

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005040.D
 Acq On : 05 Oct 2018 00:57
 Operator : JC/MD
 Sample : J5207-19MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MSD

Quant Time: Oct 05 03:26:35 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	215412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188562	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	160631	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
35) Dibromofluoromethane	5.50	113	129002	45.40	ug/l	0.00
Spiked Amount			Recovery	=	90.80%	
50) Toluene-d8	8.72	98	485710	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.14	95	180092	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	156355	53.235	ug/l	97
3) Chloromethane	1.32	50	177047	49.685	ug/l	100
4) Vinyl Chloride	1.40	62	175658	52.559	ug/l	99
5) Bromomethane	1.64	94	129627	65.407	ug/l	97
6) Chloroethane	1.71	64	103762	57.310	ug/l	97
7) Trichlorofluoromethane	1.92	101	223880	54.110	ug/l	95
8) Diethyl Ether	2.19	74	94473	52.559	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123223	52.283	ug/l	99
10) Methyl Iodide	2.51	142	148348	47.038	ug/l	93
11) Tert butyl alcohol	3.08	59	231890	269.513	ug/l	98
12) 1,1-Dichloroethene	2.37	96	121763	52.168	ug/l	98
13) Acrolein	2.29	56	41122	67.174	ug/l	91
14) Allyl chloride	2.73	41	272747	53.556	ug/l	96
15) Acrylonitrile	3.15	53	521658	275.416	ug/l	96
16) Acetone	2.45	43	461060	256.642	ug/l	93
17) Carbon Disulfide	2.57	76	332025	47.340	ug/l	100
18) Methyl Acetate	2.78	43	247950	54.475	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	467839	58.110	ug/l	97
20) Methylene Chloride	2.85	84	145512	55.806	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	130417	51.043	ug/l	83
22) Diisopropyl ether	3.87	45	474238	55.300	ug/l	96
23) Vinyl Acetate	3.82	43	1700046	216.571	ug/l	98
24) 1,1-Dichloroethane	3.70	63	268007	52.391	ug/l	100
25) 2-Butanone	4.71	43	695127	262.500	ug/l	97
26) 2,2-Dichloropropane	4.58	77	138776	38.958	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	145605	51.012	ug/l	97
28) Bromochloromethane	5.02	49	121620	50.487	ug/l	99
29) Tetrahydrofuran	5.16	42	455752	276.903	ug/l	98
30) Chloroform	5.21	83	250318	51.776	ug/l	99
31) Cyclohexane	5.57	56	210585	53.786	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	208725	52.864	ug/l	95
36) 1,1-Dichloropropene	5.80	75	178135	45.950	ug/l	94
37) Ethyl Acetate	4.86	43	207922	40.405	ug/l	99
38) Carbon Tetrachloride	5.78	117	180535	44.302	ug/l	99

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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	198225	50.075	ug/l #	85
40) Benzene	6.14	78	575267	47.399	ug/l	96
41) Methacrylonitrile	5.06	41	139593	48.914	ug/l	98
42) 1,2-Dichloroethane	6.20	62	200002	46.615	ug/l	97
43) Isopropyl Acetate	6.46	43	334808	45.077	ug/l	96
44) Trichloroethene	7.21	130	146800	49.202	ug/l	99
45) 1,2-Dichloropropane	7.52	63	153590	51.604	ug/l	100
46) Dibromomethane	7.66	93	96178	51.418	ug/l	99
47) Bromodichloromethane	7.90	83	187183	53.449	ug/l	99
48) Methyl methacrylate	7.78	41	195369	57.952	ug/l	100
49) 1,4-Dioxane	7.76	88	82890	989.690	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1317749	281.773	ug/l	99
52) Toluene	8.79	92	345181	51.759	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	202086	51.064	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	213079	51.404	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	146765	50.241	ug/l	95
56) Ethyl methacrylate	9.18	69	233246	49.250	ug/l	97
57) 1,3-Dichloropropane	9.37	76	247789	50.966	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.27	63	2099	15.029	ug/l #	51
59) 2-Hexanone	9.50	43	1039781	266.807	ug/l	96
60) Dibromochloromethane	9.59	129	153051	52.389	ug/l	98
61) 1,2-Dibromoethane	9.68	107	152651	48.794	ug/l	95
64) Tetrachloroethene	9.34	164	142098	45.813	ug/l	96
65) Chlorobenzene	10.14	112	389295	48.173	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	143976	50.678	ug/l	99
67) Ethyl Benzene	10.26	91	656457	51.166	ug/l	96
68) m/p-Xylenes	10.36	106	511538	102.031	ug/l	96
69) o-Xylene	10.70	106	250475	54.393	ug/l	98
70) Styrene	10.71	104	415664	48.337	ug/l	100
71) Bromoform	10.86	173	124698	51.269	ug/l	96
73) Isopropylbenzene	11.02	105	654281	55.049	ug/l	99
74) N-amyl acetate	10.90	43	274244	42.261	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	243199	50.267	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	272313	64.432	ug/l	85
77) Bromobenzene	11.26	156	179339	51.949	ug/l	99
78) n-propylbenzene	11.36	91	742906	54.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	456108	53.659	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	555067	50.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63857	41.558	ug/l	98
82) 4-Chlorotoluene	11.51	91	533345	53.307	ug/l	100
83) tert-Butylbenzene	11.77	119	555595	56.777	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	579826	51.620	ug/l	99
85) sec-Butylbenzene	11.94	105	644908	54.107	ug/l	100
86) p-Isopropyltoluene	12.07	119	579389	53.653	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	323981	50.259	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	326992	49.139	ug/l	99
89) n-Butylbenzene	12.39	91	504743	51.466	ug/l	100
90) Hexachloroethane	12.60	117	93265	51.872	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	332626	49.376	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55352	52.106	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	242314	51.277	ug/l	99
94) Hexachlorobutadiene	13.79	225	108505	44.279	ug/l	99
95) Naphthalene	13.83	128	809176	51.568	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	252572	51.740	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

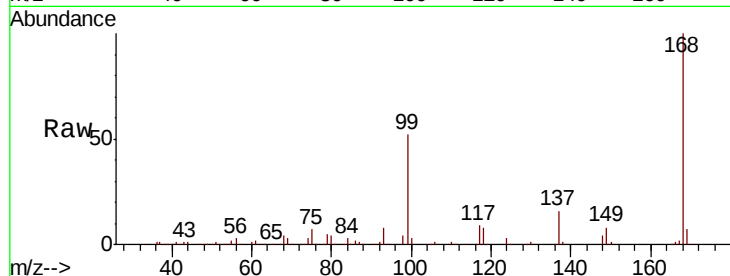
SA-TW511-2125MSD

Tot Ion:168 Resp: 215412

Ion Ratio Lower Upper

168 100

99 52.0 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

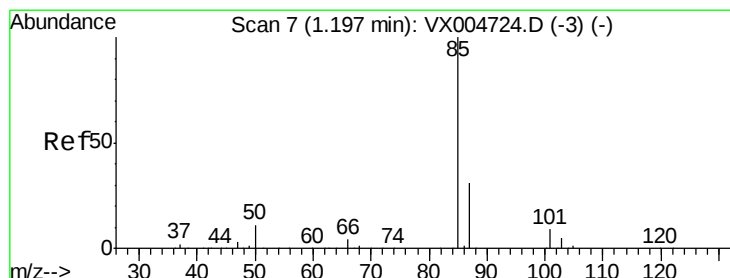
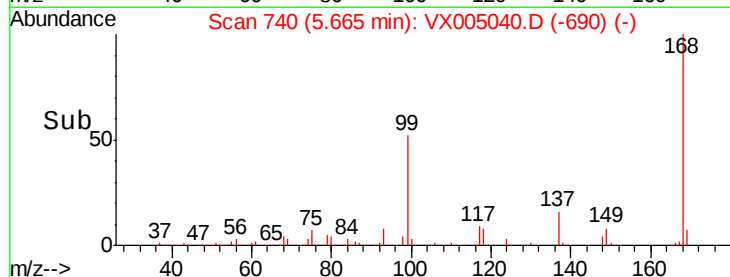
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.235 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005040.D

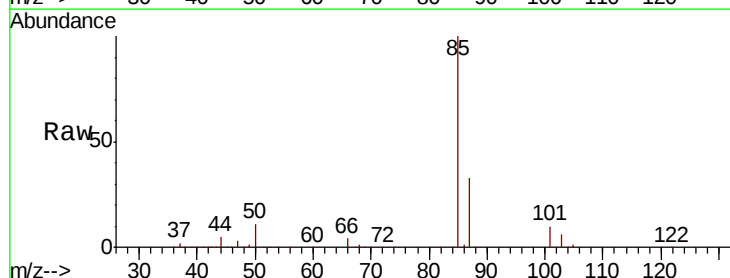
Acq: 05 Oct 2018 00:57

Tgt Ion: 85 Resp: 156355

Ion Ratio Lower Upper

85 100

87 32.9 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

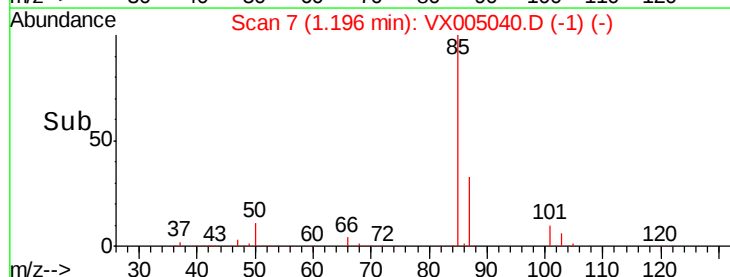
150000

100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.685 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

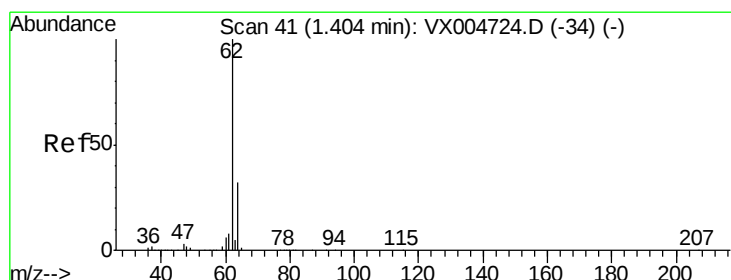
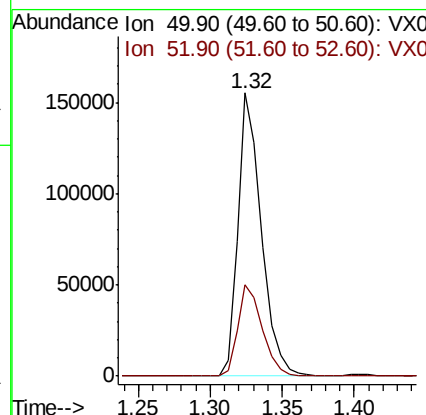
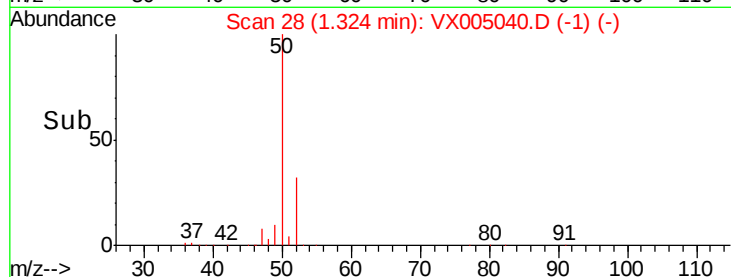
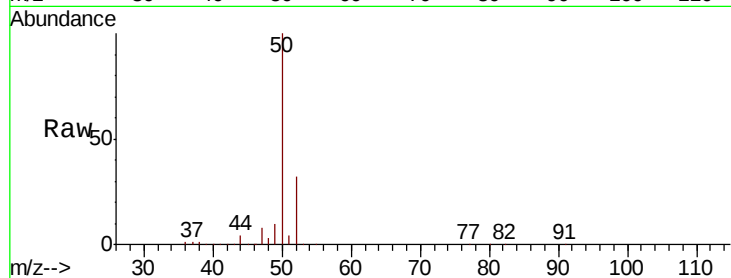
SA-TW511-2125MSD

Tot Ion: 50 Resp: 177047

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.6



#4

Vinyl Chloride

Concen: 52.559 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005040.D

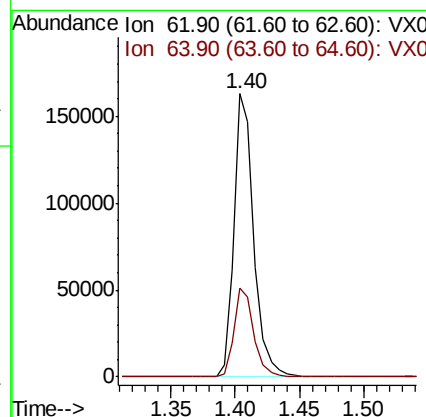
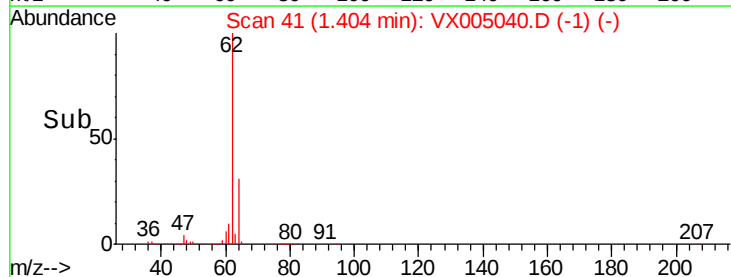
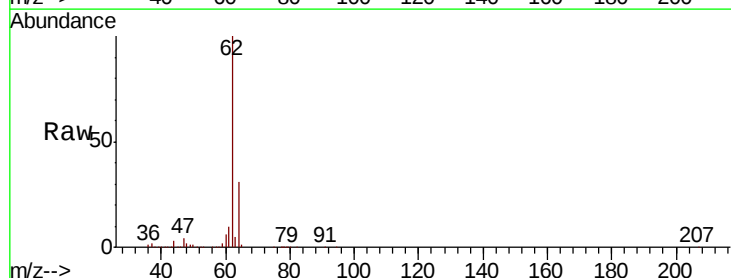
Acq: 05 Oct 2018 00:57

Tgt Ion: 62 Resp: 175658

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 65.407 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

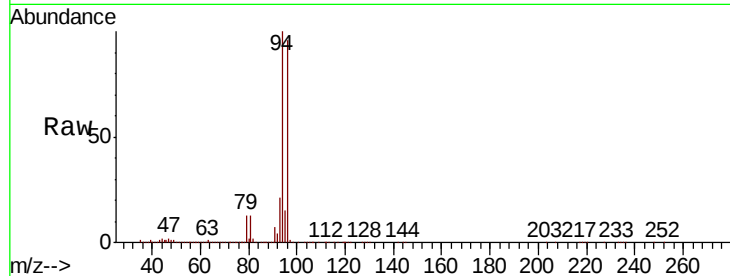
SA-TW511-2125MSD

Tot Ion: 94 Resp: 129627

Ion Ratio Lower Upper

94 100

96 96.1 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

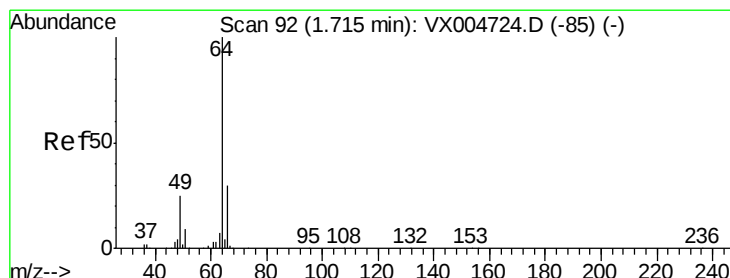
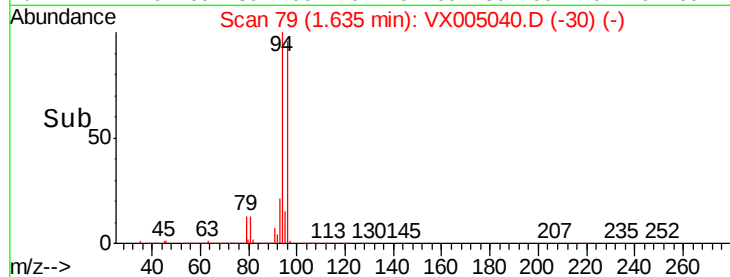
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 57.310 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005040.D

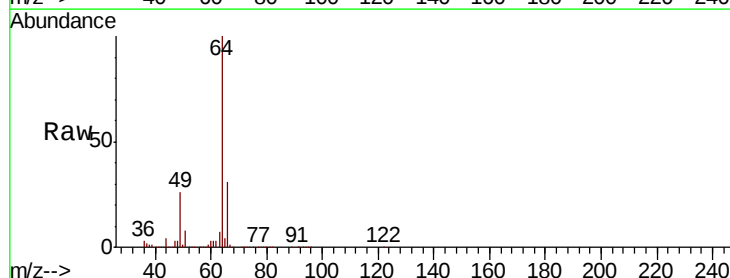
Acq: 05 Oct 2018 00:57

Tgt Ion: 64 Resp: 103762

Ion Ratio Lower Upper

64 100

66 31.1 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

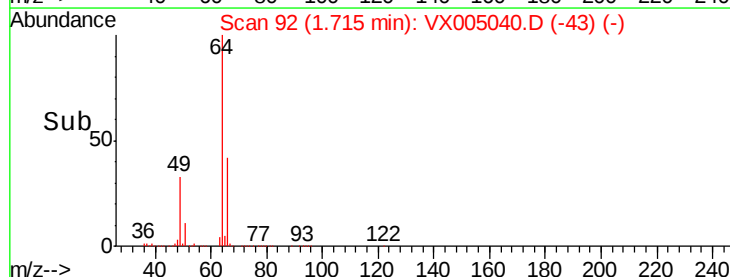
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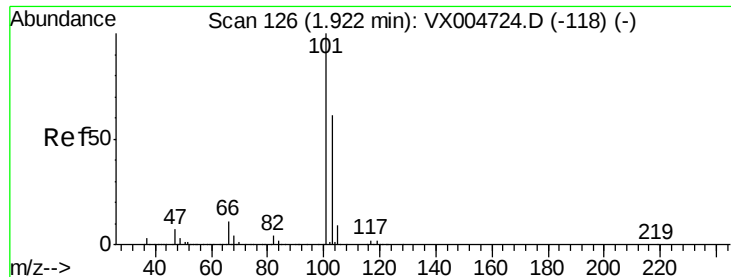
40000

20000

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Time-->



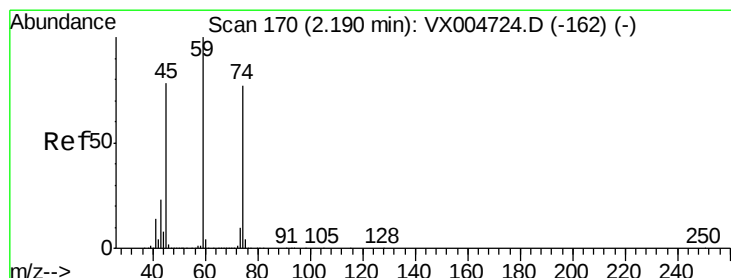
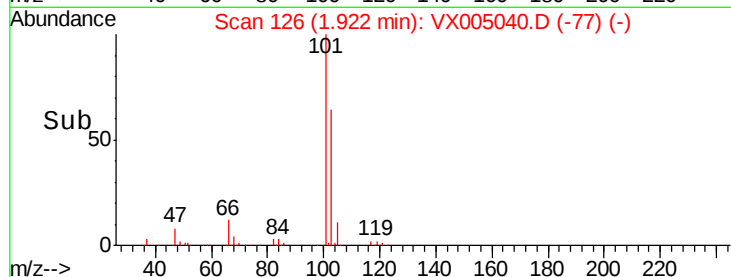
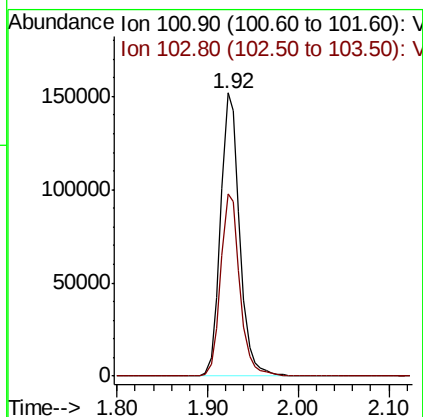
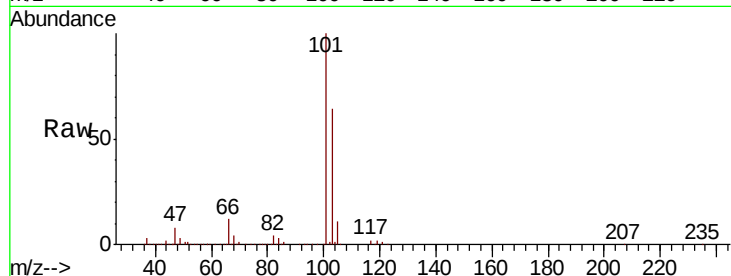


#7

Trichlorofluoromethane
 Concen: 54.110 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Instrument :
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 SA-TW511-2125MSD

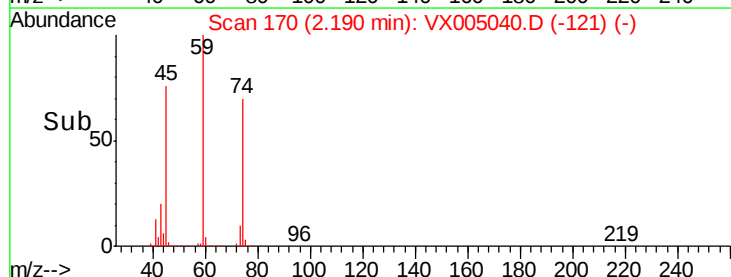
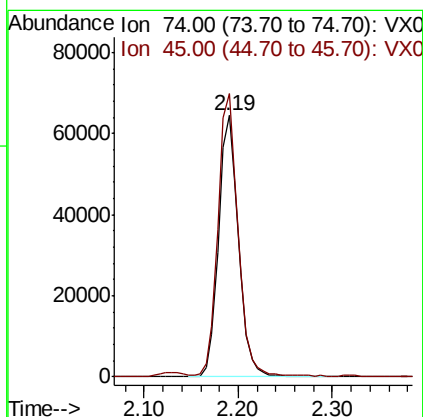
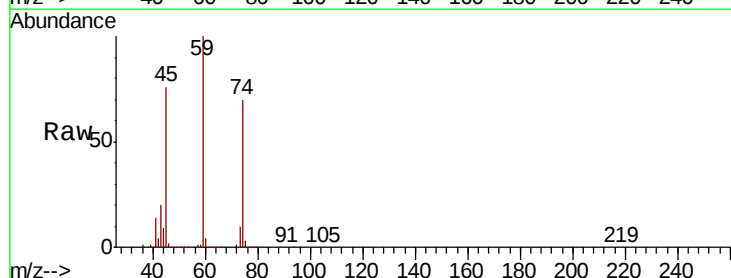
Tot Ion:101 Resp: 223880
 Ion Ratio Lower Upper
 101 100
 103 64.4 48.4 72.6



#8

Diethyl Ether
 Concen: 52.559 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Tgt Ion: 74 Resp: 94473
 Ion Ratio Lower Upper
 74 100
 45 107.7 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.283 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

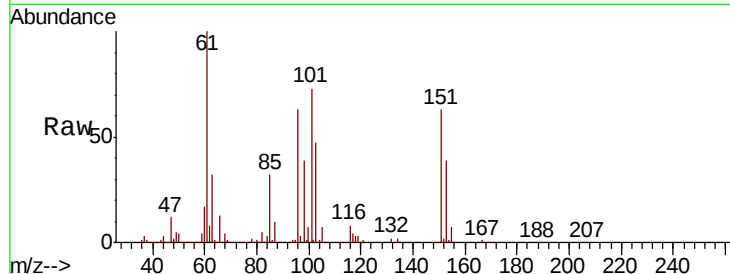
Tot Ion:101 Resp: 123223

Ion Ratio Lower Upper

101 100

85 43.8 35.9 53.9

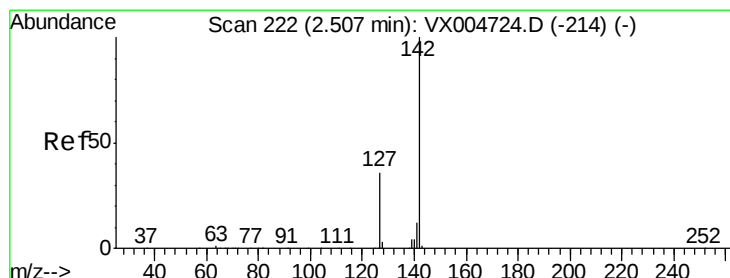
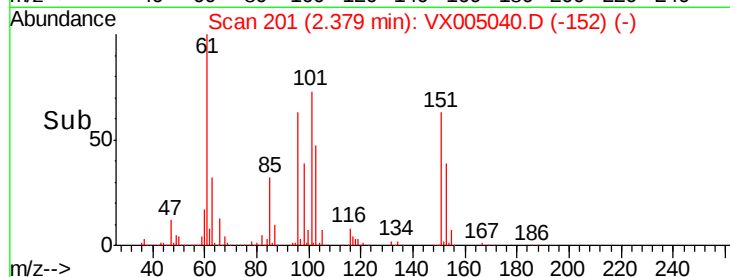
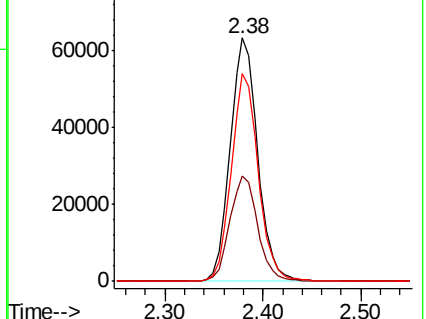
151 83.8 66.6 100.0



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: 47.038 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

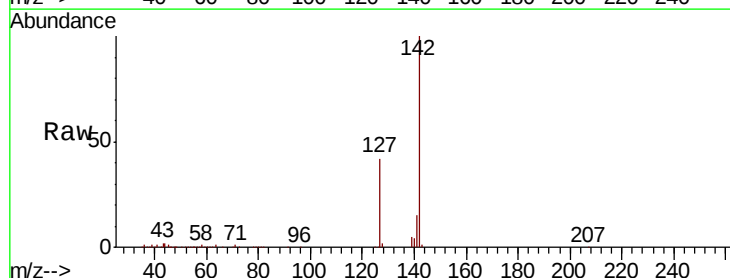
Tgt Ion:142 Resp: 148348

Ion Ratio Lower Upper

142 100

127 42.6 30.1 45.1

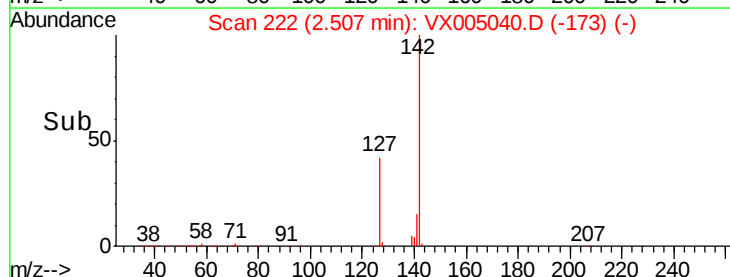
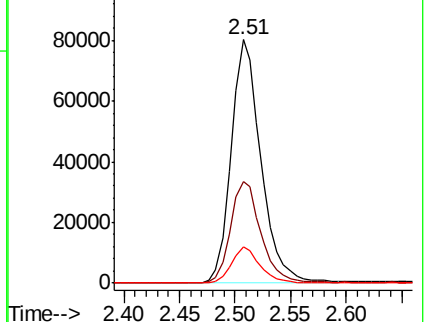
141 14.3 10.1 15.1

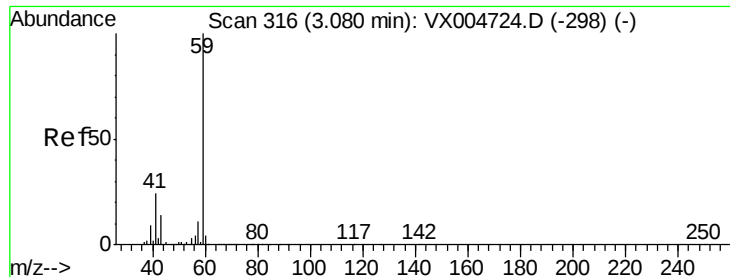


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



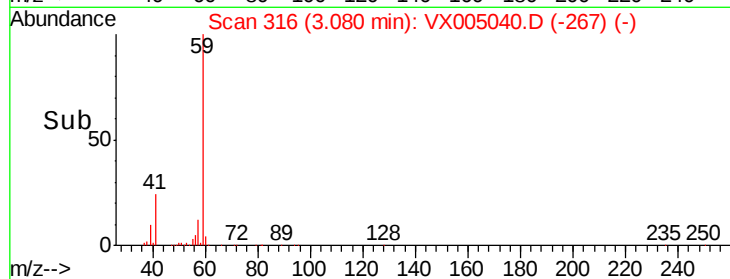
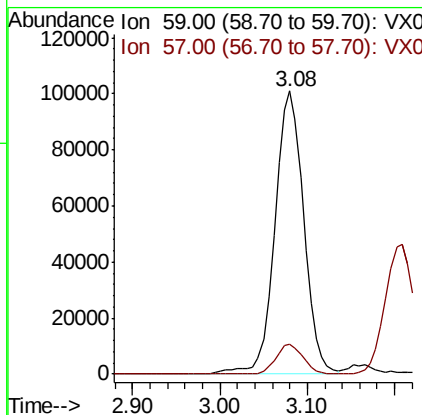
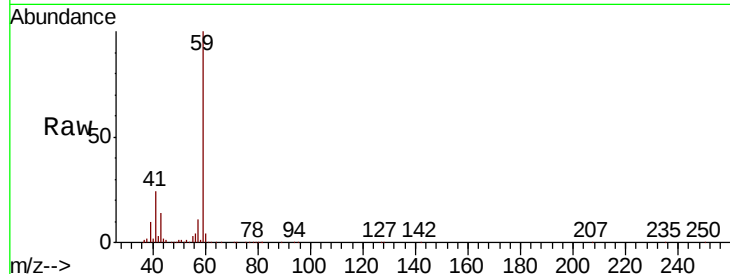


#11

Tert butyl alcohol
 Concen: 269.513 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MSD

