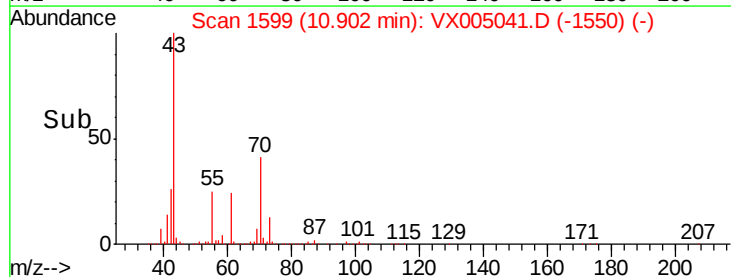
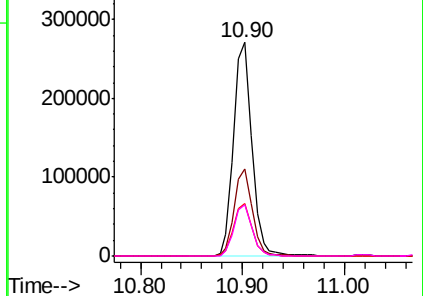


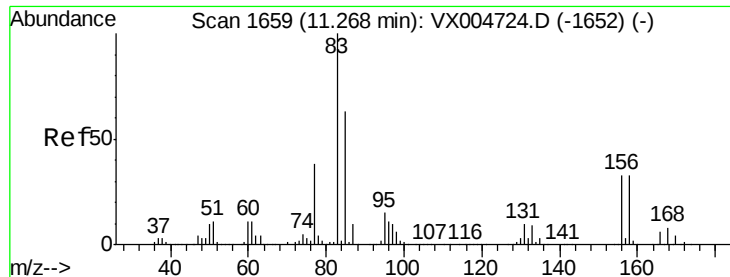
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.804 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

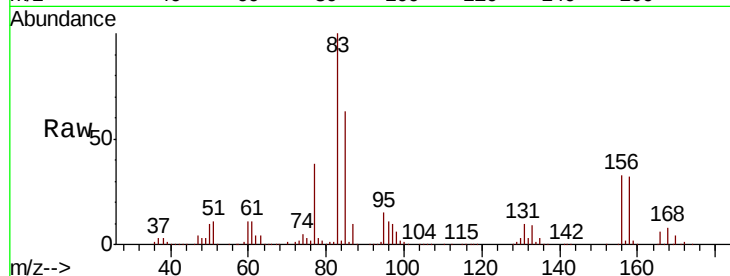
Tot Ion: 83 Resp: 247117

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

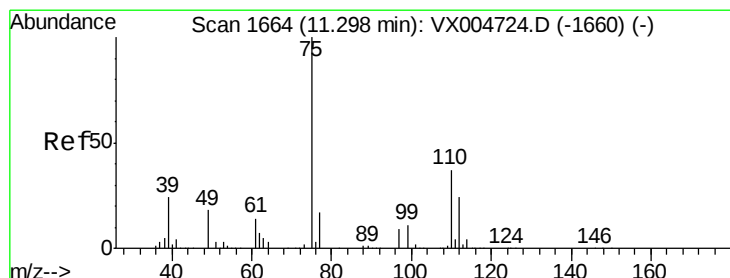
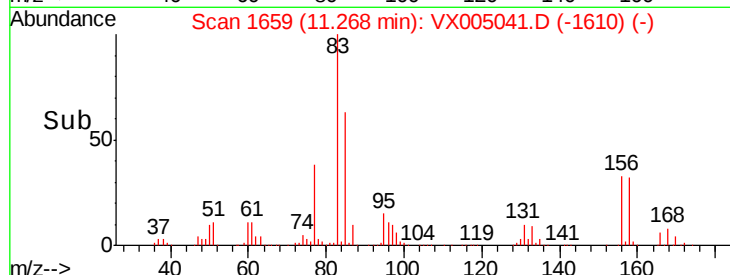
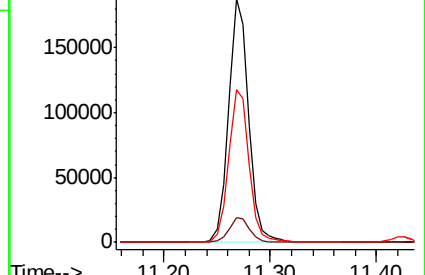
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.504 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005041.D

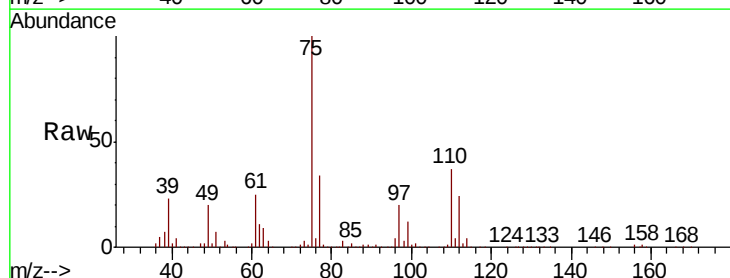
Acq: 05 Oct 2018 01:23

Tgt Ion: 75 Resp: 279583

Ion Ratio Lower Upper

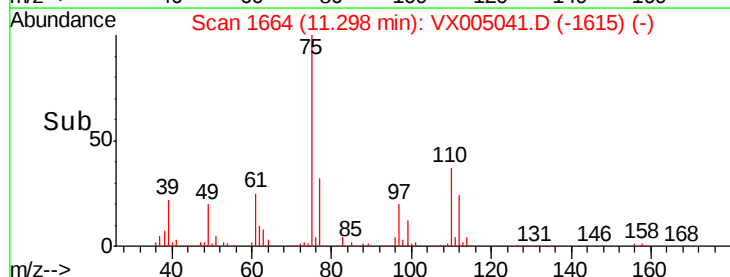
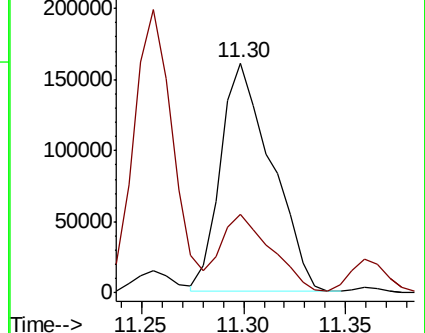
75 100

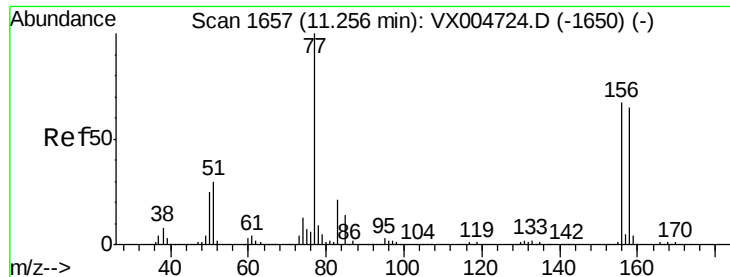
77 34.0 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.393 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

