

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005648.D
 Acq On : 27 Oct 2018 11:20
 Operator : JC/MD
 Sample : J5292-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025MSD

Quant Time: Oct 29 00:55:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134397	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.49	113	112783	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	8.71	98	373701	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.14	95	144032	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136358	62.801	ug/l	97
3) Chloromethane	1.32	50	146451	52.963	ug/l	95
4) Vinyl Chloride	1.40	62	144600	53.183	ug/l	100
5) Bromomethane	1.64	94	78616	46.468	ug/l	94
6) Chloroethane	1.72	64	86509	49.806	ug/l	97
7) Trichlorofluoromethane	1.93	101	195211	51.671	ug/l	94
8) Diethyl Ether	2.19	74	75011	49.752	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106633	49.193	ug/l	97
10) Methyl Iodide	2.51	142	121641	53.529	ug/l	97
11) Tert butyl alcohol	3.07	59	169233	234.202	ug/l	100
12) 1,1-Dichloroethene	2.37	96	110305	53.418	ug/l	88
13) Acrolein	2.29	56	76807	208.375	ug/l	95
14) Allyl chloride	2.73	41	225113	48.847	ug/l	99
15) Acrylonitrile	3.15	53	390415	240.948	ug/l	94
16) Acetone	2.45	43	355556	250.581	ug/l	97
17) Carbon Disulfide	2.57	76	310310	49.298	ug/l	100
18) Methyl Acetate	2.78	43	192177	54.970	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	383405	52.051	ug/l	99
20) Methylene Chloride	2.86	84	126719	53.323	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	107624	47.735	ug/l	94
22) Diisopropyl ether	3.87	45	413987	51.441	ug/l #	93
23) Vinyl Acetate	3.82	43	1799286	253.858	ug/l	99
24) 1,1-Dichloroethane	3.70	63	225367	51.507	ug/l	99
25) 2-Butanone	4.70	43	566786	262.312	ug/l	95
26) 2,2-Dichloropropane	4.59	77	99024	29.314	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	124200	51.098	ug/l	95
28) Bromochloromethane	5.02	49	107311	50.709	ug/l	92
29) Tetrahydrofuran	5.15	42	359757	255.844	ug/l	100
30) Chloroform	5.21	83	208766	51.008	ug/l	98
31) Cyclohexane	5.57	56	194234	53.653	ug/l #	83
32) 1,1,1-Trichloroethane	5.49	97	183322	50.749	ug/l	98
36) 1,1-Dichloropropene	5.80	75	156169	49.059	ug/l	96
37) Ethyl Acetate	4.85	43	192222	47.320	ug/l	100
38) Carbon Tetrachloride	5.78	117	170275	50.787	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158356	45.050	ug/l	99
40) Benzene	6.14	78	483094	52.940	ug/l	97
41) Methacrylonitrile	5.07	41	115398	50.999	ug/l	97
42) 1,2-Dichloroethane	6.20	62	171808	49.562	ug/l	99
43) Isopropyl Acetate	6.46	43	296091	48.642	ug/l	95
44) Trichloroethene	7.21	130	123165	49.545	ug/l	94
45) 1,2-Dichloropropane	7.51	63	115804	47.203	ug/l	97
46) Dibromomethane	7.66	93	72977	46.056	ug/l	98
47) Bromodichloromethane	7.90	83	144583	47.014	ug/l	99
48) Methyl methacrylate	7.77	41	144249	48.643	ug/l	99
49) 1,4-Dioxane	7.75	88	52877	815.944	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1021348	249.660	ug/l	97
52) Toluene	8.79	92	261664	47.182	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	149857	45.087	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	155378	43.421	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	109277	46.736	ug/l	98
56) Ethyl methacrylate	9.18	69	172985	49.600	ug/l	100
57) 1,3-Dichloropropane	9.37	76	182372	46.097	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1316	0.676	ug/l #	48
59) 2-Hexanone	9.49	43	759875	235.583	ug/l	100
60) Dibromochloromethane	9.59	129	118061	48.396	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113886	47.081	ug/l	99
64) Tetrachloroethene	9.34	164	101809	42.608	ug/l	98
65) Chlorobenzene	10.14	112	298297	48.667	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	111505	49.892	ug/l	98
67) Ethyl Benzene	10.25	91	519381	51.503	ug/l	100
68) m/p-Xylenes	10.36	106	399416	102.088	ug/l	99
69) o-Xylene	10.70	106	190880	51.857	ug/l	99
70) Styrene	10.71	104	318271	51.651	ug/l	99
71) Bromoform	10.86	173	108850	54.580	ug/l	98
73) Isopropylbenzene	11.02	105	556983	46.448	ug/l	99
74) N-amyl acetate	10.90	43	256904	43.236	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	191320	43.245	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	226872	54.583	ug/l	88
77) Bromobenzene	11.26	156	142879	42.753	ug/l	97
78) n-propylbenzene	11.36	91	707086	51.567	ug/l	98
79) 2-Chlorotoluene	11.42	91	428634	50.417	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	473404	46.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49670	39.048	ug/l	94
82) 4-Chlorotoluene	11.51	91	461996	46.084	ug/l	99
83) tert-Butylbenzene	11.77	119	518973	50.753	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	554843	53.367	ug/l	99
85) sec-Butylbenzene	11.94	105	635513	52.085	ug/l	99
86) p-Isopropyltoluene	12.06	119	573145	52.546	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	324092	51.570	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	312620	47.656	ug/l	97
89) n-Butylbenzene	12.39	91	484716	49.225	ug/l	96
90) Hexachloroethane	12.60	117	96714	51.410	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	330805	52.028	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53128	49.666	ug/l	96

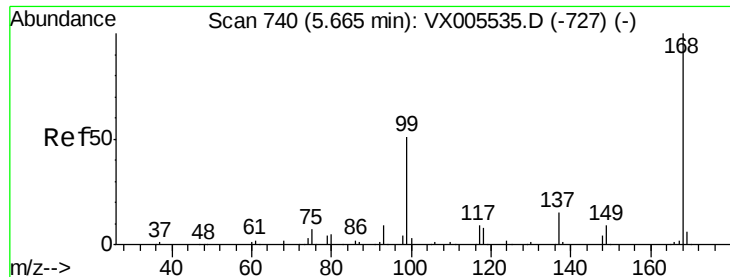
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	253911	55.090	ug/l	95
94) Hexachlorobutadiene	13.79	225	111934	46.864	ug/l	95
95) Naphthalene	13.83	128	734156	54.798	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	238295	51.003	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

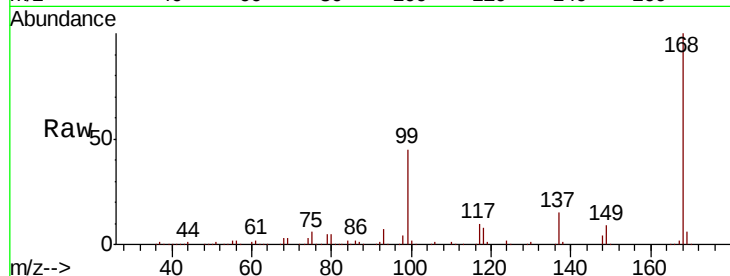
FT-PZ459I-20181025MSD

Tot Ion:168 Resp: 219978

Ion Ratio Lower Upper

168 100

99 44.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

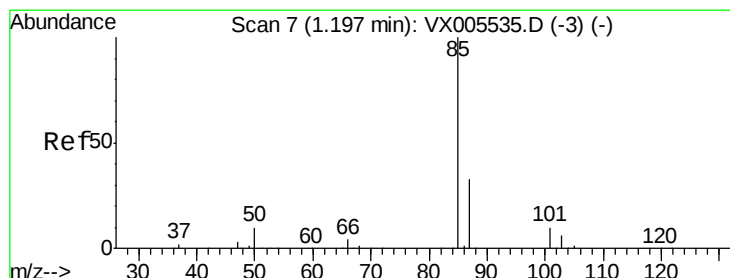
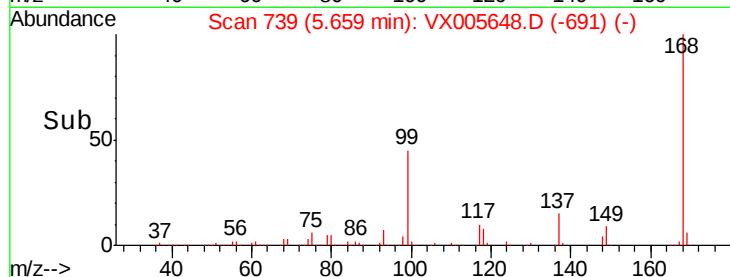
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 62.801 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005648.D

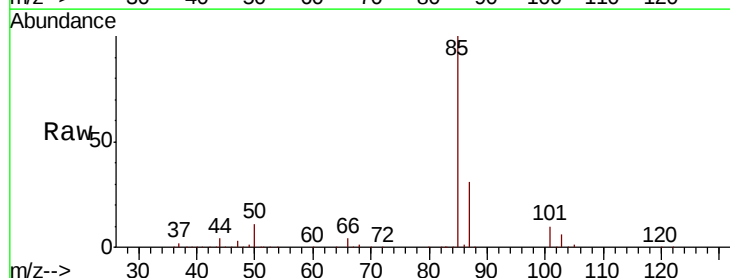
Acq: 27 Oct 2018 11:20

Tgt Ion: 85 Resp: 136358

Ion Ratio Lower Upper

85 100

87 31.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

0

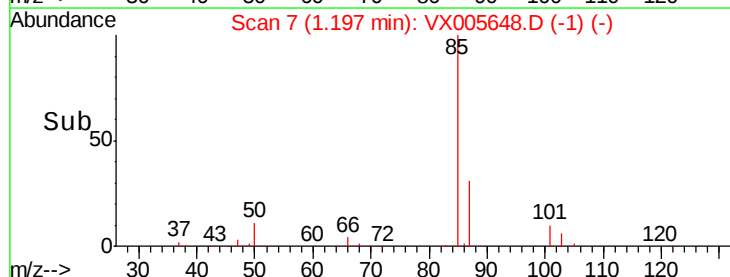
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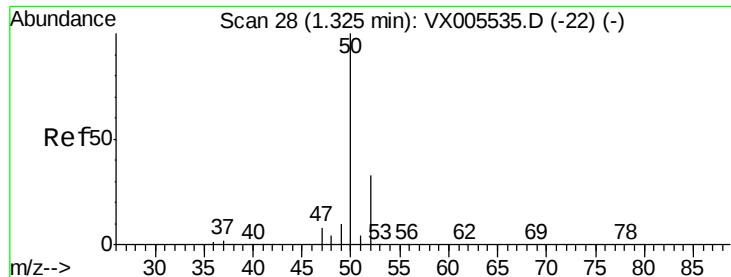
1.15

1.20

1.25

1.30

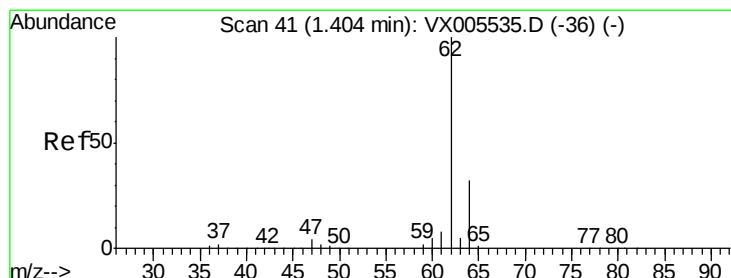
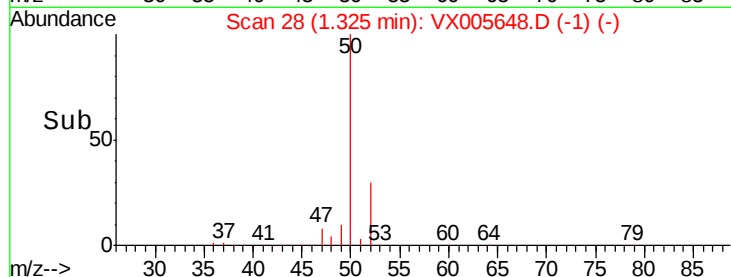
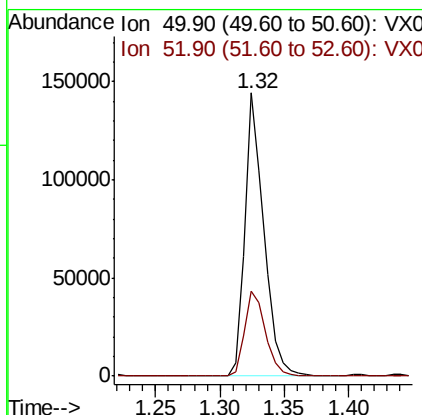
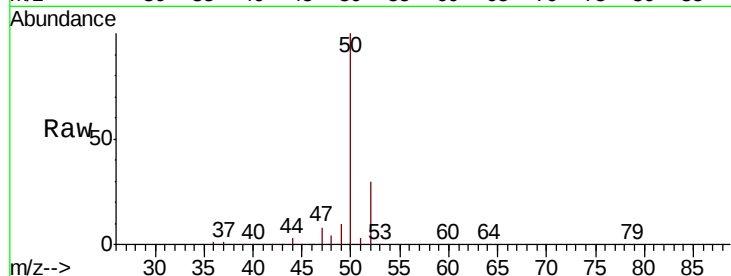




#3
Chloromethane
Concen: 52.963 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

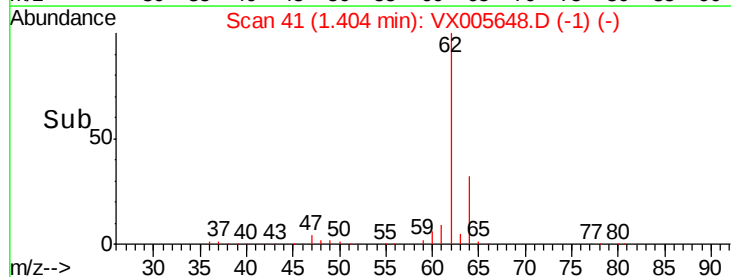
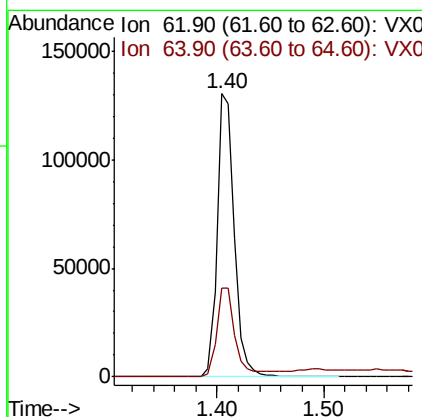
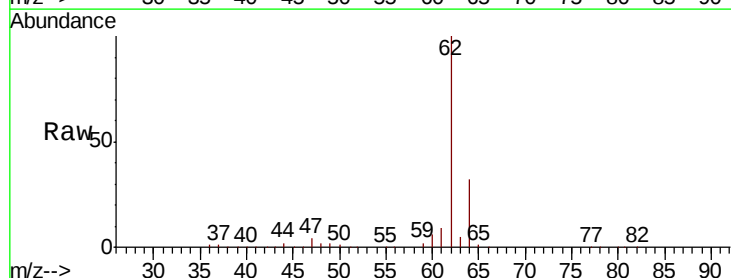
Instrument :
MSVOA_X
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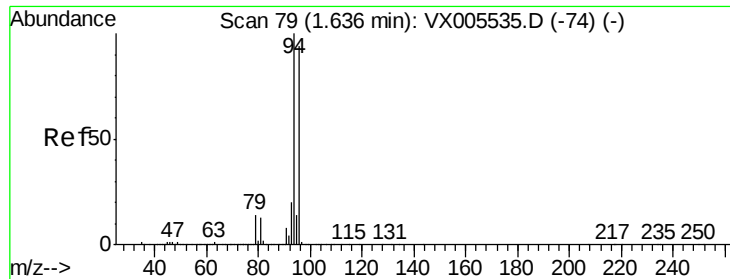
Tot Ion: 50 Resp: 146451
Ion Ratio Lower Upper
50 100
52 29.9 26.2 39.2



#4
Vinyl Chloride
Concen: 53.183 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion: 62 Resp: 144600
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





#5

Bromomethane

Concen: 46.468 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

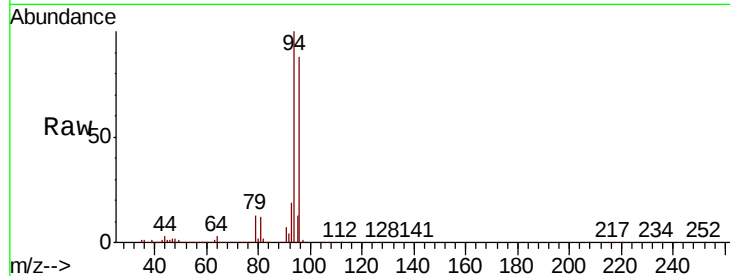
FT-PZ459I-20181025MSD

Tot Ion: 94 Resp: 78616

Ion Ratio Lower Upper

94 100

96 87.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

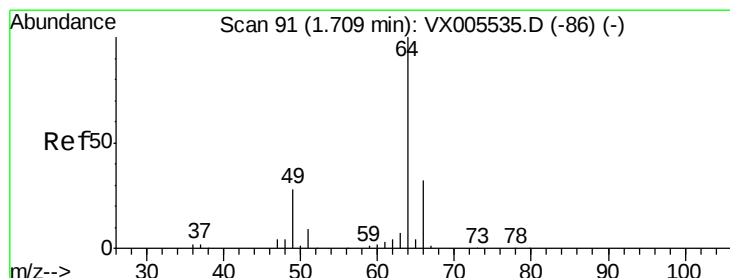
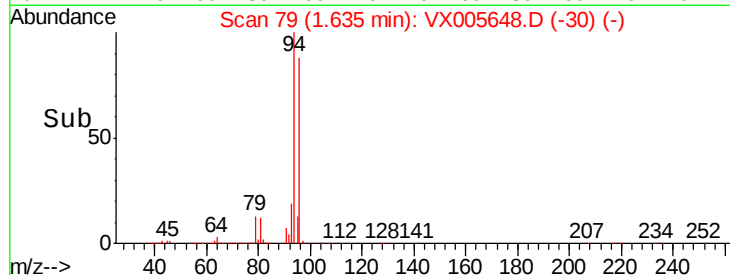
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 49.806 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005648.D

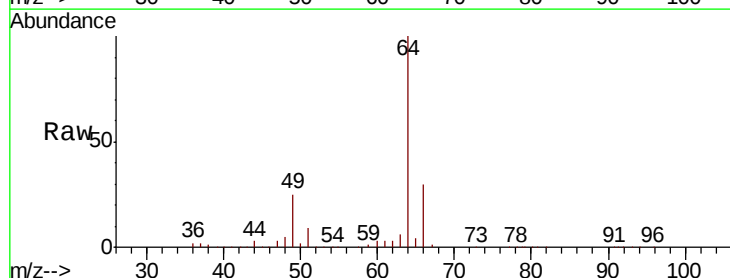
Acq: 27 Oct 2018 11:20

Tgt Ion: 64 Resp: 86509

Ion Ratio Lower Upper

64 100

66 30.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

60000

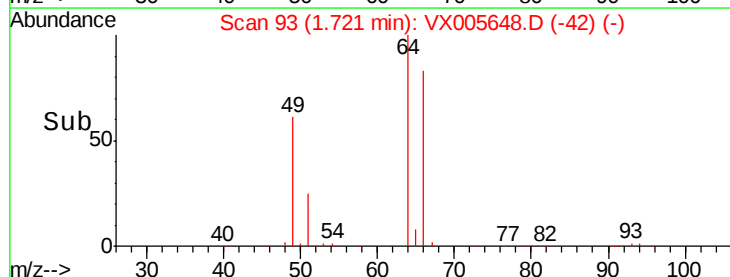
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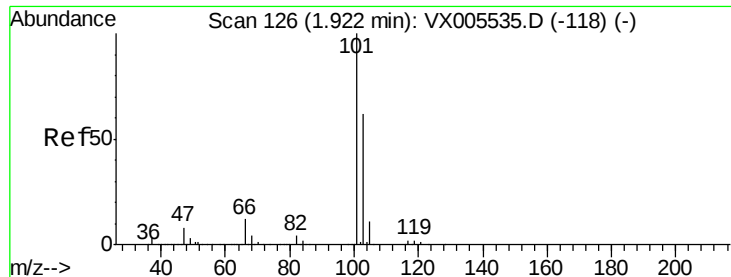
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0

Time-->

1.70 1.80



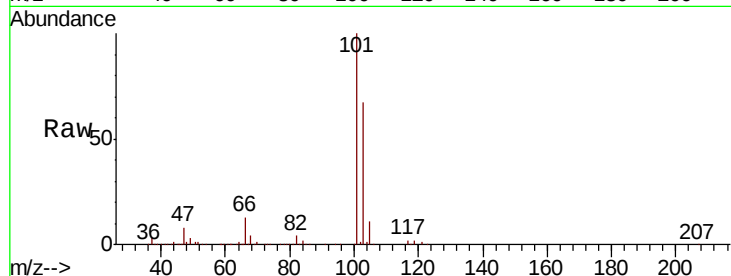


#7

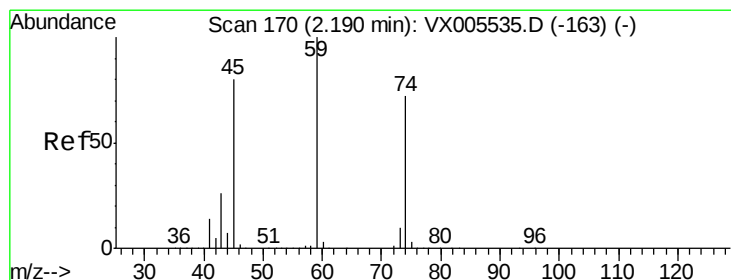
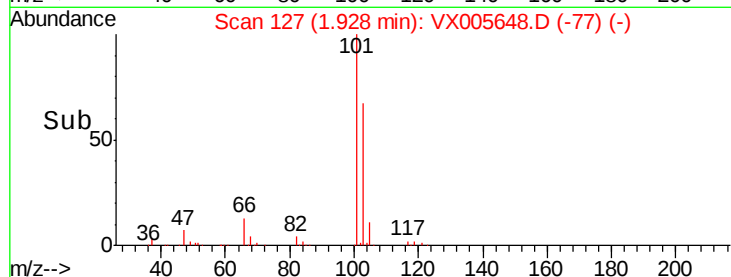
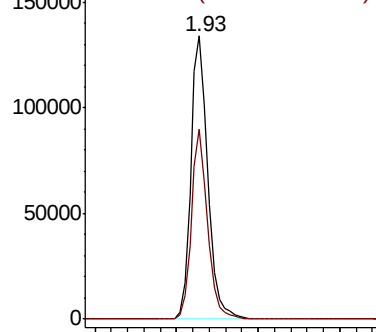
Trichlorofluoromethane
Concen: 51.671 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

Tot Ion:101 Resp: 195211
Ion Ratio Lower Upper
101 100
103 67.1 50.0 75.0



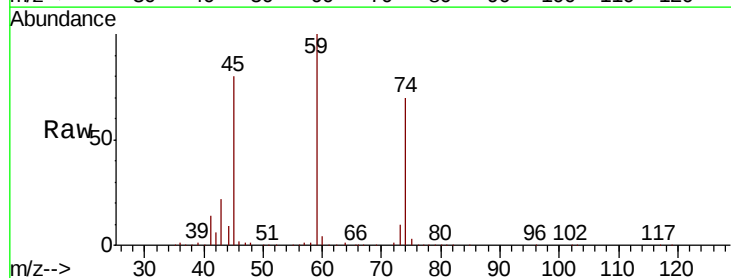
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



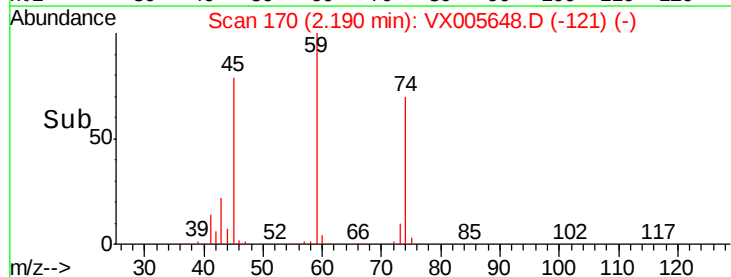
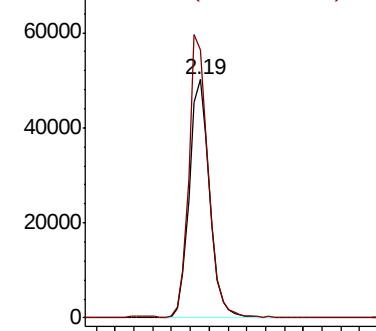
#8

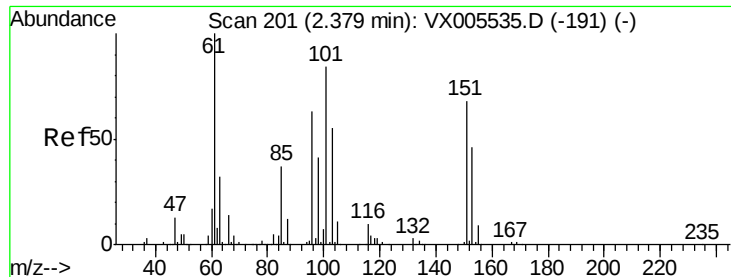
Diethyl Ether
Concen: 49.752 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion: 74 Resp: 75011
Ion Ratio Lower Upper
74 100
45 112.4 54.1 162.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.193 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

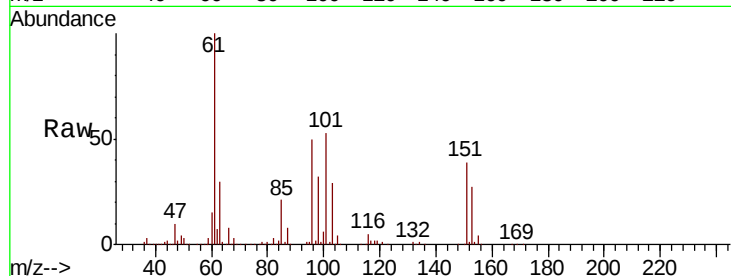
Tot Ion:101 Resp: 106633

Ion Ratio Lower Upper

101 100

85 42.1 35.0 52.4

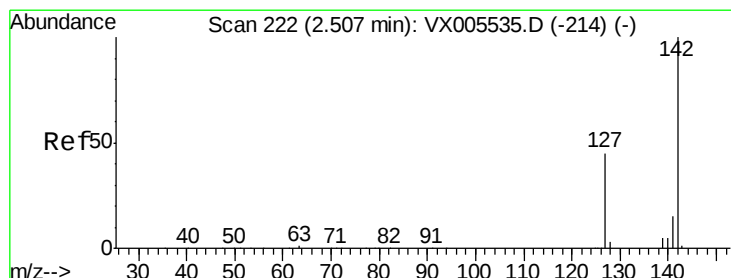
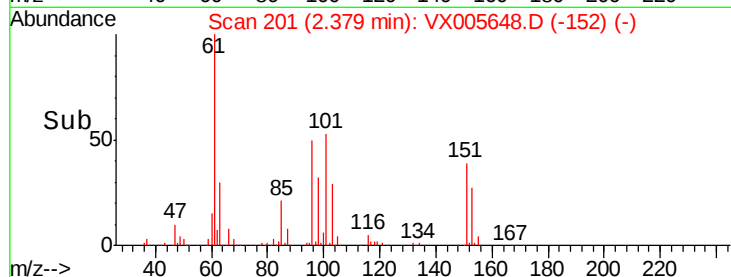
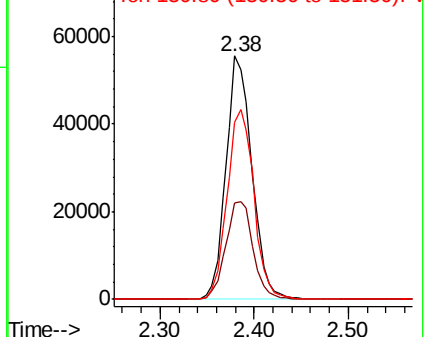
151 80.2 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.529 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

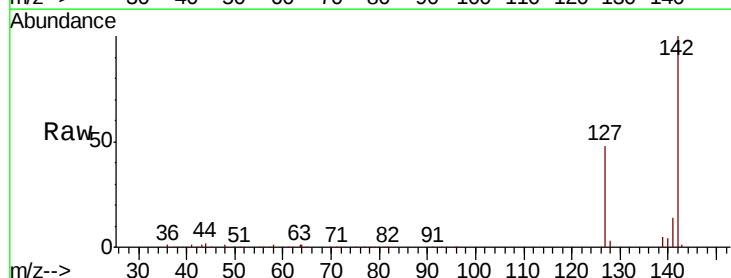
Tgt Ion:142 Resp: 121641

Ion Ratio Lower Upper

142 100

127 47.4 36.0 54.0

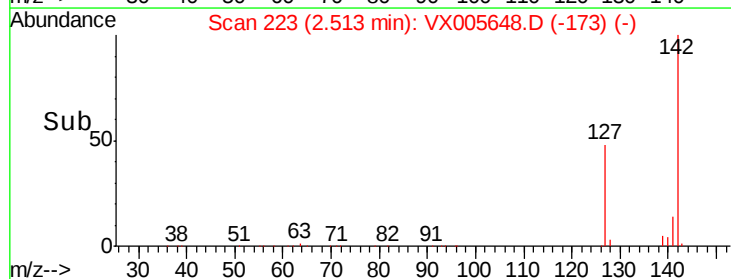
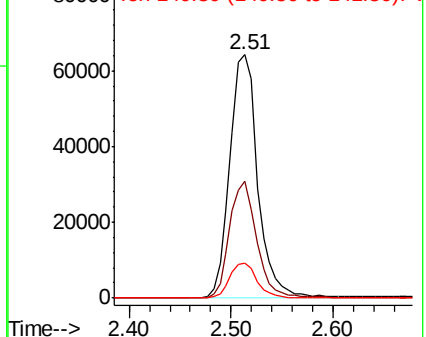
141 14.2 11.7 17.5

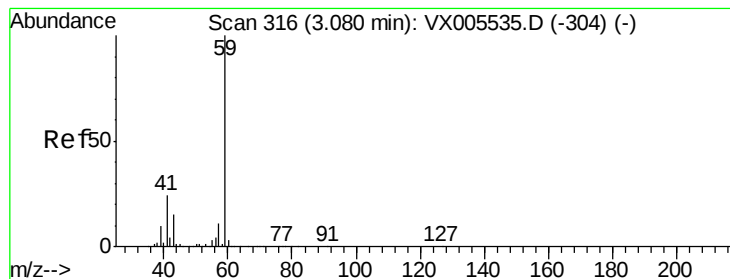


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



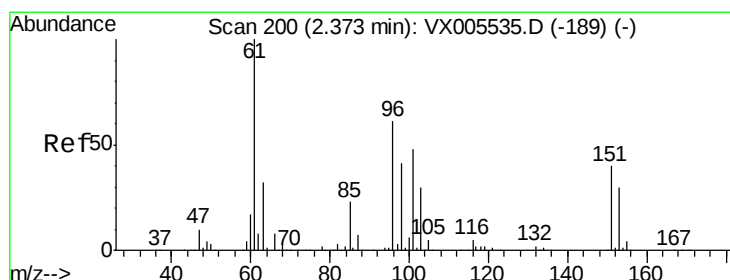
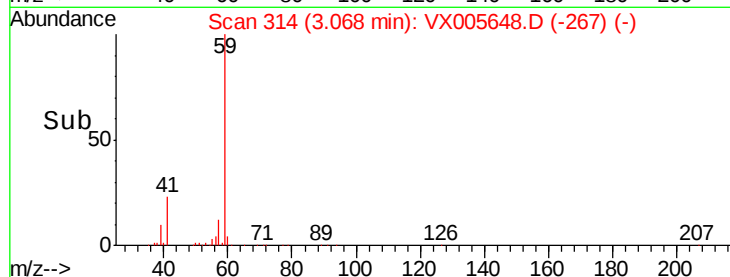
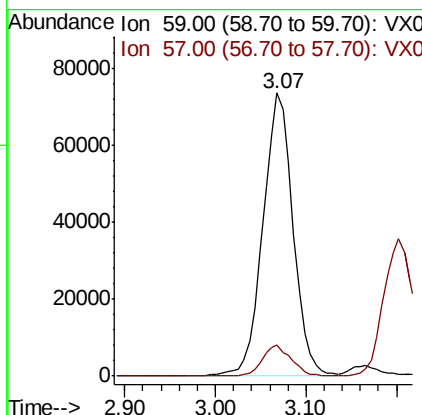
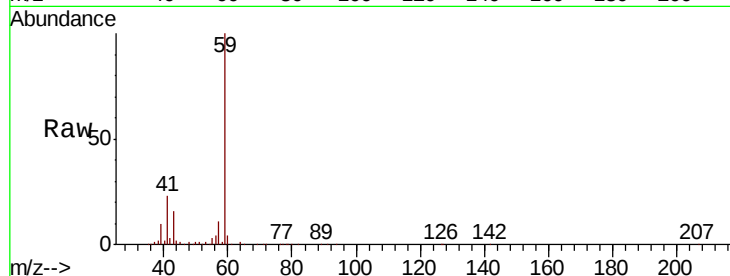


