

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005108.D
 Acq On : 06 Oct 2018 10:53
 Operator : JC/MD
 Sample : J5259-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MS

Quant Time: Oct 08 00:58:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173126	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168539	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
35) Dibromofluoromethane	5.51	113	136659	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	8.72	98	446954	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.14	95	167351	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	128934	43.155	ug/l	97
3) Chloromethane	1.32	50	177004	48.831	ug/l	98
4) Vinyl Chloride	1.40	62	866569	254.892	ug/l	99
5) Bromomethane	1.64	94	107292	53.220	ug/l	90
6) Chloroethane	1.72	64	100575	54.492	ug/l	94
7) Trichlorofluoromethane	1.93	101	218151	51.831	ug/l	95
8) Diethyl Ether	2.19	74	92614	50.652	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106424	44.390	ug/l	98
10) Methyl Iodide	2.51	142	125514	39.123	ug/l	91
11) Tert butyl alcohol	3.07	59	212242	242.495	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119710	50.419	ug/l	98
13) Acrolein	2.29	56	38060	61.118	ug/l	93
14) Allyl chloride	2.73	41	263647	50.892	ug/l	97
15) Acrylonitrile	3.15	53	496628	257.755	ug/l	94
16) Acetone	2.45	43	464027	253.915	ug/l	97
17) Carbon Disulfide	2.57	76	321814	45.107	ug/l	98
18) Methyl Acetate	2.78	43	286994	61.984	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	449364	54.869	ug/l	98
20) Methylene Chloride	2.86	84	144325	54.391	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	128236	49.338	ug/l	85
22) Diisopropyl ether	3.87	45	489366	56.097	ug/l #	90
23) Vinyl Acetate	3.83	43	1947407	243.876	ug/l	100
24) 1,1-Dichloroethane	3.70	63	263084	50.557	ug/l	98
25) 2-Butanone	4.70	43	715891	265.758	ug/l	91
26) 2,2-Dichloropropane	4.58	77	103449	28.548	ug/l #	47
27) cis-1,2-Dichloroethene	4.60	96	866558	298.447	ug/l	94
28) Bromochloromethane	5.02	49	129041	52.659	ug/l	97
29) Tetrahydrofuran	5.16	42	447413	267.228	ug/l	99
30) Chloroform	5.21	83	252038	51.248	ug/l	92
31) Cyclohexane	5.57	56	196891	49.436	ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	211098	52.558	ug/l	96
36) 1,1-Dichloropropene	5.80	75	180939	51.338	ug/l	93
37) Ethyl Acetate	4.86	43	235775	50.397	ug/l	98
38) Carbon Tetrachloride	5.78	117	183738	49.594	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100518\
 Data File : VX005108.D
 Acq On : 06 Oct 2018 10:53
 Operator : JC/MD
 Sample : J5259-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MS

Quant Time: Oct 08 00:58:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148912	41.378	ug/l #	85
40) Benzene	6.15	78	576534	52.251	ug/l	92
41) Methacrylonitrile	5.06	41	138392	53.341	ug/l	96
42) 1,2-Dichloroethane	6.19	62	194217	49.792	ug/l	97
43) Isopropyl Acetate	6.46	43	349374	51.740	ug/l	96
44) Trichloroethene	7.21	130	140982	51.975	ug/l	82
45) 1,2-Dichloropropane	7.52	63	139801	51.666	ug/l	96
46) Dibromomethane	7.66	93	86660	50.961	ug/l	100
47) Bromodichloromethane	7.90	83	167609	52.644	ug/l	100
48) Methyl methacrylate	7.78	41	171049	55.810	ug/l	99
49) 1,4-Dioxane	7.75	88	67193	882.460	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1163033	273.547	ug/l	100
52) Toluene	8.79	92	308570	50.894	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	172493	47.943	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	178085	47.256	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	132054	49.723	ug/l	96
56) Ethyl methacrylate	9.18	69	206664	48.071	ug/l	98
57) 1,3-Dichloropropane	9.37	76	221444	50.099	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	1650	14.922	ug/l #	49
59) 2-Hexanone	9.50	43	917030	258.829	ug/l	95
60) Dibromochloromethane	9.58	129	136259	51.303	ug/l	98
61) 1,2-Dibromoethane	9.68	107	136205	47.889	ug/l	96
64) Tetrachloroethene	9.33	164	133463	48.100	ug/l	95
65) Chlorobenzene	10.14	112	359047	49.666	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	130541	51.364	ug/l	99
67) Ethyl Benzene	10.26	91	595934	51.922	ug/l	95
68) m/p-Xylenes	10.36	106	461053	102.798	ug/l	96
69) o-Xylene	10.70	106	222880	54.104	ug/l	100
70) Styrene	10.71	104	376290	48.889	ug/l	100
71) Bromoform	10.86	173	111368	51.184	ug/l	96
73) Isopropylbenzene	11.02	105	600036	54.987	ug/l	99
74) N-amyl acetate	10.90	43	274206	45.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	216989	48.849	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	238788	61.537	ug/l	84
77) Bromobenzene	11.26	156	163073	51.449	ug/l	100
78) n-propylbenzene	11.36	91	687520	54.911	ug/l	99
79) 2-Chlorotoluene	11.42	91	415522	53.242	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	510656	51.062	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49551	35.431	ug/l	99
82) 4-Chlorotoluene	11.51	91	483973	52.686	ug/l	100
83) tert-Butylbenzene	11.77	119	515409	57.367	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	531474	51.534	ug/l	100
85) sec-Butylbenzene	11.94	105	606398	55.412	ug/l	100
86) p-Isopropyltoluene	12.07	119	545843	55.053	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	299521	50.607	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	303217	49.629	ug/l	99
89) n-Butylbenzene	12.39	91	470944	52.301	ug/l	100
90) Hexachloroethane	12.60	117	90930	55.083	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	304213	49.185	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53067	54.409	ug/l	98

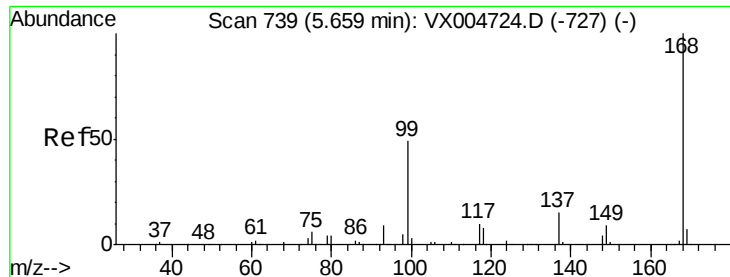
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
Data File : VX005108.D
Acq On : 06 Oct 2018 10:53
Operator : JC/MD
Sample : J5259-03MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

Quant Time: Oct 08 00:58:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	231381	53.329	ug/l	100
94) Hexachlorobutadiene	13.79	225	105918	47.077	ug/l	99
95) Naphthalene	13.83	128	764874	53.069	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	237836	53.065	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

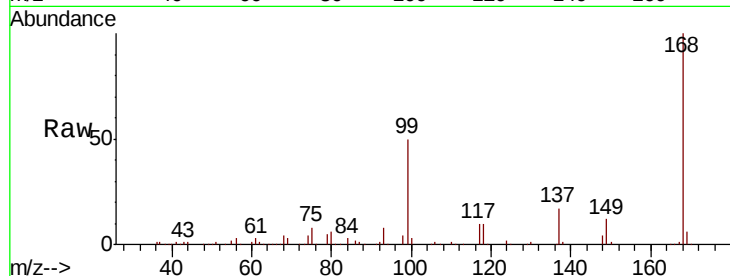
FA18-EX3MS

Tot Ion:168 Resp: 219127

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

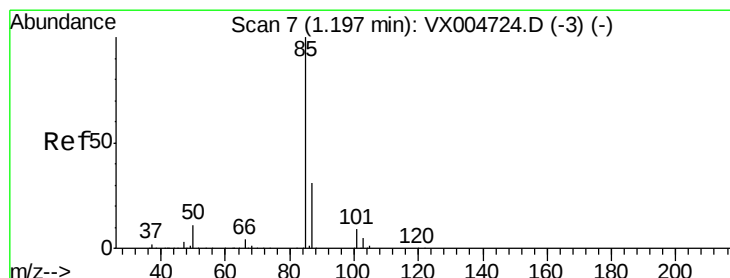
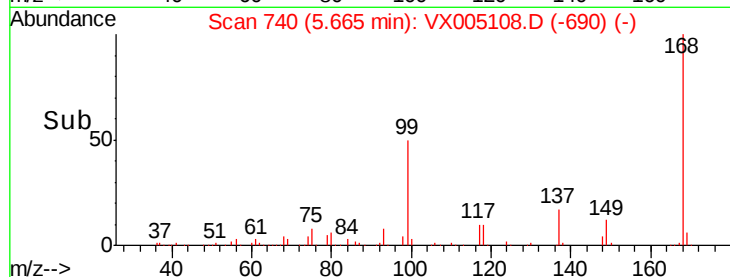
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.155 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005108.D

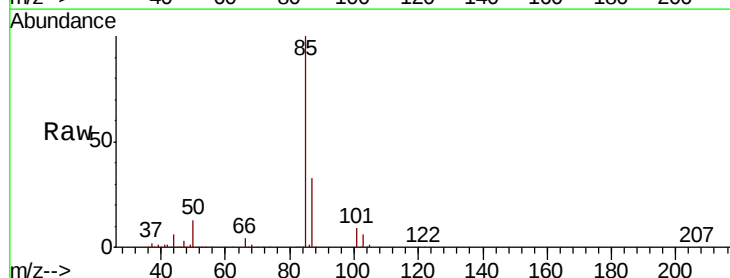
Acq: 06 Oct 2018 10:53

Tgt Ion: 85 Resp: 128934

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

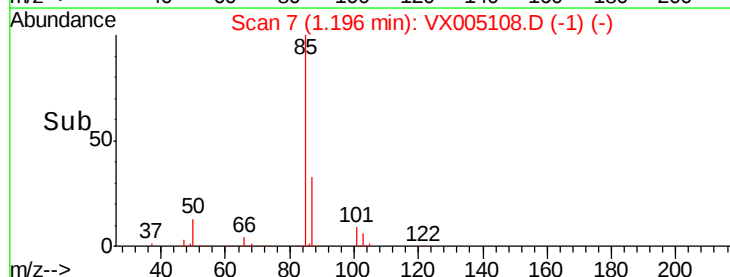
100000

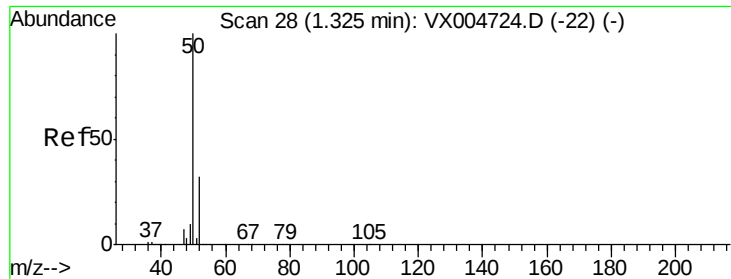
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.831 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