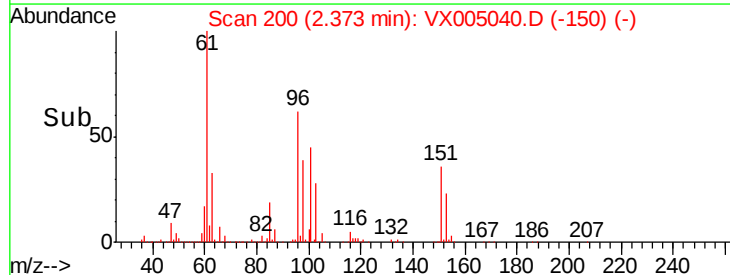
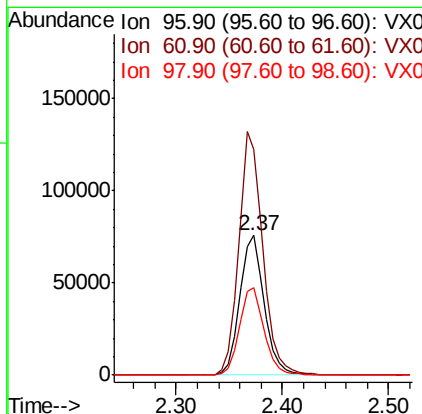
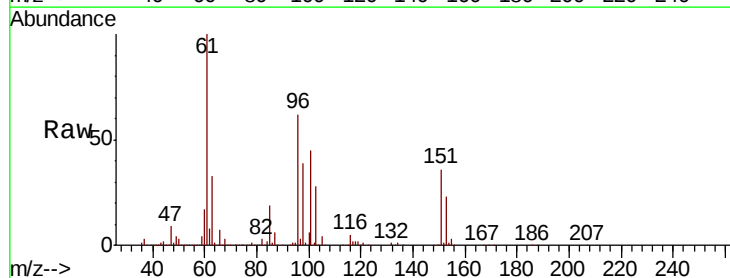
Tot Ion: 59 Resp: 231890
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 52.168 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Tgt Ion: 96 Resp: 121763
 Ion Ratio Lower Upper
 96 100
 61 161.4 130.2 195.4
 98 63.0 53.4 80.0





#13

Acrolein

Concen: 67.174 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

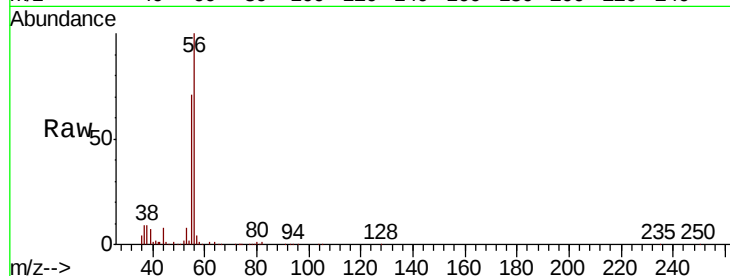
SA-TW511-2125MSD

Tot Ion: 56 Resp: 41122

Ion Ratio Lower Upper

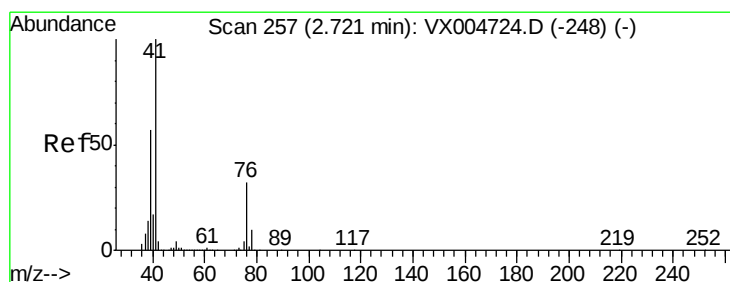
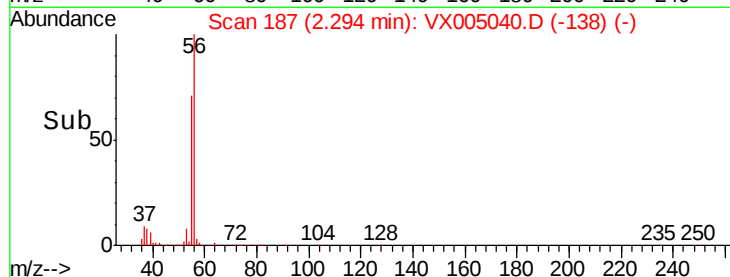
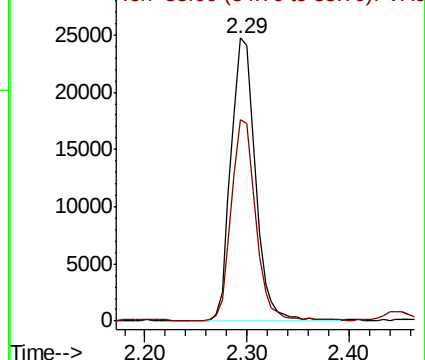
56 100

55 71.8 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.556 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

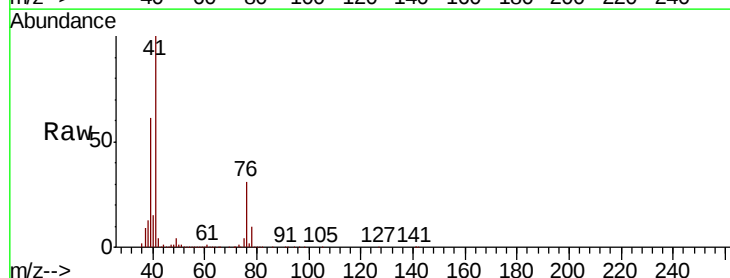
Tgt Ion: 41 Resp: 272747

Ion Ratio Lower Upper

41 100

39 57.1 44.1 66.1

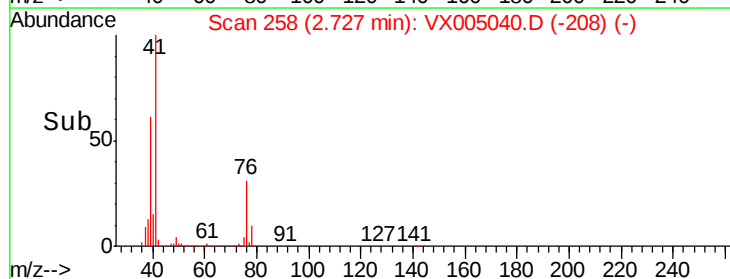
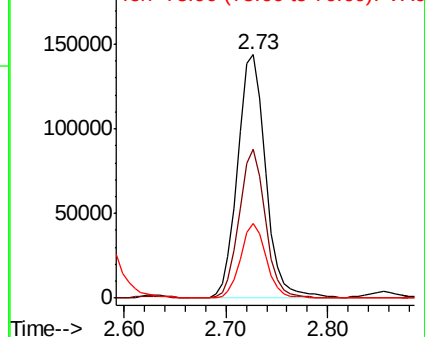
76 28.0 25.0 37.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 275.416 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

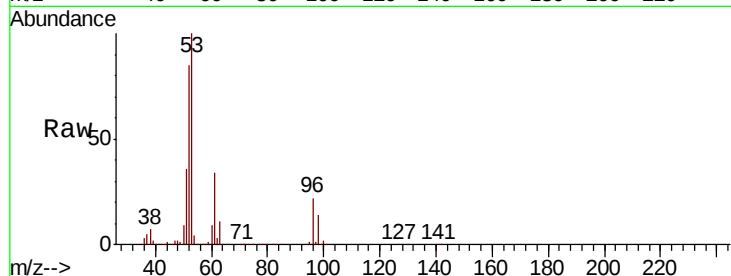
Tot Ion: 53 Resp: 521658

Ion Ratio Lower Upper

53 100

52 83.4 63.0 94.4

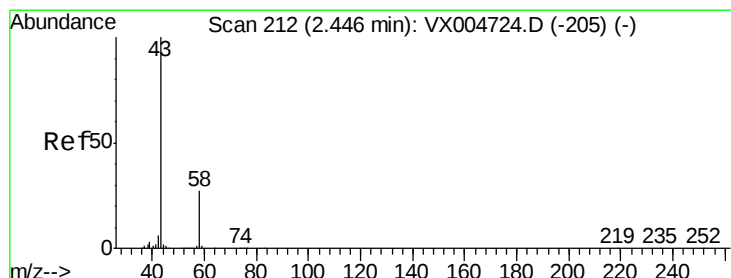
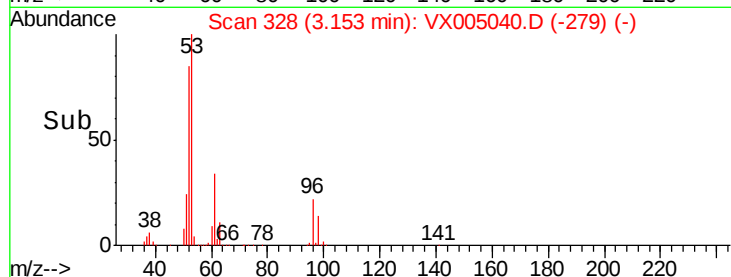
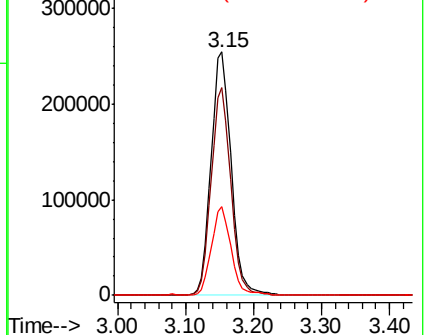
51 35.6 28.6 42.8



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: 256.642 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005040.D

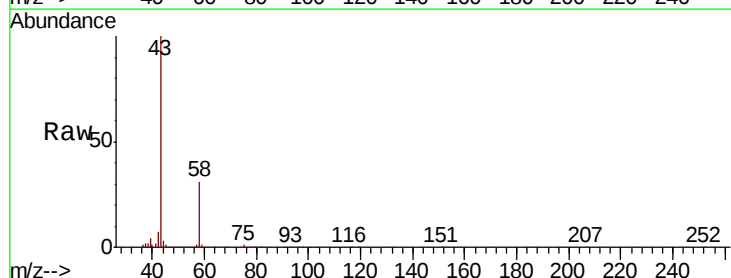
Acq: 05 Oct 2018 00:57

Tgt Ion: 43 Resp: 461060

Ion Ratio Lower Upper

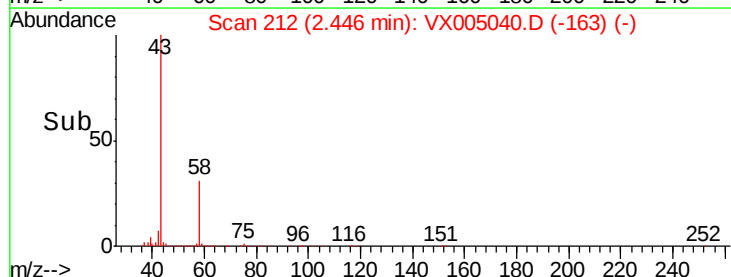
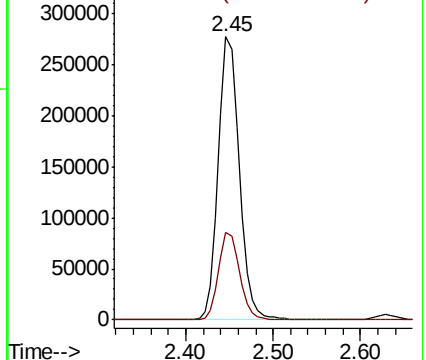
43 100

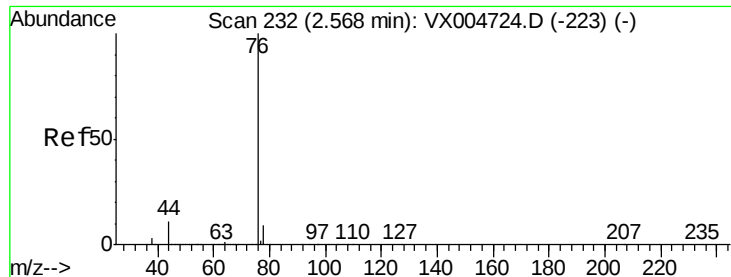
58 31.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

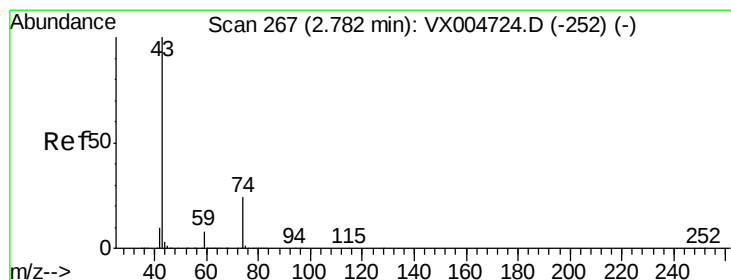
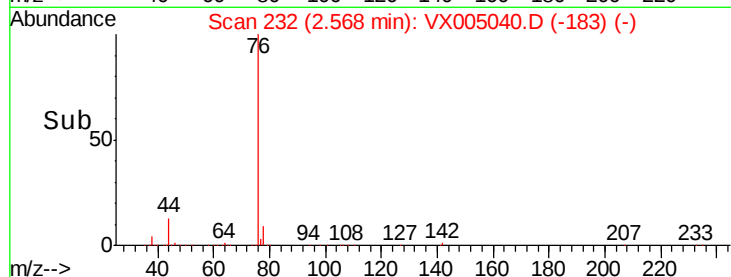
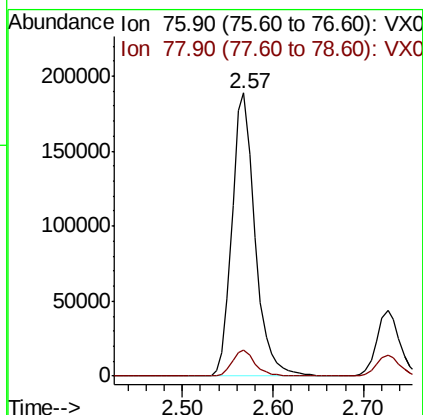
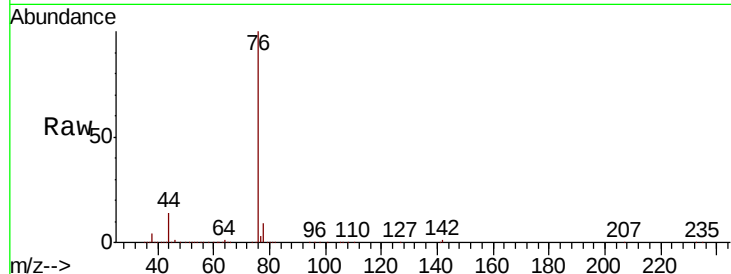




#17
Carbon Disulfide
Concen: 47.340 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

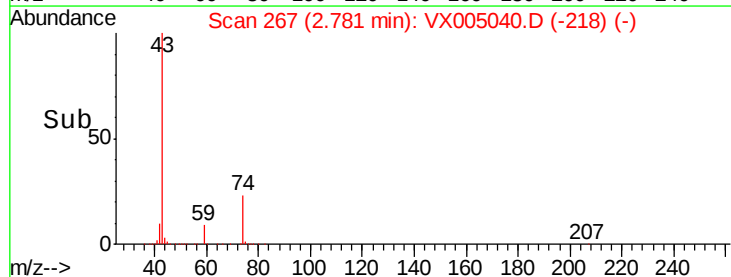
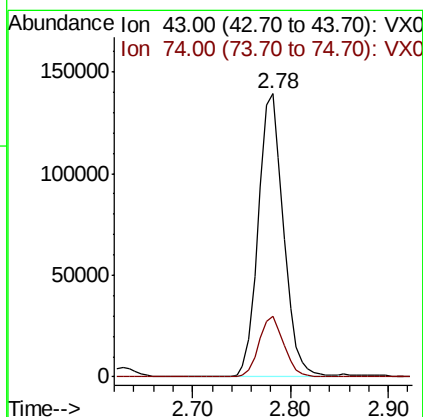
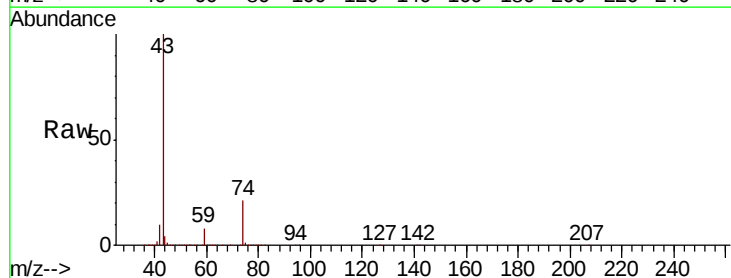
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

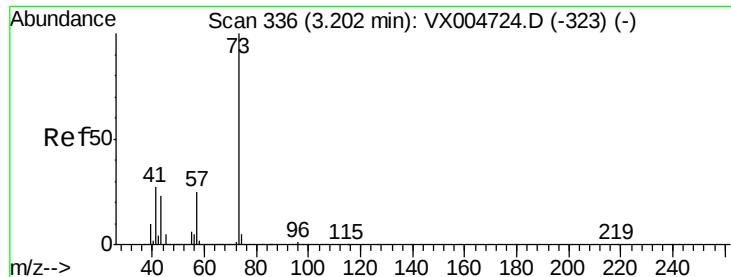
Tot Ion: 76 Resp: 332025
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 54.475 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion: 43 Resp: 247950
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8



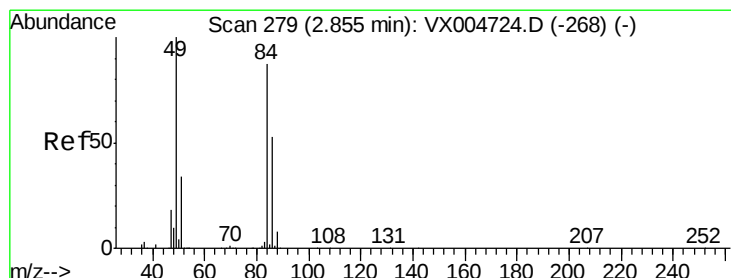
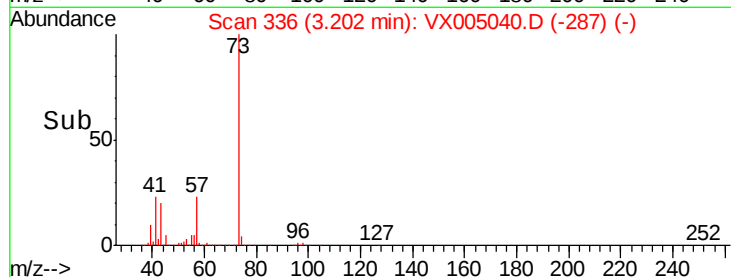
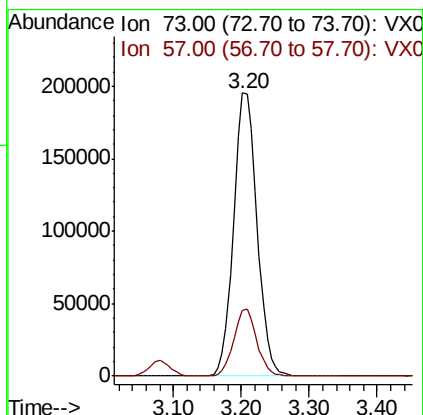
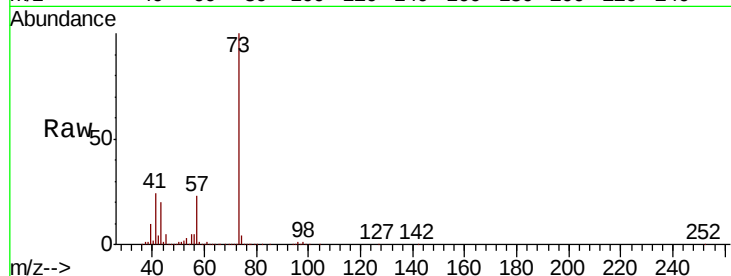


#19

Methyl tert-butyl Ether
 Concen: 58.110 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MSD

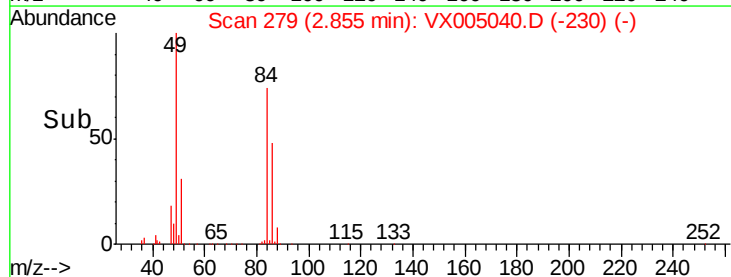
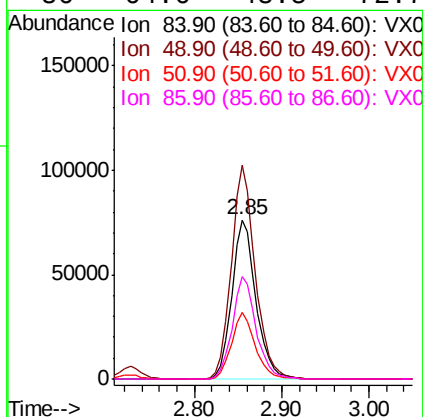
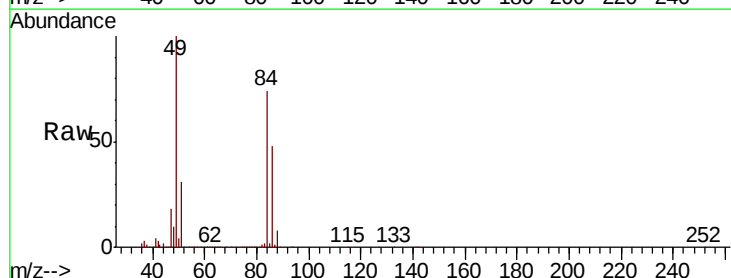
Tot Ion: 73 Resp: 467839
 Ion Ratio Lower Upper
 73 100
 57 23.3 19.9 29.9

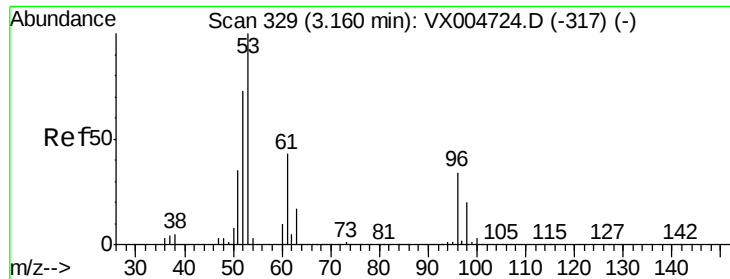


#20

Methylene Chloride
 Concen: 55.806 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Tgt Ion: 84 Resp: 145512
 Ion Ratio Lower Upper
 84 100
 49 134.4 92.3 138.5
 51 41.7 31.8 47.6
 86 64.6 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 51.043 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

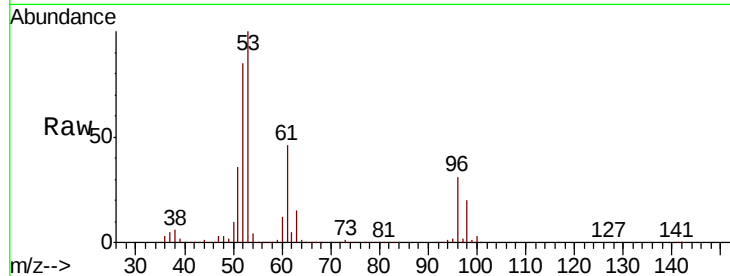
Tot Ion: 96 Resp: 130417

Ion Ratio Lower Upper

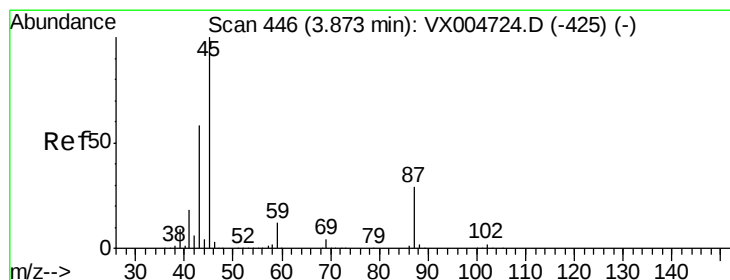
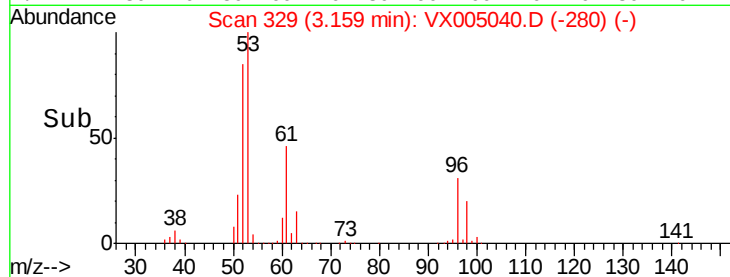
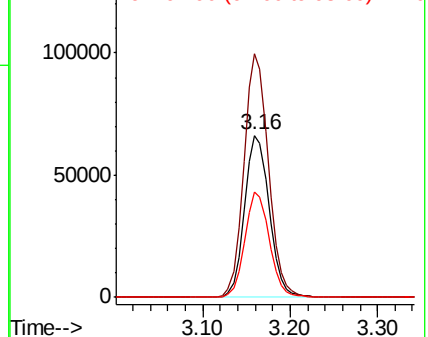
96 100

61 149.9 101.0 151.6

98 65.2 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: 55.300 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Tgt Ion: 45 Resp: 474238

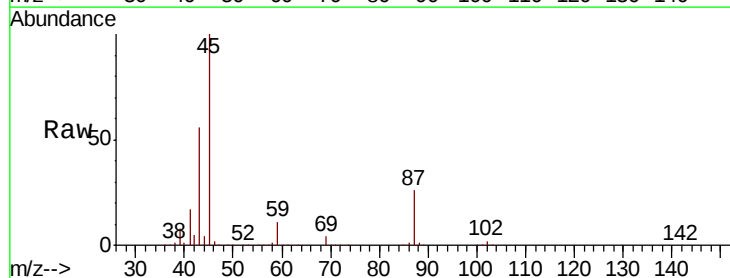
Ion Ratio Lower Upper

45 100

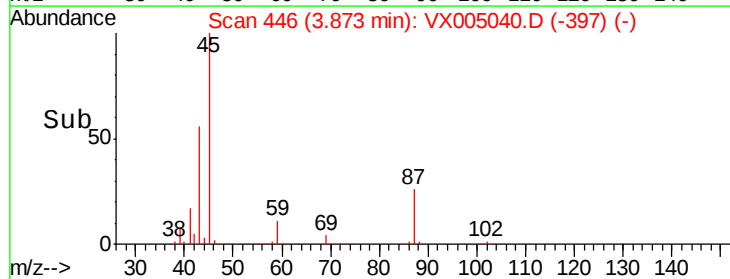
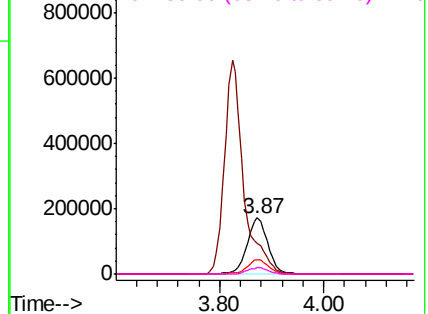
43 55.7 46.7 70.1

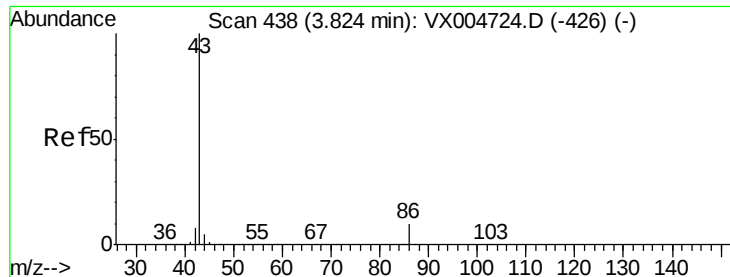
87 25.8 22.9 34.3

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: 216.571 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

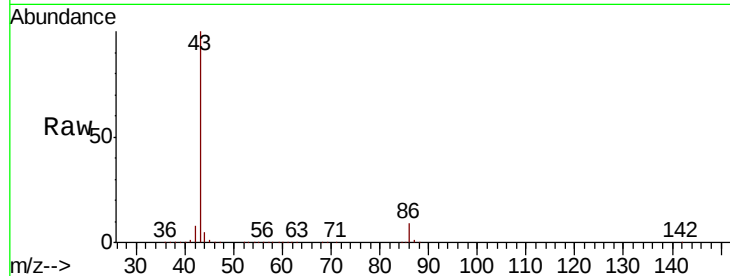
SA-TW511-2125MSD

Tot Ion: 43 Resp: 1700046

Ion Ratio Lower Upper

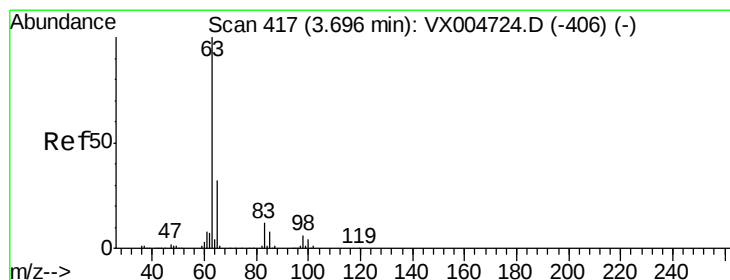
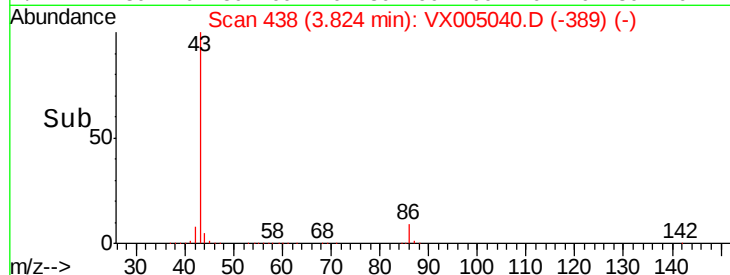
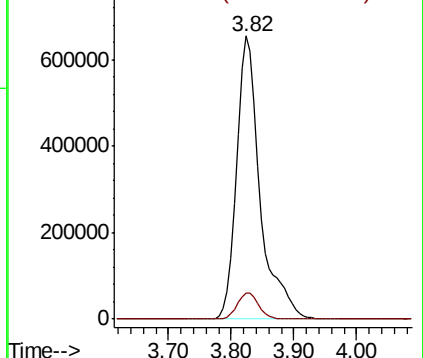
43 100