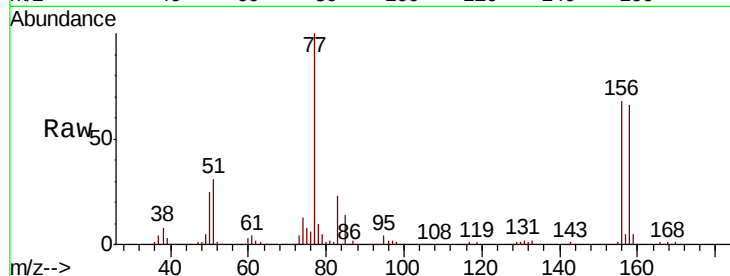
Tot Ion:156 Resp: 181953

Ion Ratio Lower Upper

156 100

77 146.0 73.4 220.2

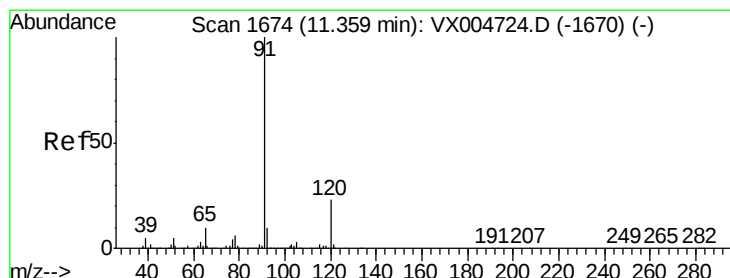
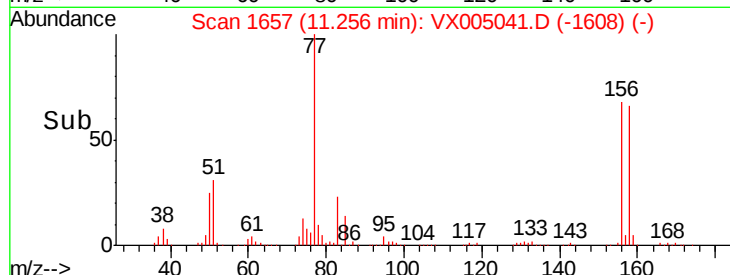
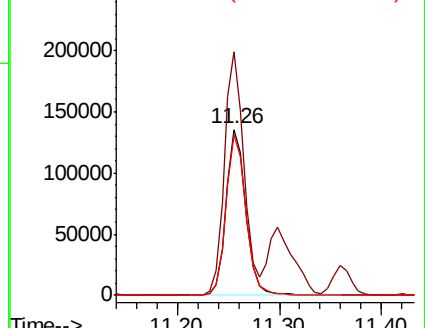
158 97.5 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.941 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005041.D

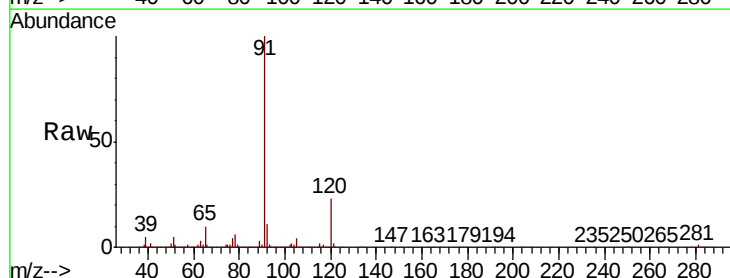
Acq: 05 Oct 2018 01:23

Tgt Ion: 91 Resp: 754385

Ion Ratio Lower Upper

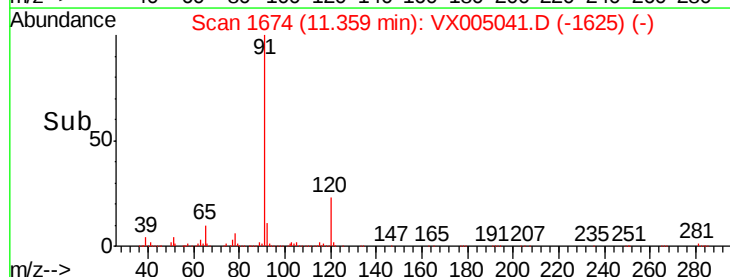
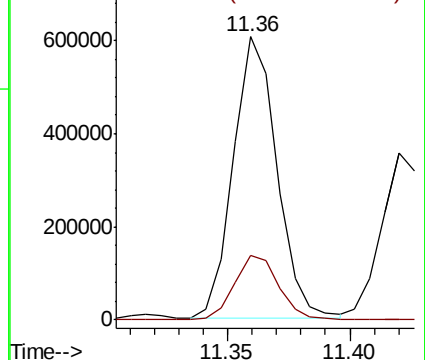
91 100

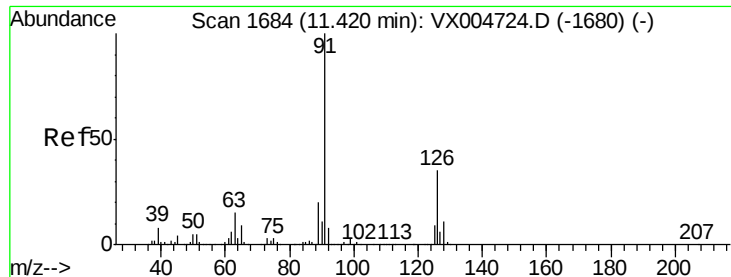
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.291 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

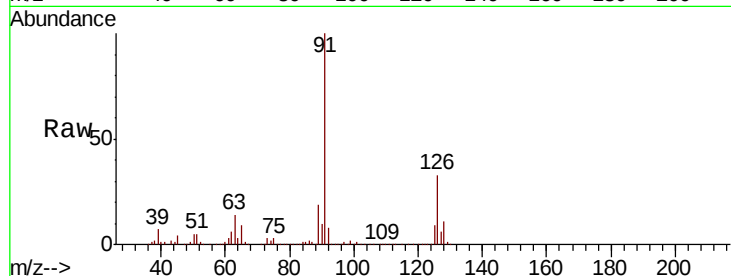
VSTDCCC050EC

Tot Ion: 91 Resp: 464557

Ion Ratio Lower Upper

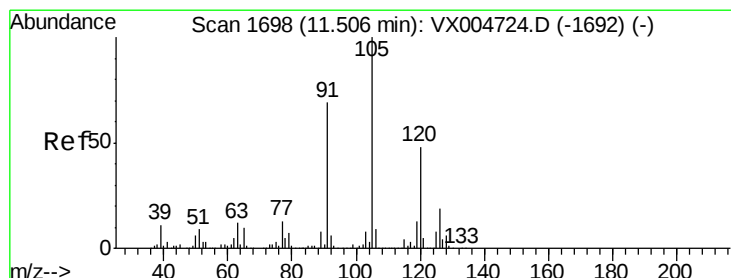
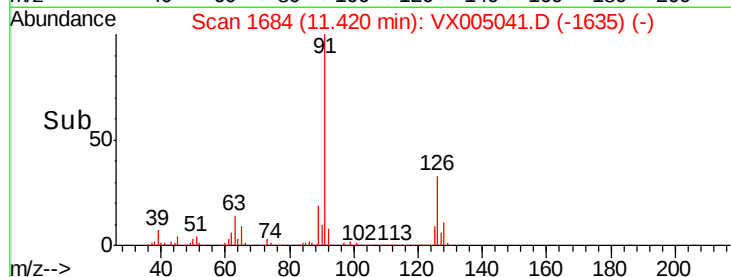
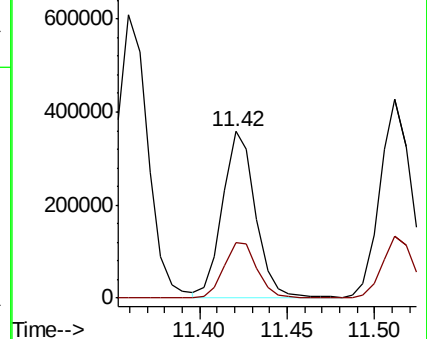
91 100