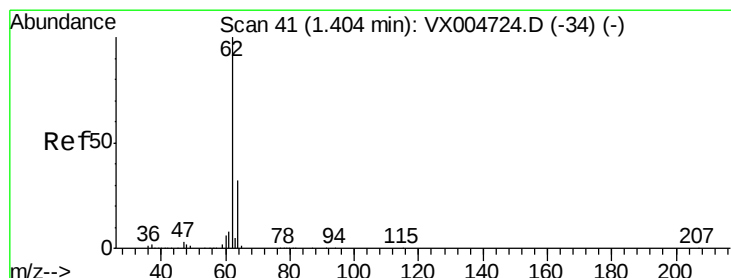
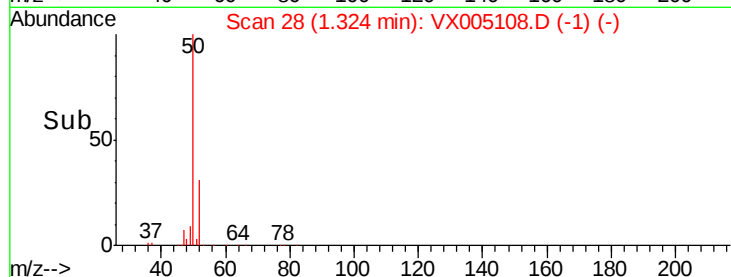
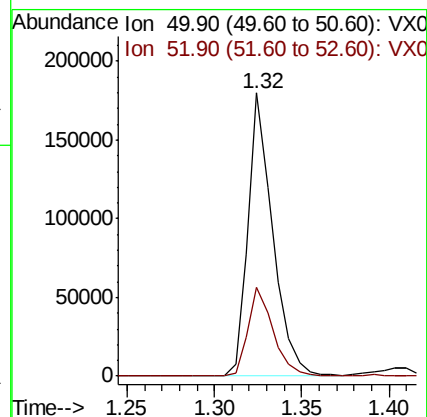
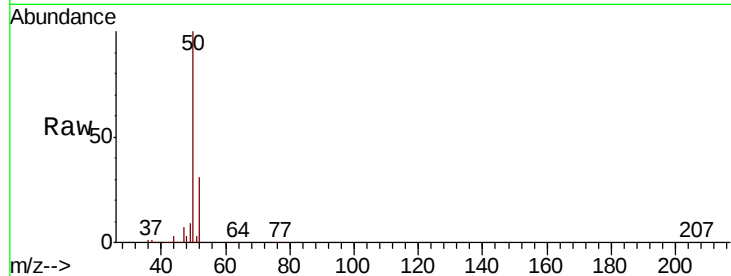
FA18-EX3MS

Tot Ion: 50 Resp: 177004

Ion Ratio Lower Upper

50 100

52 31.3 25.8 38.6



#4

Vinyl Chloride

Concen: 254.892 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005108.D

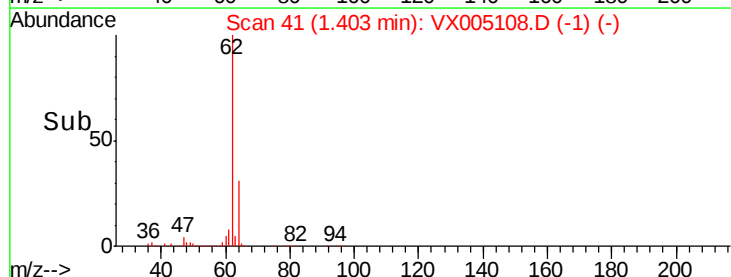
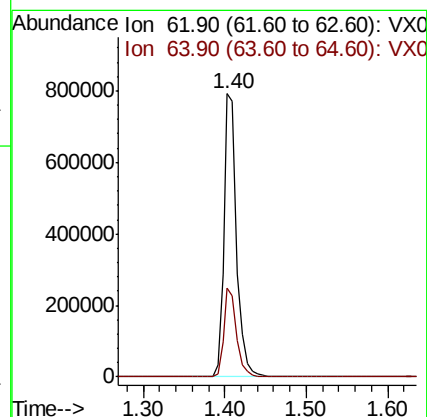
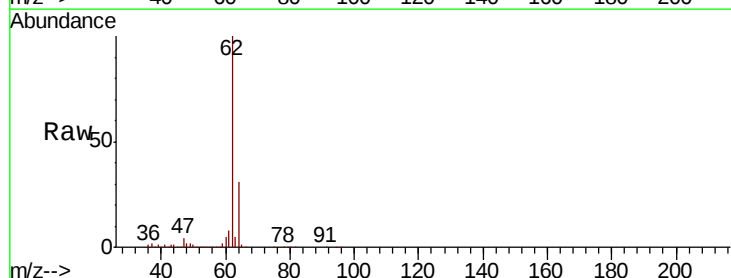
Acq: 06 Oct 2018 10:53

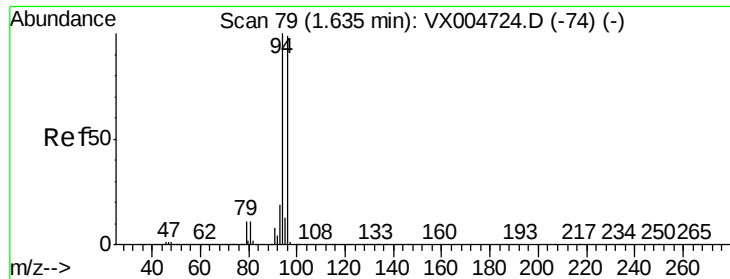
Tgt Ion: 62 Resp: 866569

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 53.220 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampled :

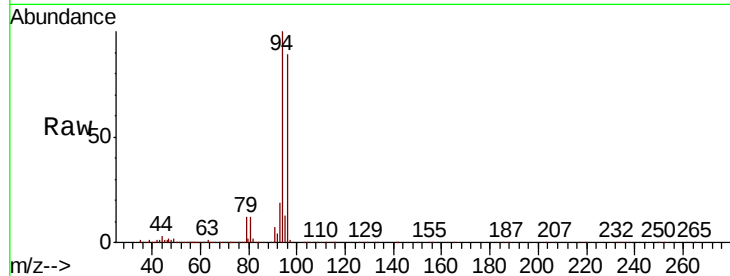
FA18-EX3MS

Tot Ion: 94 Resp: 107292

Ion Ratio Lower Upper

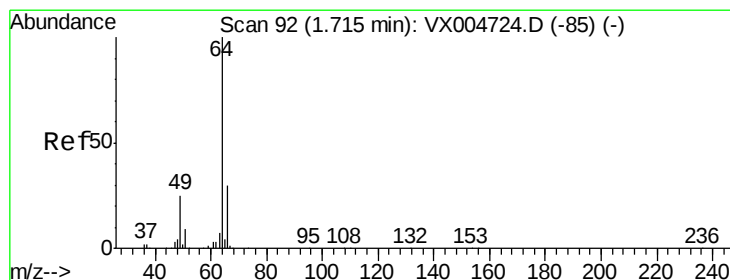
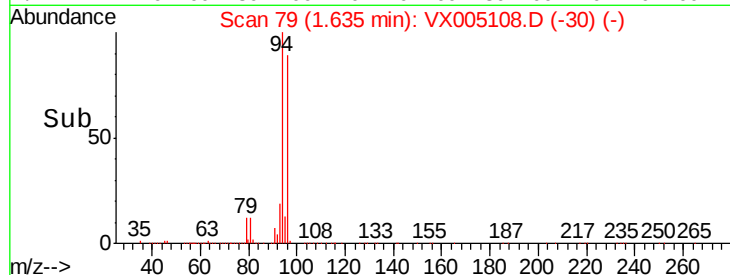
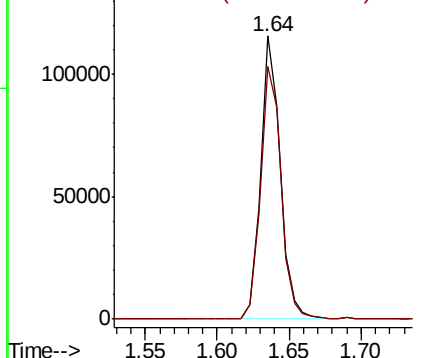
94 100

96 89.1 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.492 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005108.D

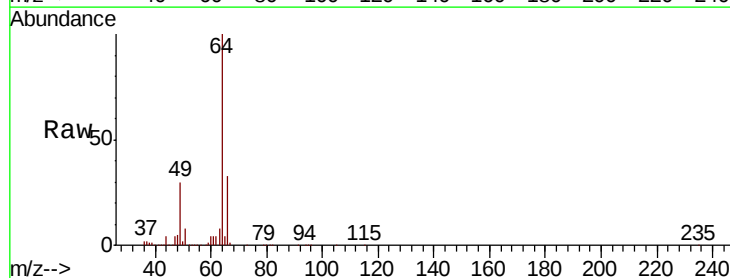
Acq: 06 Oct 2018 10:53

Tgt Ion: 64 Resp: 100575

Ion Ratio Lower Upper

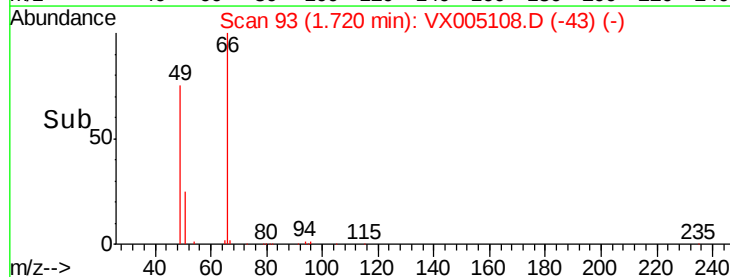
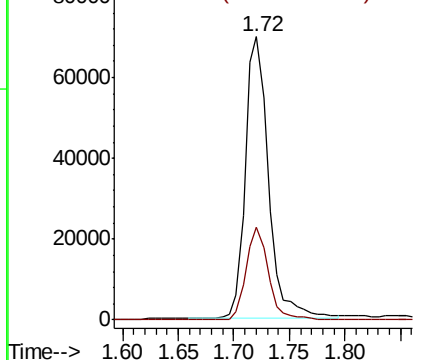
64 100

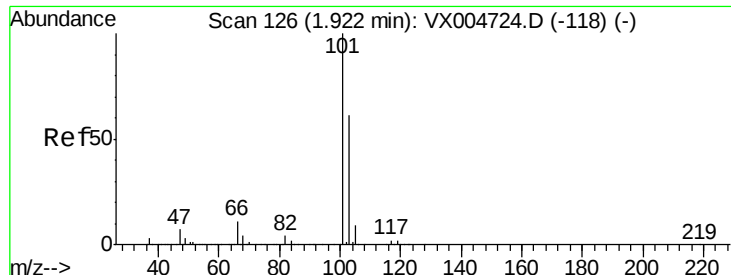
66 32.7 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



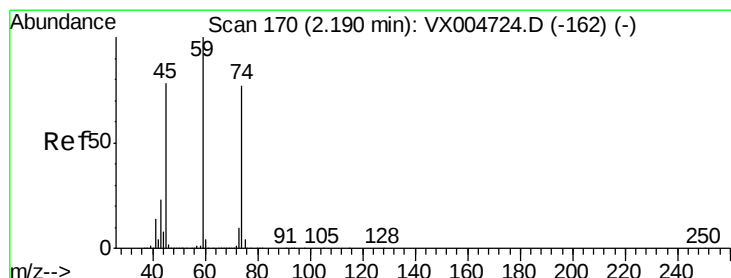
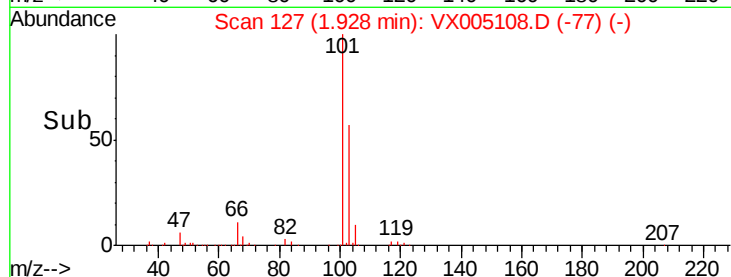
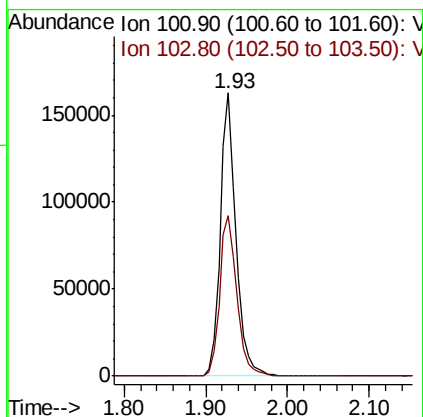
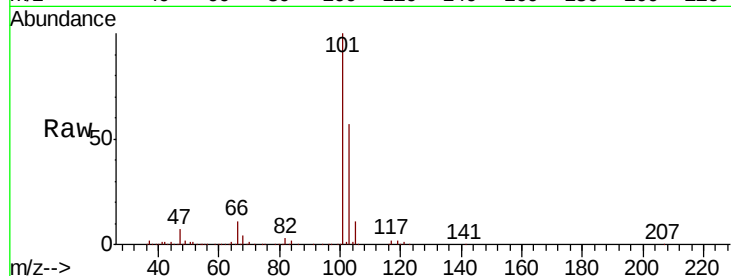