86 9.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.391 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

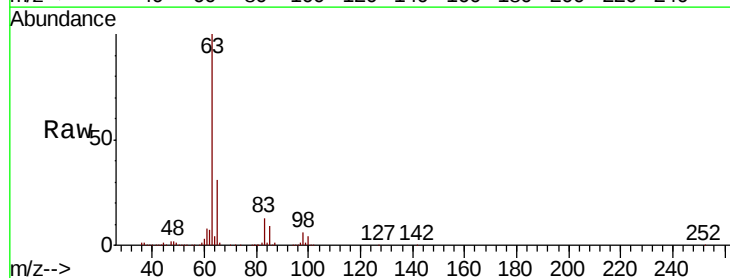
Tgt Ion: 63 Resp: 268007

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

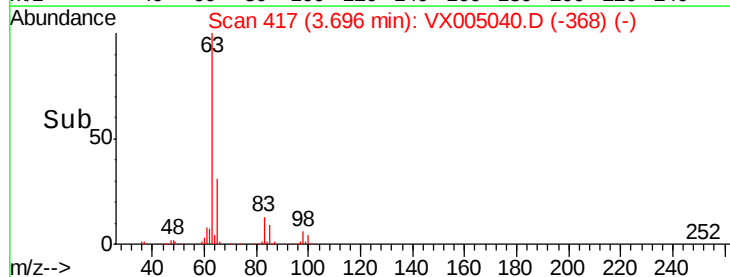
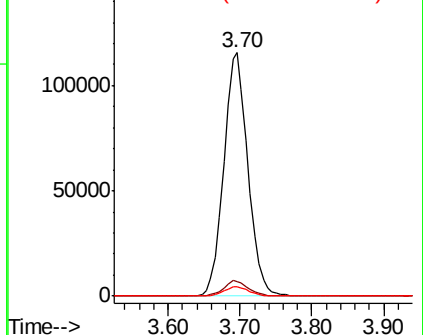
100 3.8 2.0 5.8

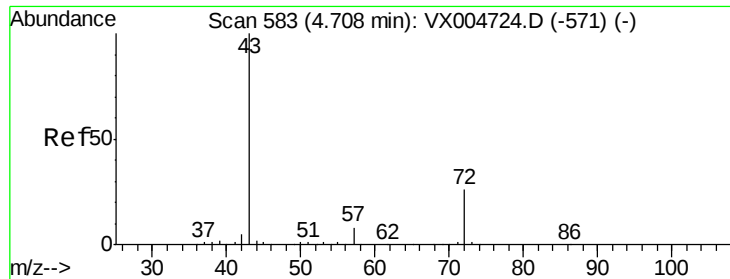


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 262.500 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

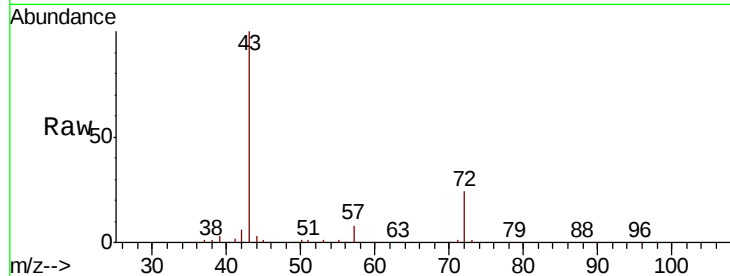
SA-TW511-2125MSD

Tot Ion: 43 Resp: 695127

Ion Ratio Lower Upper

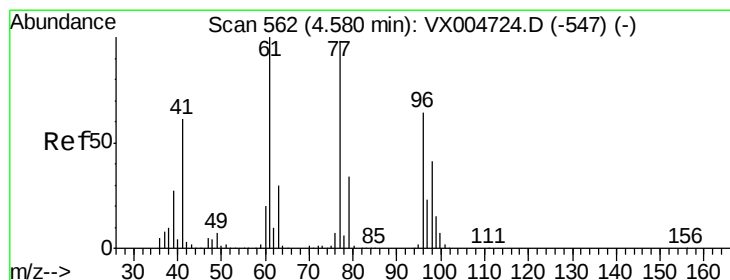
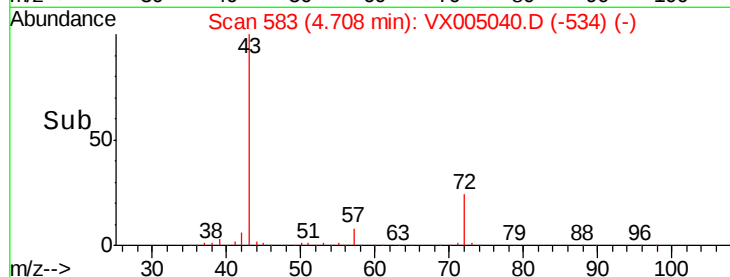
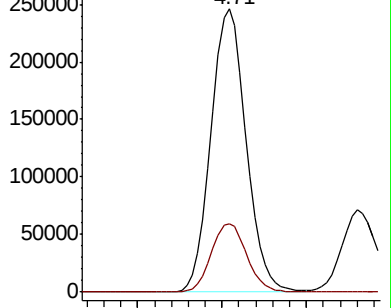
43 100

72 24.2 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: 38.958 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005040.D

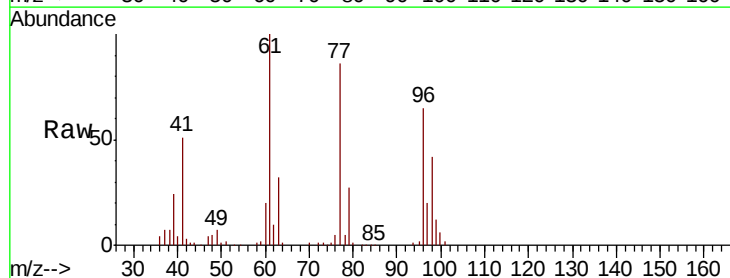
Acq: 05 Oct 2018 00:57

Tgt Ion: 77 Resp: 138776

Ion Ratio Lower Upper

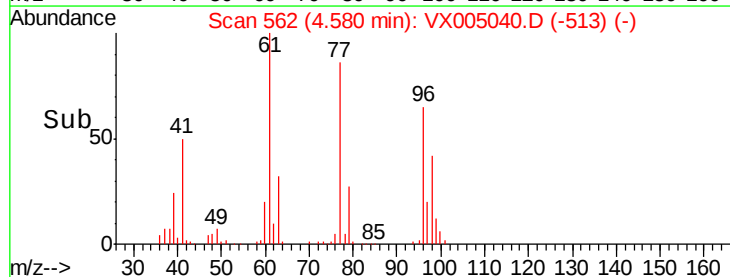
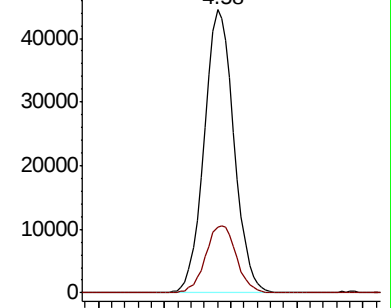
77 100

97 24.6 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



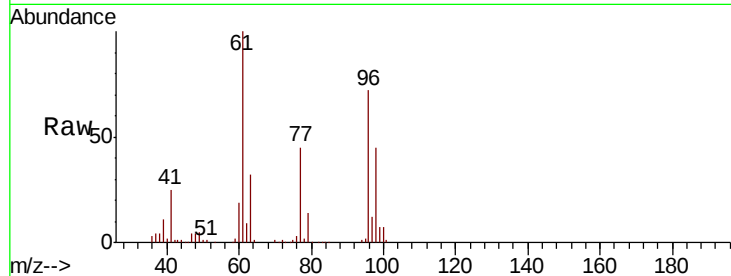


#27

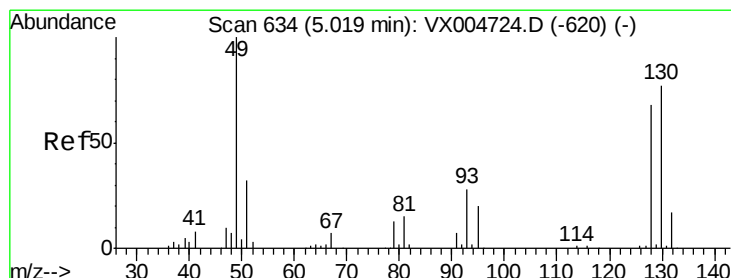
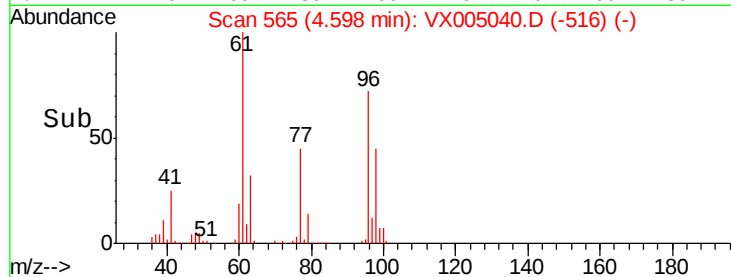
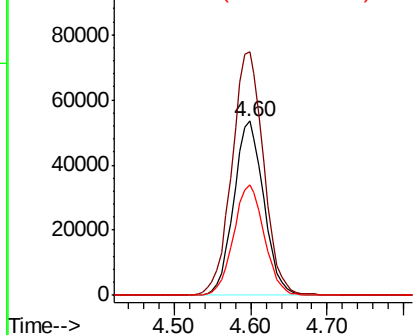
cis-1,2-Dichloroethene
Concen: 51.012 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	285.8
98	64.7	0.0	136.2



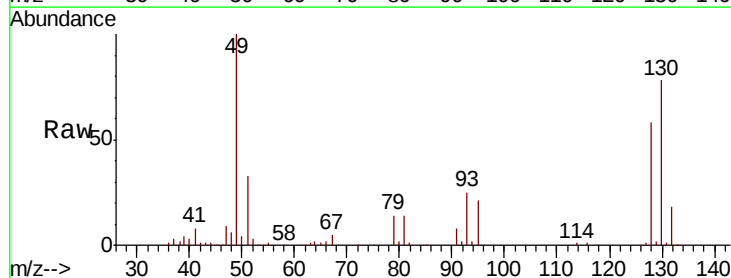
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



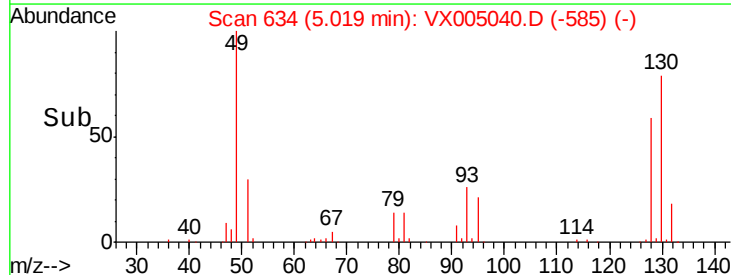
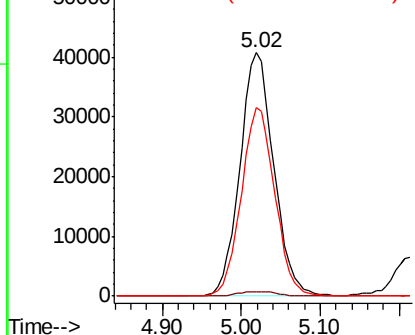
#28

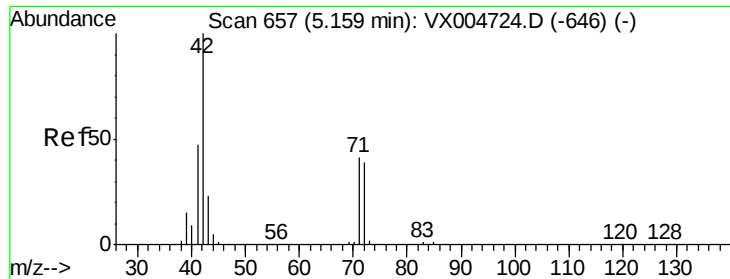
Bromochloromethane
Concen: 50.487 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

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



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





#29

Tetrahydrofuran

Concen: 276.903 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

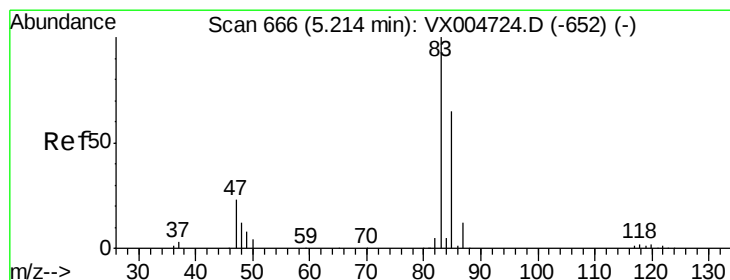
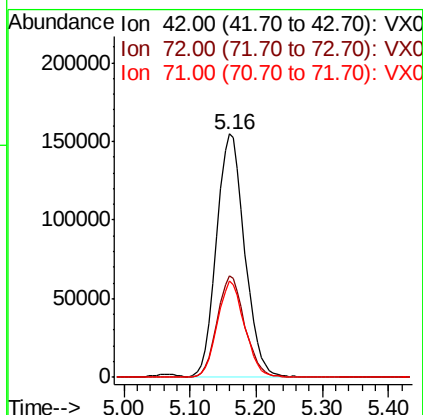
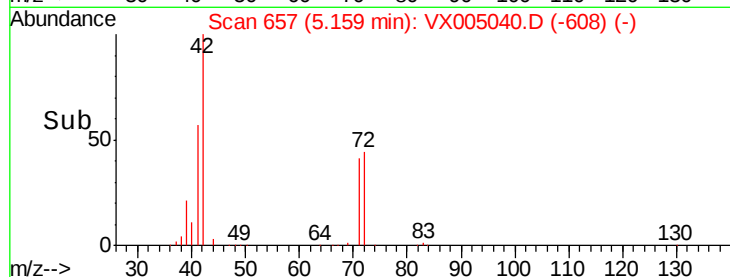
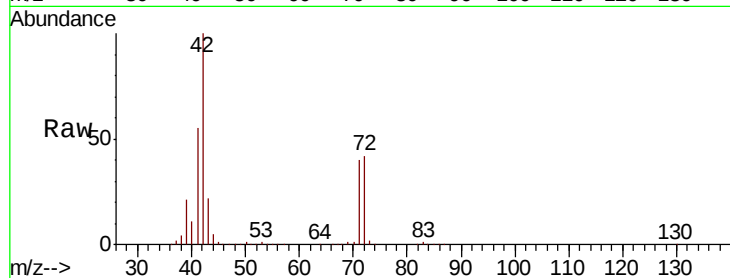
Tot Ion: 42 Resp: 455752

Ion Ratio Lower Upper

42 100

72 41.1 33.7 50.5

71 38.6 32.2 48.4



#30

Chloroform

Concen: 51.776 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005040.D

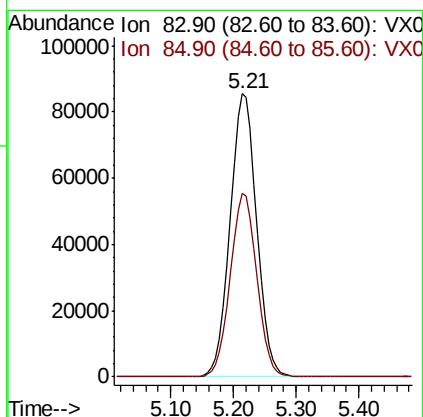
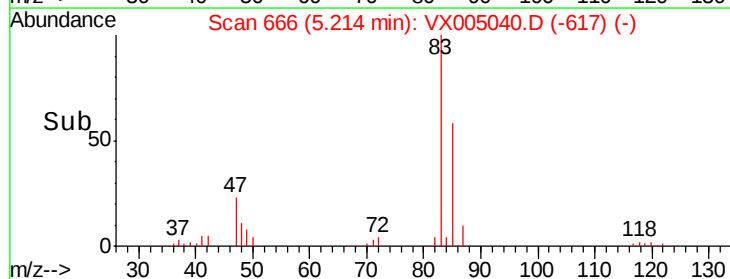
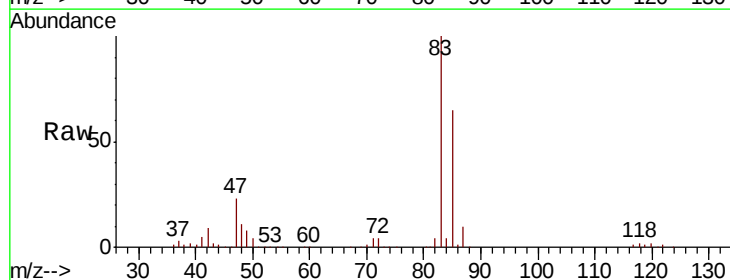
Acq: 05 Oct 2018 00:57

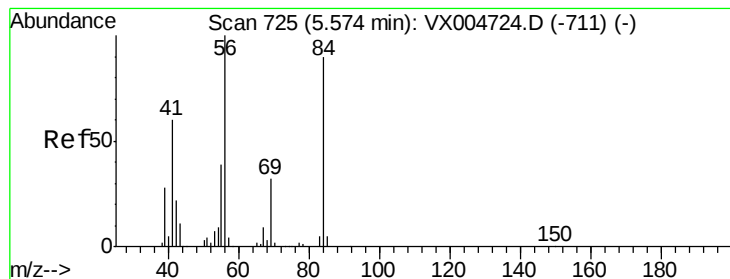
Tgt Ion: 83 Resp: 250318

Ion Ratio Lower Upper

83 100

85 64.8 52.4 78.6





#31

Cyclohexane

Concen: 53.786 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

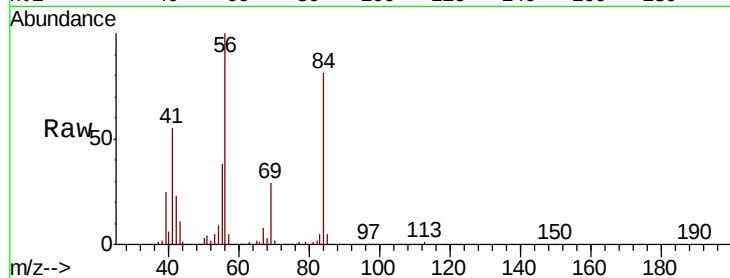
Tot Ion: 56 Resp: 210585

Ion Ratio Lower Upper

56 100

69 28.9 25.9 38.9

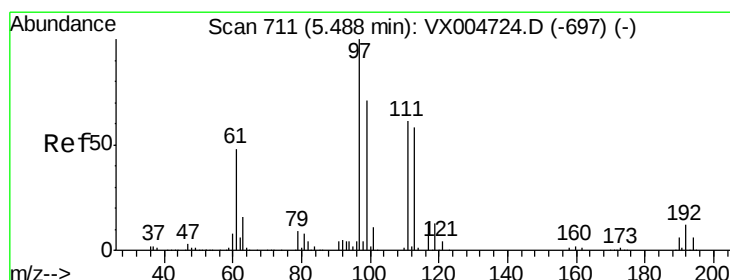
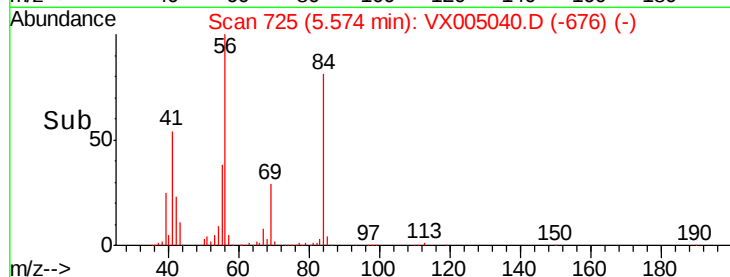
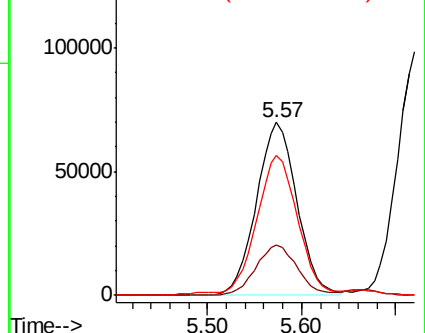
84 79.6 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.864 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

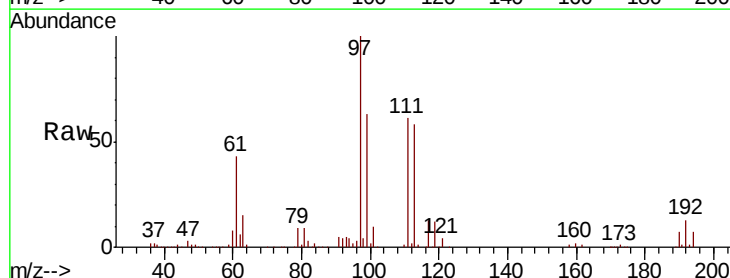
Tgt Ion: 97 Resp: 208725

Ion Ratio Lower Upper

97 100

99 64.4 54.6 82.0

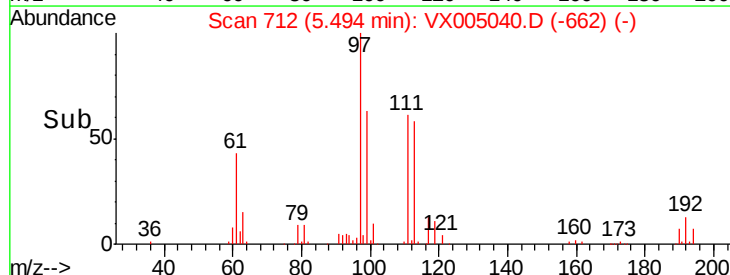
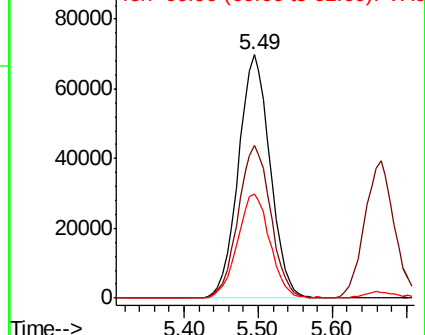
61 43.9 37.5 56.3

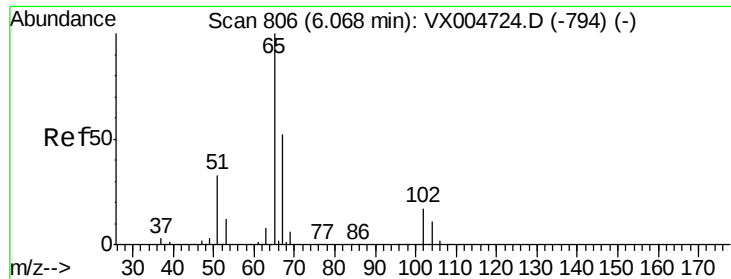


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.201 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

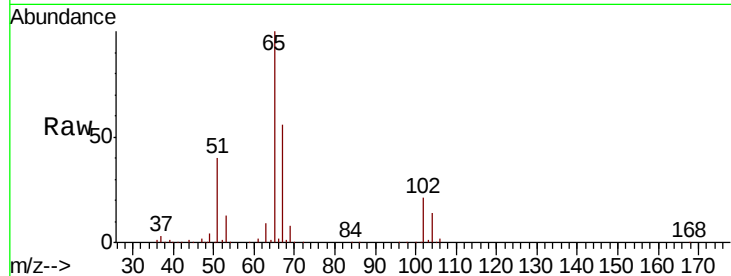
SA-TW511-2125MSD

Tot Ion: 65 Resp: 160631

Ion Ratio Lower Upper

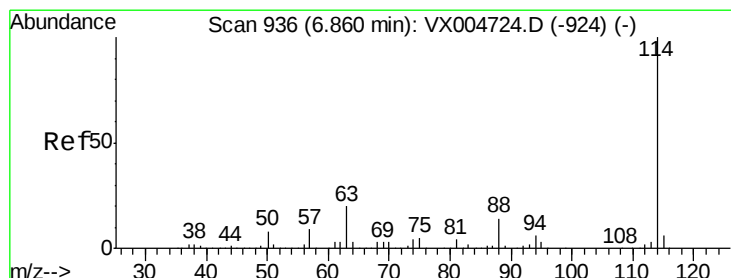
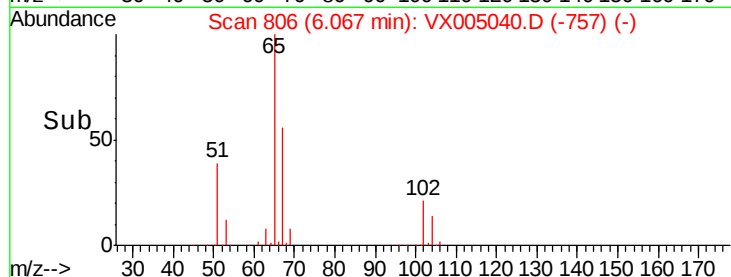
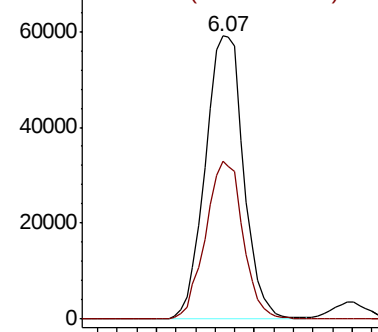
65 100

67 54.5 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: VX005040.D

Acq: 05 Oct 2018 00:57

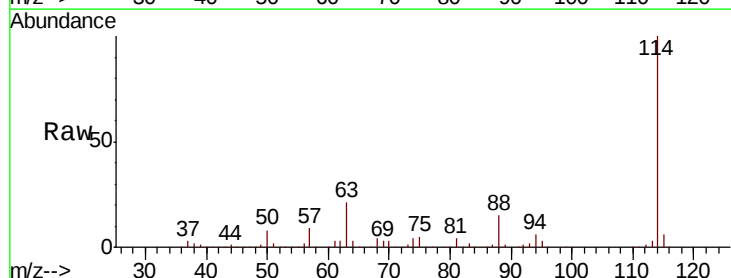
Tgt Ion: 114 Resp: 335262

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.8

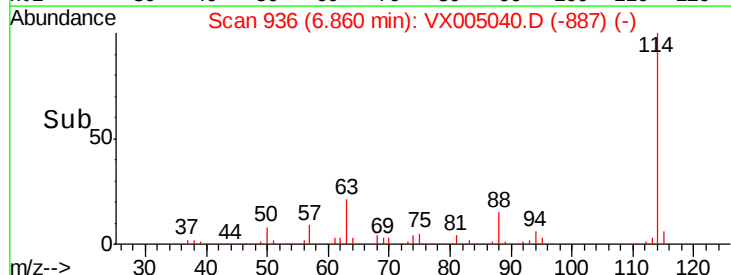
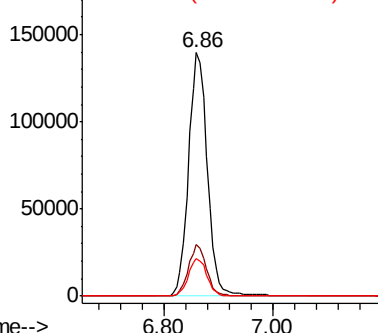
88 15.5 0.0 27.0



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

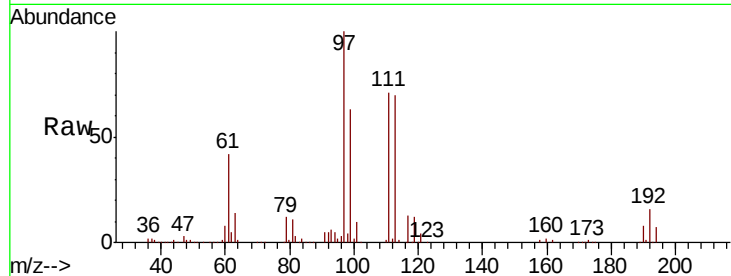




#35
 Dibromofluoromethane
 Concen: 45.401 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	77.0	115.4
192	23.3	17.0	25.6

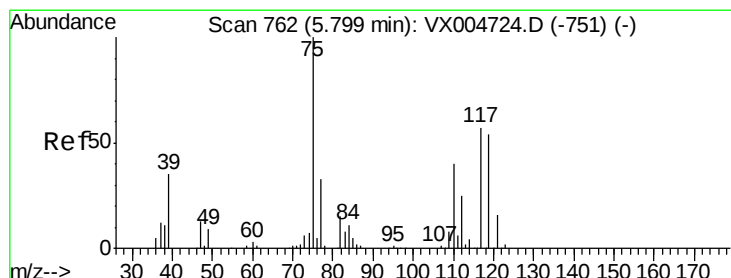
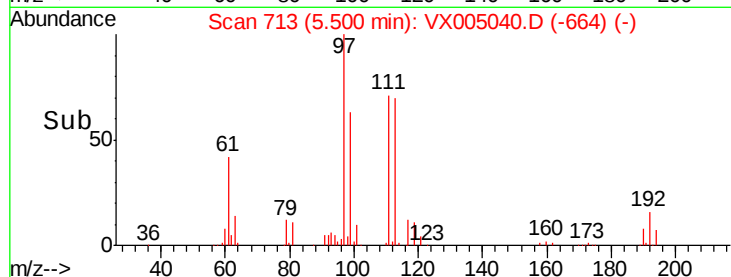
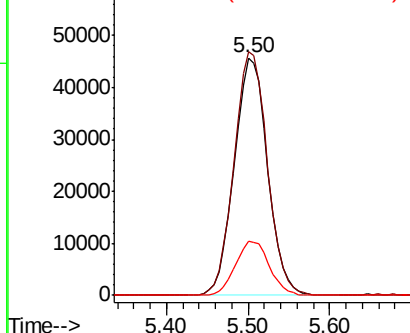


Abundance

Ion 112.80 (112.50 to 113.50): V

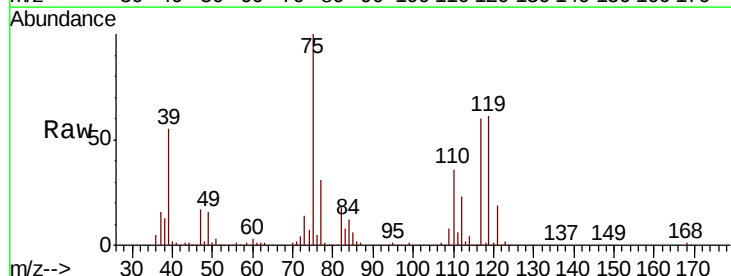
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 45.950 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	20.0	59.9
77	30.3	27.1	40.7

