

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005179.D
 Acq On : 10 Oct 2018 00:17
 Operator : JC/MD
 Sample : J5303-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

Quant Time: Oct 10 05:57:17 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	176610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	266684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151973	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138957	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
35) Dibromofluoromethane	5.50	113	107123	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	8.72	98	384842	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.14	95	142128	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	104077	43.221	ug/l	99
3) Chloromethane	1.32	50	131550	45.028	ug/l	99
4) Vinyl Chloride	1.40	62	132098	48.209	ug/l	98
5) Bromomethane	1.64	94	102922	63.342	ug/l	93
6) Chloroethane	1.71	64	80893	54.375	ug/l	94
7) Trichlorofluoromethane	1.92	101	170543	50.275	ug/l	93
8) Diethyl Ether	2.19	74	74302	50.419	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82083	42.479	ug/l	100
10) Methyl Iodide	2.51	142	118126	45.684	ug/l	91
11) Tert butyl alcohol	3.08	59	205789	291.726	ug/l	99
12) 1,1-Dichloroethene	2.37	96	92885	48.539	ug/l	94
13) Acrolein	2.29	56	36561	72.845	ug/l	89
14) Allyl chloride	2.72	41	195573	46.840	ug/l	96
15) Acrylonitrile	3.15	53	433229	278.981	ug/l	97
16) Acetone	2.45	43	405554	275.343	ug/l	94
17) Carbon Disulfide	2.56	76	229264	39.870	ug/l	99
18) Methyl Acetate	2.78	43	198379	53.160	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	374661	56.760	ug/l	97
20) Methylene Chloride	2.85	84	114801	53.668	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	97217	46.408	ug/l	83
22) Diisopropyl ether	3.87	45	367165	52.221	ug/l	95
23) Vinyl Acetate	3.82	43	1191514	185.137	ug/l	98
24) 1,1-Dichloroethane	3.69	63	216496	51.620	ug/l	99
25) 2-Butanone	4.71	43	567100	261.203	ug/l	98
26) 2,2-Dichloropropane	4.58	77	44541	15.251	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	109482	46.784	ug/l	96
28) Bromochloromethane	5.02	49	101687	51.486	ug/l	99
29) Tetrahydrofuran	5.16	42	365728	271.026	ug/l	98
30) Chloroform	5.21	83	195571	49.339	ug/l	99
31) Cyclohexane	5.57	56	127718	39.787	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	162328	50.145	ug/l	95
36) 1,1-Dichloropropene	5.80	75	132145	42.852	ug/l	94
37) Ethyl Acetate	4.86	43	152604	37.281	ug/l	98
38) Carbon Tetrachloride	5.78	117	138453	42.712	ug/l	99

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Quant Time: Oct 10 05:57:17 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)
39) Methylcyclohexane	7.46	83	105199	33.409	ug/l #	83
40) Benzene	6.14	78	440839	45.663	ug/l	94
41) Methacrylonitrile	5.06	41	110924	48.864	ug/l	97
42) 1,2-Dichloroethane	6.20	62	157994	46.294	ug/l	98
43) Isopropyl Acetate	6.46	43	247294	41.857	ug/l	97
44) Trichloroethene	7.21	130	108995	45.925	ug/l	94
45) 1,2-Dichloropropane	7.52	63	117193	49.500	ug/l	99
46) Dibromomethane	7.66	93	76118	51.158	ug/l	100
47) Bromodichloromethane	7.90	83	147844	53.072	ug/l	98
48) Methyl methacrylate	7.78	41	152876	57.009	ug/l	100
49) 1,4-Dioxane	7.75	88	74919	1124.544	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1062905	285.725	ug/l	99
52) Toluene	8.79	92	255811	48.222	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	133526	42.416	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	141399	42.884	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	116845	50.284	ug/l	96
56) Ethyl methacrylate	9.18	69	177320	47.196	ug/l	98
57) 1,3-Dichloropropane	9.37	76	192451	49.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.25	63	1670	15.029	ug/l #	49
59) 2-Hexanone	9.50	43	850301	274.294	ug/l	95
60) Dibromochloromethane	9.59	129	120841	52.000	ug/l	100
61) 1,2-Dibromoethane	9.68	107	117011	47.020	ug/l	95
64) Tetrachloroethene	9.34	164	98327	39.454	ug/l	95
65) Chlorobenzene	10.14	112	290608	44.756	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	111386	48.796	ug/l	100
67) Ethyl Benzene	10.25	91	470550	45.646	ug/l	95
68) m/p-Xylenes	10.36	106	365590	90.755	ug/l	95
69) o-Xylene	10.70	106	181488	49.051	ug/l	99
70) Styrene	10.71	104	310857	45.138	ug/l	100
71) Bromoform	10.86	173	101131	51.749	ug/l	96
73) Isopropylbenzene	11.02	105	465898	48.637	ug/l	100
74) N-amyl acetate	10.90	43	194943	37.479	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	194035	49.761	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	203008	59.598	ug/l	84
77) Bromobenzene	11.26	156	135893	48.842	ug/l	99
78) n-propylbenzene	11.36	91	512050	46.589	ug/l	99
79) 2-Chlorotoluene	11.42	91	329945	48.162	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	394942	44.964	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37309	30.673	ug/l	99
82) 4-Chlorotoluene	11.51	91	388639	48.196	ug/l	99
83) tert-Butylbenzene	11.77	119	397268	50.372	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	413010	45.598	ug/l	99
85) sec-Butylbenzene	11.94	105	436685	45.458	ug/l	100
86) p-Isopropyltoluene	12.07	119	393195	45.177	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	241744	46.531	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	242859	45.283	ug/l	99
89) n-Butylbenzene	12.39	91	315687	39.939	ug/l	100
90) Hexachloroethane	12.60	117	67997	46.924	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	255135	46.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48411	56.544	ug/l	99

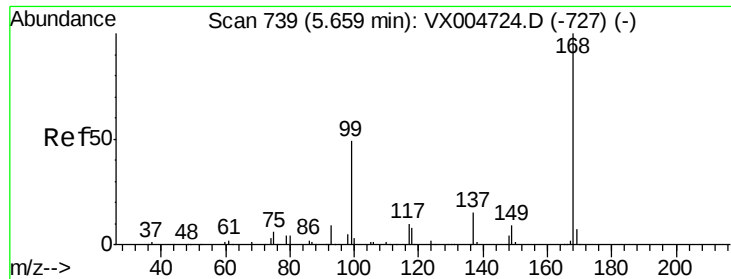
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	176671	46.387	ug/l	100
94) Hexachlorobutadiene	13.78	225	70230	35.560	ug/l	99
95) Naphthalene	13.83	128	631716	49.973	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	194490	49.434	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: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

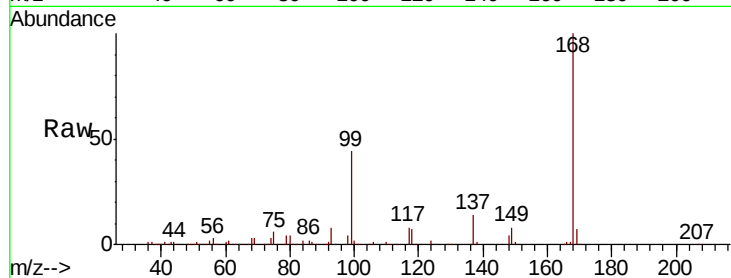
SA-TW513-1014MSD

Tot Ion:168 Resp: 176610

Ion Ratio Lower Upper

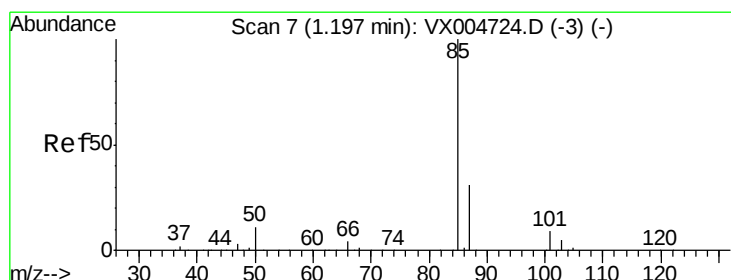
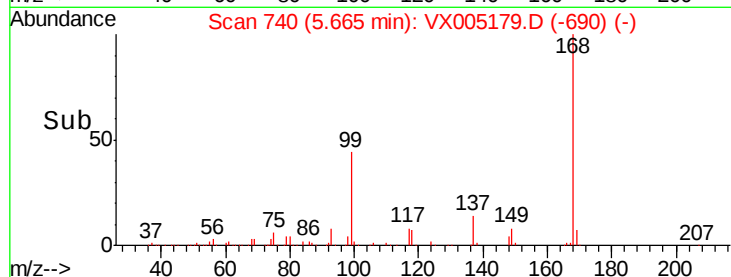
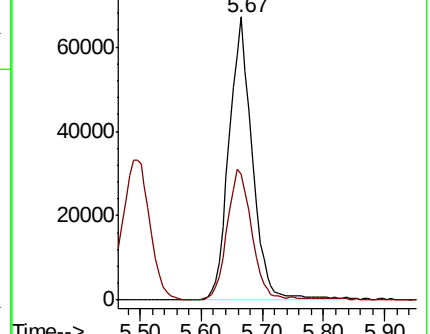
168 100

99 44.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.221 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005179.D

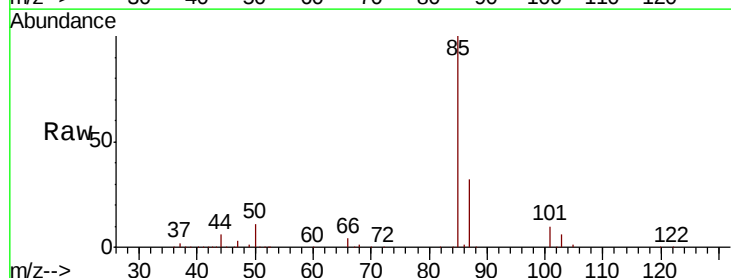
Acq: 10 Oct 2018 00:17

Tgt Ion: 85 Resp: 104077

Ion Ratio Lower Upper

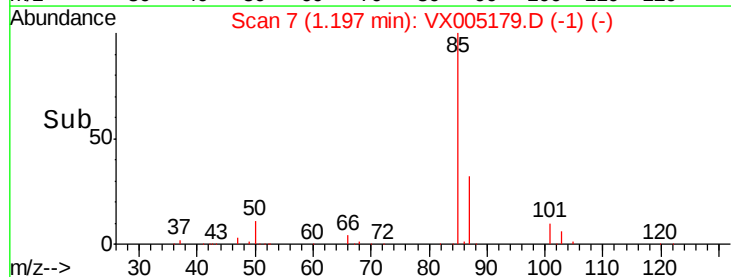
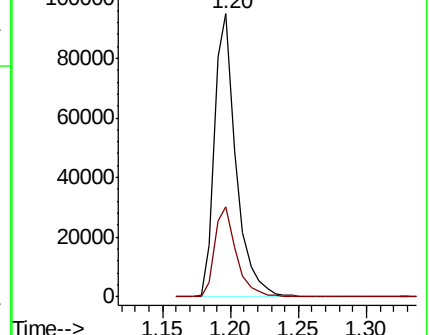
85 100

87 32.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.028 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

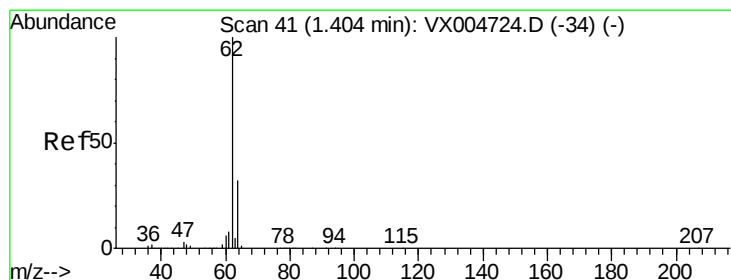
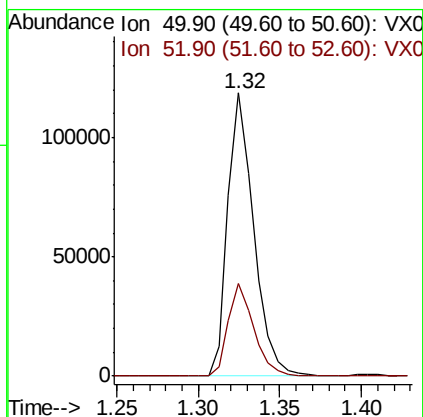
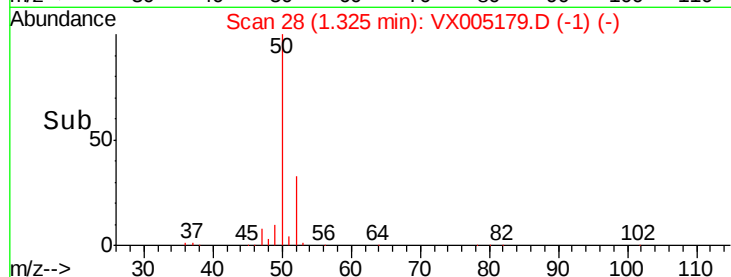
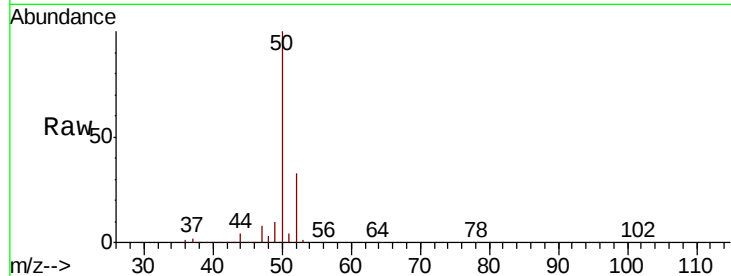
SA-TW513-1014MSD

Tot Ion: 50 Resp: 131550

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 48.209 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005179.D

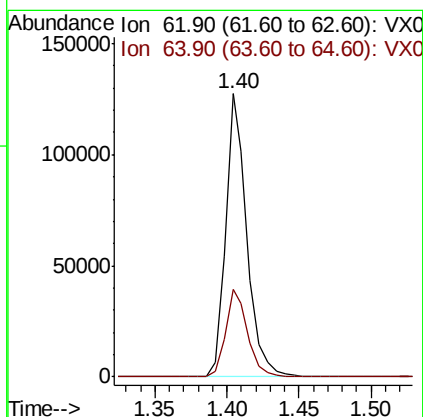
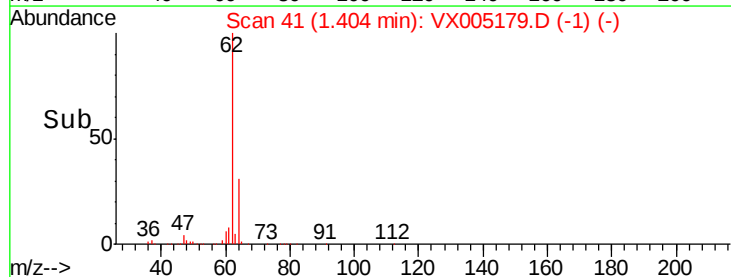
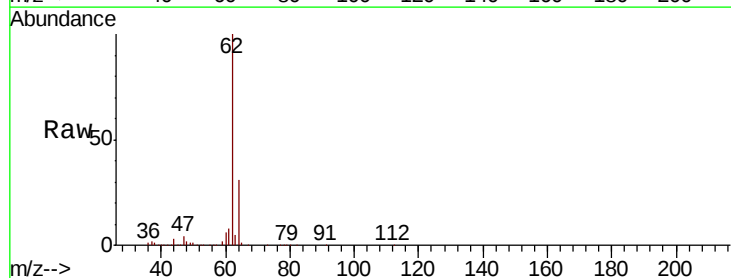
Acq: 10 Oct 2018 00:17

Tgt Ion: 62 Resp: 132098

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3





#5

Bromomethane

Concen: 63.342 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

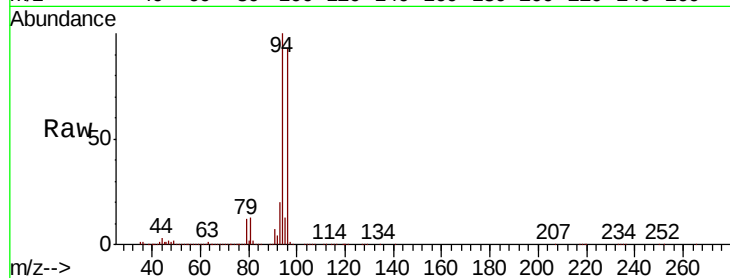
SA-TW513-1014MSD

Tot Ion: 94 Resp: 102922

Ion Ratio Lower Upper

94 100

96 92.8 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

120000

100000

80000

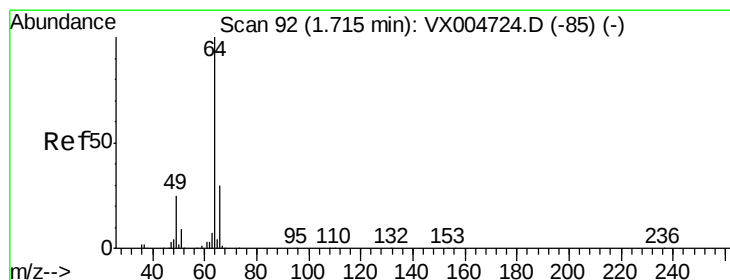
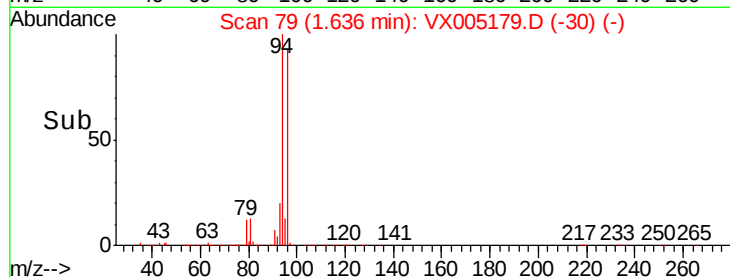
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 54.375 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005179.D

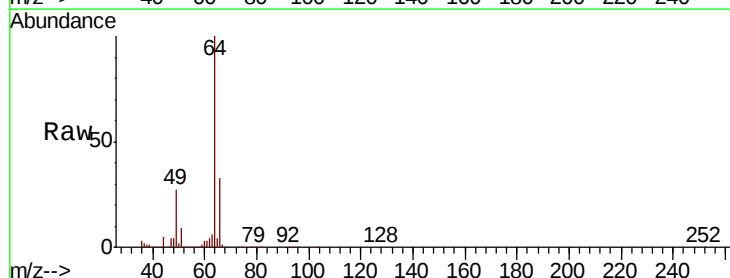
Acq: 10 Oct 2018 00:17

Tgt Ion: 64 Resp: 80893

Ion Ratio Lower Upper

64 100

66 32.9 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

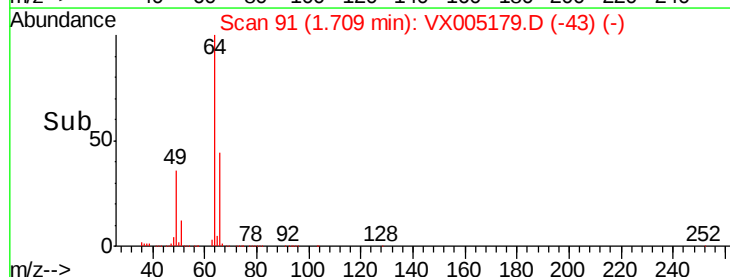
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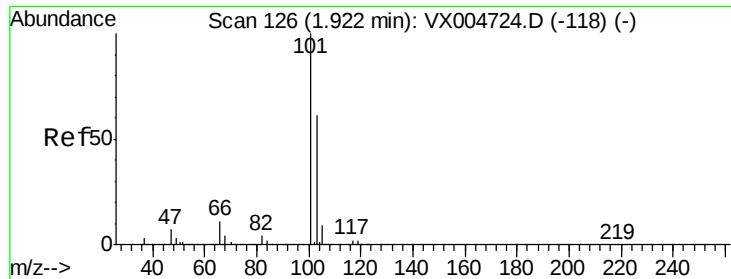
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Time-->



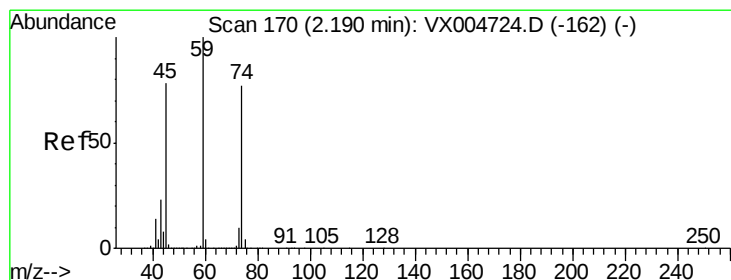
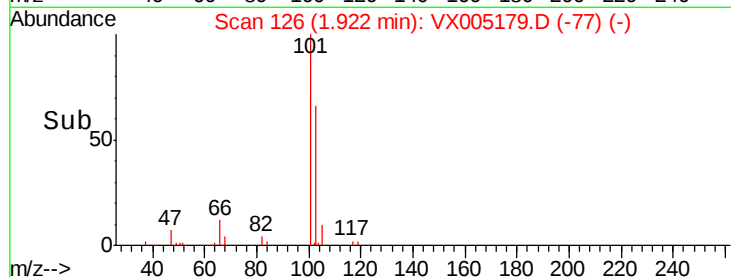
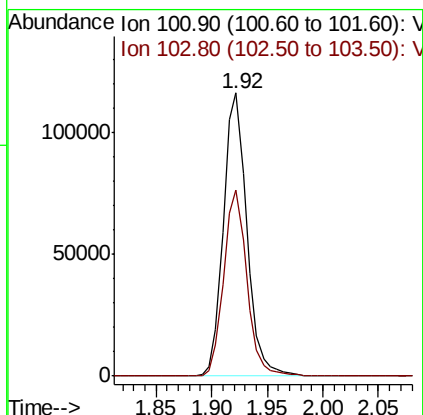
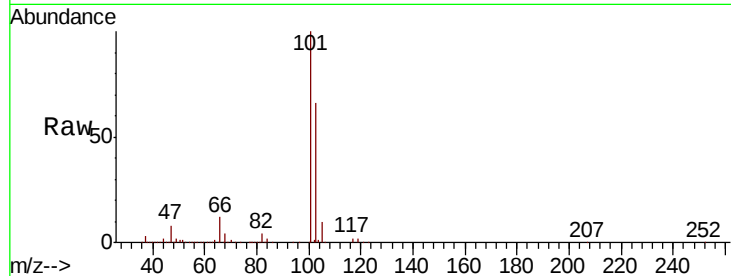


#7

Trichlorofluoromethane
Concen: 50.275 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Instrument :
MSVOA_X
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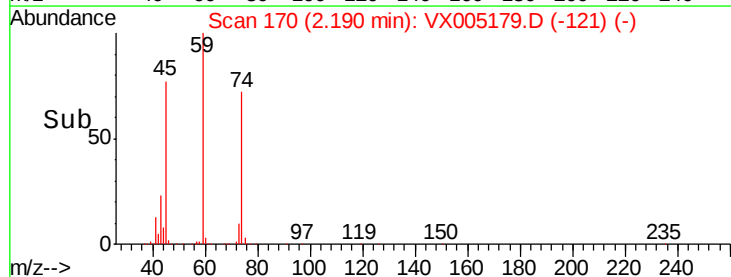
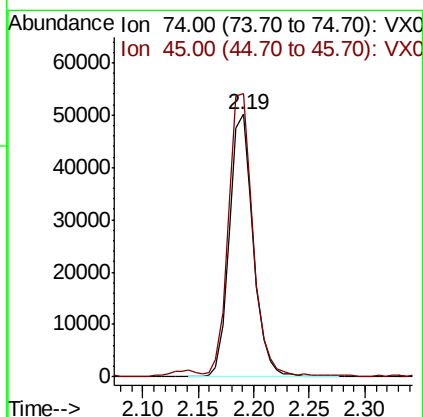
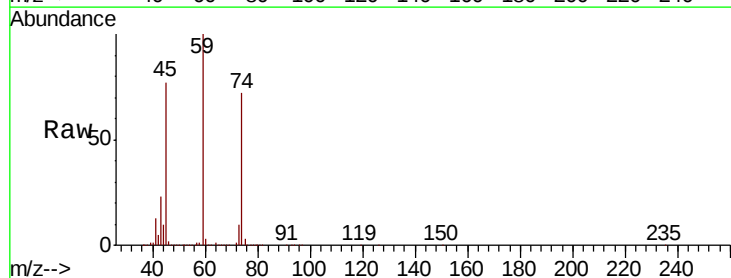
Tot Ion:101 Resp: 170543
Ion Ratio Lower Upper
101 100
103 65.6 48.4 72.6

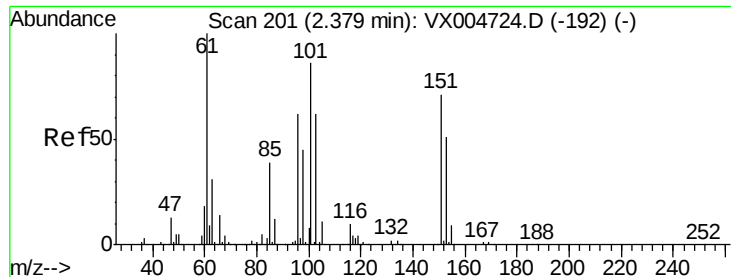


#8

Diethyl Ether
Concen: 50.419 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion: 74 Resp: 74302
Ion Ratio Lower Upper
74 100
45 109.8 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.479 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-1014MSD

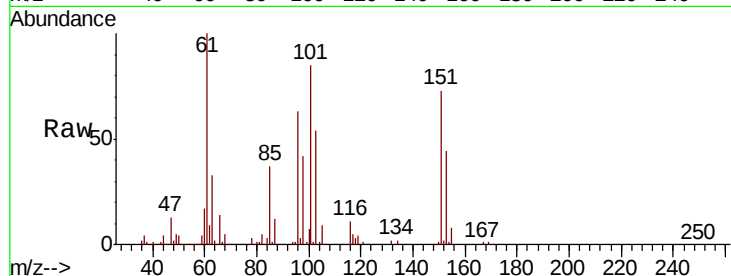
Tot Ion:101 Resp: 82083

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

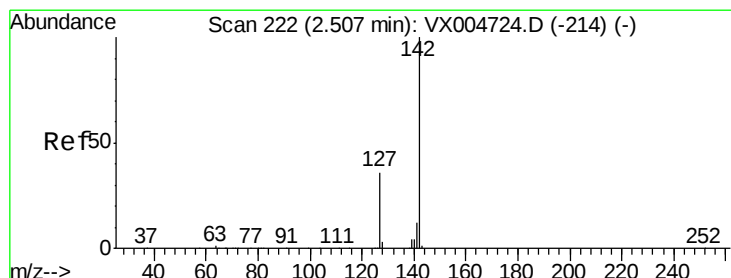
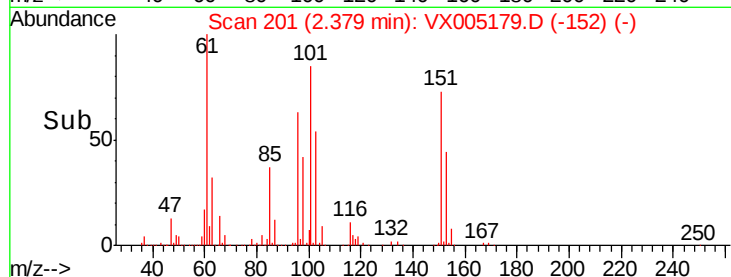
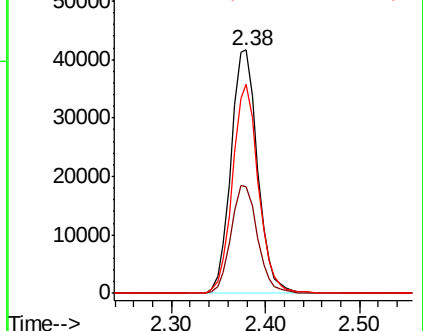
151 83.5 66.6 100.0



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: 45.684 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

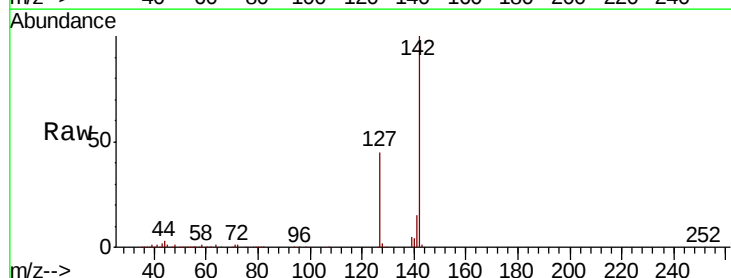
Tgt Ion:142 Resp: 118126

Ion Ratio Lower Upper

142 100

127 44.1 30.1 45.1

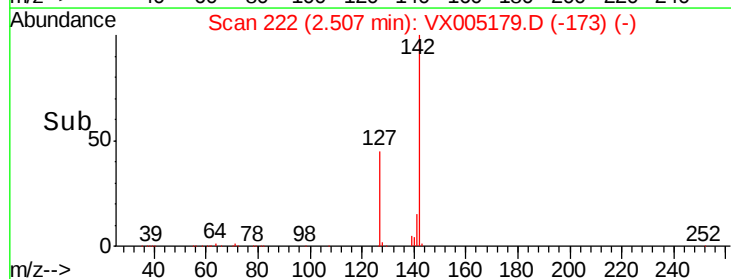
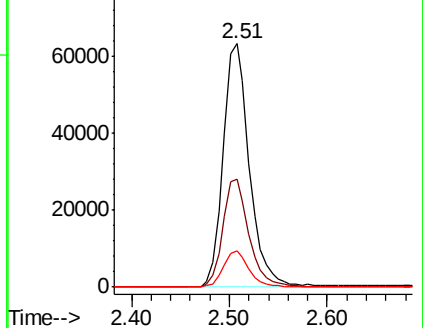
141 14.4 10.1 15.1