#7

Trichlorofluoromethane
 Concen: 51.831 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MS

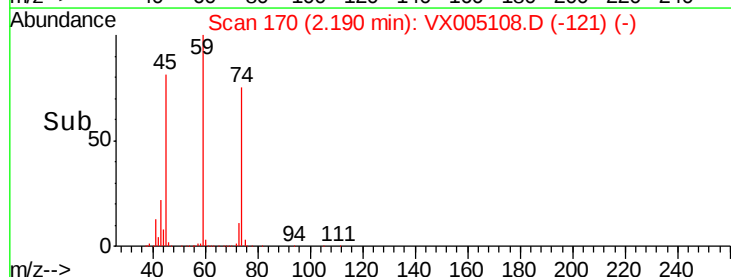
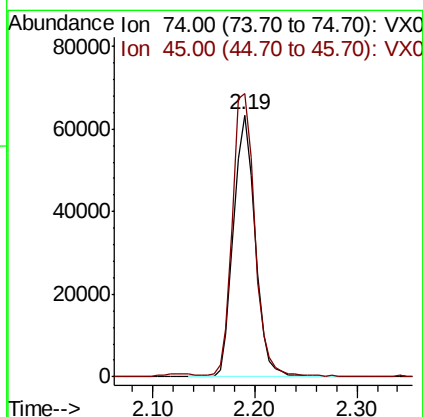
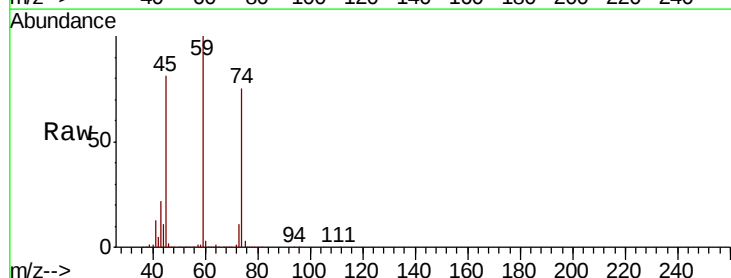
Tot Ion:101 Resp: 218151
 Ion Ratio Lower Upper
 101 100
 103 56.7 48.4 72.6

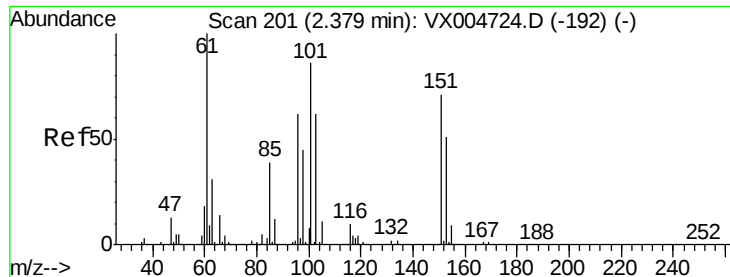


#8

Diethyl Ether
 Concen: 50.652 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Tgt Ion: 74 Resp: 92614
 Ion Ratio Lower Upper
 74 100
 45 110.9 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.390 ug/l

RT: 2.38 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3MS

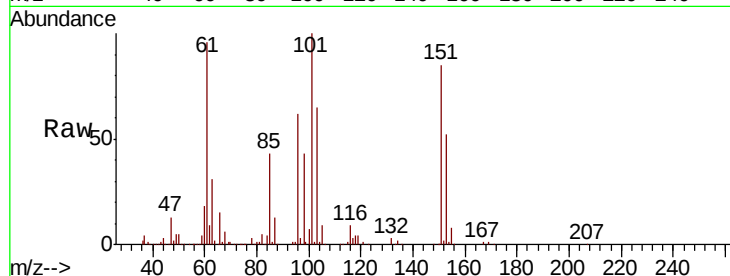
Tot Ion:101 Resp: 106424

Ion Ratio Lower Upper

101 100

85 42.6 35.9 53.9

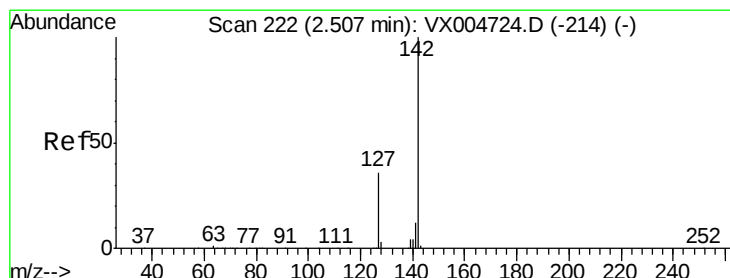
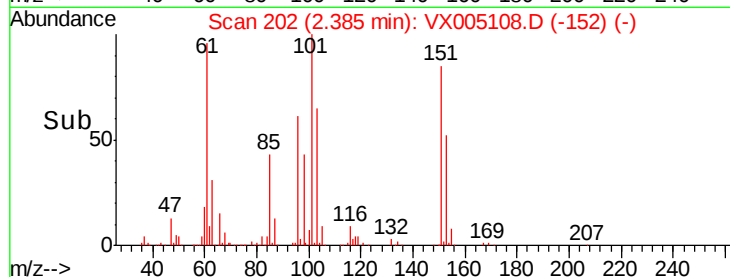
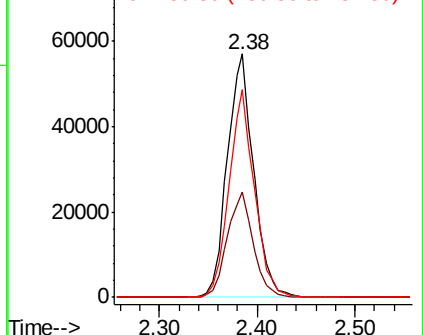
151 82.3 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.123 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

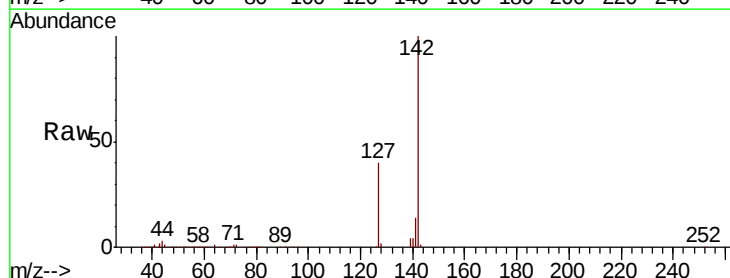
Tgt Ion:142 Resp: 125514

Ion Ratio Lower Upper

142 100

127 44.2 30.1 45.1

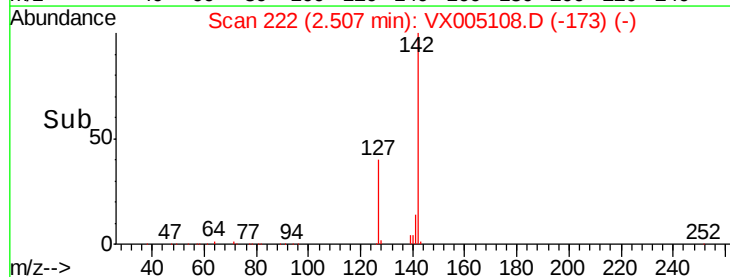
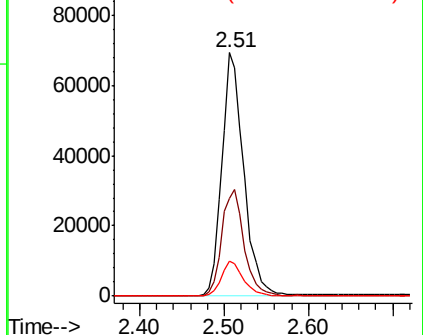
141 14.4 10.1 15.1

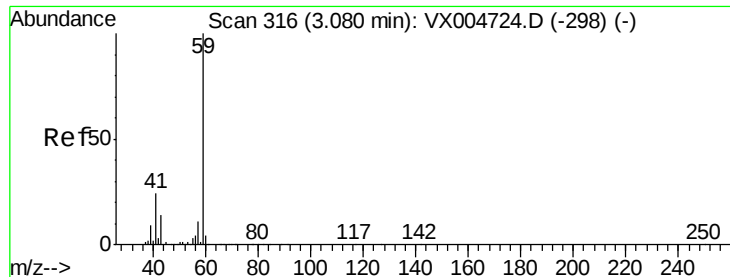


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

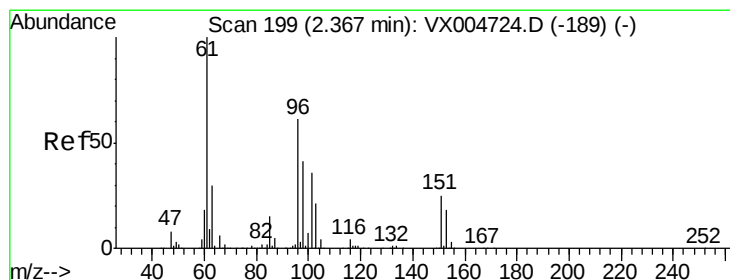
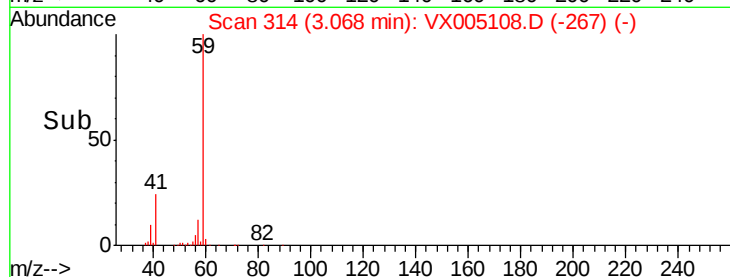
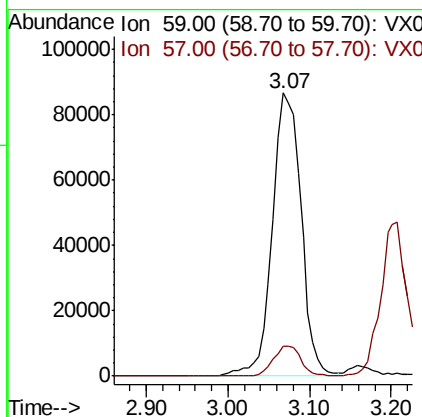
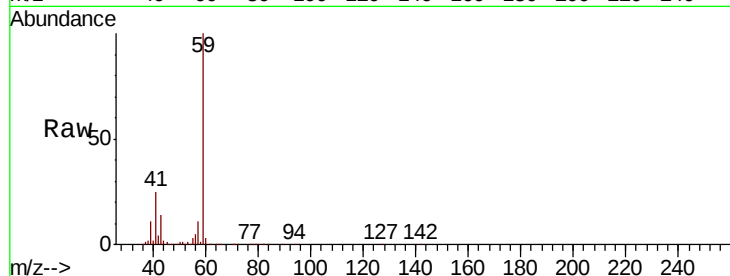