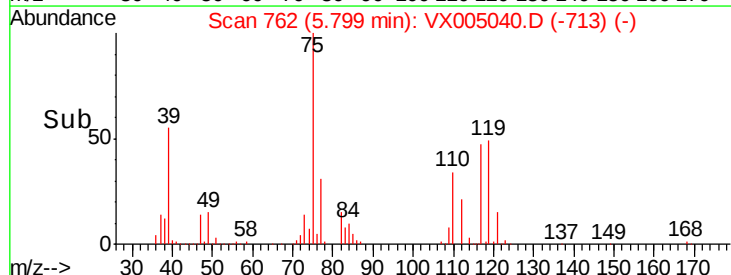
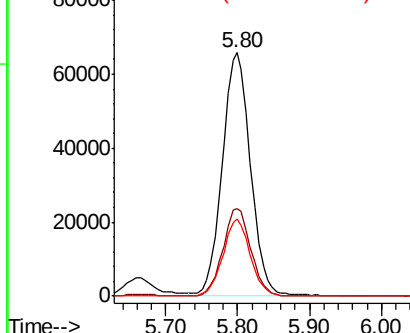


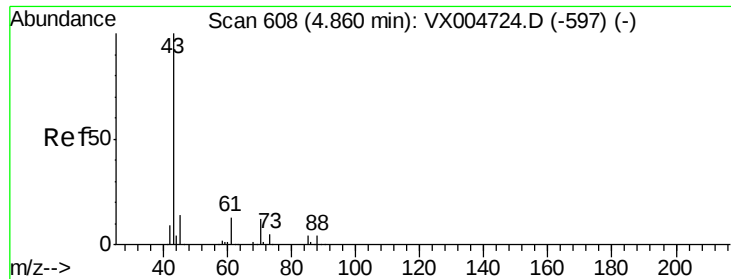
Abundance

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

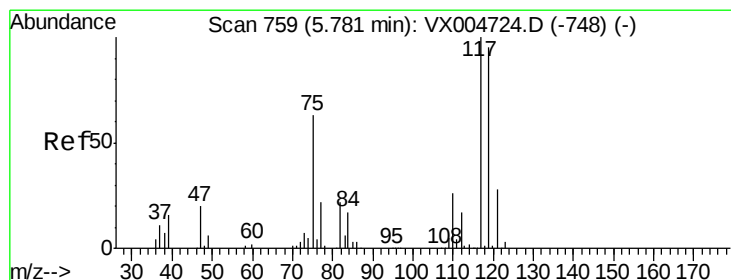
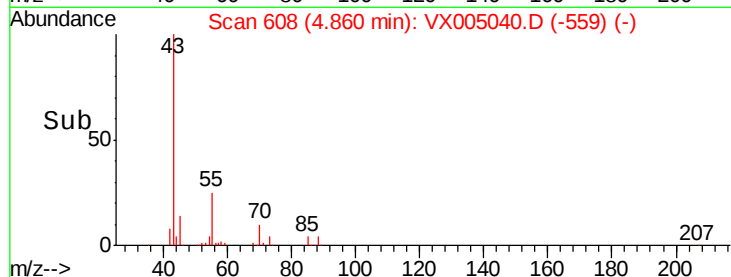
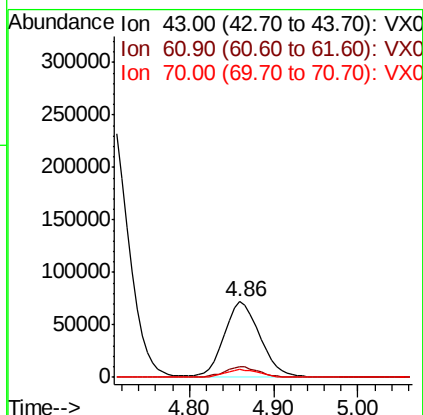
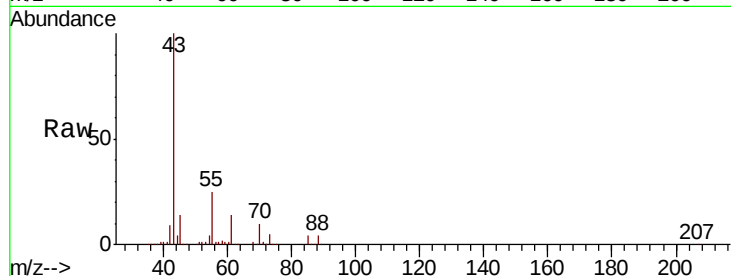




#37
Ethyl Acetate
Concen: 40.405 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

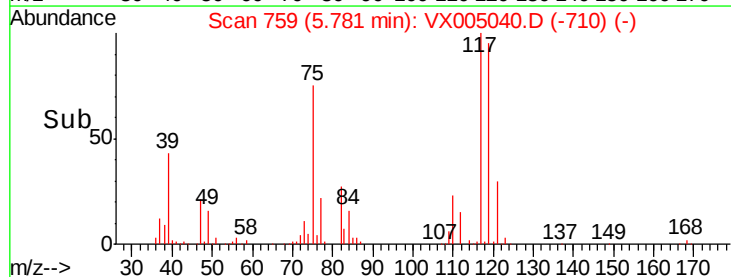
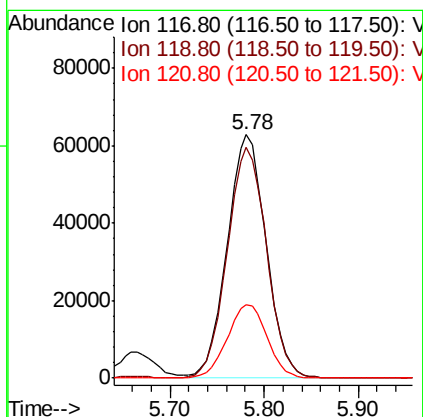
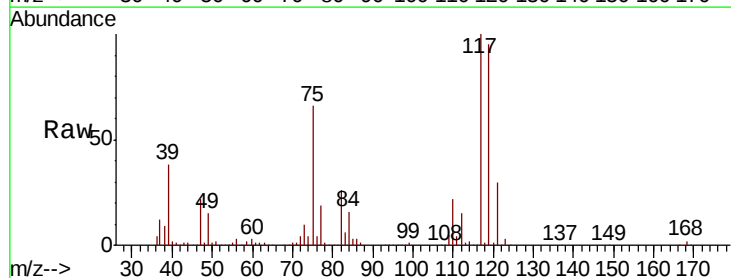
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

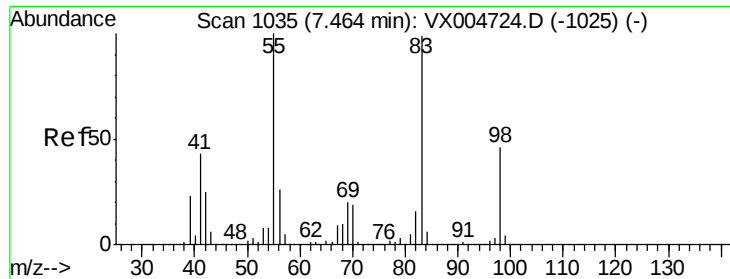
Tot Ion: 43 Resp: 207922
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 10.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 44.302 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion: 117 Resp: 180535
Ion Ratio Lower Upper
117 100
119 94.6 75.2 112.8
121 30.1 22.5 33.7

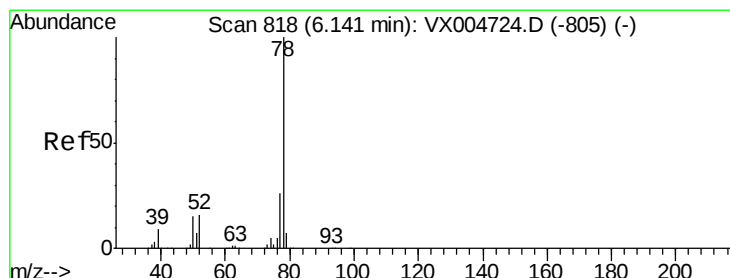
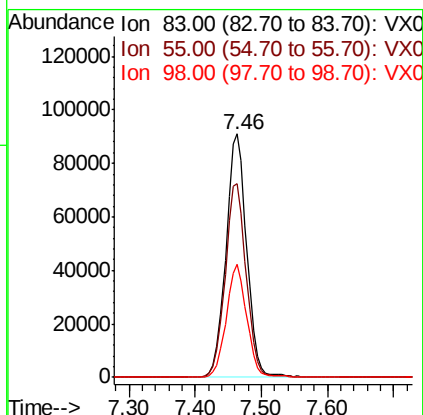
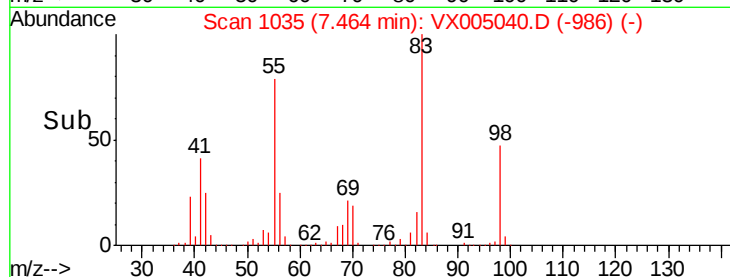
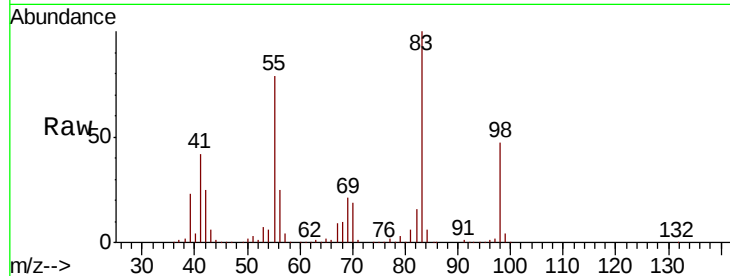




#39
Methvlcvclohexane
Concen: 50.075 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

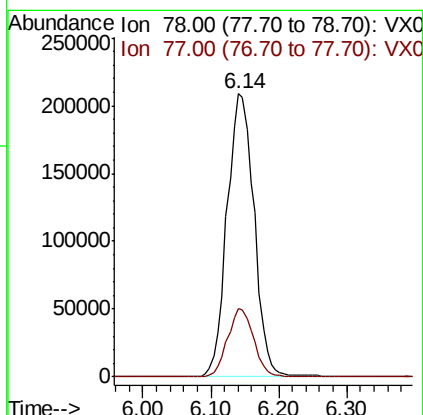
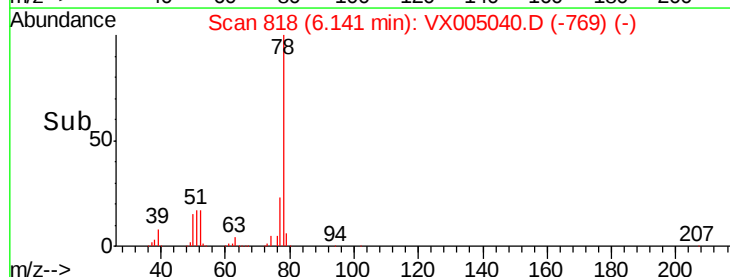
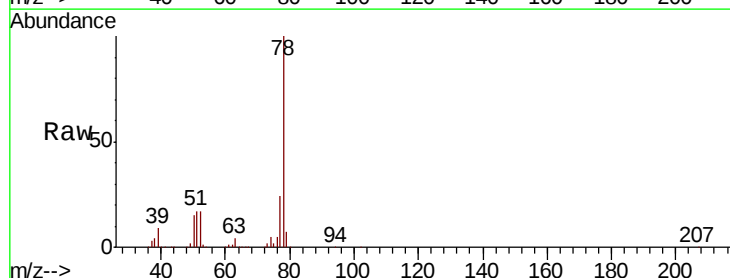
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

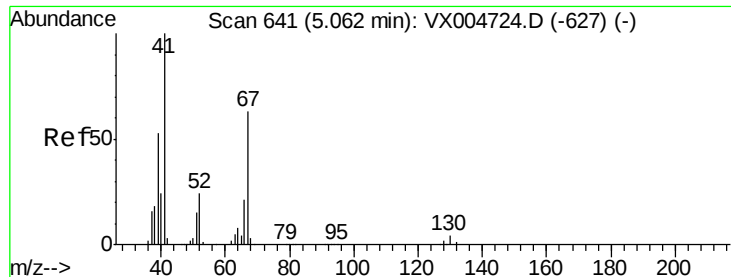
Tot Ion: 83 Resp: 198225
Ion Ratio Lower Upper
83 100
55 79.5 81.1 121.7#
98 46.5 37.3 55.9



#40
Benzene
Concen: 47.399 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion: 78 Resp: 575267
Ion Ratio Lower Upper
78 100
77 24.0 21.0 31.4

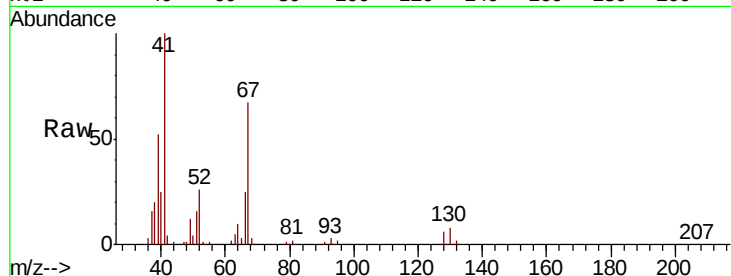




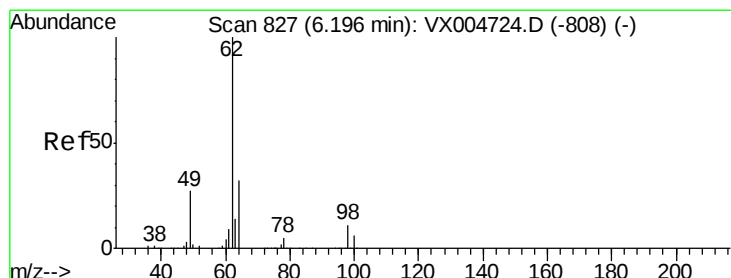
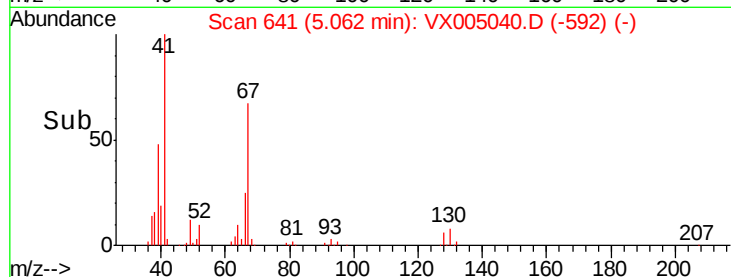
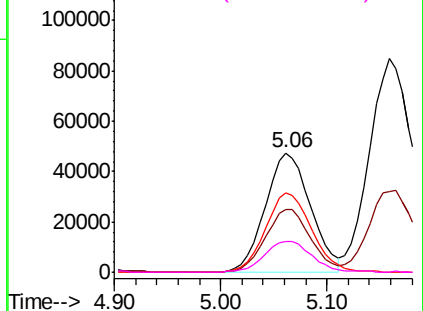
#41
Methacrylonitrile
Concen: 48.914 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

Tot Ion:	41	Resp:	139593
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.5	63.7
67	68.1	53.0	79.6
52	27.3	19.8	29.8

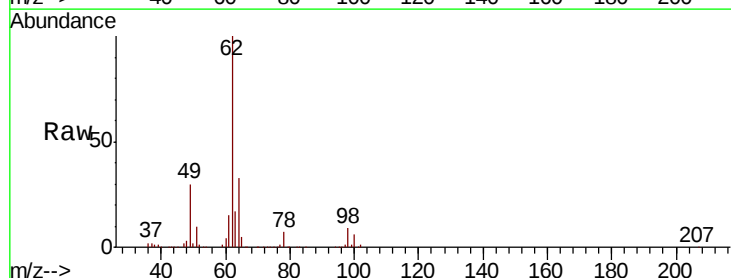


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

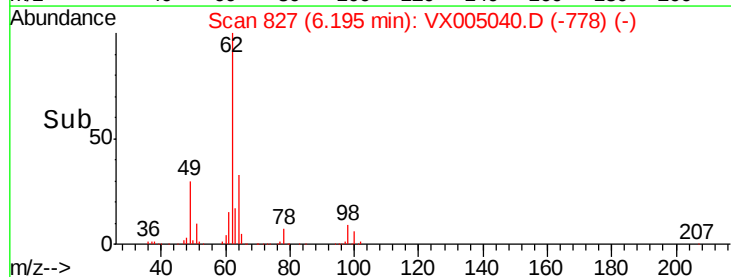
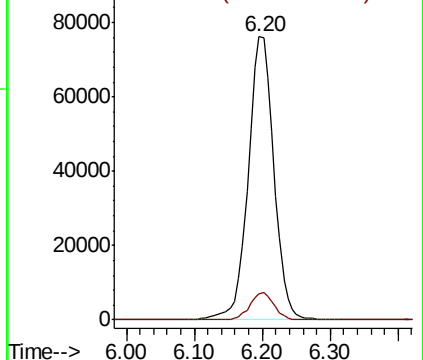


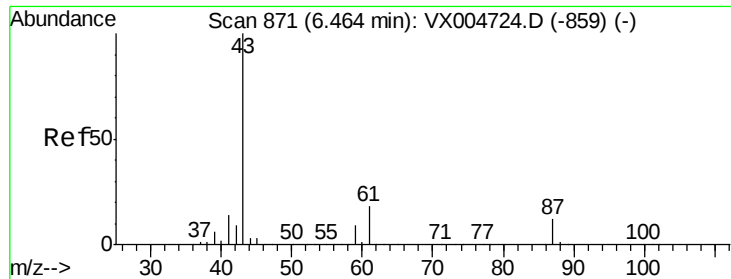
#42
1,2-Dichloroethane
Concen: 46.615 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion:	62	Resp:	200002
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 45.077 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

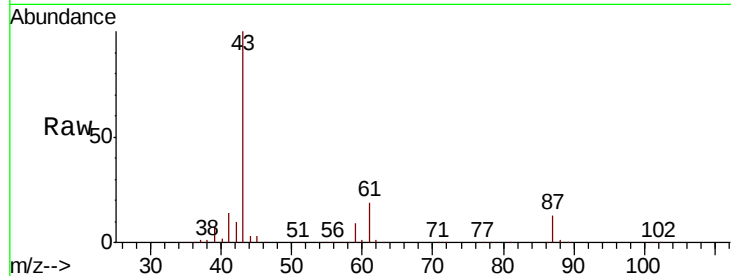
Tot Ion: 43 Resp: 334808

Ion Ratio Lower Upper

43 100

61 19.7 14.2 21.4

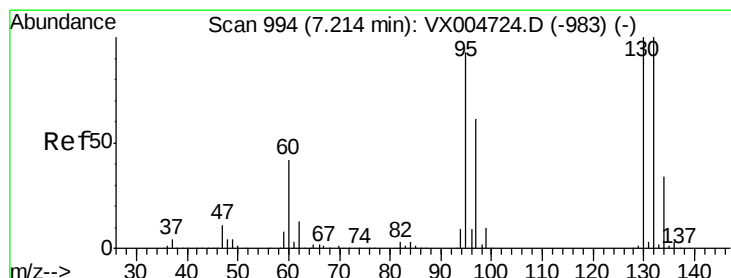
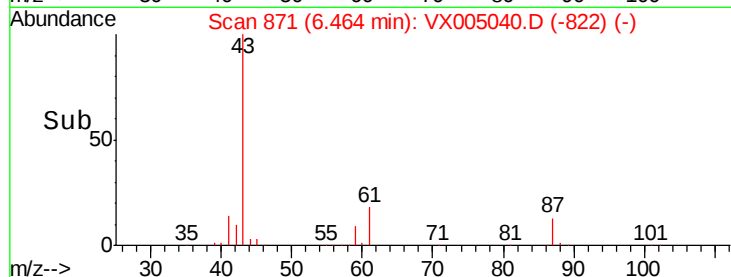
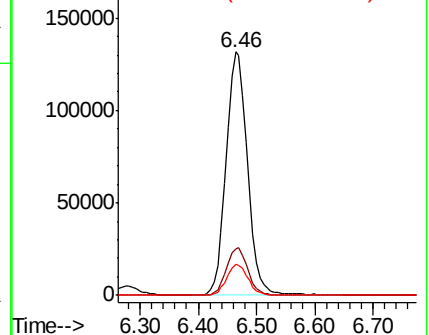
87 12.7 9.3 13.9



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: 49.202 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005040.D

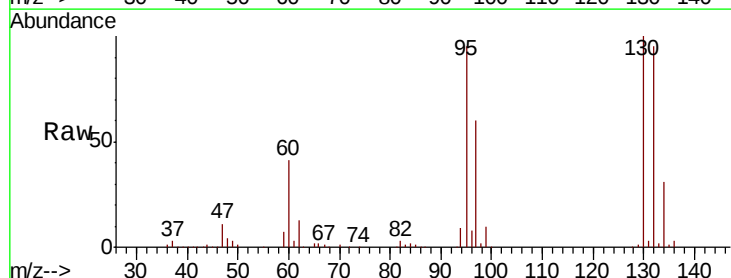
Acq: 05 Oct 2018 00:57

Tgt Ion:130 Resp: 146800

Ion Ratio Lower Upper

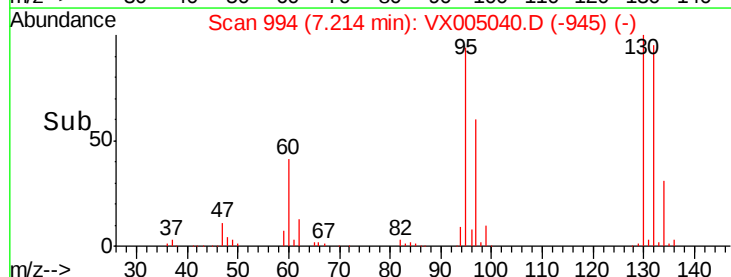
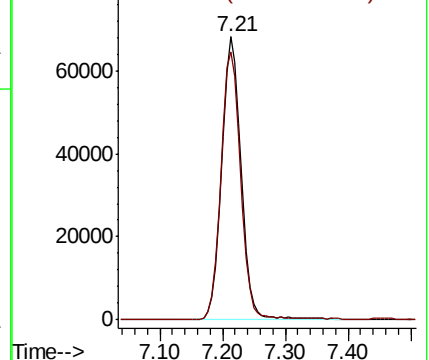
130 100

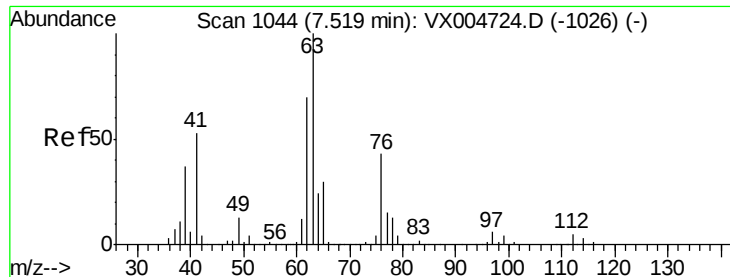
95 94.6 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

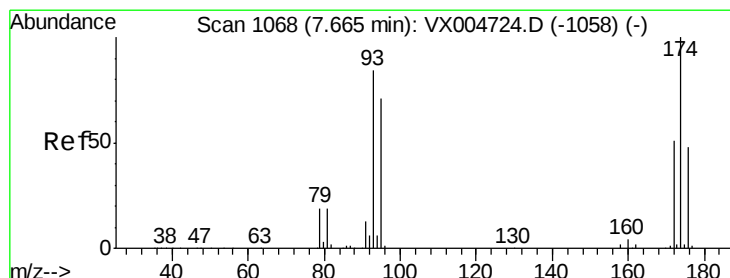
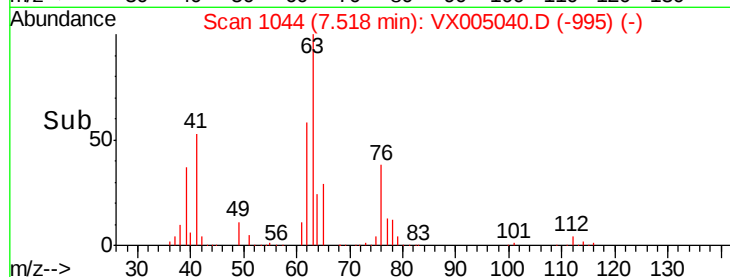
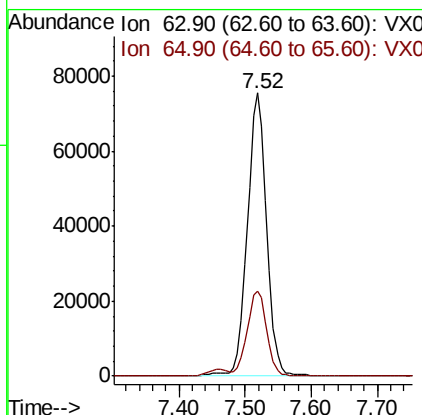
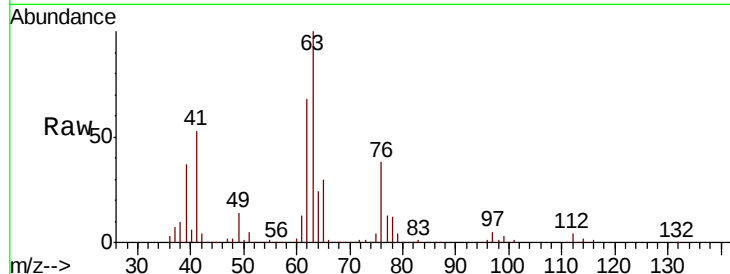




#45
 1,2-Dichloropropane
 Concen: 51.604 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

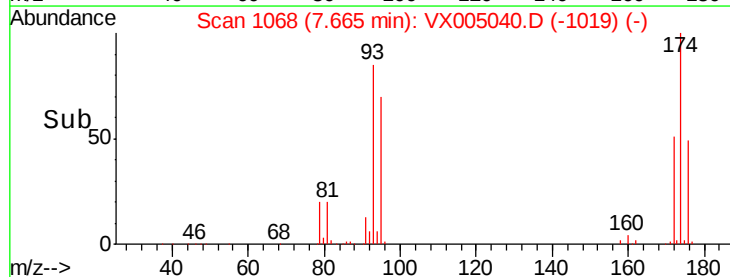
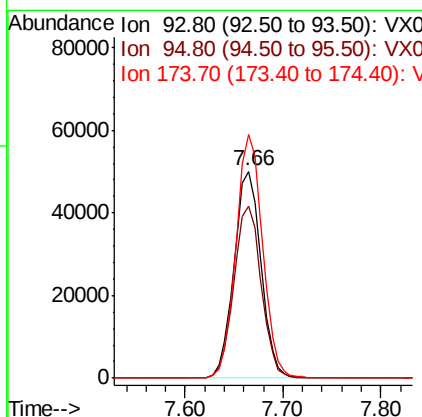
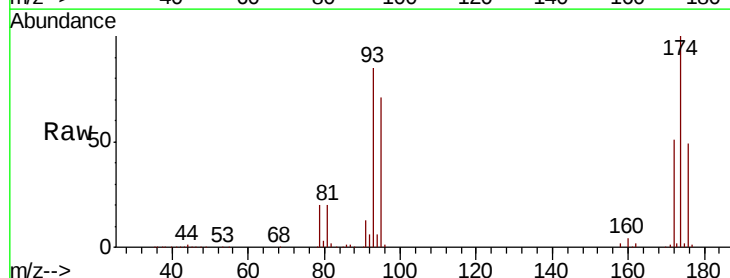
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MSD

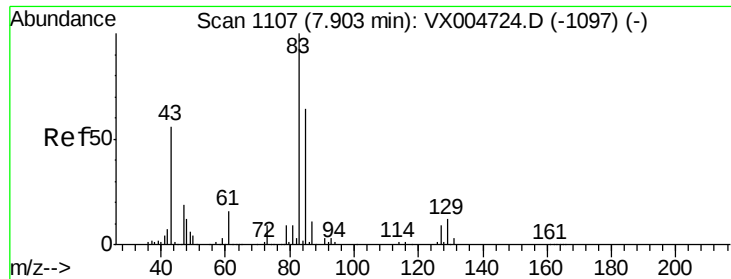
Tot Ion: 63 Resp: 153590
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.9 35.9



#46
 Dibromomethane
 Concen: 51.418 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Tgt Ion: 93 Resp: 96178
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.7 100.1
 174 116.2 92.7 139.1





#47

Bromodichloromethane

Concen: 53.449 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

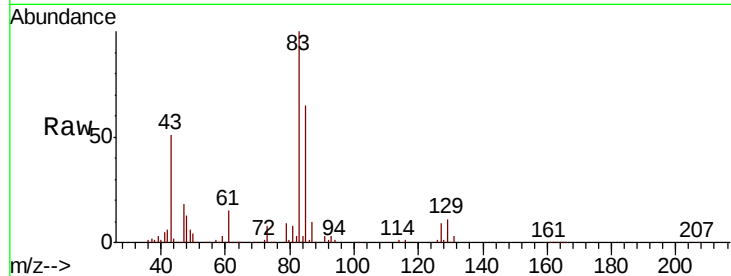
Tot Ion: 83 Resp: 187183

Ion Ratio Lower Upper

83 100

85 65.0 51.2 76.8

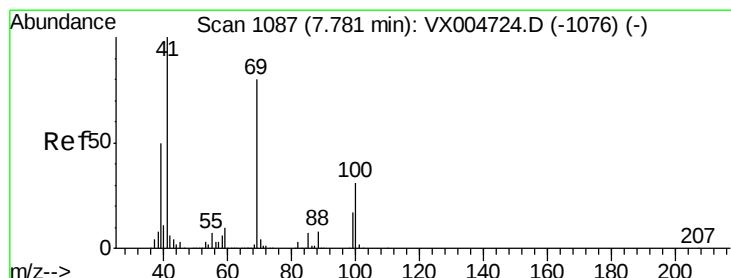
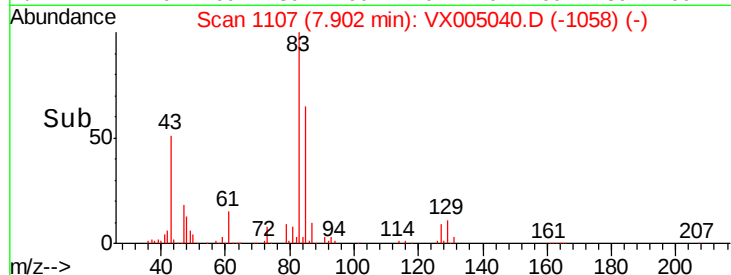
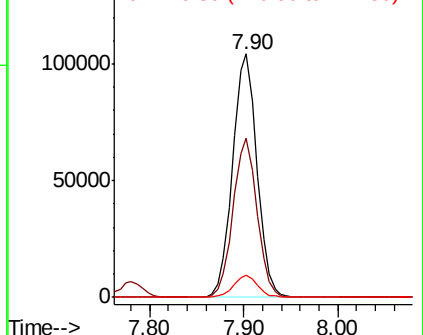
127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.952 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