126 34.7 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.532 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005041.D

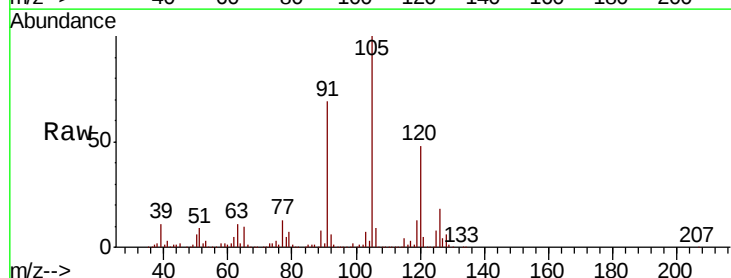
Acq: 05 Oct 2018 01:23

Tgt Ion: 105 Resp: 564508

Ion Ratio Lower Upper

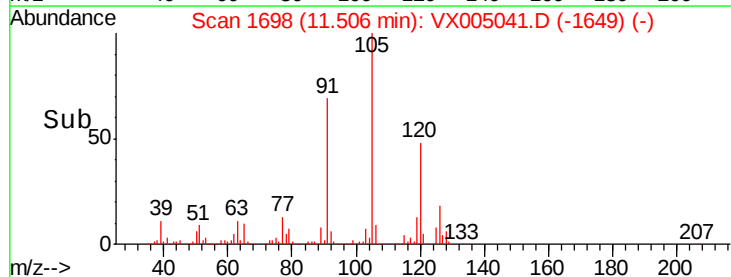
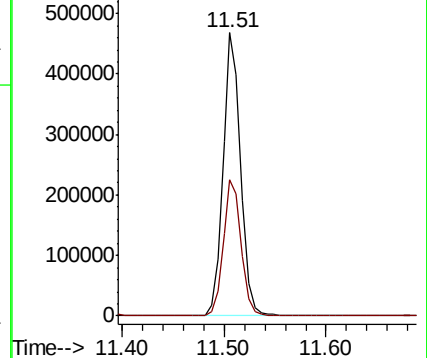
105 100

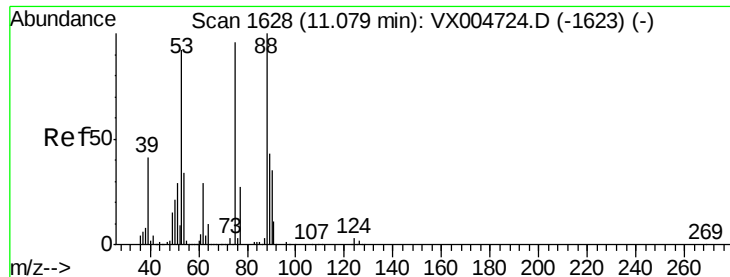
120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)

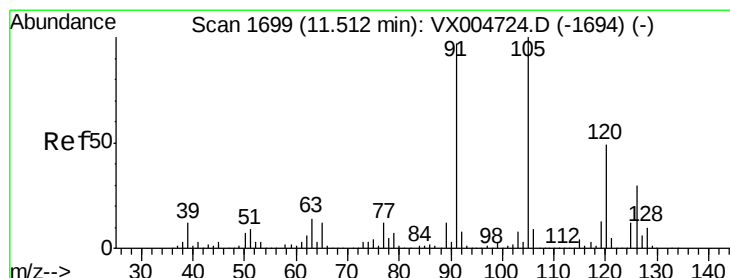
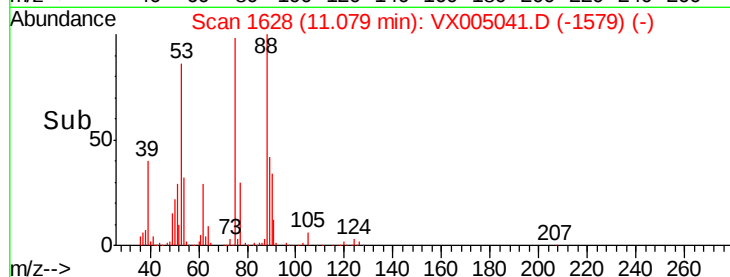
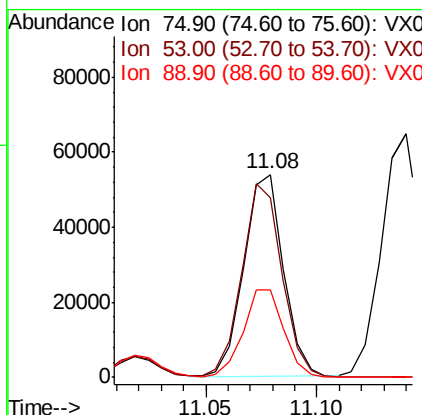
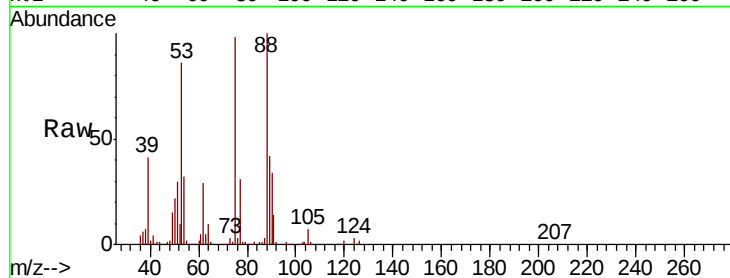




#81
trans-1,4-Dichloro-2-butene
Concen: 42.416 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

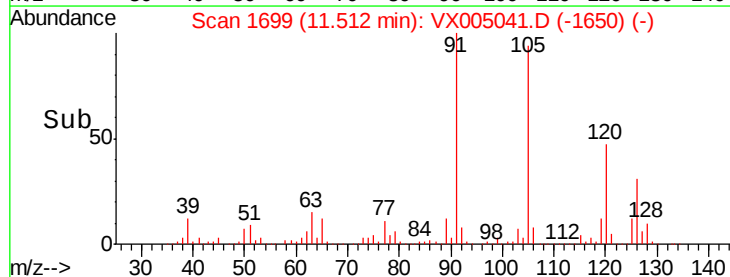
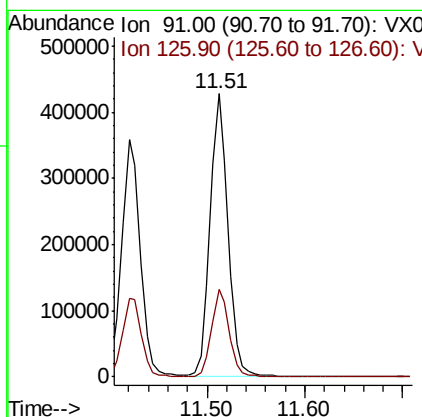
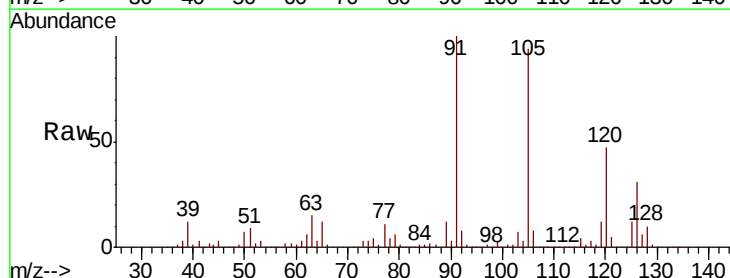
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