#11
Tert butyl alcohol
Concen: 242.495 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

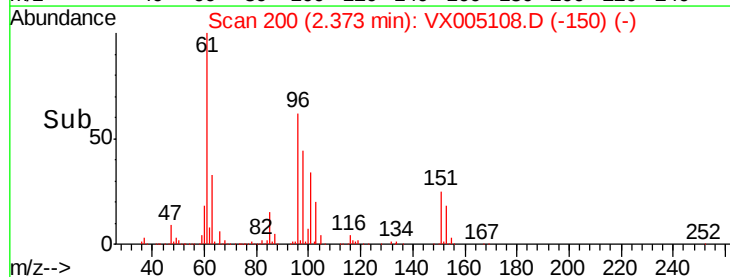
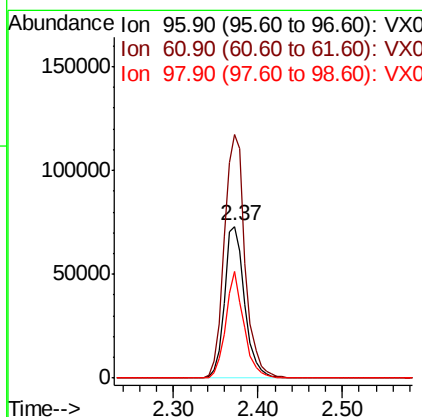
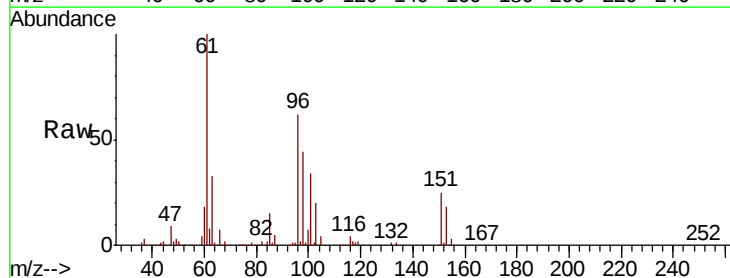
Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

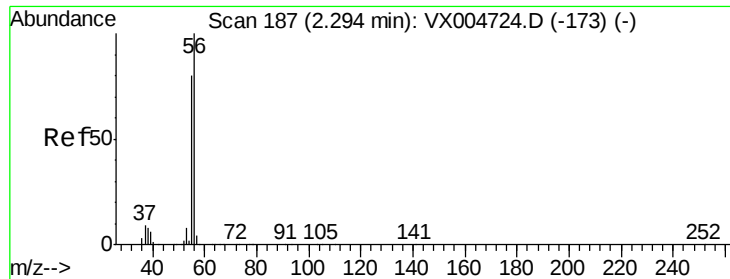
Tot Ion: 59 Resp: 212242
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.419 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion: 96 Resp: 119710
Ion Ratio Lower Upper
96 100
61 160.7 130.2 195.4
98 70.5 53.4 80.0





#13

Acrolein

Concen: 61.118 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

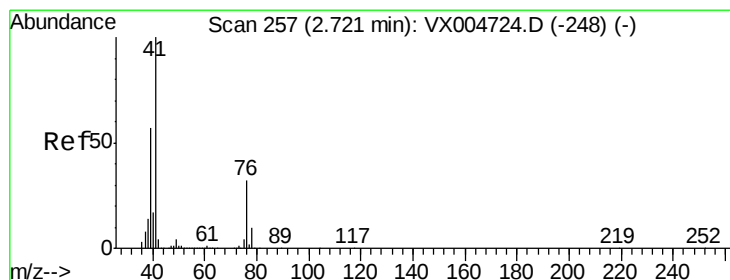
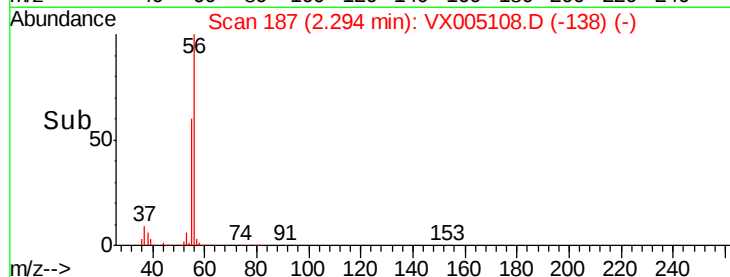
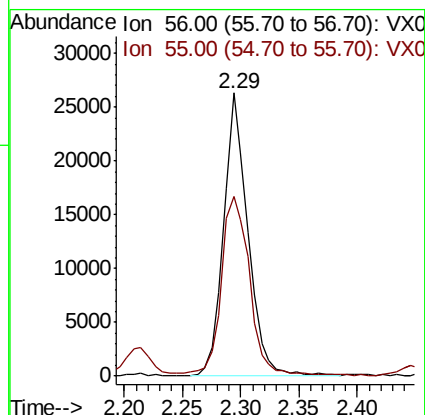
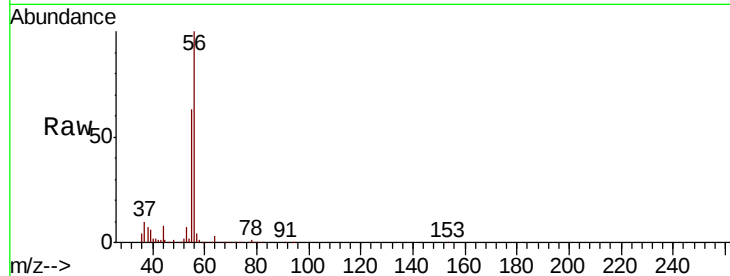
FA18-EX3MS

Tot Ion: 56 Resp: 38060

Ion Ratio Lower Upper

56 100

55 73.2 63.4 95.2



#14

Allyl chloride

Concen: 50.892 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

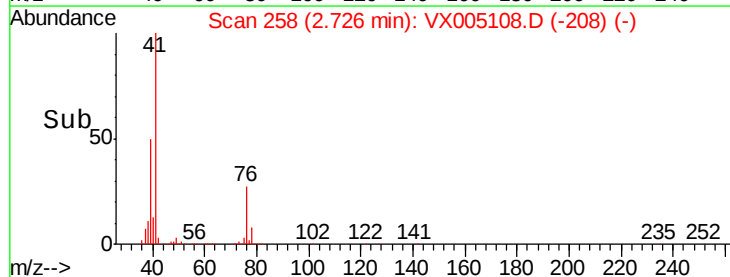
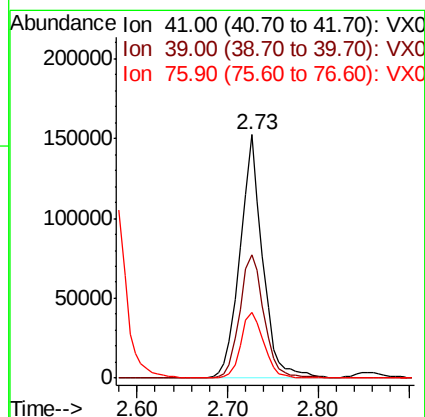
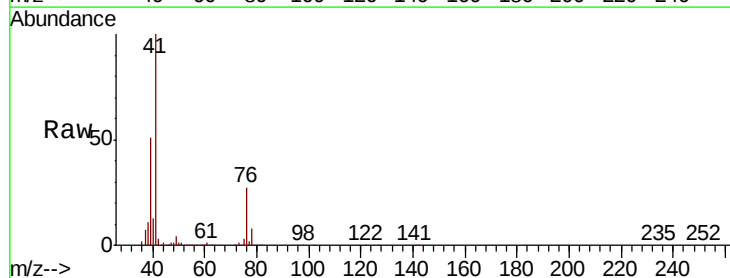
Tgt Ion: 41 Resp: 263647

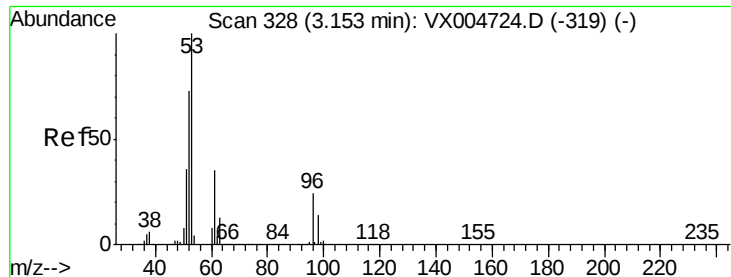
Ion Ratio Lower Upper

41 100

39 54.3 44.1 66.1

76 27.1 25.0 37.4

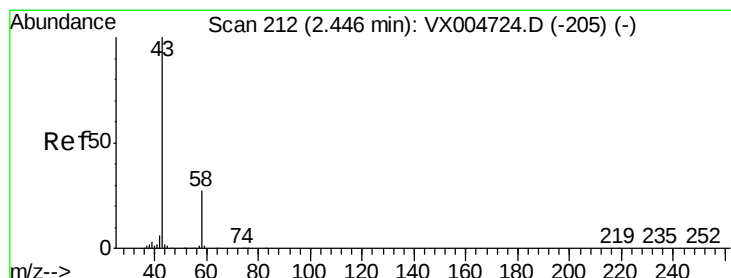
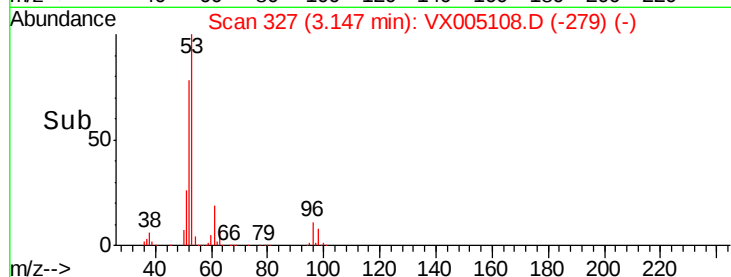
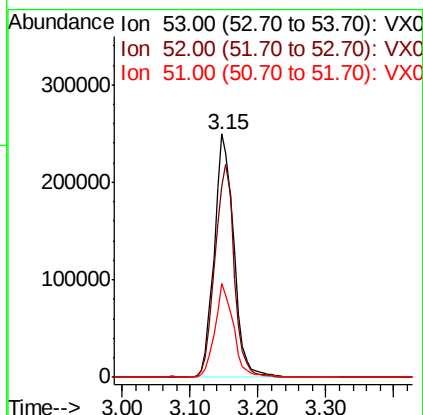
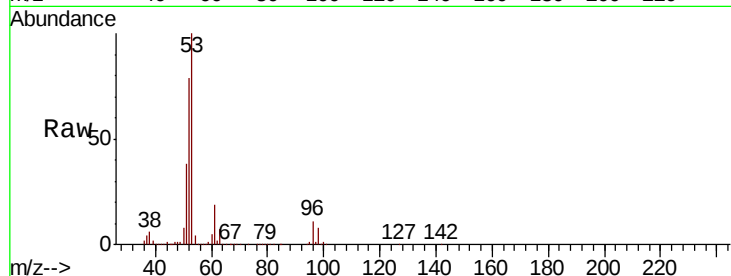




#15
 Acrylonitrile
 Concen: 257.755 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