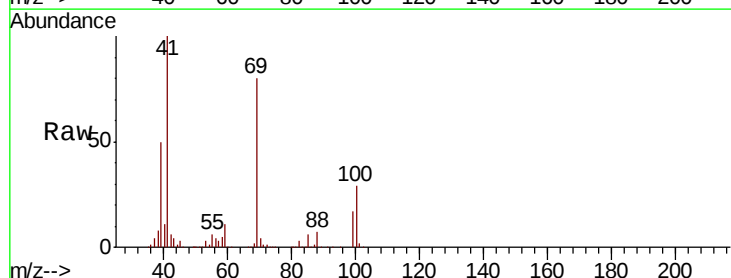
Tgt Ion: 41 Resp: 195369

Ion Ratio Lower Upper

41 100

69 79.6 63.8 95.6

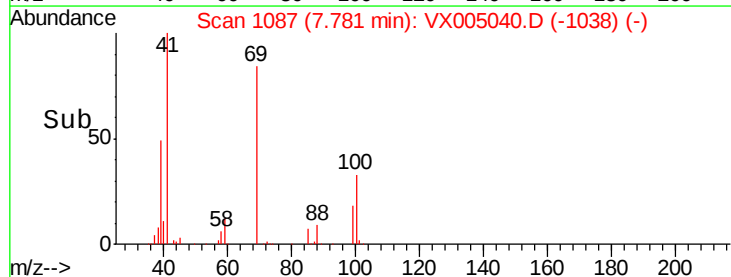
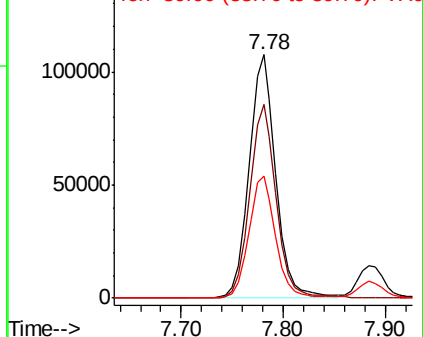
39 50.5 40.7 61.1

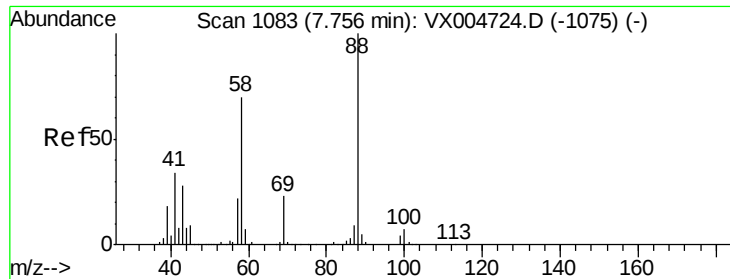


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 989.690 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

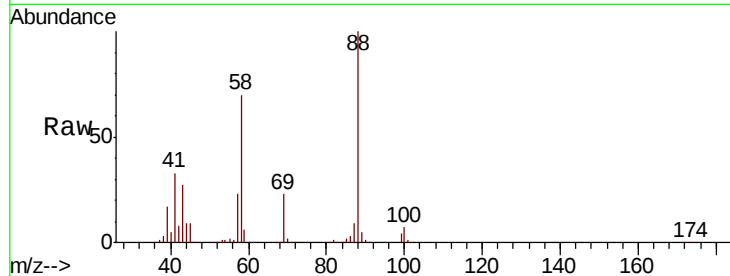
Tot Ion: 88 Resp: 82890

Ion Ratio Lower Upper

88 100

43 32.4 25.1 37.7

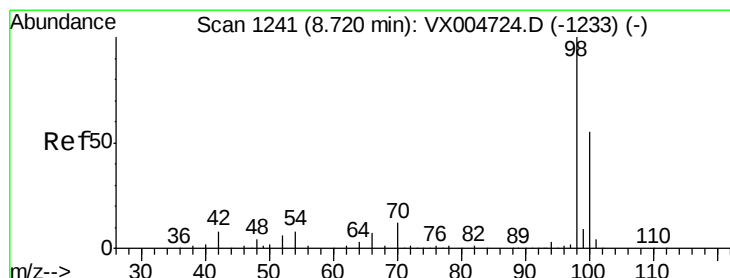
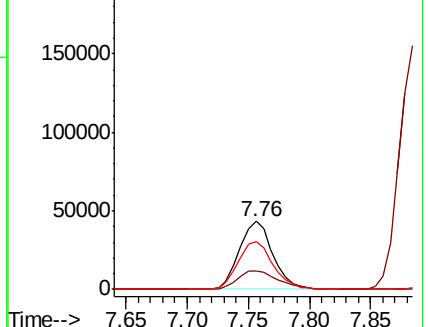
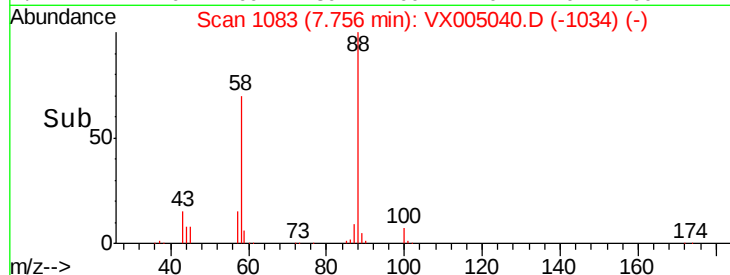
58 72.9 56.2 84.2



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: 51.419 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005040.D

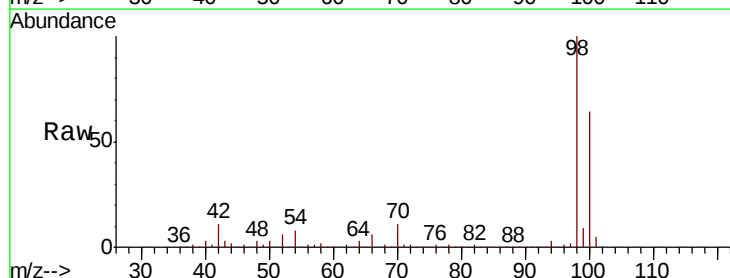
Acq: 05 Oct 2018 00:57

Tgt Ion: 98 Resp: 485710

Ion Ratio Lower Upper

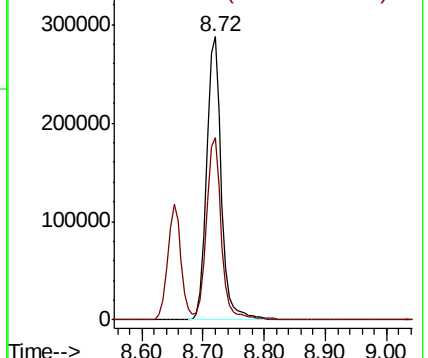
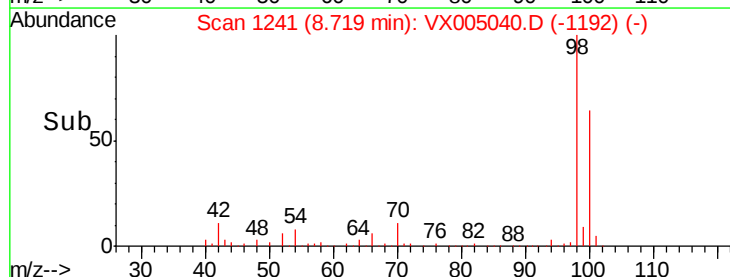
98 100

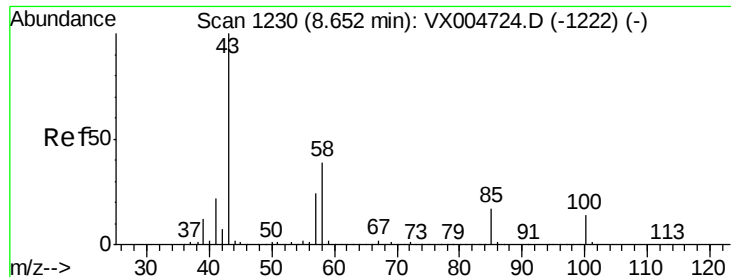
100 65.0 51.9 77.9



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: 281.773 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

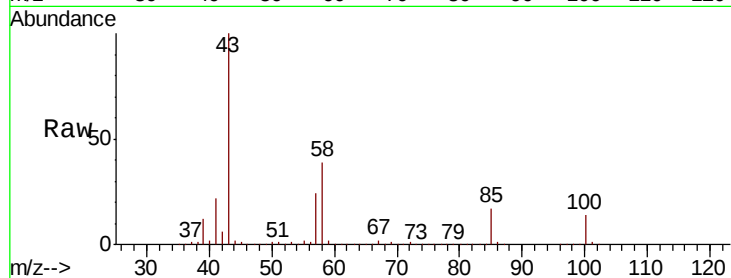
SA-TW511-2125MSD

Tot Ion: 43 Resp: 1317749

Ion Ratio Lower Upper

43 100

58 38.7 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

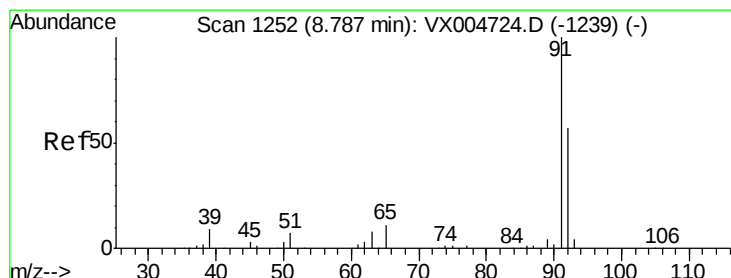
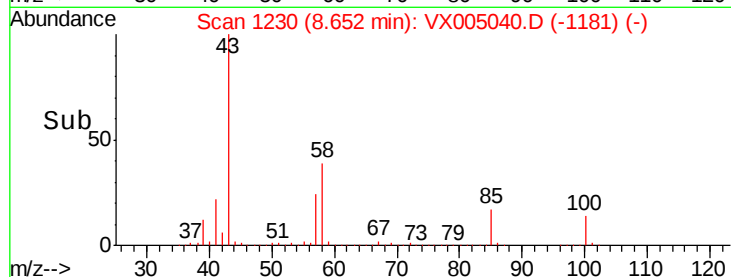
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.759 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005040.D

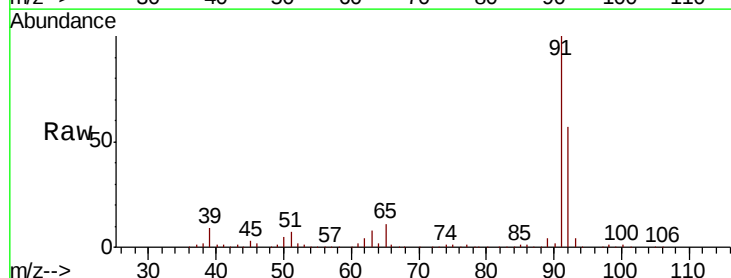
Acq: 05 Oct 2018 00:57

Tgt Ion: 92 Resp: 345181

Ion Ratio Lower Upper

92 100

91 174.9 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

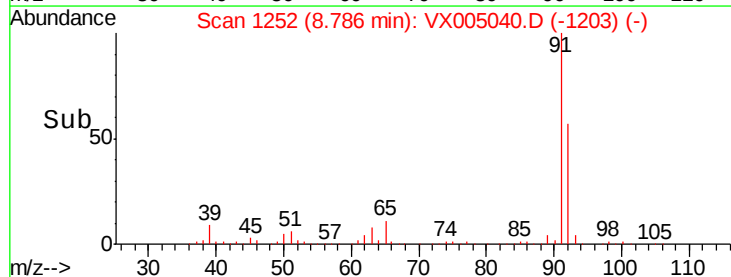
300000

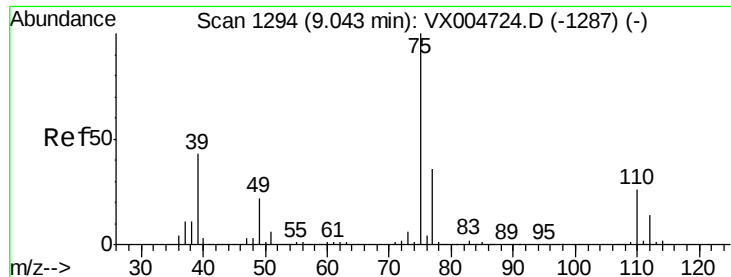
200000

100000

0

Time-->

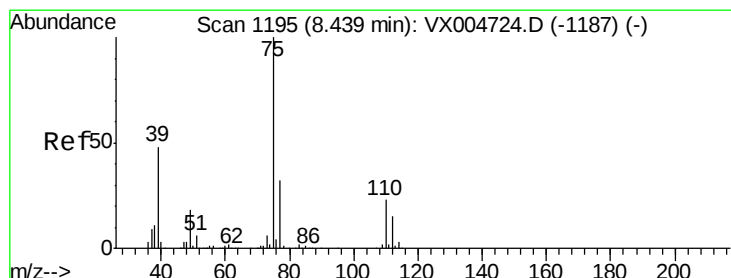
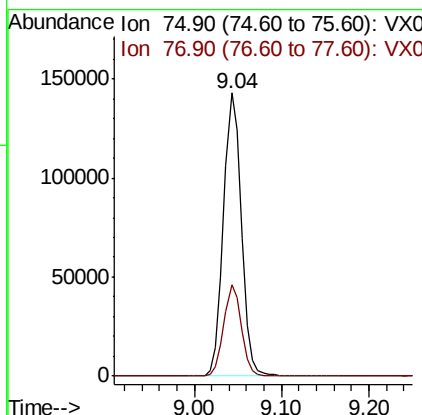
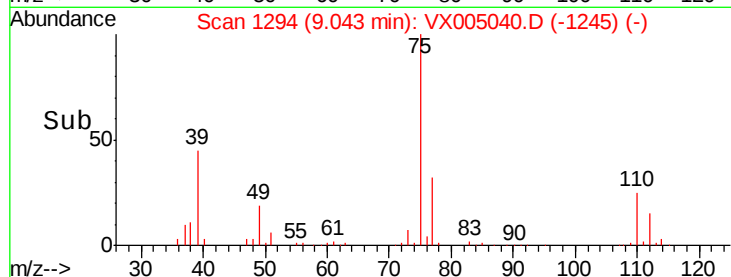
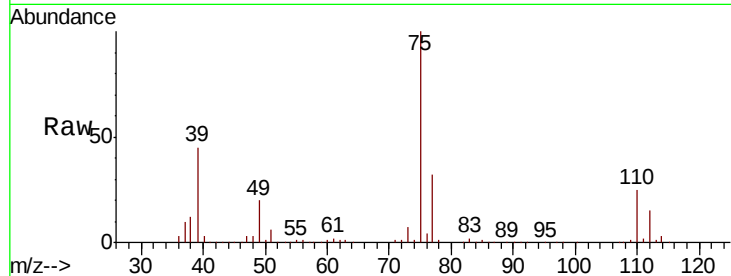




#53
t-1,3-Dichloropropene
Concen: 51.064 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

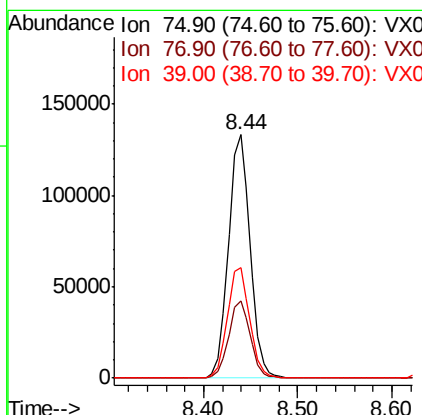
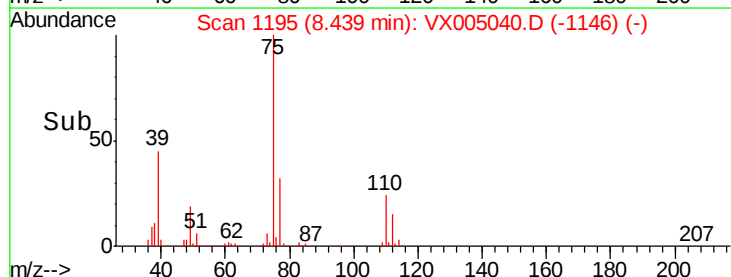
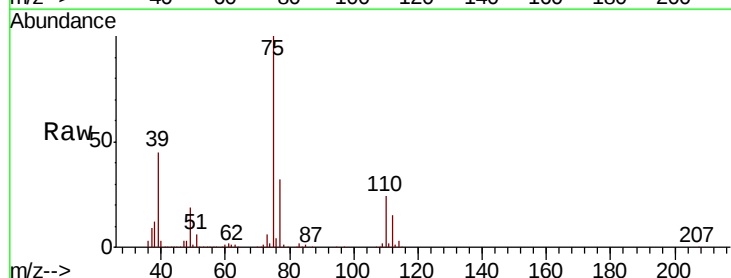
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

Tot Ion: 75 Resp: 202086
Ion Ratio Lower Upper
75 100
77 32.2 28.9 43.3



#54
cis-1,3-Dichloropropene
Concen: 51.404 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion: 75 Resp: 213079
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
39 45.3 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 50.241 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

Tot Ion: 97 Resp: 146765

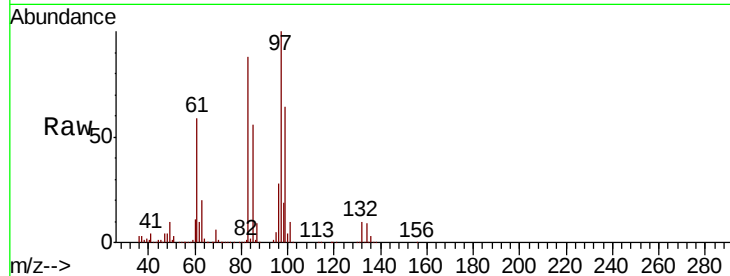
Ion Ratio Lower Upper

97 100

83 88.2 68.2 102.2

85 55.6 49.9 74.9

99 64.0 48.9 73.3

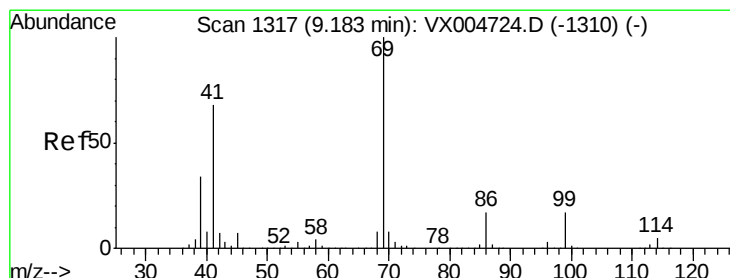
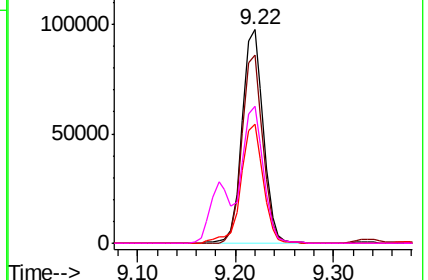
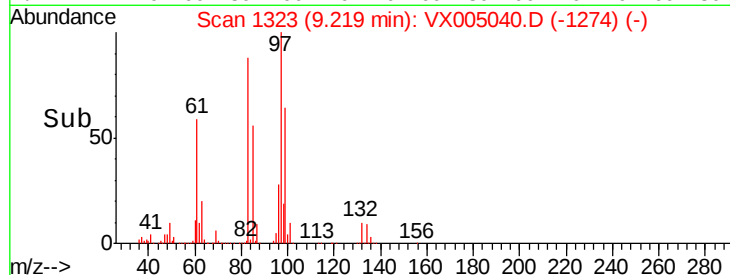


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.250 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

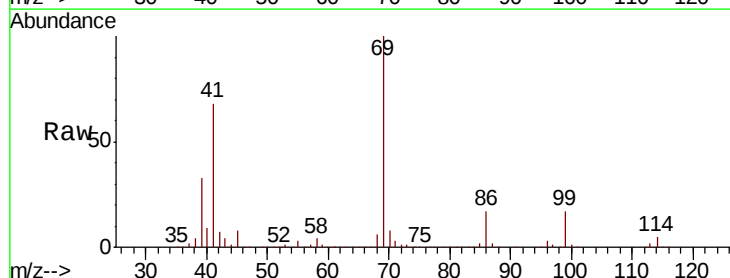
Tgt Ion: 69 Resp: 233246

Ion Ratio Lower Upper

69 100

41 68.7 56.9 85.3

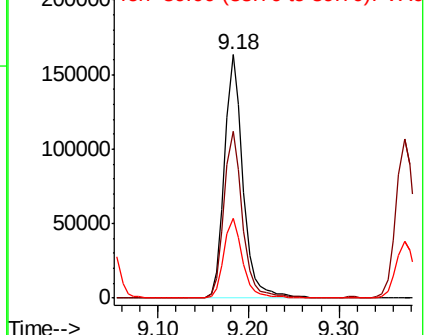
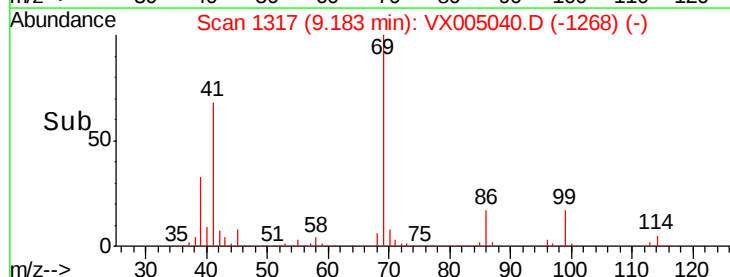
39 33.2 28.4 42.6

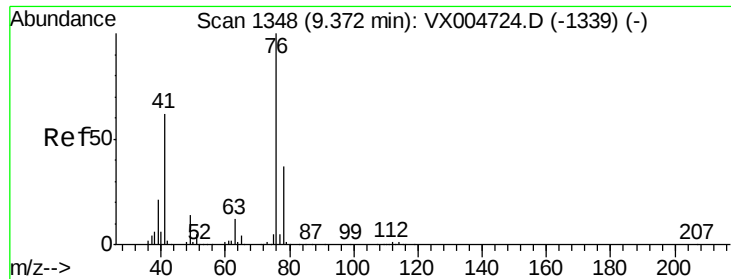


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.966 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

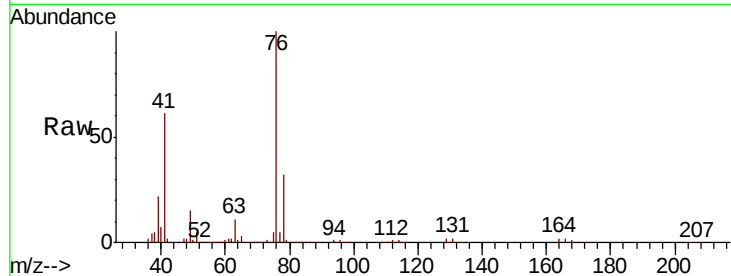
SA-TW511-2125MSD

Tot Ion: 76 Resp: 247789

Ion Ratio Lower Upper

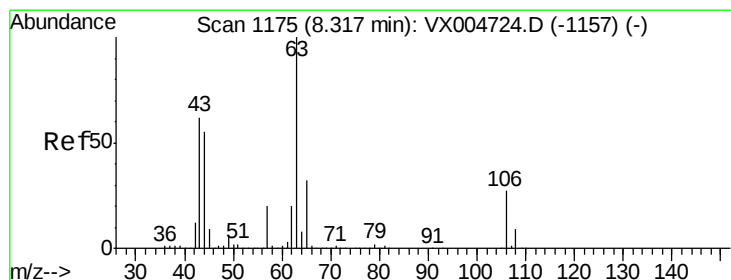
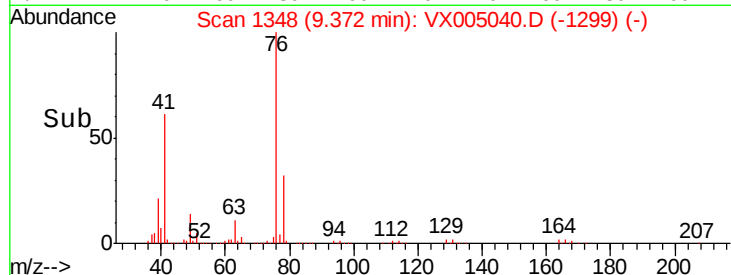
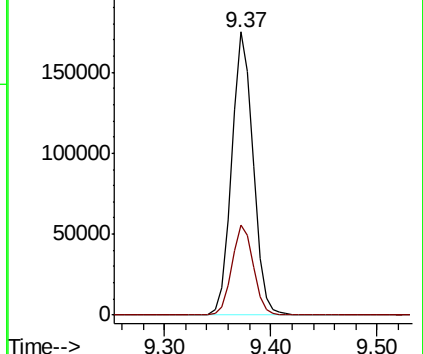
76 100

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: 15.029 ug/l

RT: 8.27 min Scan# 1168

Delta R.T. -0.04 min

Lab File: VX005040.D

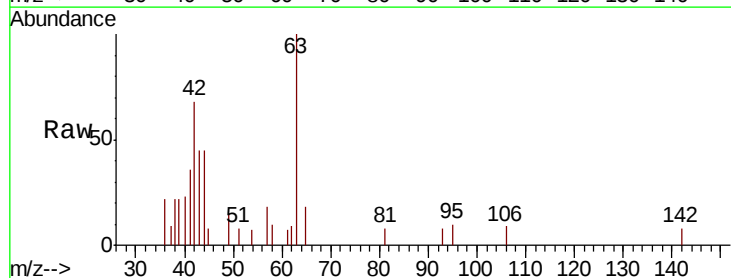
Acq: 05 Oct 2018 00:57

Tgt Ion: 63 Resp: 2099

Ion Ratio Lower Upper

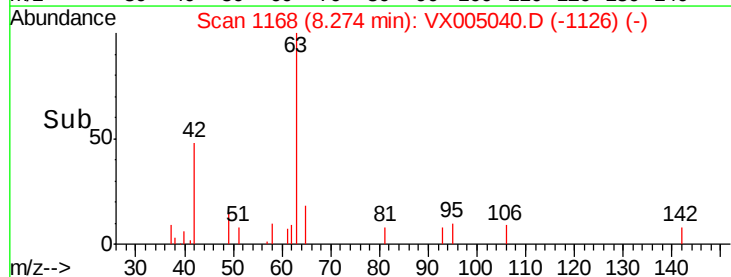
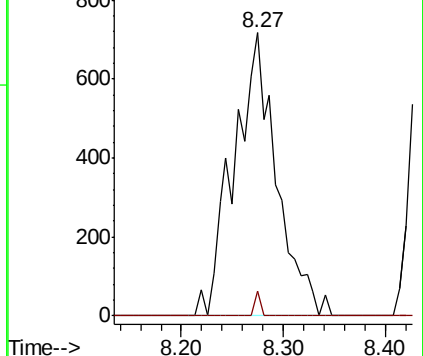
63 100

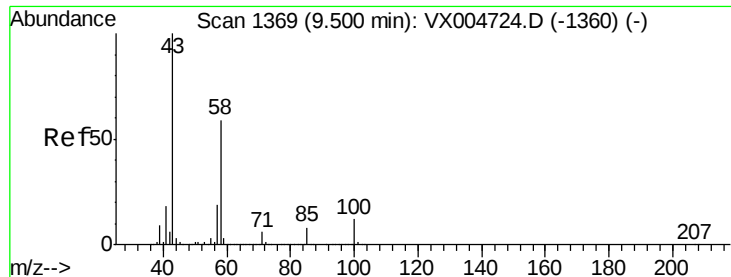
106 1.1 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

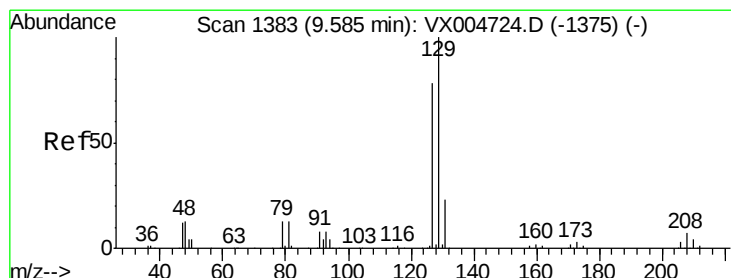
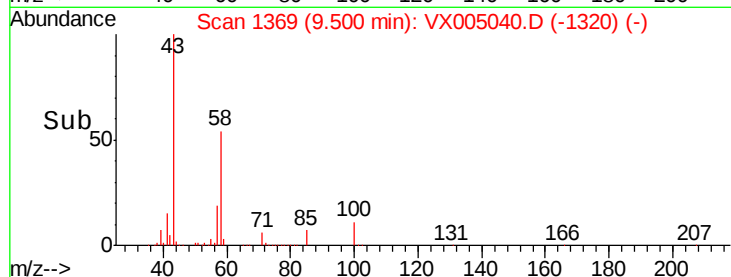
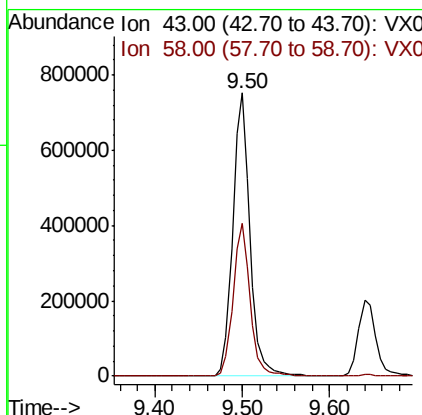
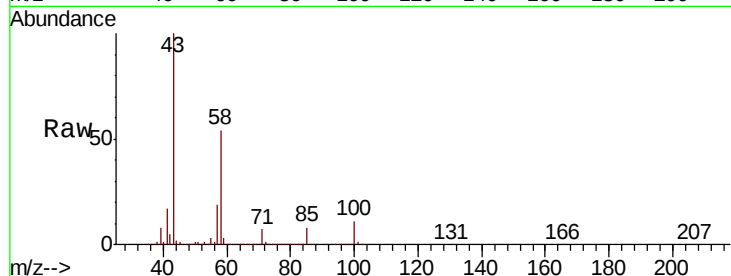




#59
2-Hexanone
Concen: 266.807 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