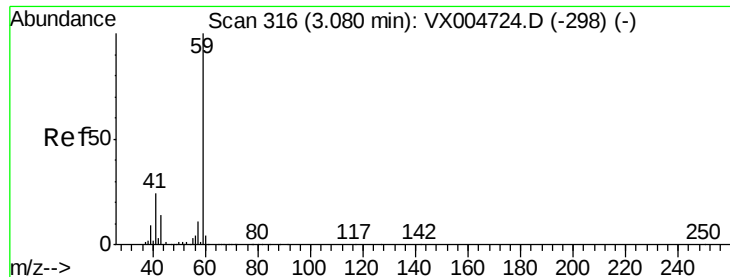


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



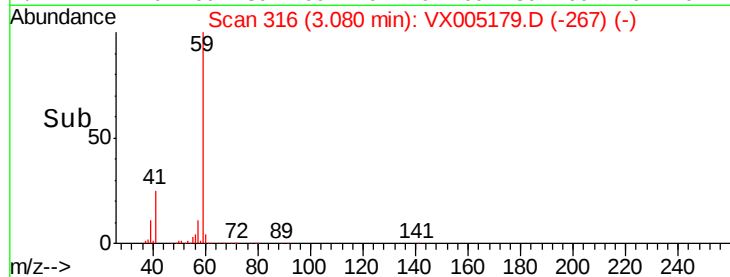
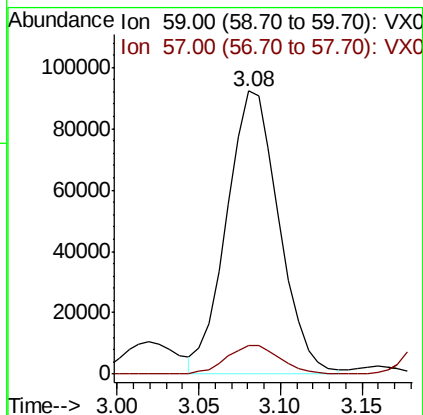
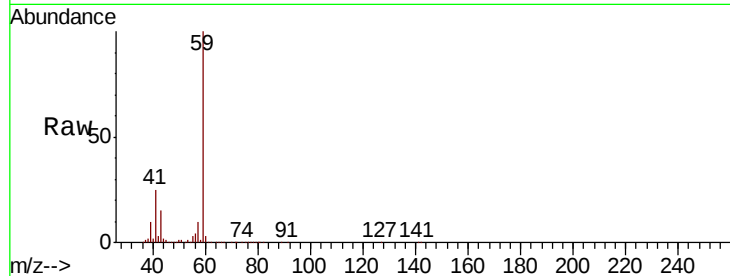


#11

Tert butyl alcohol
 Concen: 291.726 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

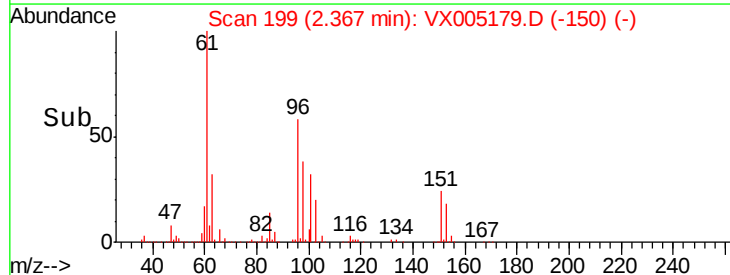
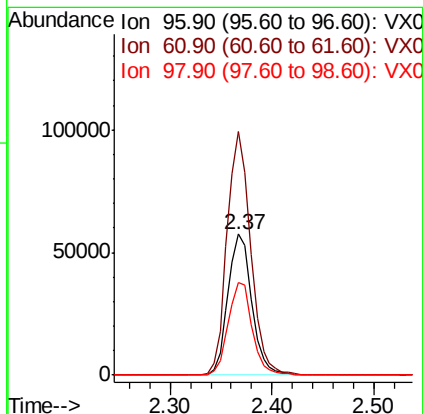
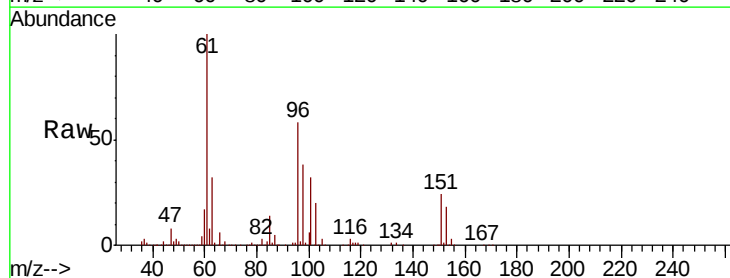
Tot Ion: 59 Resp: 205789
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 48.539 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Tgt Ion: 96 Resp: 92885
 Ion Ratio Lower Upper
 96 100
 61 173.0 130.2 195.4
 98 65.6 53.4 80.0





#13

Acrolein

Concen: 72.845 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

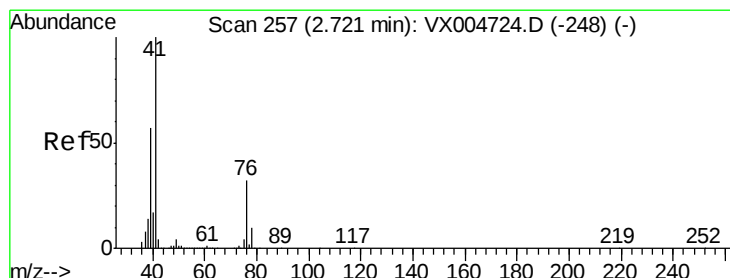
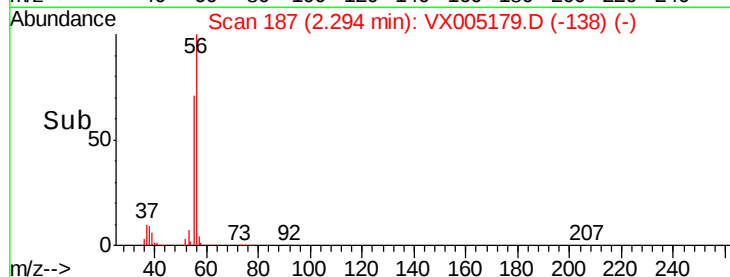
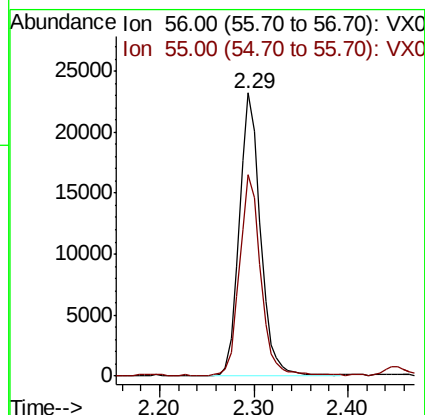
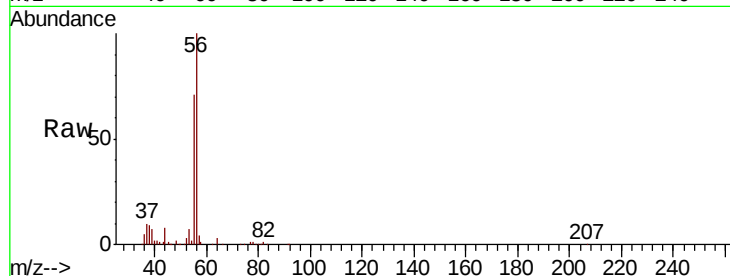
SA-TW513-1014MSD

Tot Ion: 56 Resp: 36561

Ion Ratio Lower Upper

56 100

55 70.0 63.4 95.2



#14

Allyl chloride

Concen: 46.840 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

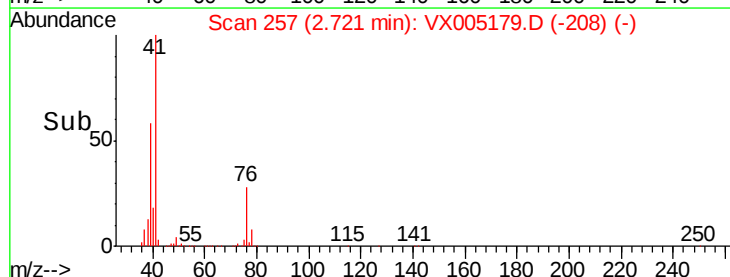
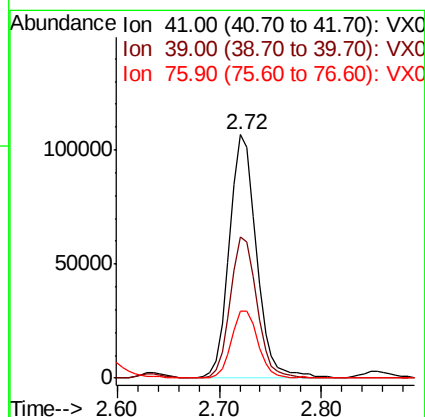
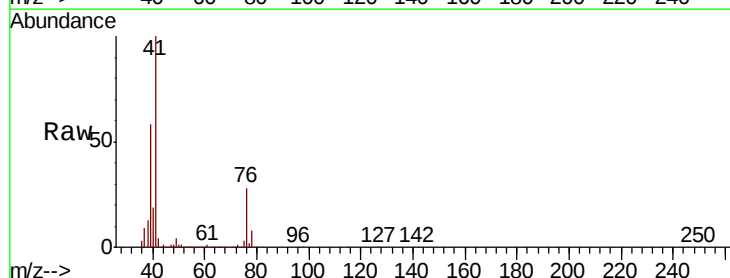
Tgt Ion: 41 Resp: 195573

Ion Ratio Lower Upper

41 100

39 56.6 44.1 66.1

76 27.2 25.0 37.4

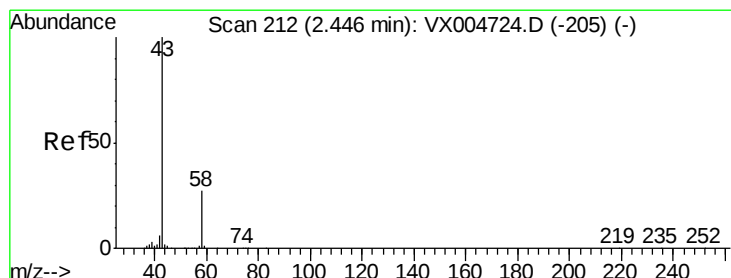
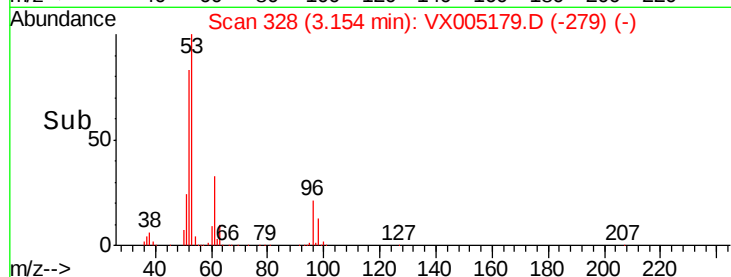
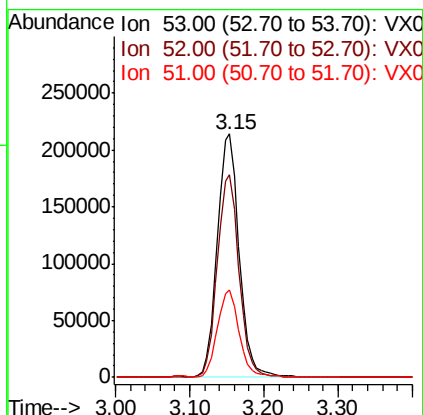
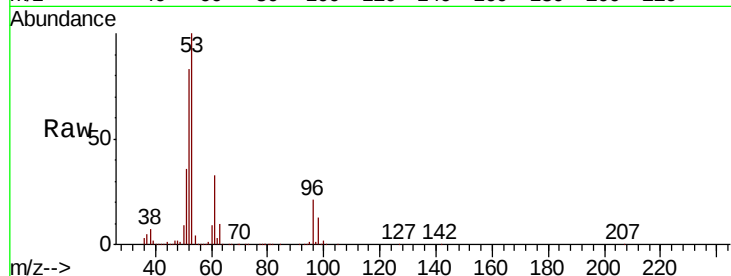




#15
 Acrylonitrile
 Concen: 278.981 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

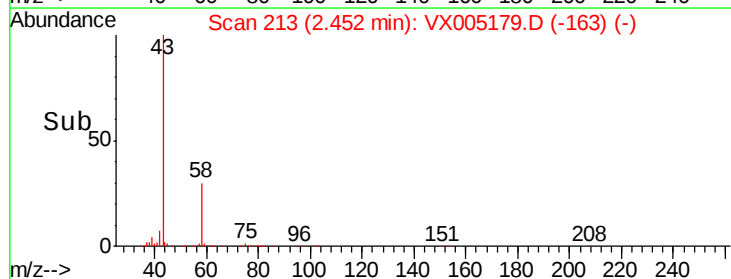
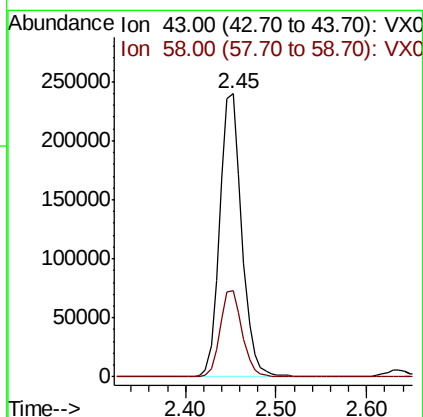
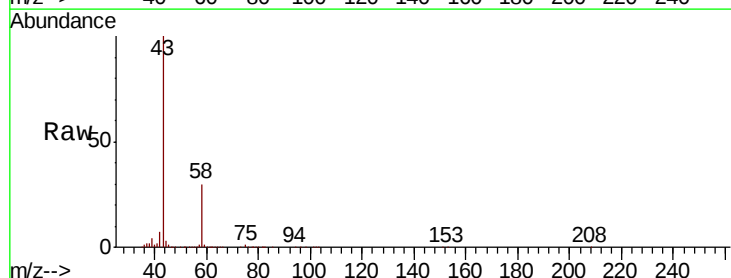
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

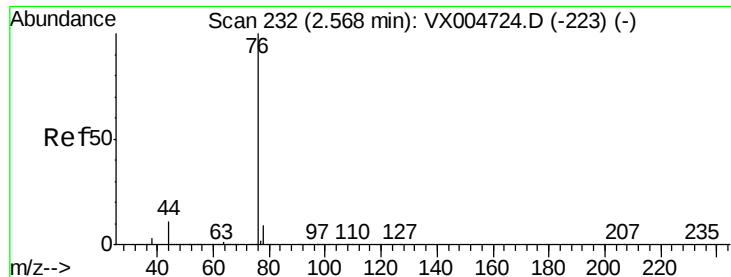
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	63.0	94.4
51	36.2	28.6	42.8



#16
 Acetone
 Concen: 275.343 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.3	21.8	32.6

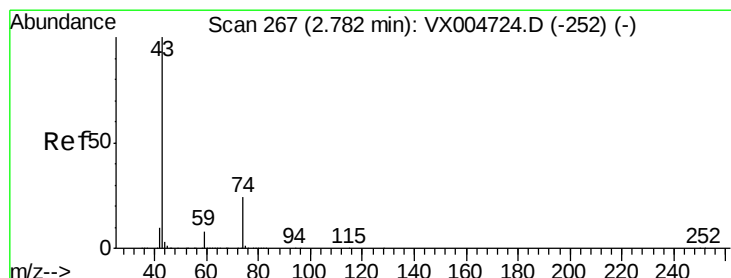
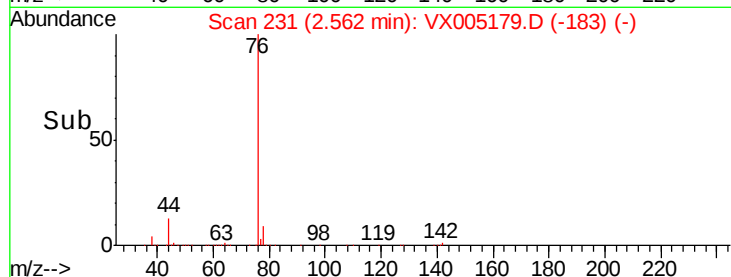
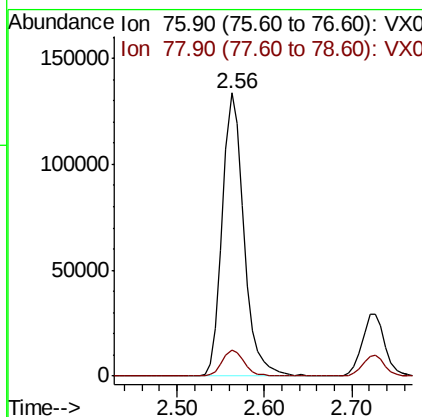
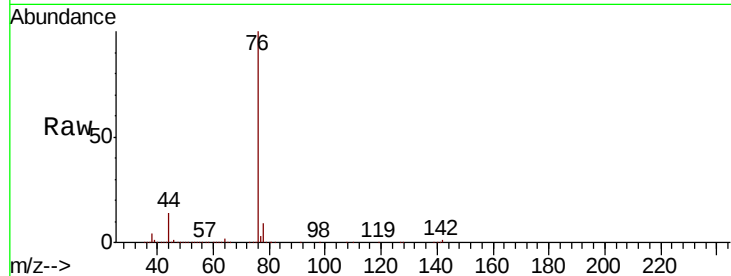




#17
Carbon Disulfide
Concen: 39.870 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

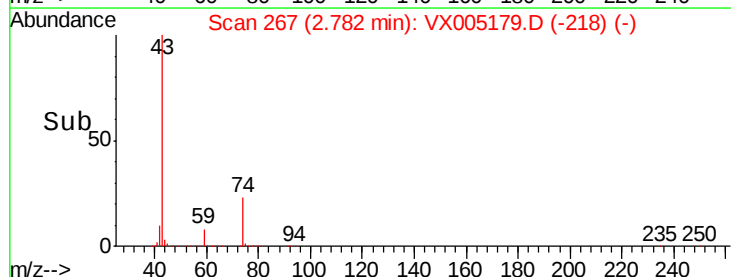
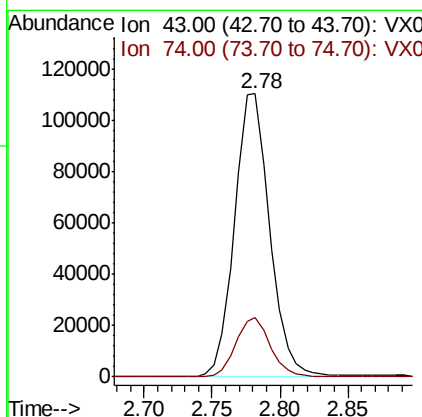
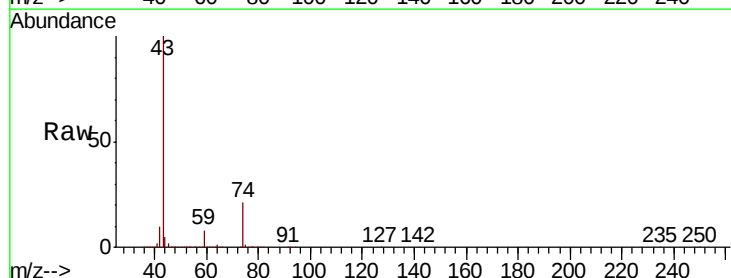
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

Tot Ion: 76 Resp: 229264
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 53.160 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion: 43 Resp: 198379
Ion Ratio Lower Upper
43 100
74 20.4 17.8 26.8



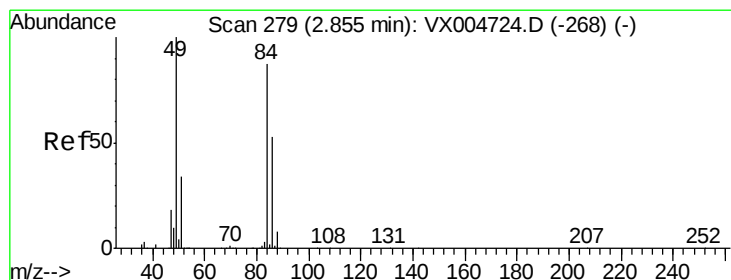
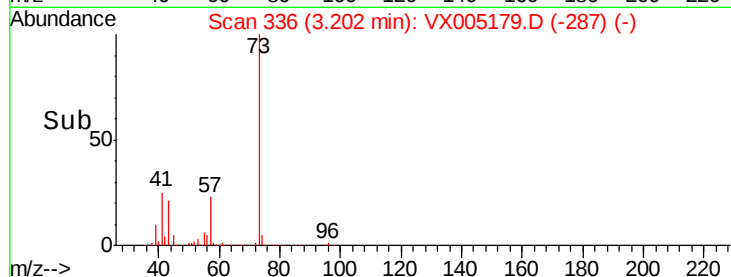
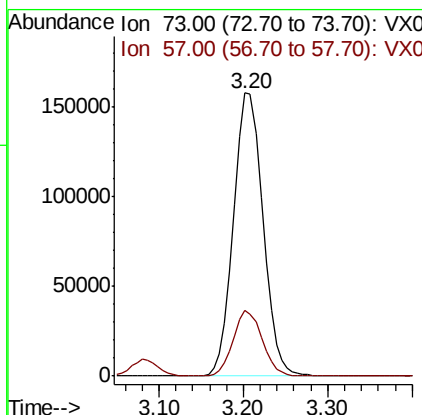
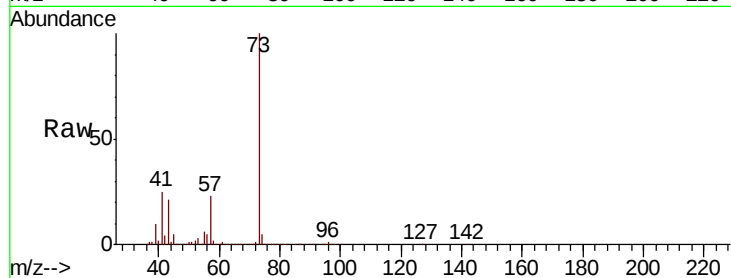


#19

Methyl tert-butyl Ether
 Concen: 56.760 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

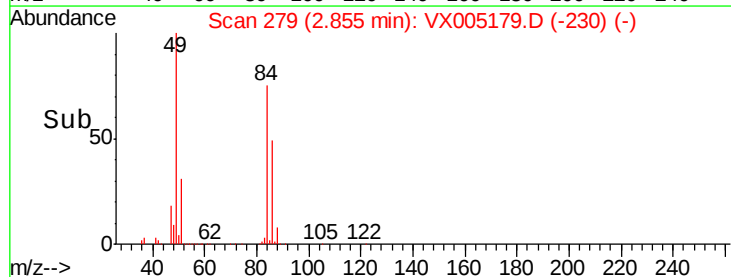
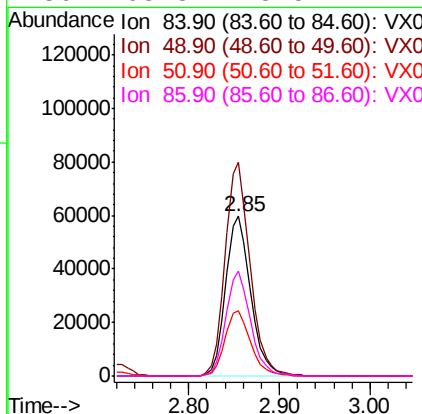
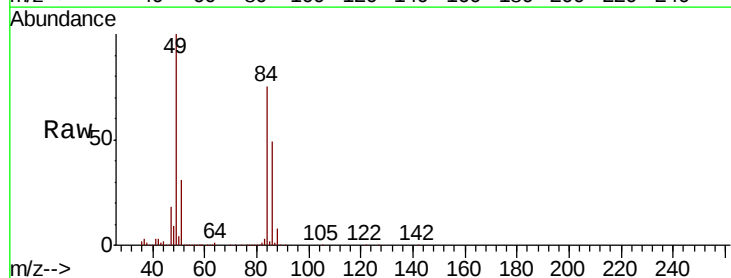
Tot Ion: 73 Resp: 374661
 Ion Ratio Lower Upper
 73 100
 57 23.3 19.9 29.9

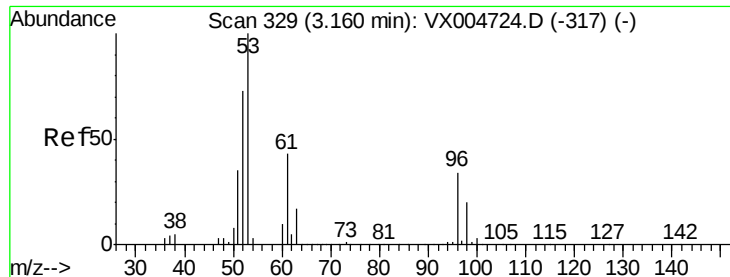


#20

Methylene Chloride
 Concen: 53.668 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Tgt Ion: 84 Resp: 114801
 Ion Ratio Lower Upper
 84 100
 49 134.0 92.3 138.5
 51 40.9 31.8 47.6
 86 65.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 46.408 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-1014MSD

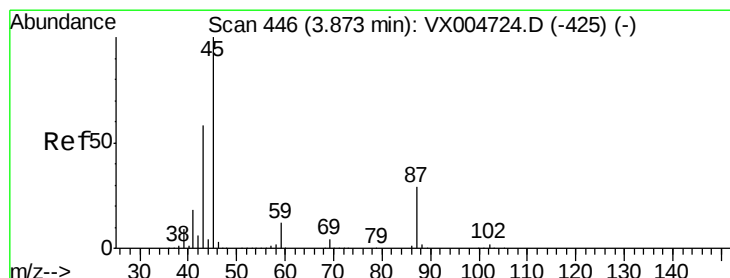
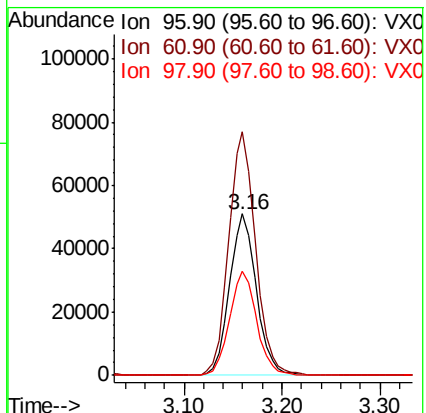
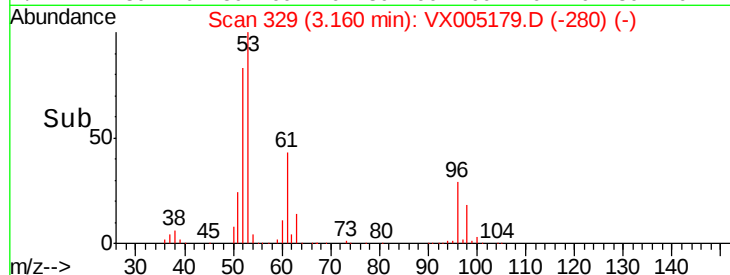
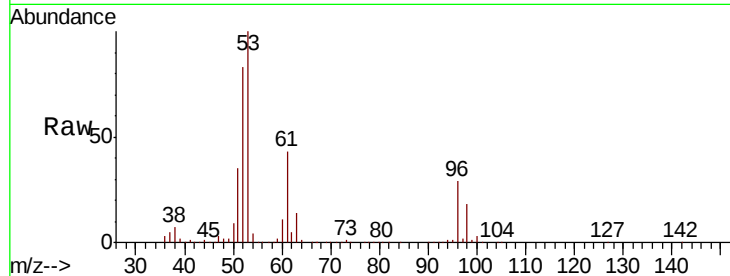
Tot Ion: 96 Resp: 97217

Ion Ratio Lower Upper

96 100

61 150.8 101.0 151.6

98 64.3 47.2 70.8



#22

Diisopropyl ether

Concen: 52.221 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Tgt Ion: 45 Resp: 367165

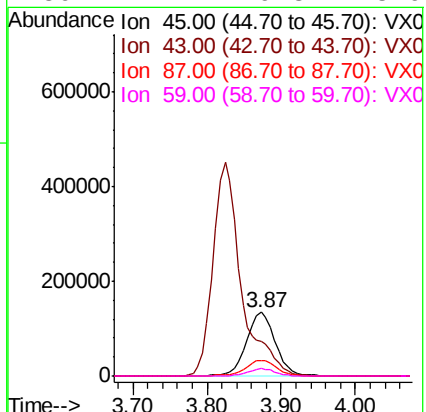
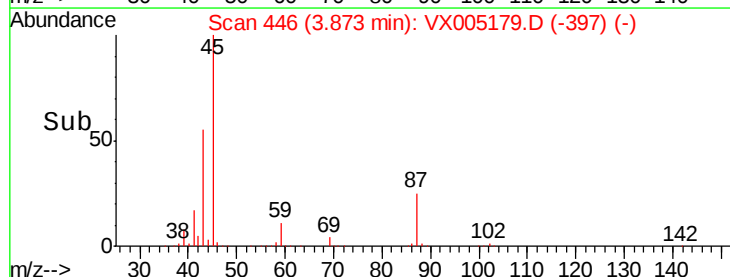
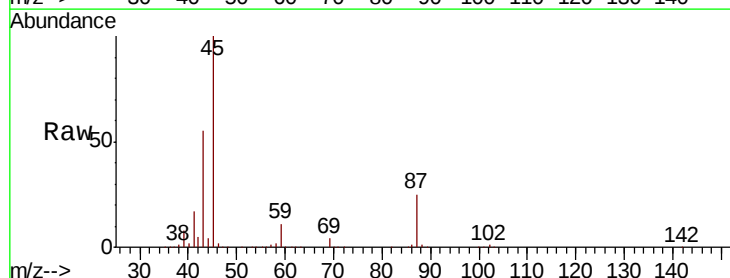
Ion Ratio Lower Upper