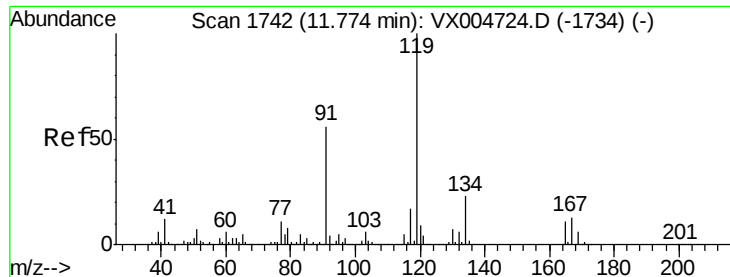
Tot Ion: 75 Resp: 66909
Ion Ratio Lower Upper
75 100
53 96.8 80.2 120.4
89 44.6 37.1 55.7



#82
4-Chlorotoluene
Concen: 53.047 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 91 Resp: 544303
Ion Ratio Lower Upper
91 100
126 30.7 15.5 46.5

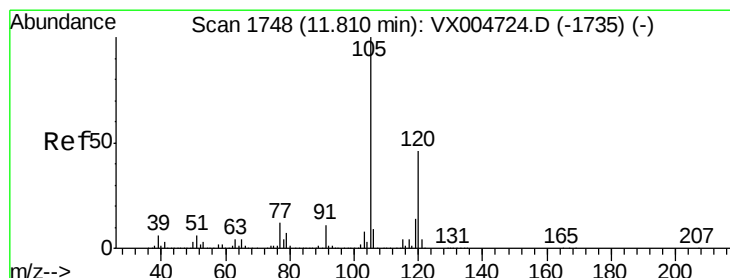
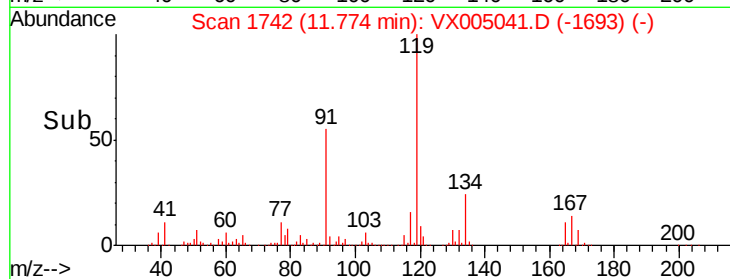
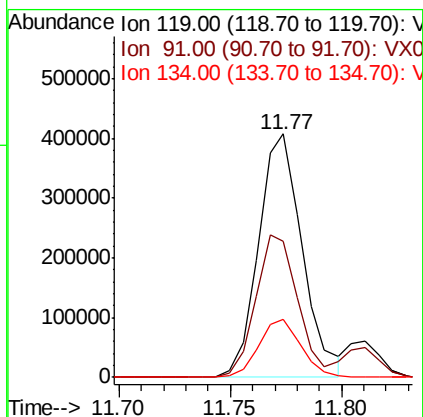
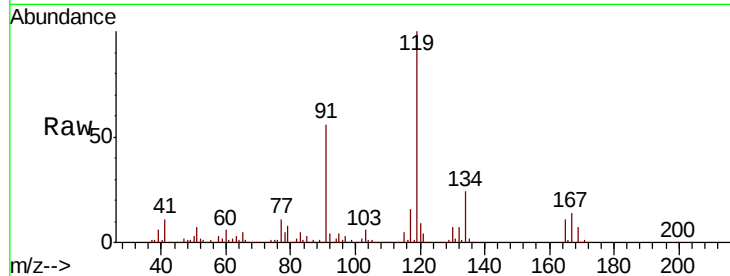




#83
 tert-Butylbenzene
 Concen: 55.477 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

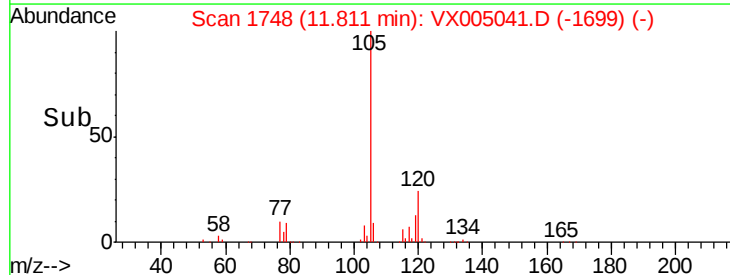
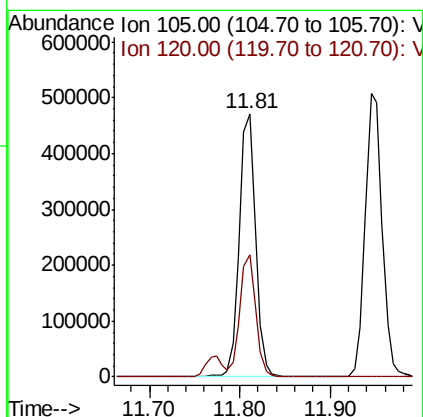
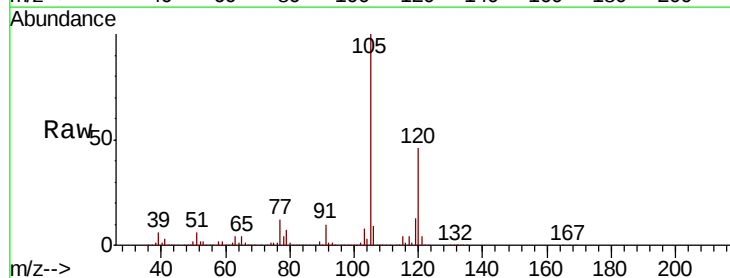
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

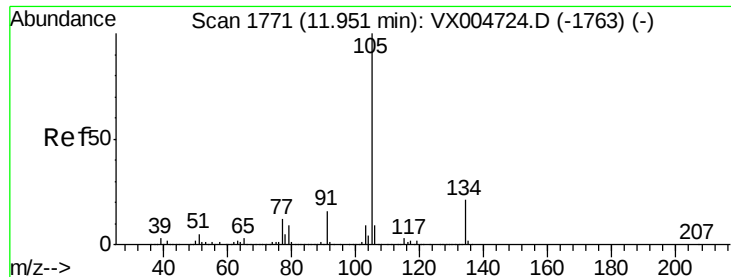
Tot Ion:119 Resp: 556750
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.5 82.5
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.111 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion:105 Resp: 588803
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 53.889 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