#11

Tert butyl alcohol
Concen: 234.202 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

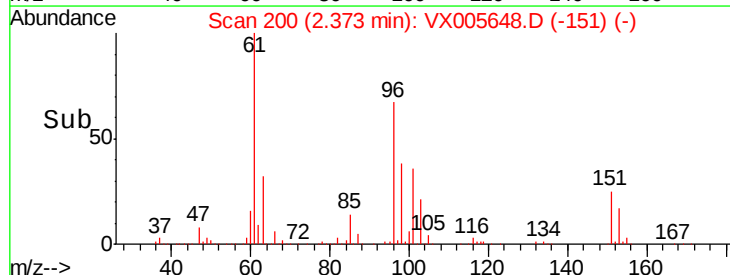
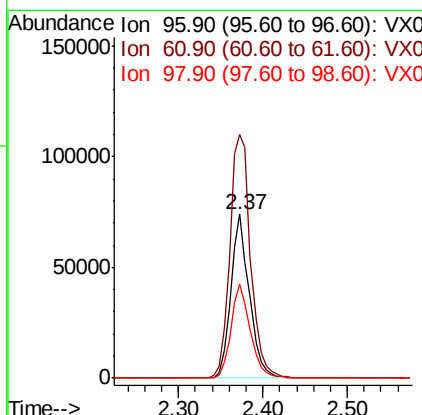
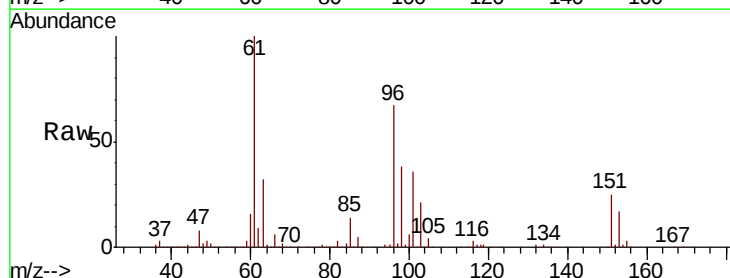
Tot Ion: 59 Resp: 169233
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

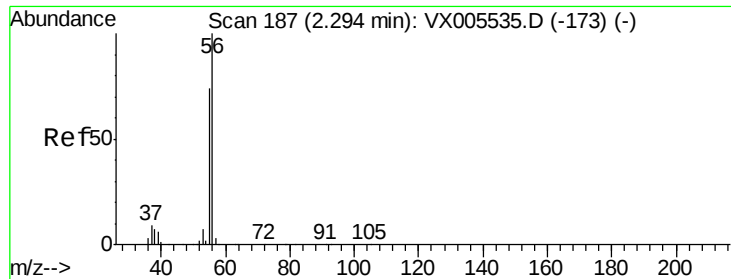


#12

1,1-Dichloroethene
Concen: 53.418 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion: 96 Resp: 110305
Ion Ratio Lower Upper
96 100
61 148.5 131.8 197.8
98 57.1 53.4 80.2





#13

Acrolein

Concen: 208.375 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

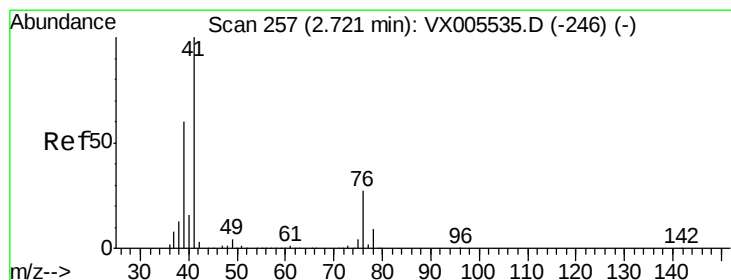
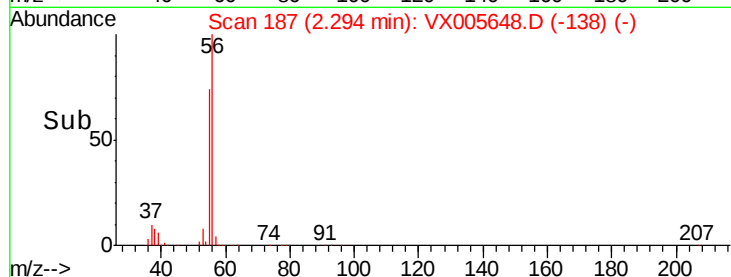
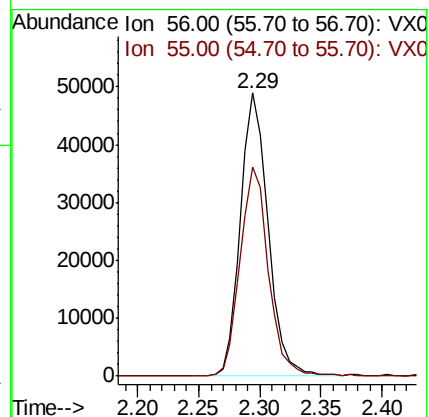
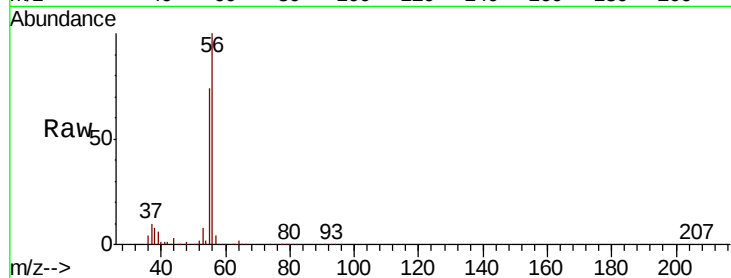
FT-PZ459I-20181025MSD

Tot Ion: 56 Resp: 76807

Ion Ratio Lower Upper

56 100

55 75.4 57.3 85.9



#14

Allyl chloride

Concen: 48.847 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

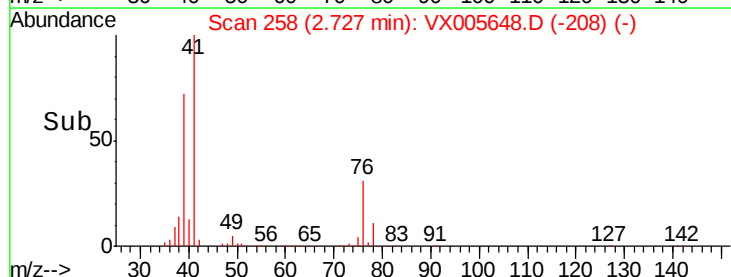
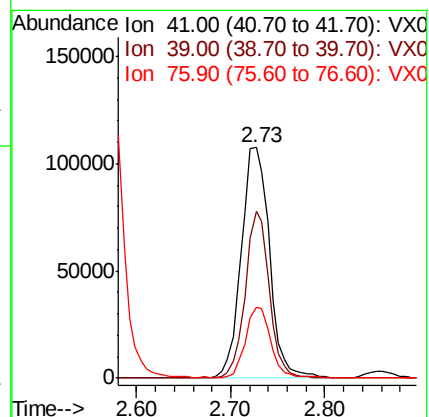
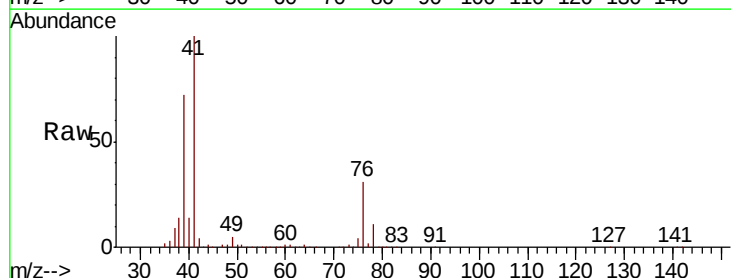
Tgt Ion: 41 Resp: 225113

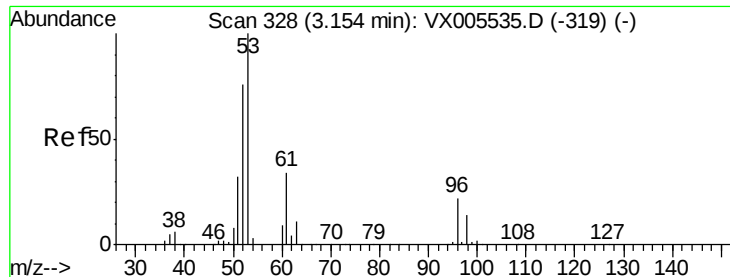
Ion Ratio Lower Upper

41 100

39 61.3 48.2 72.4

76 27.3 21.9 32.9





#15

Acrylonitrile

Concen: 240.948 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

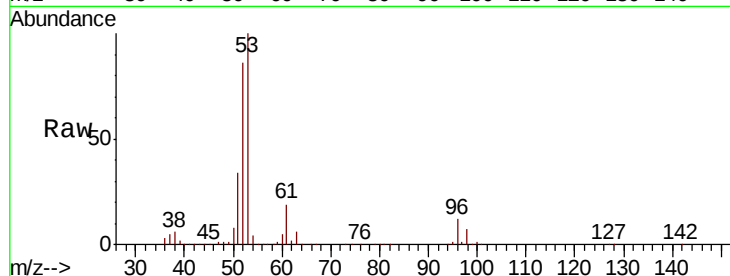
Tot Ion: 53 Resp: 390415

Ion Ratio Lower Upper

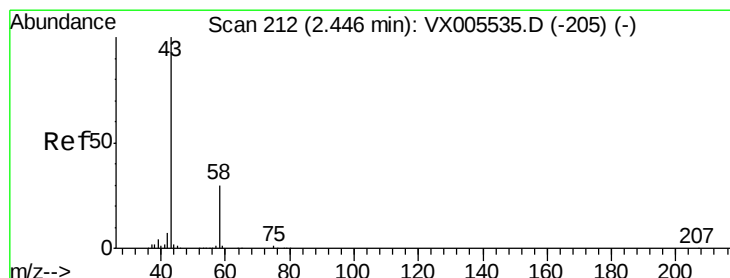
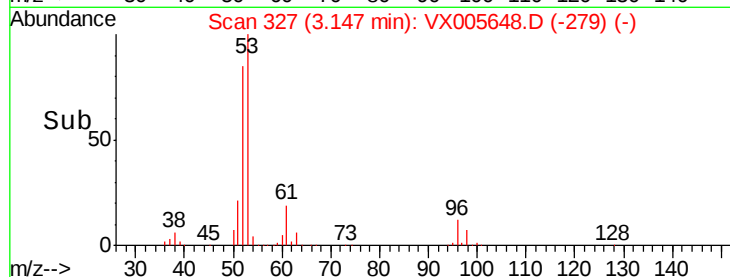
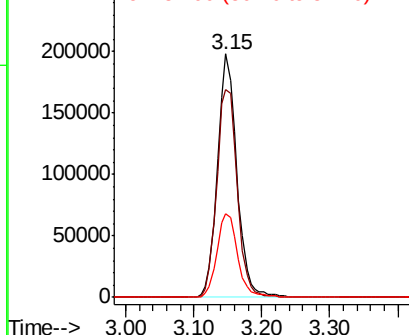
53 100

52 90.6 66.6 99.8

51 36.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 250.581 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005648.D

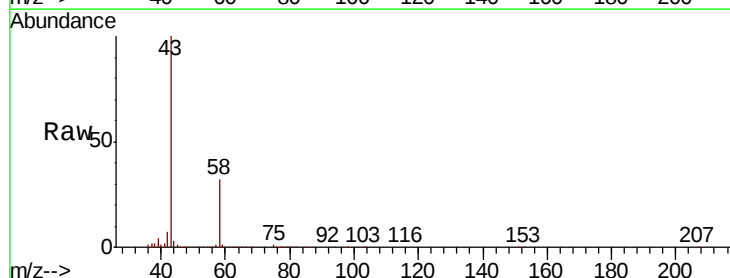
Acq: 27 Oct 2018 11:20

Tgt Ion: 43 Resp: 355556

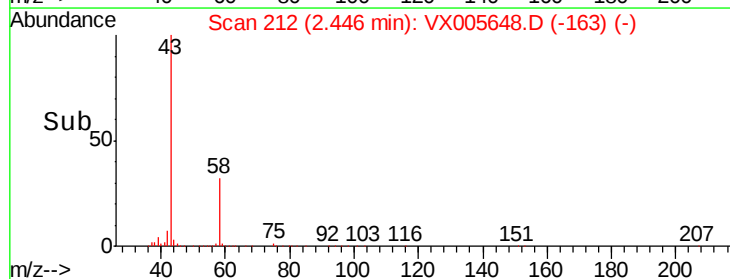
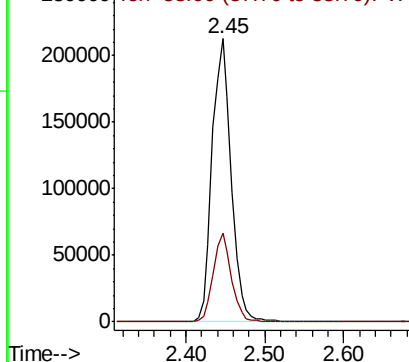
Ion Ratio Lower Upper

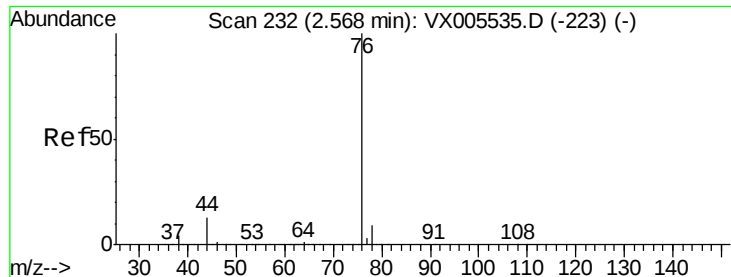
43 100

58 31.5 23.8 35.6



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

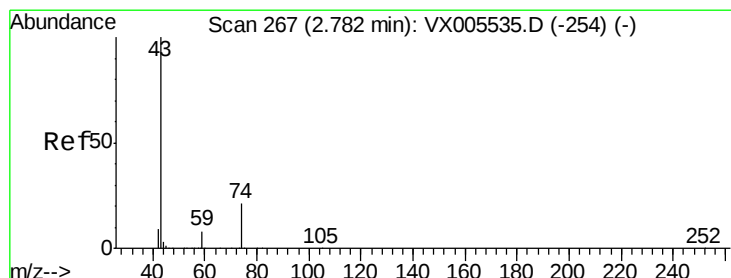
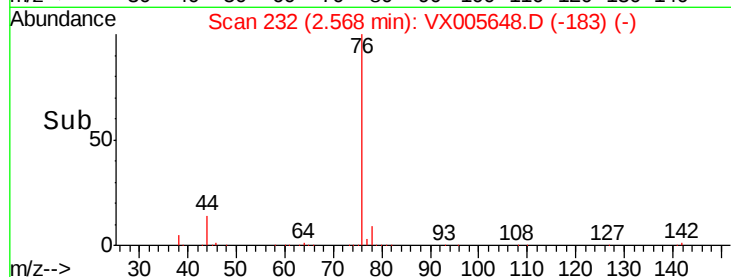
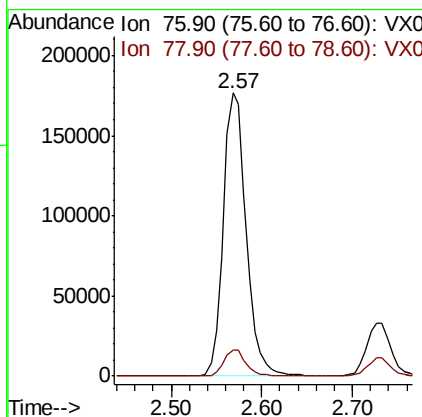
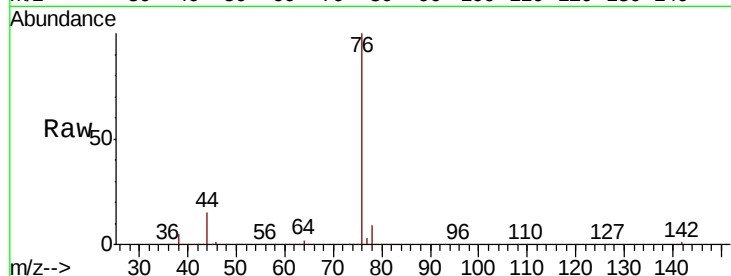




#17
Carbon Disulfide
Concen: 49.298 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

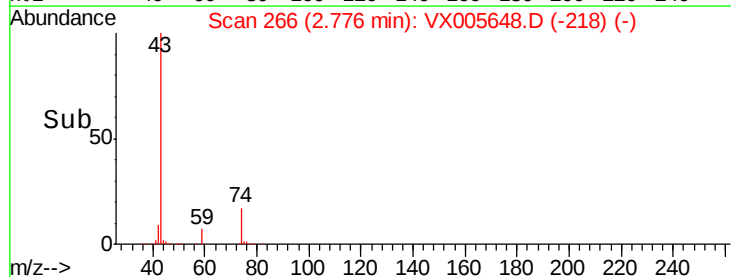
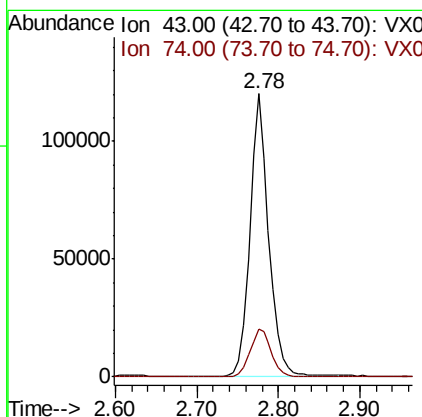
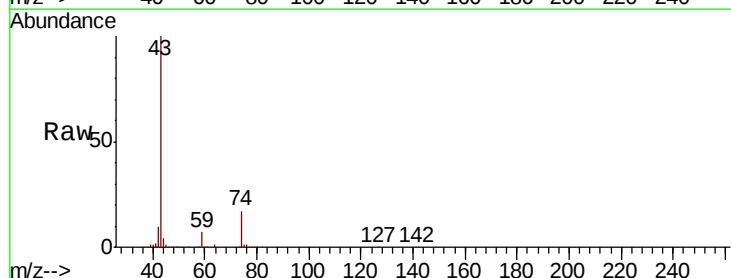
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

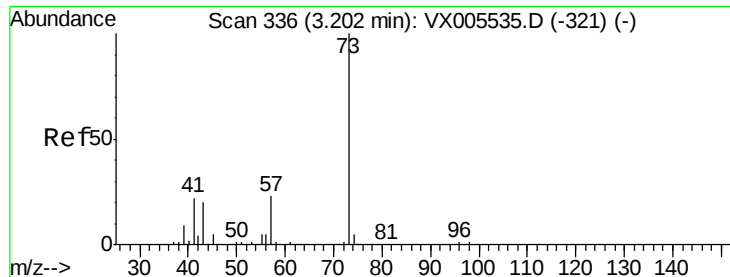
Tot Ion: 76 Resp: 310310
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 54.970 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion: 43 Resp: 192177
Ion Ratio Lower Upper
43 100
74 19.4 16.8 25.2

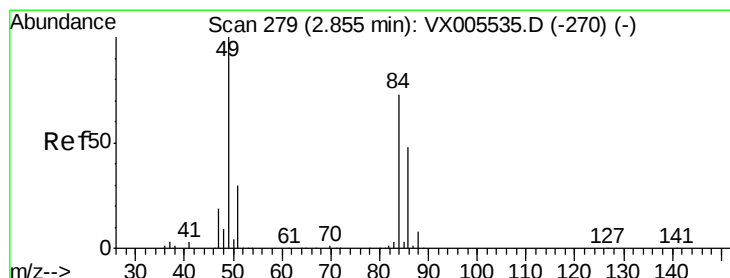
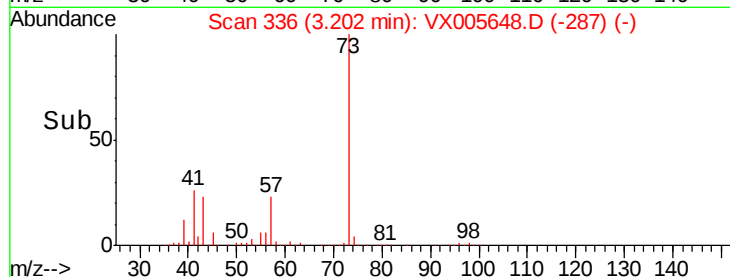
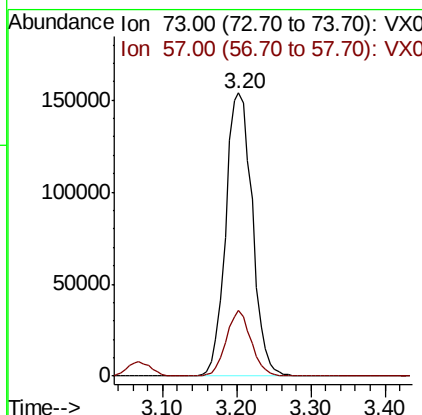
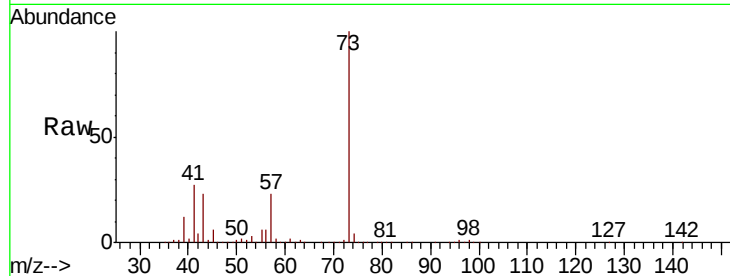




#19
Methyl tert-butyl Ether
Concen: 52.051 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

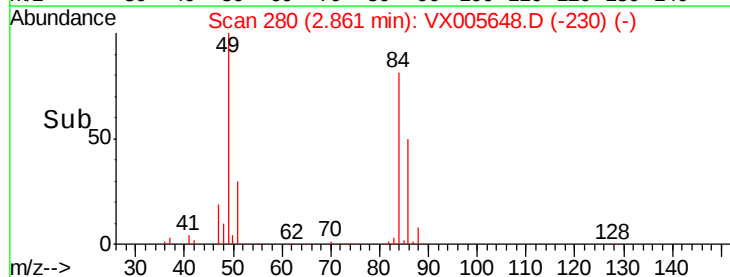
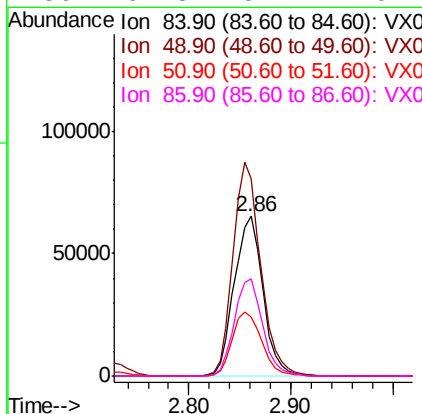
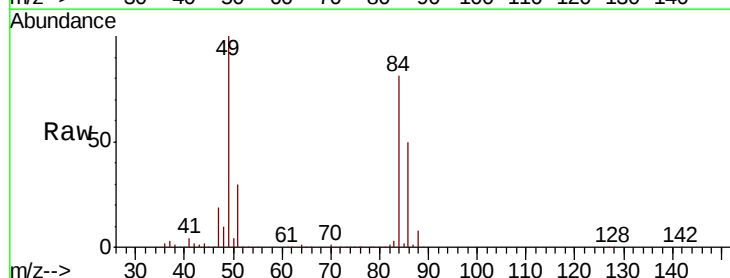
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

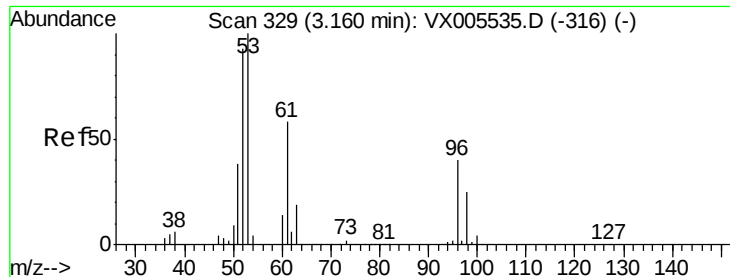
Tot Ion: 73 Resp: 383405
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2



#20
Methylene Chloride
Concen: 53.323 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion: 84 Resp: 126719
Ion Ratio Lower Upper
84 100
49 123.4 109.5 164.3
51 36.8 33.3 49.9
86 61.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 47.735 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

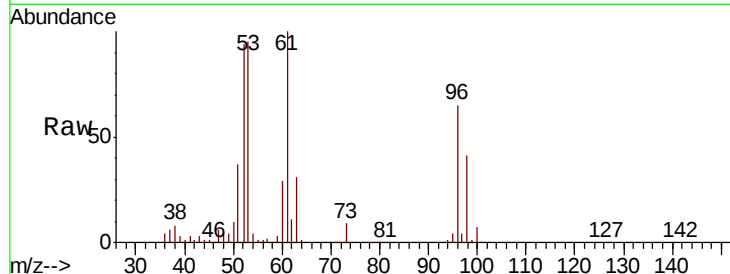
Tot Ion: 96 Resp: 107624

Ion Ratio Lower Upper

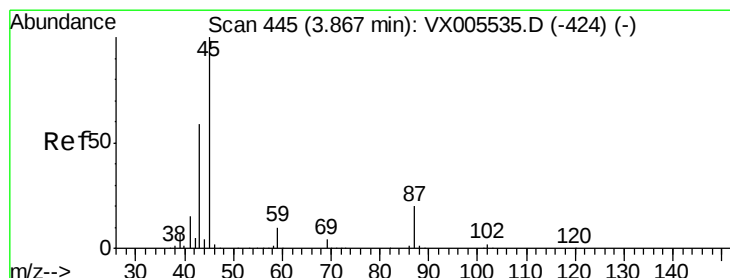
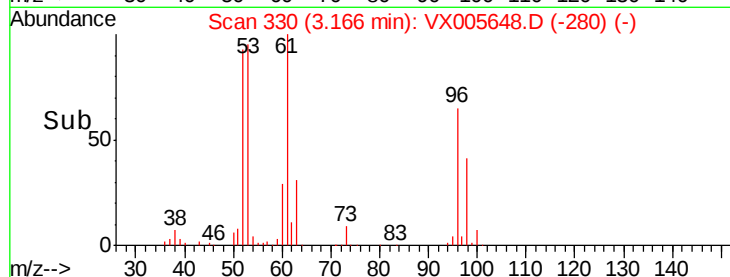
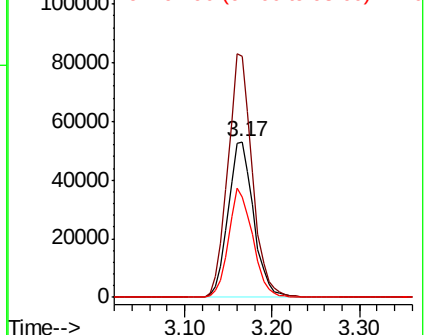
96 100

61 154.5 115.6 173.4

98 64.0 50.2 75.2



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



#22

Diisopropyl ether

Concen: 51.441 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Tgt Ion: 45 Resp: 413987

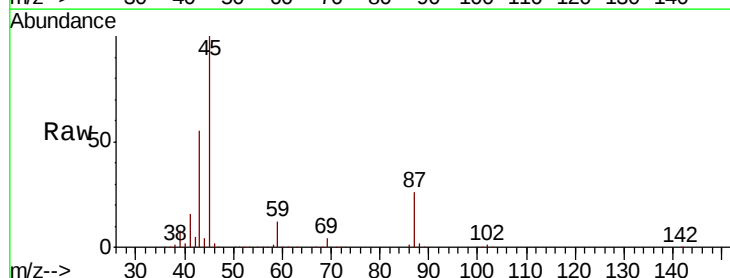
Ion Ratio Lower Upper

45 100

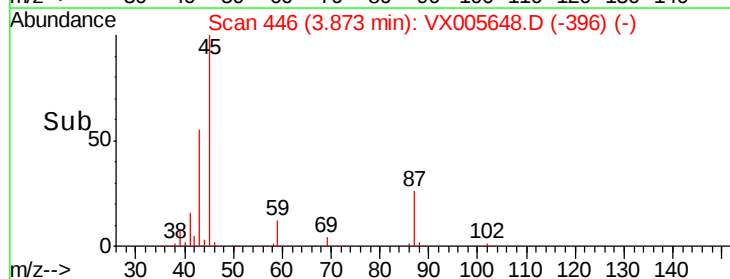
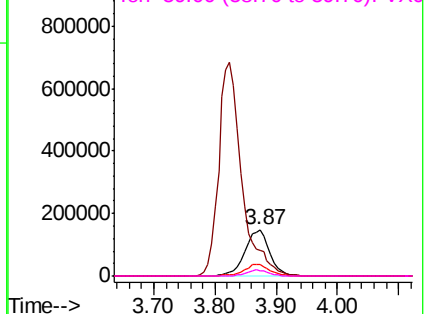
43 55.1 47.4 71.2

87 25.8 15.9 23.9#

59 11.8 7.7 11.5#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

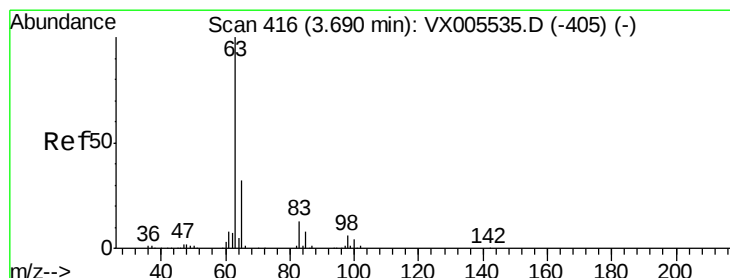
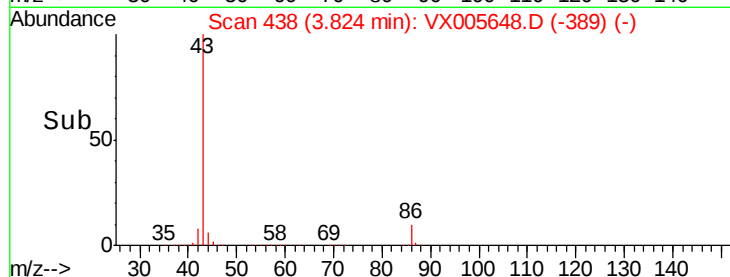
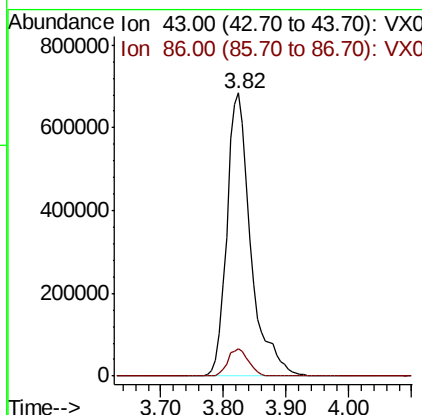
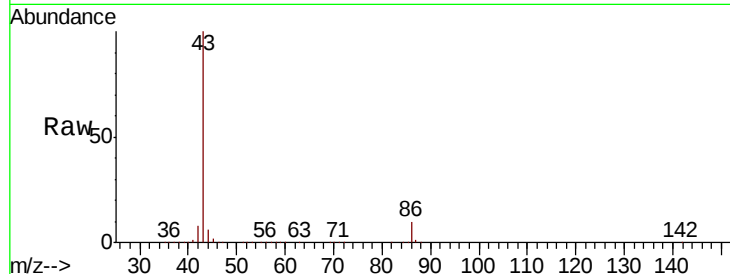