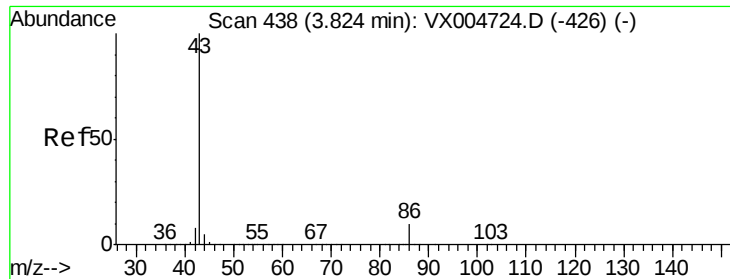
45 100

43 54.1 46.7 70.1

87 25.0 22.9 34.3

59 11.1 9.3 13.9





#23

Vinyl Acetate

Concen: 185.137 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

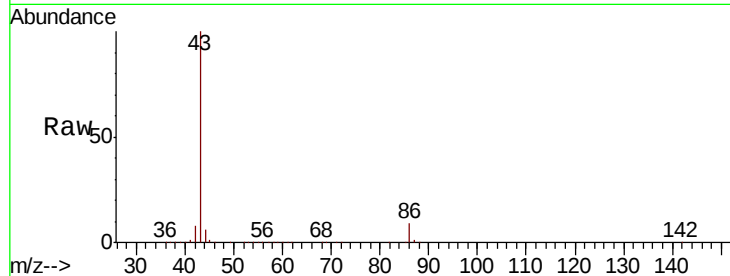
SA-TW513-1014MSD

Tot Ion: 43 Resp: 1191514

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

3.82

400000

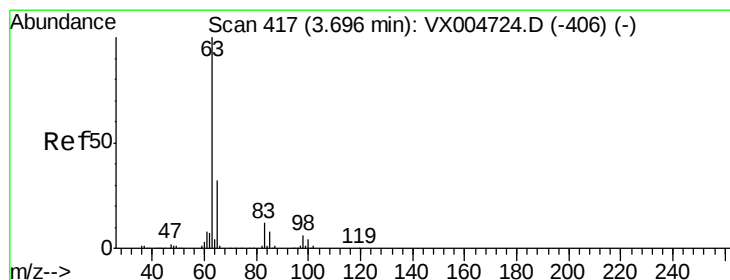
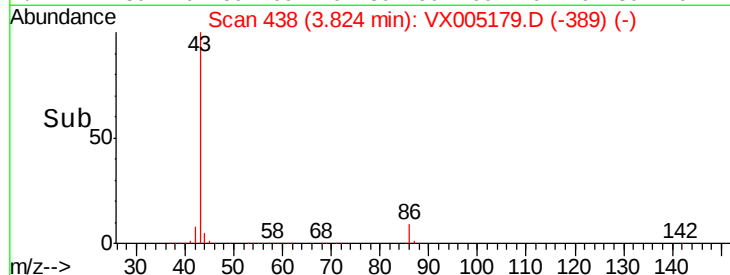
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.620 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

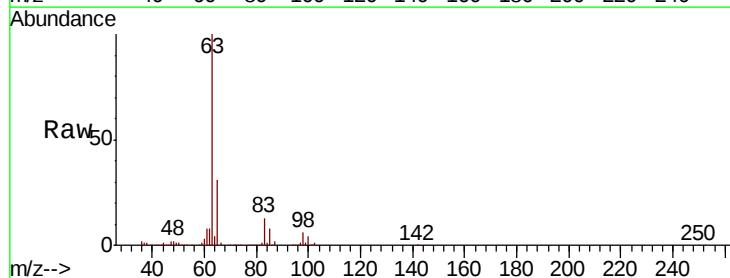
Tgt Ion: 63 Resp: 216496

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 4.2 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

120000

100000

80000

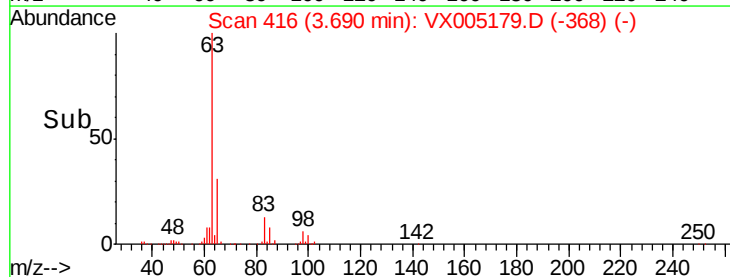
60000

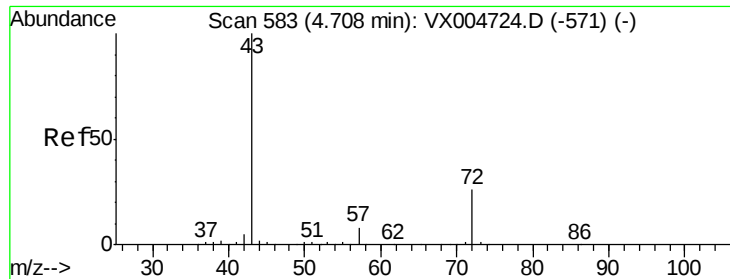
40000

20000

0

Time-->





#25

2-Butanone

Concen: 261.203 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

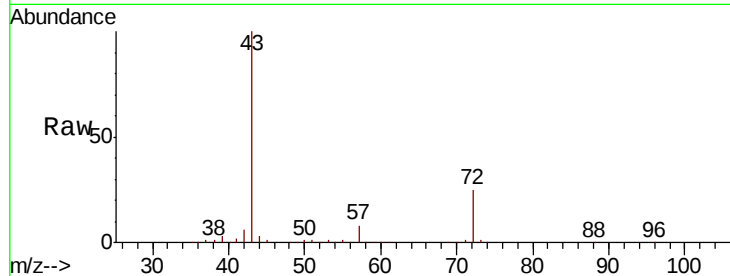
SA-TW513-1014MSD

Tot Ion: 43 Resp: 567100

Ion Ratio Lower Upper

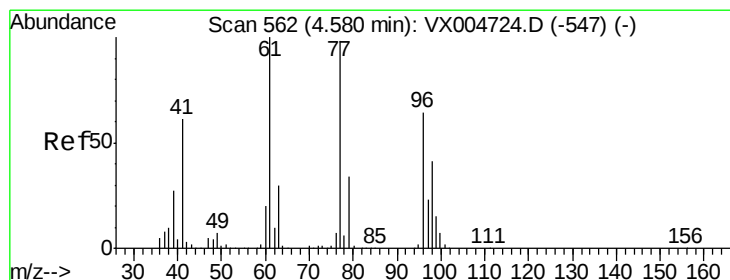
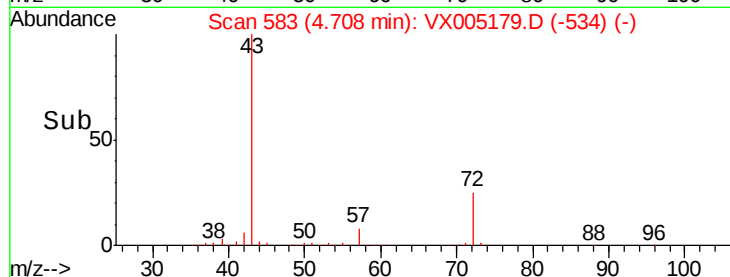
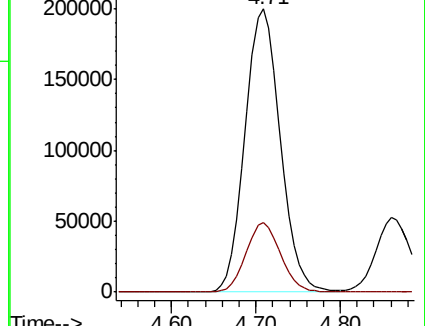
43 100

72 24.7 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: 15.251 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005179.D

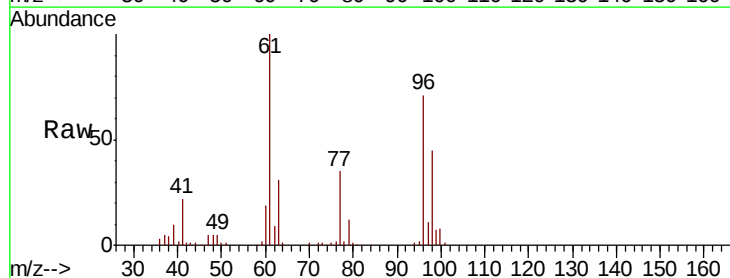
Acq: 10 Oct 2018 00:17

Tgt Ion: 77 Resp: 44541

Ion Ratio Lower Upper

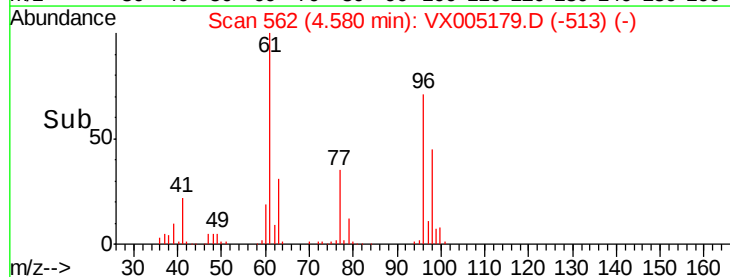
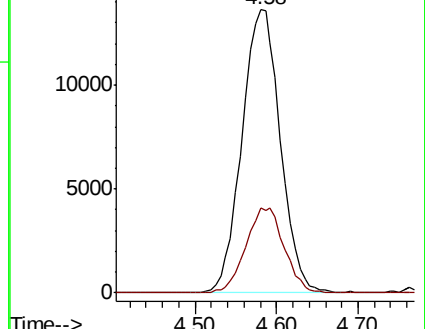
77 100

97 29.9 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



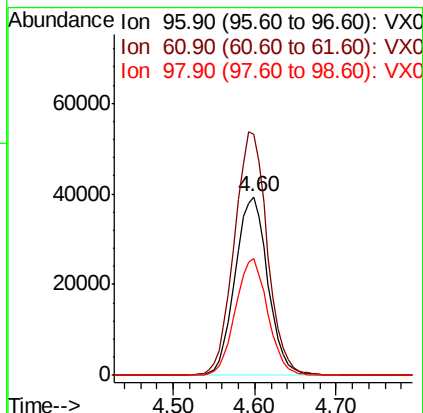
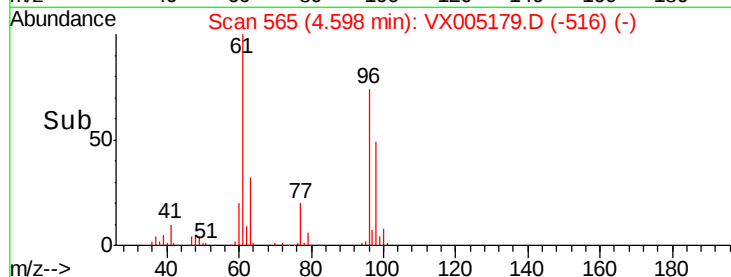
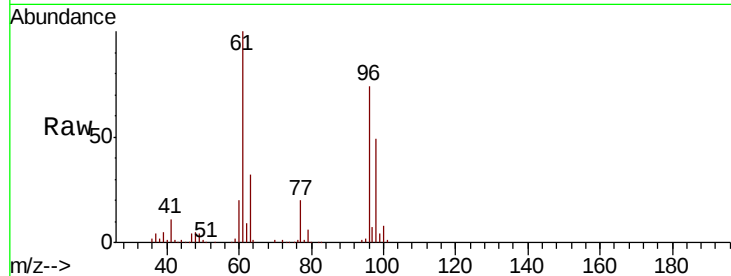


#27

cis-1,2-Dichloroethene
 Concen: 46.784 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

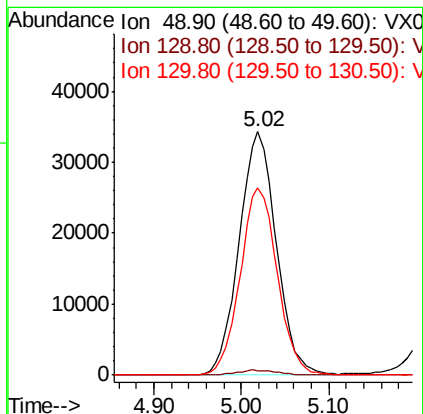
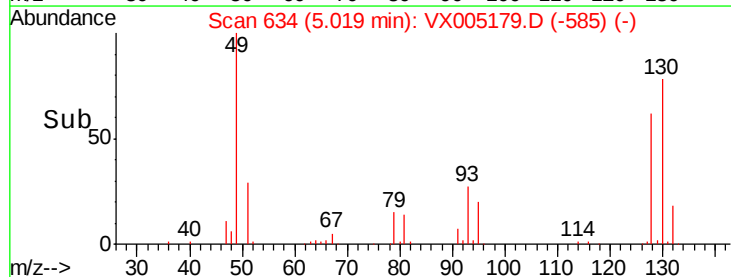
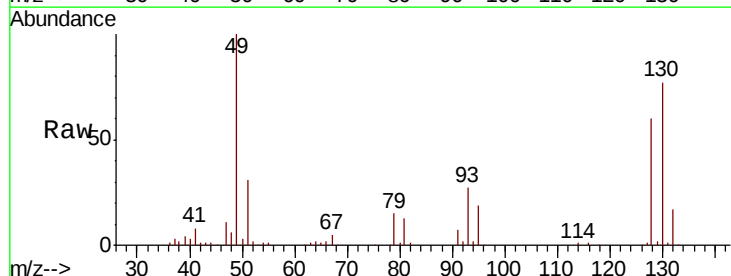
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	285.8
98	64.7	0.0	136.2



#28

Bromochloromethane
 Concen: 51.486 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	76.6	62.0	93.0

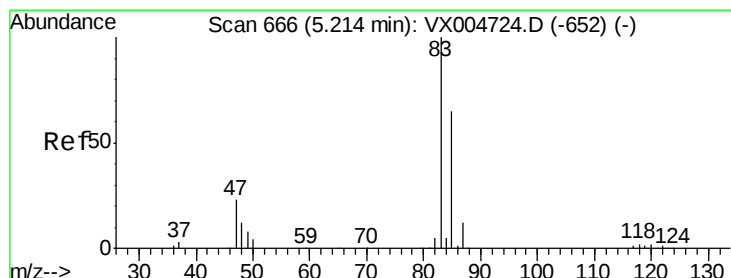
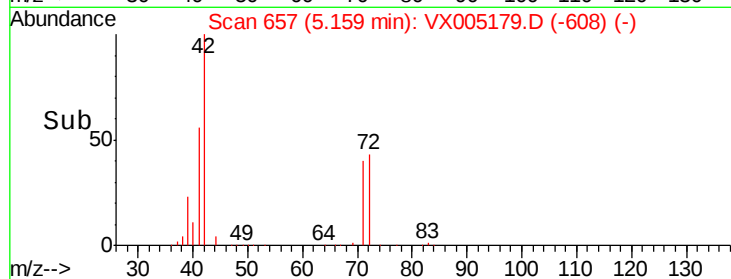
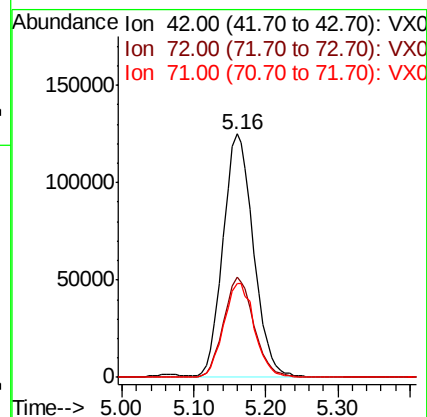
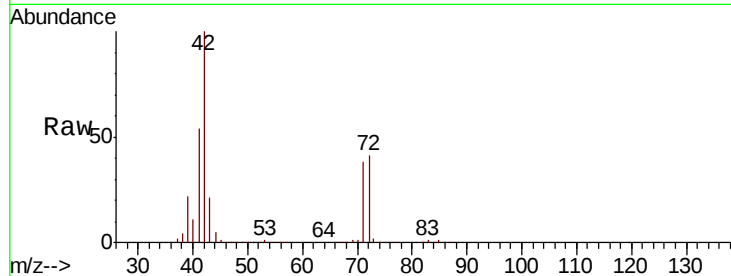




#29
Tetrahydrofuran
Concen: 271.026 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

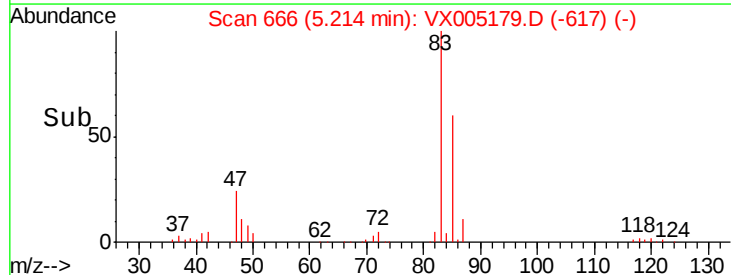
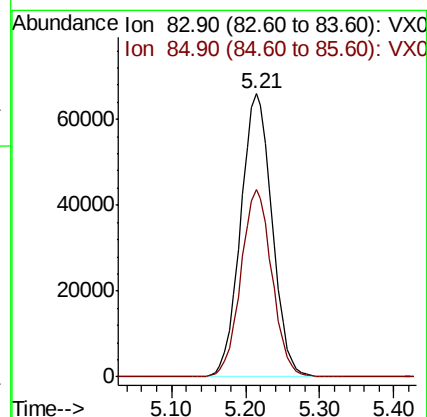
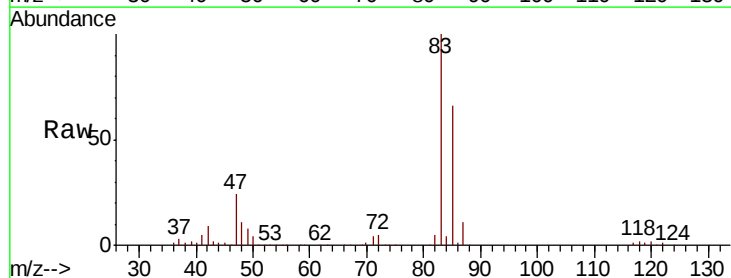
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

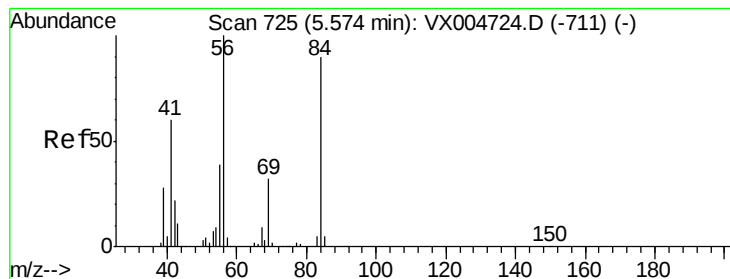
Tot Ion: 42 Resp: 365728
Ion Ratio Lower Upper
42 100
72 41.3 33.7 50.5
71 39.1 32.2 48.4



#30
Chloroform
Concen: 49.339 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion: 83 Resp: 195571
Ion Ratio Lower Upper
83 100
85 66.0 52.4 78.6





#31

Cyclohexane

Concen: 39.787 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-1014MSD

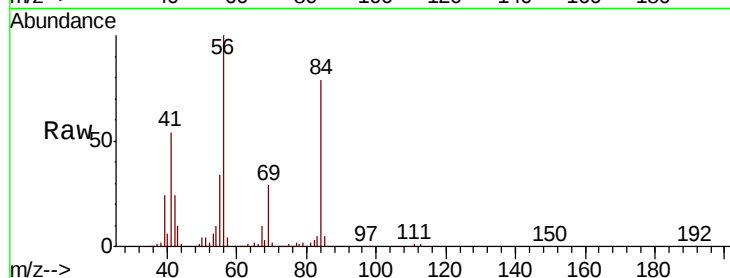
Tot Ion: 56 Resp: 127718

Ion Ratio Lower Upper

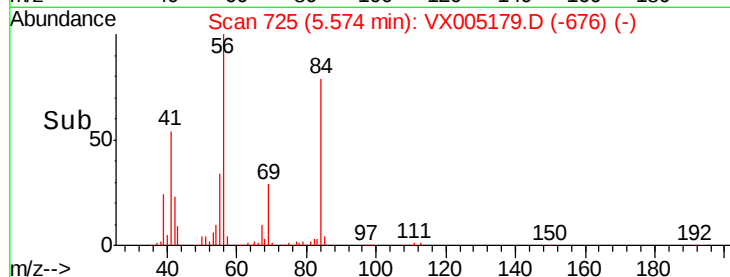
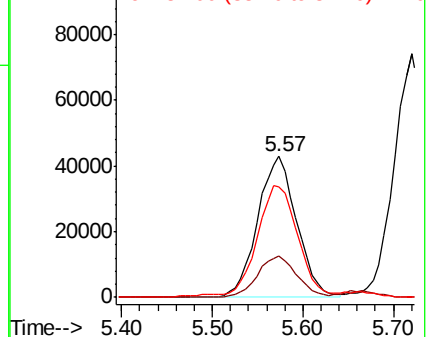
56 100

69 29.0 25.9 38.9

84 77.1 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: 50.145 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

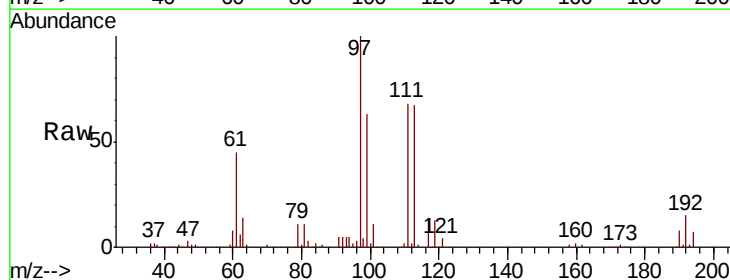
Tgt Ion: 97 Resp: 162328

Ion Ratio Lower Upper

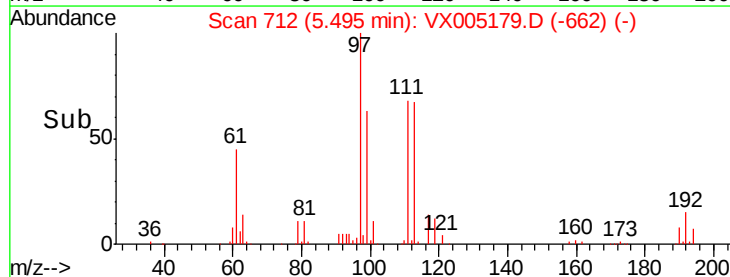
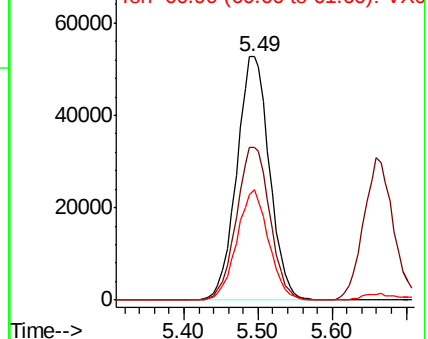
97 100

99 64.4 54.6 82.0

61 44.2 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

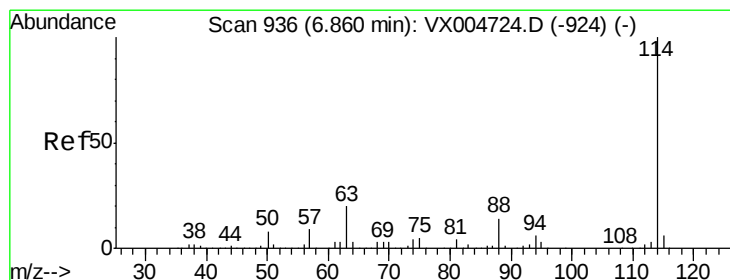
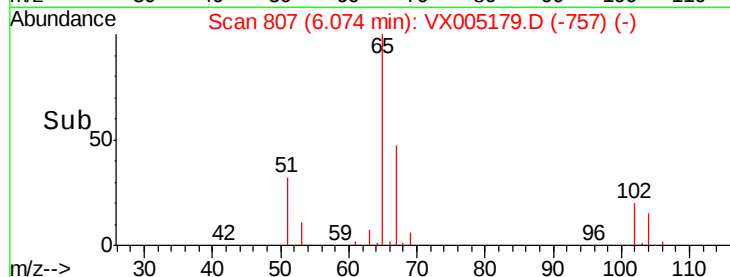
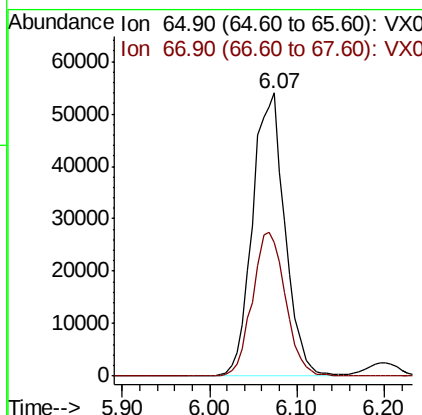
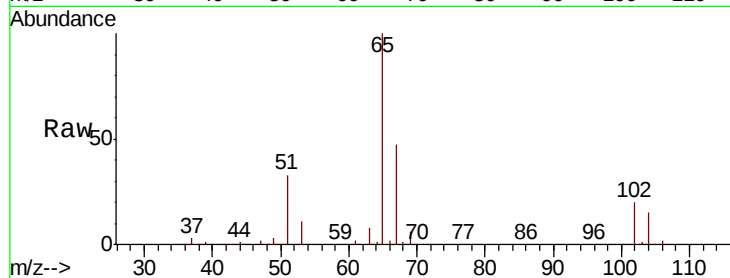




#33
 1,2-Dichloroethane-d4
 Concen: 55.079 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

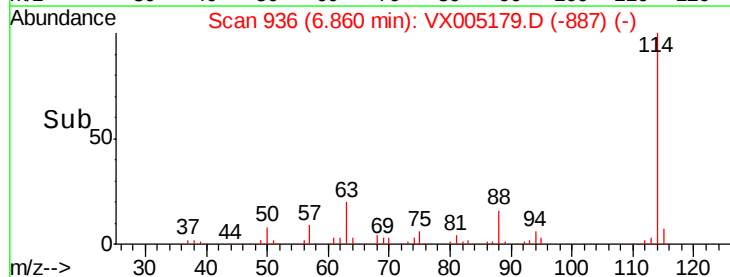
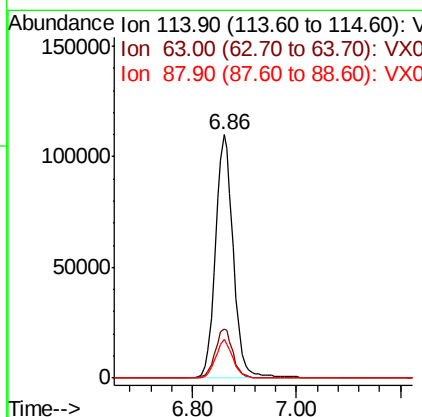
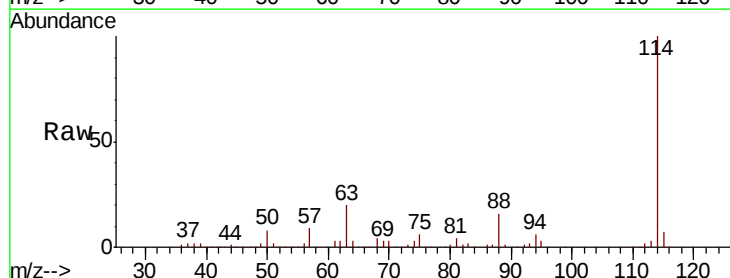
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

Tot Ion: 65 Resp: 138957
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Tgt Ion: 114 Resp: 266684
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.8 0.0 27.0

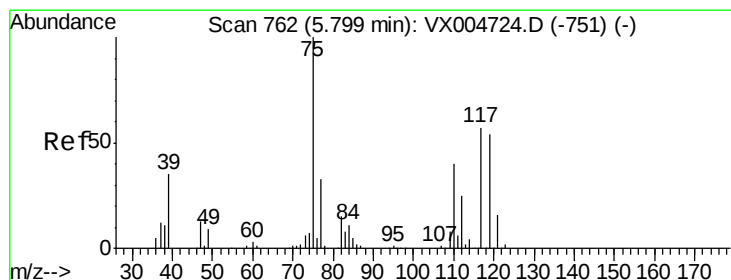
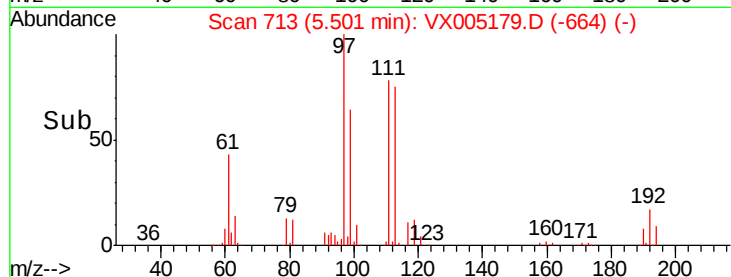
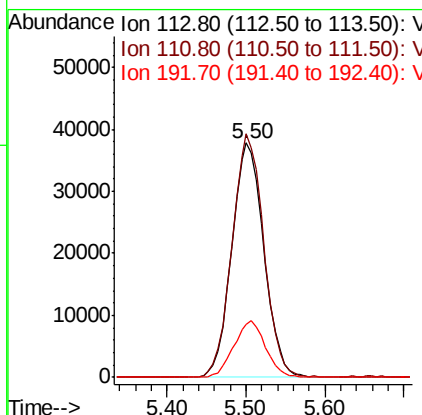
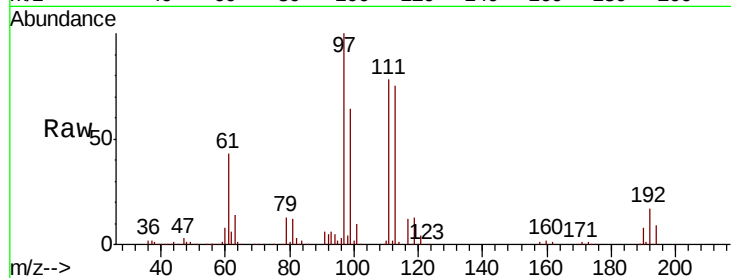




#35
 Dibromofluoromethane
 Concen: 47.396 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