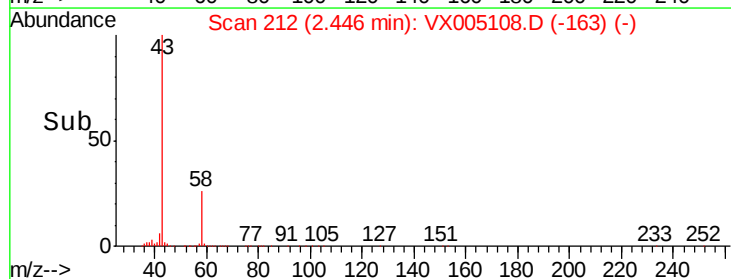
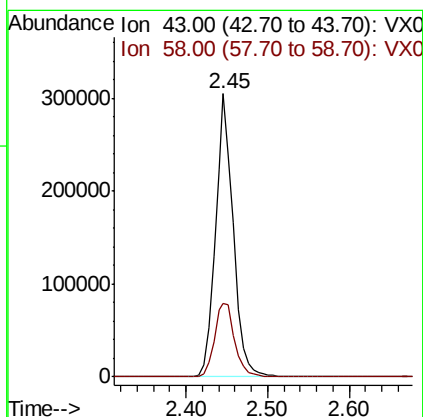
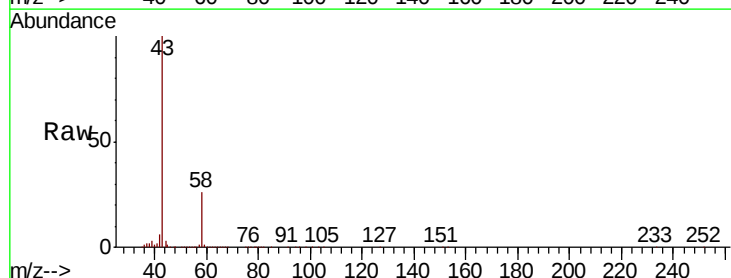
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MS

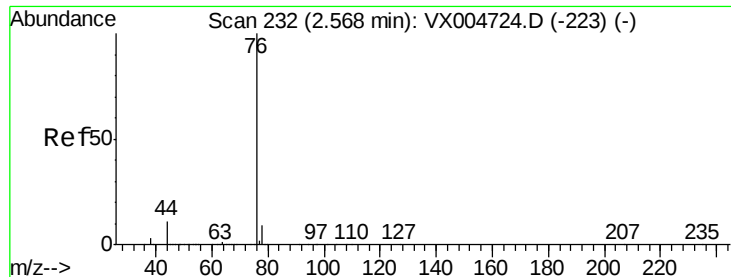
Tot Ion	Ratio	Lower	Upper
53	100		
52	85.9	63.0	94.4
51	36.6	28.6	42.8



#16
 Acetone
 Concen: 253.915 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.8	21.8	32.6





#17

Carbon Disulfide

Concen: 45.107 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

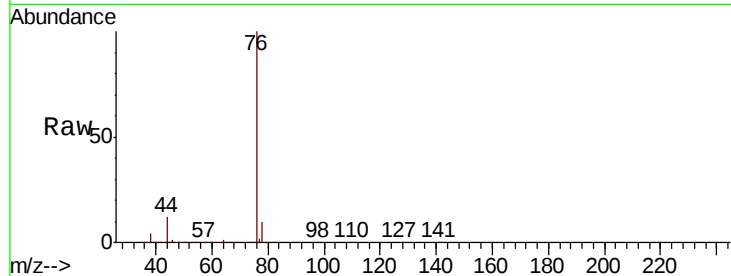
FA18-EX3MS

Tot Ion: 76 Resp: 321814

Ion Ratio Lower Upper

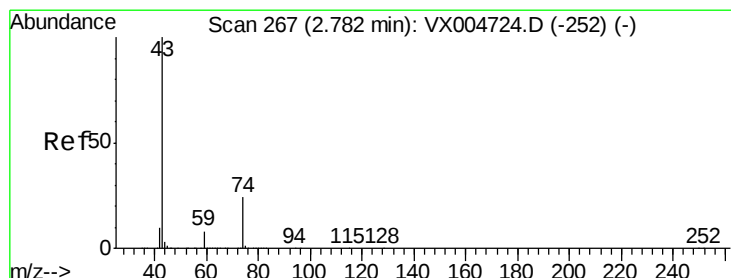
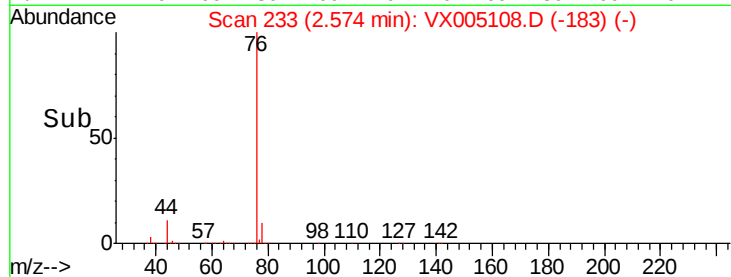
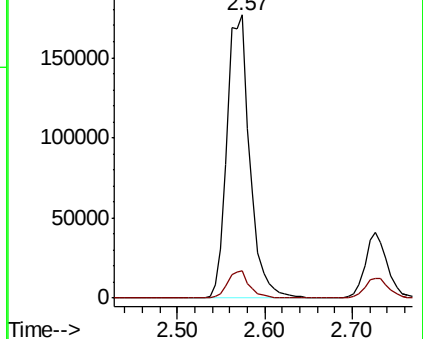
76 100

78 9.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 61.984 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005108.D

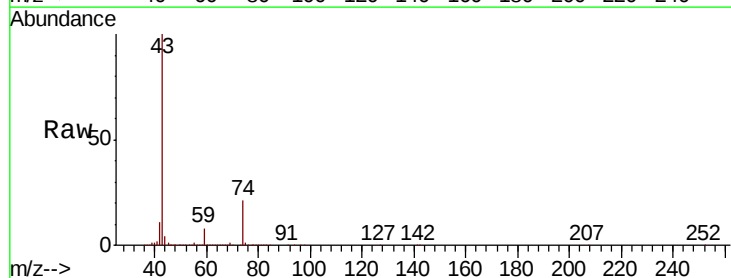
Acq: 06 Oct 2018 10:53

Tgt Ion: 43 Resp: 286994

Ion Ratio Lower Upper

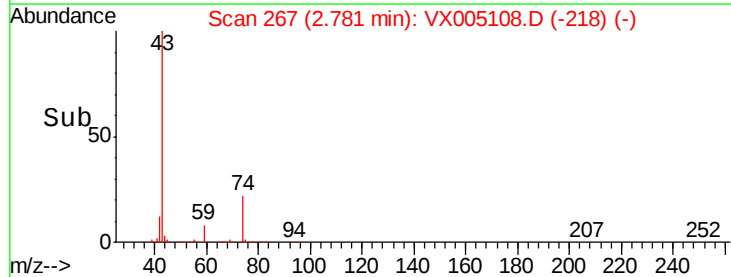
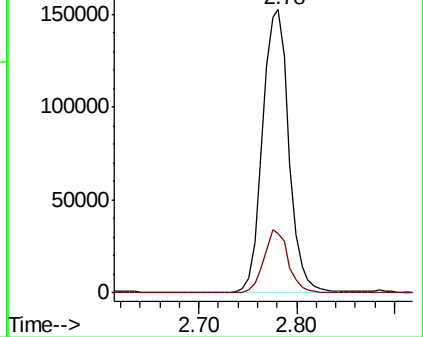
43 100

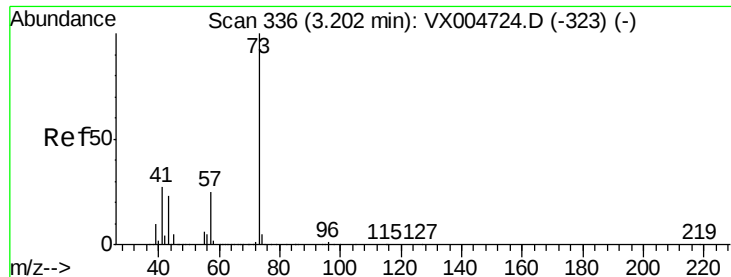
74 21.0 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

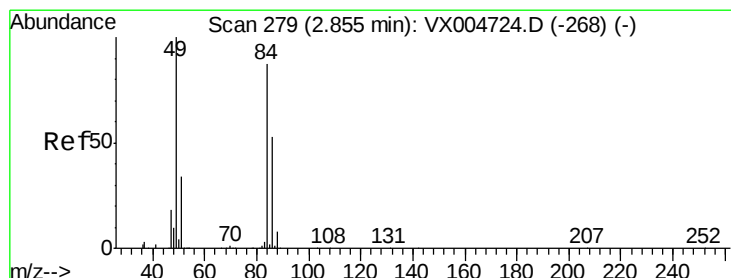
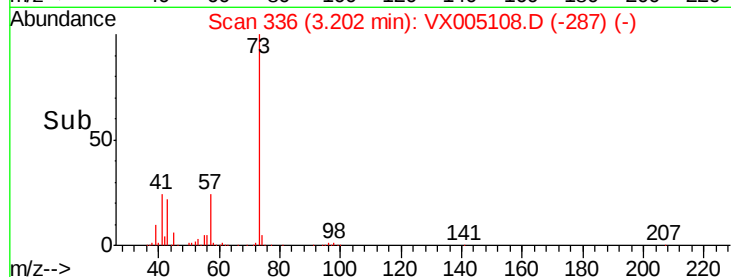
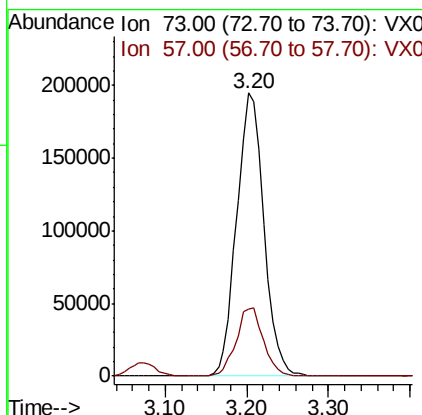
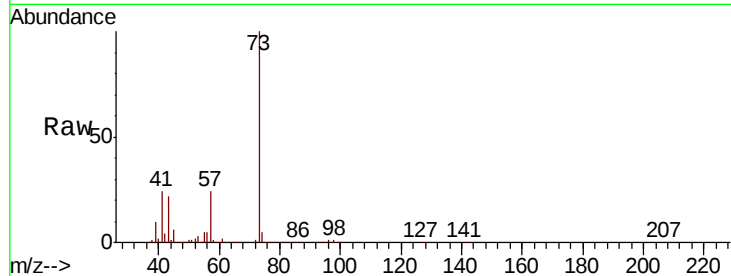




#19
Methvl tert-butvl Ether
Concen: 54.869 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

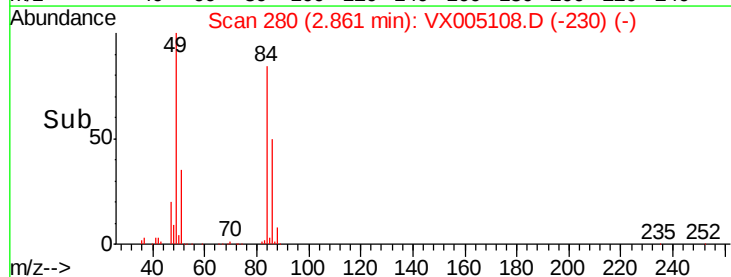
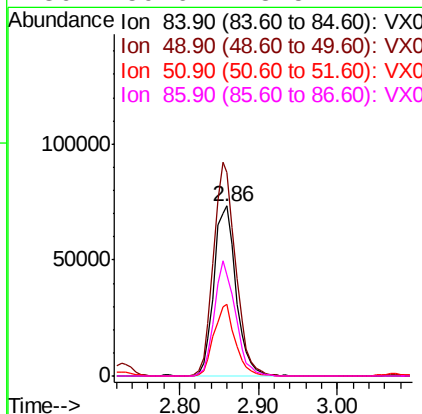
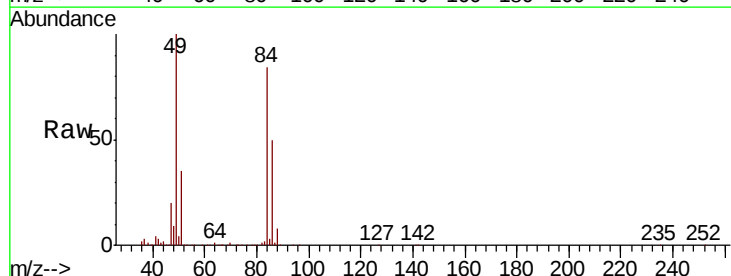
Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