#23
 Vinyl Acetate
 Concen: 253.858 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

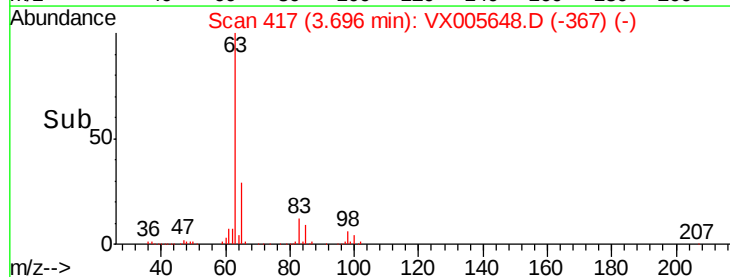
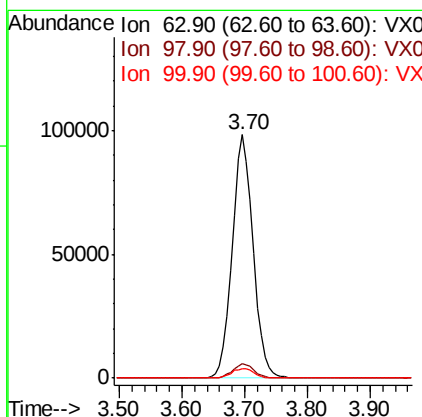
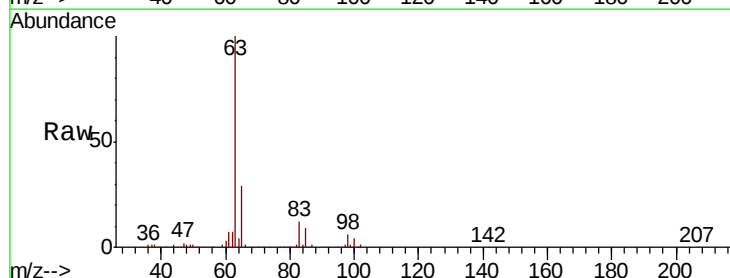
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025MSD

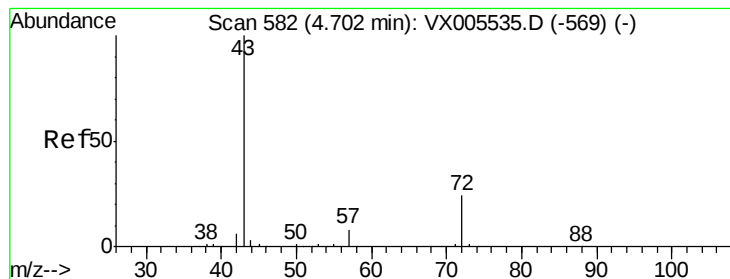
Tot Ion: 43 Resp: 1799286
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 51.507 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

Tgt Ion: 63 Resp: 225367
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.2 9.6
 100 3.6 2.1 6.2





#25

2-Butanone

Concen: 262.312 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

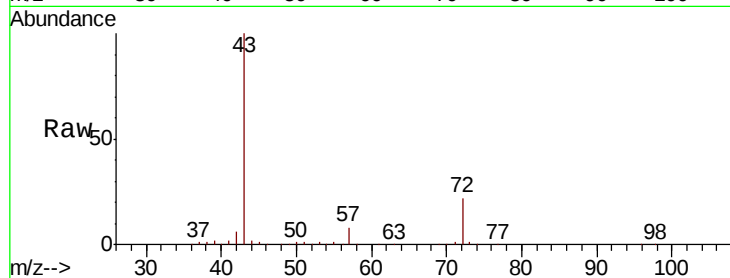
FT-PZ459I-20181025MSD

Tot Ion: 43 Resp: 566786

Ion Ratio Lower Upper

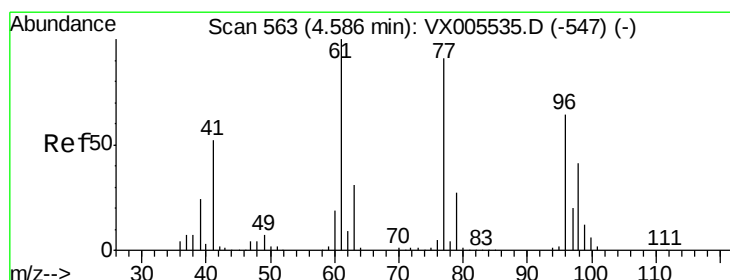
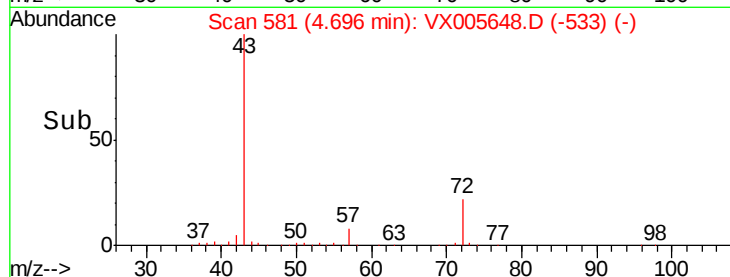
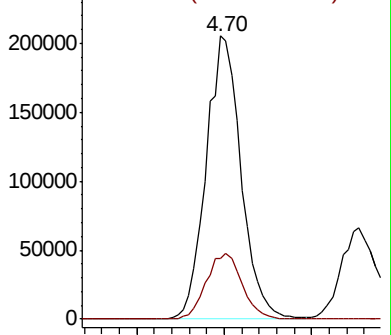
43 100

72 21.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 29.314 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX005648.D

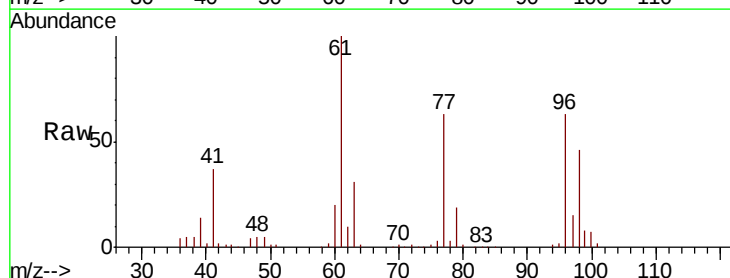
Acq: 27 Oct 2018 11:20

Tgt Ion: 77 Resp: 99024

Ion Ratio Lower Upper

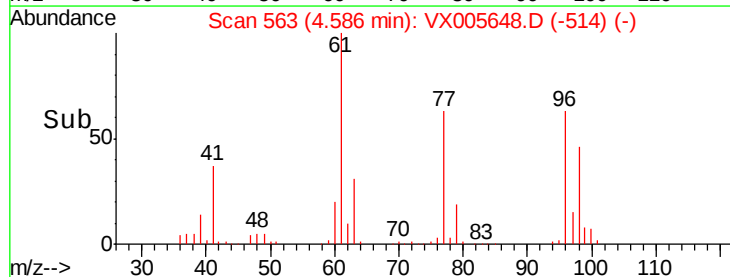
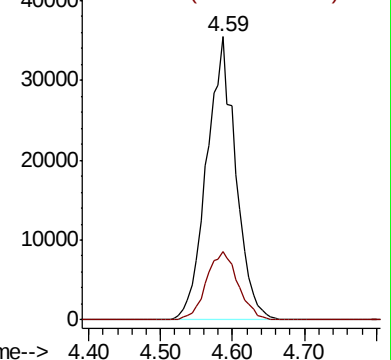
77 100

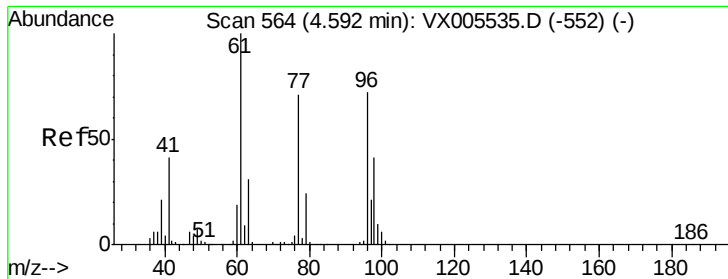
97 26.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



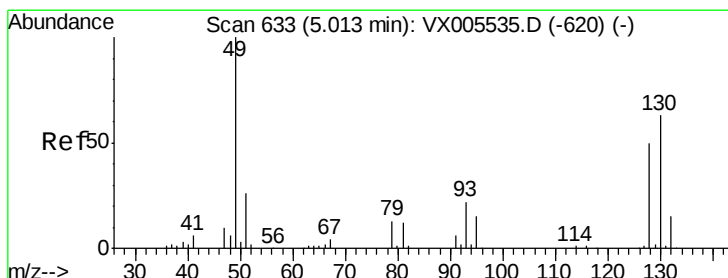
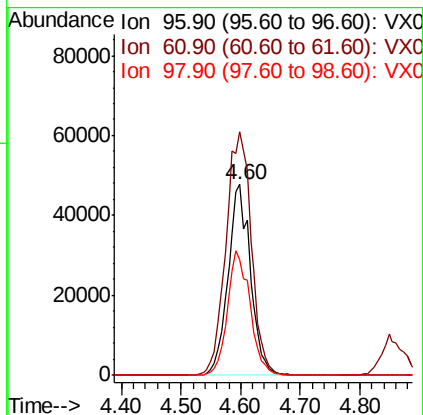
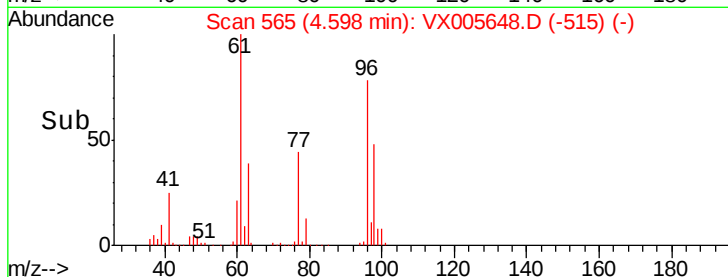
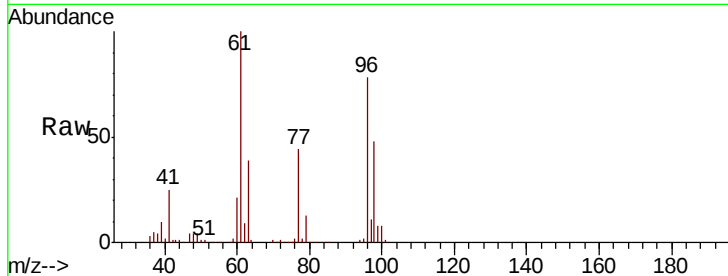


#27

cis-1,2-Dichloroethene
Concen: 51.098 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

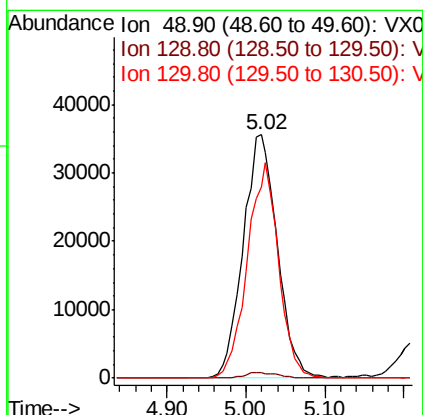
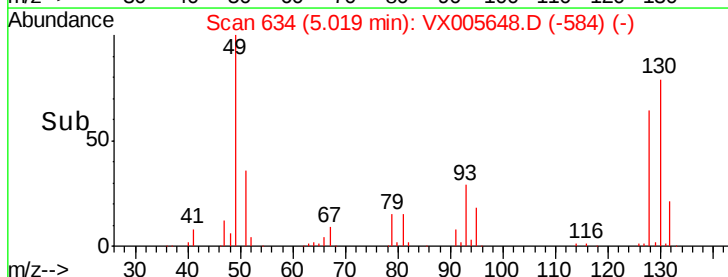
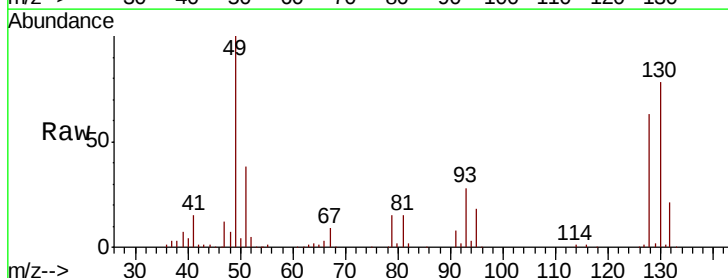
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	304.6
98	66.3	0.0	127.4

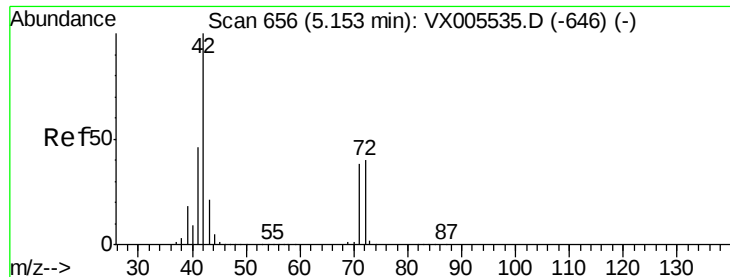


#28

Bromochloromethane
Concen: 50.709 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	80.3	58.9	88.3

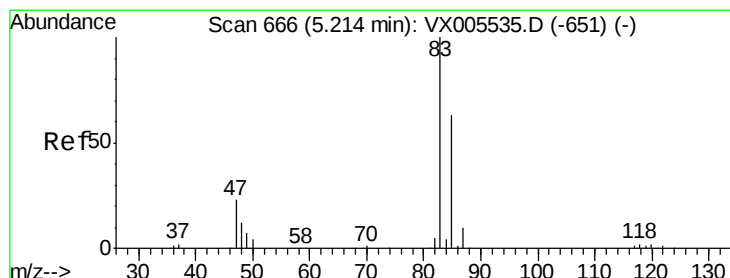
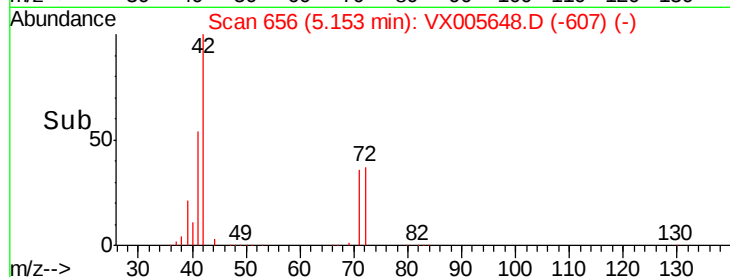
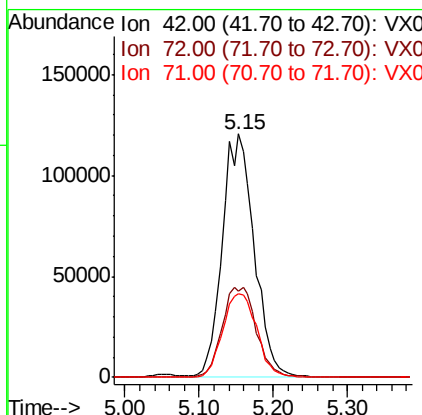
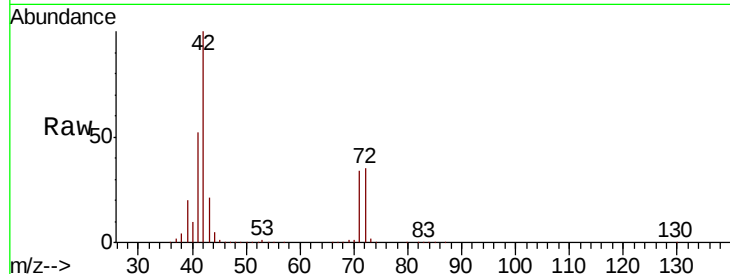




#29
Tetrahydrofuran
Concen: 255.844 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

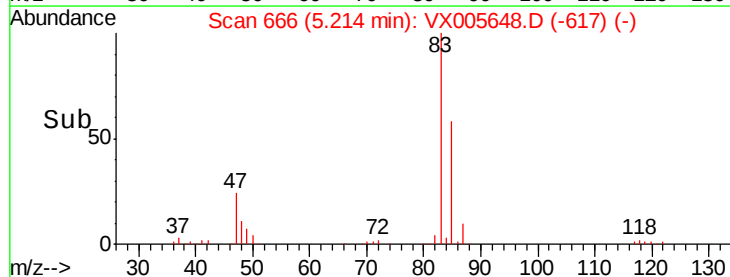
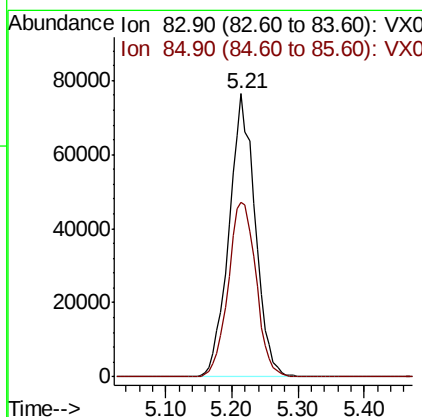
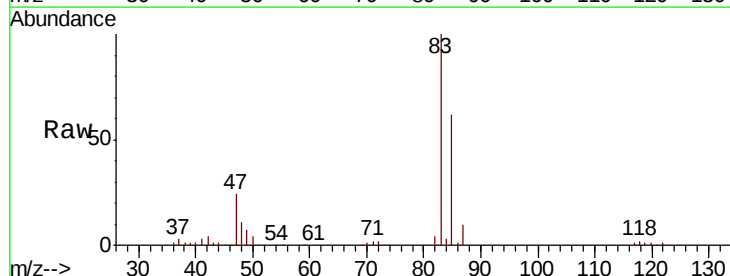
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

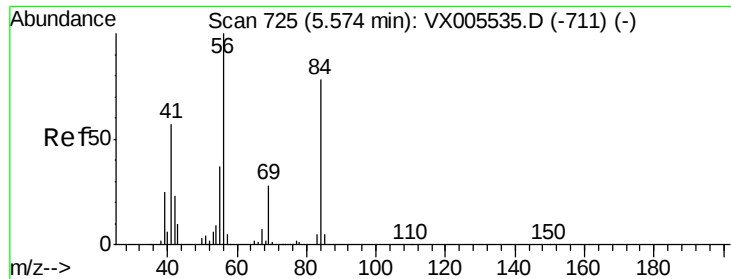
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.0	48.0
71	36.8	29.8	44.8



#30
Chloroform
Concen: 51.008 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.6	76.0

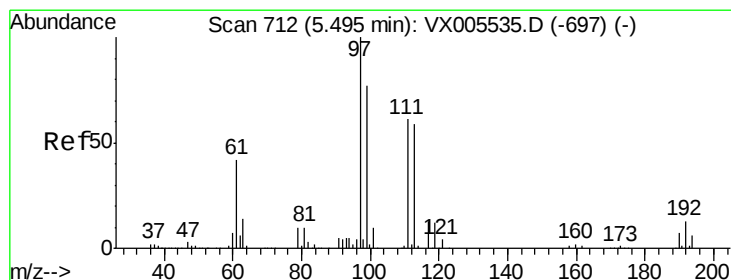
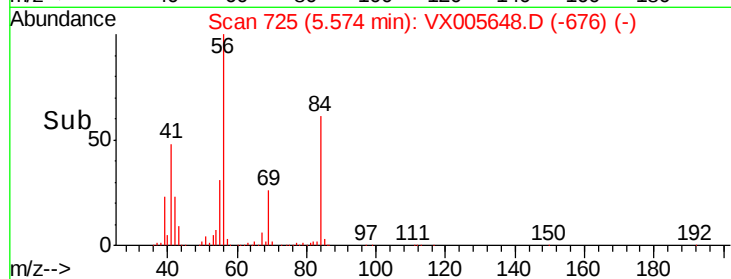
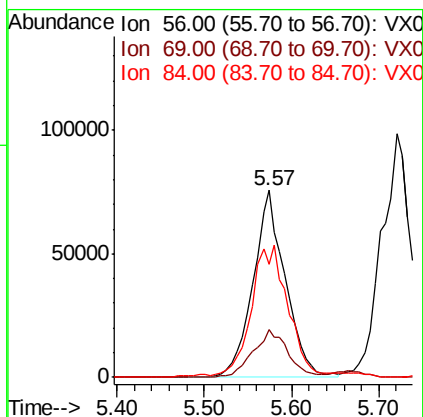
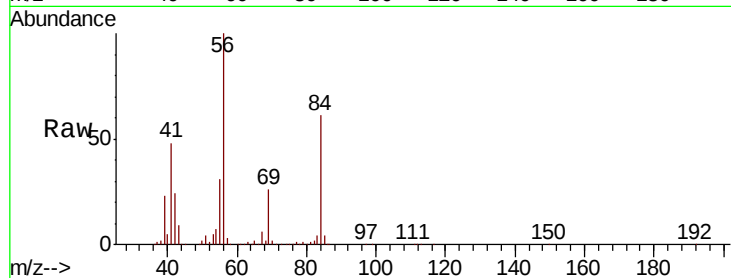




#31
Cyclohexane
Concen: 53.653 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

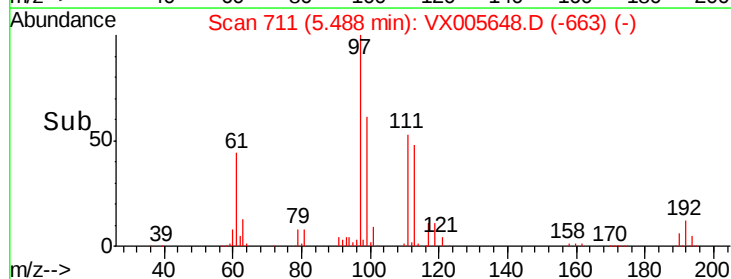
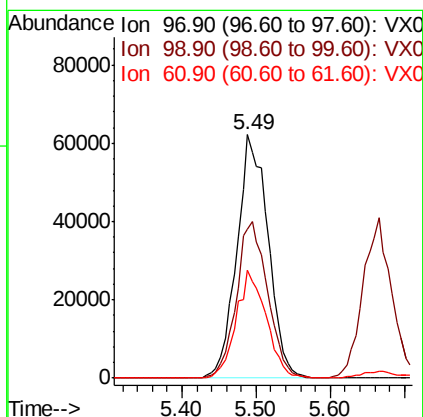
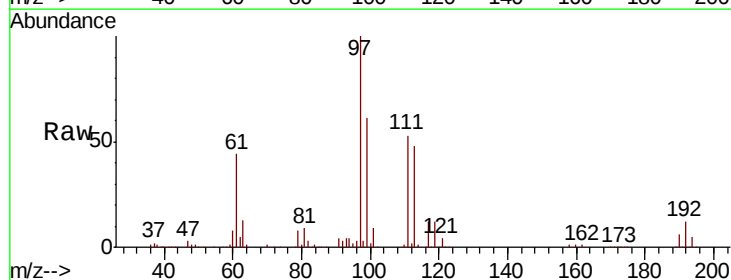
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

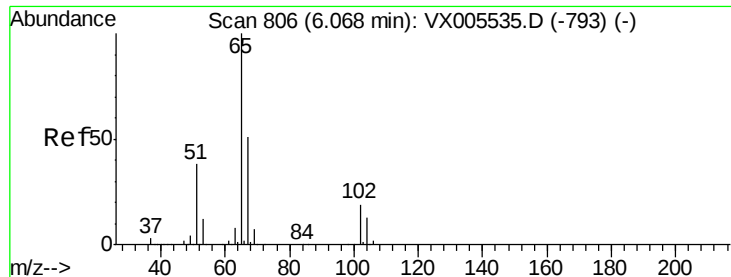
Tot Ion	Ratio	Lower	Upper
56	100		
69	25.5	22.6	34.0
84	59.5	62.7	94.1#



#32
1,1,1-Trichloroethane
Concen: 50.749 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.3	78.5
61	42.7	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 50.050 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

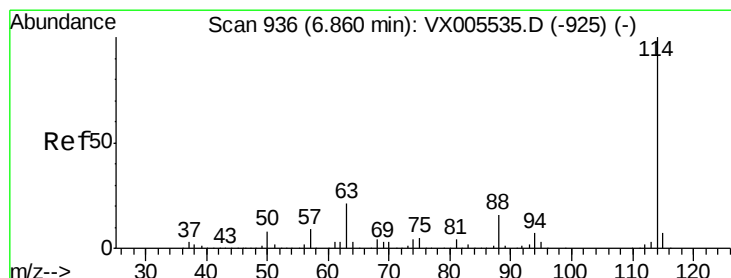
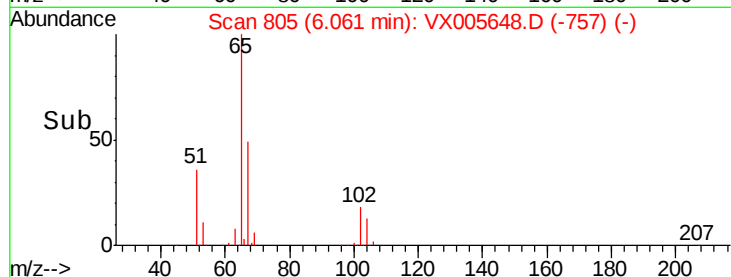
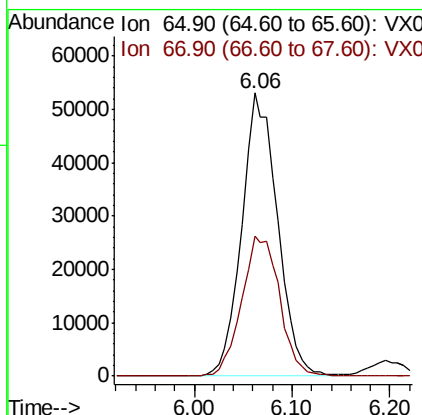
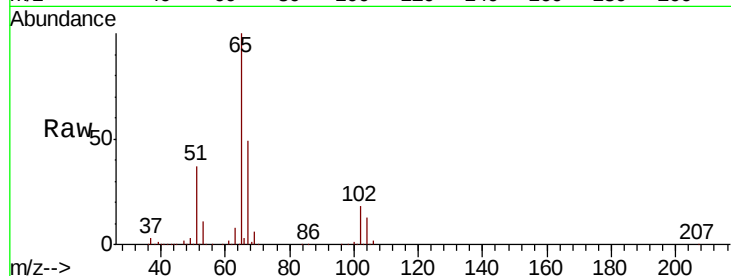
Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

Tot Ion: 65 Resp: 134397

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

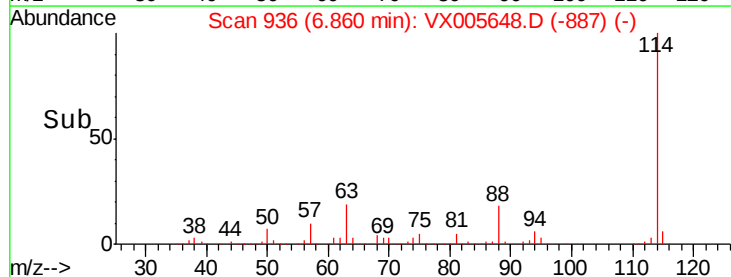
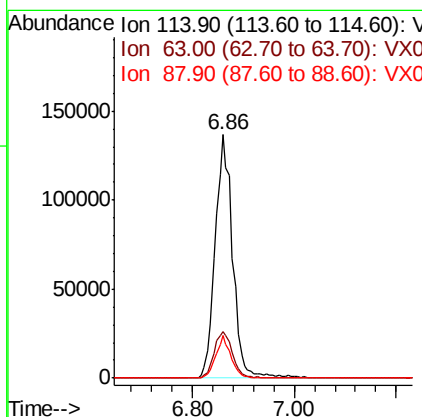
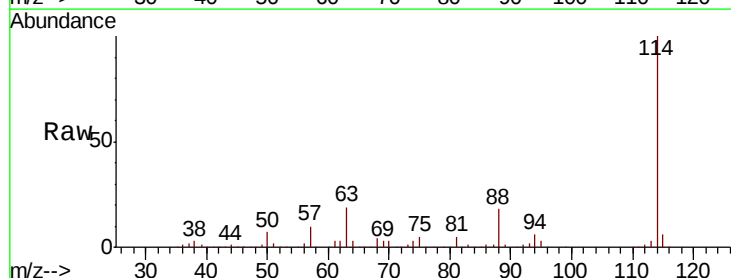
Delta R.T. -0.00 min

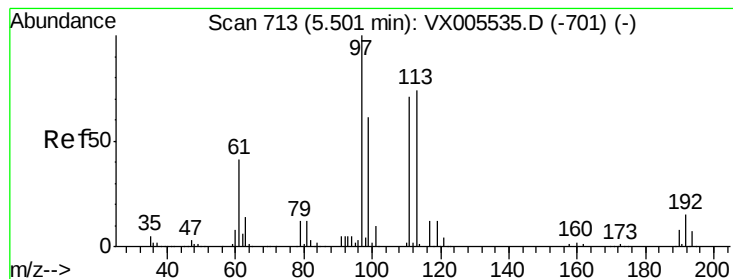
Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Tgt Ion: 114 Resp: 328019

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	42.8
88	17.7	0.0	31.2





#35

Dibromofluoromethane

Concen: 50.779 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

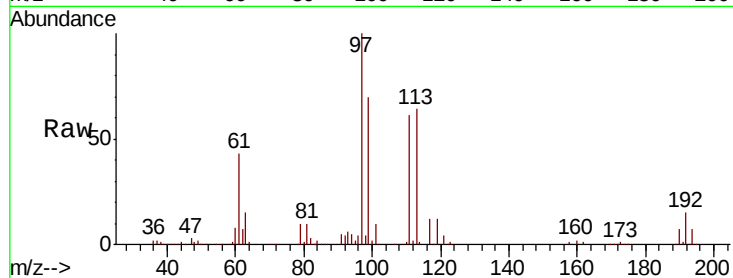
Tot Ion:113 Resp: 112783

Ion Ratio Lower Upper

113 100

111 100.4 82.3 123.5

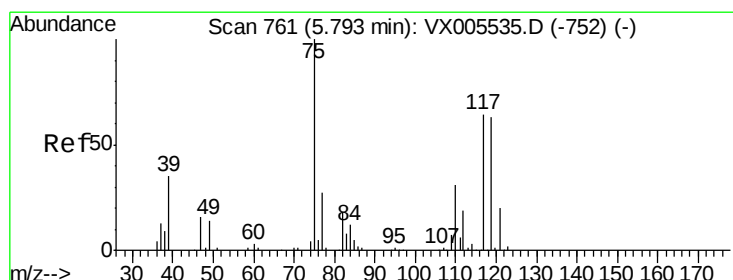
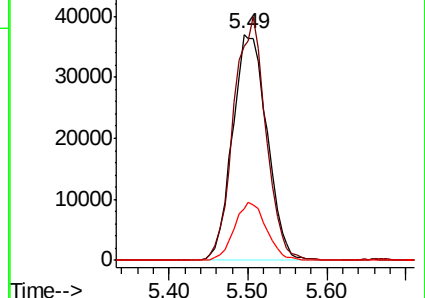
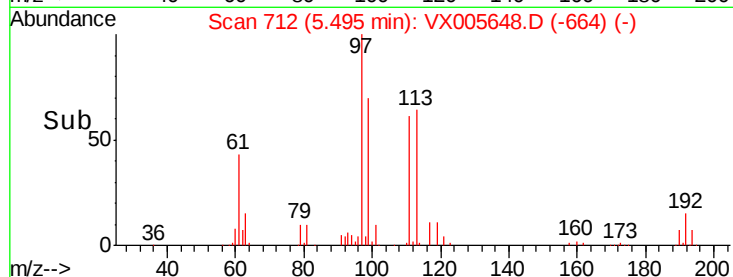
192 23.9 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.059 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