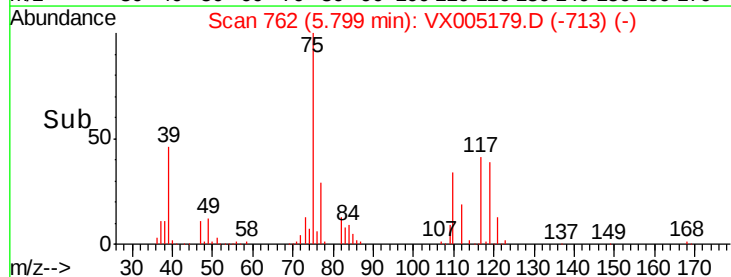
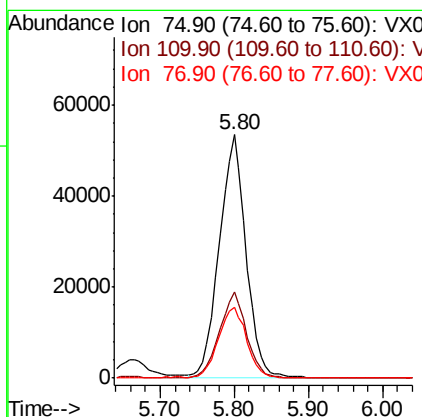
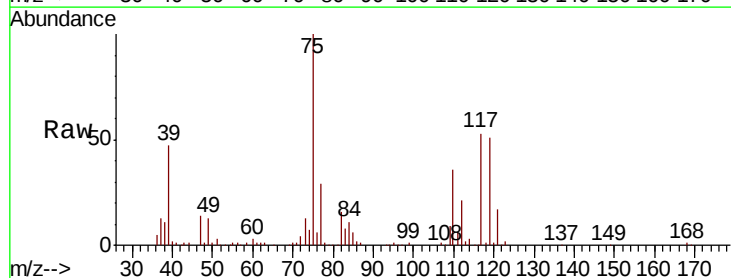
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

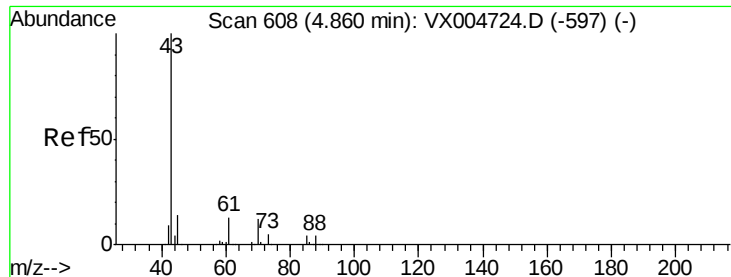
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	77.0	115.4
192	23.7	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 42.852 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	20.0	59.9
77	30.9	27.1	40.7

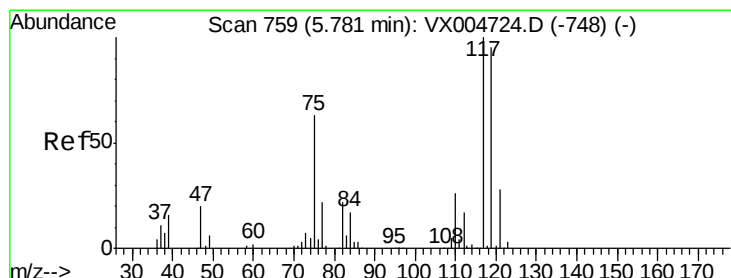
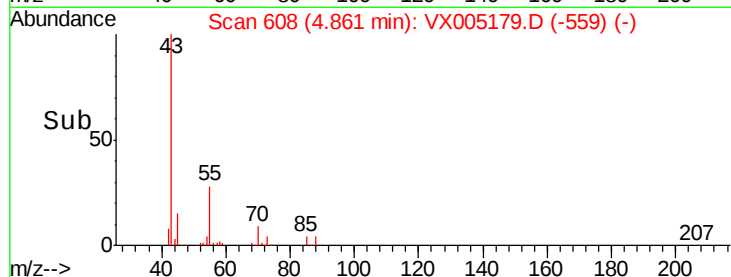
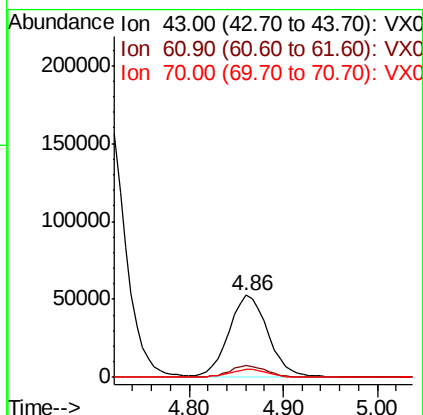
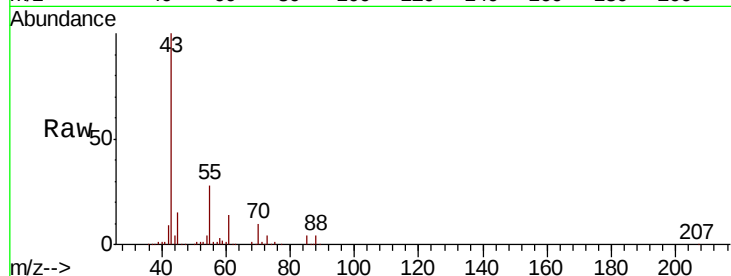




#37
Ethyl Acetate
Concen: 37.281 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

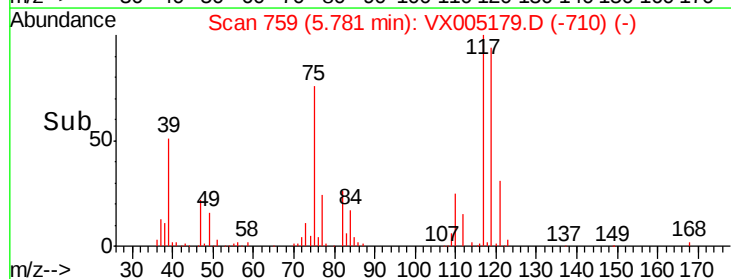
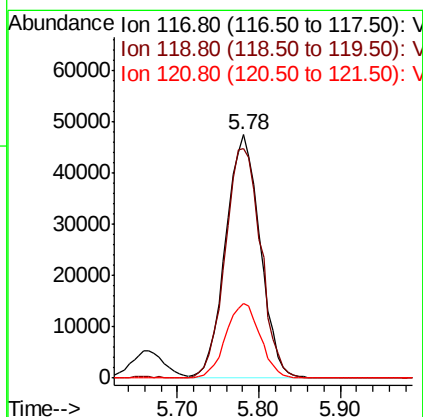
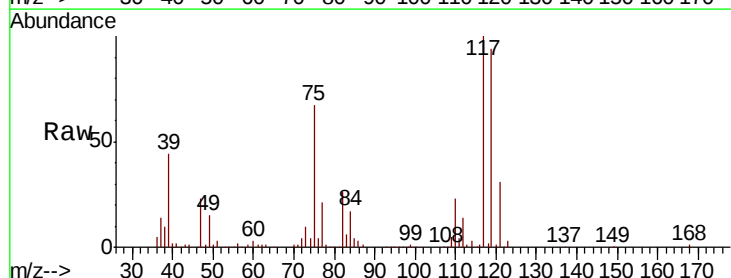
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

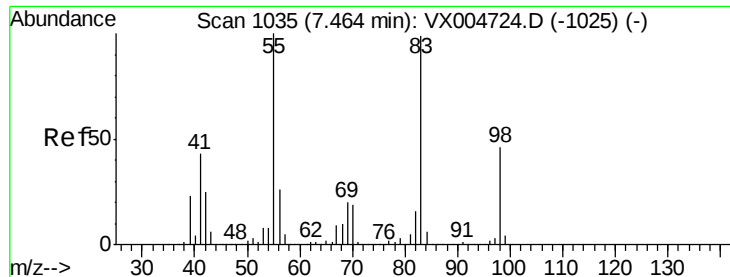
Tot Ion: 43 Resp: 152604
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 9.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 42.712 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion: 117 Resp: 138453
Ion Ratio Lower Upper
117 100
119 94.3 75.2 112.8
121 30.9 22.5 33.7

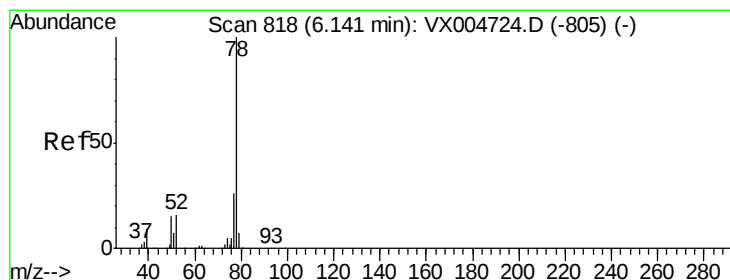
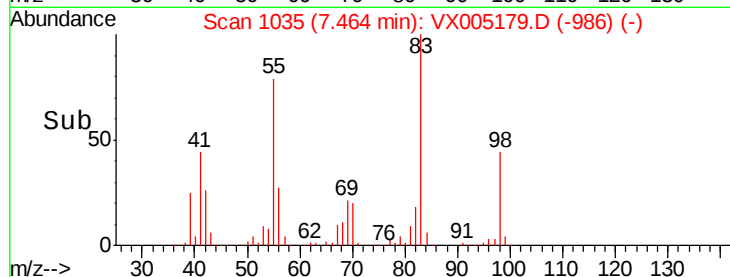
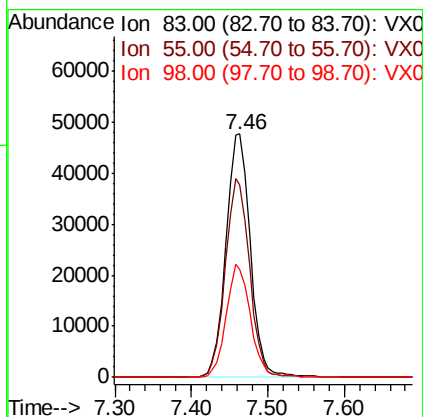
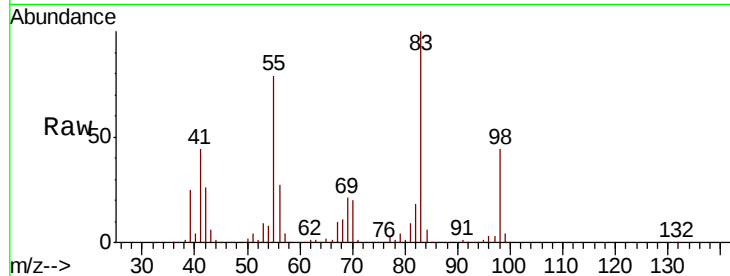




#39
Methvlcvclohexane
Concen: 33.409 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

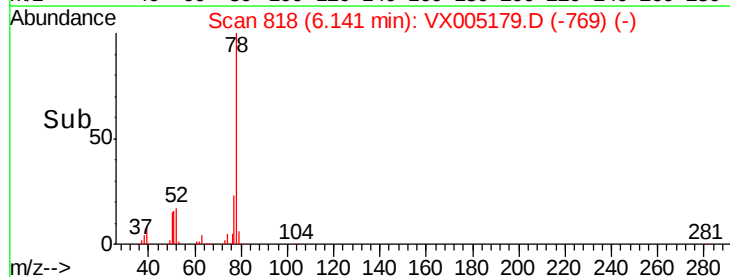
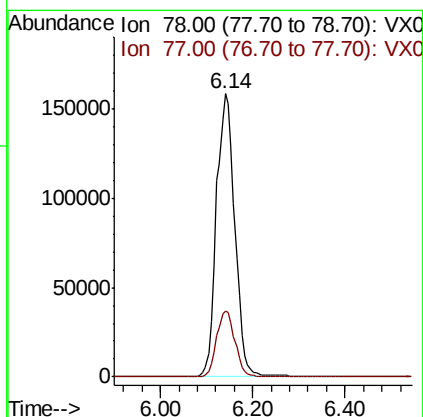
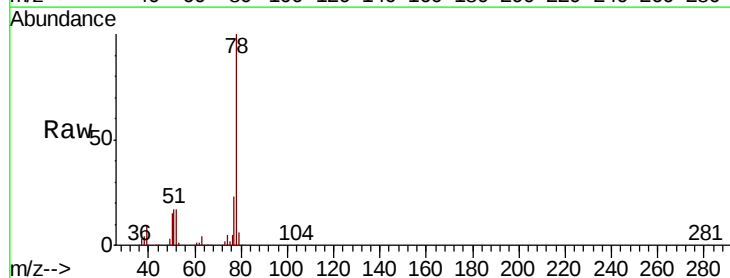
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

Tot Ion: 83 Resp: 105199
Ion Ratio Lower Upper
83 100
55 78.8 81.1 121.7#
98 44.1 37.3 55.9



#40
Benzene
Concen: 45.663 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion: 78 Resp: 440839
Ion Ratio Lower Upper
78 100
77 23.1 21.0 31.4

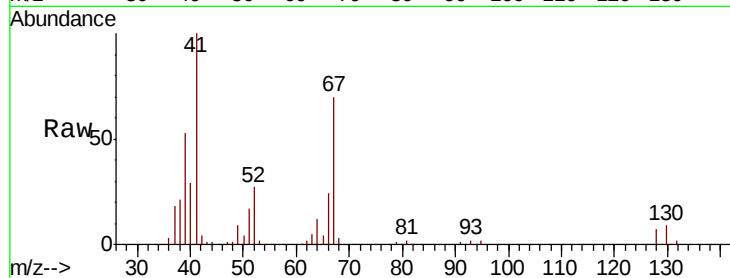




#41
Methacrylonitrile
Concen: 48.864 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

Tot Ion:	41	Resp:	110924
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.5	63.7
67	68.8	53.0	79.6
52	27.6	19.8	29.8



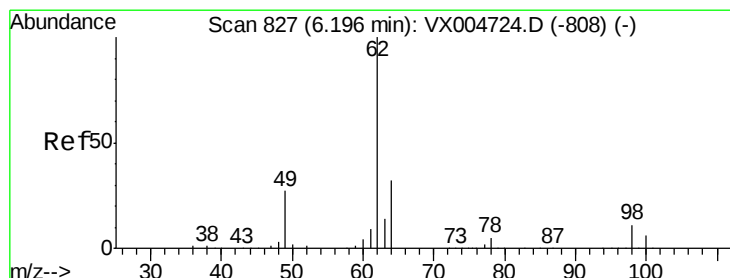
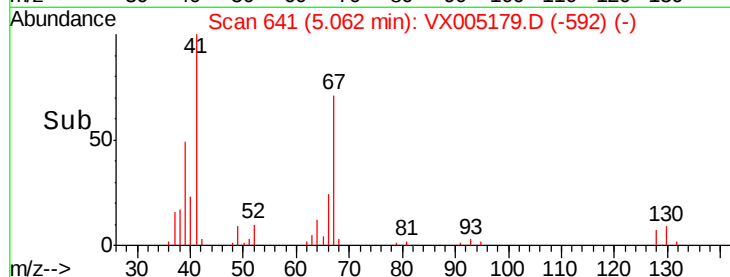
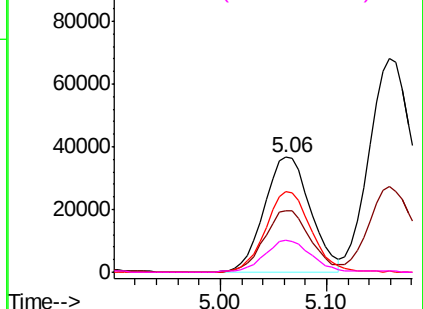
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

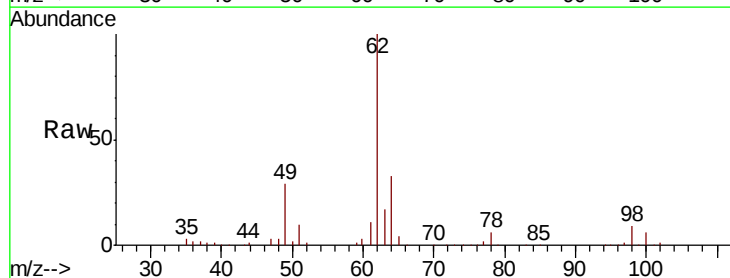
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 46.294 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

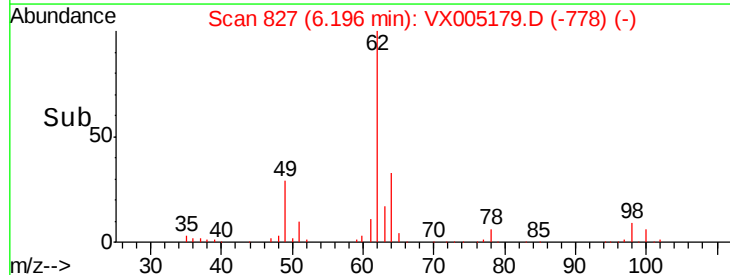
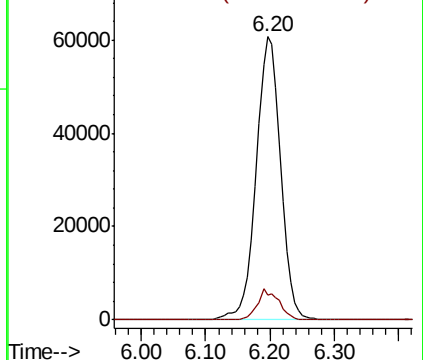
Tgt Ion:	62	Resp:	157994
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2

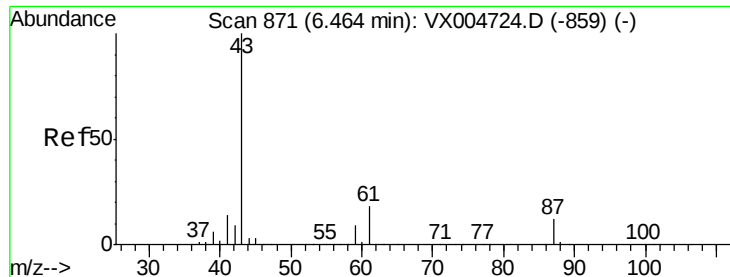


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 41.857 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-1014MSD

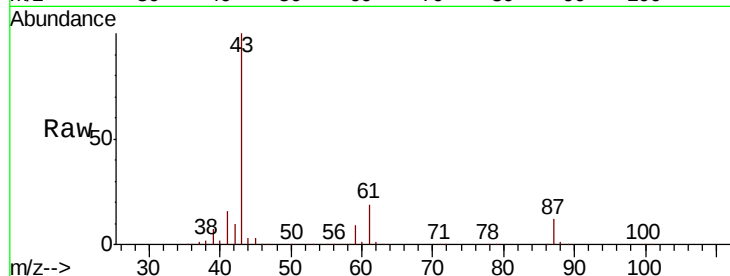
Tot Ion: 43 Resp: 247294

Ion Ratio Lower Upper

43 100

61 19.2 14.2 21.4

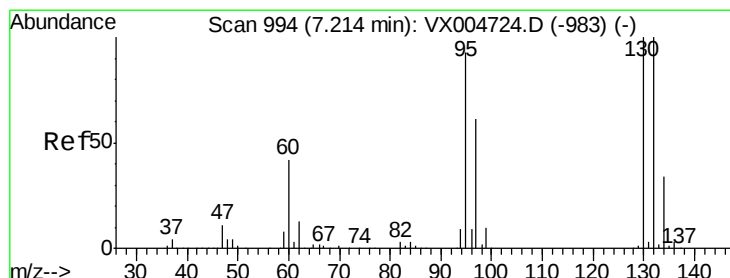
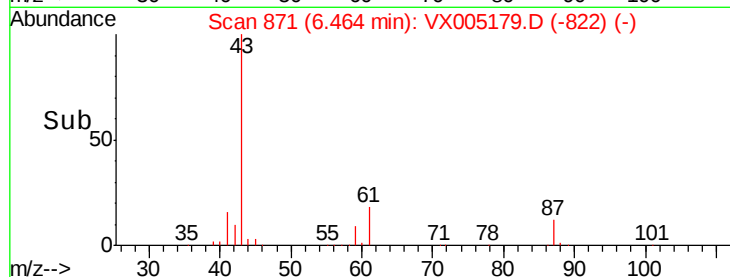
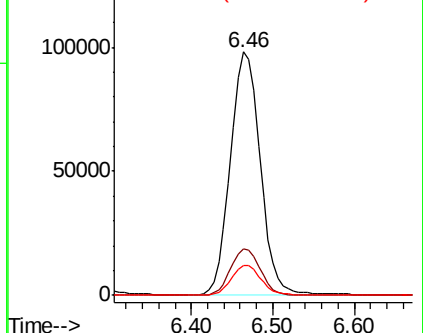
87 12.4 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.925 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005179.D

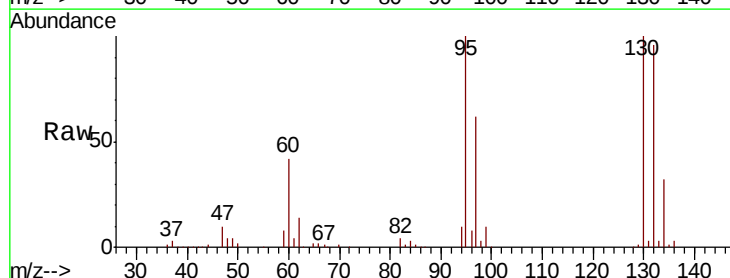
Acq: 10 Oct 2018 00:17

Tgt Ion:130 Resp: 108995

Ion Ratio Lower Upper

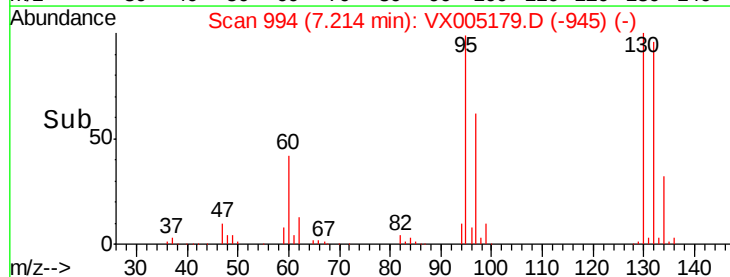
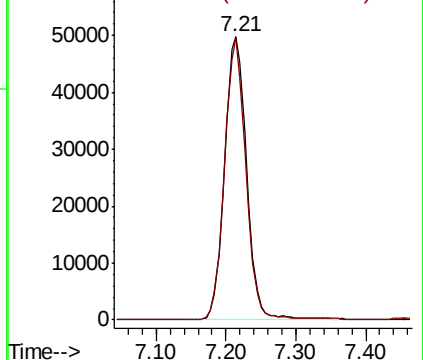
130 100

95 99.6 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: 49.500 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

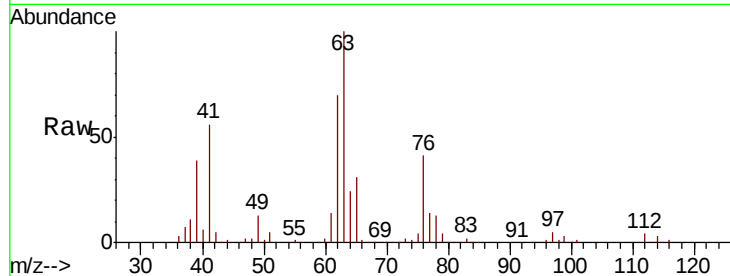
SA-TW513-1014MSD

Tot Ion: 63 Resp: 117193

Ion Ratio Lower Upper

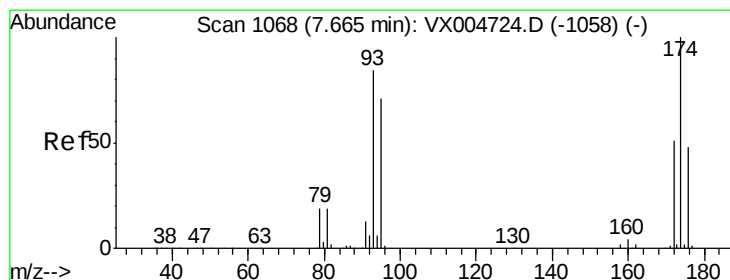
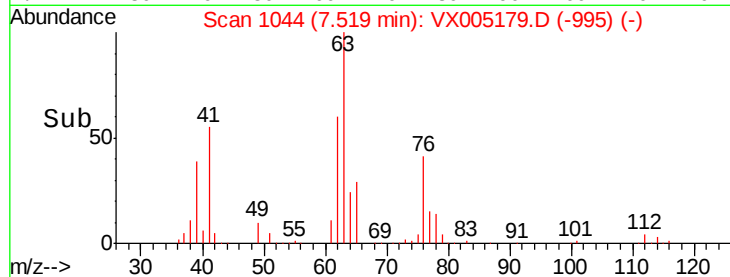
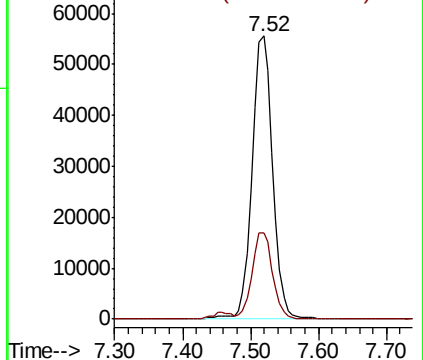
63 100

65 30.5 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.158 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

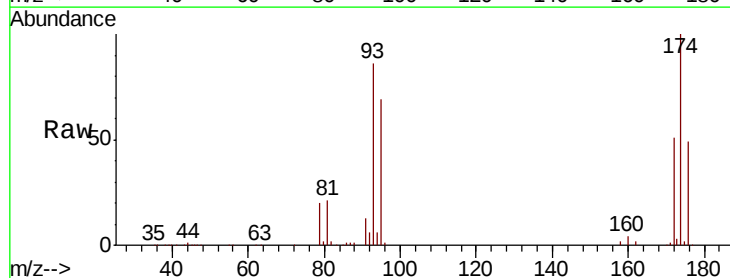
Tgt Ion: 93 Resp: 76118

Ion Ratio Lower Upper

93 100

95 82.8 66.7 100.1

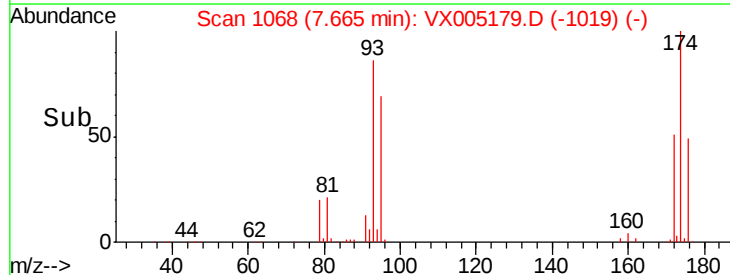
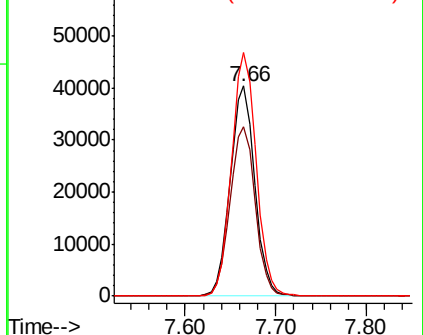
174 116.2 92.7 139.1

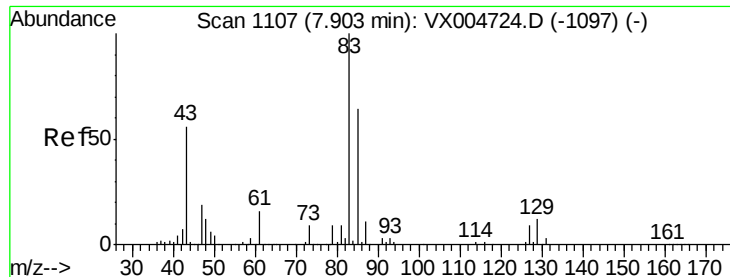


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.072 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-1014MSD

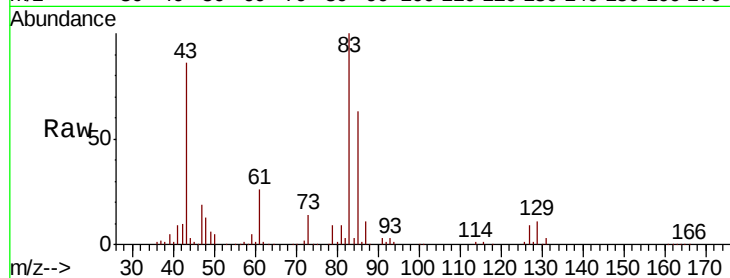
Tot Ion: 83 Resp: 147844

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

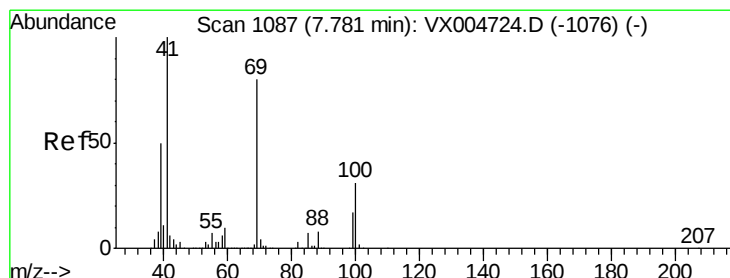
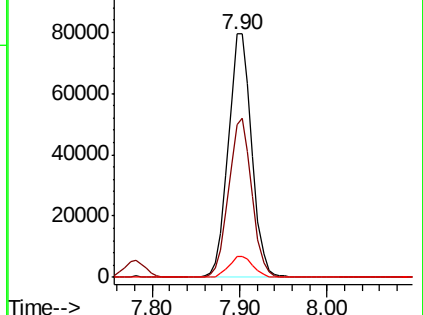
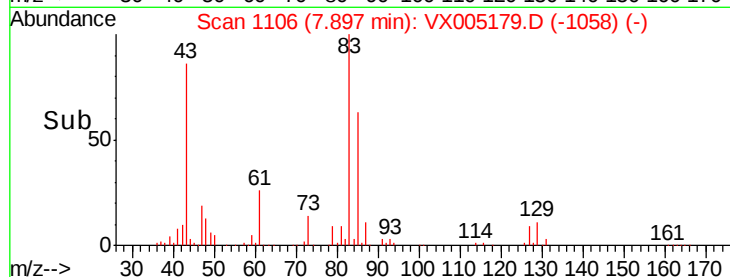
127 8.5 7.0 10.6



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: 57.009 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