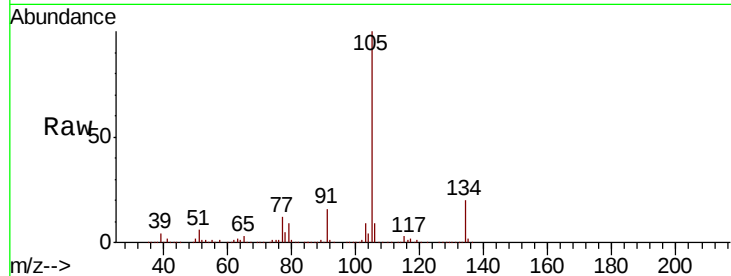
VSTDCCC050EC

Tot Ion:105 Resp: 658726

Ion Ratio Lower Upper

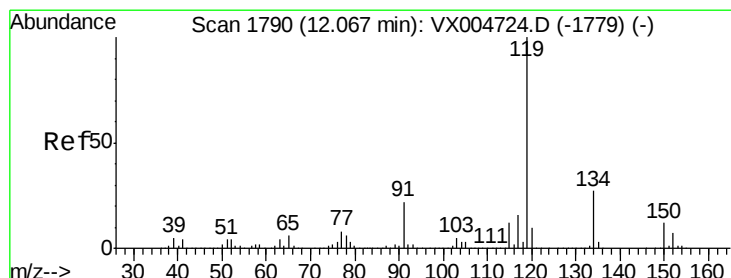
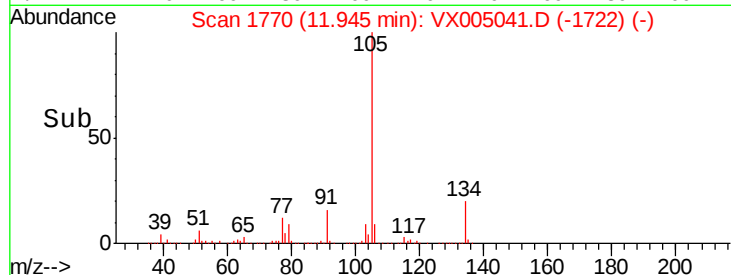
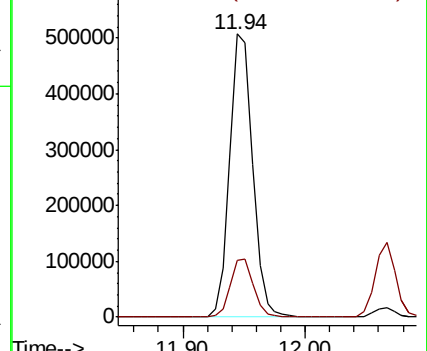
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.628 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

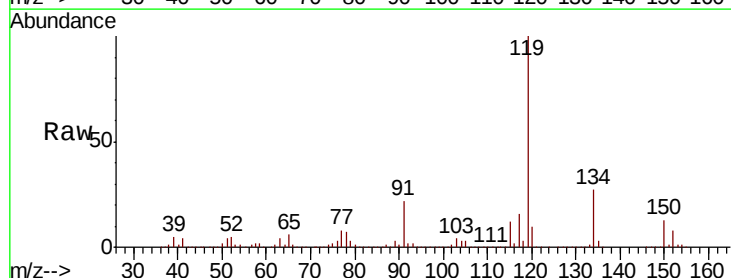
Tgt Ion:119 Resp: 593918

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

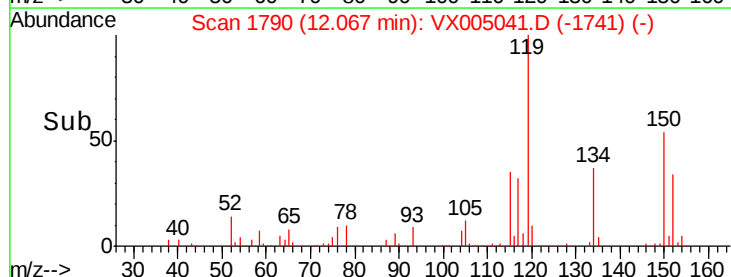
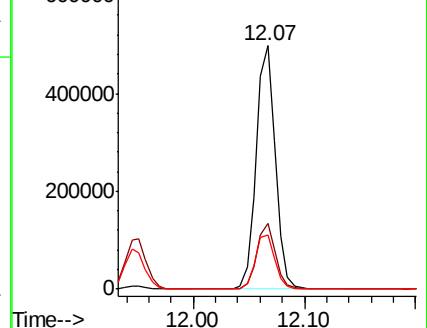
91 22.8 11.5 34.4

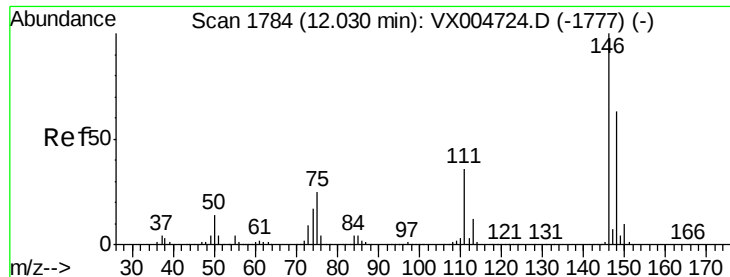


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.417 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

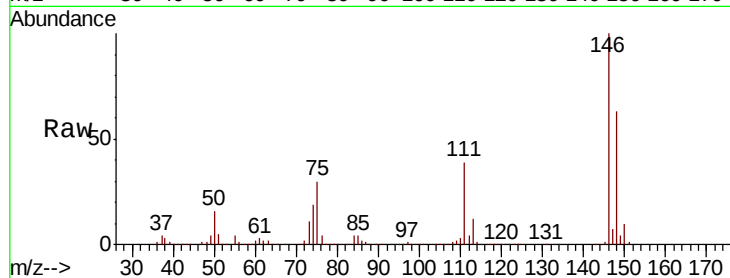
Tot Ion:146 Resp: 333303

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.9

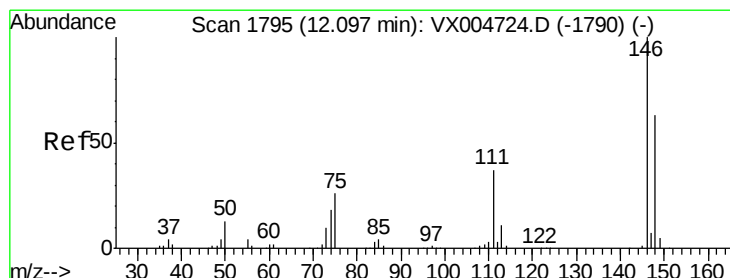
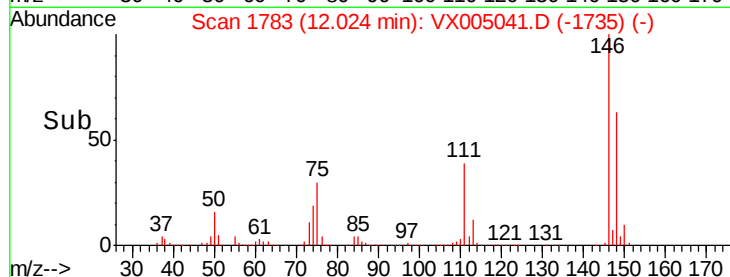
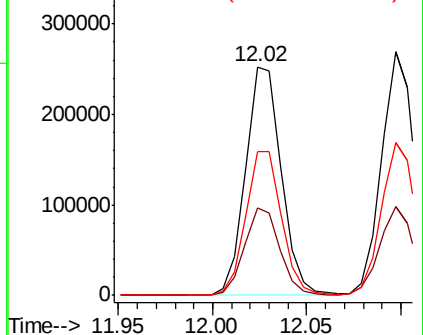
148 63.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.490 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