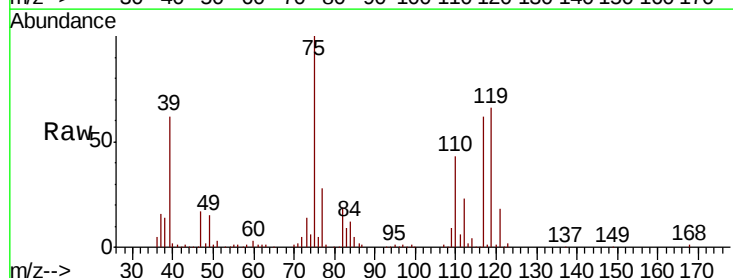
Tgt Ion: 75 Resp: 156169

Ion Ratio Lower Upper

75 100

110 38.1 17.4 52.2

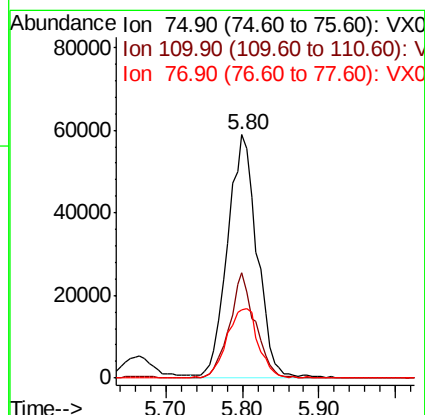
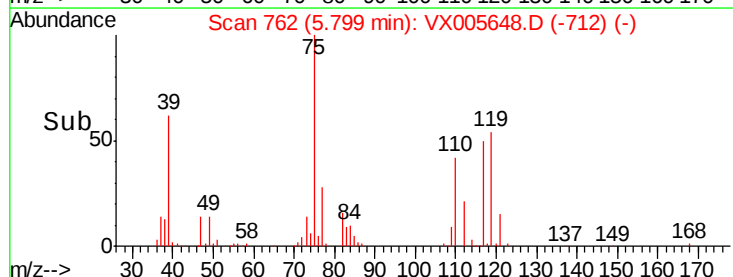
77 30.6 25.8 38.6

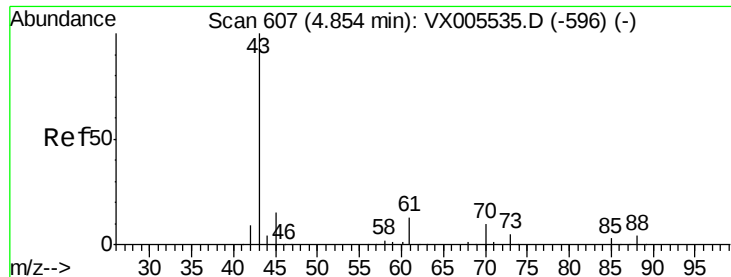


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

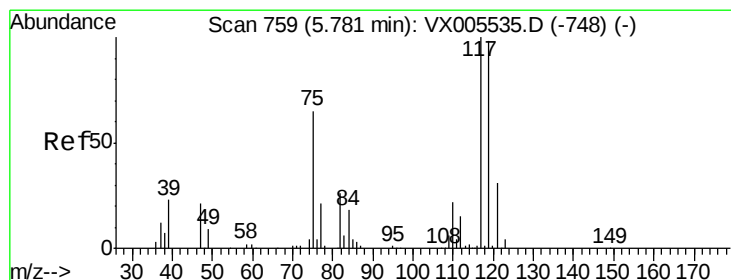
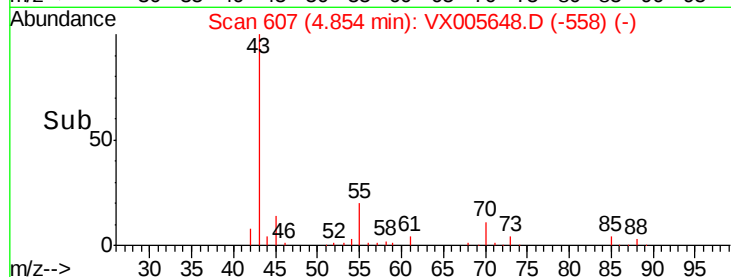
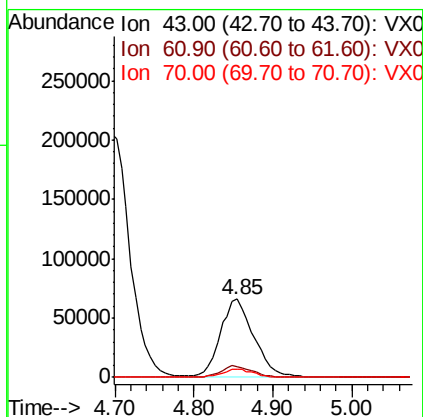
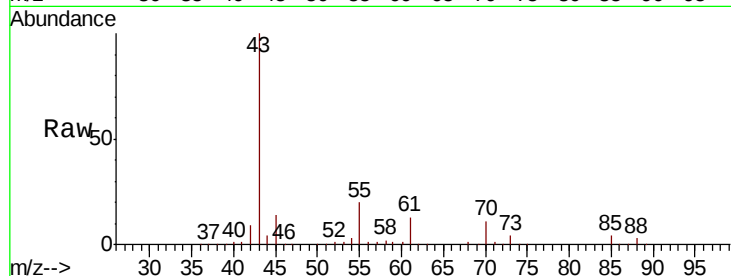




#37
Ethyl Acetate
Concen: 47.320 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

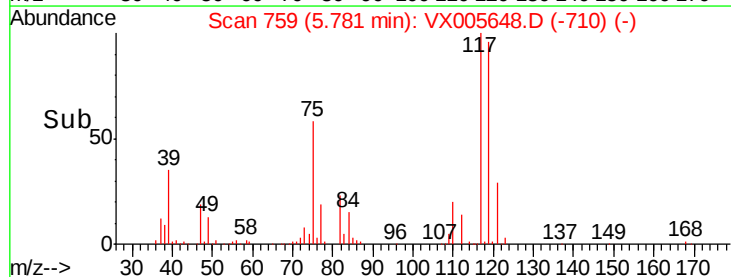
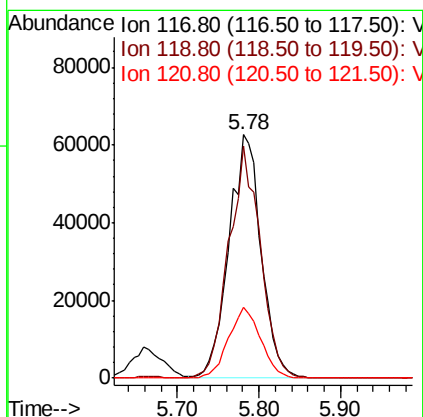
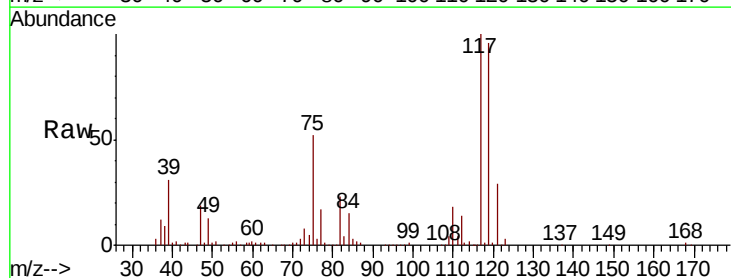
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

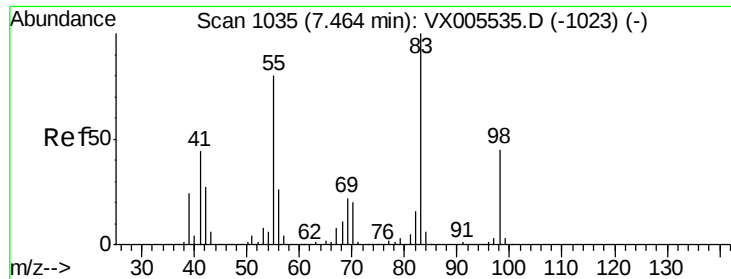
Tot Ion: 43 Resp: 192222
Ion Ratio Lower Upper
43 100
61 13.6 10.8 16.2
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.787 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion: 117 Resp: 170275
Ion Ratio Lower Upper
117 100
119 95.5 78.1 117.1
121 29.1 24.6 36.8

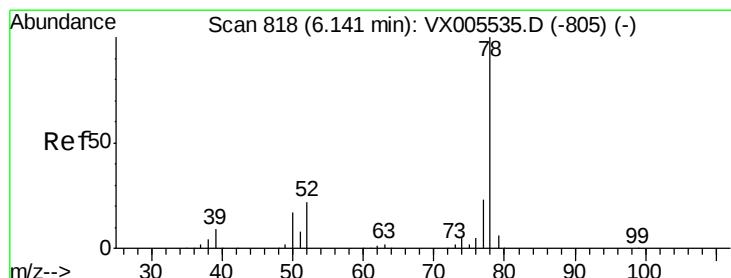
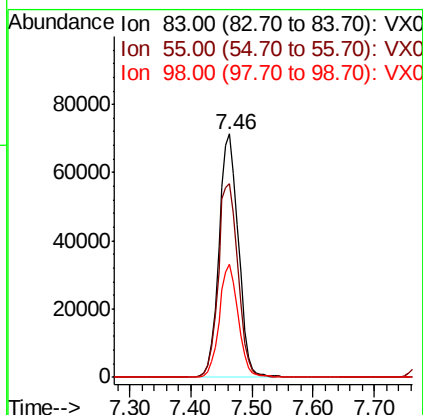
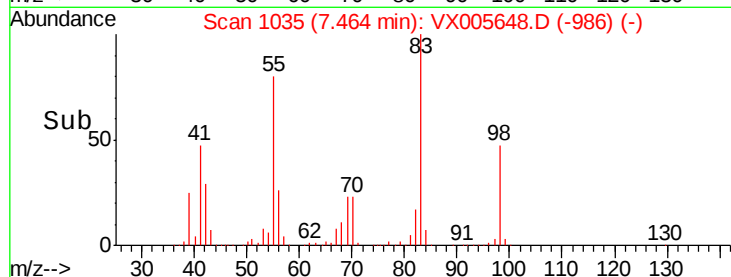
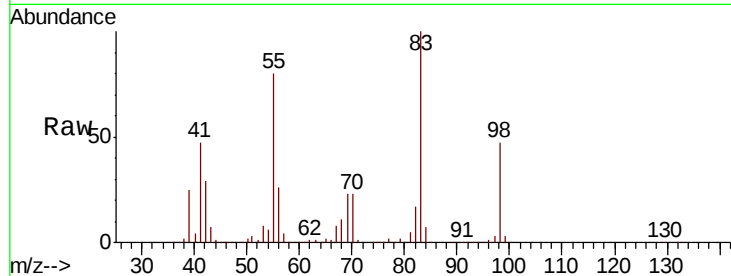




#39
Methvlcvclohexane
Concen: 45.050 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

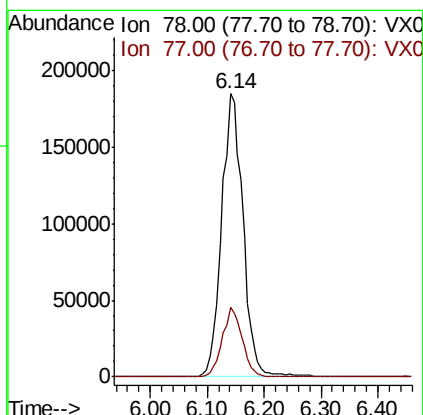
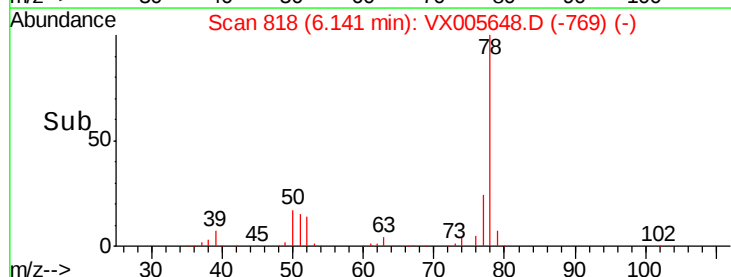
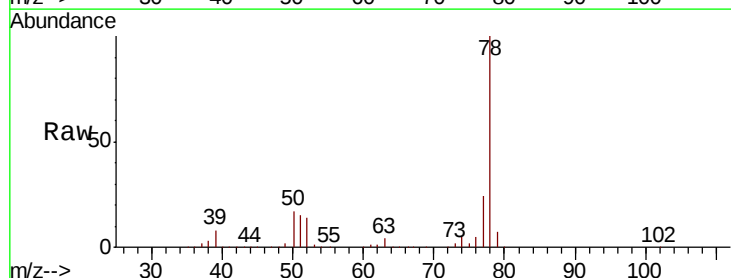
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

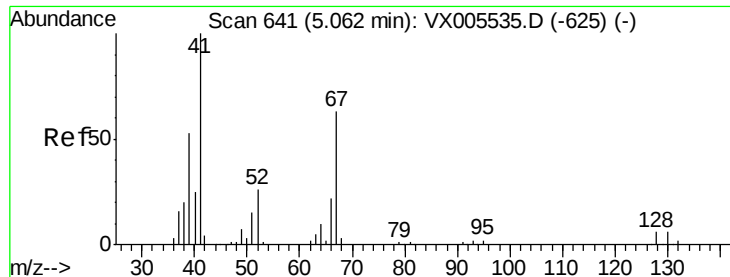
Tot Ion: 83 Resp: 158356
Ion Ratio Lower Upper
83 100
55 79.6 63.7 95.5
98 46.6 36.2 54.2



#40
Benzene
Concen: 52.940 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion: 78 Resp: 483094
Ion Ratio Lower Upper
78 100
77 24.4 18.4 27.6

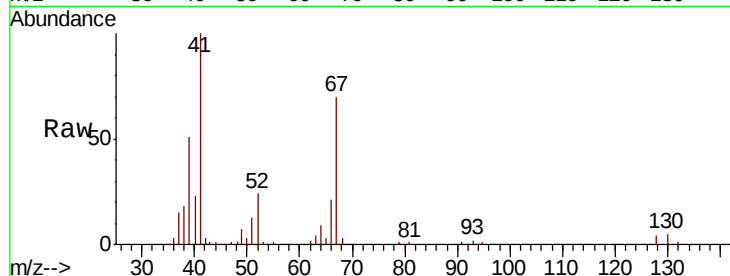




#41
Methacrylonitrile
Concen: 50.999 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

Tot Ion:	41	Resp:	115398
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.2	63.2
67	68.9	53.4	80.0
52	27.5	23.4	35.2



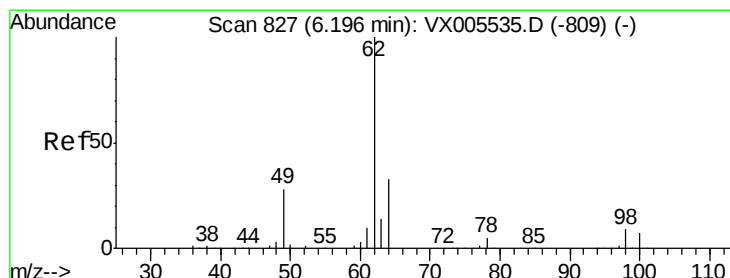
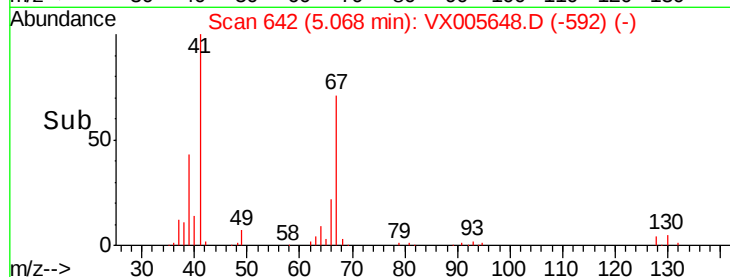
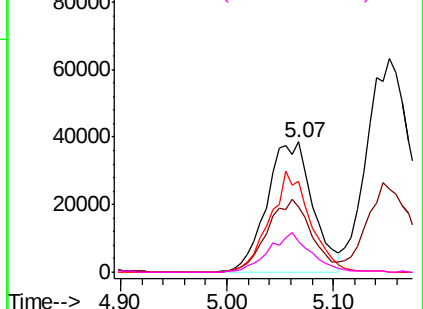
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

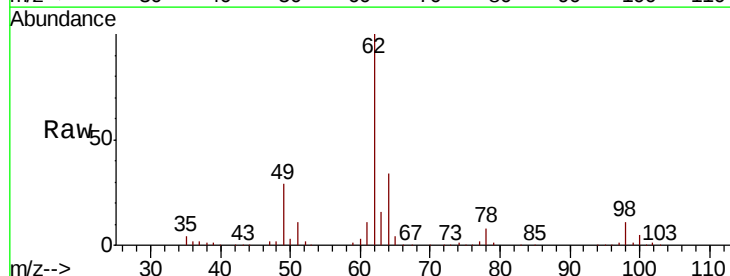
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.562 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

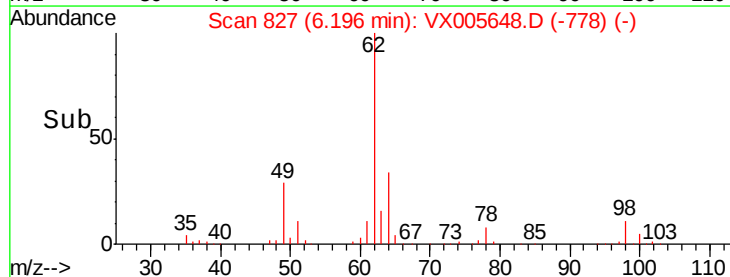
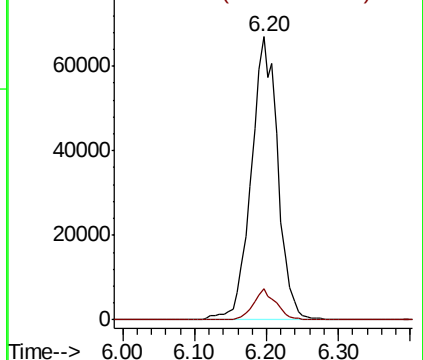
Tgt Ion:	62	Resp:	171808
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8

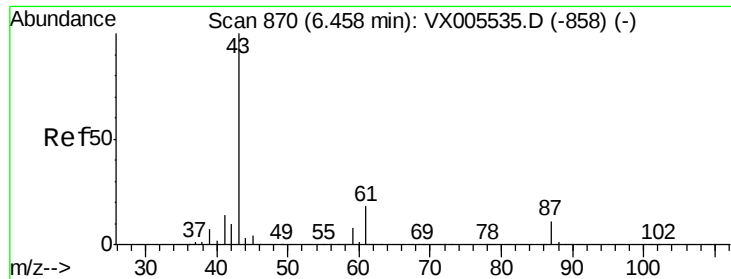


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.642 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

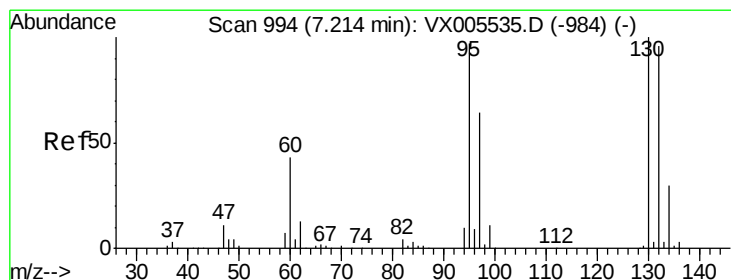
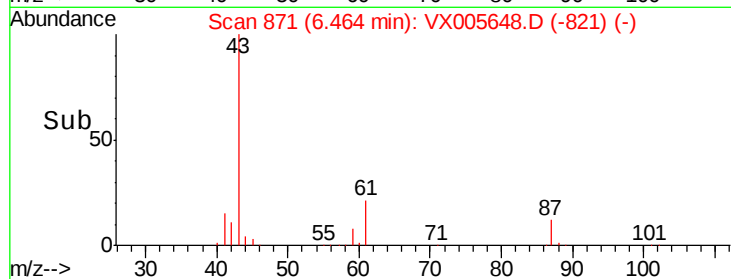
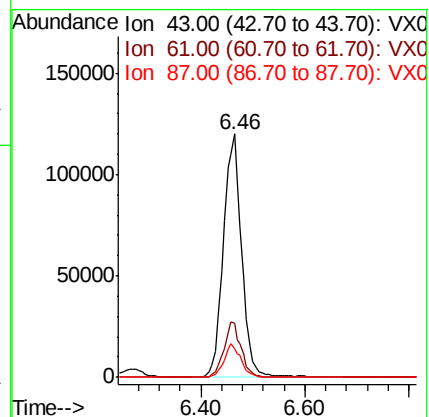
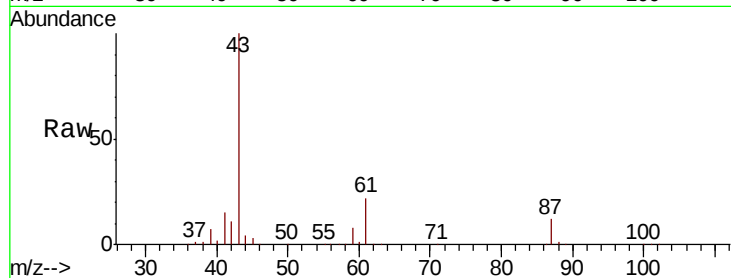
Tot Ion: 43 Resp: 296091

Ion Ratio Lower Upper

43 100

61 21.3 14.6 22.0

87 12.6 9.6 14.4



#44

Trichloroethene

Concen: 49.545 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005648.D

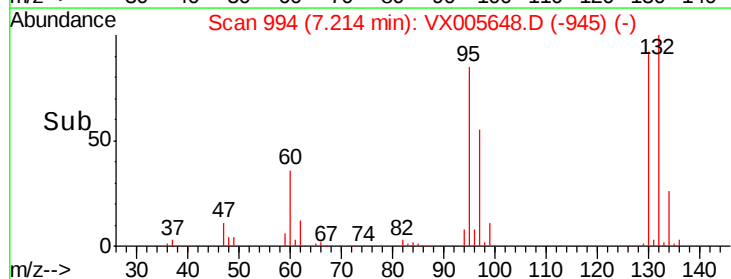
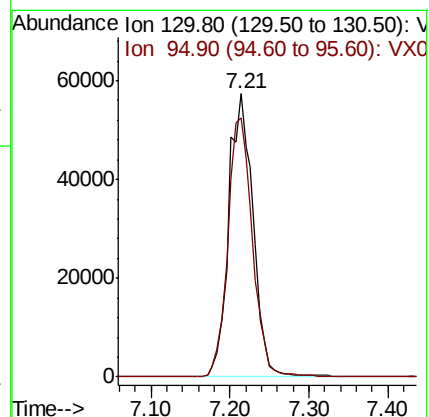
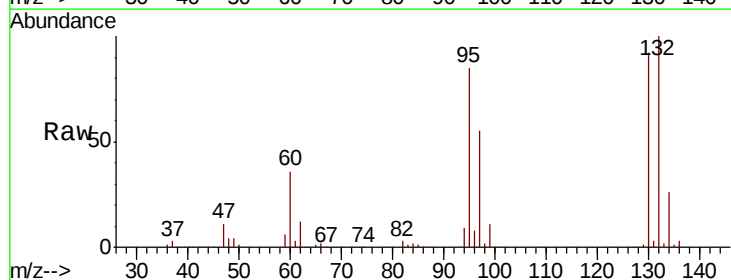
Acq: 27 Oct 2018 11:20

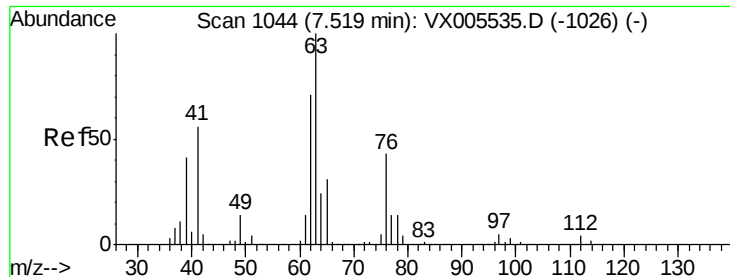
Tgt Ion:130 Resp: 123165

Ion Ratio Lower Upper

130 100

95 91.5 0.0 194.2





#45

1,2-Dichloropropane

Concen: 47.203 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

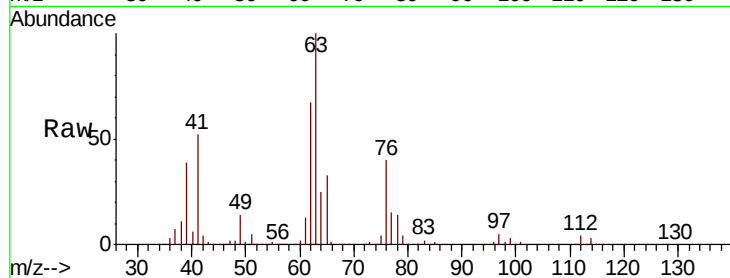
FT-PZ459I-20181025MSD

Tot Ion: 63 Resp: 115804

Ion Ratio Lower Upper

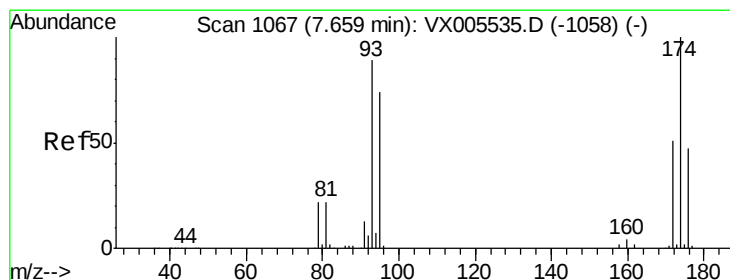
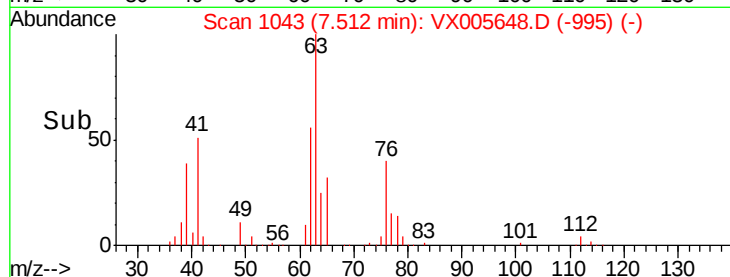
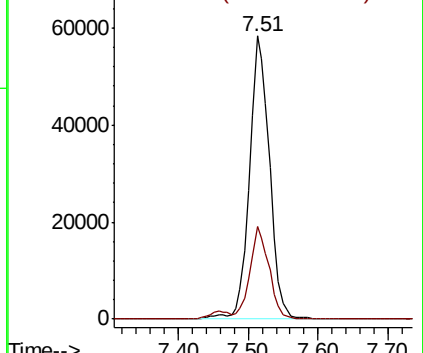
63 100

65 32.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.056 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

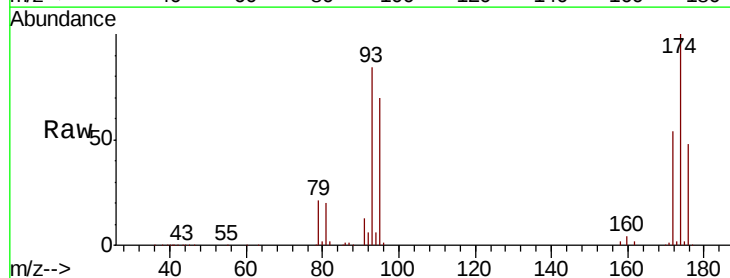
Tgt Ion: 93 Resp: 72977

Ion Ratio Lower Upper

93 100

95 84.1 67.4 101.0

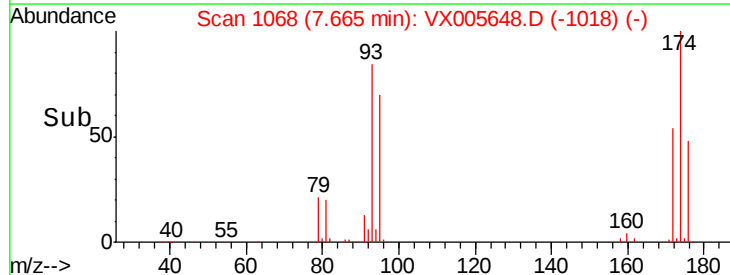
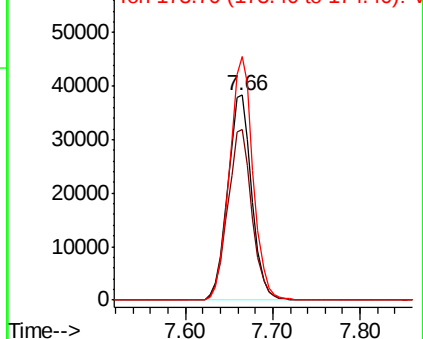
174 117.3 91.5 137.3

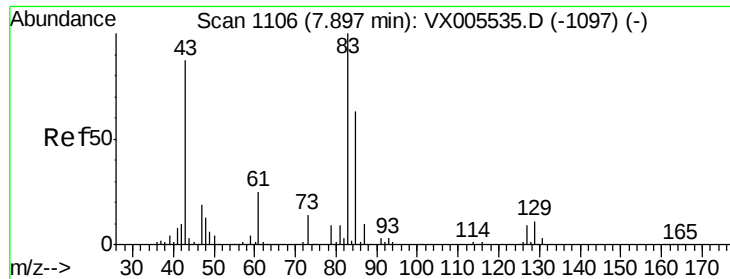


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.014 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

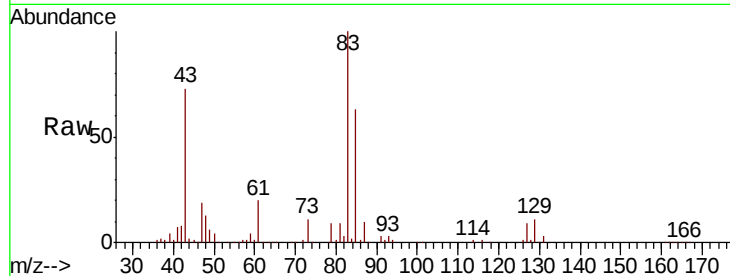
Tot Ion: 83 Resp: 144583

Ion Ratio Lower Upper

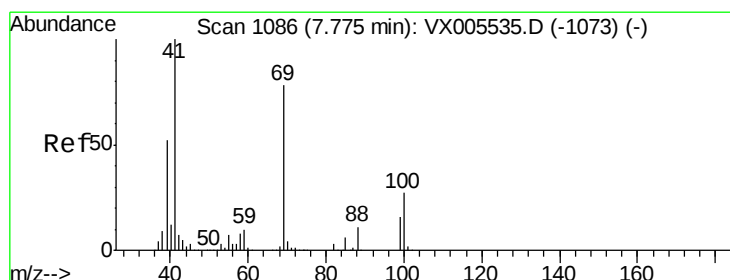
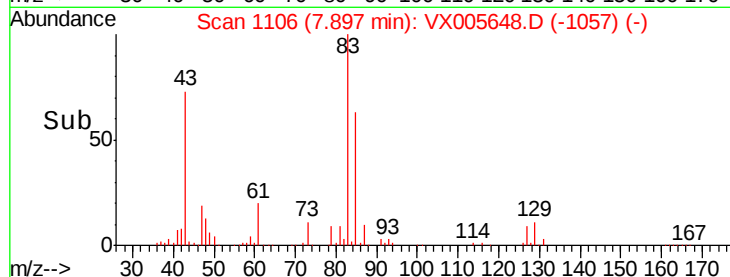
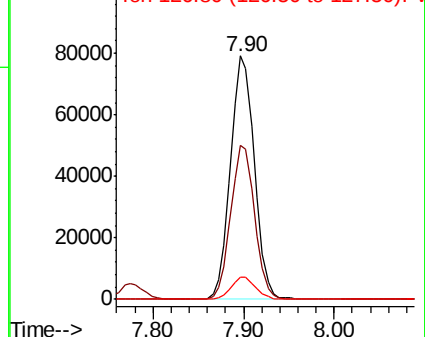
83 100