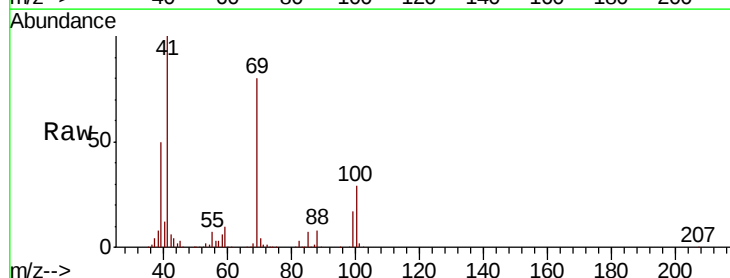
Tgt Ion: 41 Resp: 152876

Ion Ratio Lower Upper

41 100

69 79.6 63.8 95.6

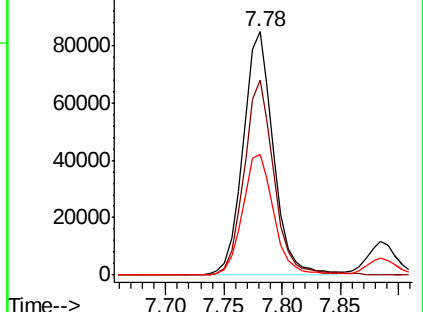
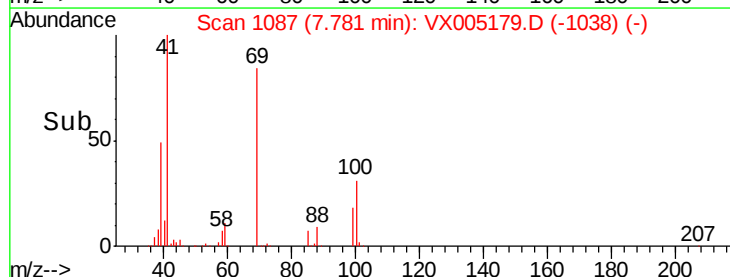
39 51.1 40.7 61.1

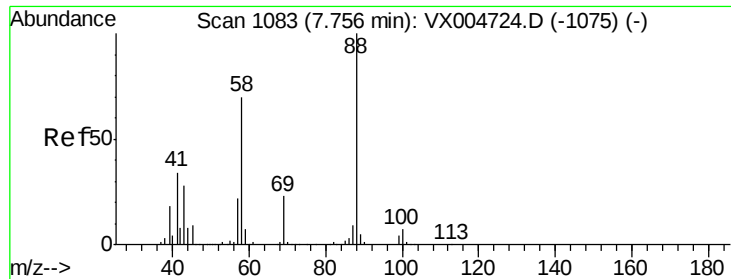


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

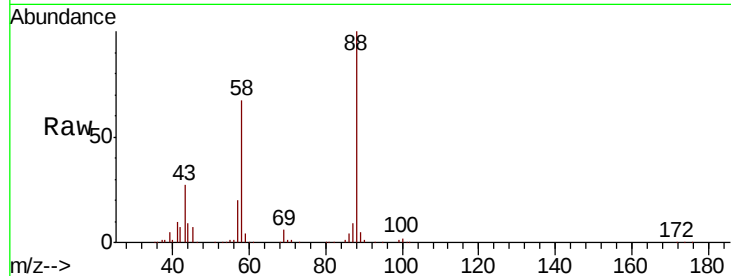




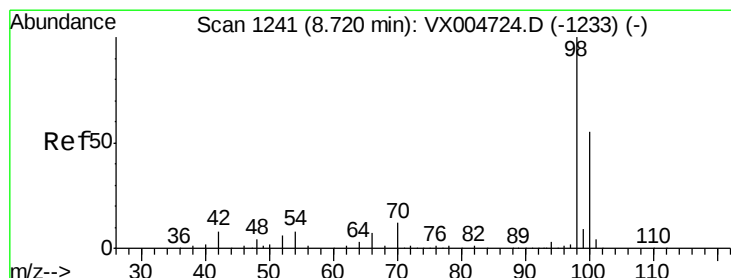
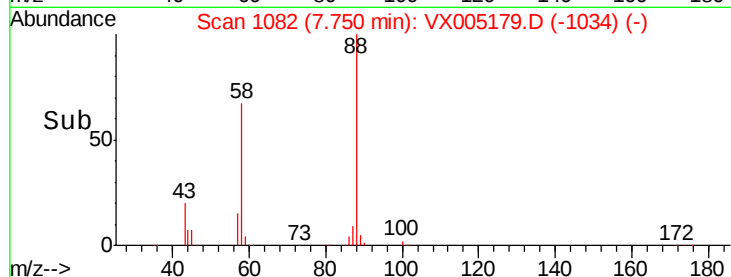
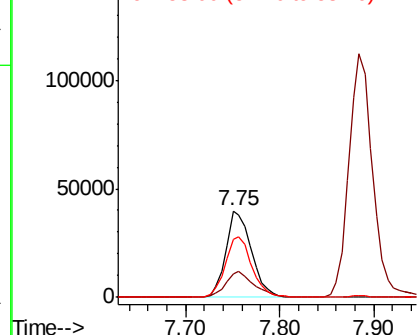
#49
 1,4-Dioxane
 Concen: 1124.544 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

Tot Ion: 88 Resp: 74919
 Ion Ratio Lower Upper
 88 100
 43 32.2 25.1 37.7
 58 72.8 56.2 84.2

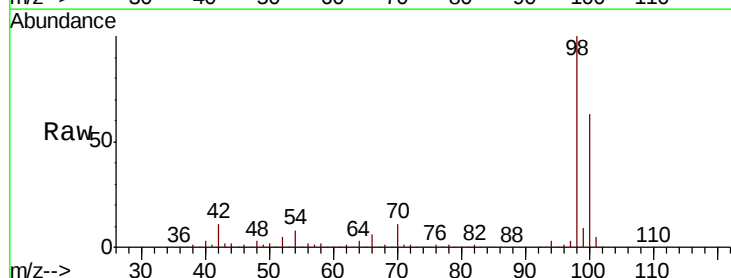


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

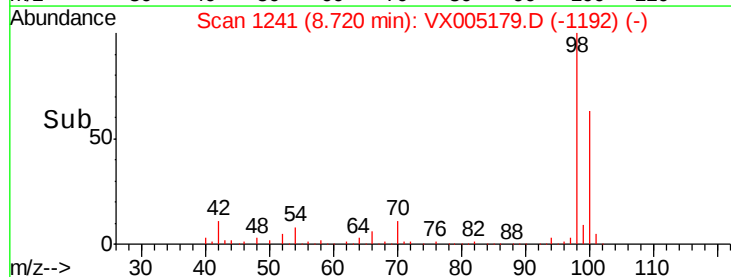
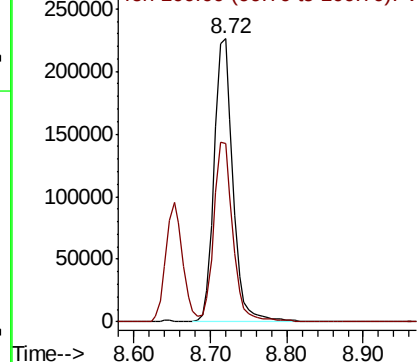


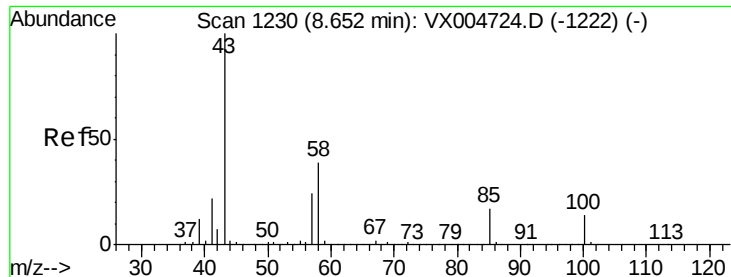
#50
 Toluene-d8
 Concen: 51.217 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Tgt Ion: 98 Resp: 384842
 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

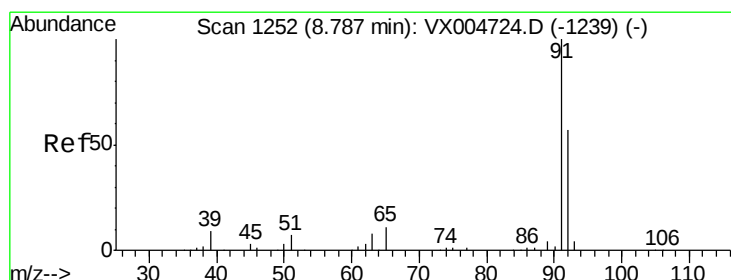
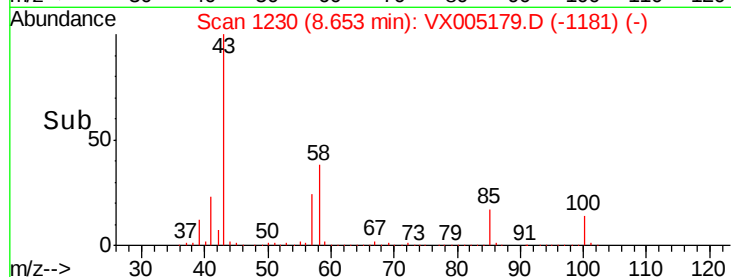
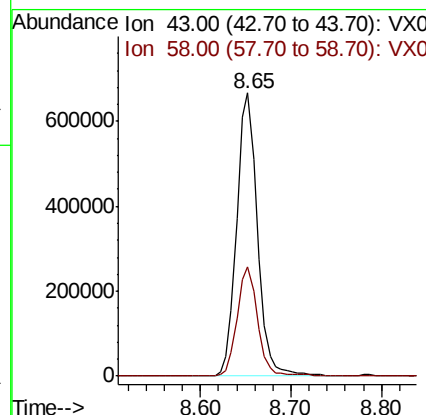
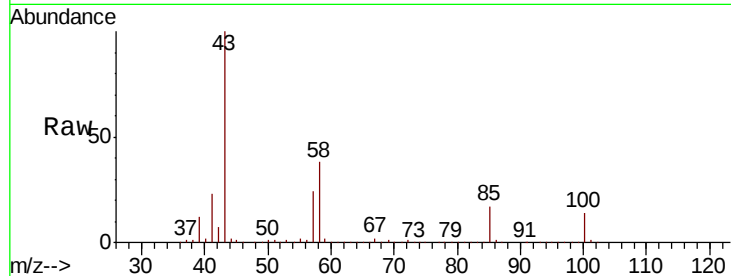




#51
4-Methyl-2-Pentanone
Concen: 285.725 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

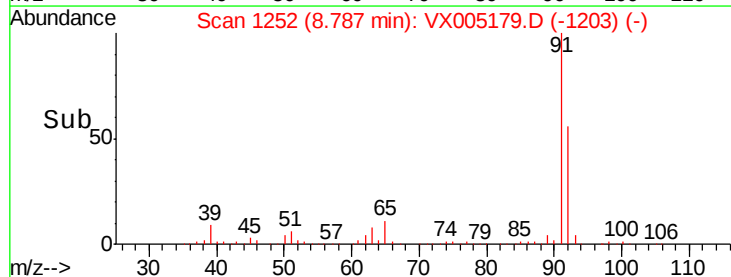
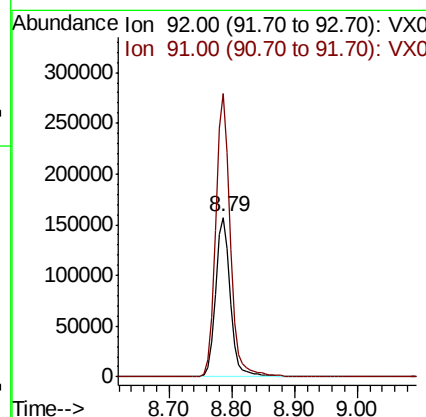
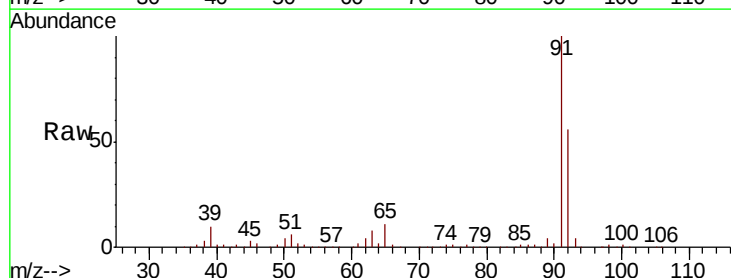
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

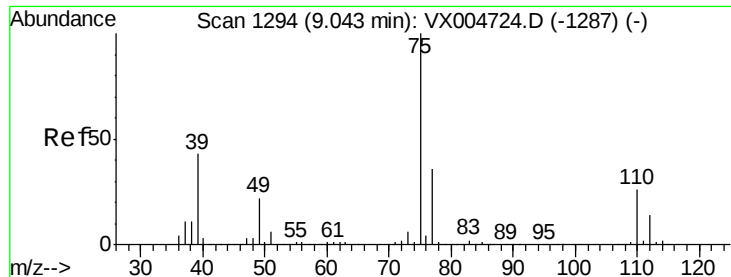
Tot Ion: 43 Resp: 1062905
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7



#52
Toluene
Concen: 48.222 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion: 92 Resp: 255811
Ion Ratio Lower Upper
92 100
91 175.5 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 42.416 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

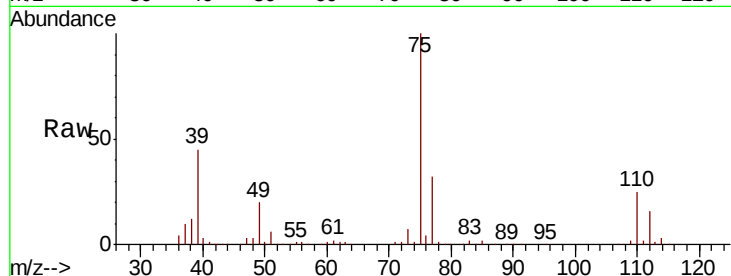
SA-TW513-1014MSD

Tot Ion: 75 Resp: 133526

Ion Ratio Lower Upper

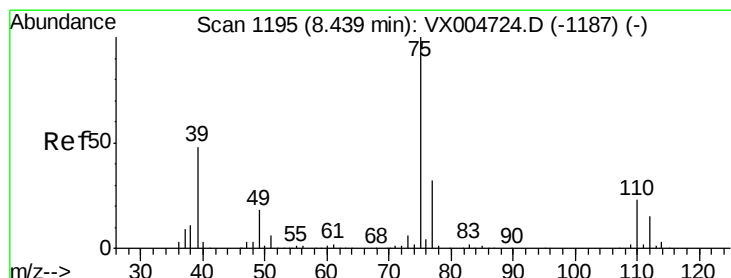
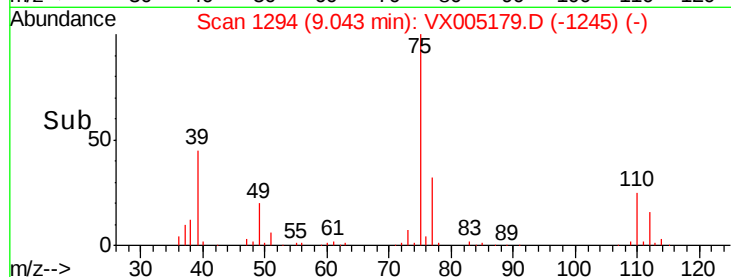
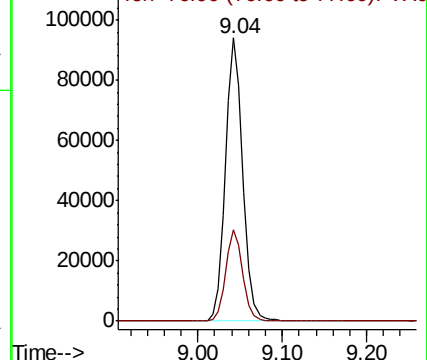
75 100

77 32.2 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 42.884 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

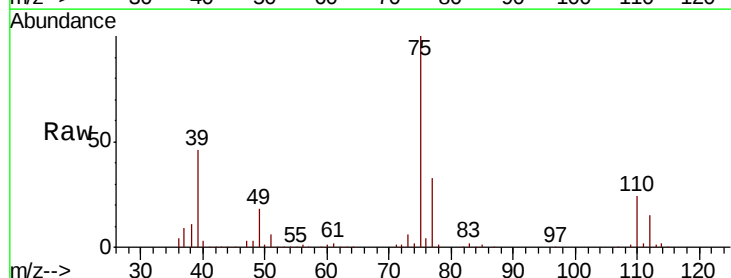
Tgt Ion: 75 Resp: 141399

Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5

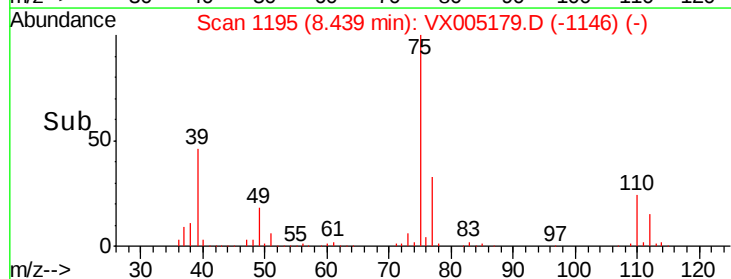
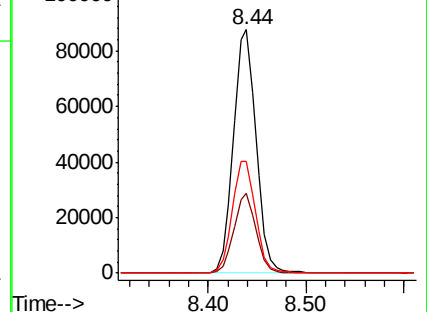
39 45.6 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 50.284 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-1014MSD

Tot Ion: 97 Resp: 116845

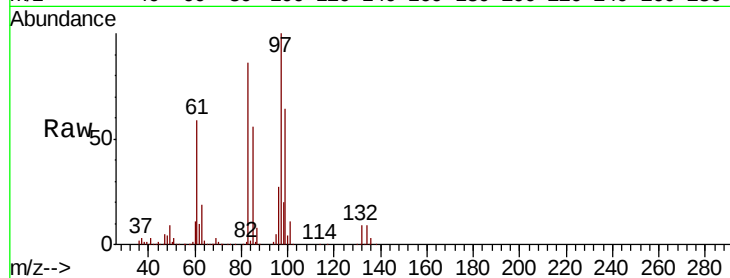
Ion Ratio Lower Upper

97 100

83 85.6 68.2 102.2

85 55.7 49.9 74.9

99 63.5 48.9 73.3

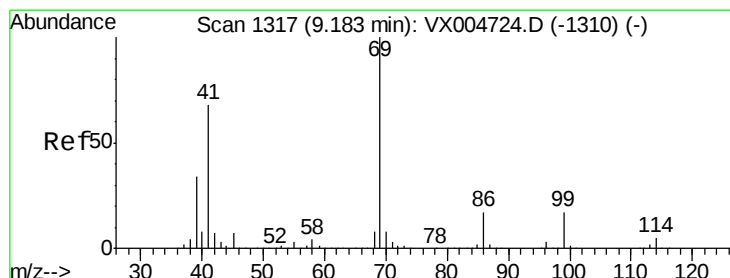
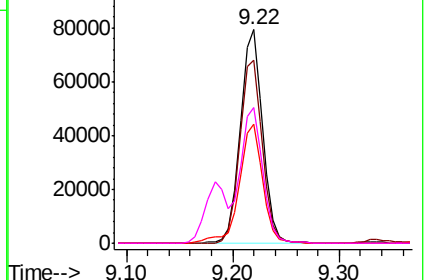
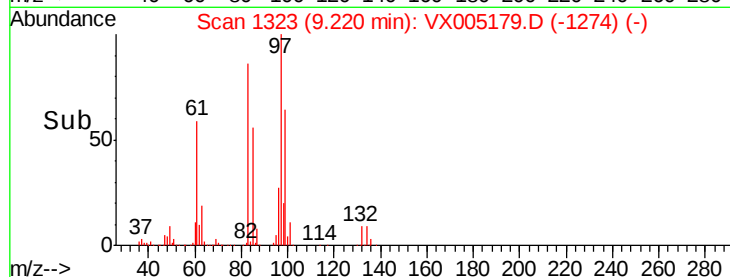


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 47.196 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

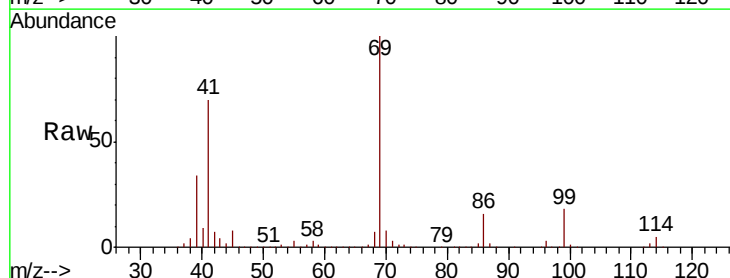
Tgt Ion: 69 Resp: 177320

Ion Ratio Lower Upper

69 100

41 70.0 56.9 85.3

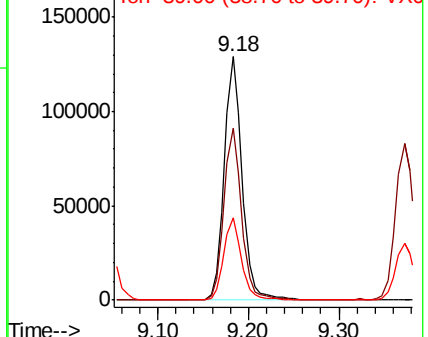
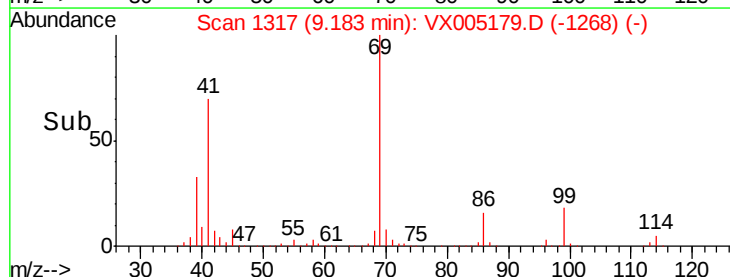
39 33.8 28.4 42.6

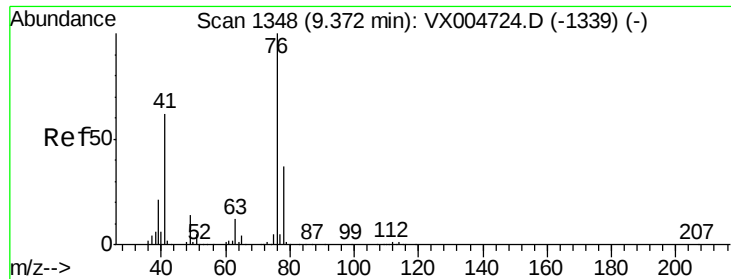


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.763 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

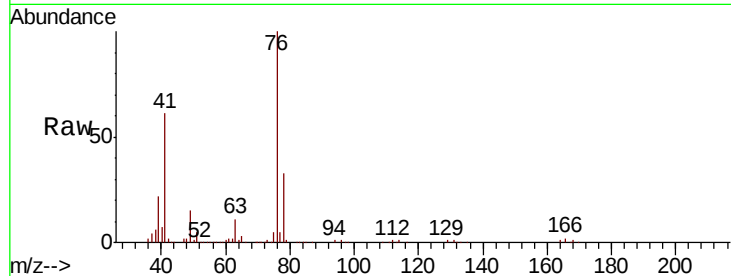
SA-TW513-1014MSD

Tot Ion: 76 Resp: 192451

Ion Ratio Lower Upper

76 100

78 32.7 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

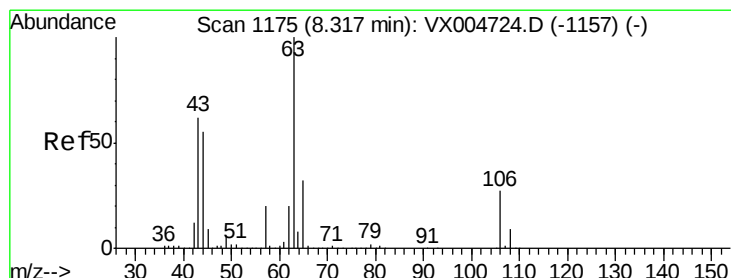
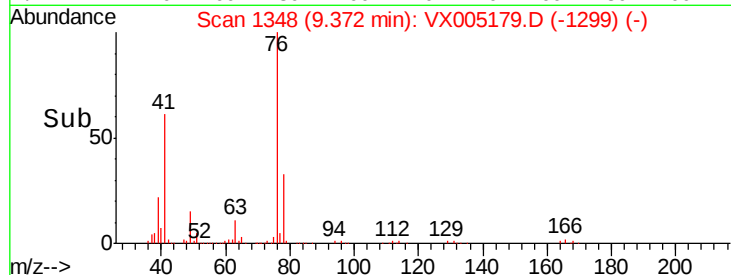
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 15.029 ug/l

RT: 8.25 min Scan# 1164

Delta R.T. -0.07 min

Lab File: VX005179.D

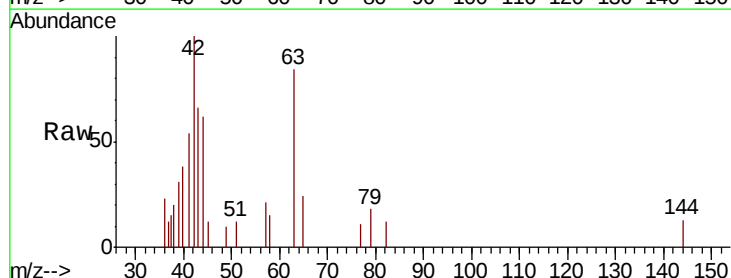
Acq: 10 Oct 2018 00:17

Tgt Ion: 63 Resp: 1670

Ion Ratio Lower Upper

63 100

106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500

400

300

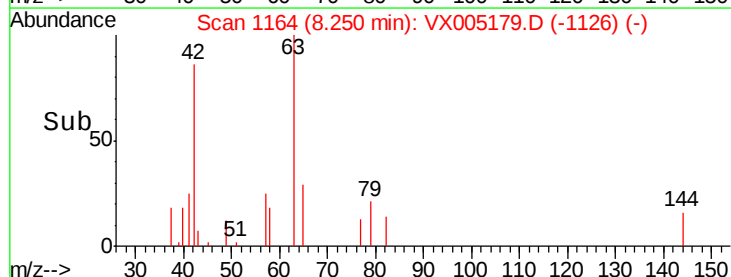
200

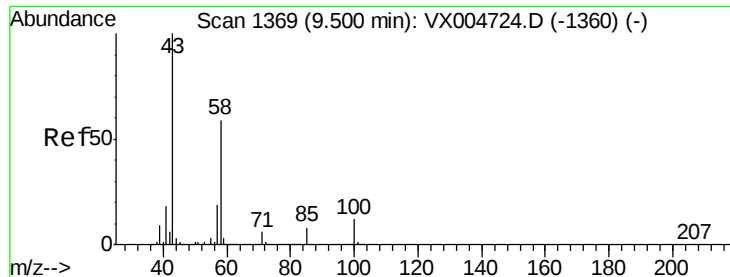
100

0

8.15 8.20 8.25 8.30 8.35

Time-->

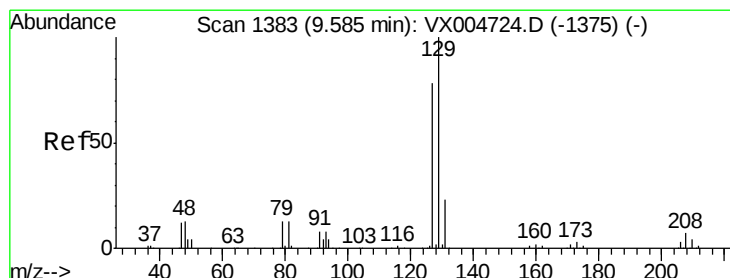
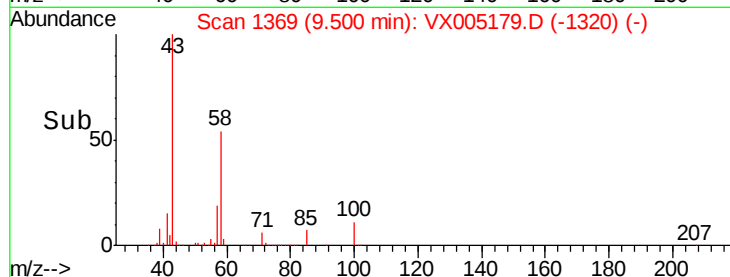
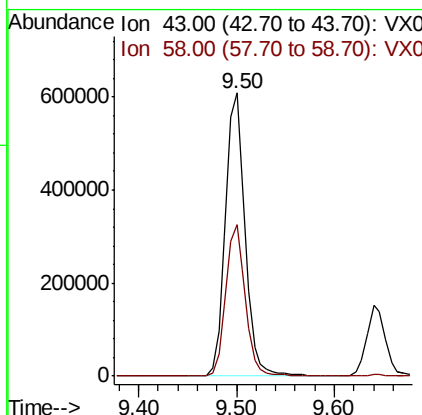
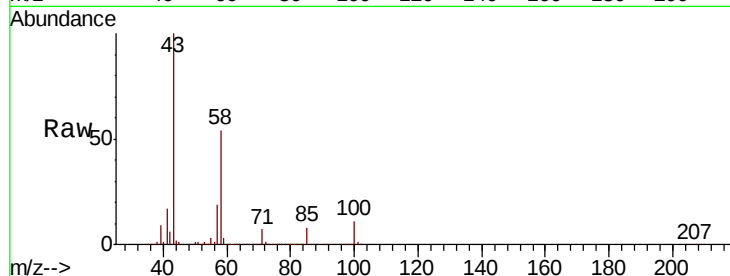




#59
2-Hexanone
Concen: 274.294 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