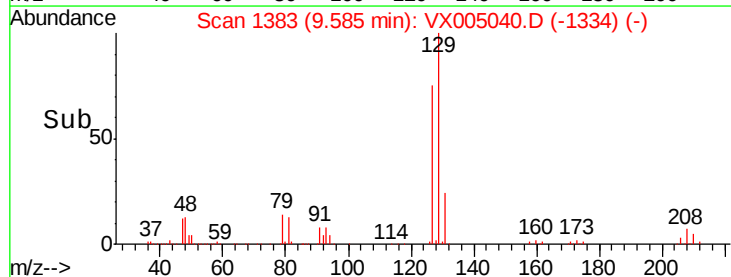
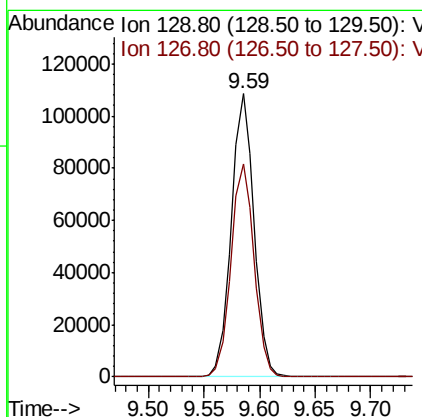
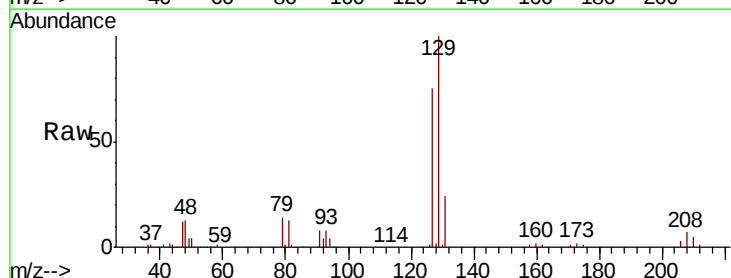
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

Tot Ion: 43 Resp: 1039781
Ion Ratio Lower Upper
43 100
58 53.7 28.4 85.3



#60
Dibromochloromethane
Concen: 52.389 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion: 129 Resp: 153051
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.794 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

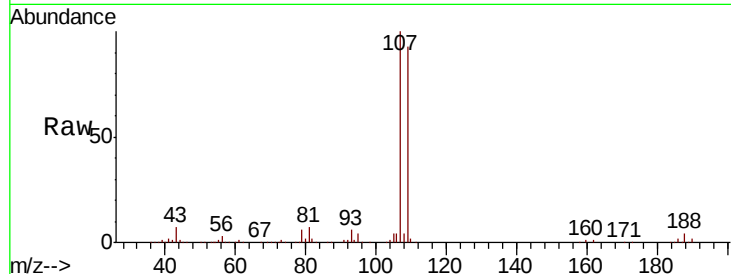
SA-TW511-2125MSD

Tot Ion:107 Resp: 152651

Ion Ratio Lower Upper

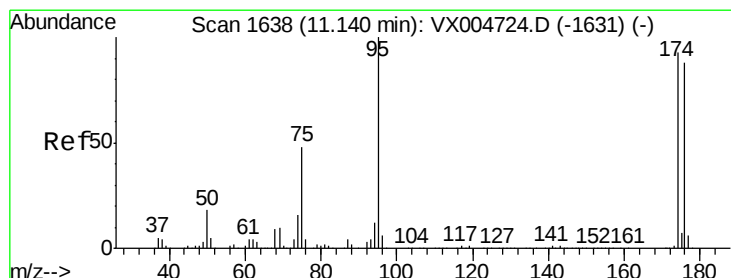
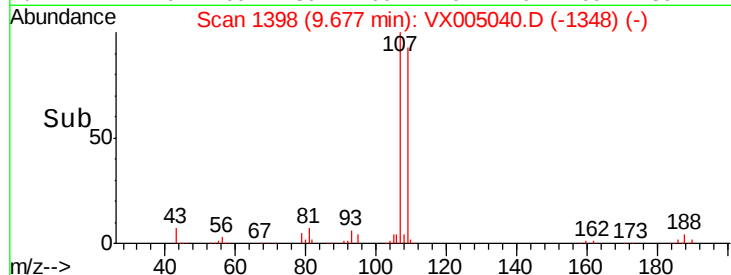
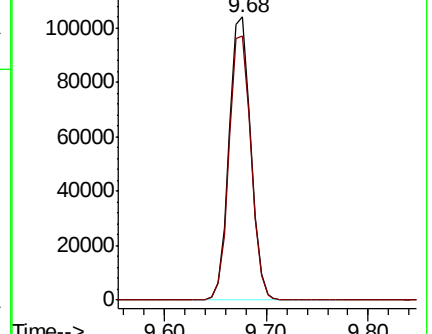
107 100

109 94.8 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: 52.921 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

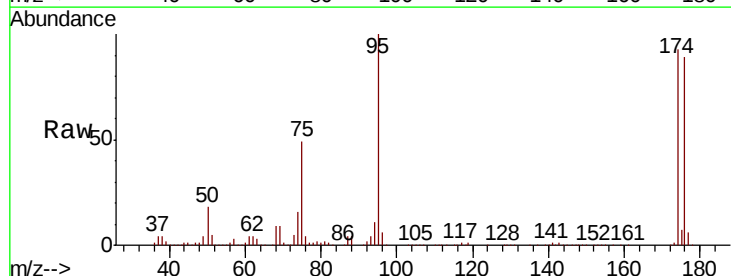
Tgt Ion: 95 Resp: 180092

Ion Ratio Lower Upper

95 100

174 90.3 0.0 185.0

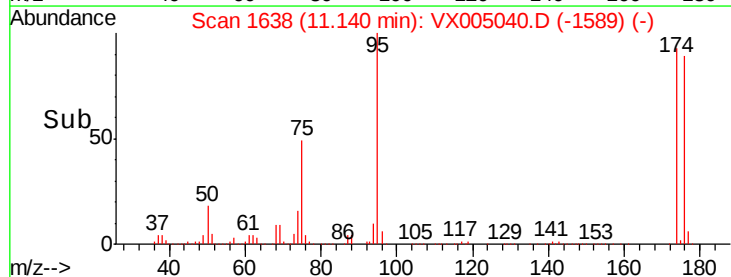
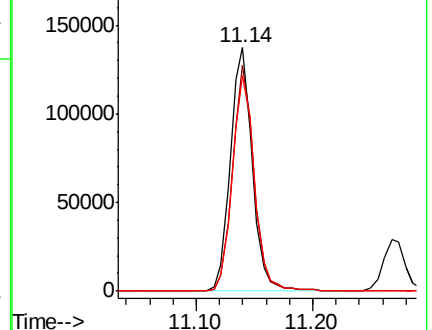
176 88.8 0.0 180.2

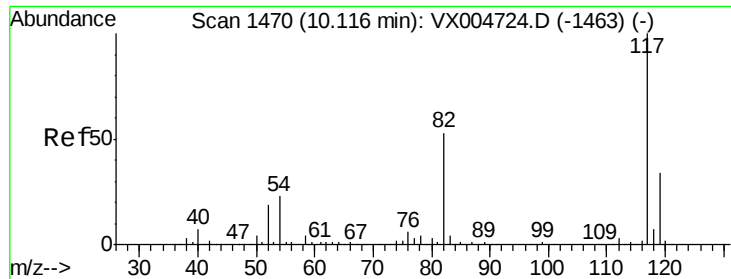


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

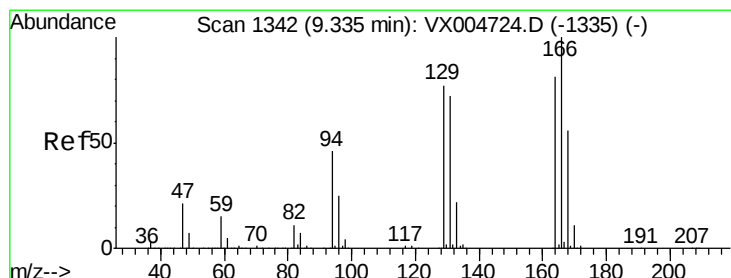
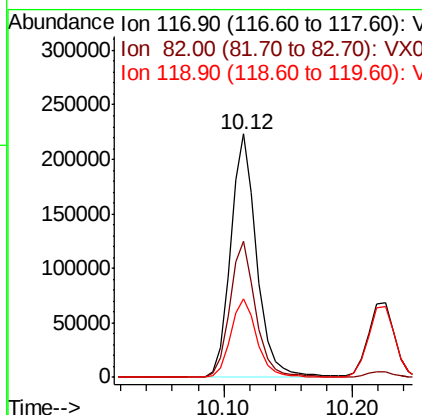
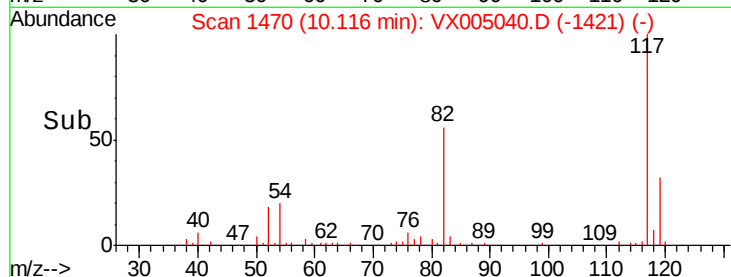
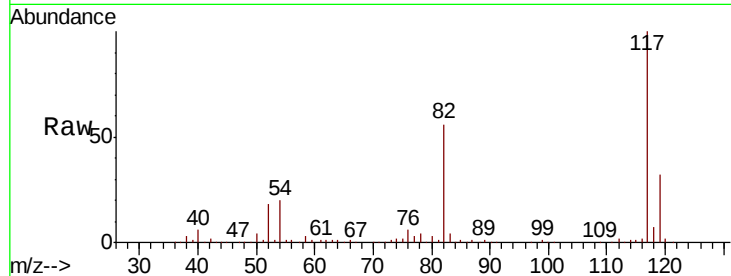




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

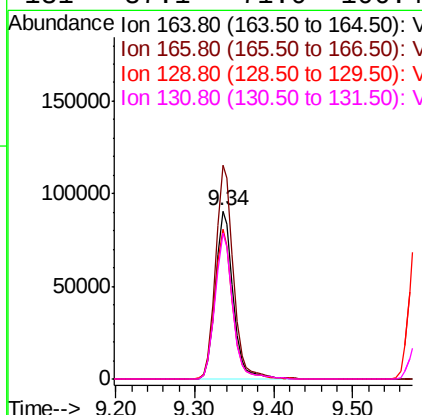
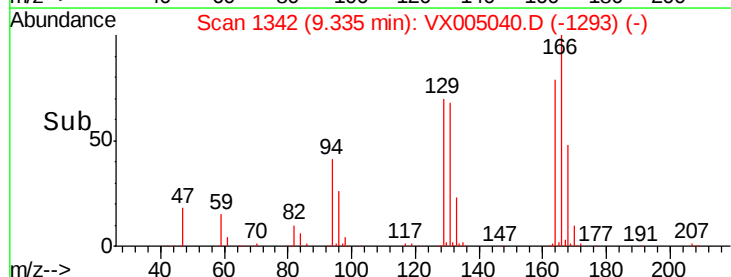
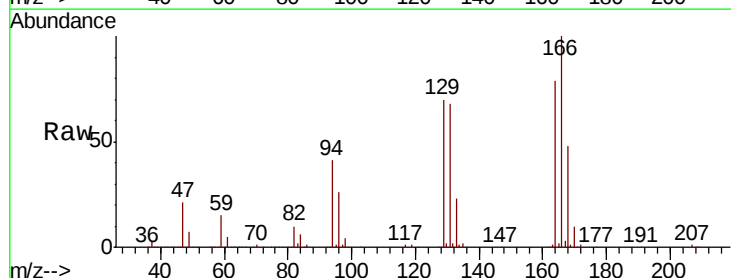
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

Tot Ion:117 Resp: 315143
Ion Ratio Lower Upper
117 100
82 56.1 42.2 63.4
119 32.3 27.4 41.0



#64
Tetrachloroethene
Concen: 45.813 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion:164 Resp: 142098
Ion Ratio Lower Upper
164 100
166 127.3 98.4 147.6
129 89.1 76.1 114.1
131 87.1 71.0 106.4

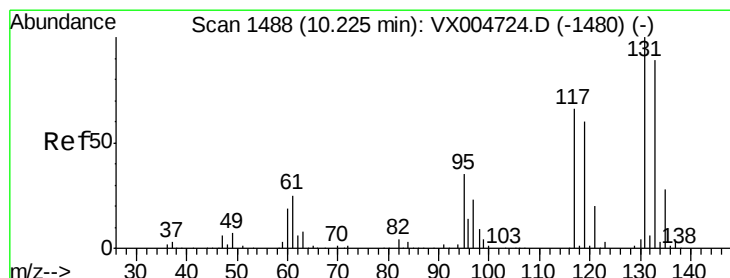
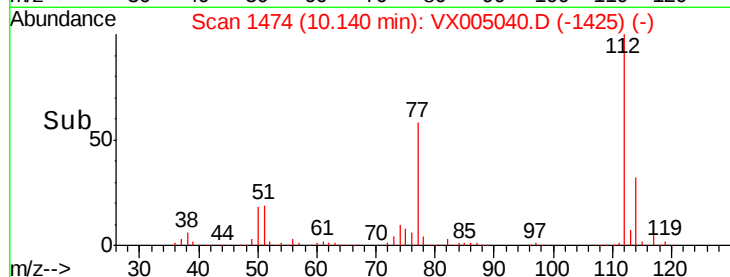
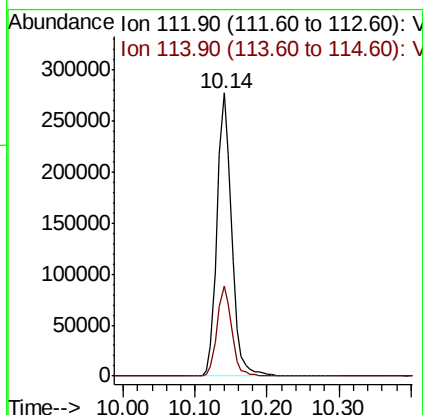
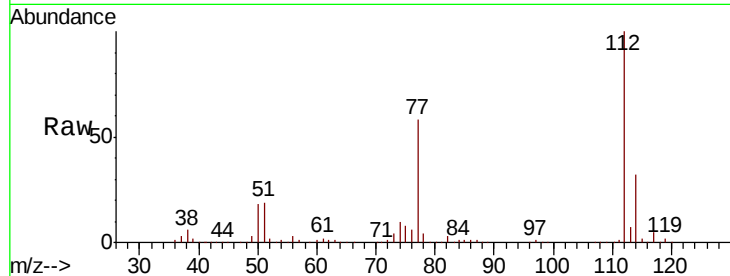




#65
Chlorobenzene
Concen: 48.173 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

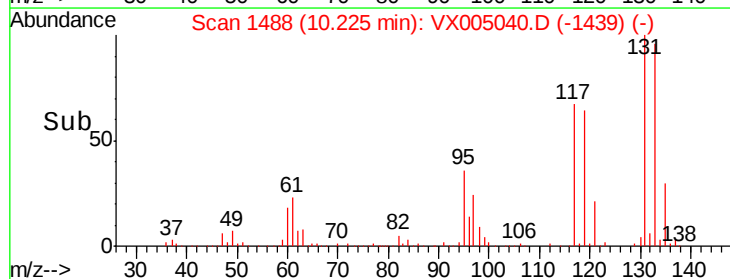
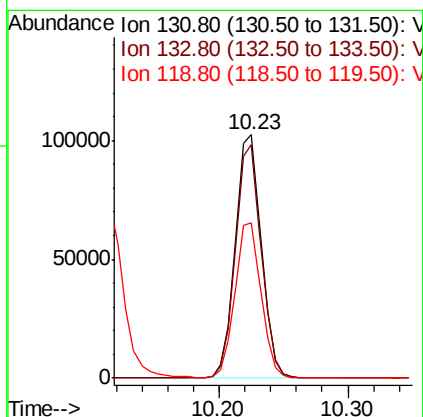
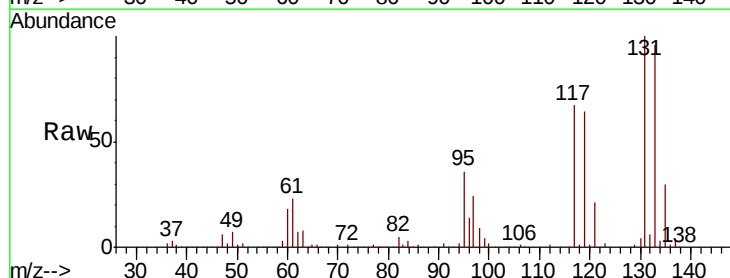
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

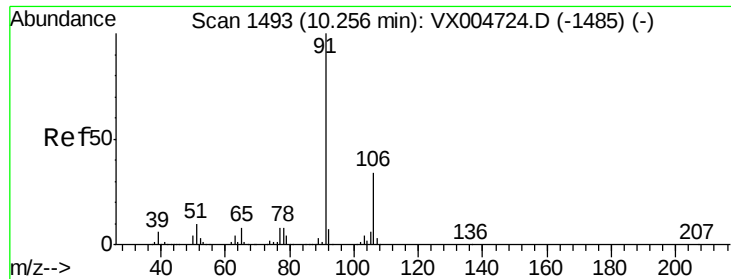
Tot Ion:112 Resp: 389295
Ion Ratio Lower Upper
112 100
114 32.0 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.678 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion:131 Resp: 143976
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.0
119 64.5 32.3 96.8

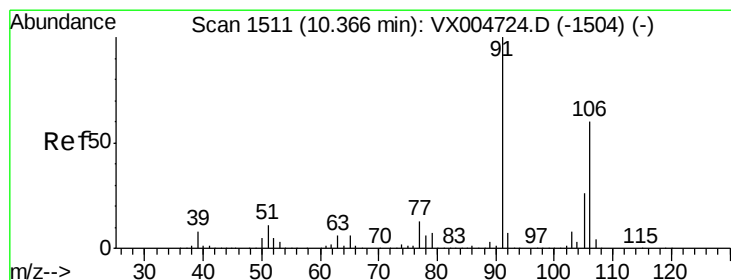
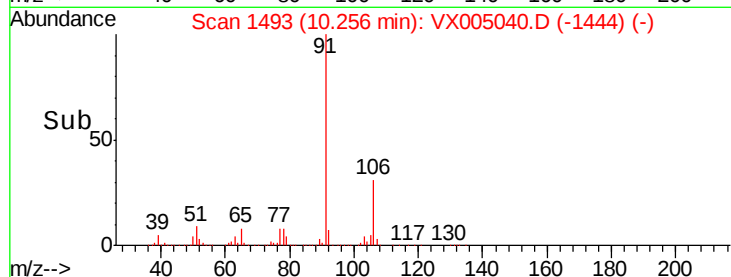
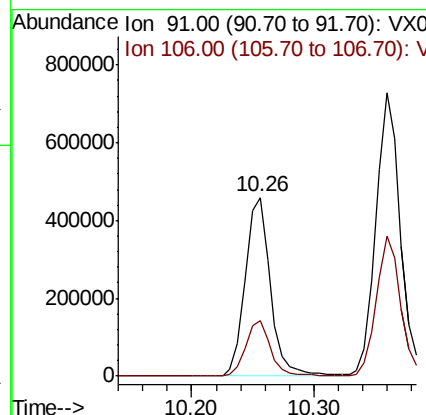
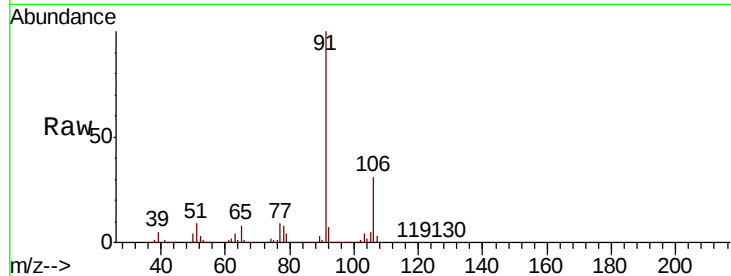




#67
Ethyl Benzene
Concen: 51.166 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

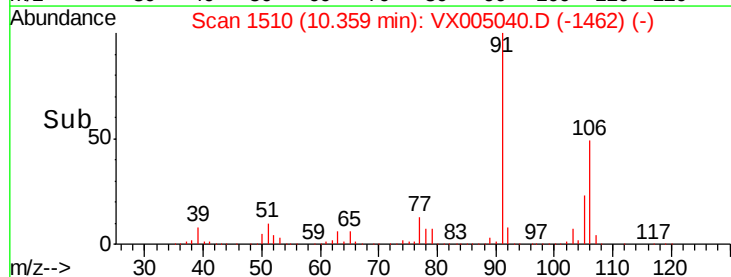
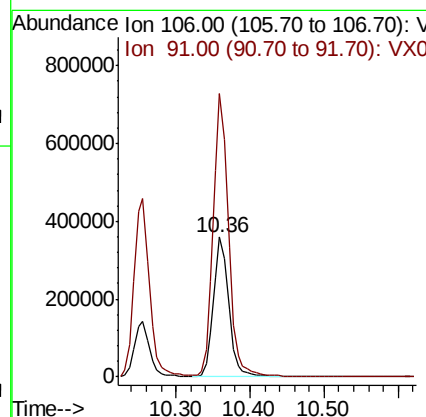
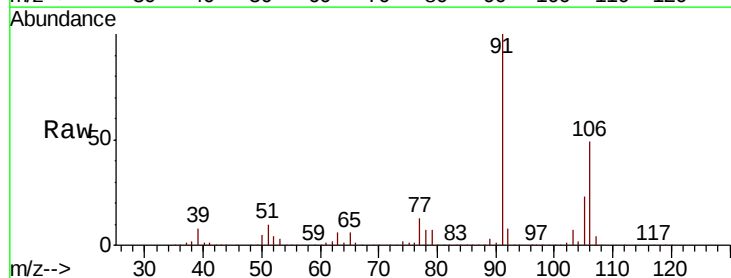
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

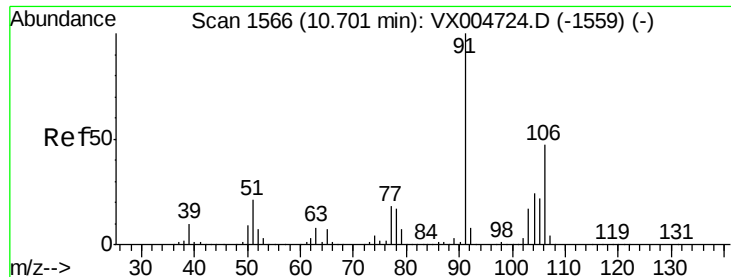
Tot Ion: 91 Resp: 656457
Ion Ratio Lower Upper
91 100
106 31.4 26.9 40.3



#68
m/p-Xylenes
Concen: 102.031 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion: 106 Resp: 511538
Ion Ratio Lower Upper
106 100
91 202.9 157.5 236.3

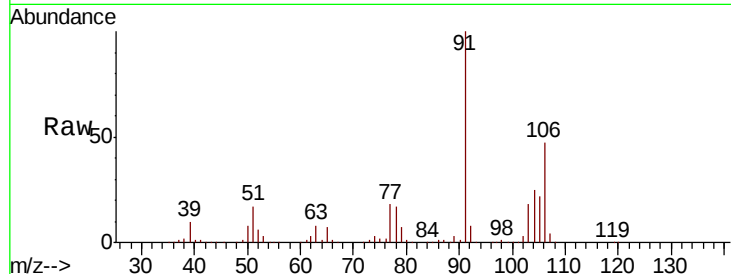




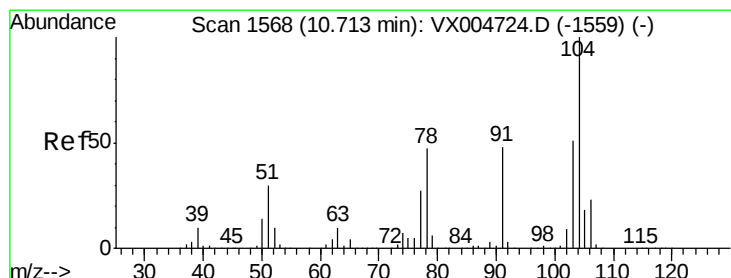
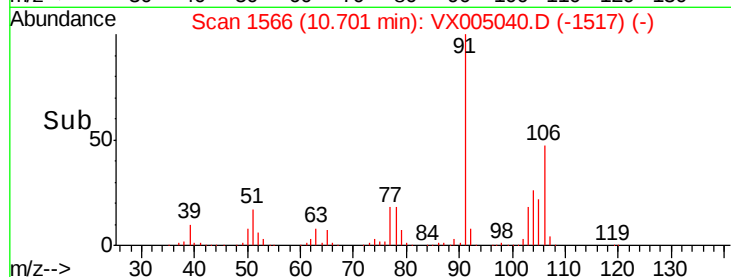
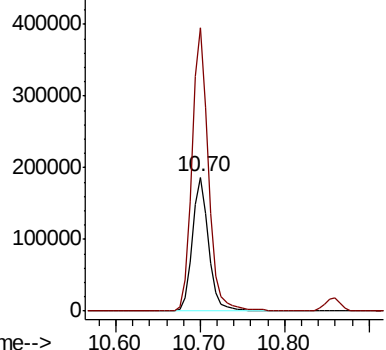
#69
o-Xylene
Concen: 54.393 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

Tot Ion:106 Resp: 250475
Ion Ratio Lower Upper
106 100
91 213.2 108.3 324.8

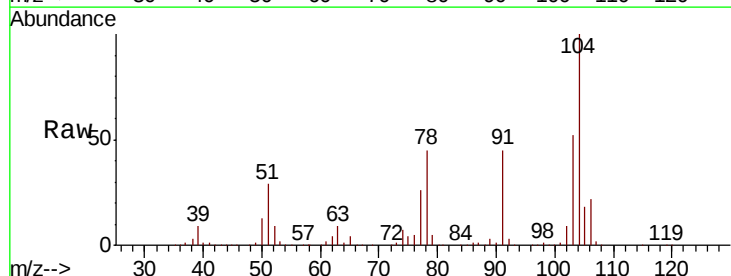


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

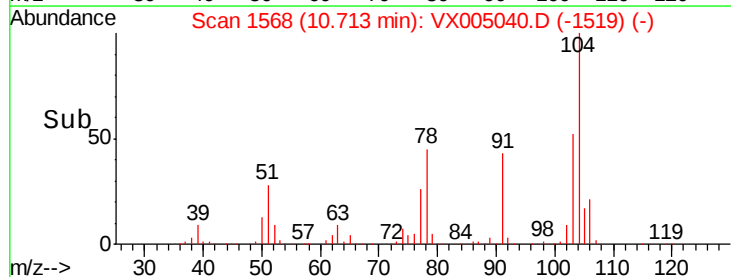
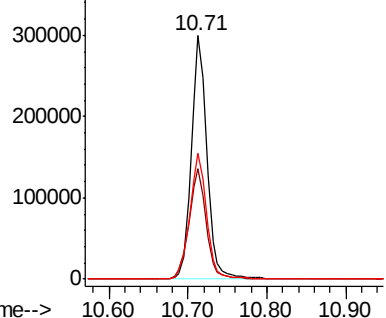


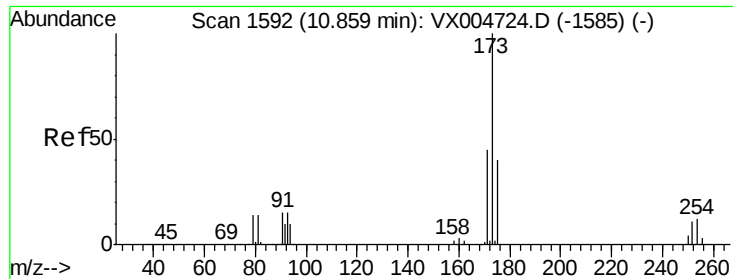
#70
Styrene
Concen: 48.337 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion:104 Resp: 415664
Ion Ratio Lower Upper
104 100
78 49.9 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: 51.269 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

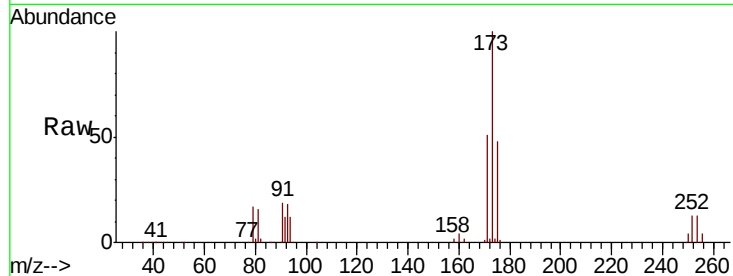
Tot Ion:173 Resp: 124698

Ion Ratio Lower Upper

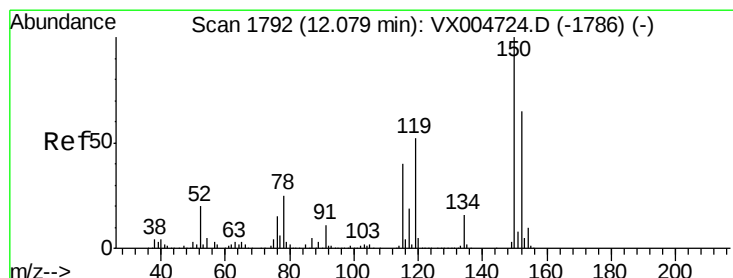
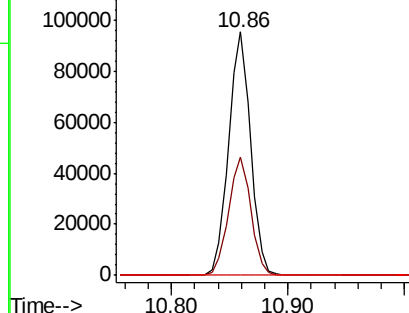
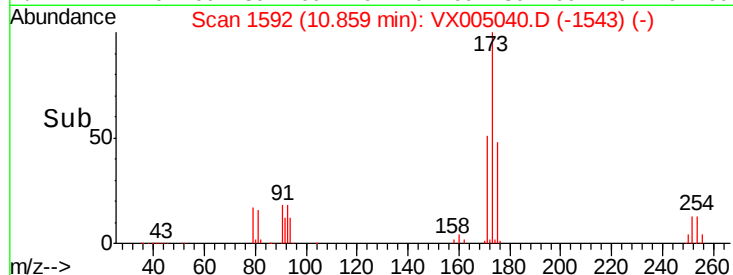
173 100