85 63.3 50.2 75.4

127 8.9 6.9 10.3



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



#48

Methyl methacrylate

Concen: 48.643 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

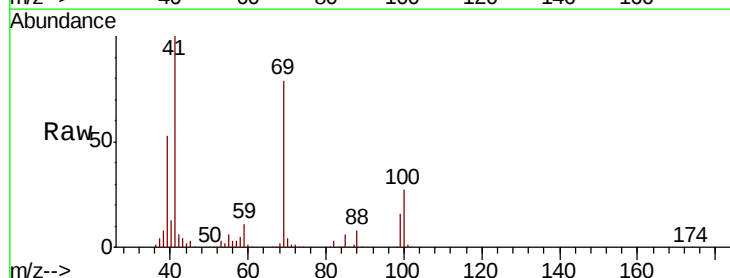
Tgt Ion: 41 Resp: 144249

Ion Ratio Lower Upper

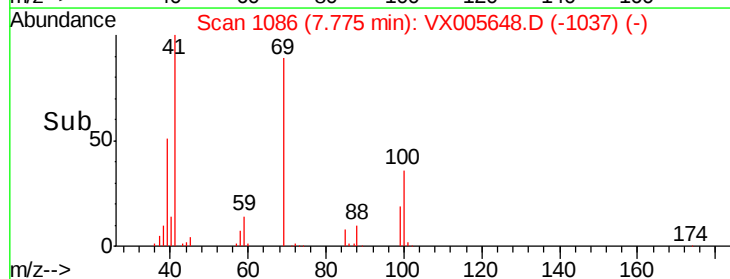
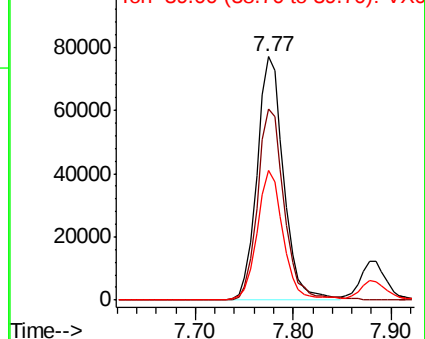
41 100

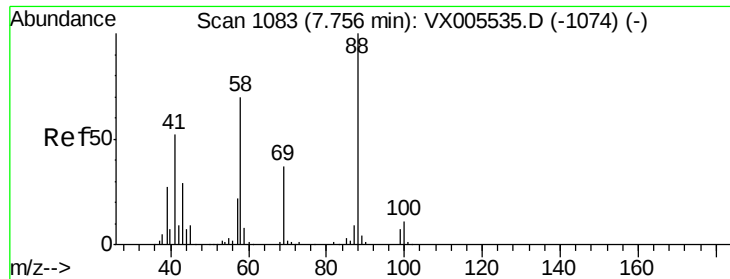
69 79.6 63.2 94.8

39 52.2 42.2 63.2



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

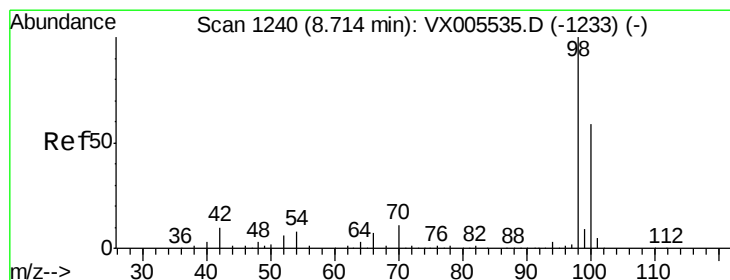
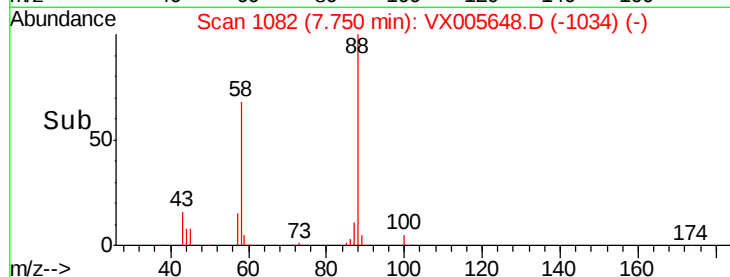
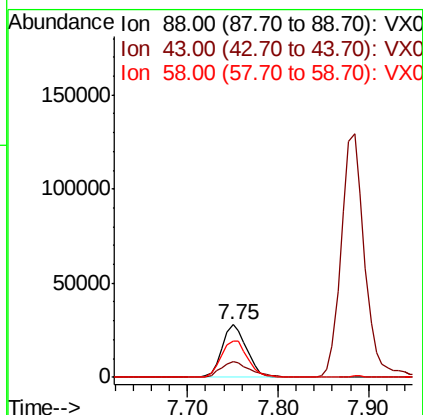
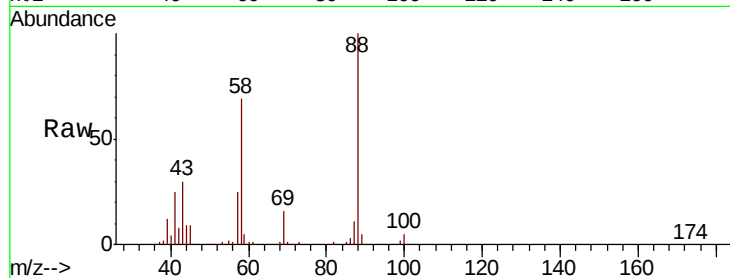




#49
1,4-Dioxane
Concen: 815.944 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

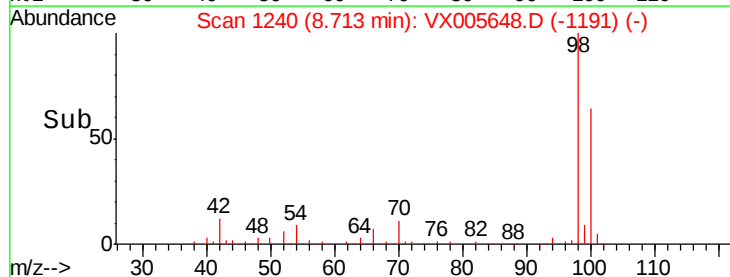
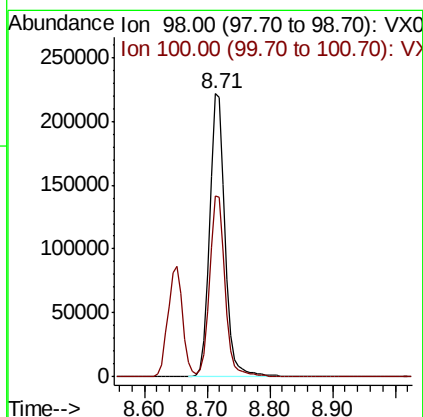
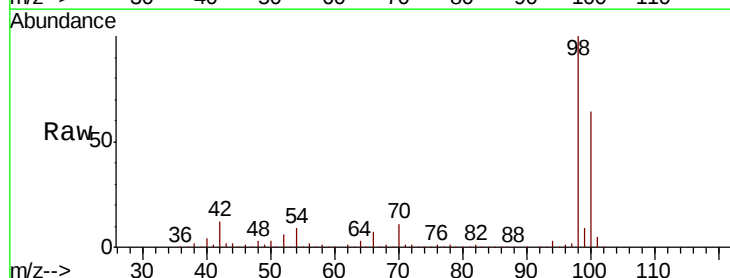
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

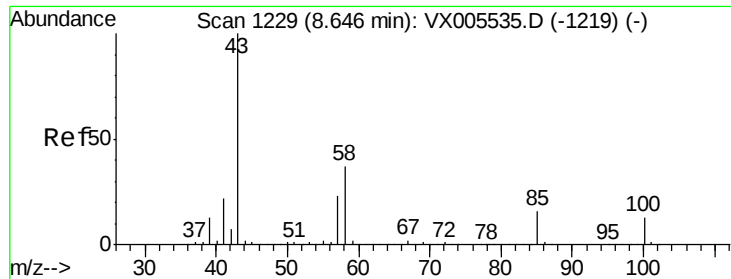
Tot Ion: 88 Resp: 52877
Ion Ratio Lower Upper
88 100
43 35.6 27.4 41.0
58 74.9 59.4 89.2



#50
Toluene-d8
Concen: 46.825 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion: 98 Resp: 373701
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 249.660 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

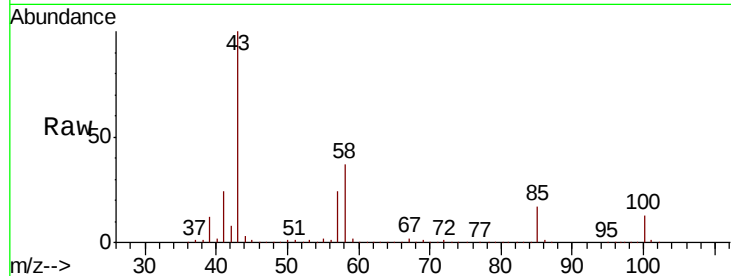
FT-PZ459I-20181025MSD

Tot Ion: 43 Resp: 1021348

Ion Ratio Lower Upper

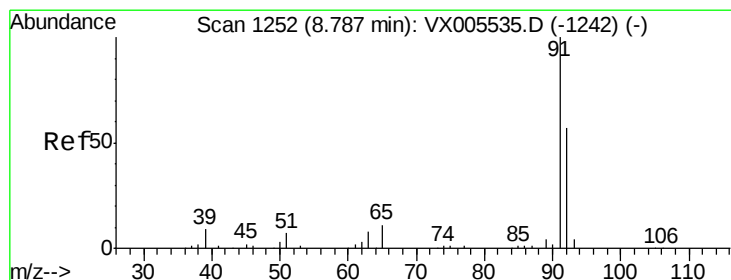
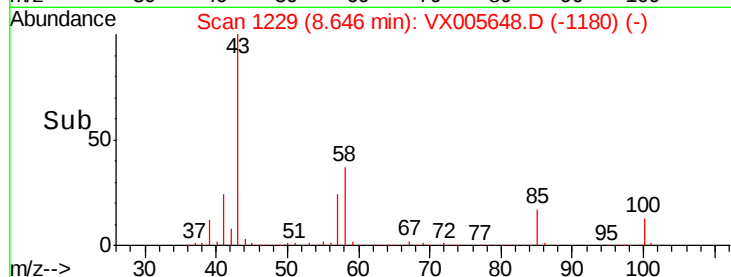
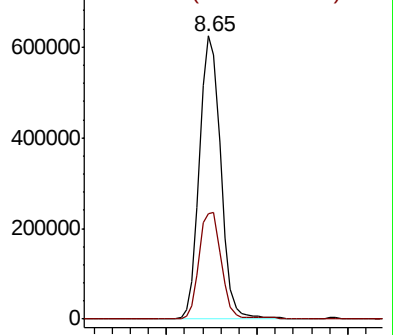
43 100

58 38.9 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.182 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005648.D

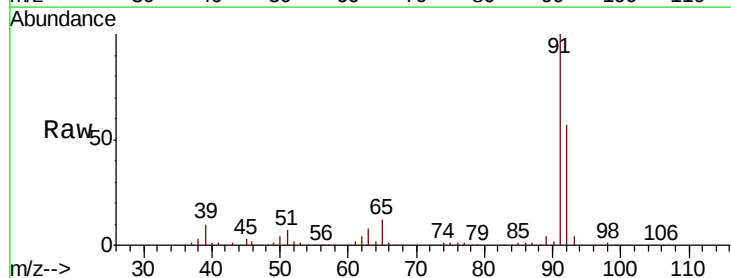
Acq: 27 Oct 2018 11:20

Tgt Ion: 92 Resp: 261664

Ion Ratio Lower Upper

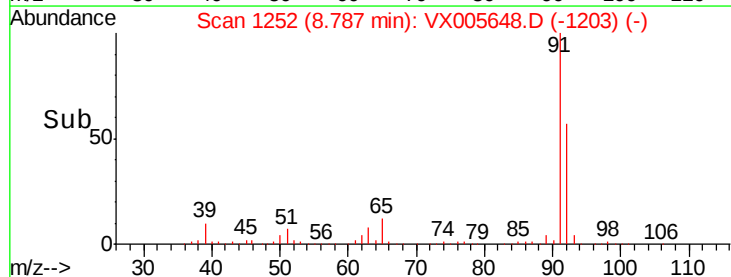
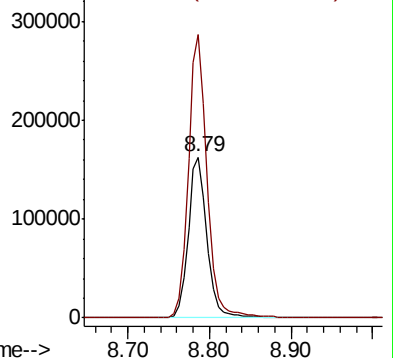
92 100

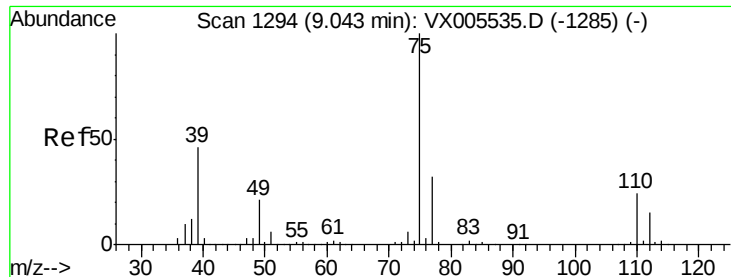
91 175.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

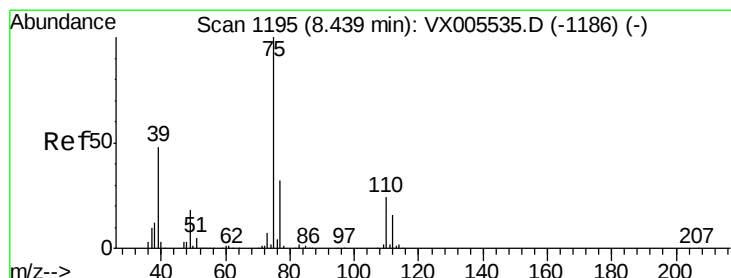
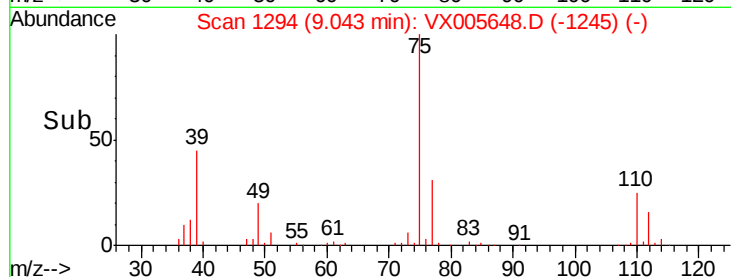
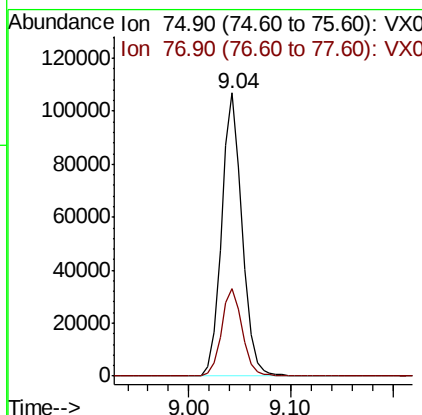
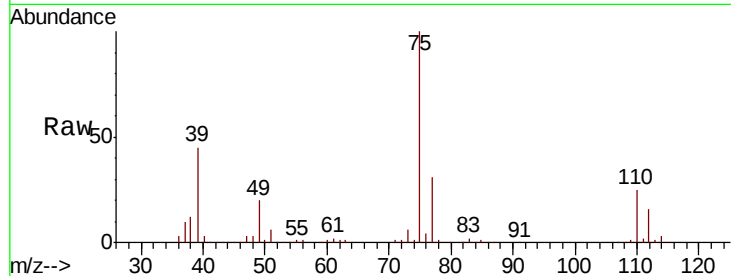




#53
 t-1,3-Dichloropropene
 Concen: 45.087 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

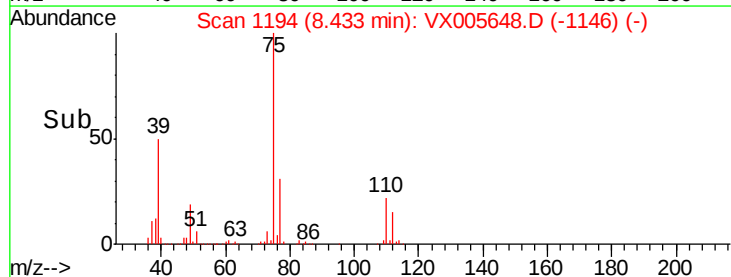
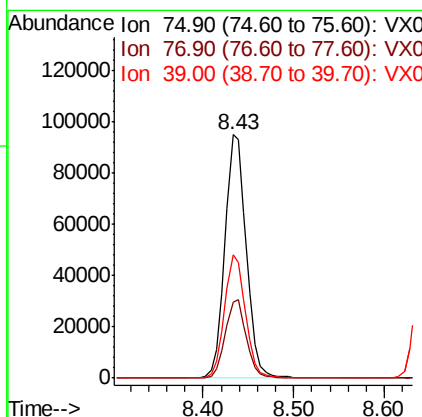
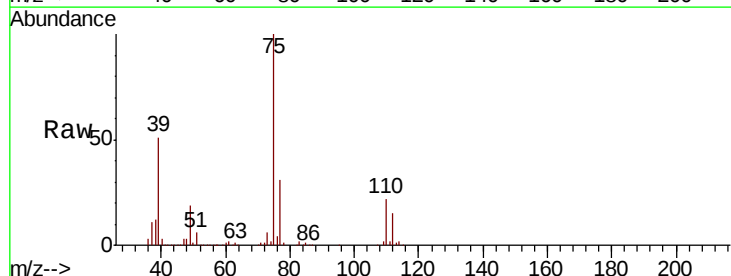
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025MSD

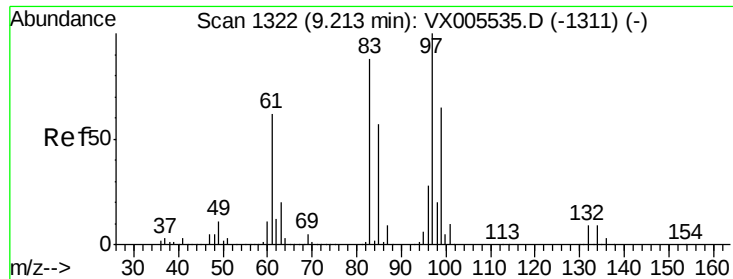
Tot Ion: 75 Resp: 149857
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 43.421 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

Tgt Ion: 75 Resp: 155378
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 50.6 38.2 57.2

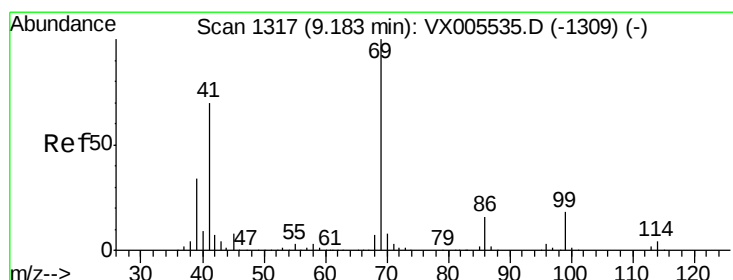
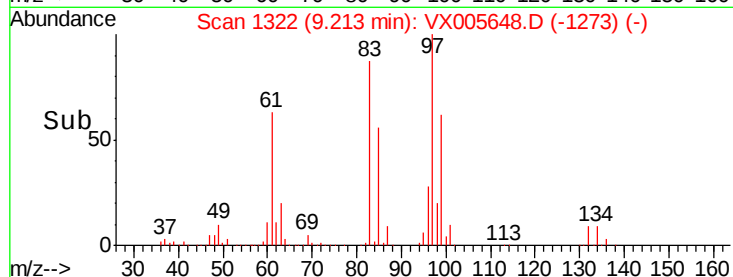
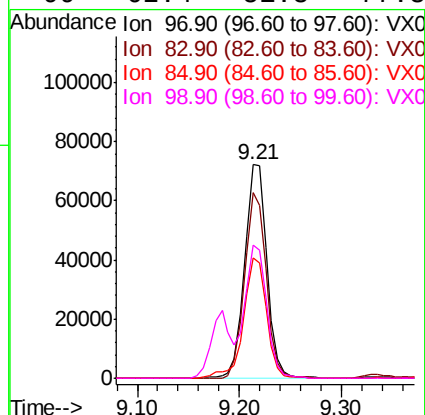
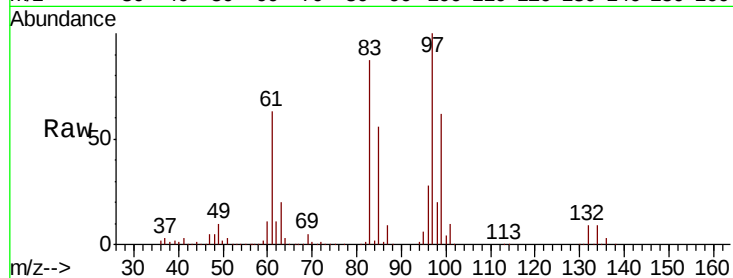




#55
1,1,2-Trichloroethane
Concen: 46.736 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

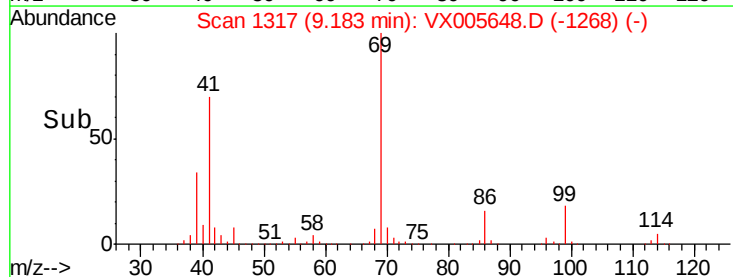
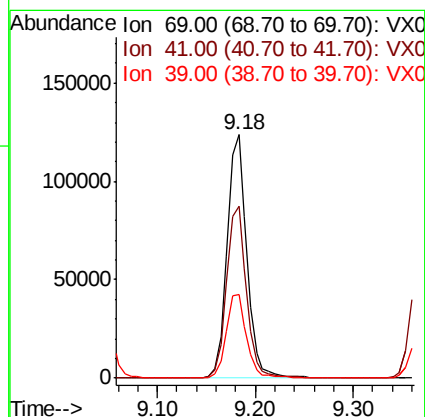
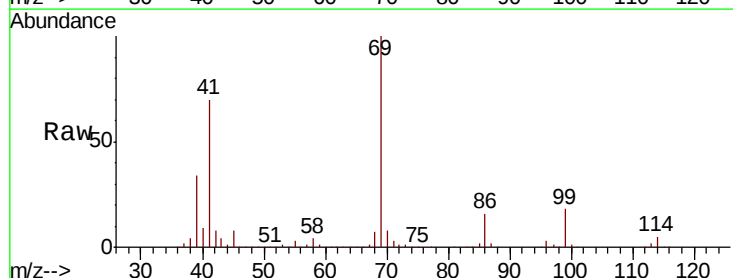
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

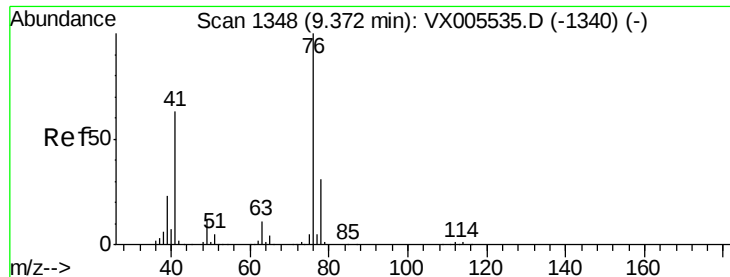
Tot Ion:	97	Resp:	109277
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.7	106.1
85	56.1	45.8	68.6
99	62.4	51.8	77.8



#56
Ethyl methacrylate
Concen: 49.600 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion:	69	Resp:	172985
Ion	Ratio	Lower	Upper
69	100		
41	71.1	57.0	85.6
39	35.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 46.097 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

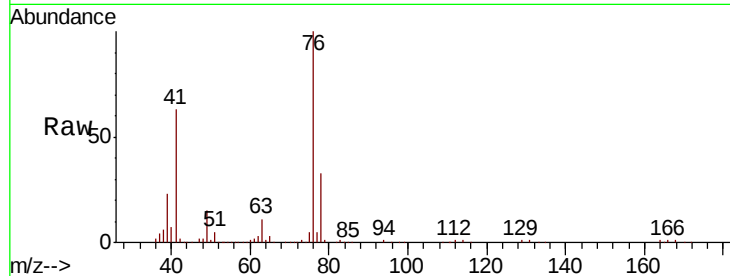
FT-PZ459I-20181025MSD

Tot Ion: 76 Resp: 182372

Ion Ratio Lower Upper

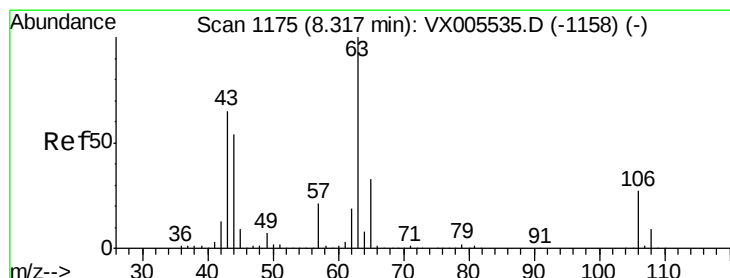
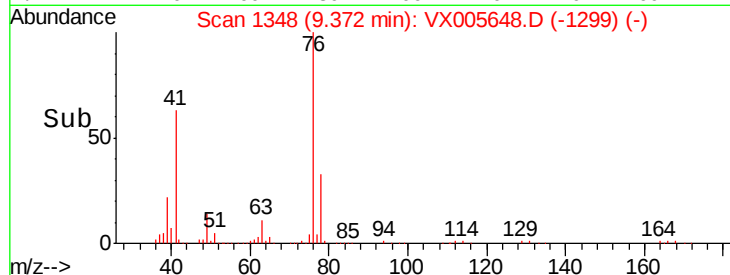
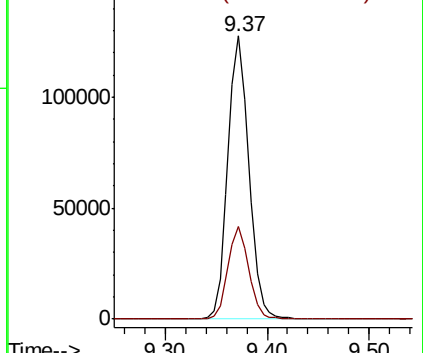
76 100

78 32.3 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.676 ug/l

RT: 8.30 min Scan# 1172

Delta R.T. -0.02 min

Lab File: VX005648.D

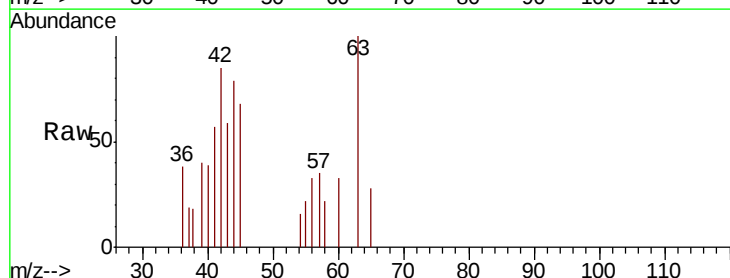
Acq: 27 Oct 2018 11:20

Tgt Ion: 63 Resp: 1316

Ion Ratio Lower Upper

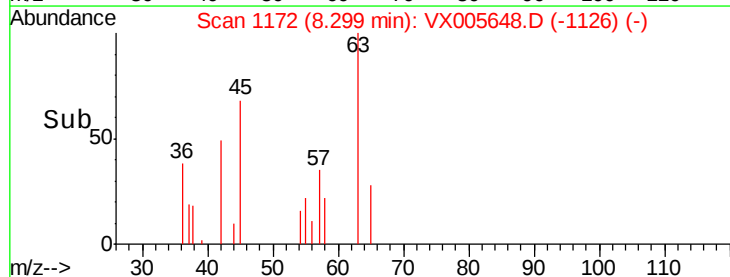
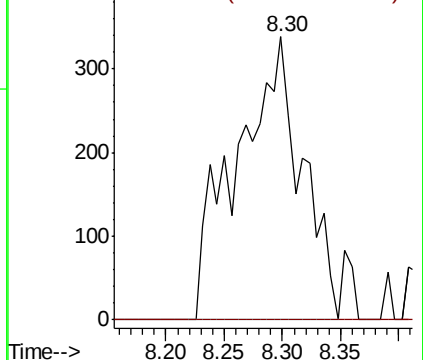
63 100

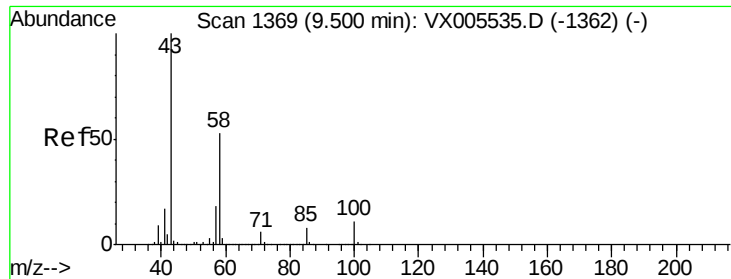
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

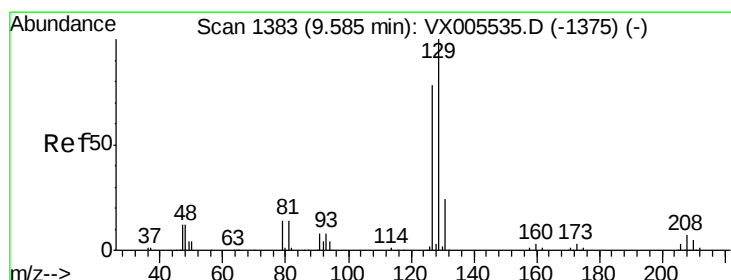
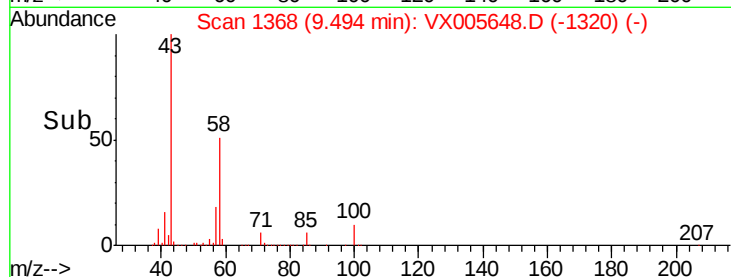
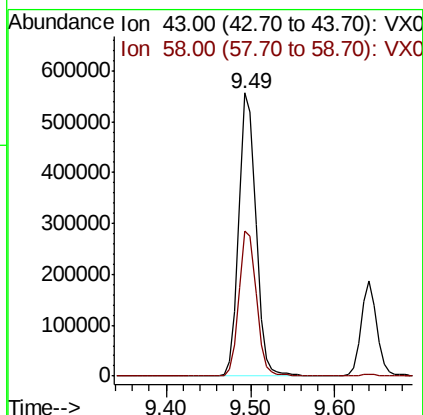
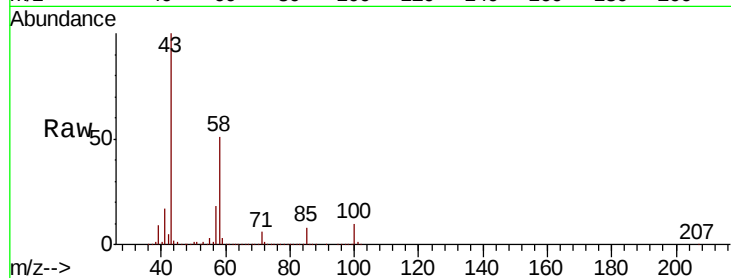