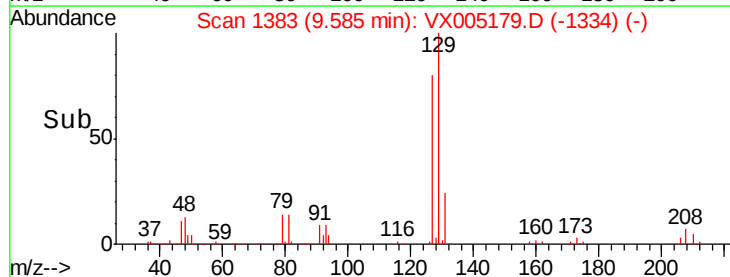
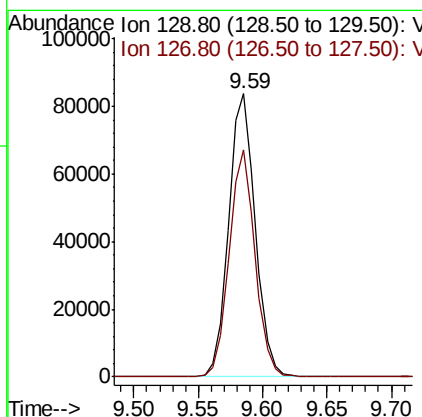
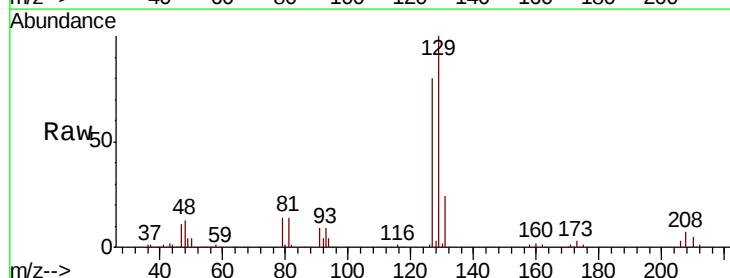
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

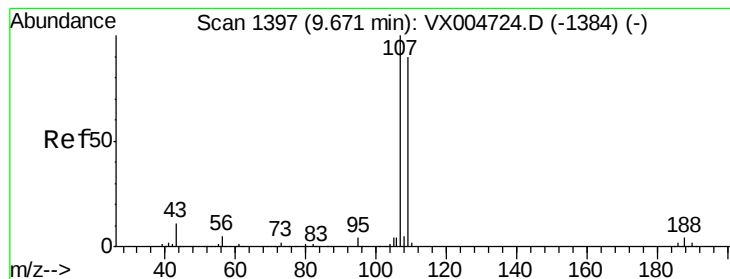
Tot Ion: 43 Resp: 850301
Ion Ratio Lower Upper
43 100
58 53.0 28.4 85.3



#60
Dibromochloromethane
Concen: 52.000 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion: 129 Resp: 120841
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.020 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

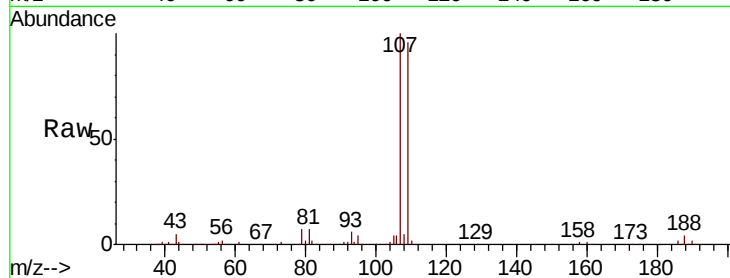
SA-TW513-1014MSD

Tot Ion:107 Resp: 117011

Ion Ratio Lower Upper

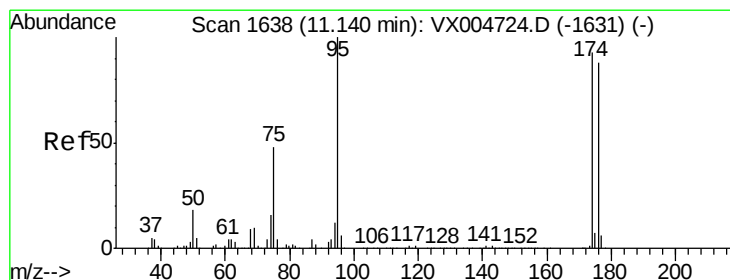
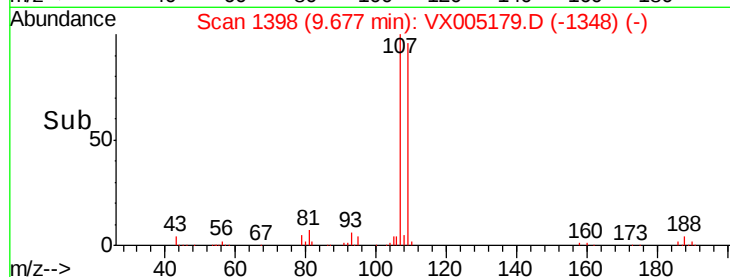
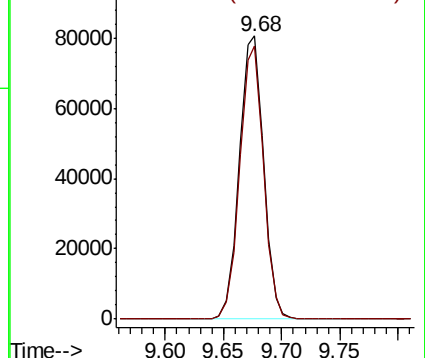
107 100

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: 52.505 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

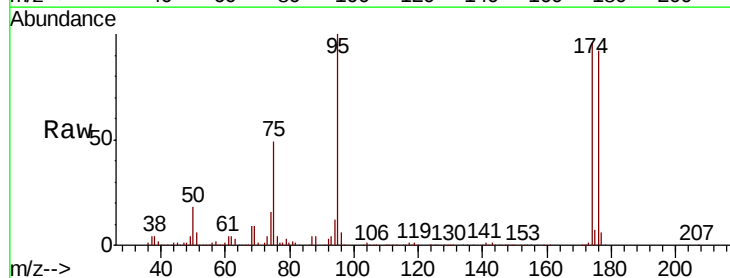
Tgt Ion: 95 Resp: 142128

Ion Ratio Lower Upper

95 100

174 92.7 0.0 185.0

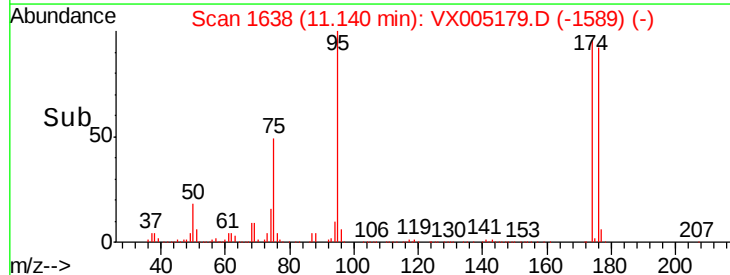
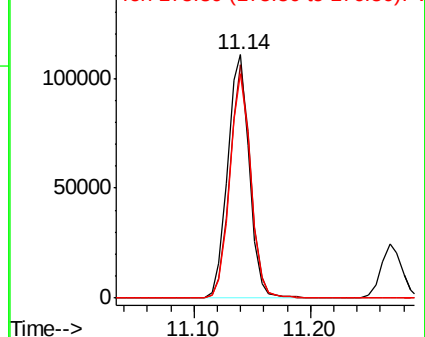
176 90.1 0.0 180.2

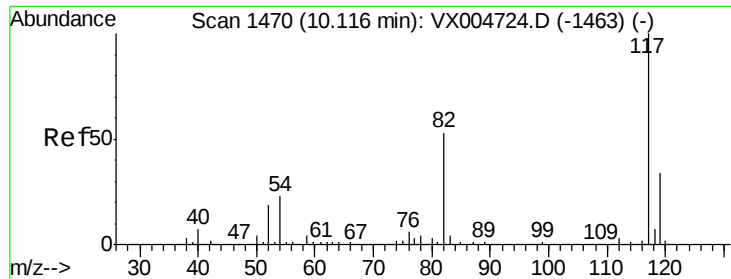


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

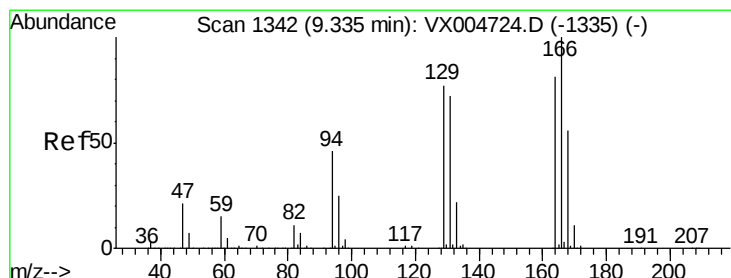
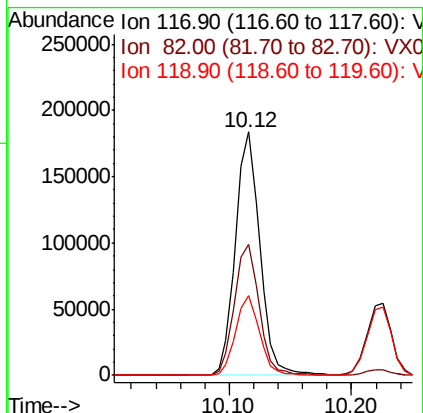
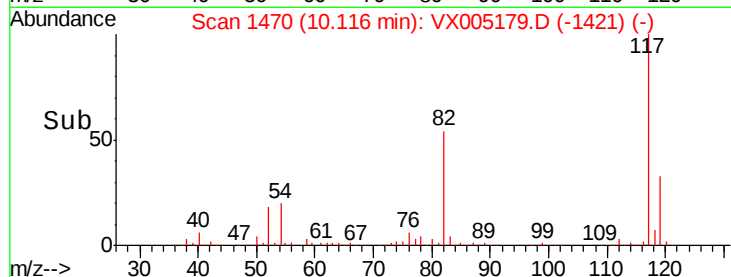
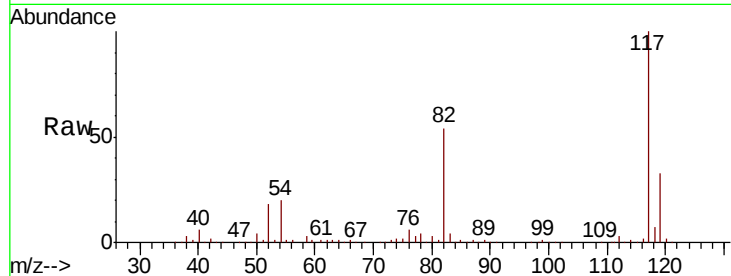




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

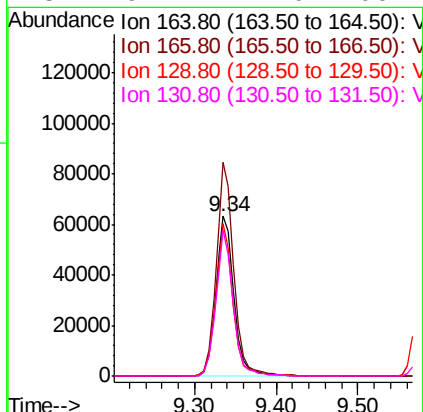
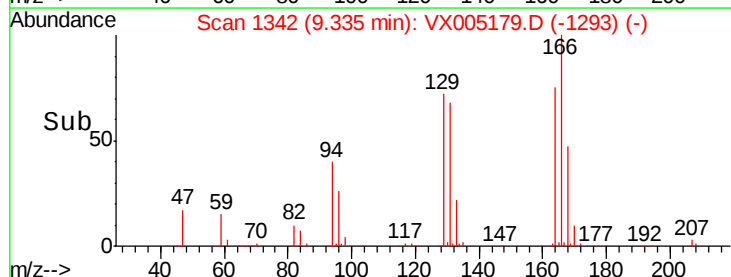
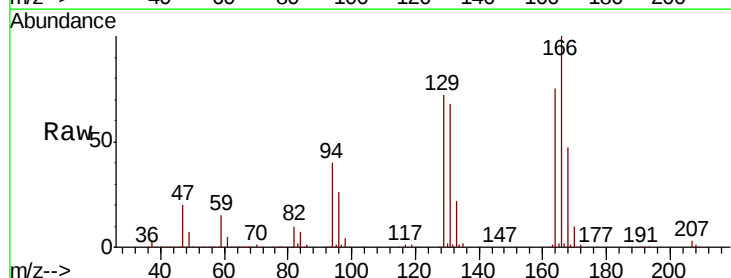
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

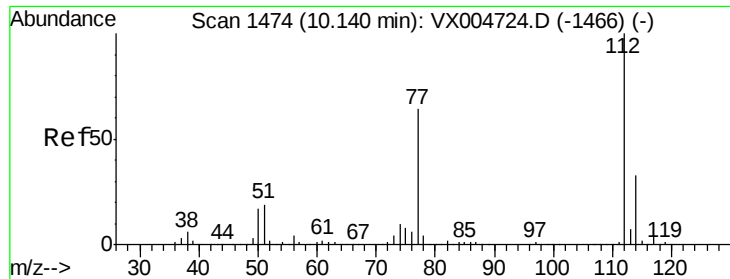
Tot Ion:117 Resp: 253213
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.8 27.4 41.0



#64
Tetrachloroethene
Concen: 39.454 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion:164 Resp: 98327
Ion Ratio Lower Upper
164 100
166 134.0 98.4 147.6
129 95.8 76.1 114.1
131 91.2 71.0 106.4

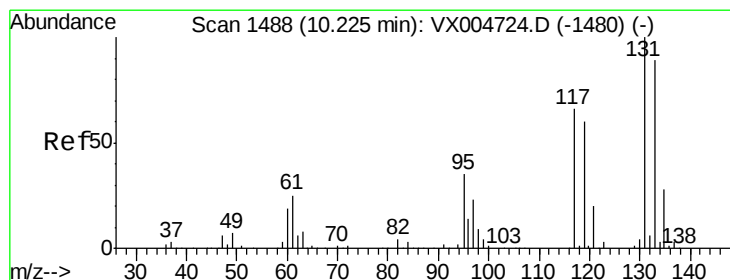
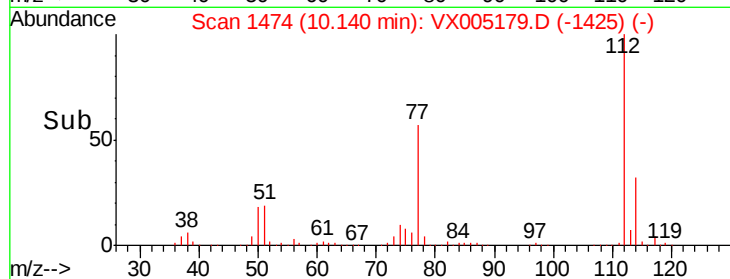
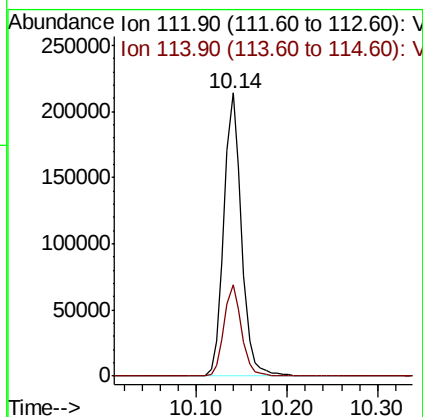
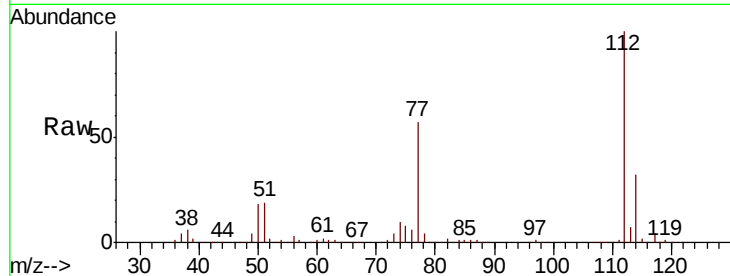




#65
Chlorobenzene
Concen: 44.756 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

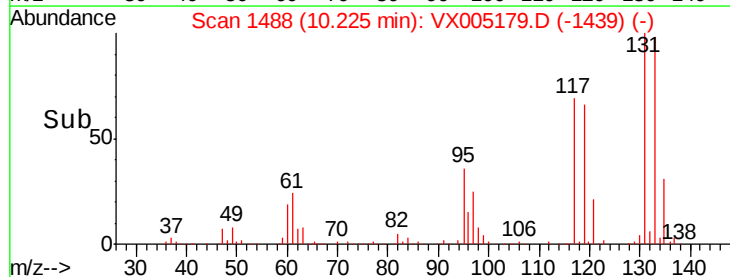
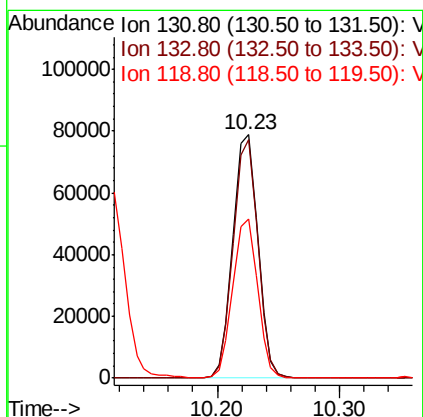
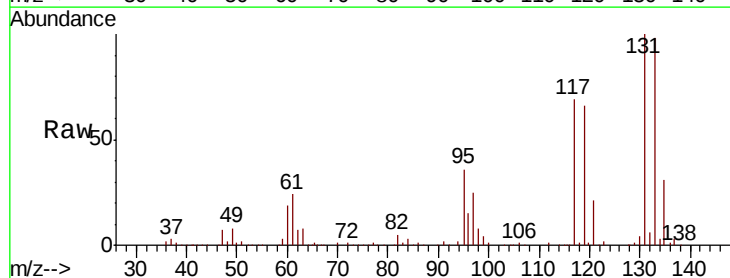
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

Tot Ion:112 Resp: 290608
Ion Ratio Lower Upper
112 100
114 32.4 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.796 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion:131 Resp: 111386
Ion Ratio Lower Upper
131 100
133 96.5 48.4 145.0
119 65.1 32.3 96.8

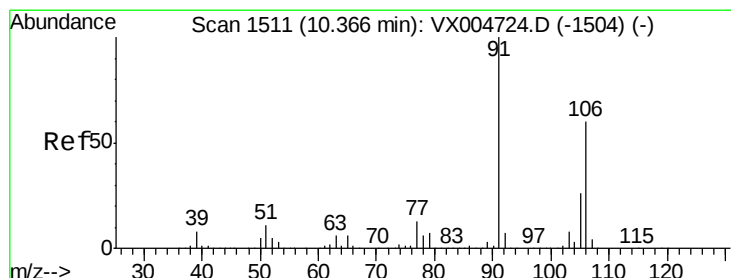
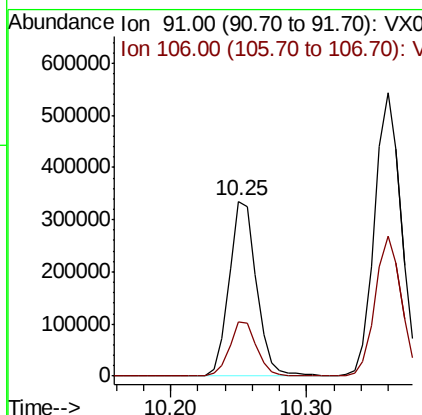
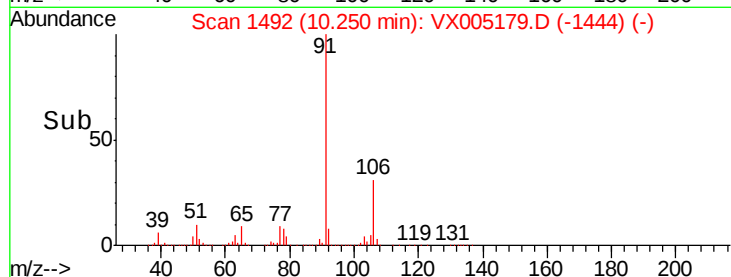
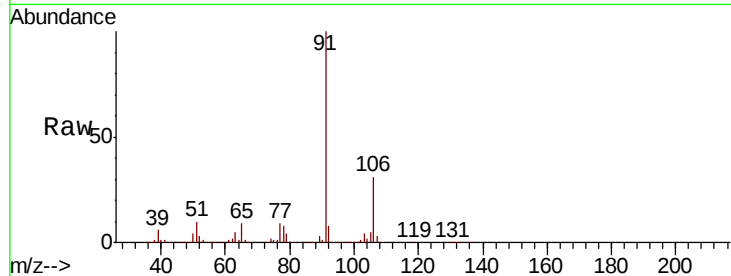




#67
Ethyl Benzene
Concen: 45.646 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

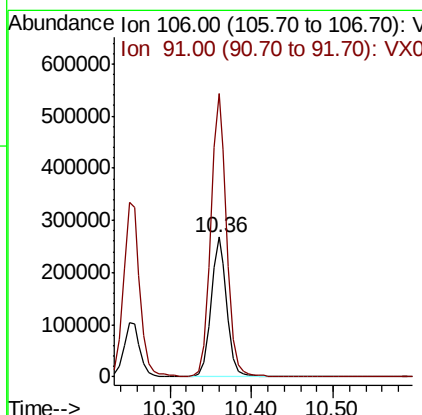
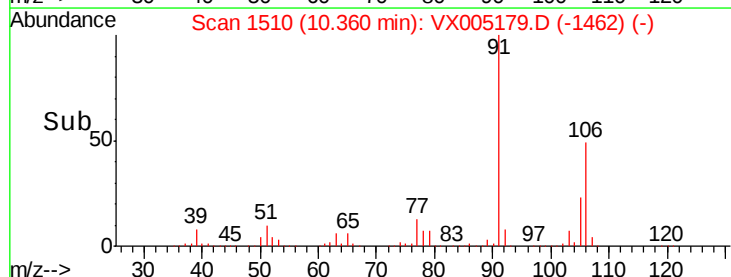
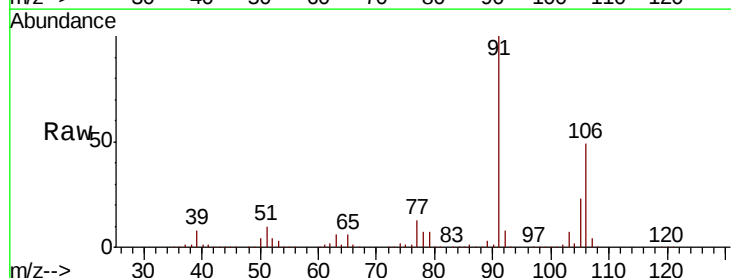
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

Tot Ion: 91 Resp: 470550
Ion Ratio Lower Upper
91 100
106 30.9 26.9 40.3



#68
m/p-Xylenes
Concen: 90.755 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion: 106 Resp: 365590
Ion Ratio Lower Upper
106 100
91 204.5 157.5 236.3

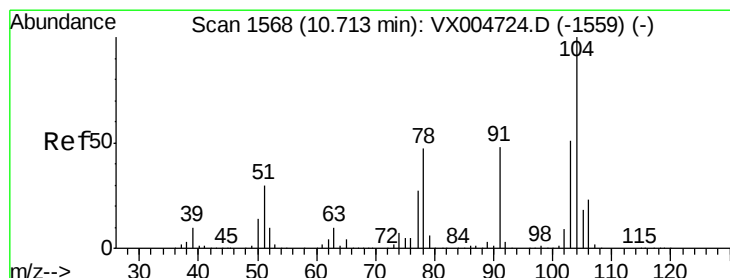
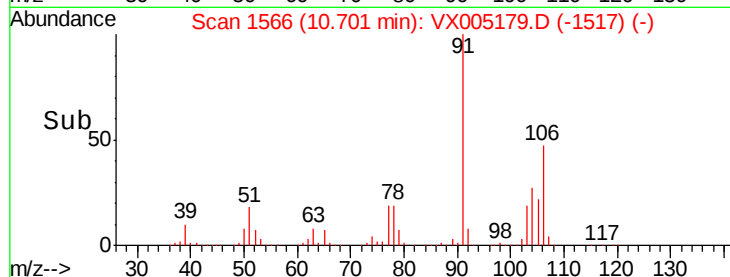
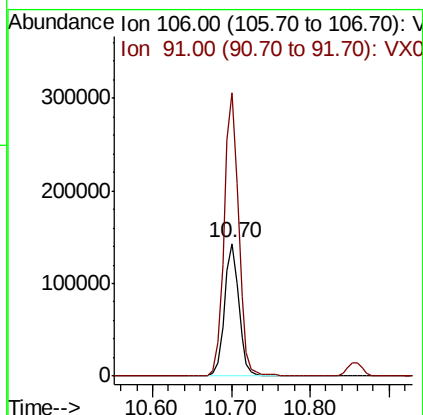
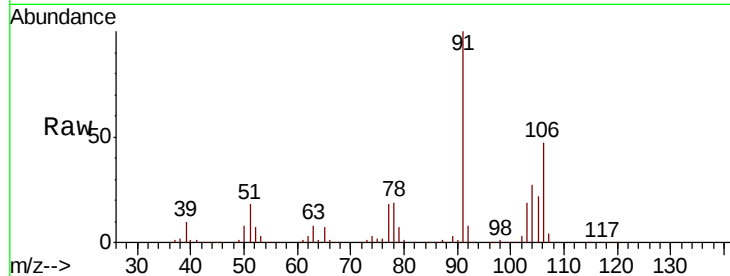




#69
o-Xylene
Concen: 49.051 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

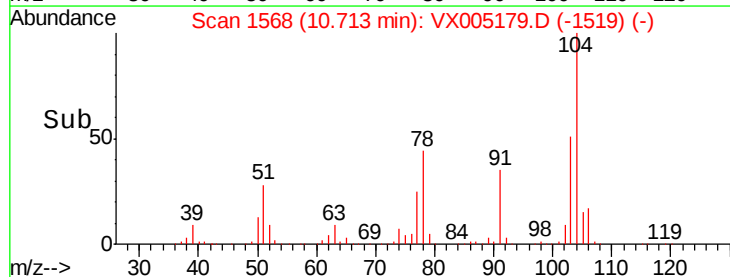
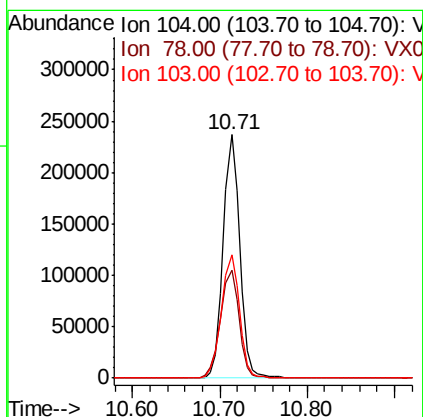
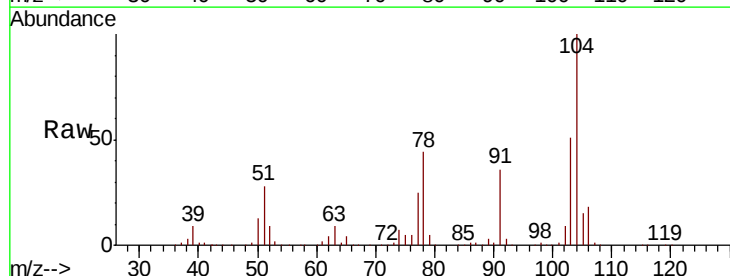
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

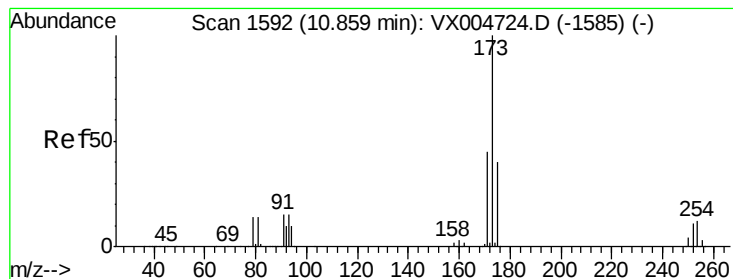
Tot Ion:106 Resp: 181488
Ion Ratio Lower Upper
106 100
91 215.0 108.3 324.8



#70
Styrene
Concen: 45.138 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion:104 Resp: 310857
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 55.4 44.3 66.5





#71

Bromoform

Concen: 51.749 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-1014MSD

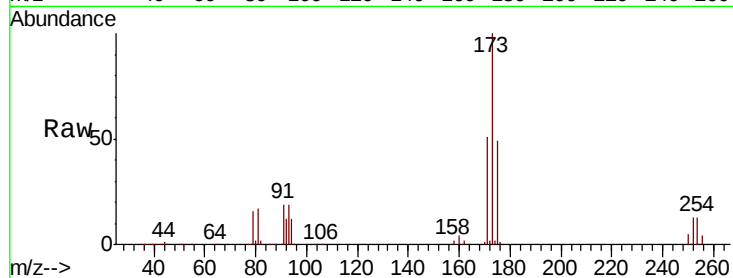
Tot Ion:173 Resp: 101131

Ion Ratio Lower Upper

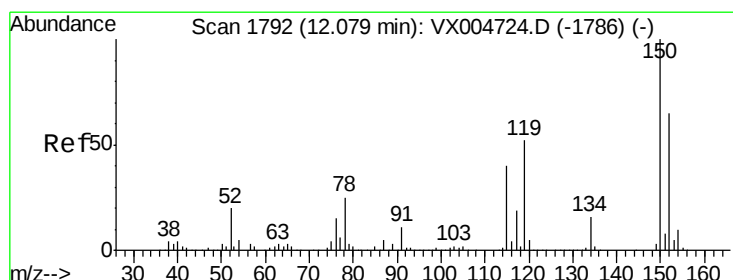
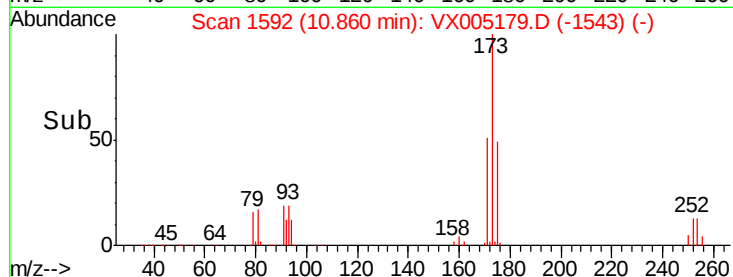
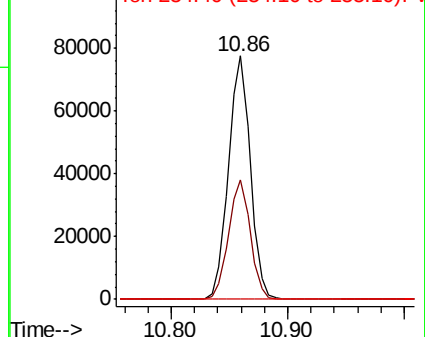
173 100