175 49.2 23.3 69.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

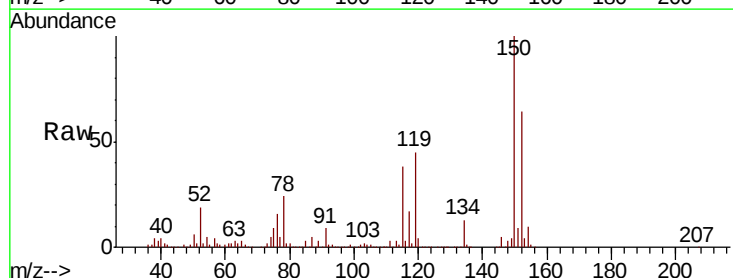
Tgt Ion:152 Resp: 188562

Ion Ratio Lower Upper

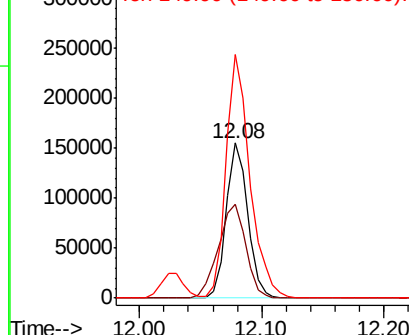
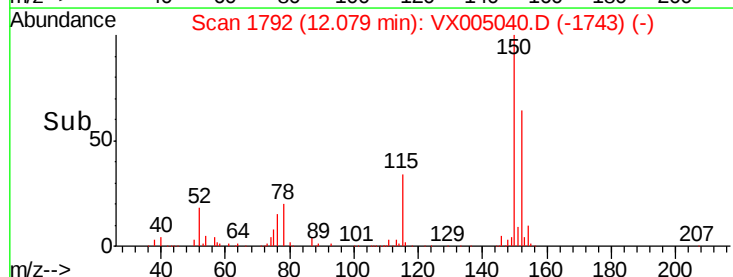
152 100

115 77.8 40.2 120.6

150 174.4 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: 55.049 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

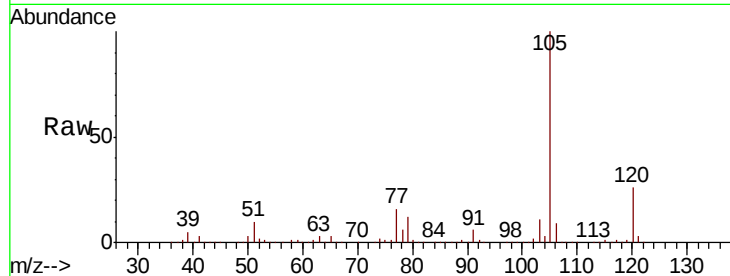
SA-TW511-2125MSD

Tot Ion: 105 Resp: 654281

Ion Ratio Lower Upper

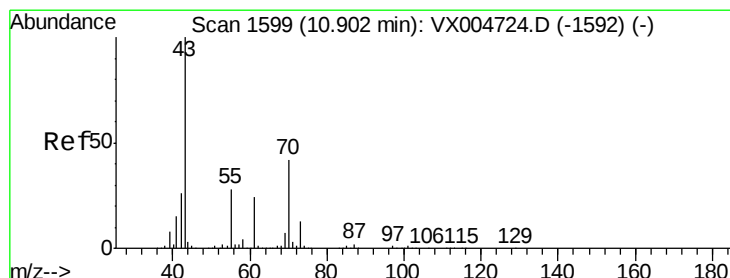
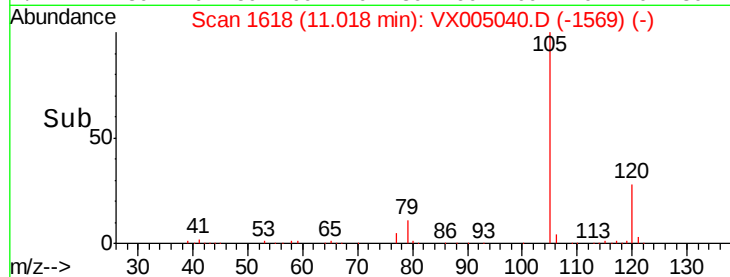
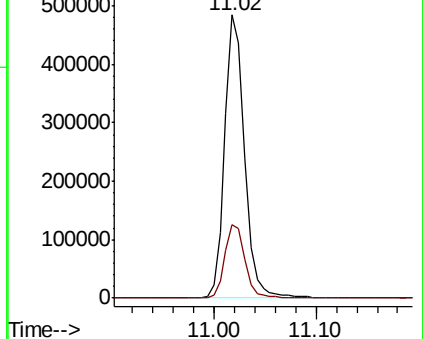
105 100

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: 42.261 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Tgt Ion: 43 Resp: 274244

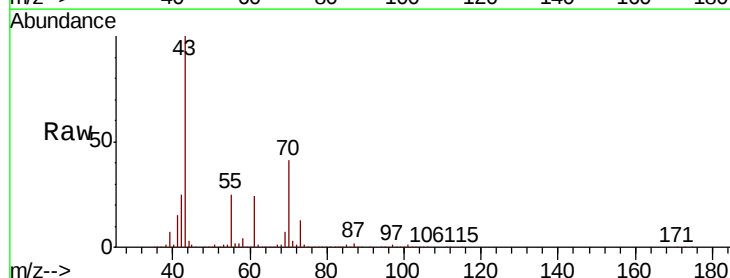
Ion Ratio Lower Upper

43 100

70 40.5 32.6 48.8

55 25.1 21.6 32.4

61 23.4 19.1 28.7

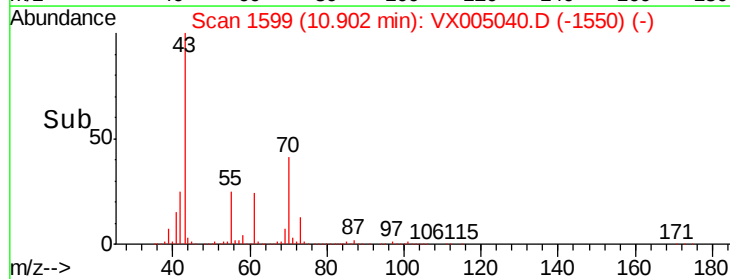
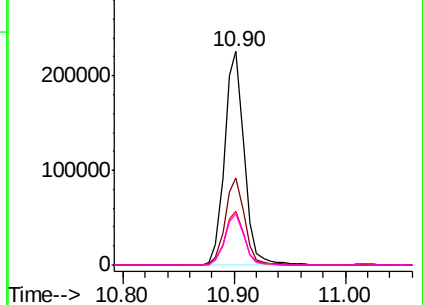


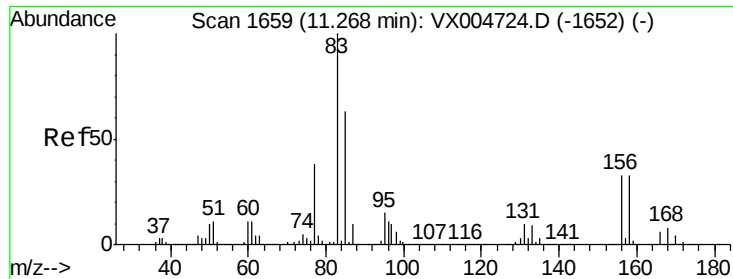
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.267 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

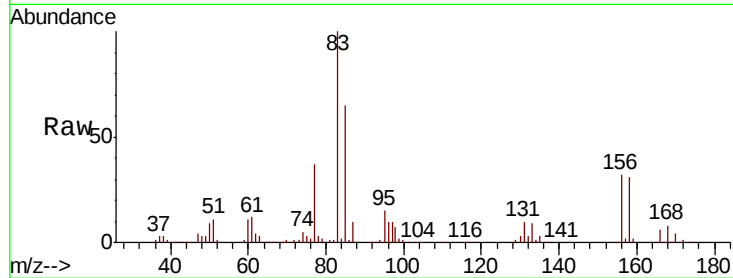
Tot Ion: 83 Resp: 243199

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

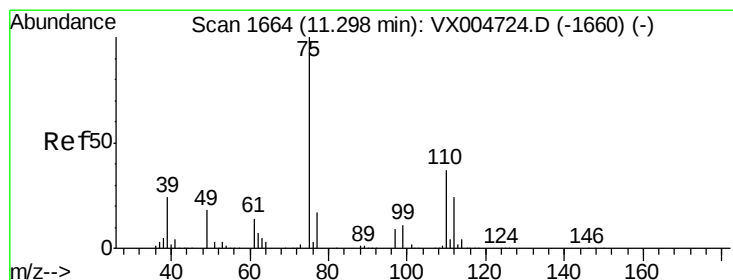
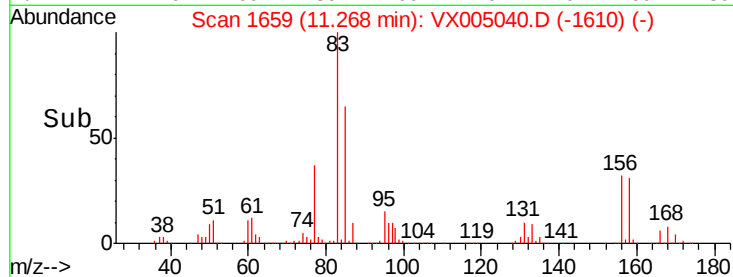
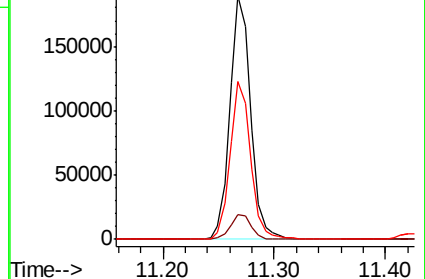
85 64.2 31.9 95.9



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: 64.432 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005040.D

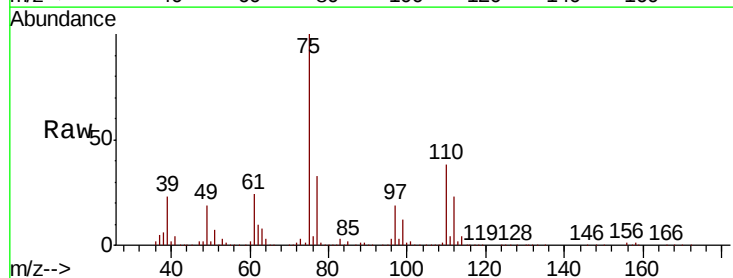
Acq: 05 Oct 2018 00:57

Tgt Ion: 75 Resp: 272313

Ion Ratio Lower Upper

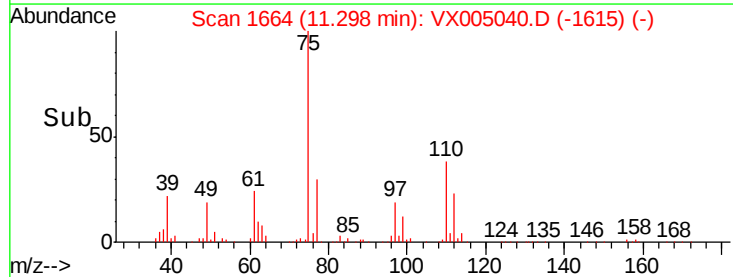
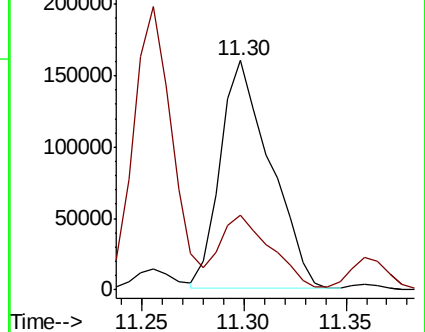
75 100

77 33.3 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: 51.949 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

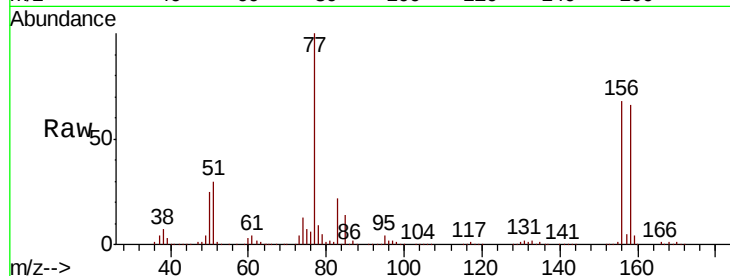
Tot Ion:156 Resp: 179339

Ion Ratio Lower Upper

156 100

77 146.3 73.4 220.2

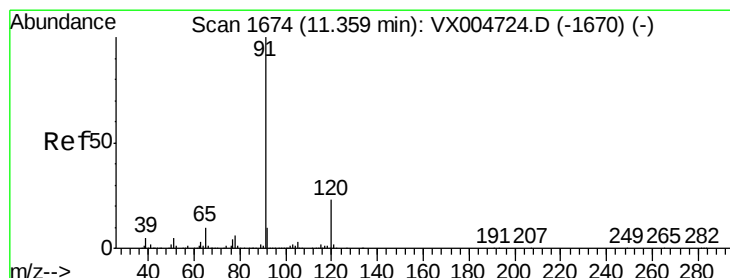
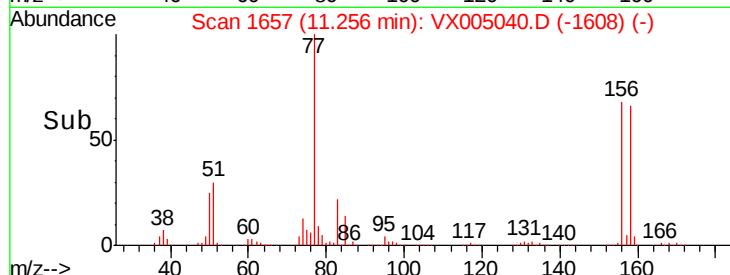
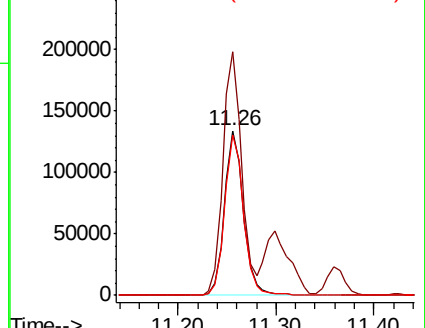
158 97.5 49.1 147.4



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: 54.477 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005040.D

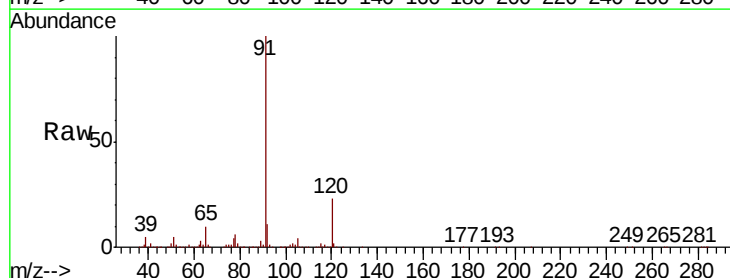
Acq: 05 Oct 2018 00:57

Tgt Ion: 91 Resp: 742906

Ion Ratio Lower Upper

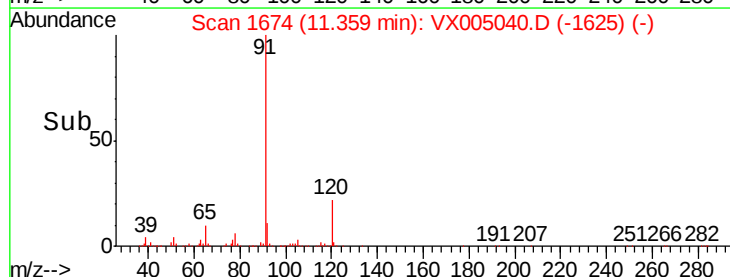
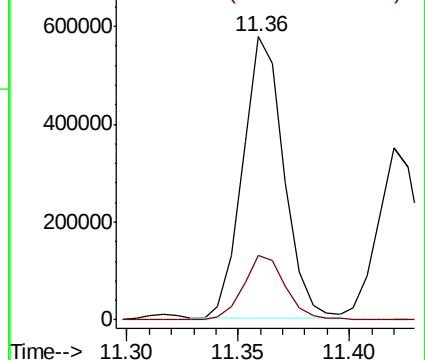
91 100

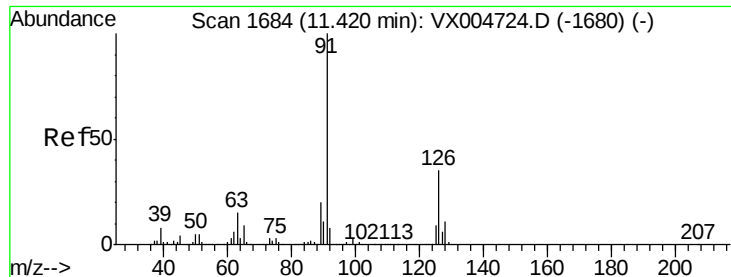
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

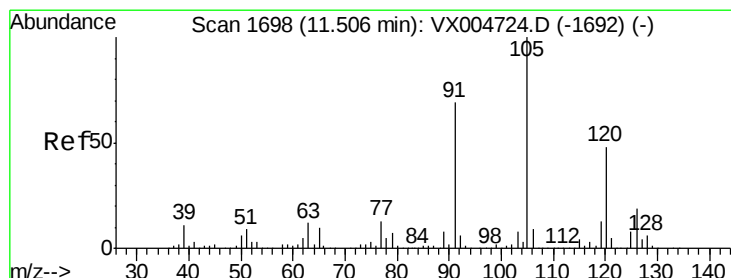
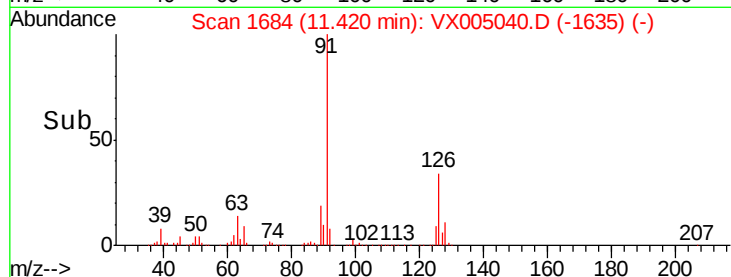
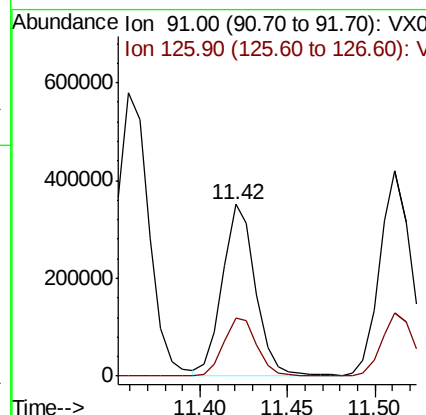
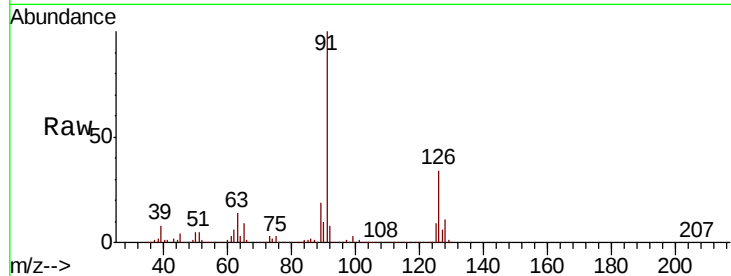




#79
 2-Chlorotoluene
 Concen: 53.659 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

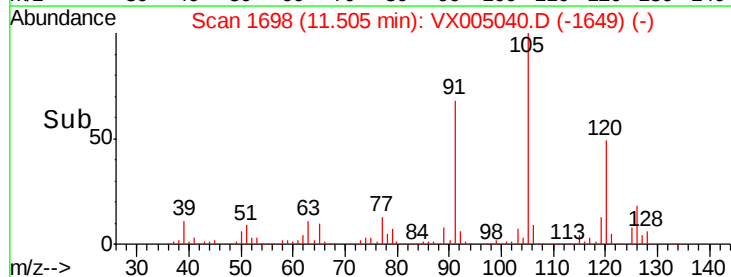
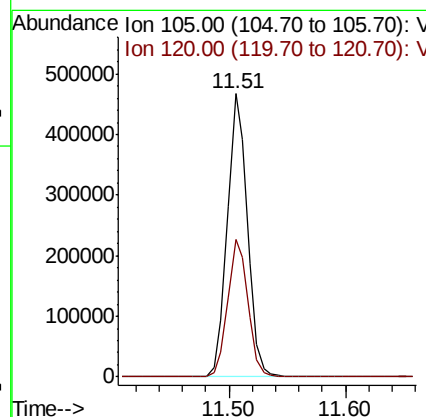
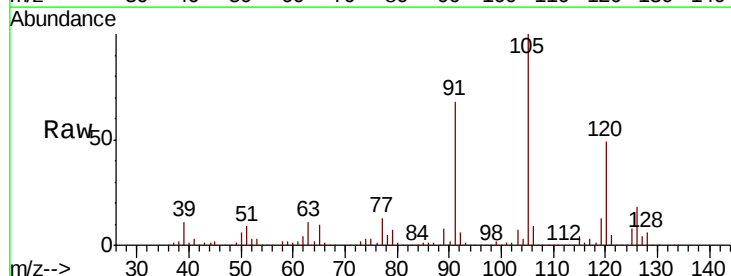
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MSD

Tot Ion: 91 Resp: 456108
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 50.959 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Tgt Ion: 105 Resp: 555067
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 41.558 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

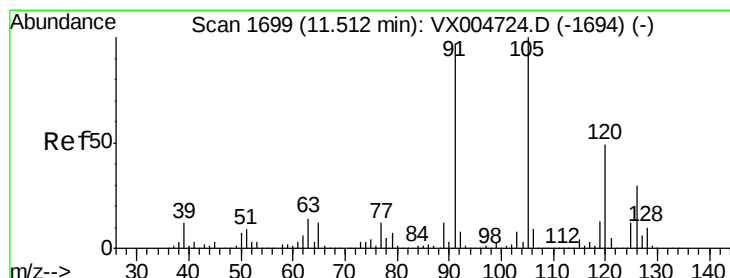
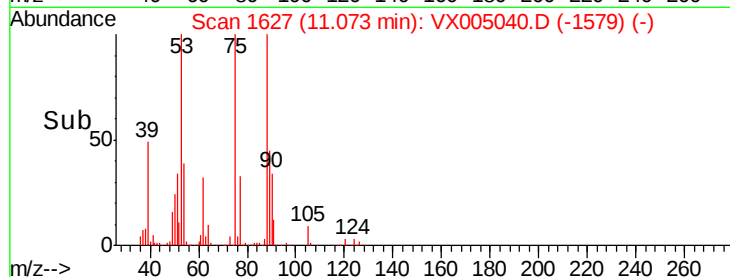
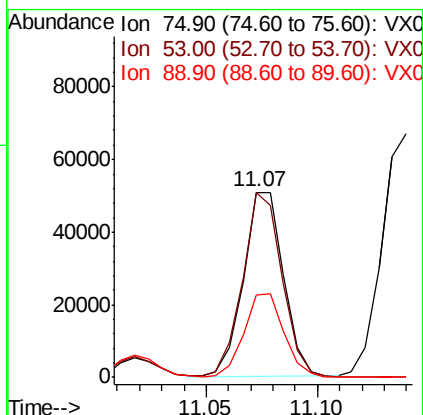
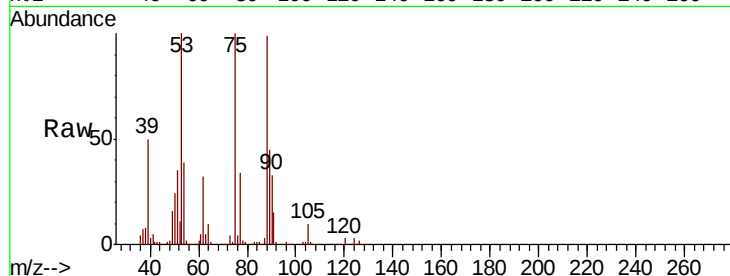
Tot Ion: 75 Resp: 63857

Ion Ratio Lower Upper

75 100

53 98.7 80.2 120.4

89 45.5 37.1 55.7



#82

4-Chlorotoluene

Concen: 53.307 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005040.D

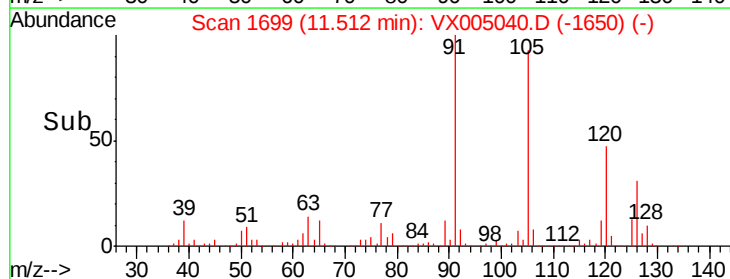
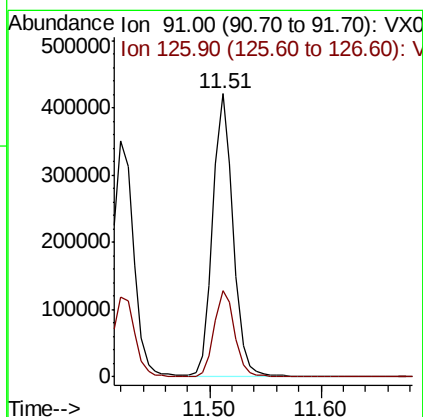
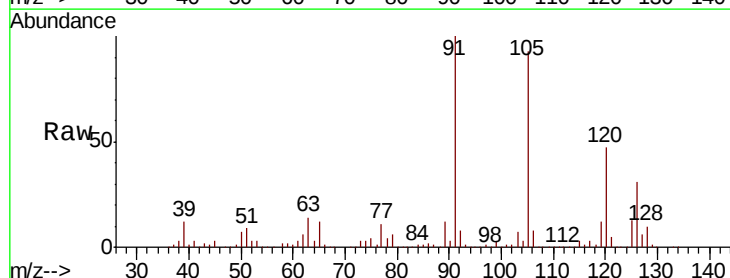
Acq: 05 Oct 2018 00:57

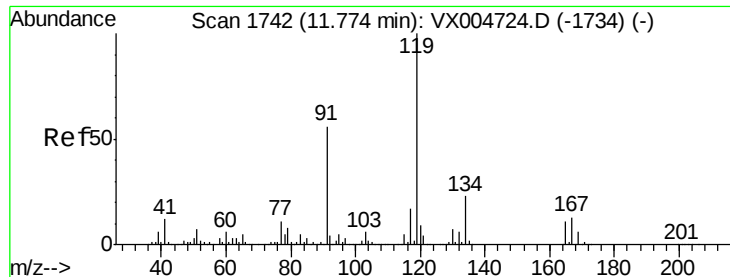
Tgt Ion: 91 Resp: 533345

Ion Ratio Lower Upper

91 100

126 31.0 15.5 46.5

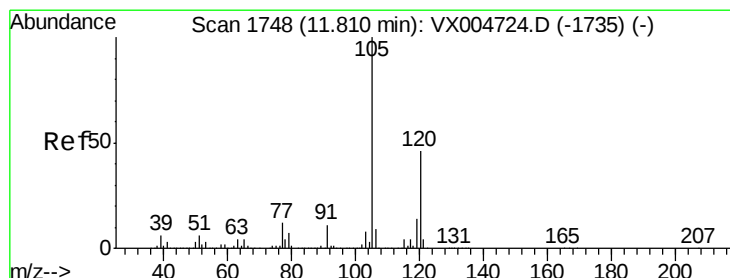
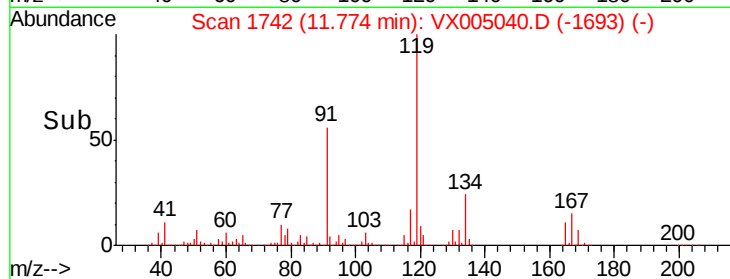
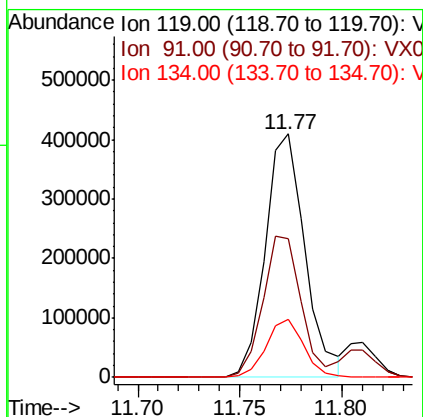
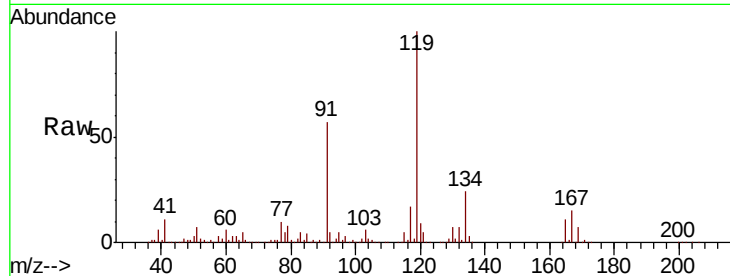




#83
tert-Butylbenzene
Concen: 56.777 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

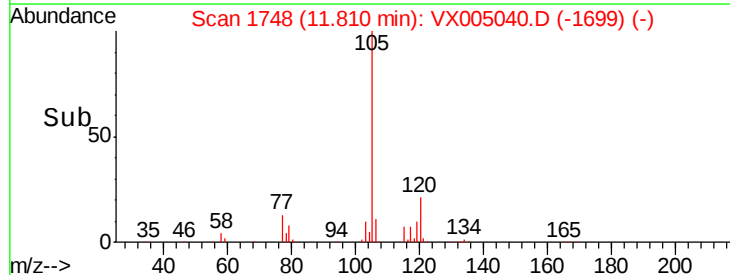
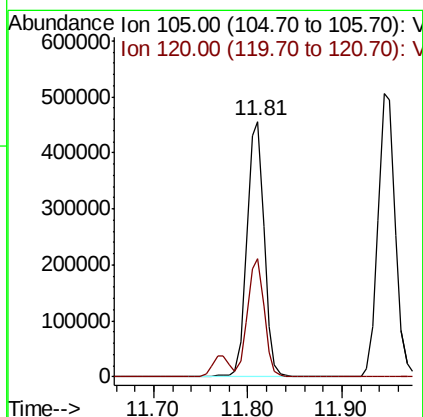
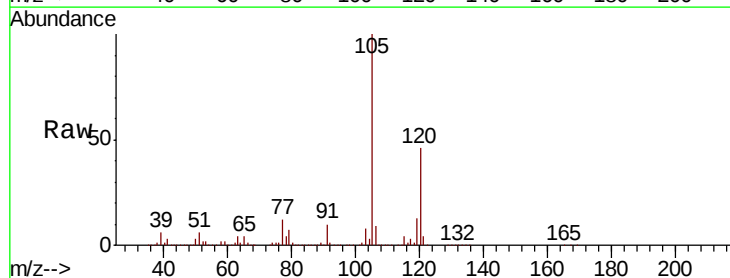
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.6	27.5	82.5
134	22.7	11.5	34.4