#59
2-Hexanone
Concen: 235.583 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

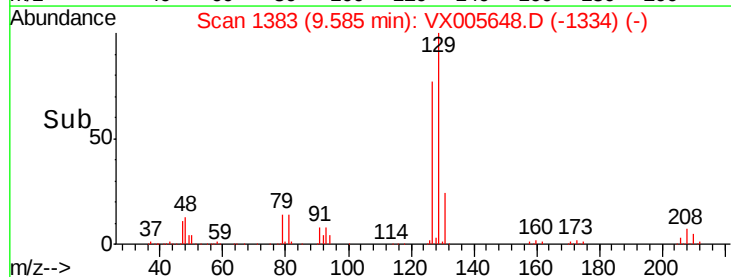
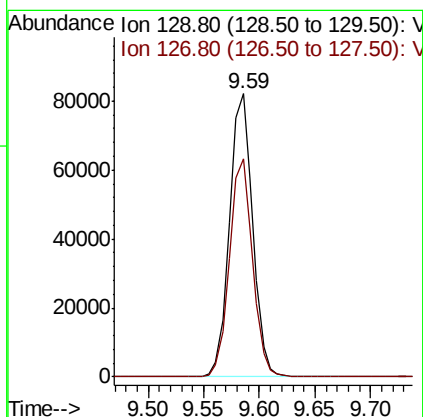
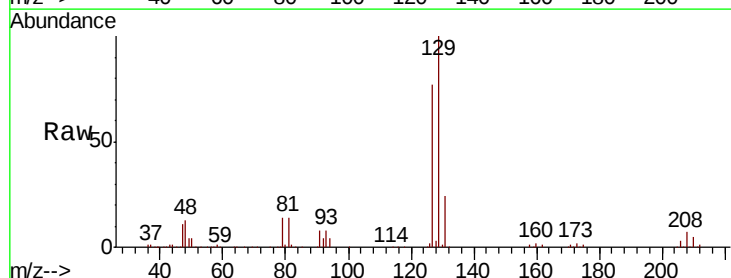
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

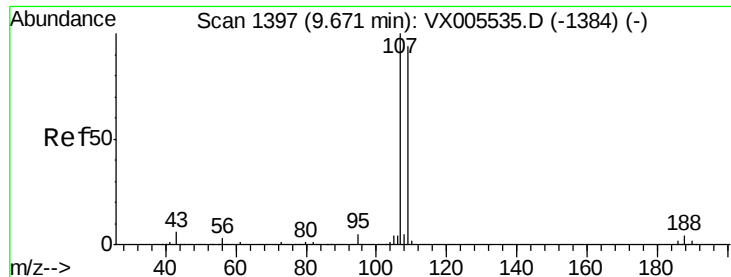
Tot Ion: 43 Resp: 759875
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.8



#60
Dibromochloromethane
Concen: 48.396 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion: 129 Resp: 118061
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 47.081 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

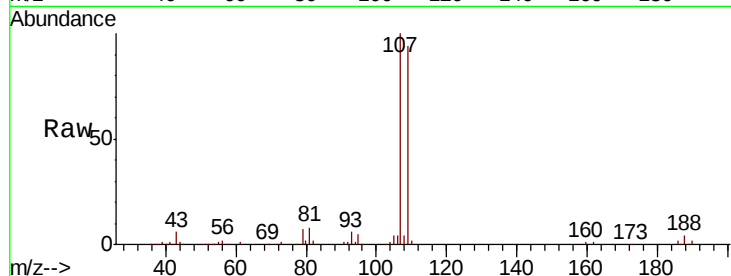
FT-PZ459I-20181025MSD

Tot Ion:107 Resp: 113886

Ion Ratio Lower Upper

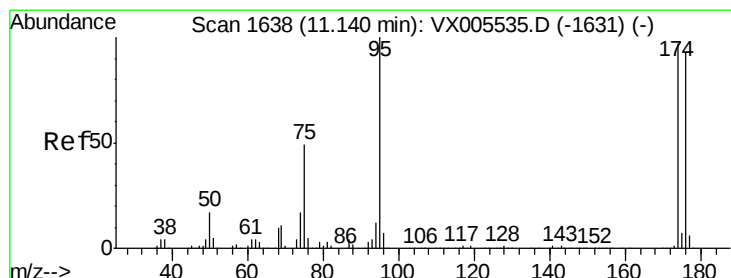
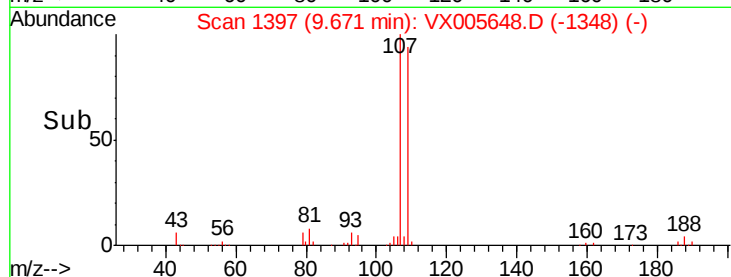
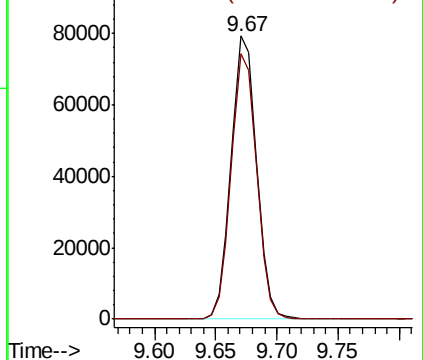
107 100

109 94.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.789 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

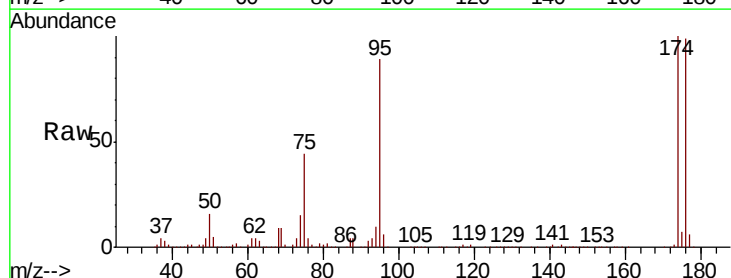
Tgt Ion: 95 Resp: 144032

Ion Ratio Lower Upper

95 100

174 99.4 0.0 184.4

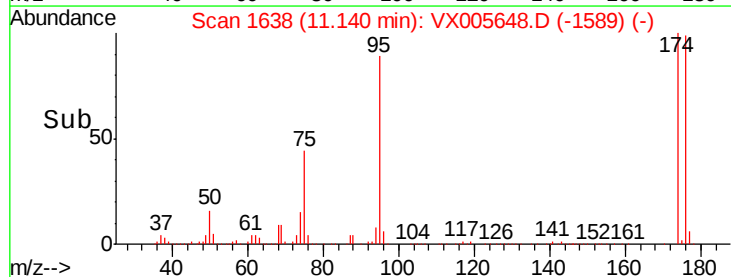
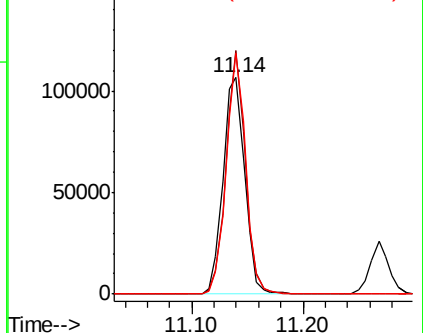
176 99.3 0.0 177.4

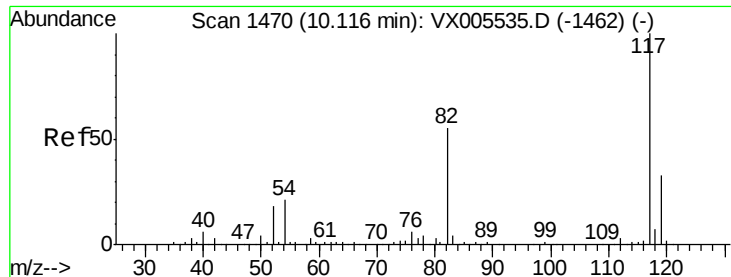


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

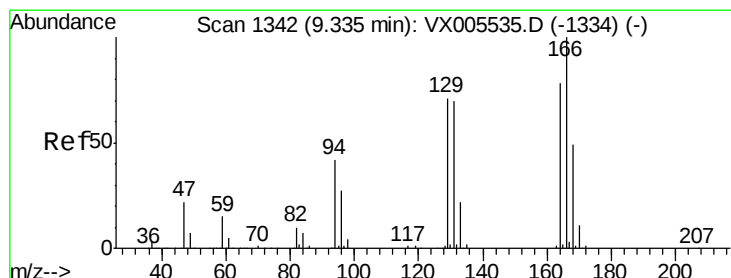
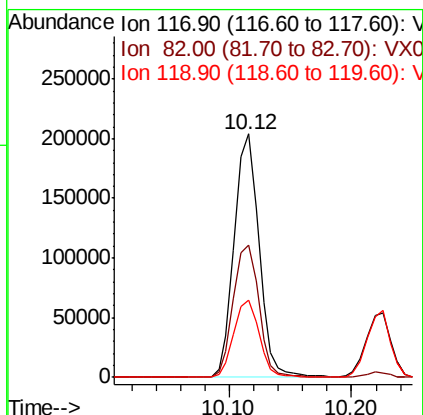
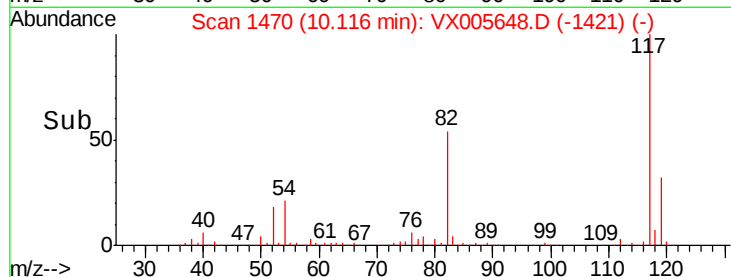
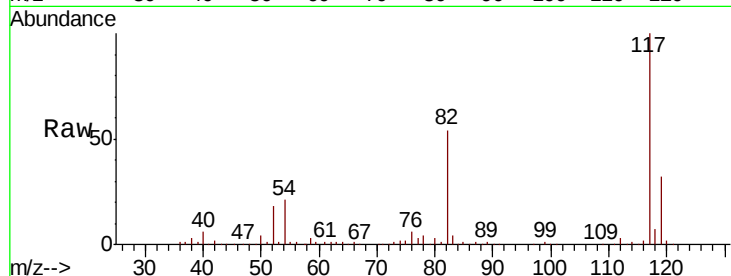




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

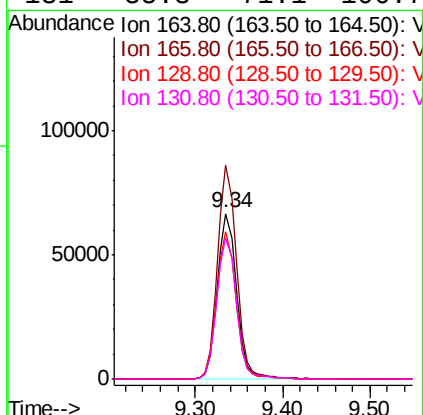
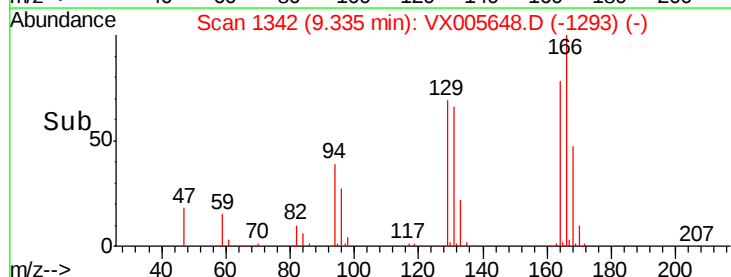
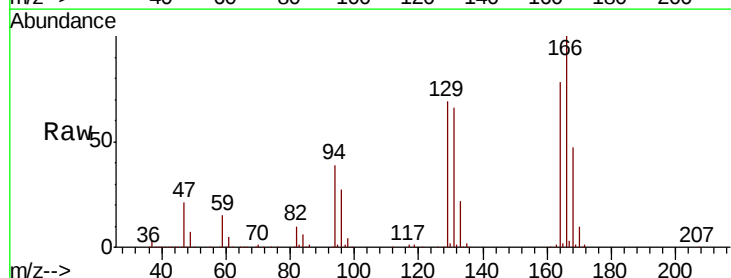
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

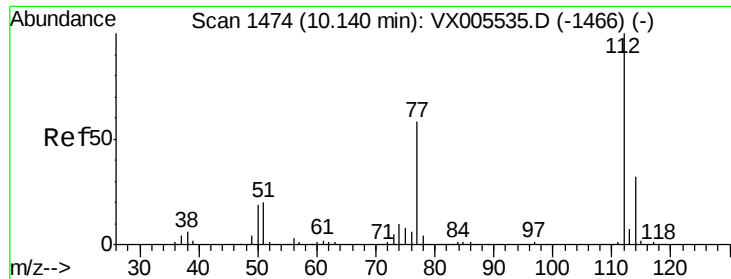
Tot Ion:117 Resp: 287836
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 31.6 26.2 39.2



#64
Tetrachloroethene
Concen: 42.608 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion:164 Resp: 101809
Ion Ratio Lower Upper
164 100
166 129.0 101.9 152.9
129 89.0 72.6 109.0
131 85.3 71.1 106.7

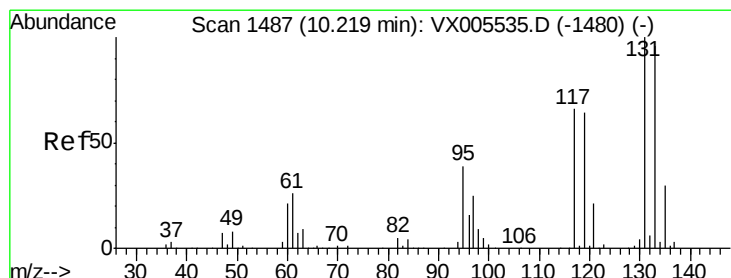
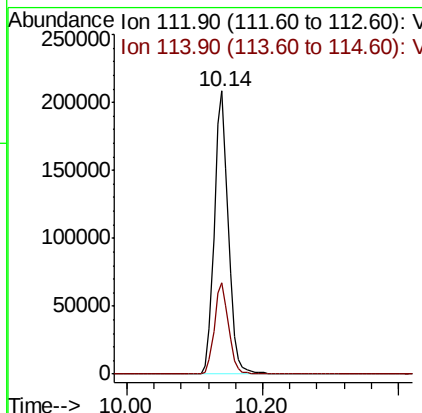
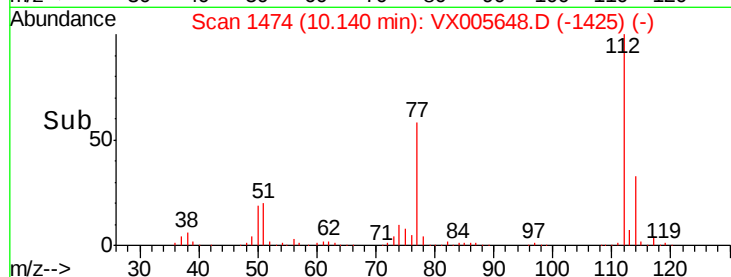
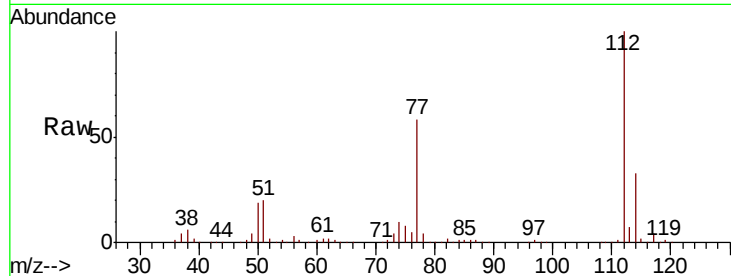




#65
Chlorobenzene
Concen: 48.667 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

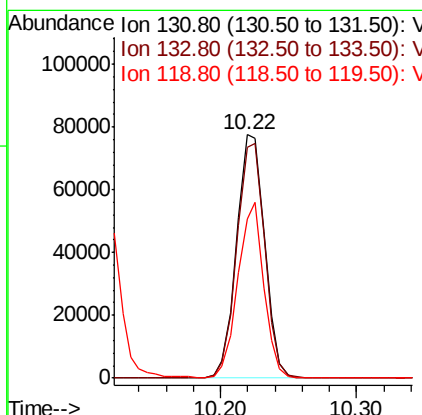
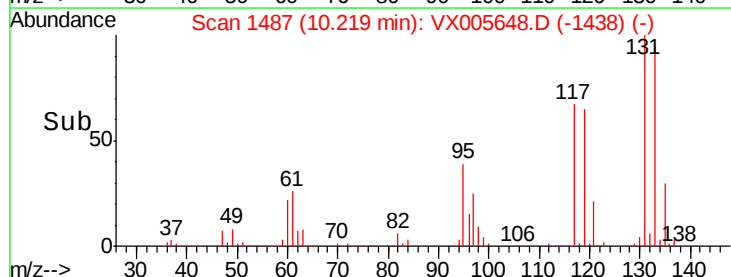
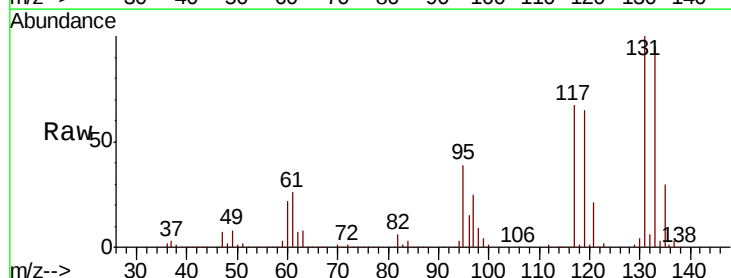
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

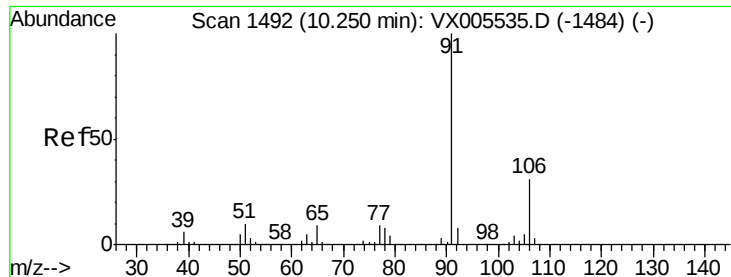
Tot Ion:112 Resp: 298297
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.892 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion:131 Resp: 111505
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 66.6 31.8 95.3





#67

Ethyl Benzene

Concen: 51.503 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

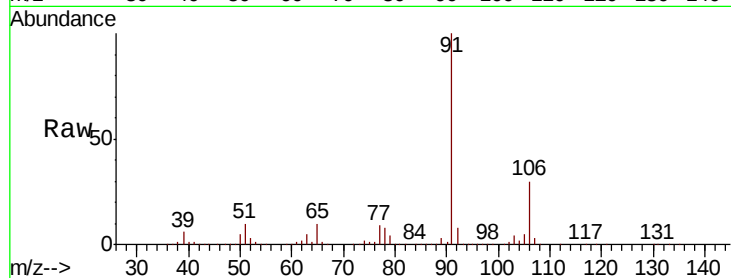
FT-PZ459I-20181025MSD

Tot Ion: 91 Resp: 519381

Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX005535.D (-1484) (-)

600000

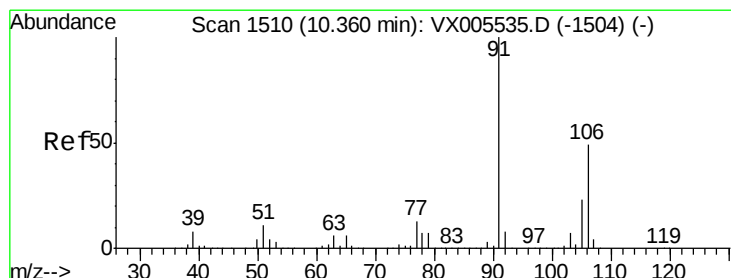
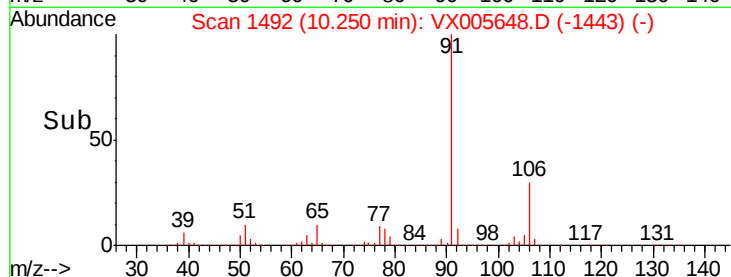
400000

200000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 102.088 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005648.D

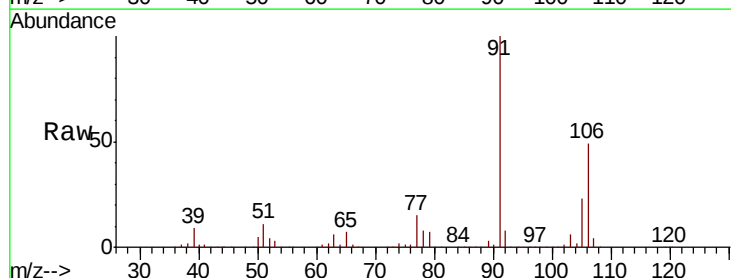
Acq: 27 Oct 2018 11:20

Tgt Ion: 106 Resp: 399416

Ion Ratio Lower Upper

106 100

91 203.3 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005535.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX005535.D (-1504) (-)

600000

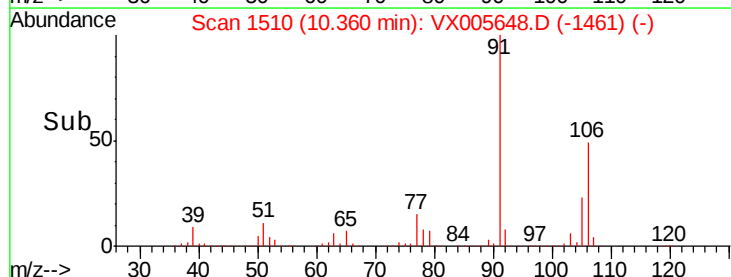
400000

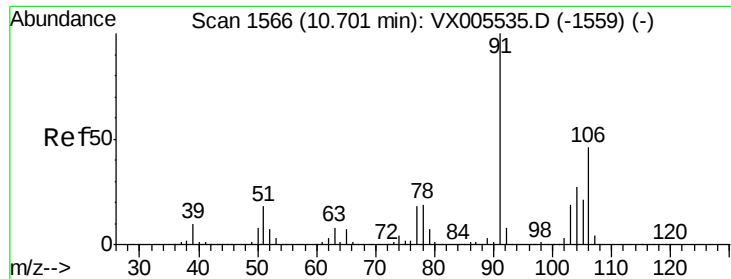
200000

0

10.30 10.40 10.50

Time-->

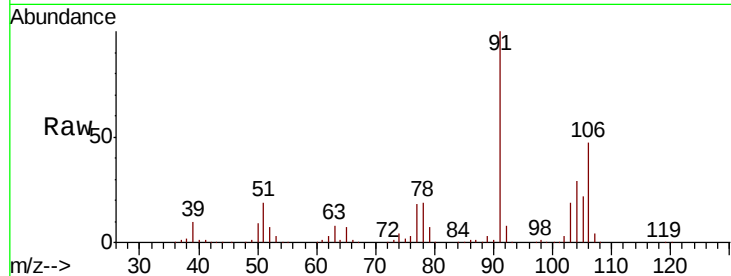




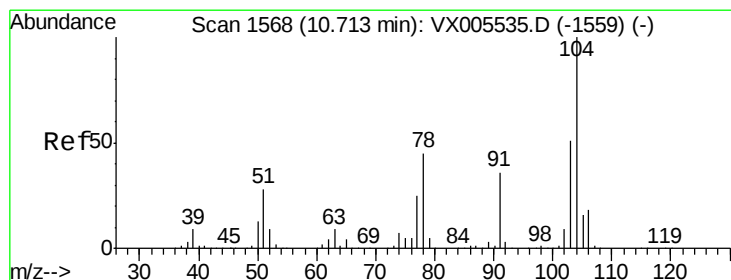
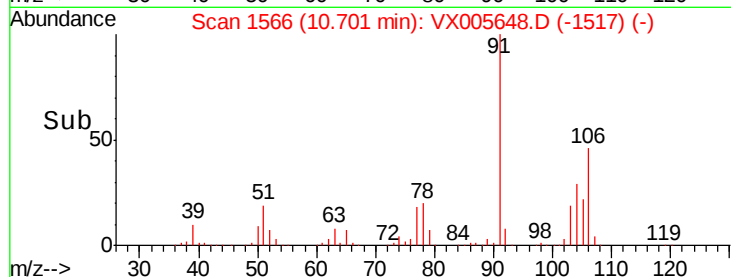
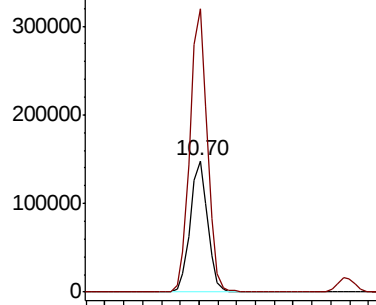
#69
o-Xylene
Concen: 51.857 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

Tot Ion:106 Resp: 190880
Ion Ratio Lower Upper
106 100
91 215.6 108.5 325.5

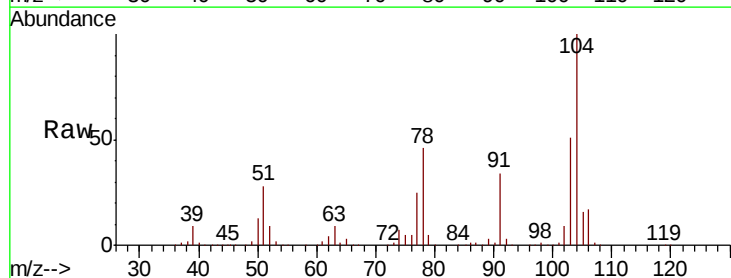


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

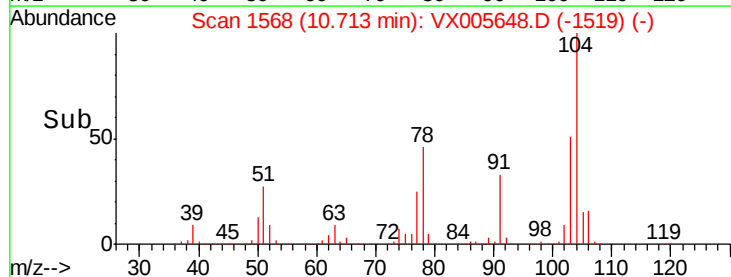
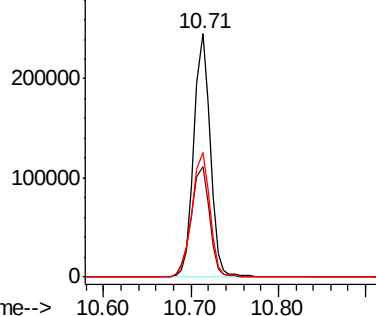


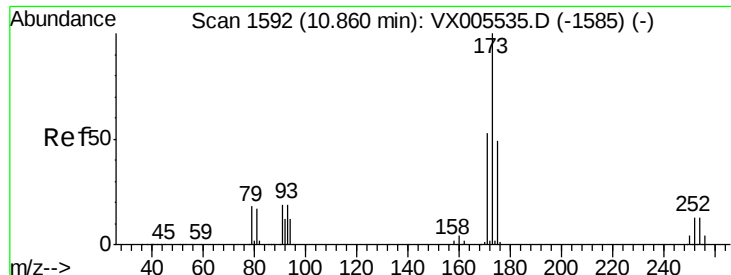
#70
Styrene
Concen: 51.651 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion:104 Resp: 318271
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.4
103 56.1 44.9 67.3



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

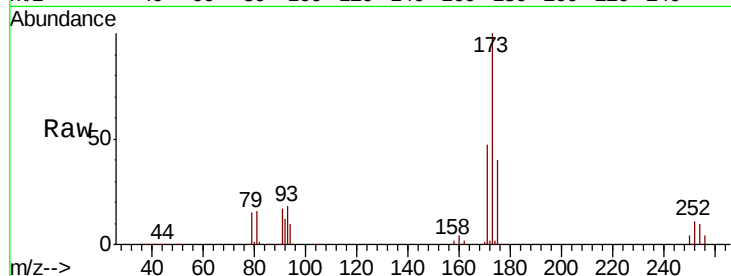




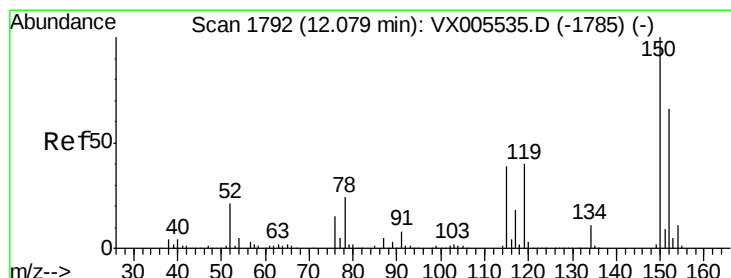
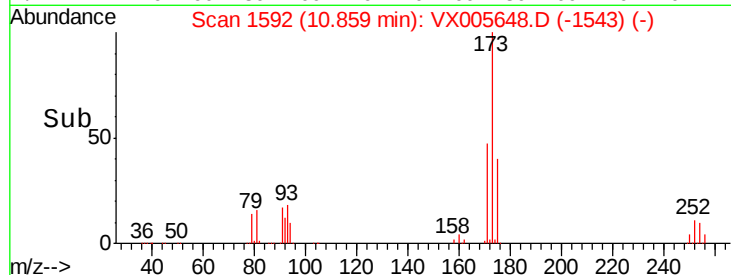
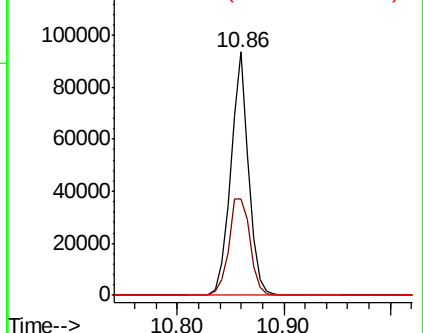
#71
Bromoform
Concen: 54.580 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

Tot Ion:173 Resp: 108850
Ion Ratio Lower Upper
173 100
175 48.1 24.8 74.3
254 0.2 0.2 0.2