175 48.9 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: VX005179.D

Acq: 10 Oct 2018 00:17

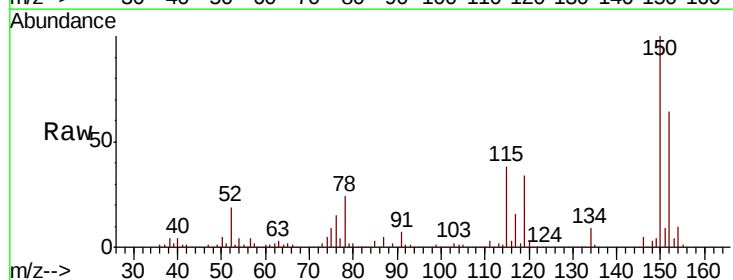
Tgt Ion:152 Resp: 151973

Ion Ratio Lower Upper

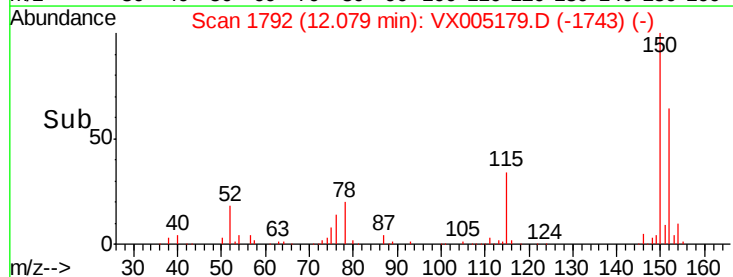
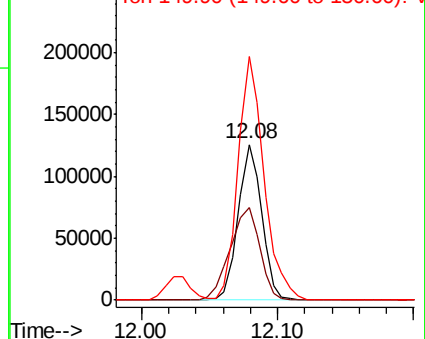
152 100

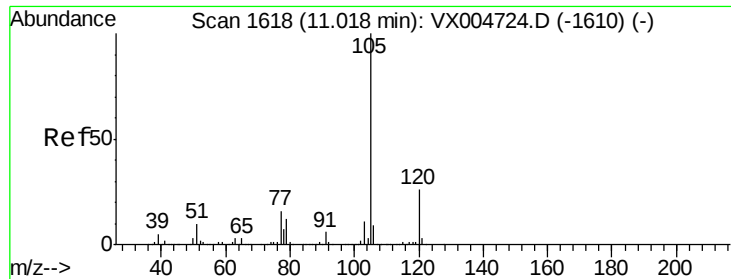
115 75.2 40.2 120.6

150 172.6 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: 48.637 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

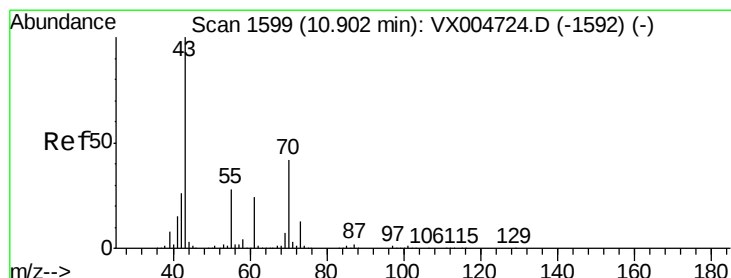
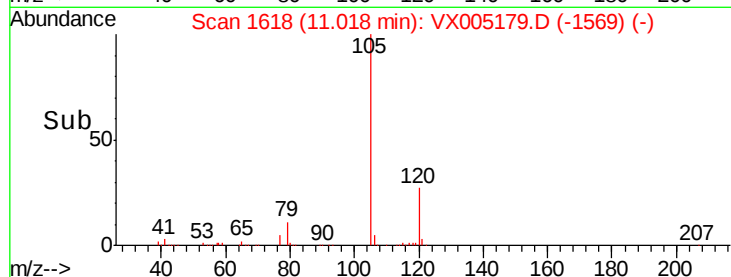
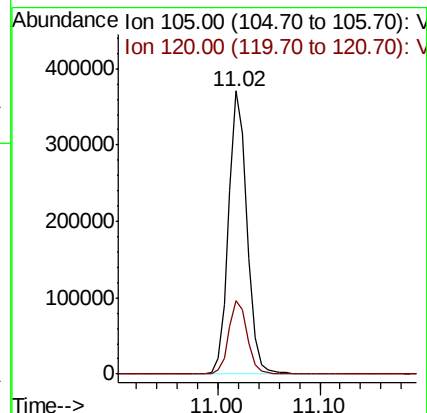
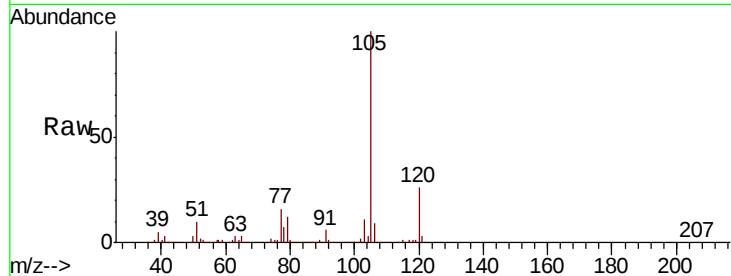
SA-TW513-1014MSD

Tot Ion:105 Resp: 465898

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



#74

N-ethyl acetate

Concen: 37.479 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Tgt Ion: 43 Resp: 194943

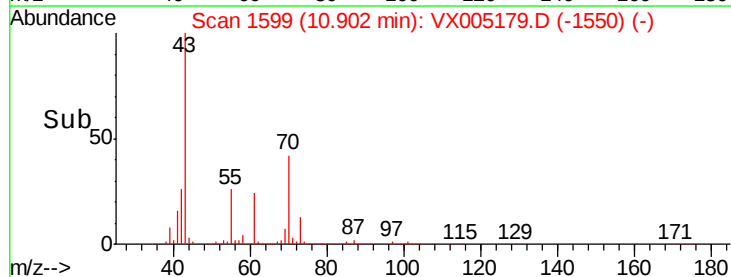
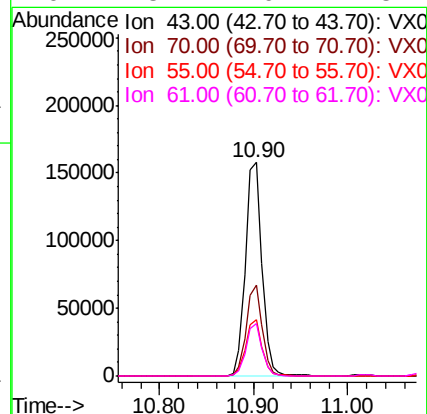
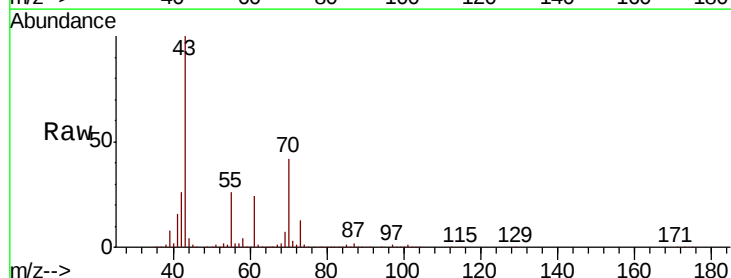
Ion Ratio Lower Upper

43 100

70 41.0 32.6 48.8

55 25.6 21.6 32.4

61 23.7 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.761 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-1014MSD

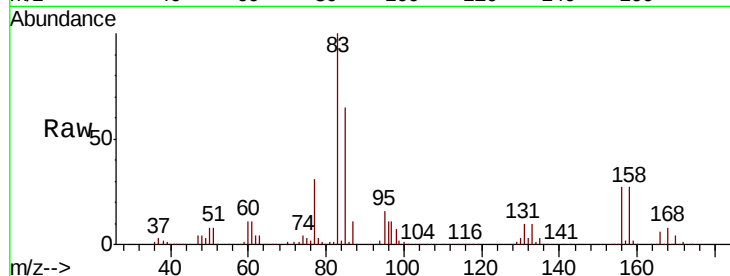
Tot Ion: 83 Resp: 194035

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

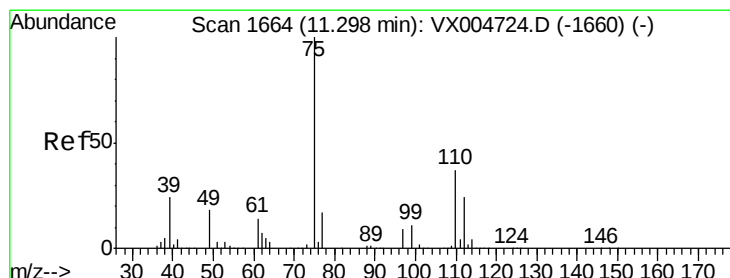
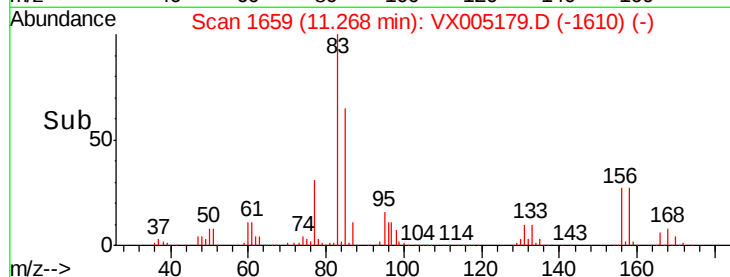
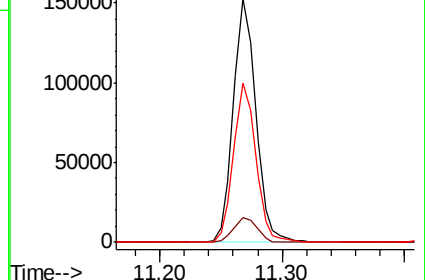
85 65.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.598 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005179.D

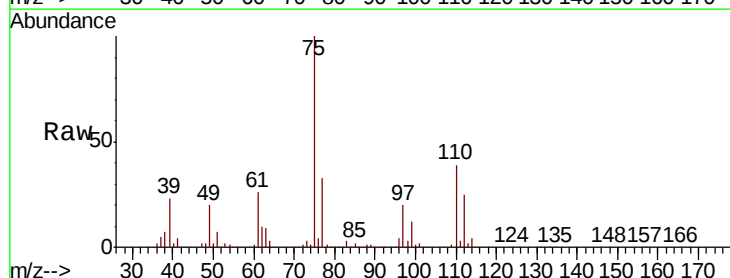
Acq: 10 Oct 2018 00:17

Tgt Ion: 75 Resp: 203008

Ion Ratio Lower Upper

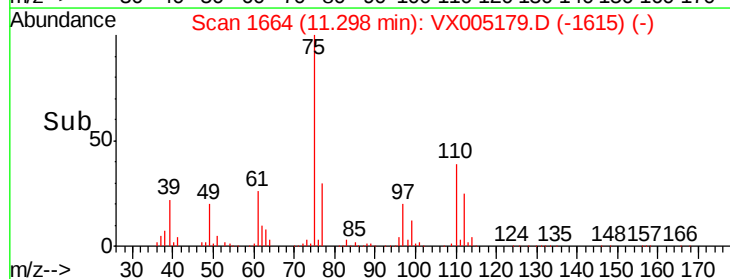
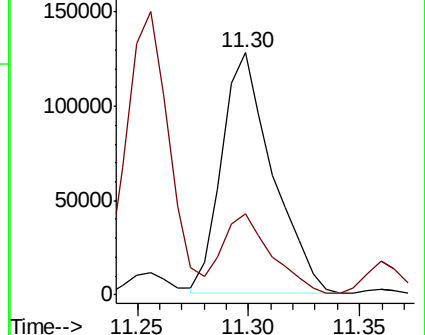
75 100

77 32.5 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: 48.842 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-1014MSD

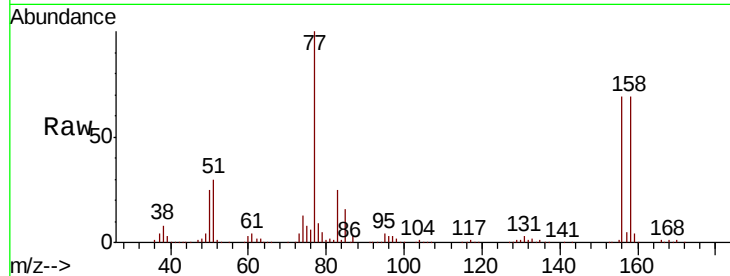
Tot Ion:156 Resp: 135893

Ion Ratio Lower Upper

156 100

77 148.4 73.4 220.2

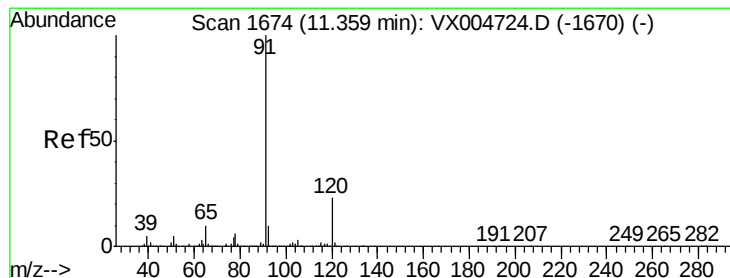
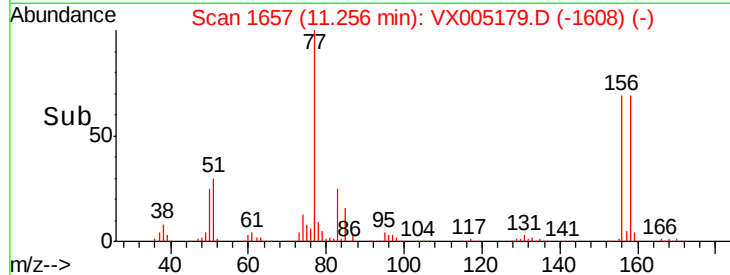
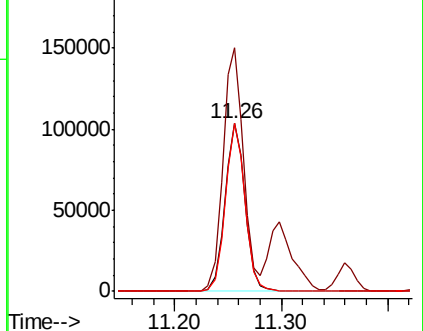
158 98.6 49.1 147.4



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: 46.589 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005179.D

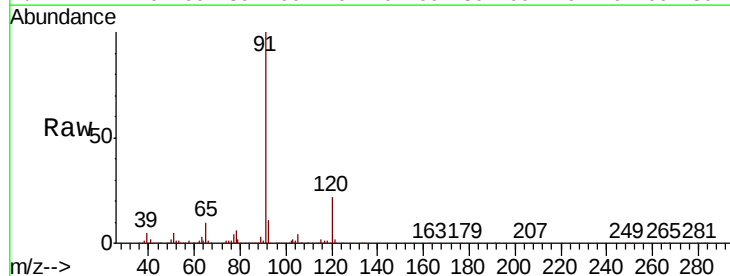
Acq: 10 Oct 2018 00:17

Tgt Ion: 91 Resp: 512050

Ion Ratio Lower Upper

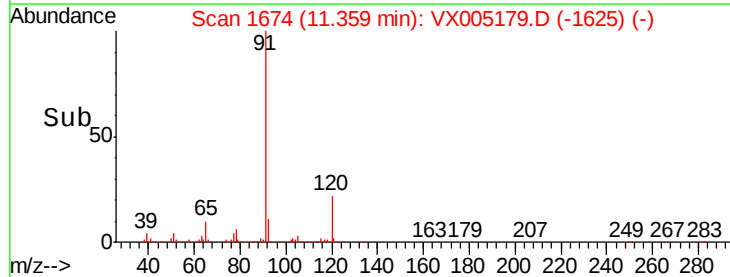
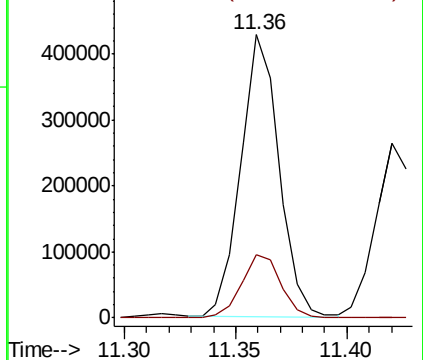
91 100

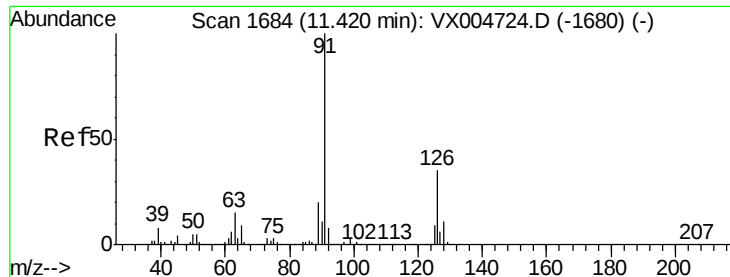
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.162 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

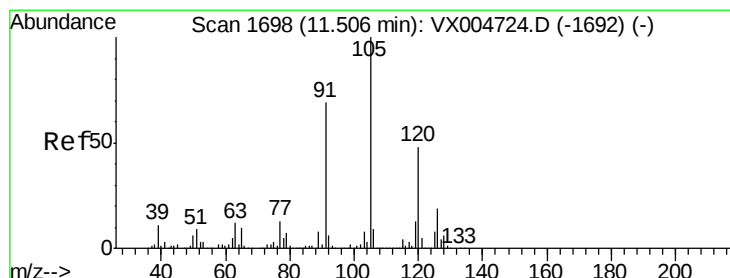
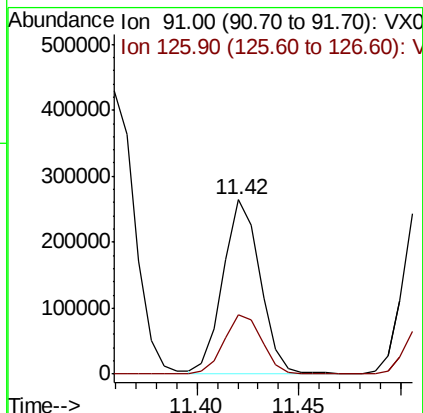
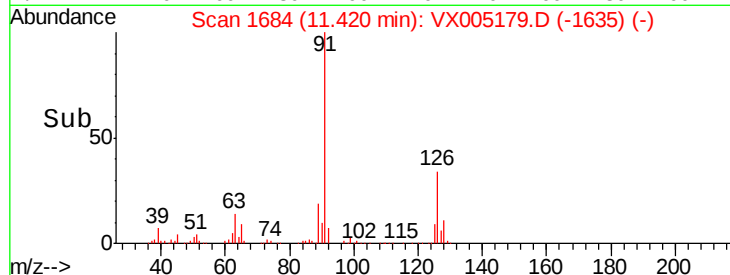
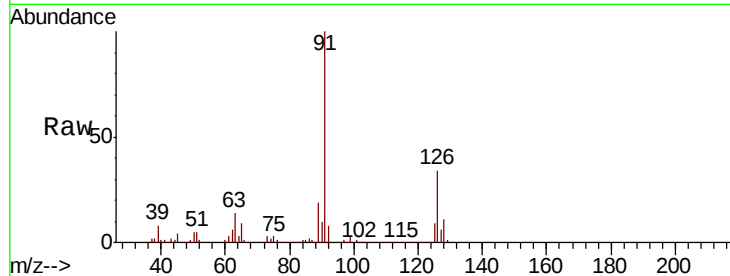
SA-TW513-1014MSD

Tot Ion: 91 Resp: 329945

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 44.964 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005179.D

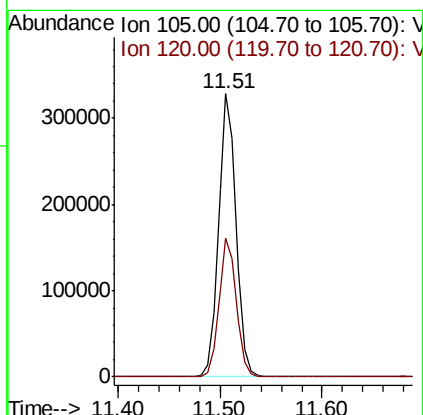
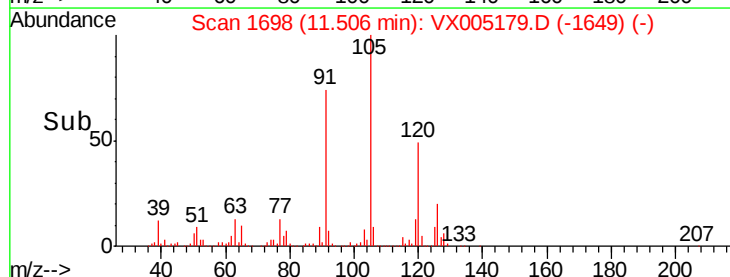
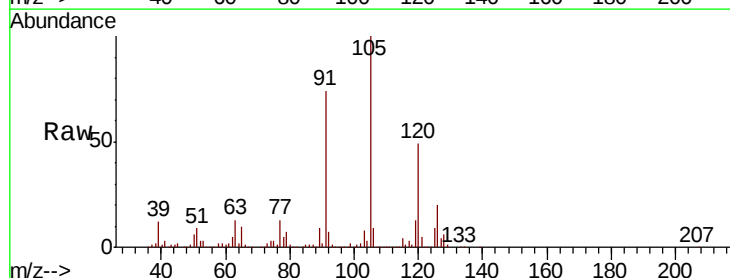
Acq: 10 Oct 2018 00:17

Tgt Ion: 105 Resp: 394942

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8

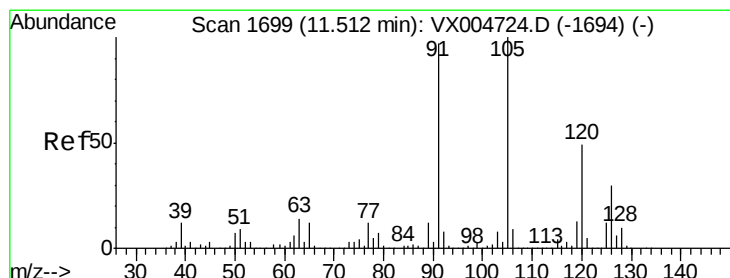
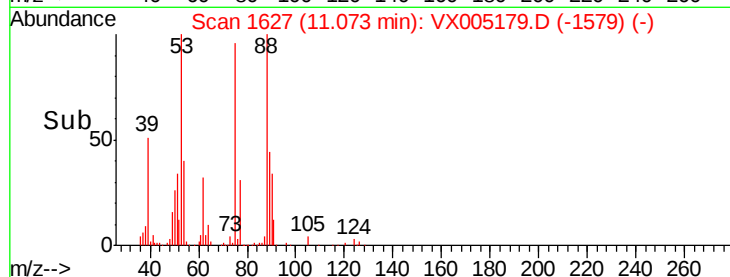
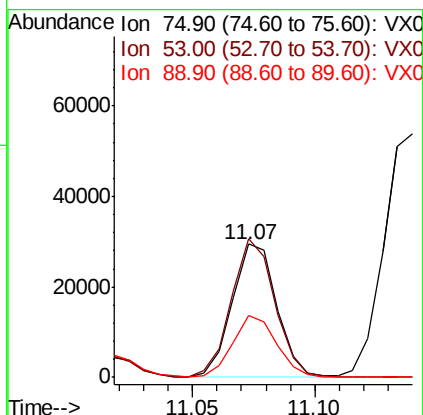
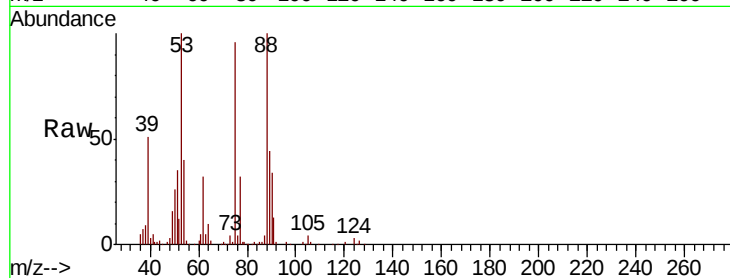




#81
trans-1,4-Dichloro-2-butene
Concen: 30.673 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

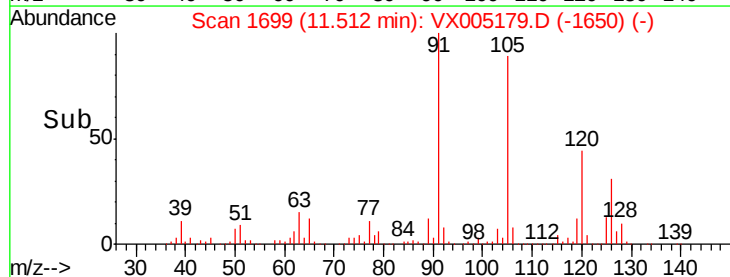
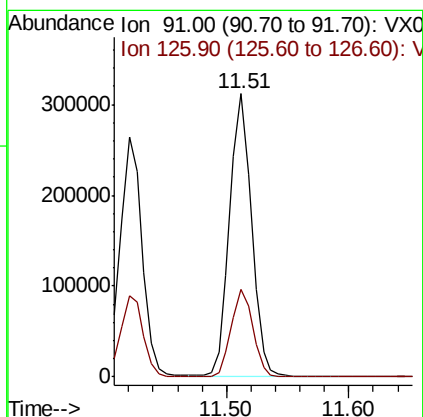
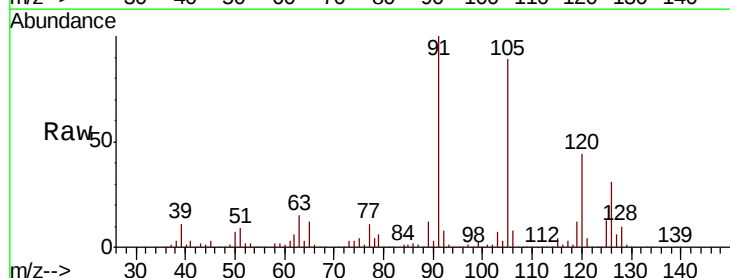
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

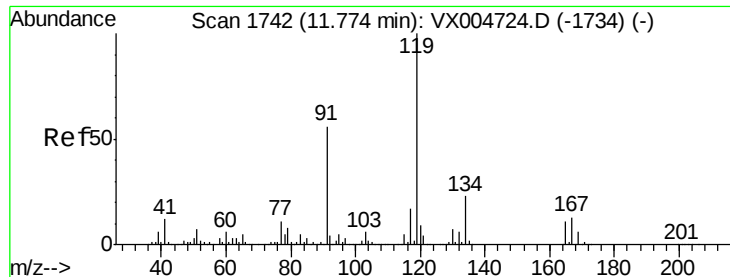
Tot Ion: 75 Resp: 37309
Ion Ratio Lower Upper
75 100
53 101.3 80.2 120.4
89 45.7 37.1 55.7



#82
4-Chlorotoluene
Concen: 48.196 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion: 91 Resp: 388639
Ion Ratio Lower Upper
91 100
126 30.7 15.5 46.5

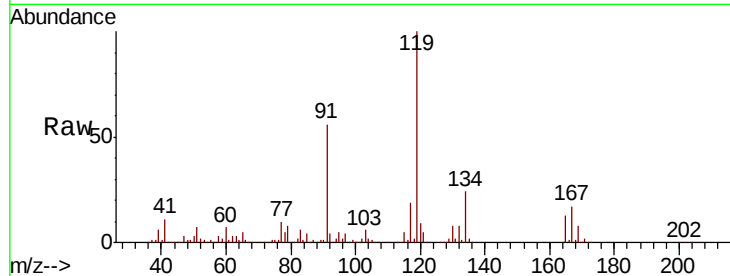




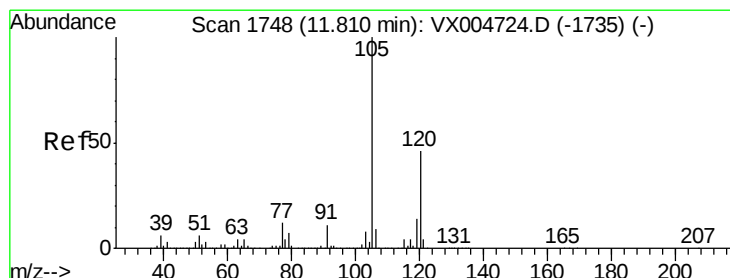
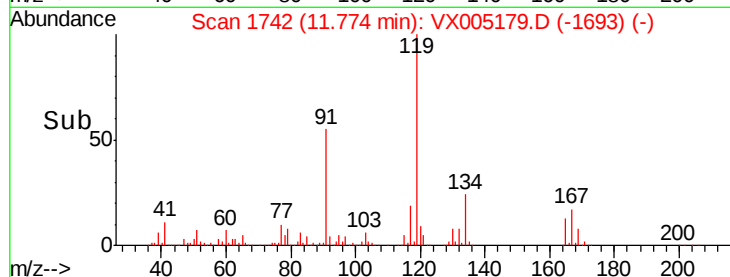
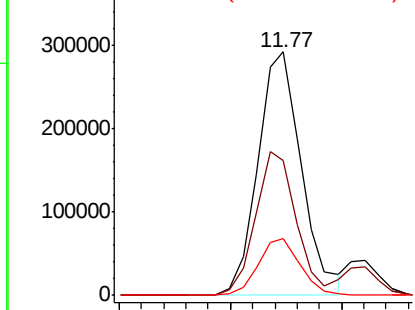
#83
 tert-Butylbenzene
 Concen: 50.372 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.8	27.5	82.5
134	22.5	11.5	34.4