#84
1,2,4-Trimethylbenzene
Concen: 51.620 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.3

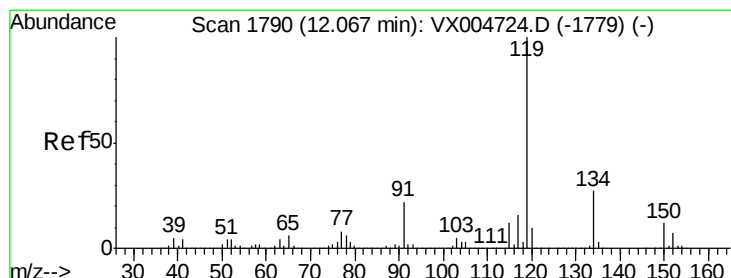
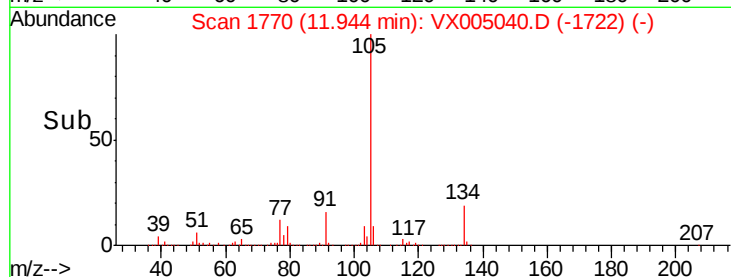
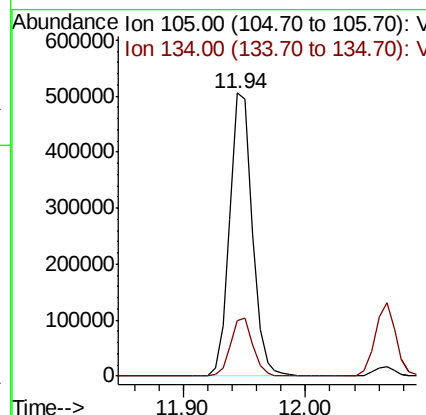
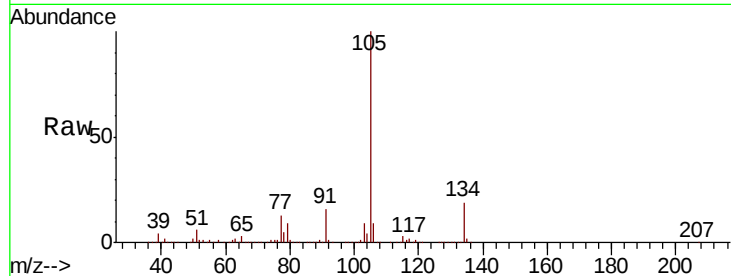




#85
 sec-Butylbenzene
 Concen: 54.107 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

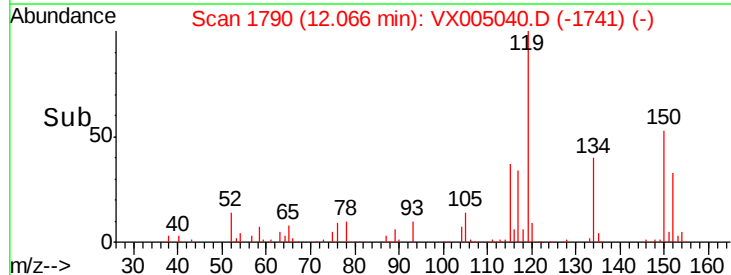
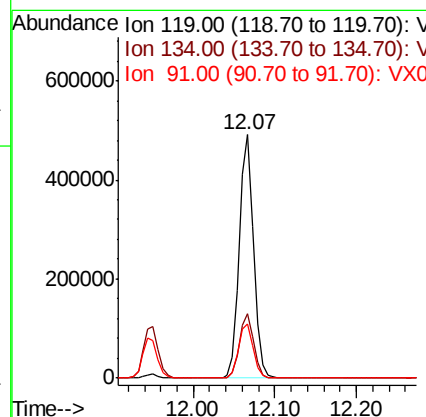
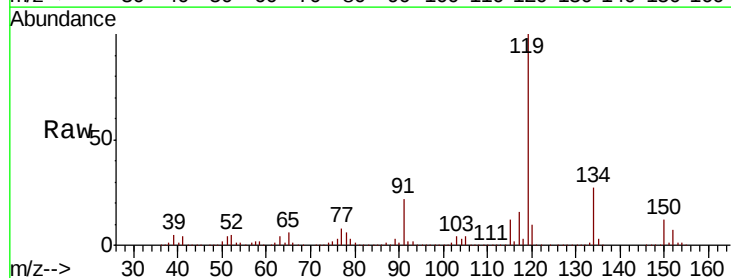
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MSD

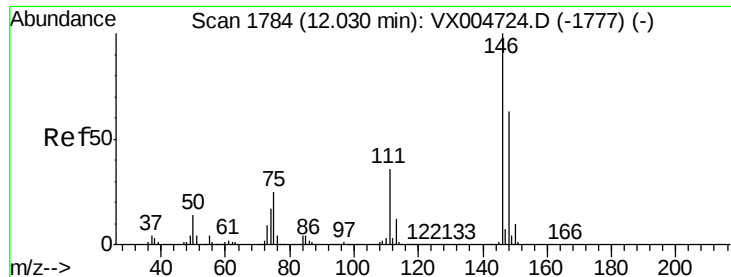
Tot Ion:105 Resp: 644908
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 53.653 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Tgt Ion:119 Resp: 579389
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.1
 91 23.0 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 50.259 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MSD

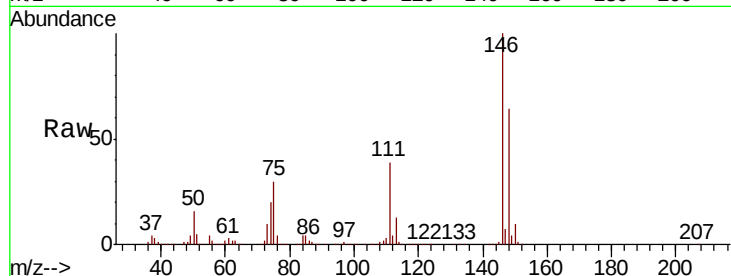
Tot Ion:146 Resp: 323981

Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.9

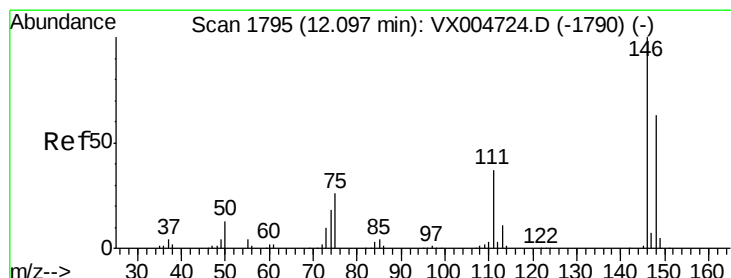
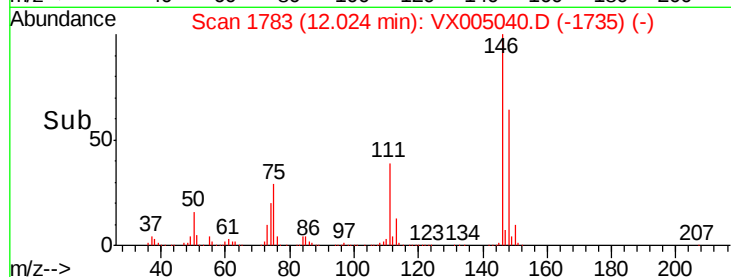
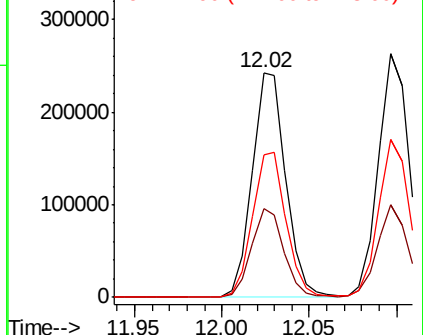
148 64.5 31.8 95.3



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: 49.139 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005040.D

Acq: 05 Oct 2018 00:57

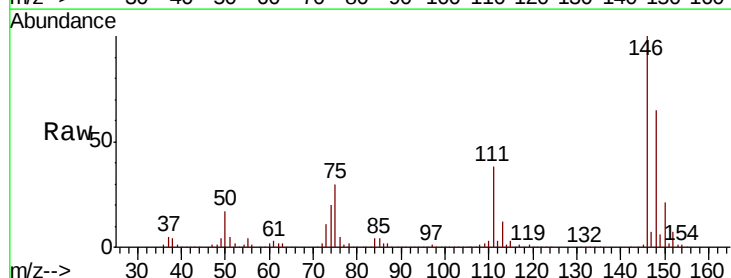
Tgt Ion:146 Resp: 326992

Ion Ratio Lower Upper

146 100

111 37.3 18.4 55.2

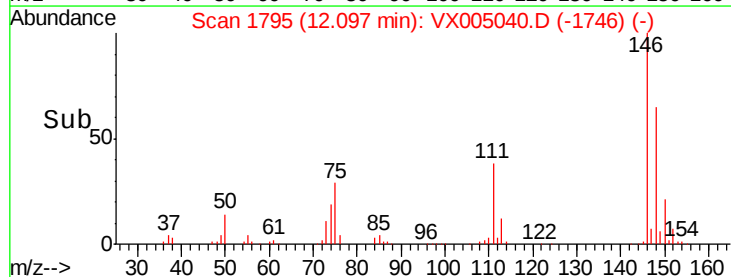
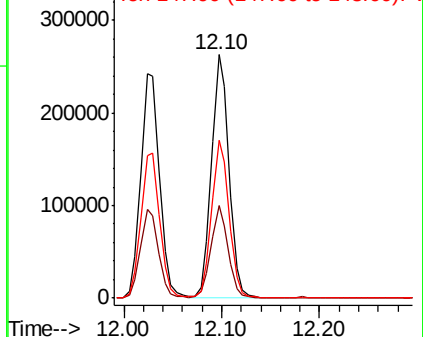
148 64.6 32.0 96.0

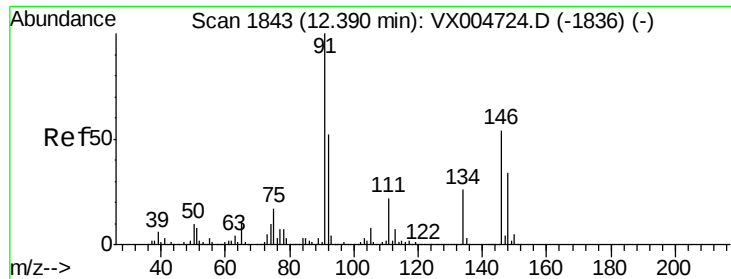


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

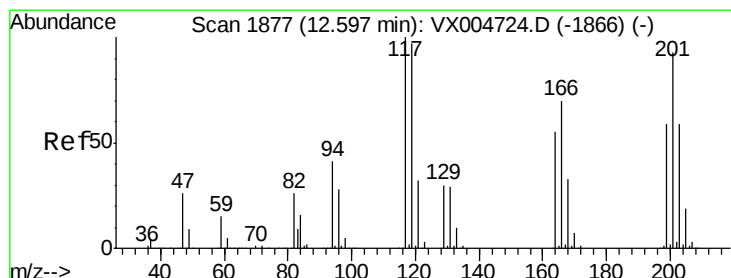
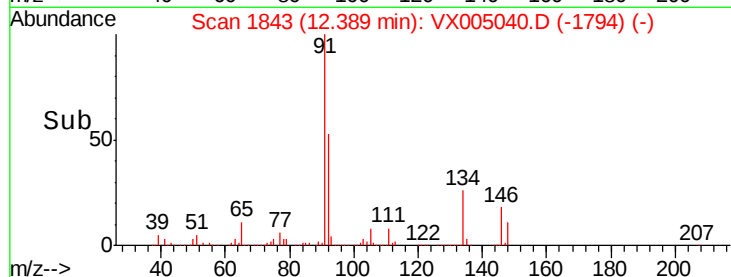
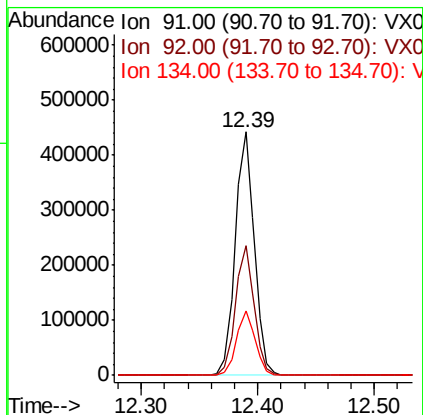
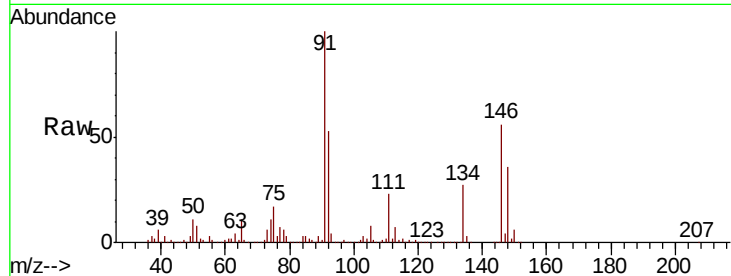




#89
n-Butylbenzene
Concen: 51.466 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

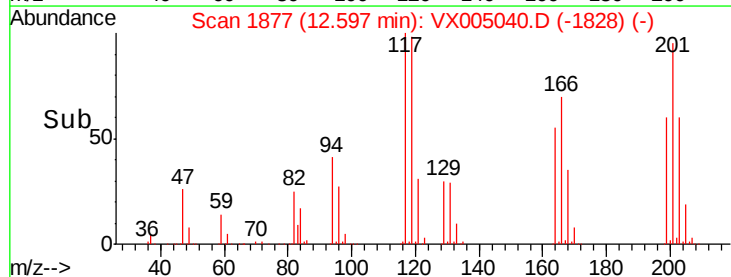
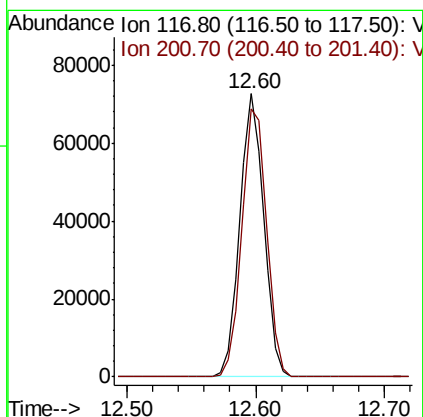
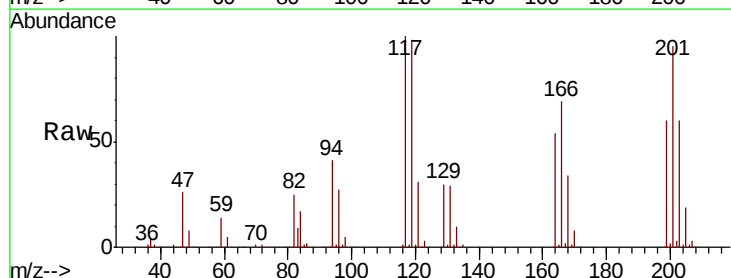
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

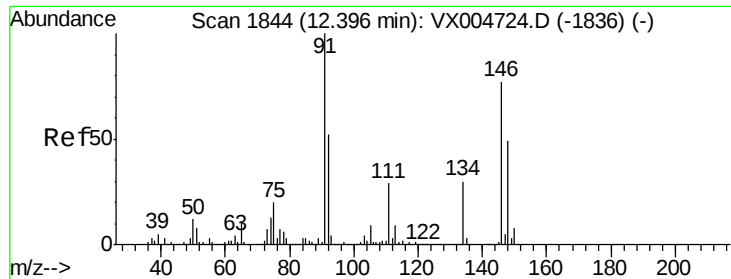
Tot Ion: 91 Resp: 504743
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 26.2 13.2 39.6



#90
Hexachloroethane
Concen: 51.872 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion: 117 Resp: 93265
Ion Ratio Lower Upper
117 100
201 97.6 48.4 145.0

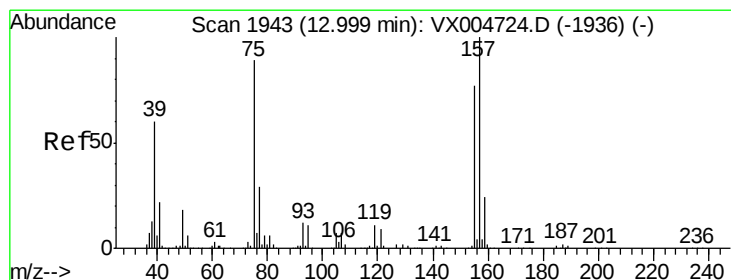
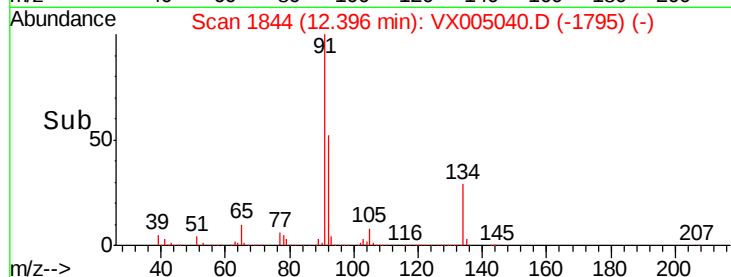
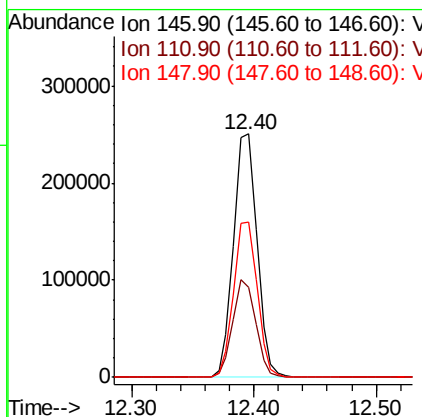
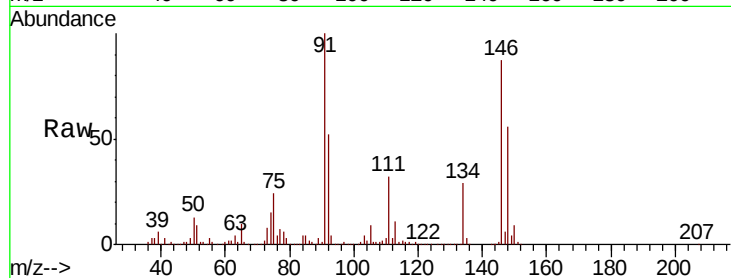




#91
 1,2-Dichlorobenzene
 Concen: 49.376 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

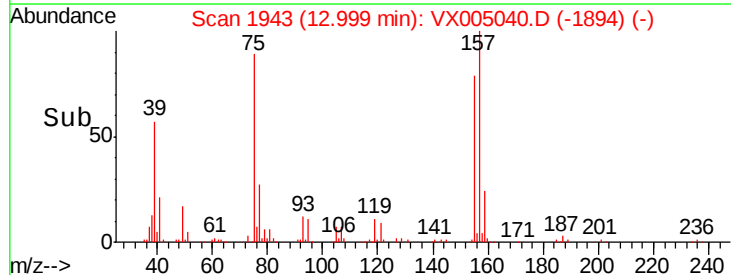
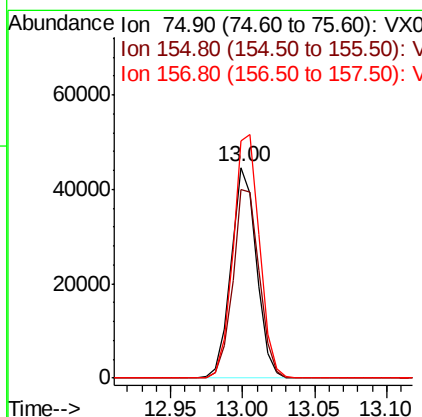
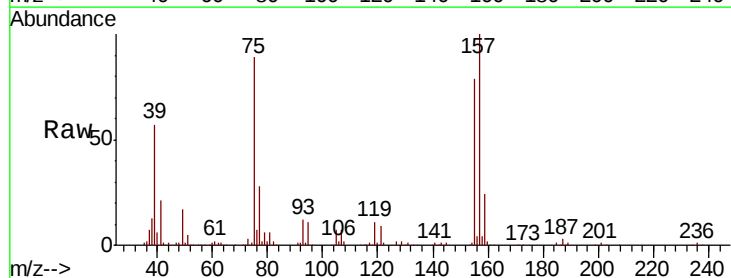
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MSD

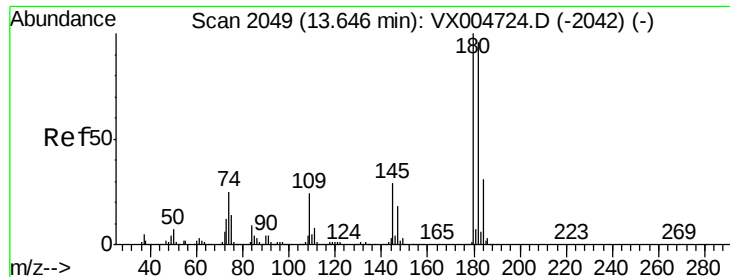
Tot Ion:146 Resp: 332626
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 64.2 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.106 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Tgt Ion: 75 Resp: 55352
 Ion Ratio Lower Upper
 75 100
 155 92.8 46.1 138.3
 157 119.9 60.2 180.6

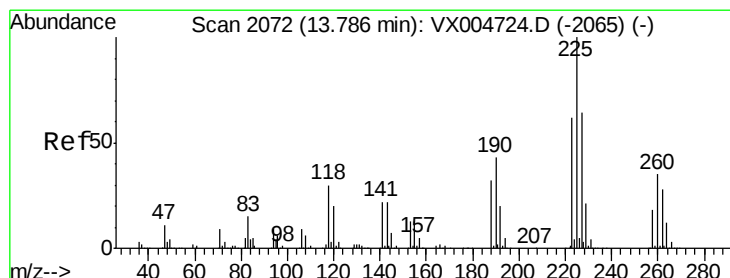
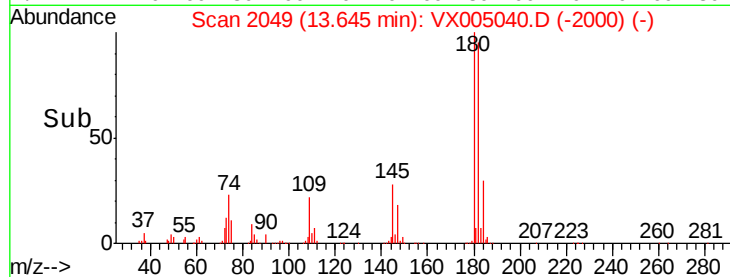
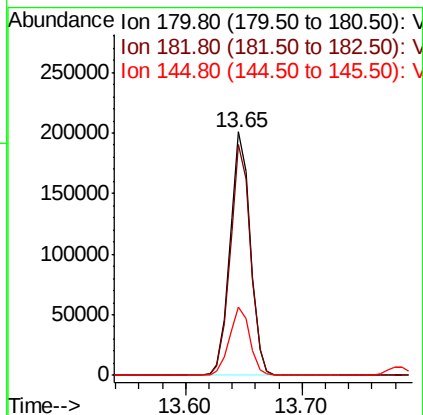
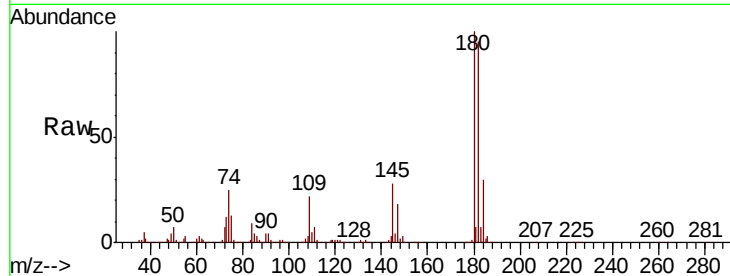




#93
 1,2,4-Trichlorobenzene
 Concen: 51.277 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

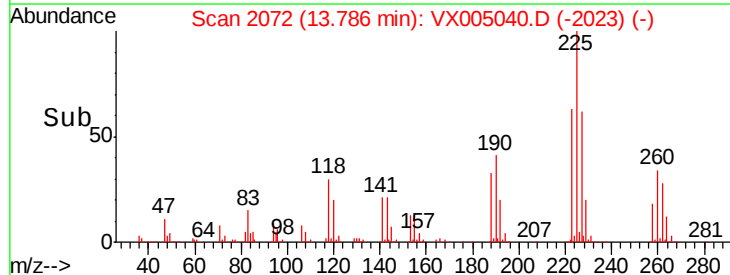
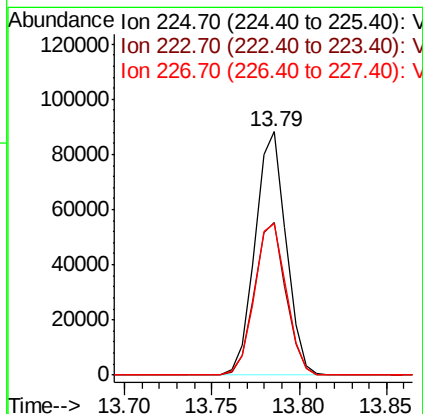
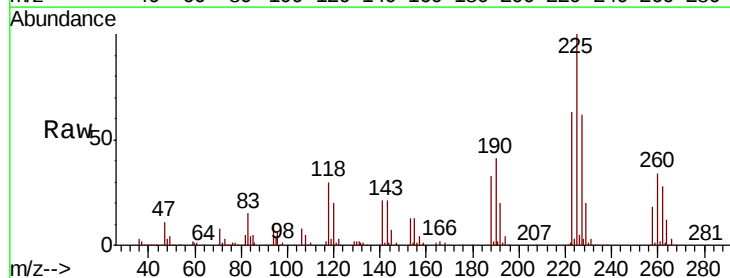
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MSD

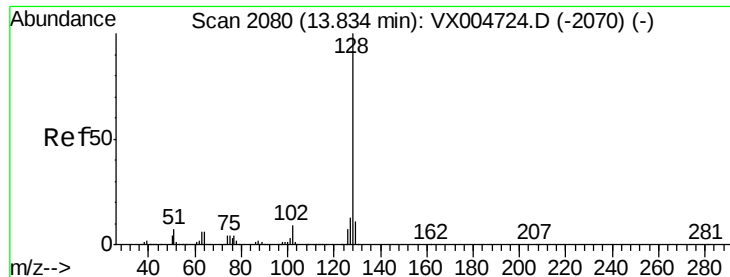
Tot Ion:180 Resp: 242314
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.4
 145 28.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 44.279 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005040.D
 Acq: 05 Oct 2018 00:57

Tgt Ion:225 Resp: 108505
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.3 93.8
 227 64.0 31.9 95.5

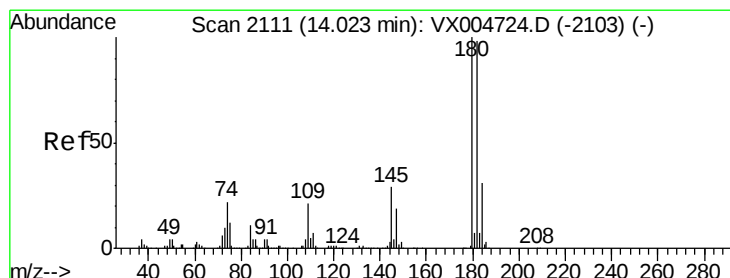
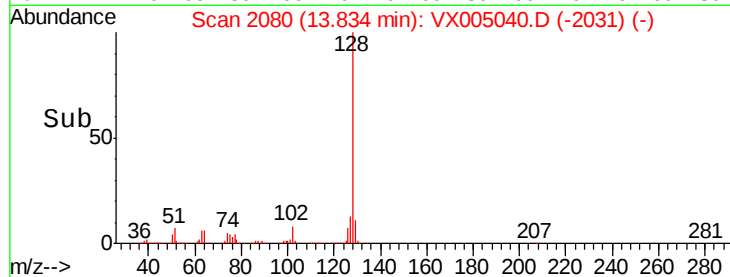
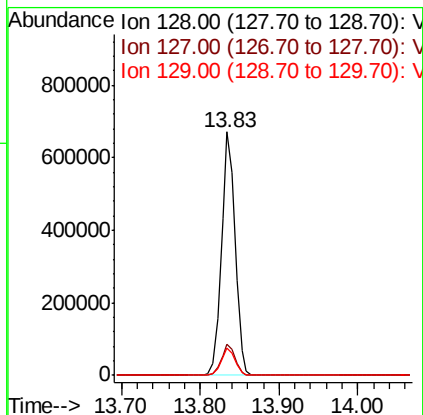
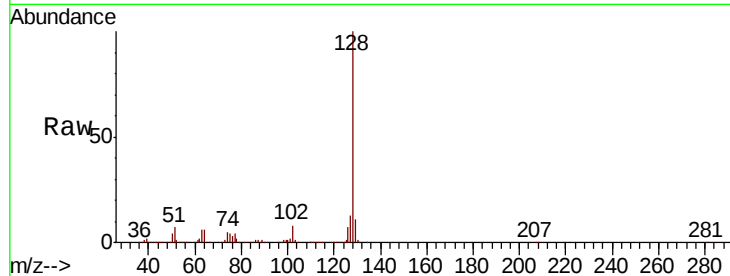




#95
Naphthalene
Concen: 51.568 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MSD

Tot Ion:128 Resp: 809176
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.740 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005040.D
Acq: 05 Oct 2018 00:57

Tgt Ion:180 Resp: 252572
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.8
145 29.4 15.0 45.0