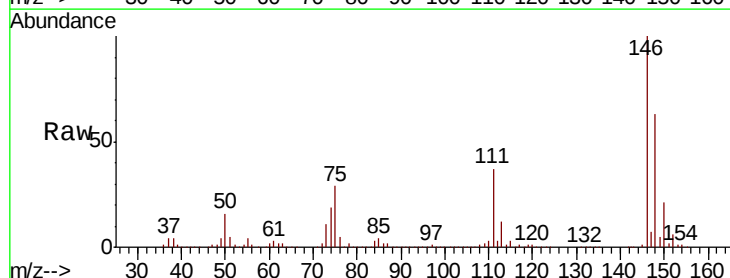
Tgt Ion:146 Resp: 337745

Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.2

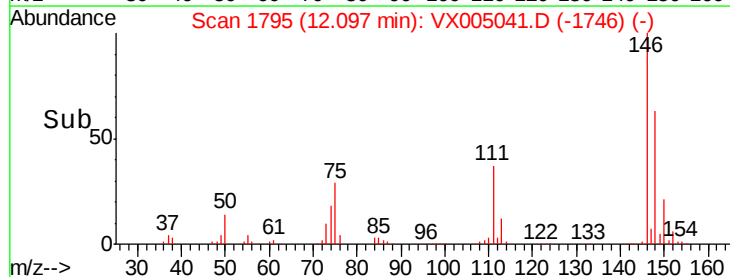
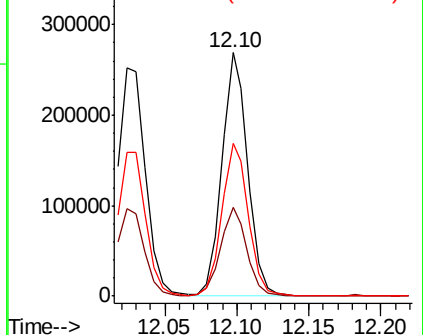
148 64.7 32.0 96.0

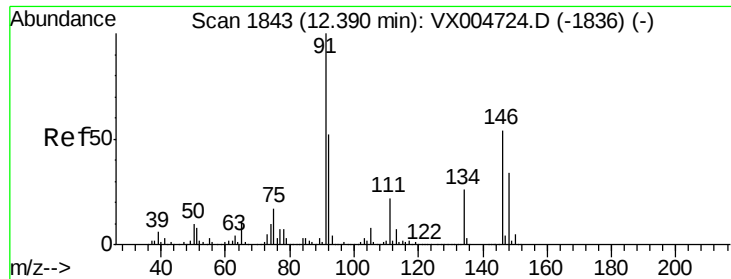


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

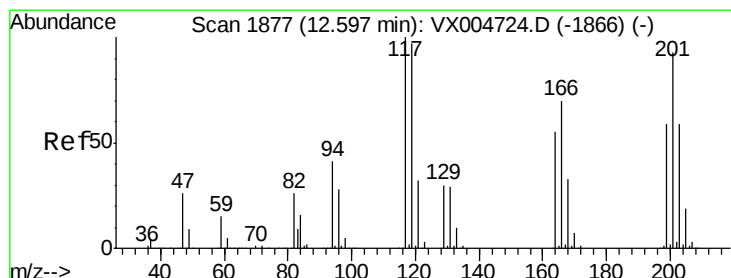
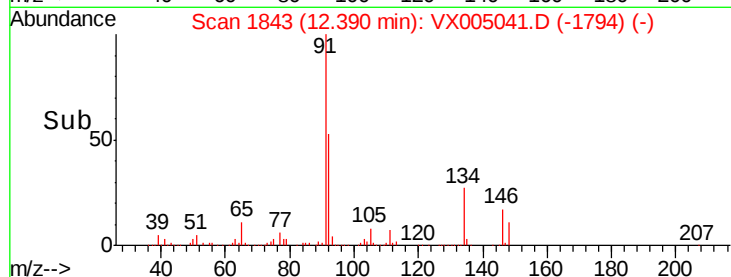
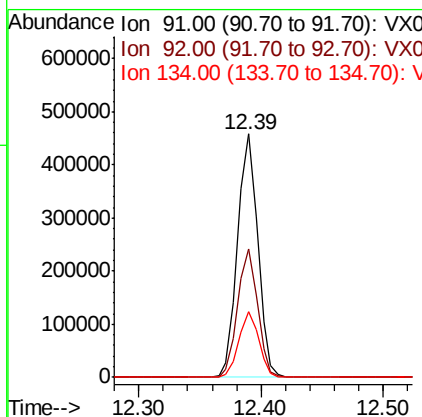
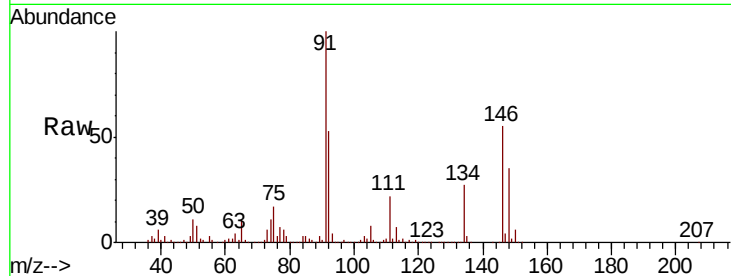




#89
n-Butylbenzene
Concen: 51.699 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

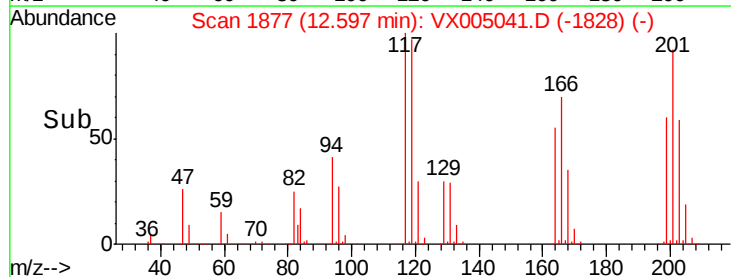
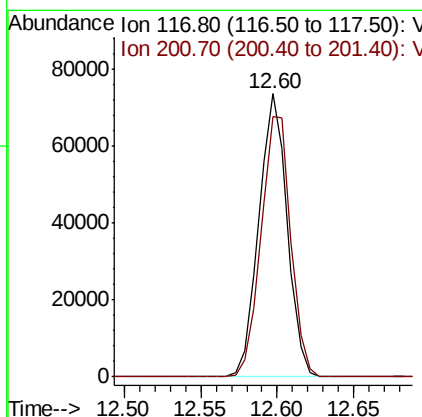
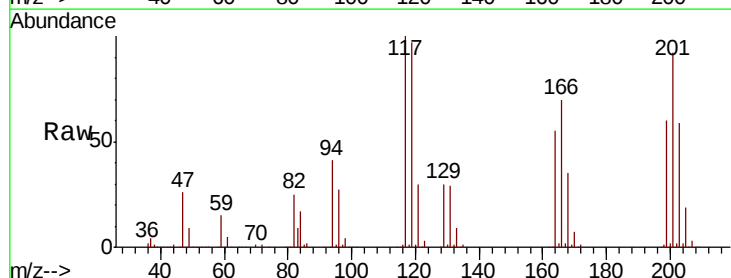
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

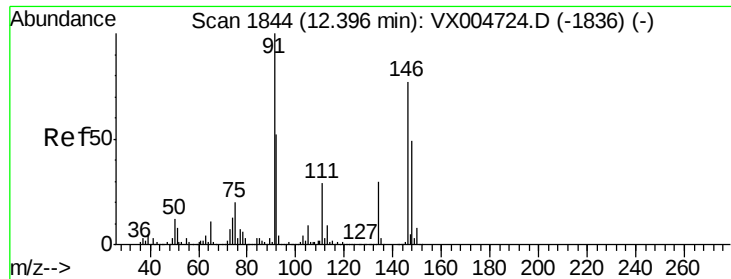
Tot Ion: 91 Resp: 519993
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 26.4 13.2 39.6