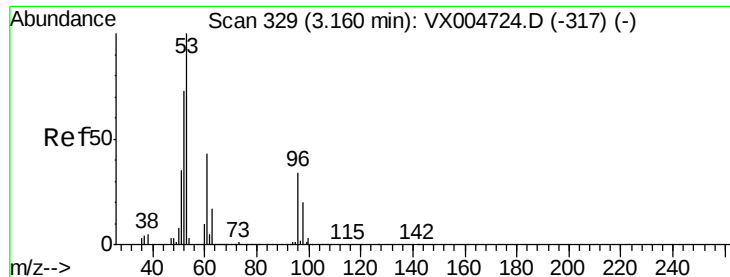
Tot Ion: 73 Resp: 449364
Ion Ratio Lower Upper
73 100
57 23.7 19.9 29.9



#20
Methylene Chloride
Concen: 54.391 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion: 84 Resp: 144325
Ion Ratio Lower Upper
84 100
49 119.3 92.3 138.5
51 41.8 31.8 47.6
86 59.6 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 49.338 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3MS

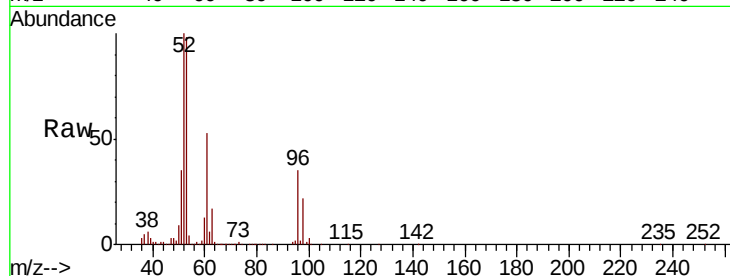
Tot Ion: 96 Resp: 128236

Ion Ratio Lower Upper

96 100

61 149.4 101.0 151.6

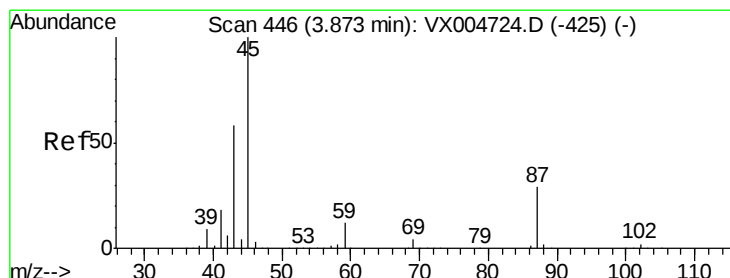
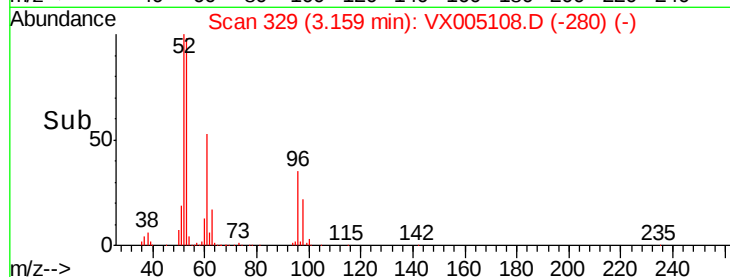
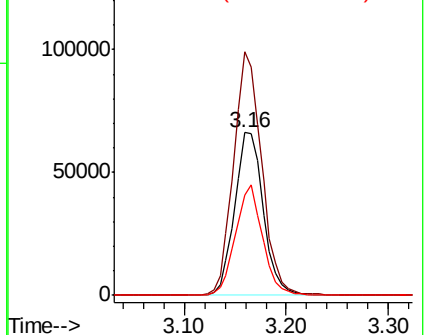
98 61.5 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 56.097 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Tgt Ion: 45 Resp: 489366

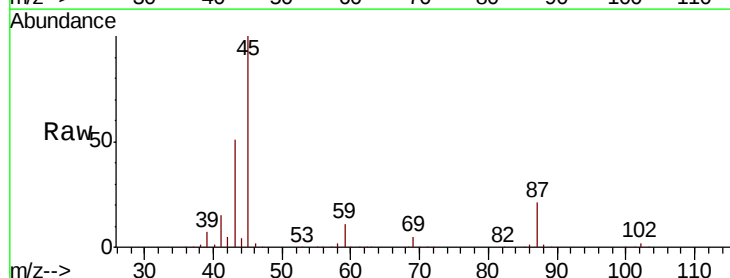
Ion Ratio Lower Upper

45 100

43 51.4 46.7 70.1

87 21.2 22.9 34.3#

59 11.1 9.3 13.9

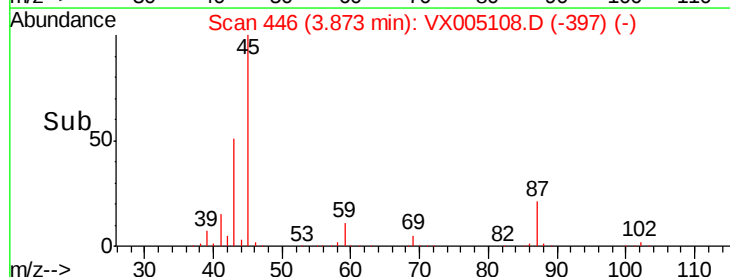
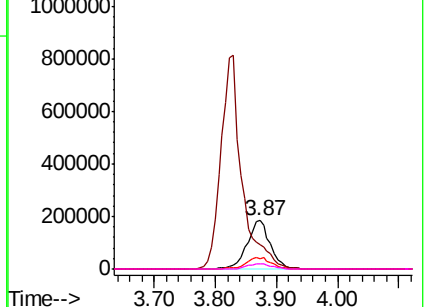


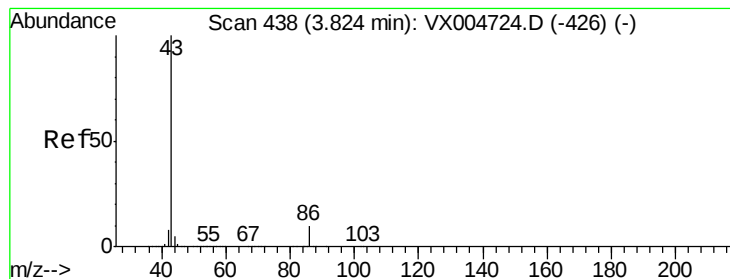
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 243.876 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

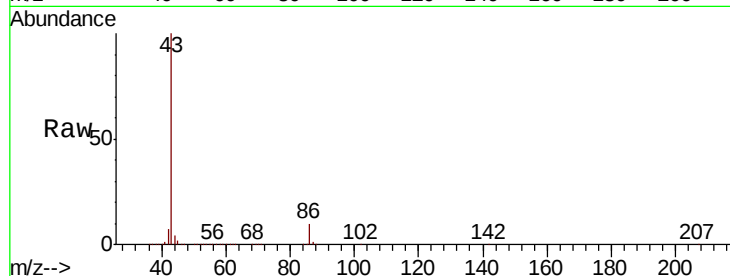
FA18-EX3MS

Tot Ion: 43 Resp: 1947407

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

600000

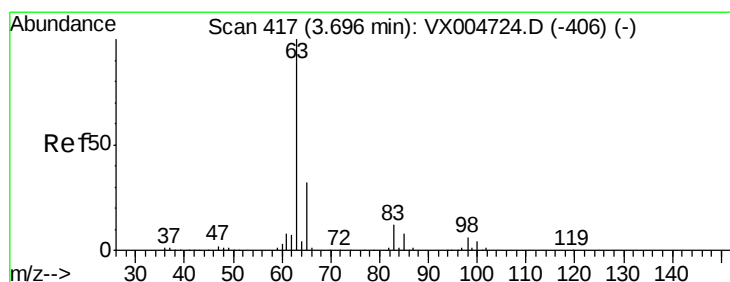
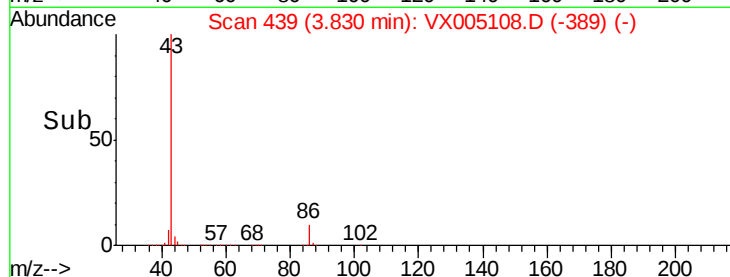
400000

200000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.557 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

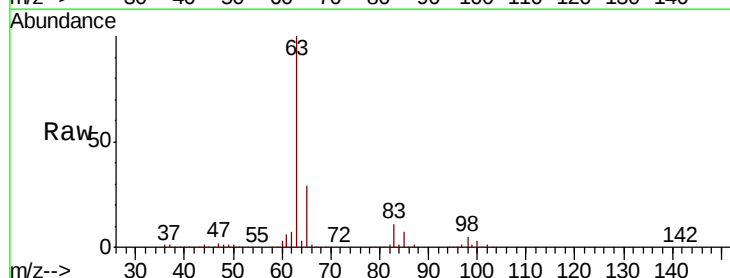
Tgt Ion: 63 Resp: 263084

Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

100 3.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

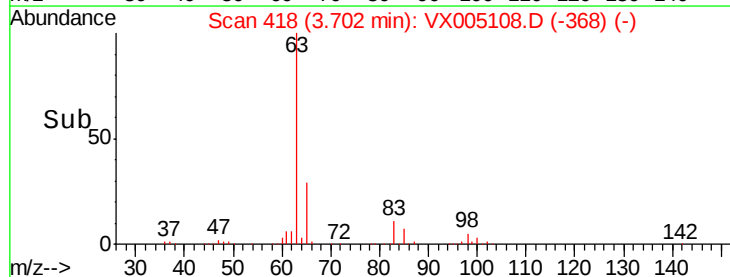
100000

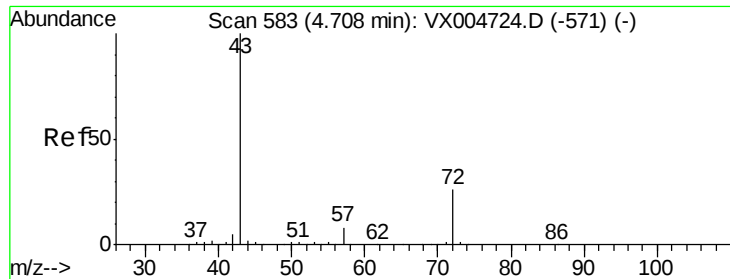
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 265.758 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

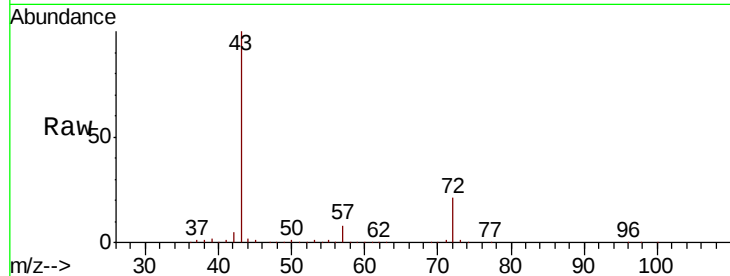
FA18-EX3MS

Tot Ion: 43 Resp: 715891

Ion Ratio Lower Upper

43 100

72 21.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-571) (-)