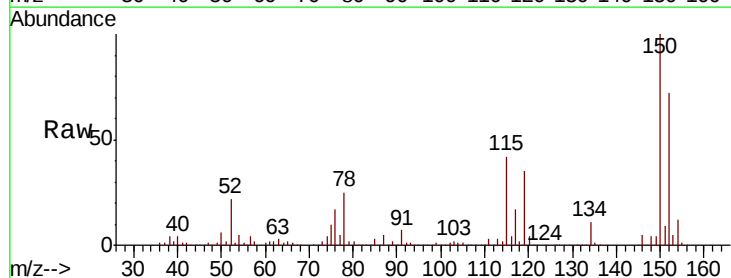


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

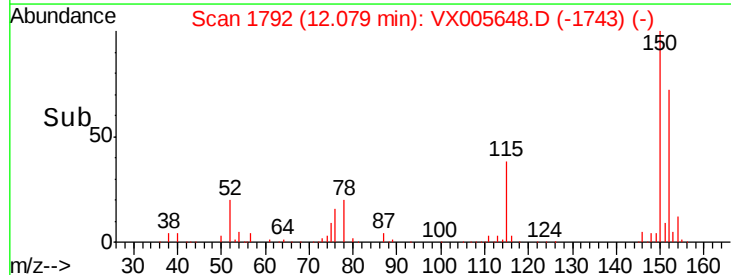
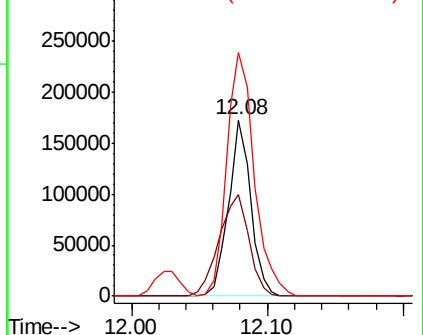


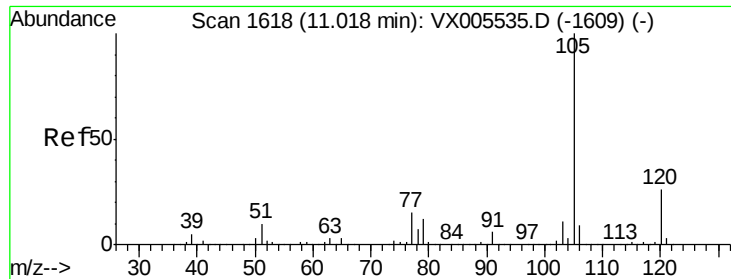
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion:152 Resp: 196172
Ion Ratio Lower Upper
152 100
115 77.1 39.4 118.1
150 170.8 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

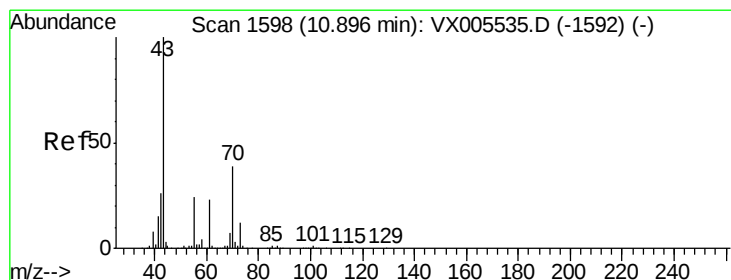
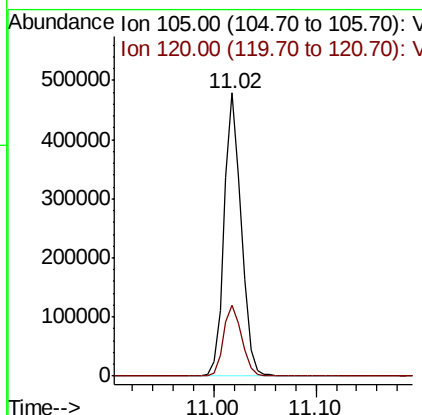
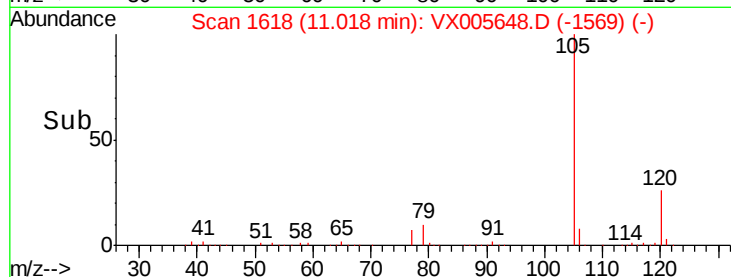
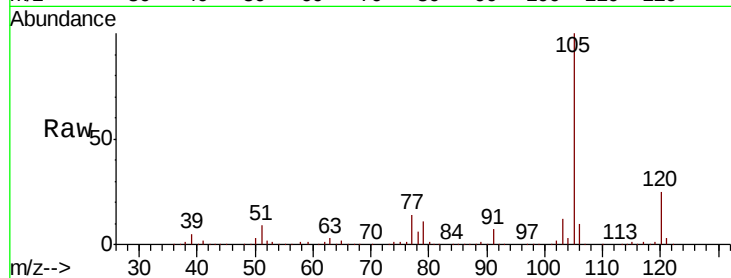




#73
Isopropylbenzene
Concen: 46.448 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

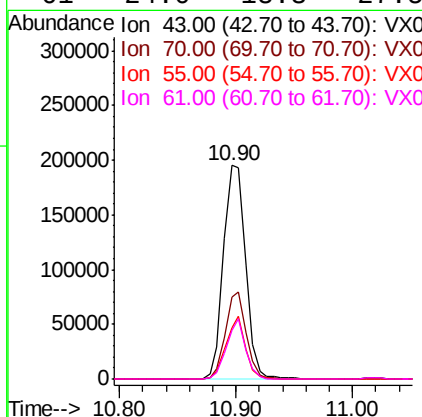
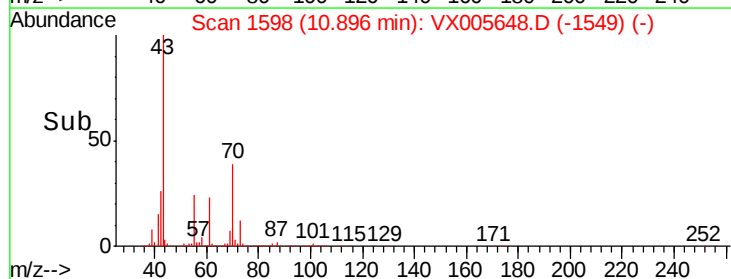
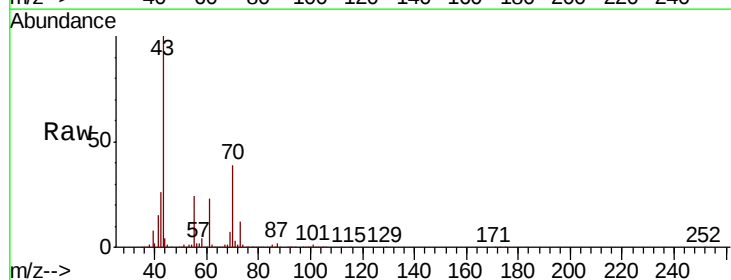
Instrument :
MSVOA_X
ClientSampleId :
FT-PZ459I-20181025MSD

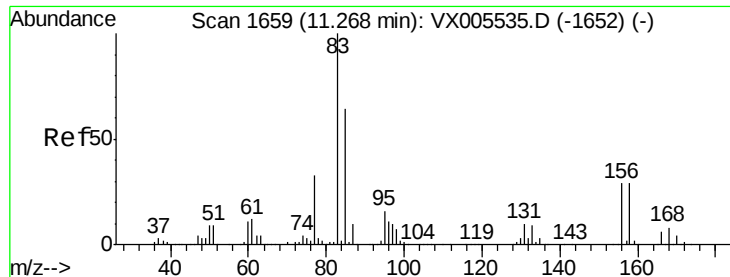
Tot Ion:105 Resp: 556983
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#74
N-ethyl acetate
Concen: 43.236 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005648.D
Acq: 27 Oct 2018 11:20

Tgt Ion: 43 Resp: 256904
Ion Ratio Lower Upper
43 100
70 38.3 31.6 47.4
55 25.6 19.7 29.5
61 24.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 43.245 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

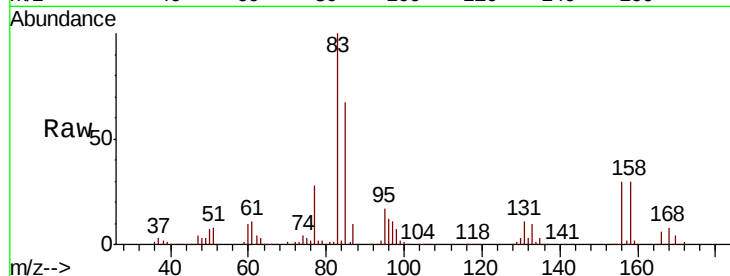
Tot Ion: 83 Resp: 191320

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

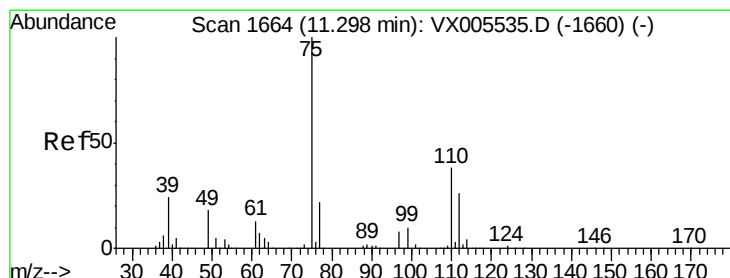
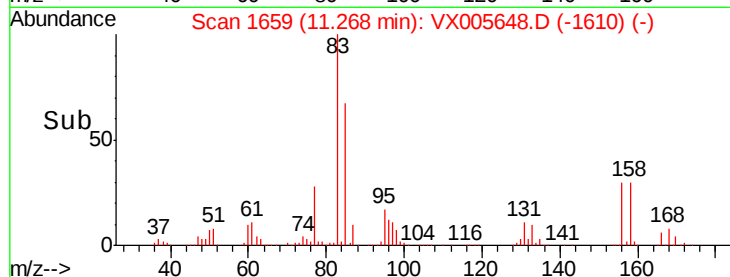
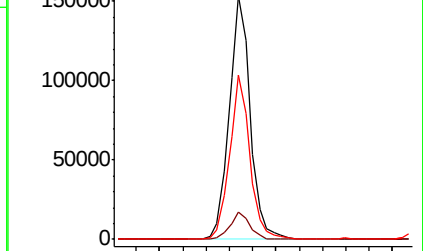
85 65.3 32.0 96.2



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

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

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



#76

1,2,3-Trichloropropane

Concen: 54.583 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005648.D

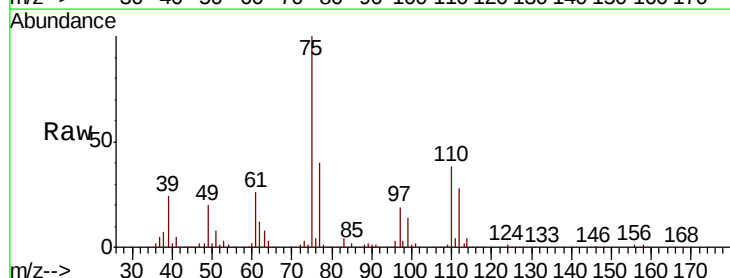
Acq: 27 Oct 2018 11:20

Tgt Ion: 75 Resp: 226872

Ion Ratio Lower Upper

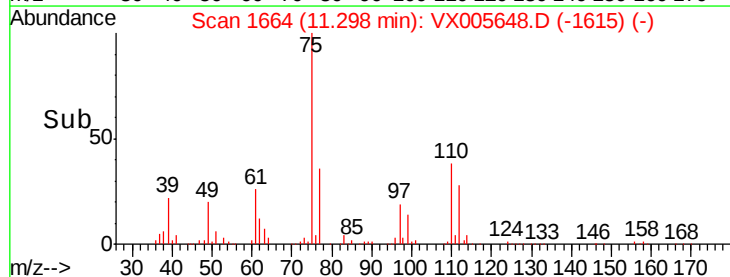
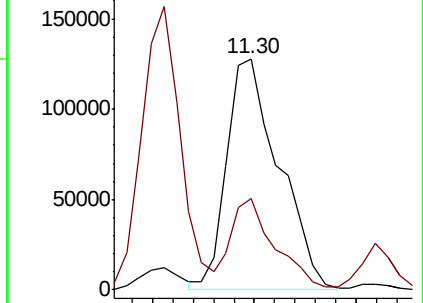
75 100

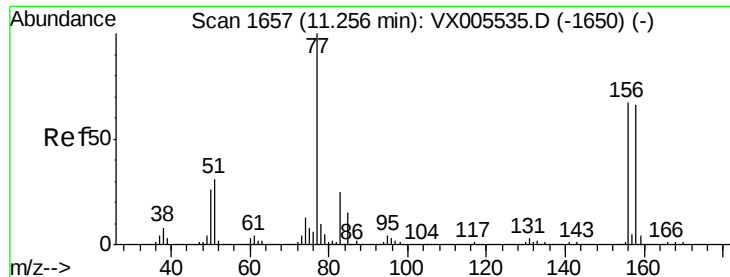
77 33.5 20.5 61.6



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

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





#77

Bromobenzene

Concen: 42.753 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

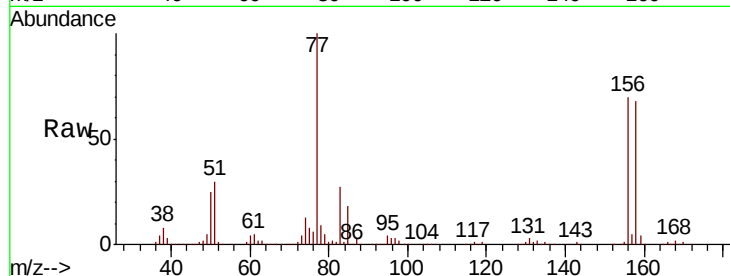
Tot Ion:156 Resp: 142879

Ion Ratio Lower Upper

156 100

77 144.3 74.8 224.4

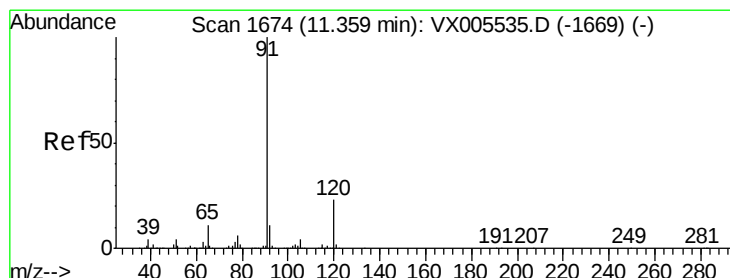
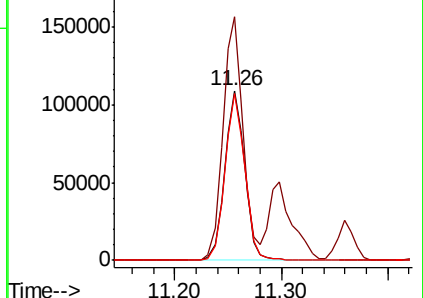
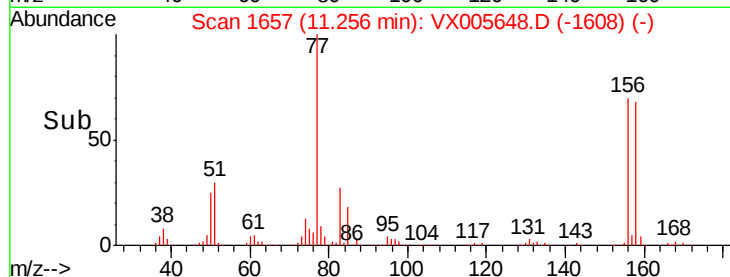
158 97.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.567 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005648.D

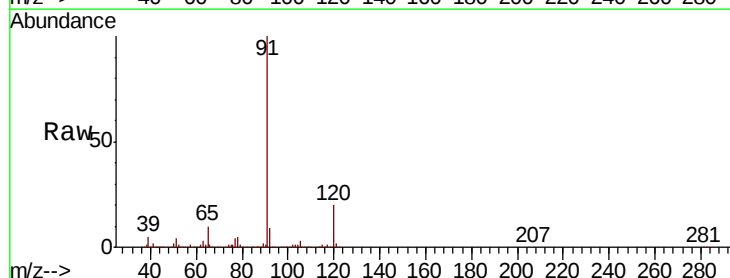
Acq: 27 Oct 2018 11:20

Tgt Ion: 91 Resp: 707086

Ion Ratio Lower Upper

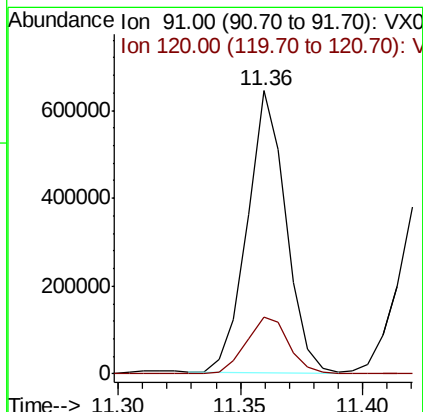
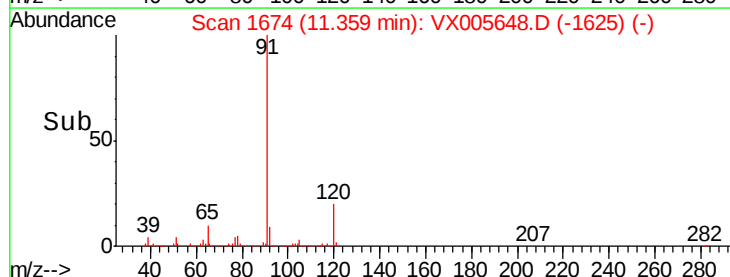
91 100

120 22.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

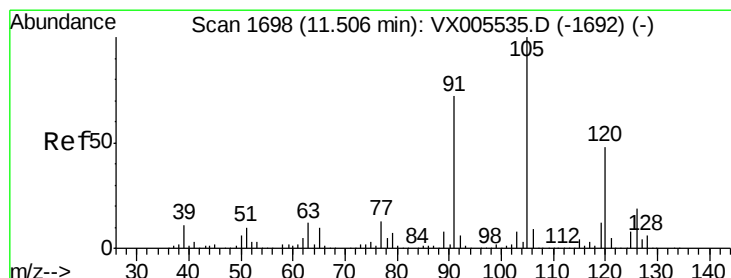
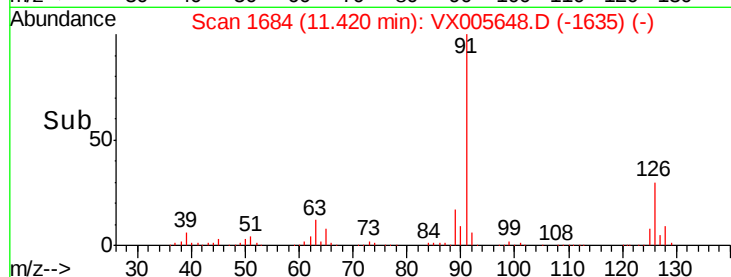
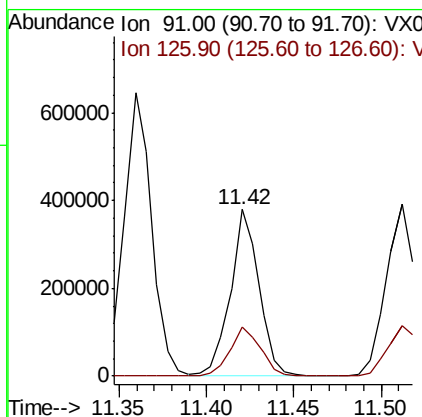
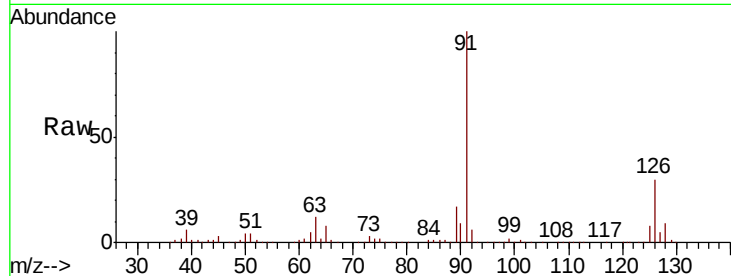




#79
 2-Chlorotoluene
 Concen: 50.417 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

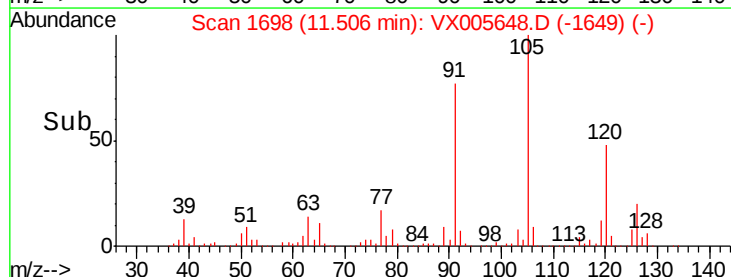
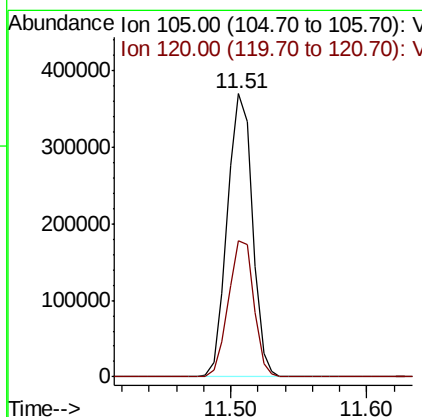
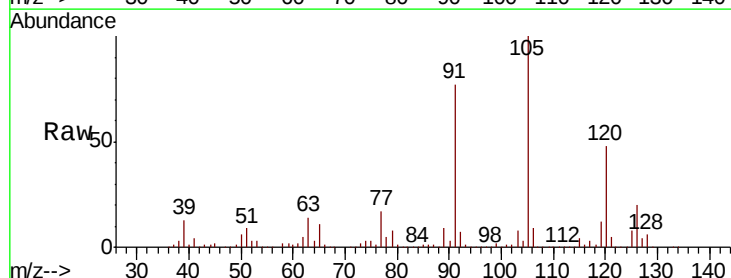
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025MSD

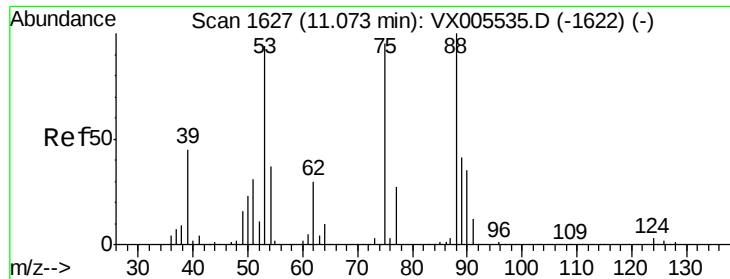
Tot Ion: 91 Resp: 428634
 Ion Ratio Lower Upper
 91 100
 126 31.9 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 46.148 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

Tgt Ion: 105 Resp: 473404
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 39.048 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

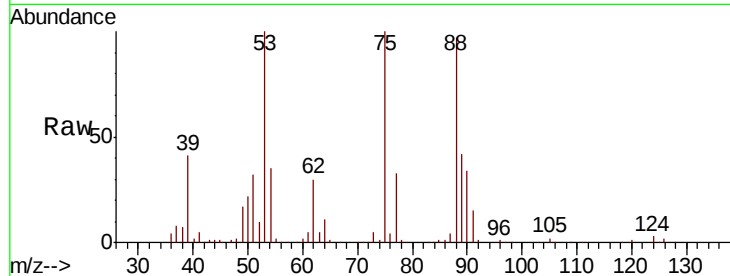
Tot Ion: 75 Resp: 49670

Ion Ratio Lower Upper

75 100

53 95.2 80.2 120.2

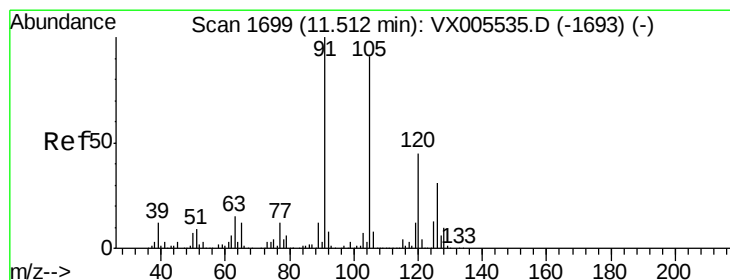
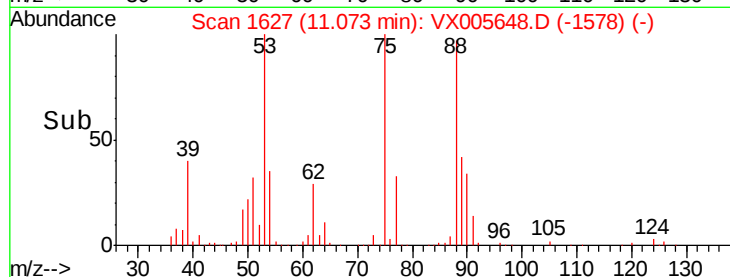
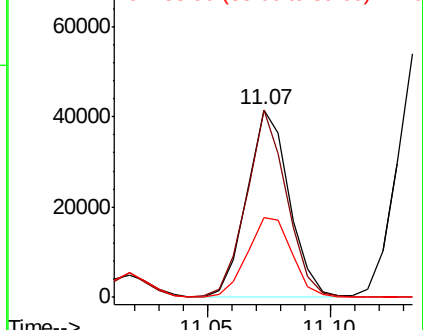
89 45.1 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.084 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005648.D

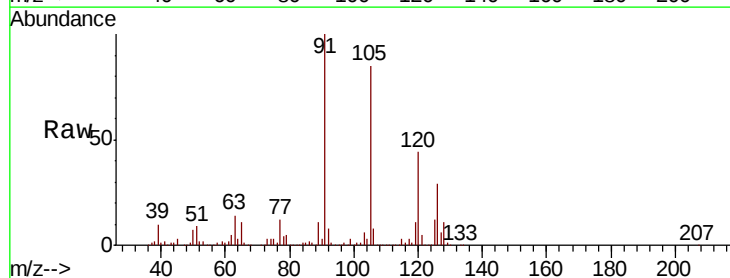
Acq: 27 Oct 2018 11:20

Tgt Ion: 91 Resp: 461996

Ion Ratio Lower Upper

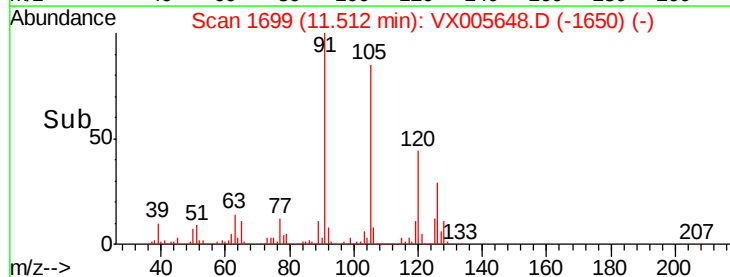
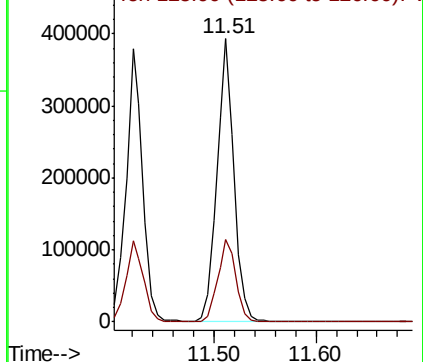
91 100

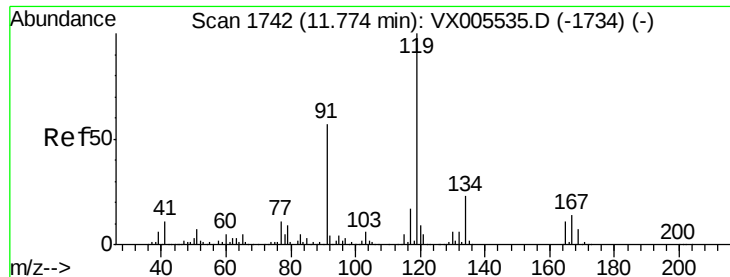
126 31.2 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

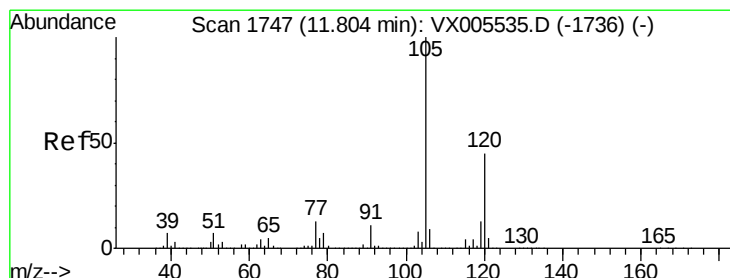
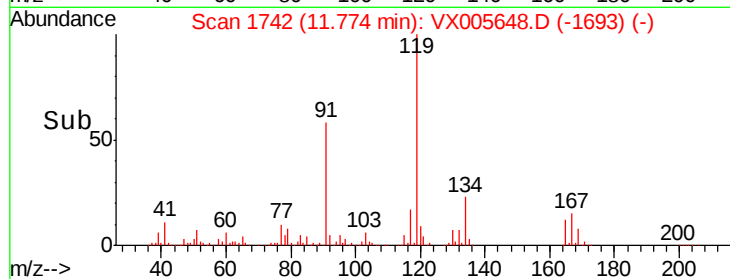
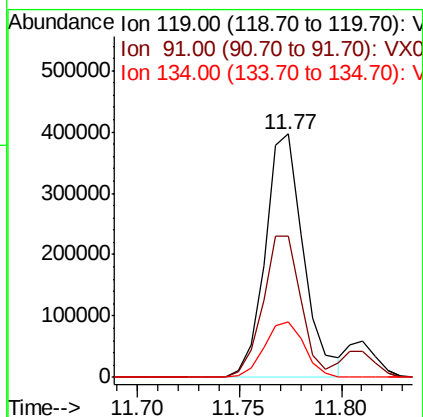
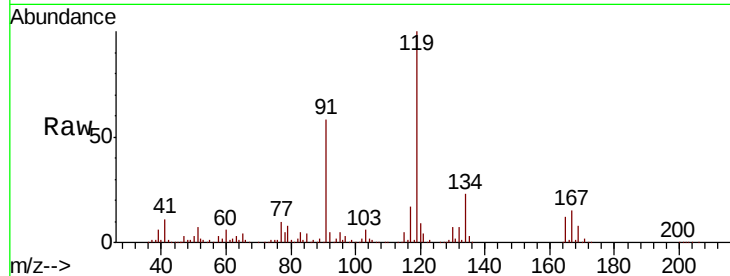




#83
 tert-Butylbenzene
 Concen: 50.753 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

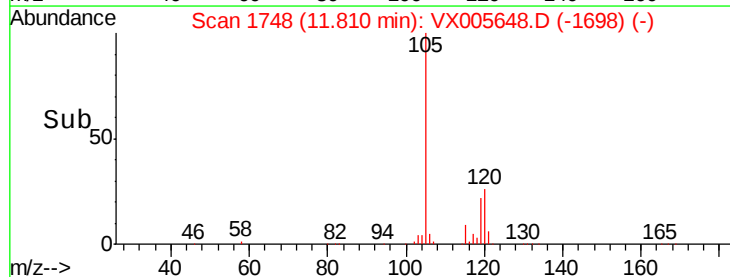
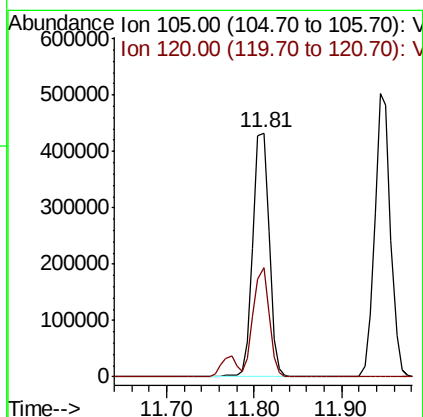
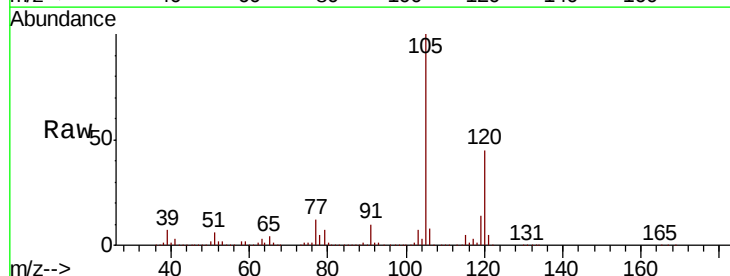
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025MSD