#90
Hexachloroethane
Concen: 51.677 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005041.D
Acq: 05 Oct 2018 01:23

Tgt Ion: 117 Resp: 95289
Ion Ratio Lower Upper
117 100
201 96.7 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 49.462 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

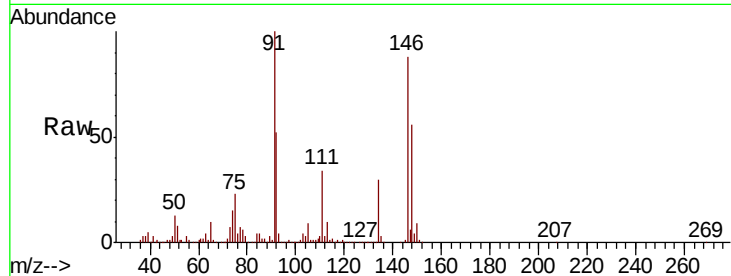
Tot Ion:146 Resp: 341721

Ion Ratio Lower Upper

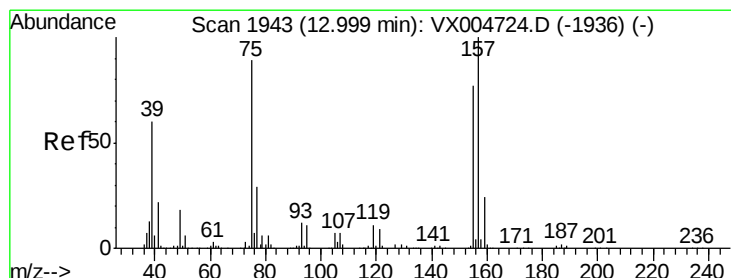
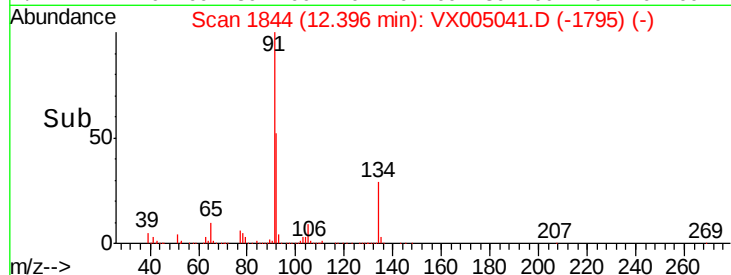
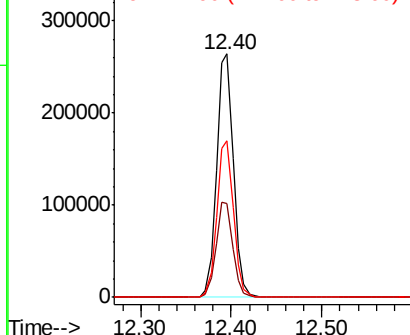
146 100

111 39.3 19.6 58.7

148 64.0 31.8 95.4



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.767 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

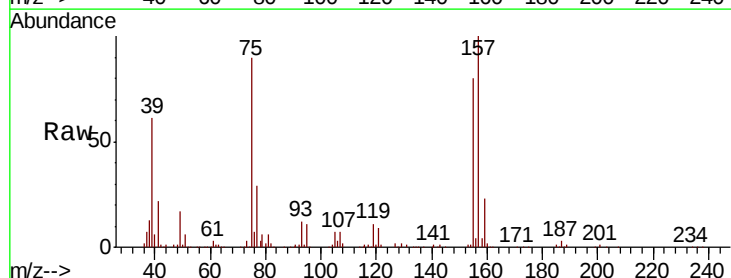
Tgt Ion: 75 Resp: 57487

Ion Ratio Lower Upper

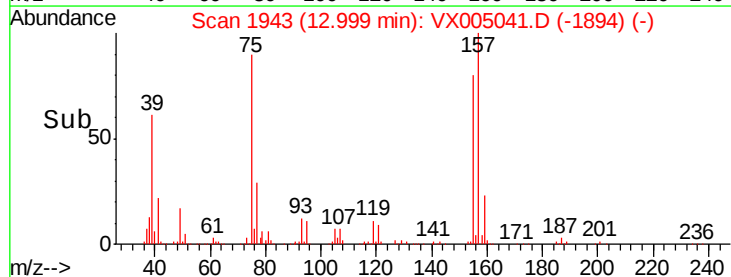
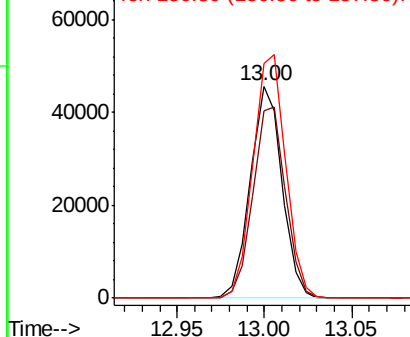
75 100

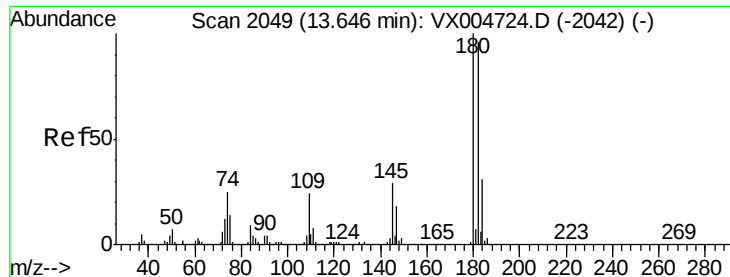
155 92.5 46.1 138.3

157 118.4 60.2 180.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

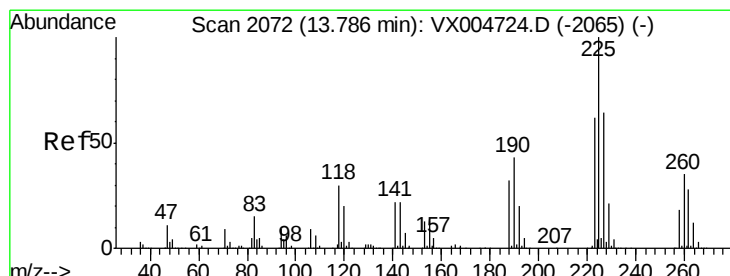
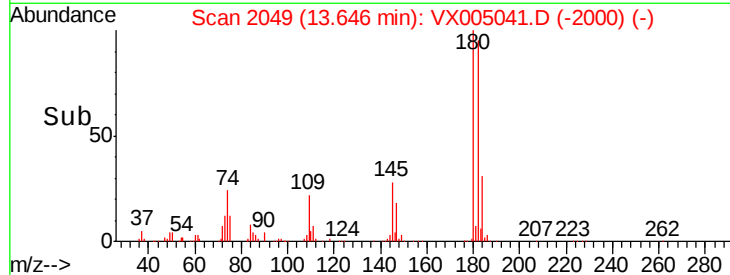
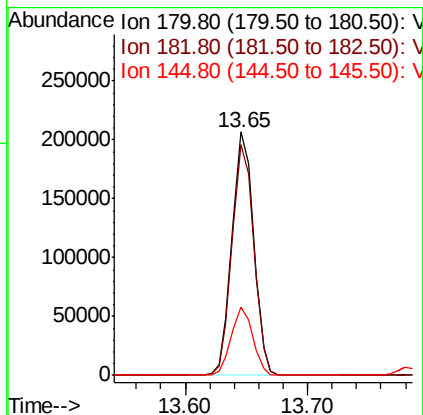
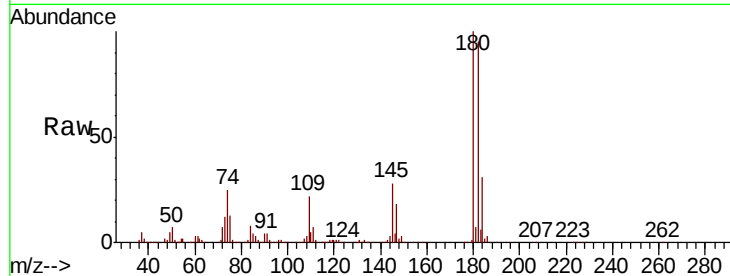