Ion 72.00 (71.70 to 72.70): VX004724.D (-571) (-)

4.70

250000

200000

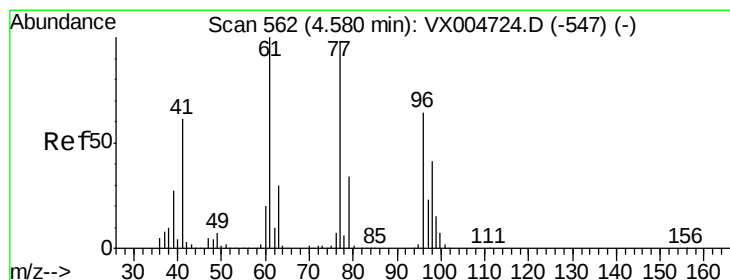
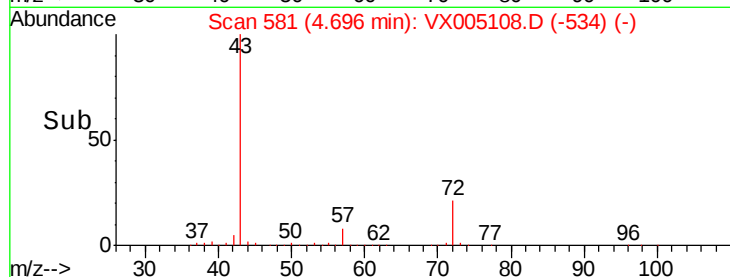
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 28.548 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005108.D

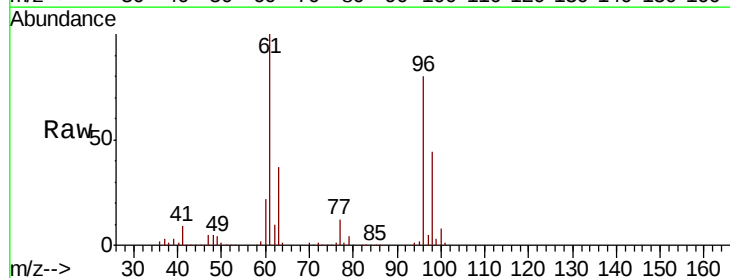
Acq: 06 Oct 2018 10:53

Tgt Ion: 77 Resp: 103449

Ion Ratio Lower Upper

77 100

97 51.8 12.6 37.8#



Abundance Ion 76.90 (76.60 to 77.60): VX004724.D (-547) (-)

Ion 96.90 (96.60 to 97.60): VX004724.D (-547) (-)

4.58

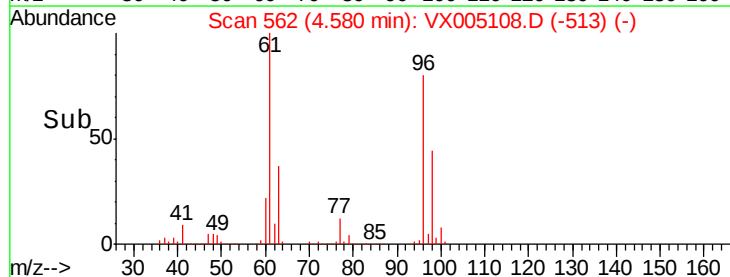
30000

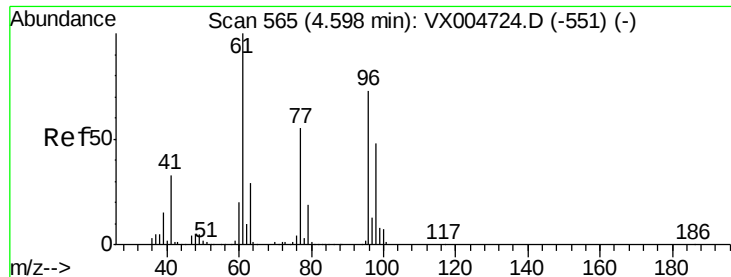
20000

10000

0

Time-->



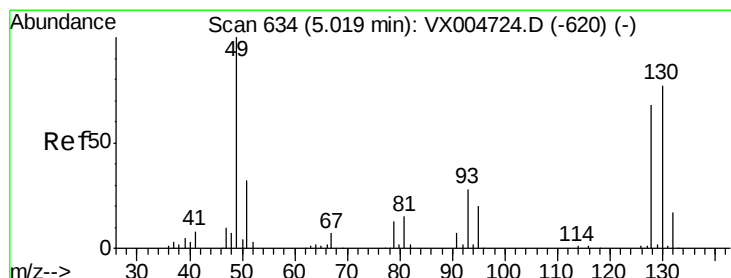
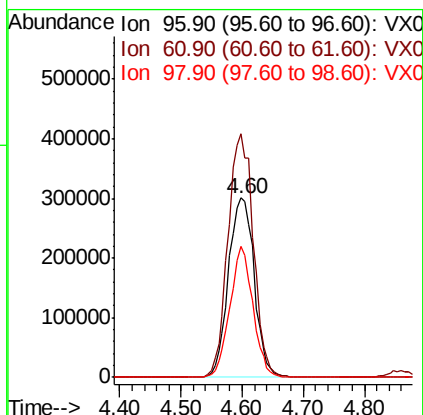
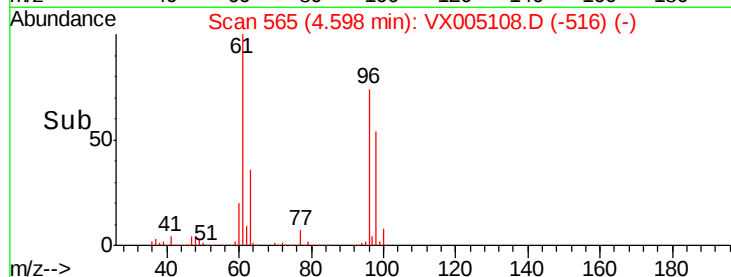
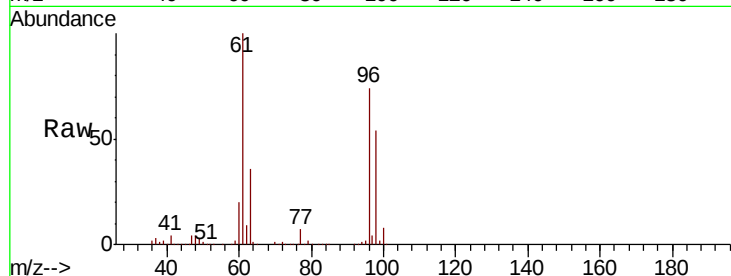


#27

cis-1,2-Dichloroethene
Concen: 298.447 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Instrument :
MSVOA_X
ClientSampled :
FA18-EX3MS

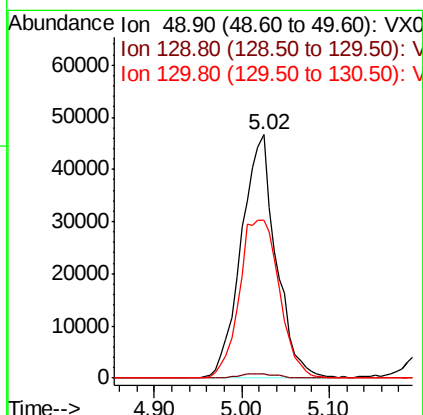
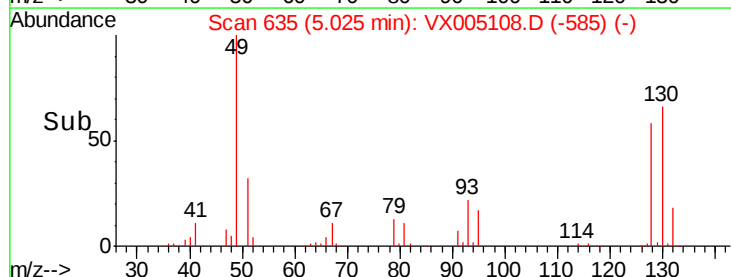
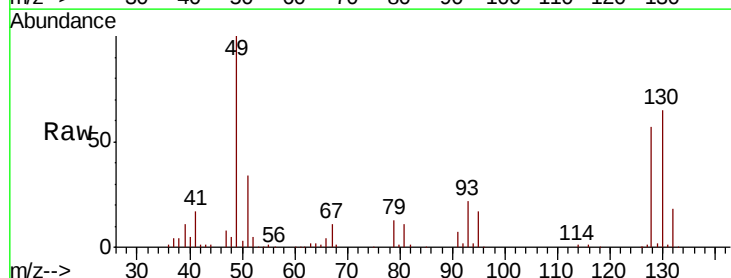
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	285.8
98	65.2	0.0	136.2

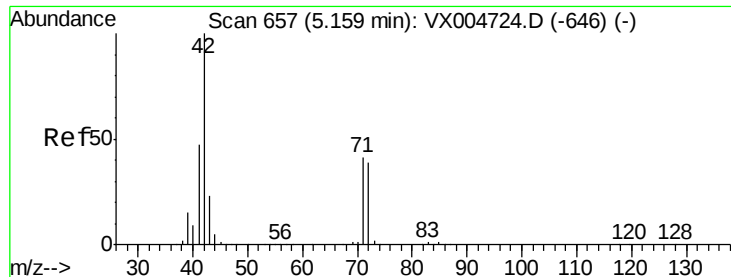


#28

Bromochloromethane
Concen: 52.659 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	75.0	62.0	93.0





#29

Tetrahydrofuran

Concen: 267.228 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3MS

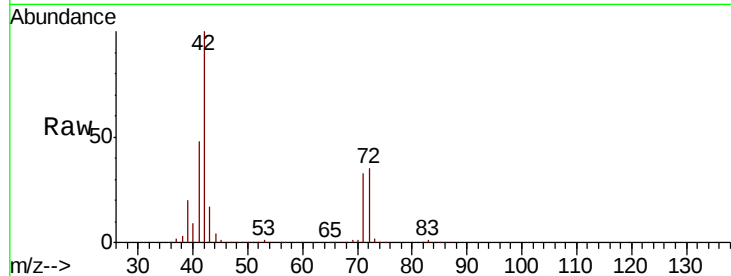
Tot Ion: 42 Resp: 447413

Ion Ratio Lower Upper

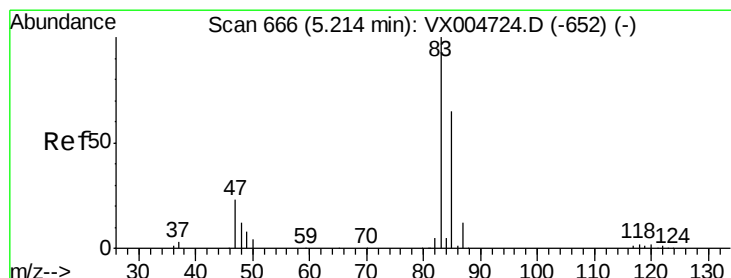
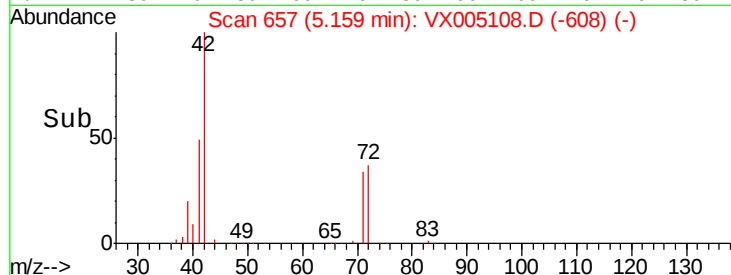
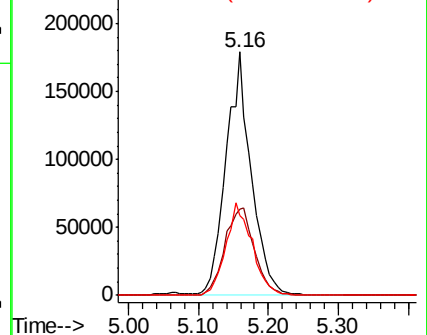
42 100