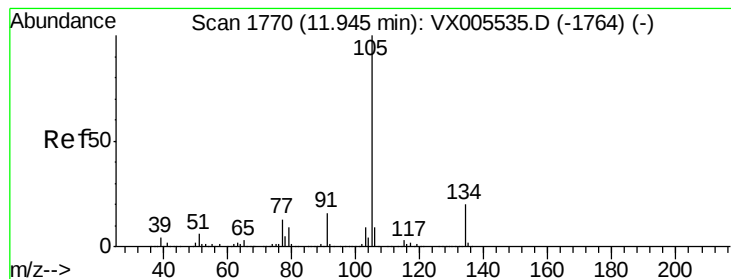
Tot Ion:119 Resp: 518973
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.5 85.5
 134 23.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.367 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

Tgt Ion:105 Resp: 554843
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.0





#85

sec-Butylbenzene

Concen: 52.085 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

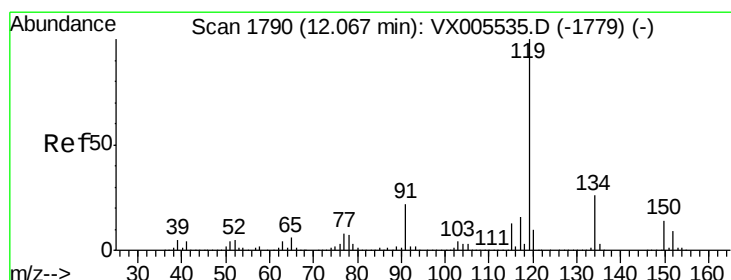
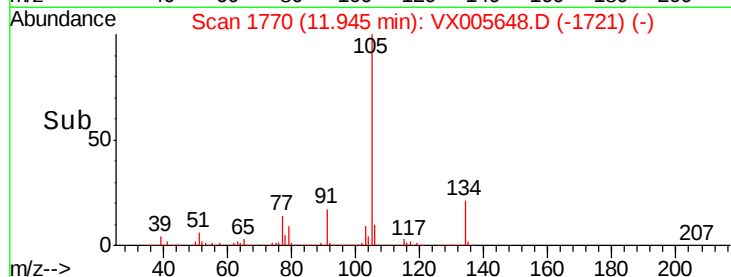
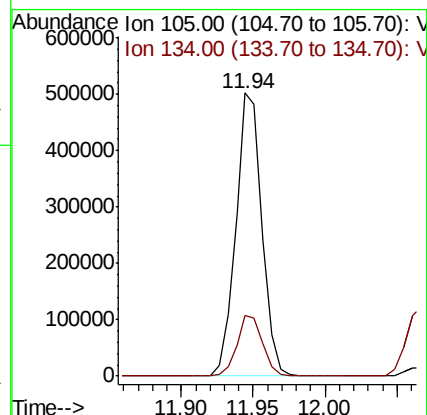
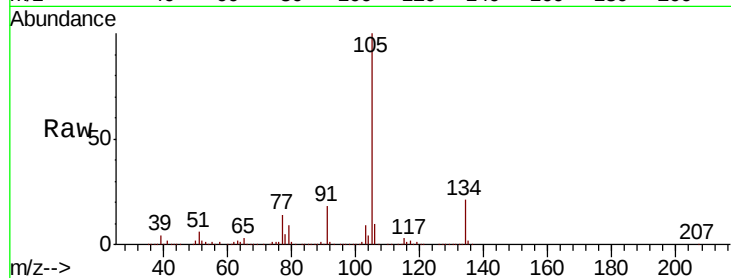
FT-PZ459I-20181025MSD

Tot Ion:105 Resp: 635513

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.546 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

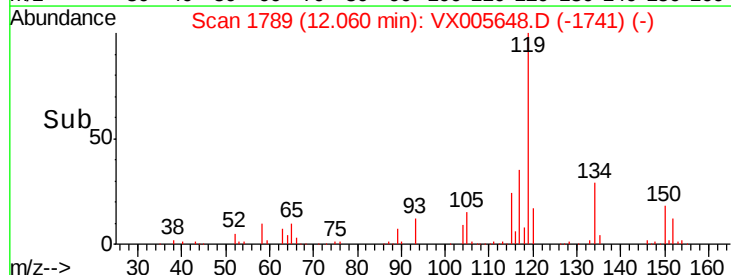
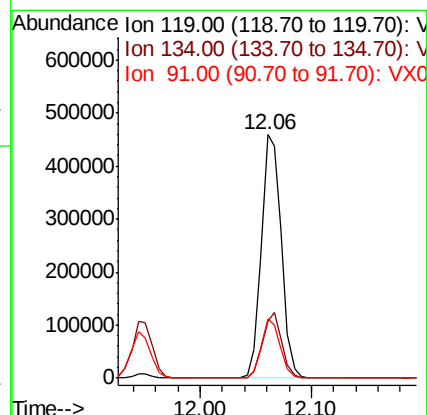
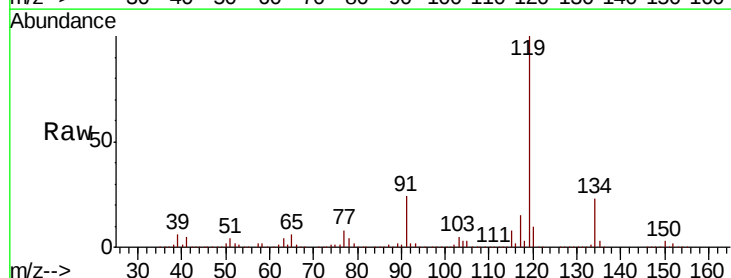
Tgt Ion:119 Resp: 573145

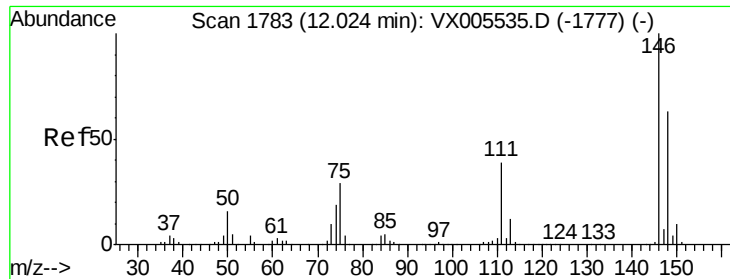
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 22.9 11.4 34.2

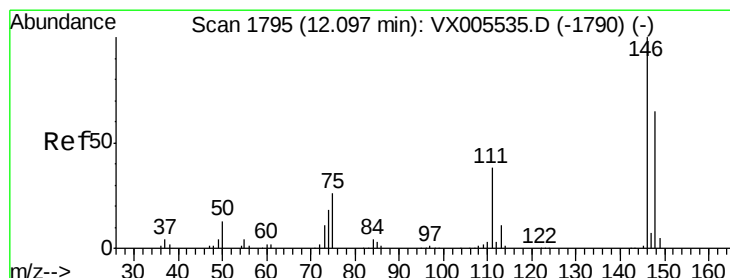
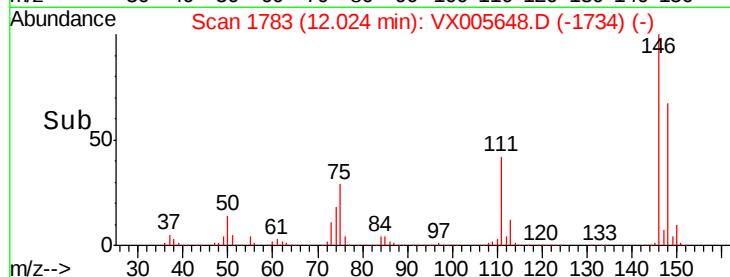
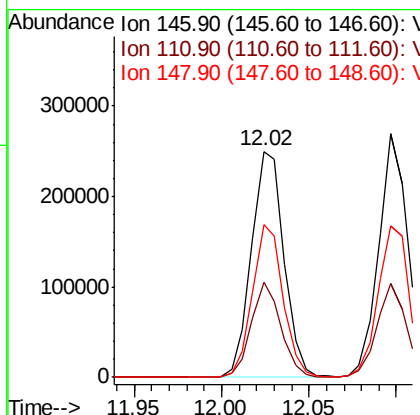
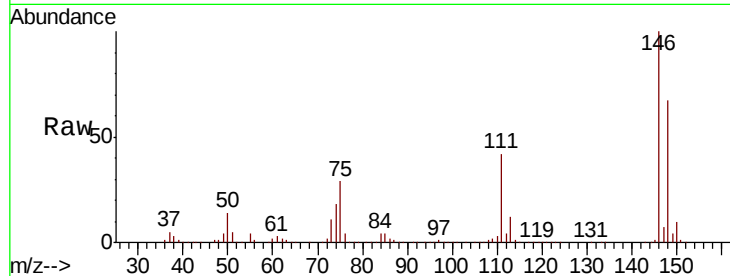




#87
 1,3-Dichlorobenzene
 Concen: 51.570 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

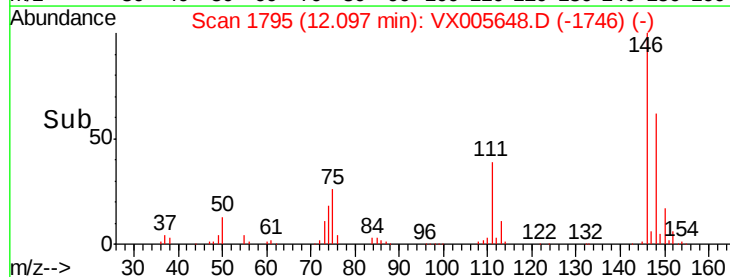
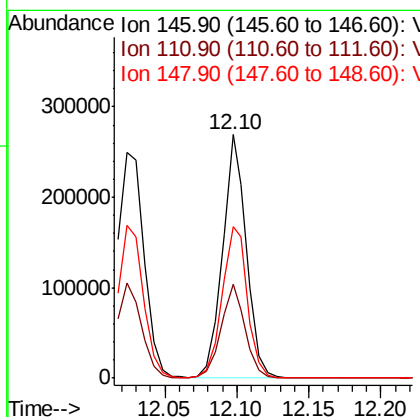
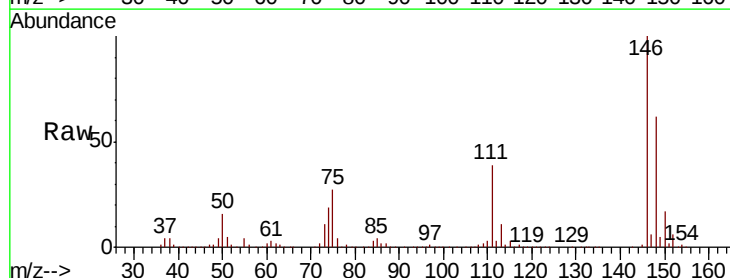
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025MSD

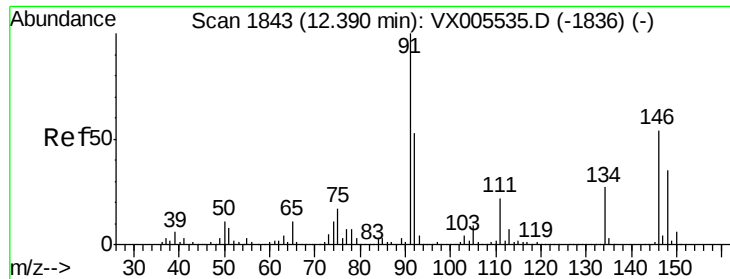
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	63.9	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.656 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.6	55.8
148	66.3	32.1	96.3





#89

n-Butylbenzene

Concen: 49.225 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

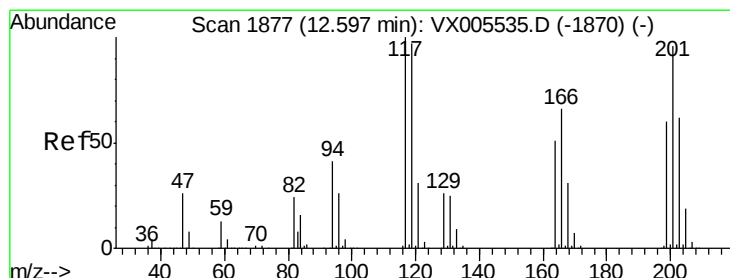
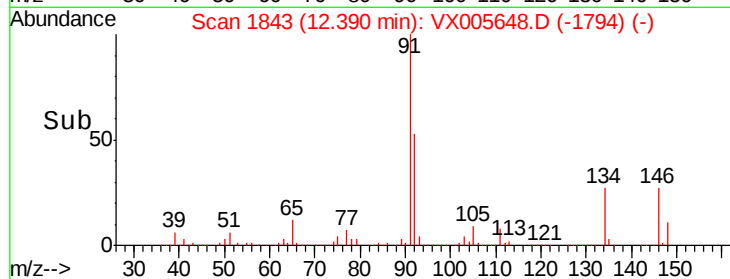
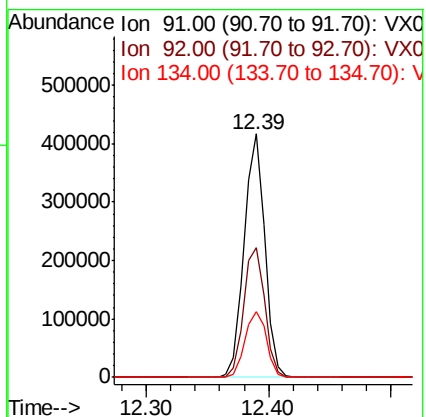
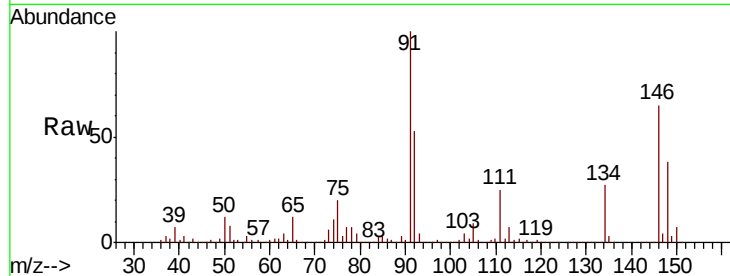
Tot Ion: 91 Resp: 484716

Ion Ratio Lower Upper

91 100

92 54.4 26.1 78.2

134 28.3 13.1 39.3



#90

Hexachloroethane

Concen: 51.410 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005648.D

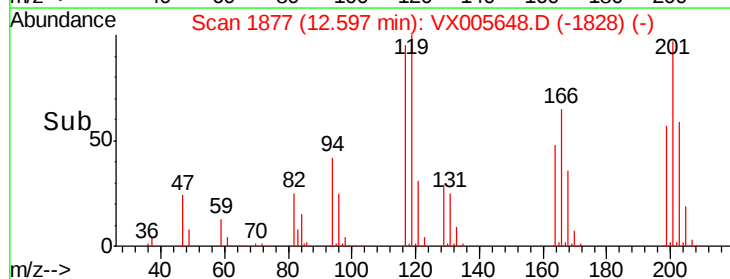
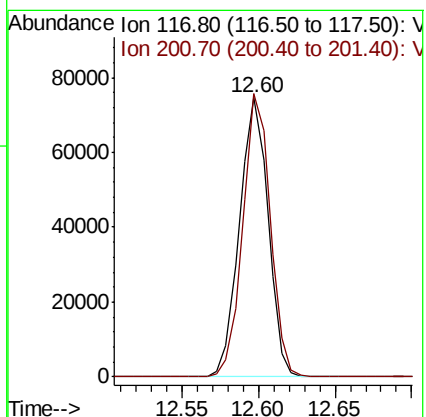
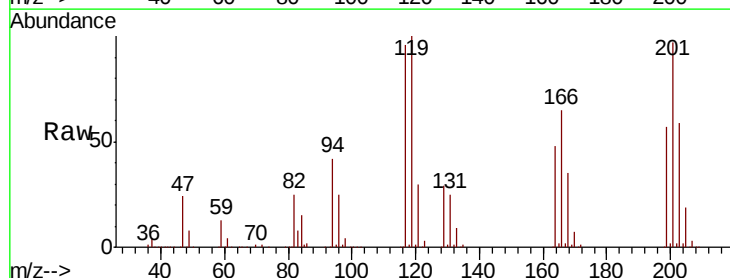
Acq: 27 Oct 2018 11:20

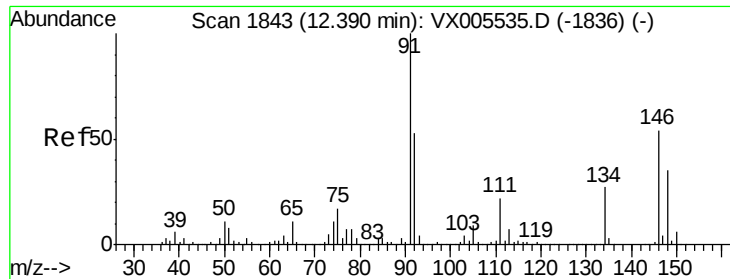
Tgt Ion: 117 Resp: 96714

Ion Ratio Lower Upper

117 100

201 97.6 47.9 143.6

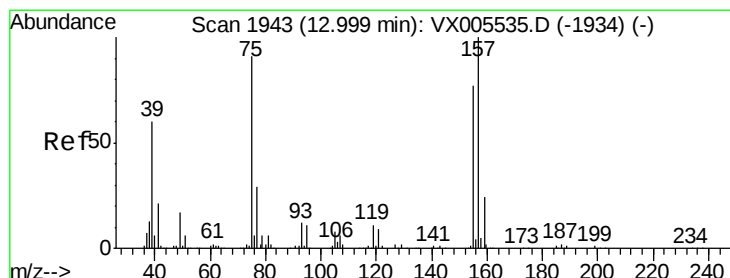
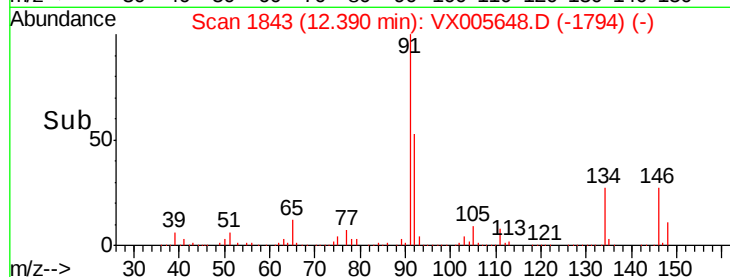
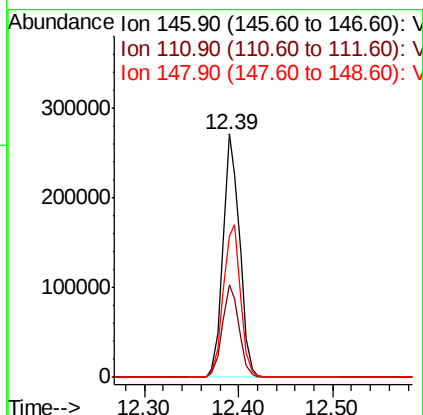
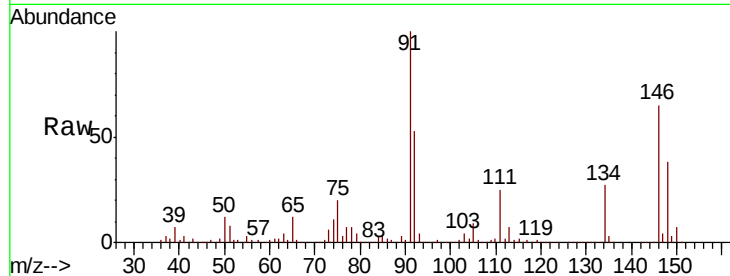




#91
 1,2-Dichlorobenzene
 Concen: 52.028 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

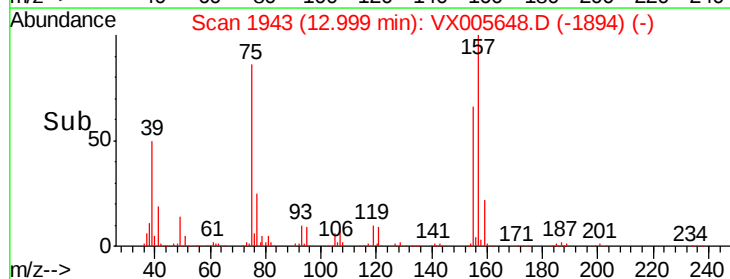
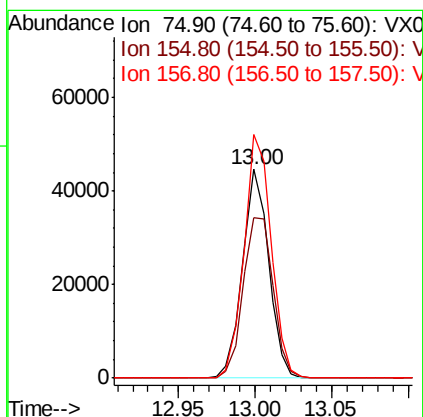
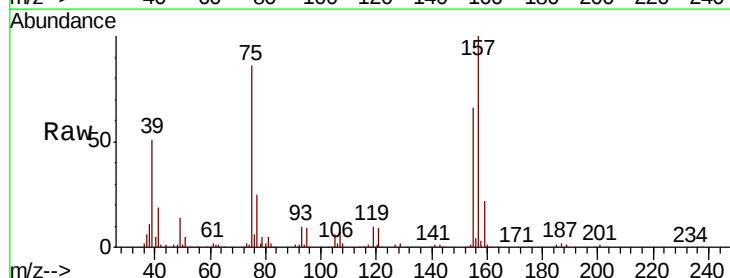
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025MSD

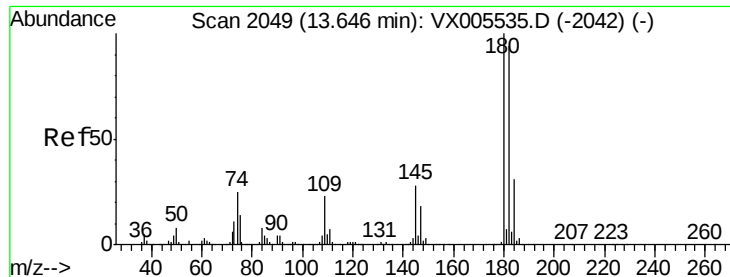
Tot Ion:146 Resp: 330805
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.0 59.9
 148 64.8 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.666 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

Tgt Ion: 75 Resp: 53128
 Ion Ratio Lower Upper
 75 100
 155 87.9 45.4 136.1
 157 120.5 57.4 172.0

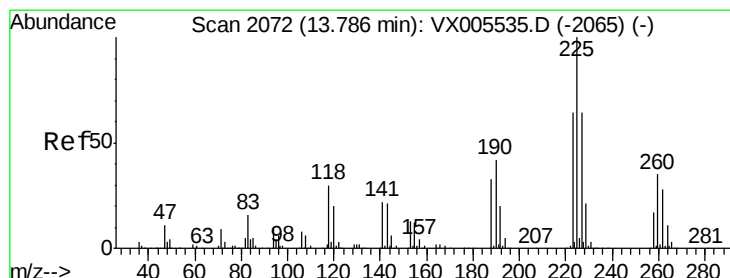
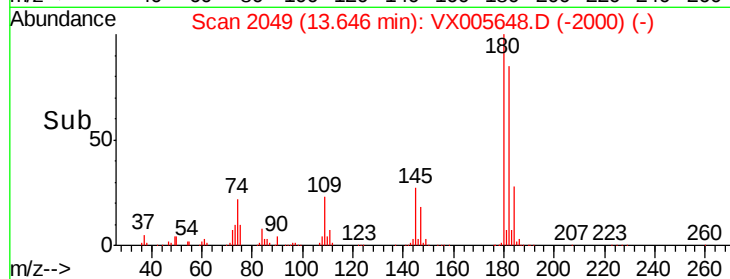
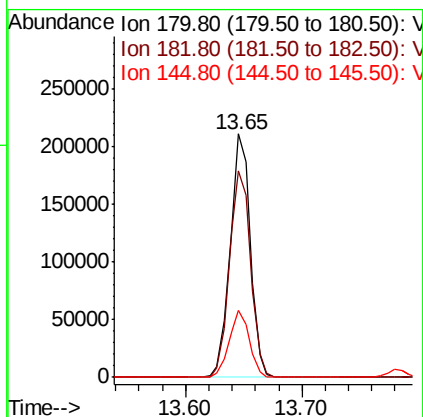
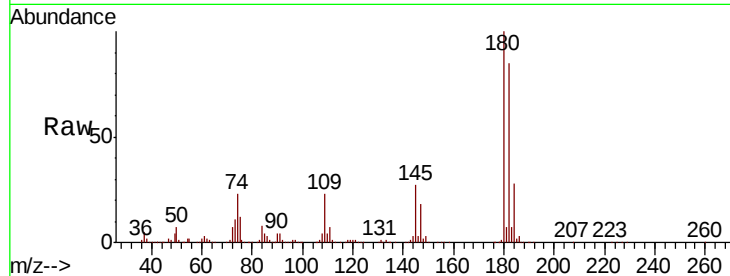




#93
 1,2,4-Trichlorobenzene
 Concen: 55.090 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

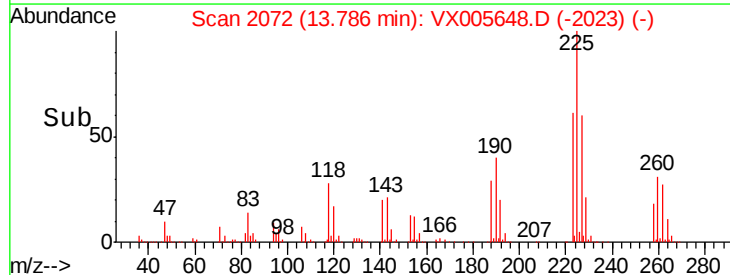
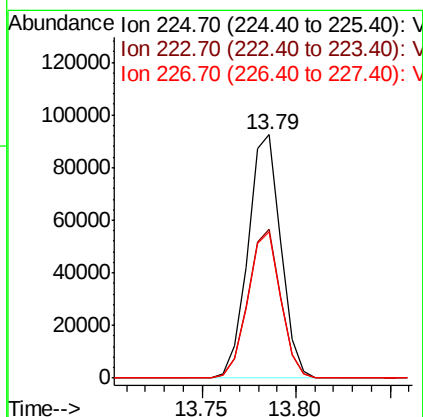
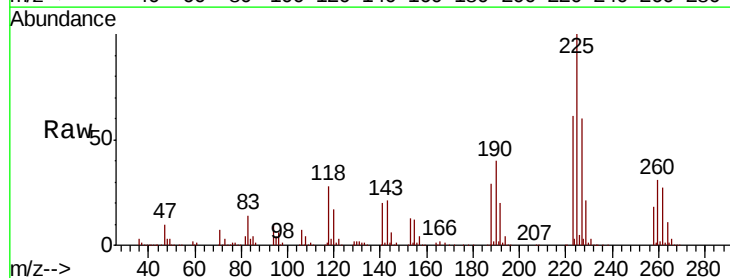
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025MSD

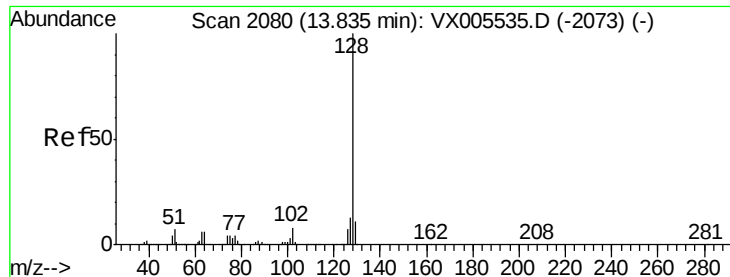
Tot Ion:180 Resp: 253911
 Ion Ratio Lower Upper
 180 100
 182 89.2 47.6 142.8
 145 27.5 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 46.864 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005648.D
 Acq: 27 Oct 2018 11:20

Tgt Ion:225 Resp: 111934
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.7 95.1
 227 59.9 32.3 96.9





#95

Naphthalene

Concen: 54.798 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025MSD

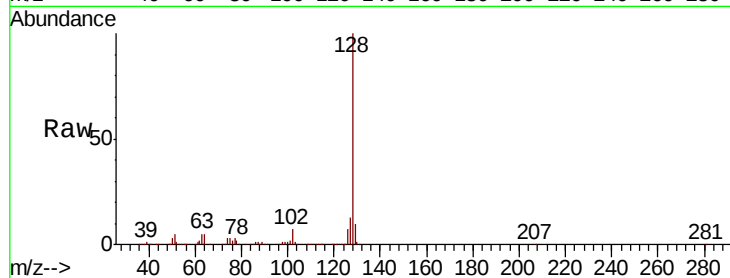
Tot Ion:128 Resp: 734156

Ion Ratio Lower Upper

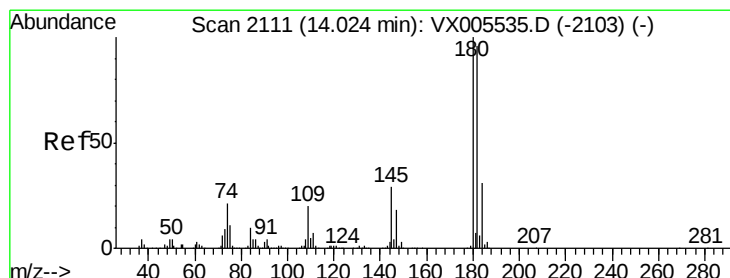
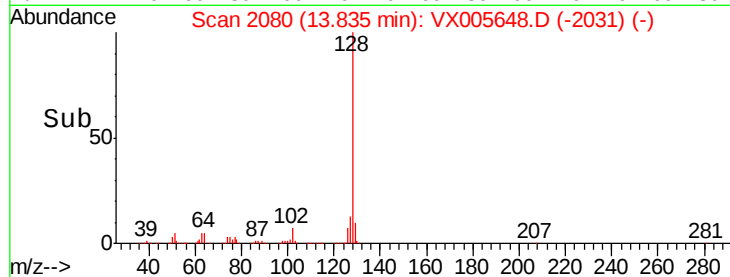
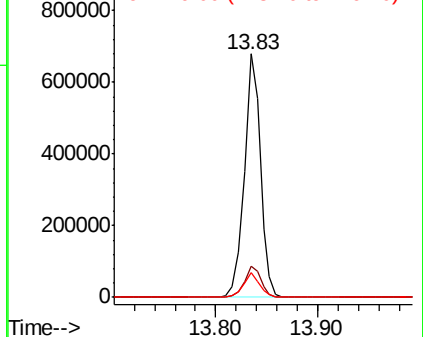
128 100

127 13.1 10.4 15.6

129 9.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 51.003 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005648.D

Acq: 27 Oct 2018 11:20

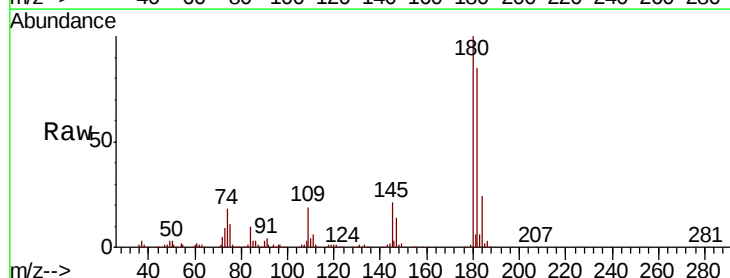
Tgt Ion:180 Resp: 238295

Ion Ratio Lower Upper

180 100

182 89.5 48.0 144.2

145 26.5 15.1 45.3



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