#93
 1,2,4-Trichlorobenzene
 Concen: 52.004 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

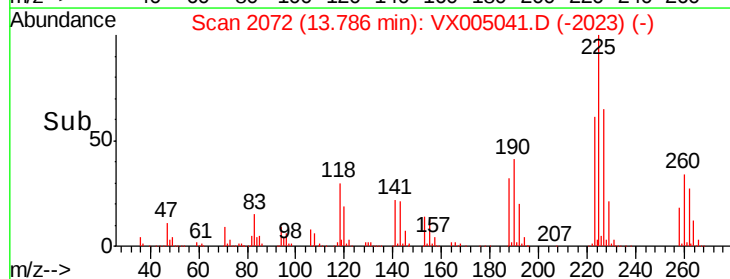
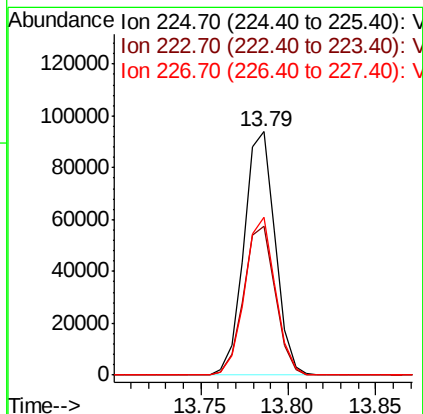
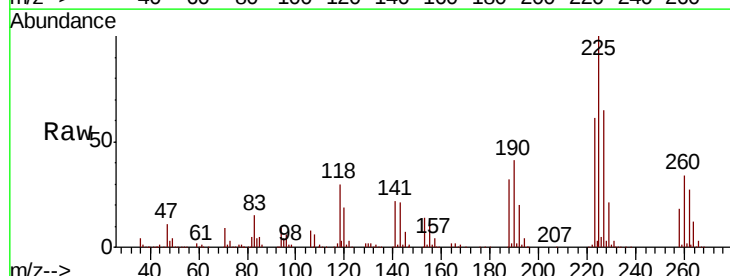
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

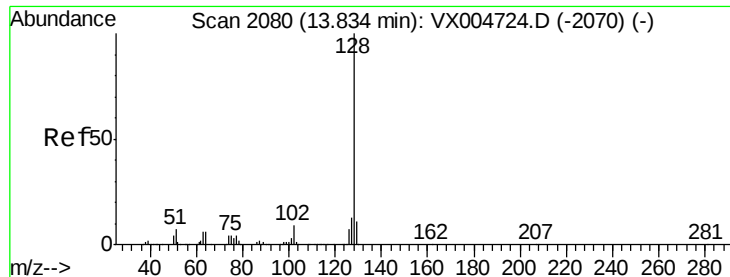
Tot Ion:180 Resp: 252033
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.8 143.4
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.078 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005041.D
 Acq: 05 Oct 2018 01:23

Tgt Ion:225 Resp: 115800
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.8
 227 63.5 31.9 95.5





#95

Naphthalene

Concen: 51.466 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

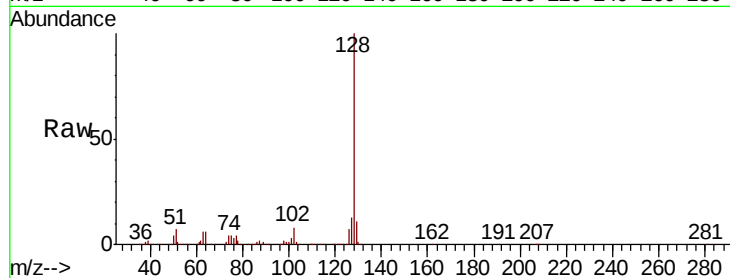
Tot Ion:128 Resp: 828190

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

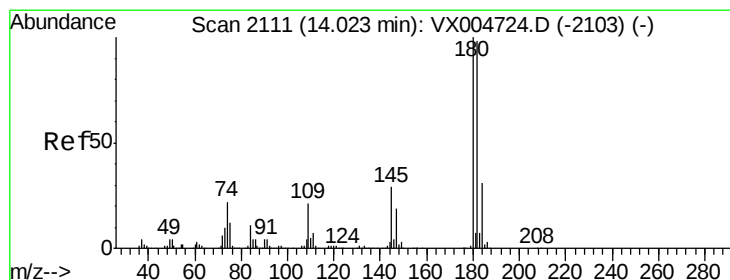
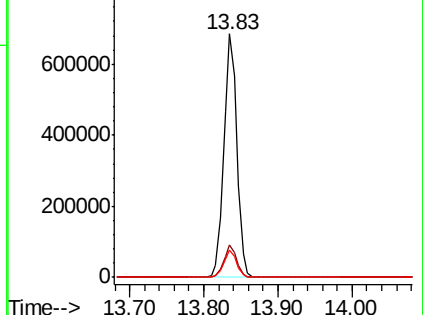
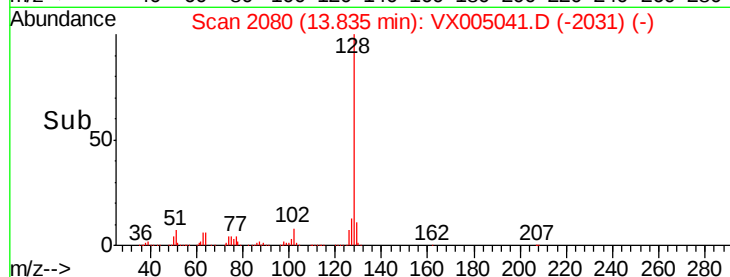
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.058 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005041.D

Acq: 05 Oct 2018 01:23

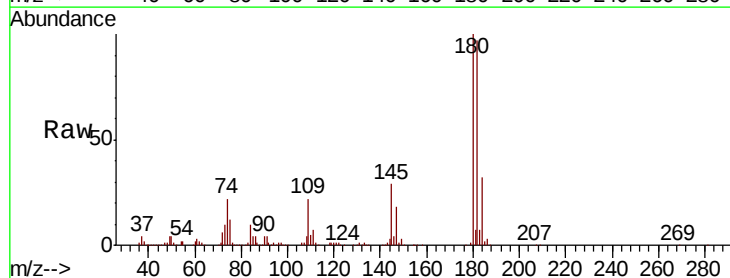
Tgt Ion:180 Resp: 260621

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.8

145 29.6 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