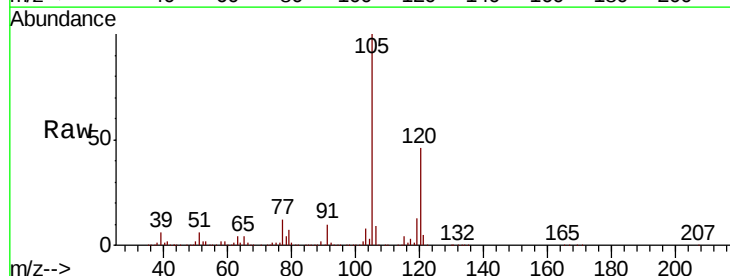


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

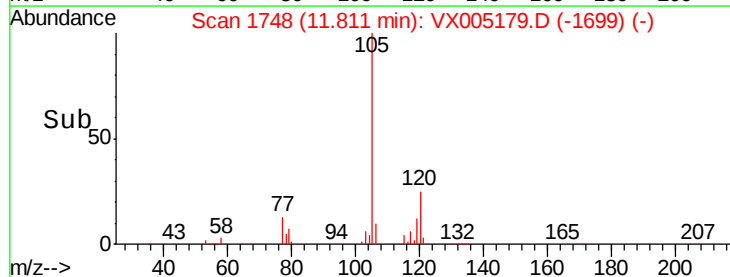
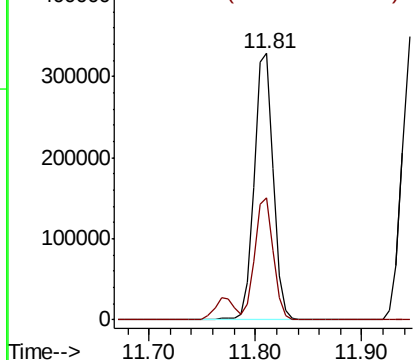


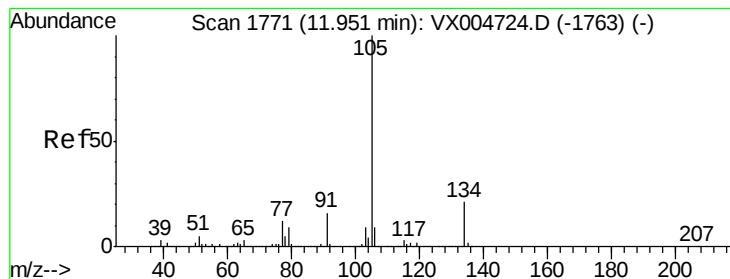
#84
 1,2,4-Trimethylbenzene
 Concen: 45.598 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.8	68.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.458 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

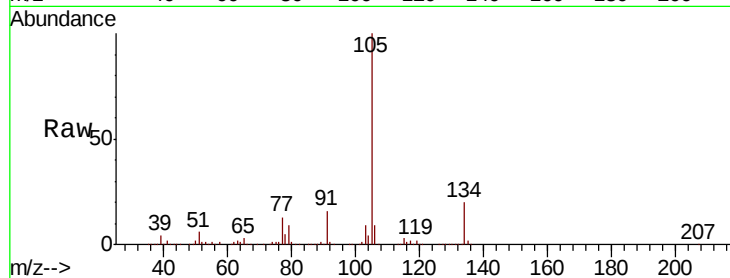
SA-TW513-1014MSD

Tot Ion:105 Resp: 436685

Ion Ratio Lower Upper

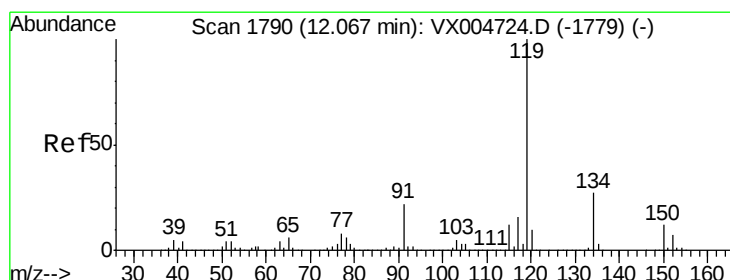
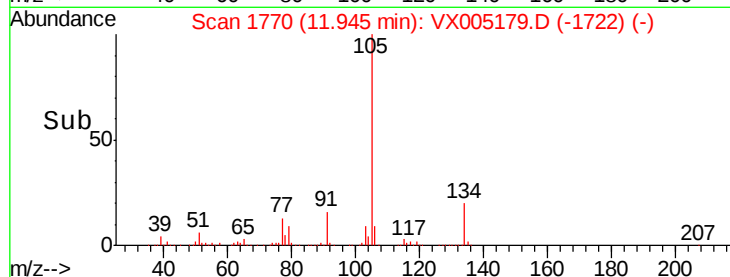
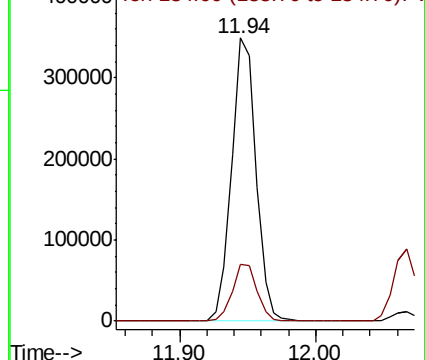
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.177 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

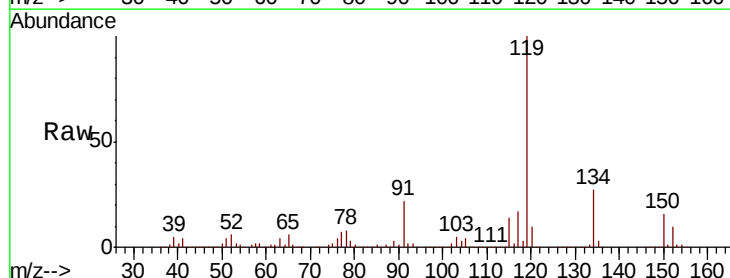
Tgt Ion:119 Resp: 393195

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

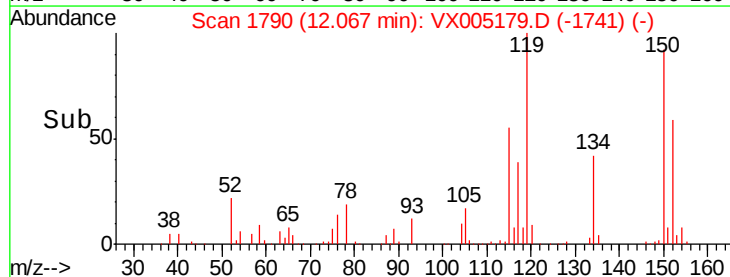
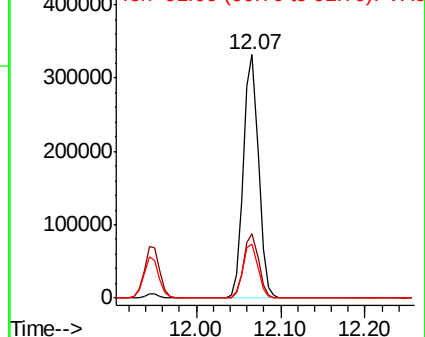
91 22.7 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

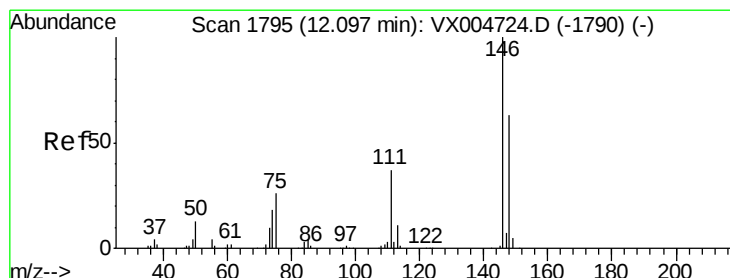
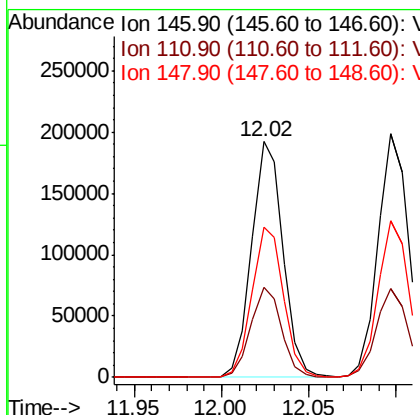
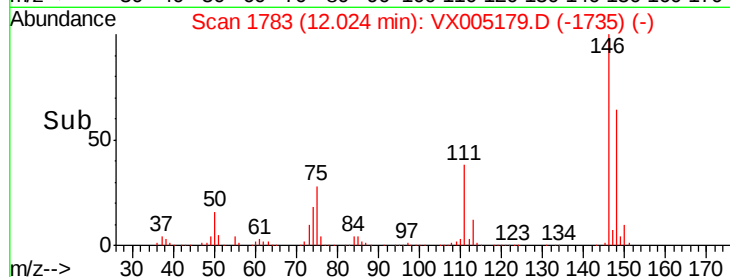
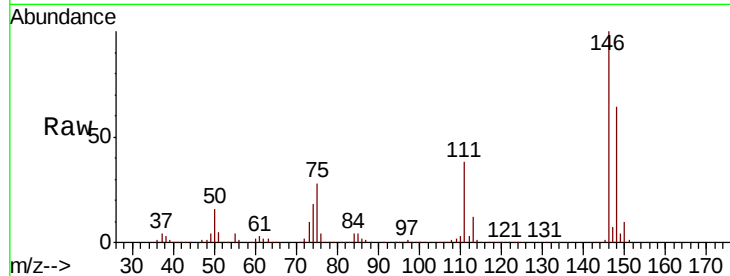




#87
 1,3-Dichlorobenzene
 Concen: 46.531 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

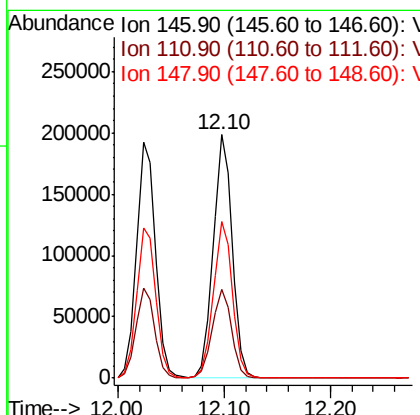
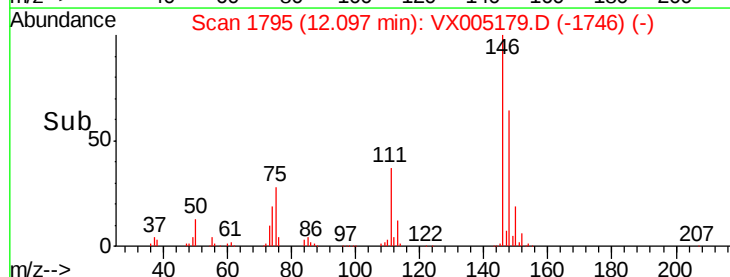
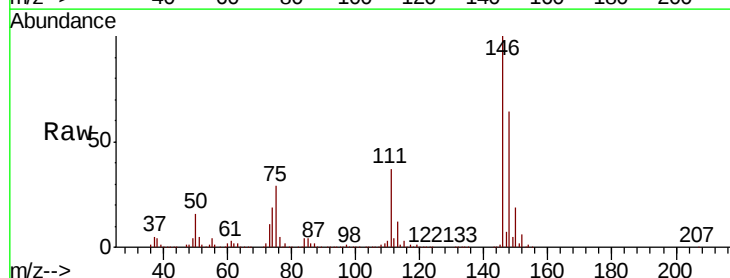
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

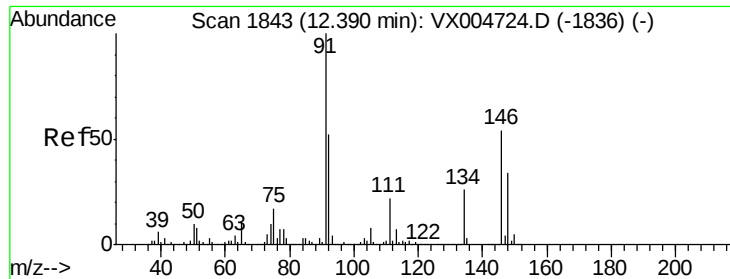
Tot Ion:146 Resp: 241744
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.9
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 45.283 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Tgt Ion:146 Resp: 242859
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.2
 148 64.7 32.0 96.0

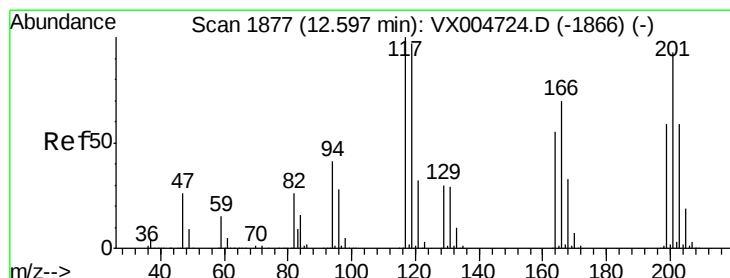
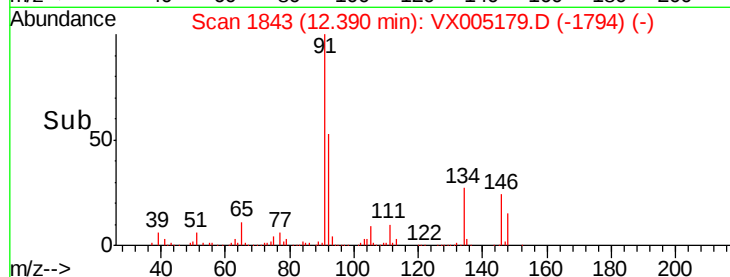
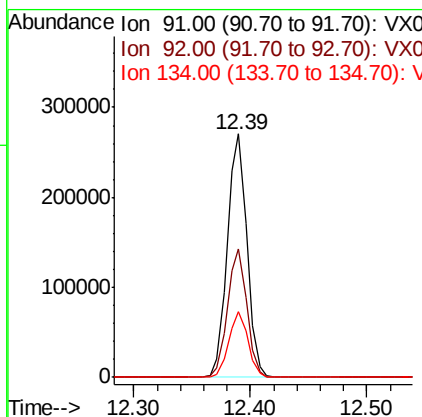
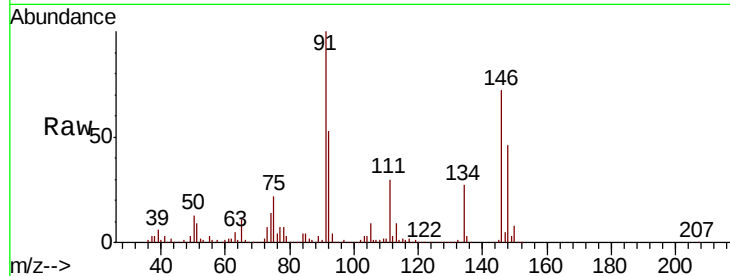




#89
n-Butylbenzene
Concen: 39.939 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

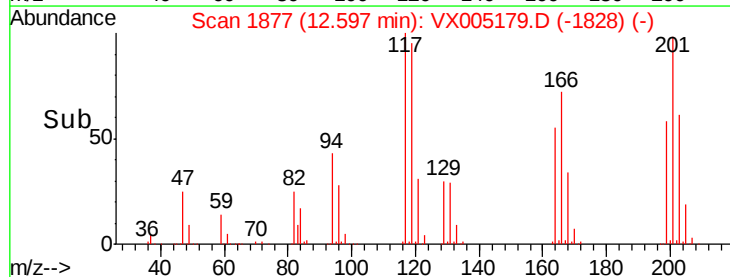
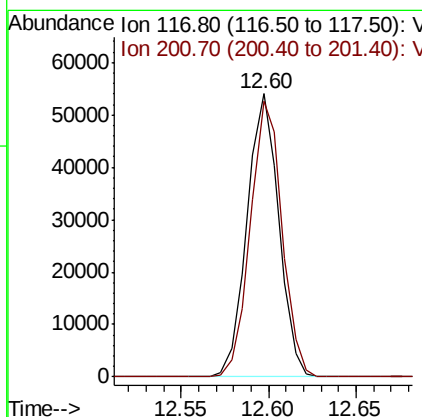
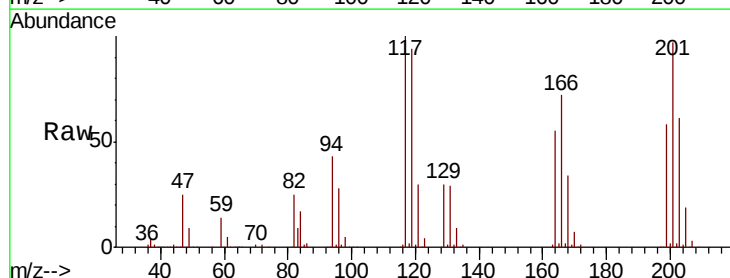
Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

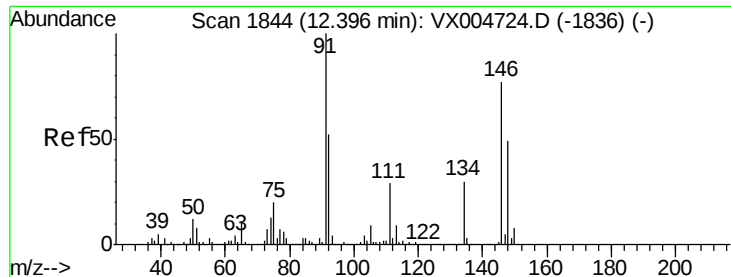
Tot Ion: 91 Resp: 315687
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 26.5 13.2 39.6



#90
Hexachloroethane
Concen: 46.924 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion: 117 Resp: 67997
Ion Ratio Lower Upper
117 100
201 97.4 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 46.991 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-1014MSD

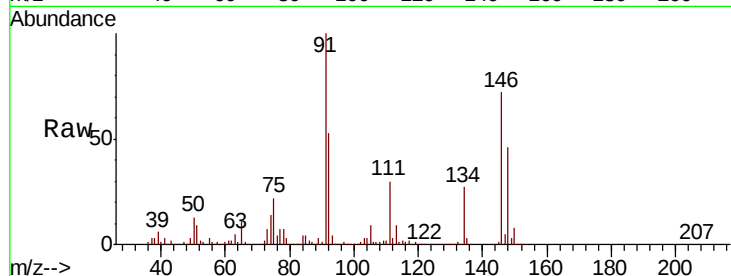
Tot Ion:146 Resp: 255135

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.7

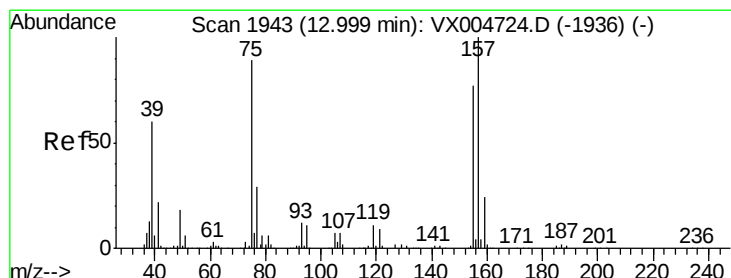
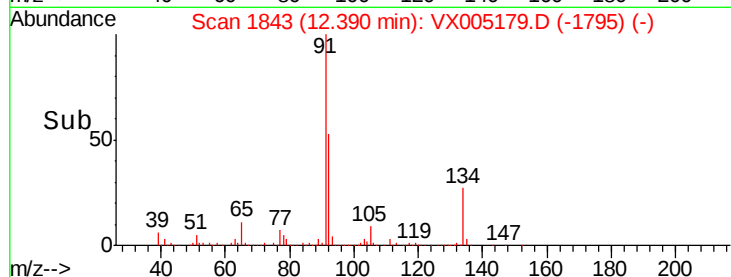
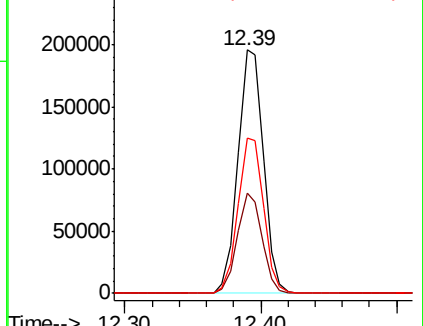
148 64.0 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.544 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005179.D

Acq: 10 Oct 2018 00:17

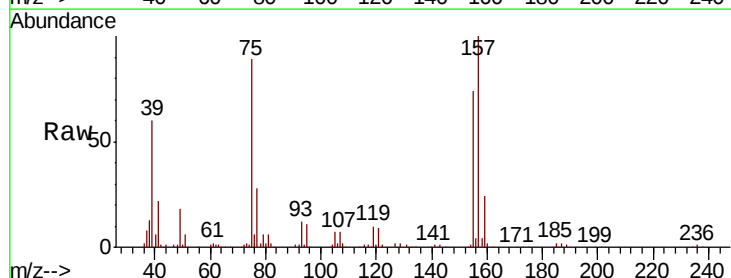
Tgt Ion: 75 Resp: 48411

Ion Ratio Lower Upper

75 100

155 91.4 46.1 138.3

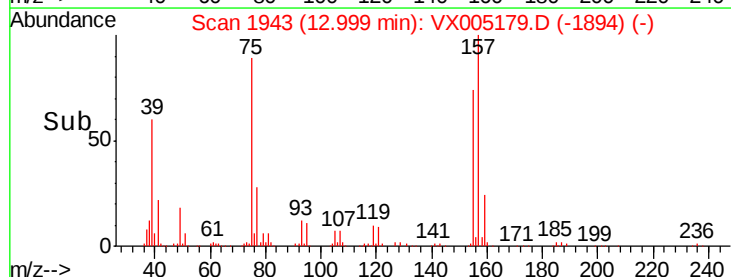
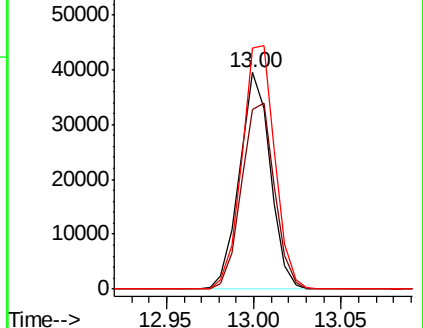
157 119.5 60.2 180.6

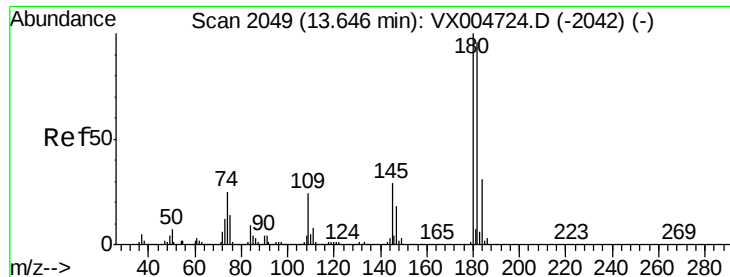


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

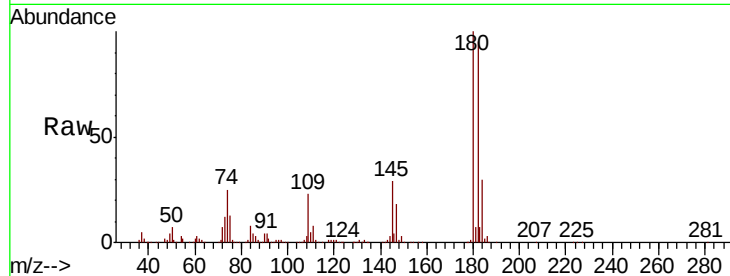




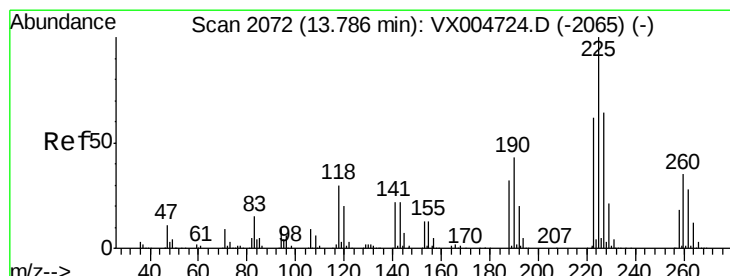
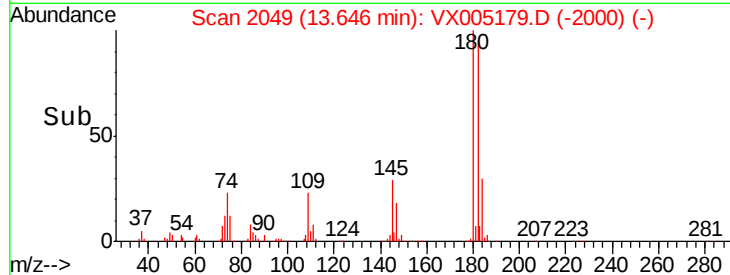
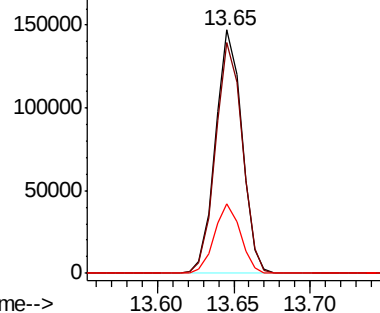
#93
 1,2,4-Trichlorobenzene
 Concen: 46.387 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-1014MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.4
145	28.4	14.1	42.4

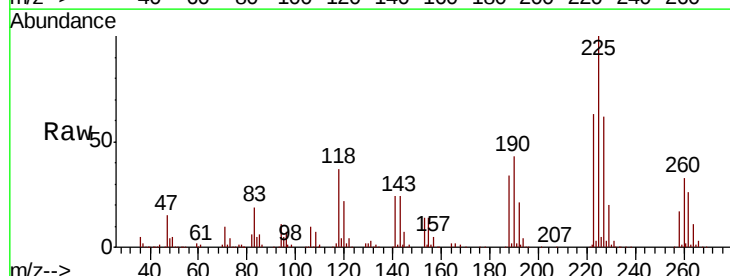


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

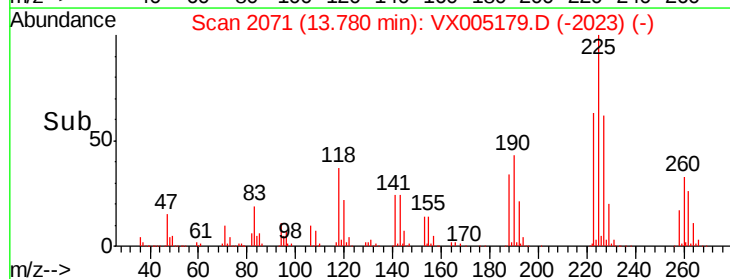
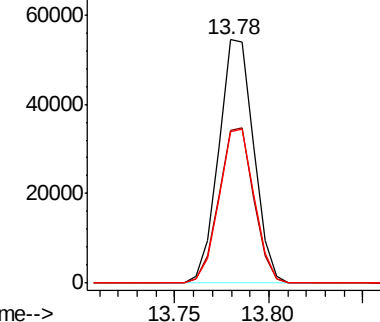


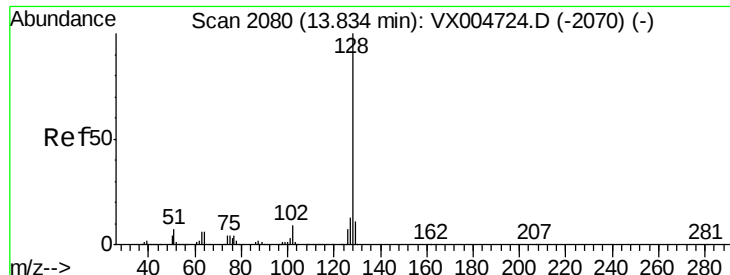
#94
 Hexachlorobutadiene
 Concen: 35.560 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005179.D
 Acq: 10 Oct 2018 00:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	63.4	31.9	95.5



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

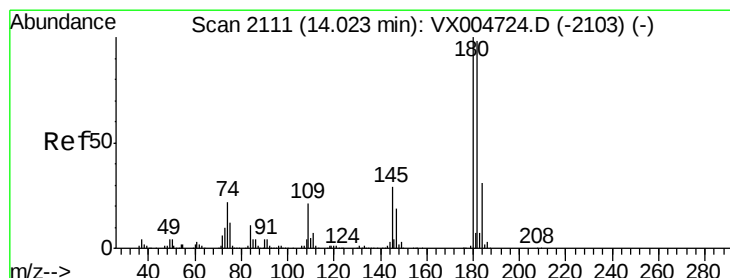
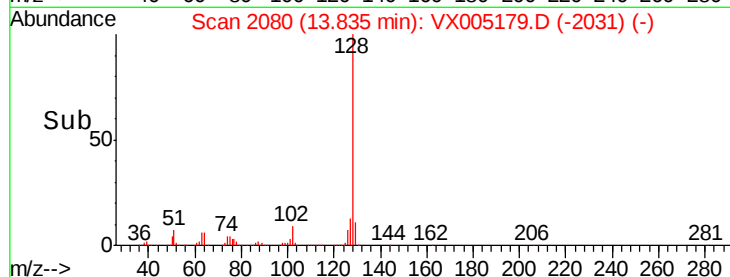
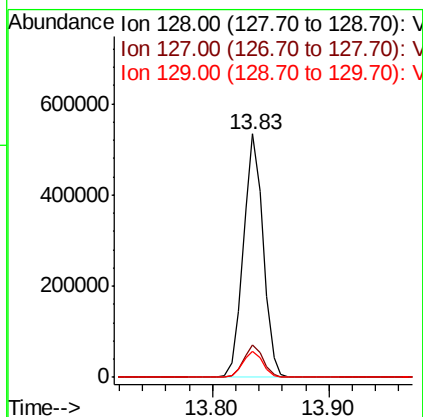
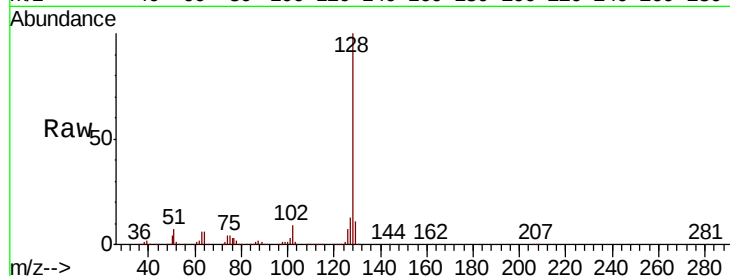




#95
Naphthalene
Concen: 49.973 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-1014MSD

Tot Ion:128 Resp: 631716
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.434 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005179.D
Acq: 10 Oct 2018 00:17

Tgt Ion:180 Resp: 194490
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.8
145 29.4 15.0 45.0