72 42.3 33.7 50.5

71 39.7 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.248 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005108.D

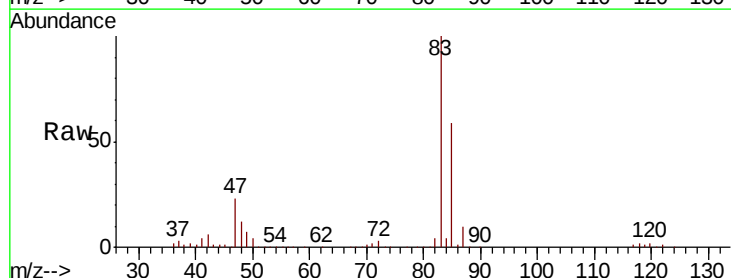
Acq: 06 Oct 2018 10:53

Tgt Ion: 83 Resp: 252038

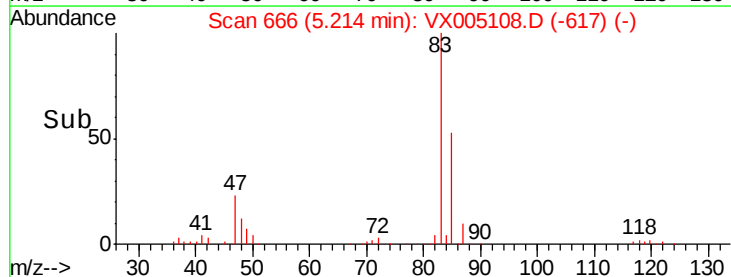
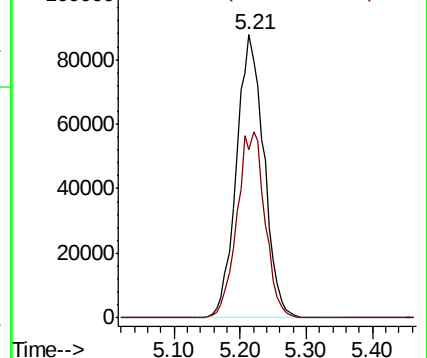
Ion Ratio Lower Upper

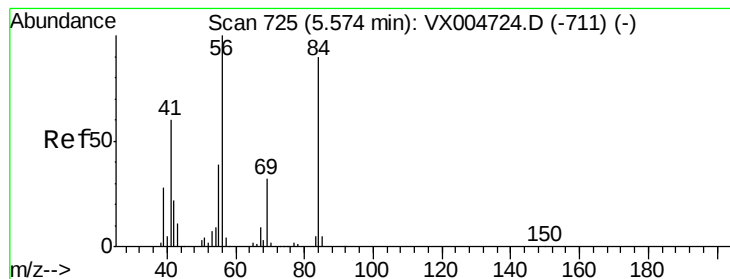
83 100

85 59.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.436 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3MS

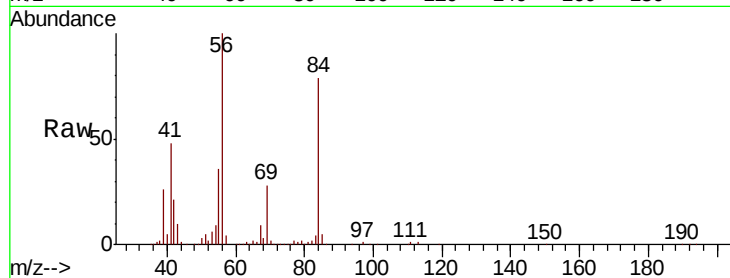
Tot Ion: 56 Resp: 196891

Ion Ratio Lower Upper

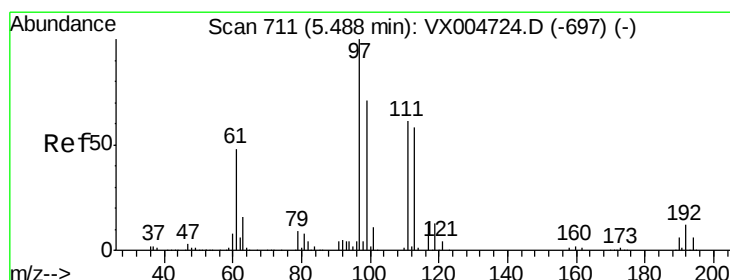
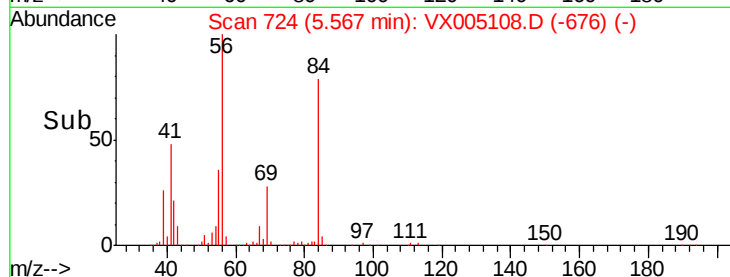
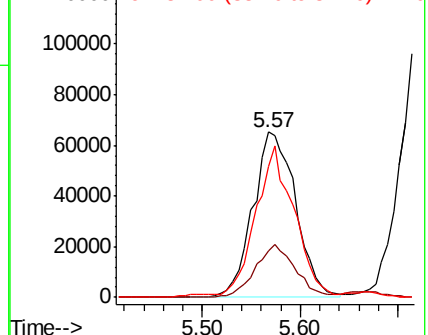
56 100

69 27.6 25.9 38.9

84 77.4 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.558 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

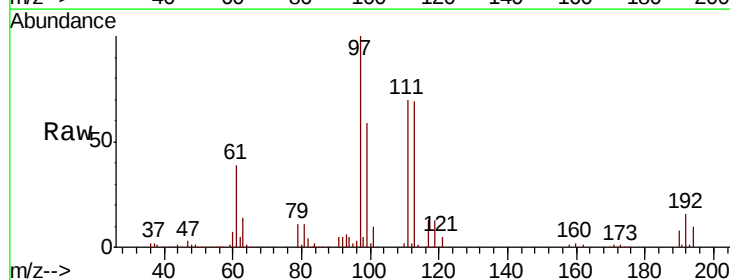
Tgt Ion: 97 Resp: 211098

Ion Ratio Lower Upper

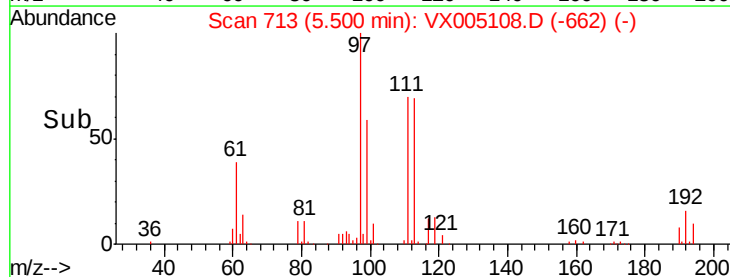
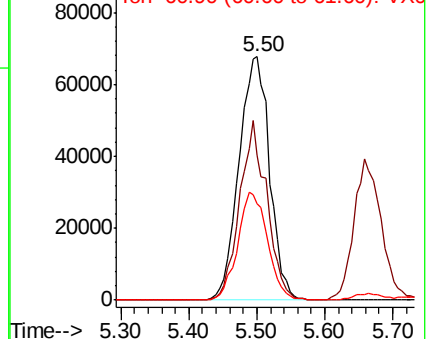
97 100

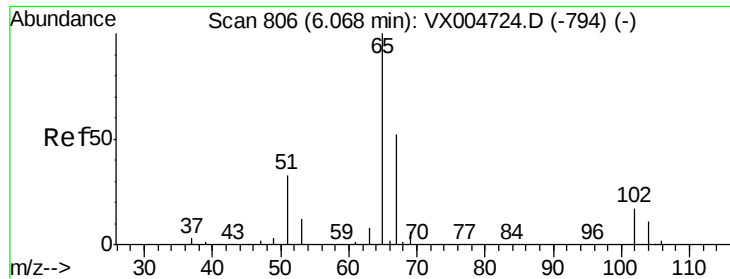
99 65.8 54.6 82.0

61 43.3 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.842 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

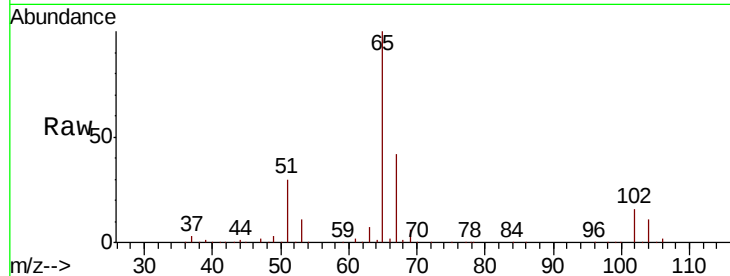
FA18-EX3MS

Tot Ion: 65 Resp: 168539

Ion Ratio Lower Upper

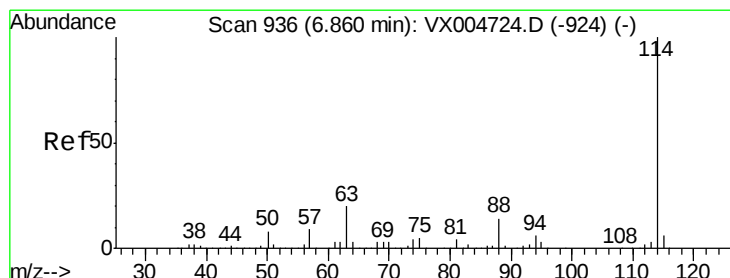
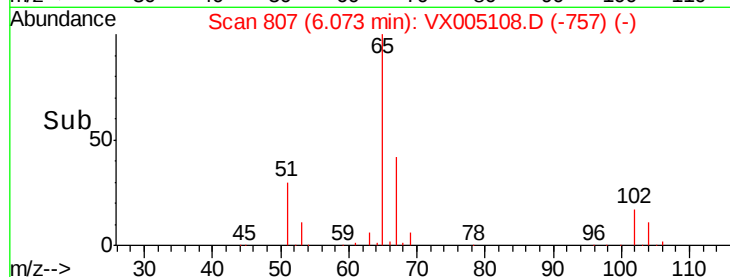
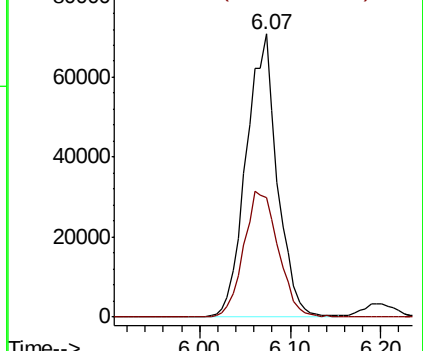
65 100

67 49.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

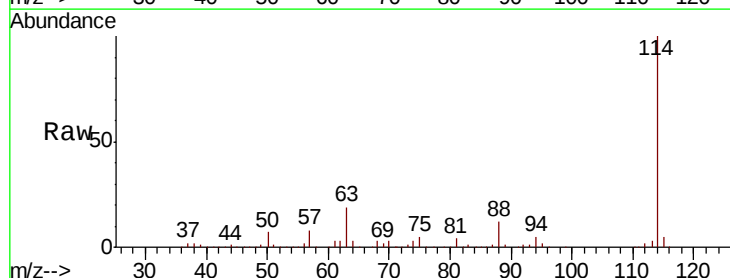
Tgt Ion: 114 Resp: 304797

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

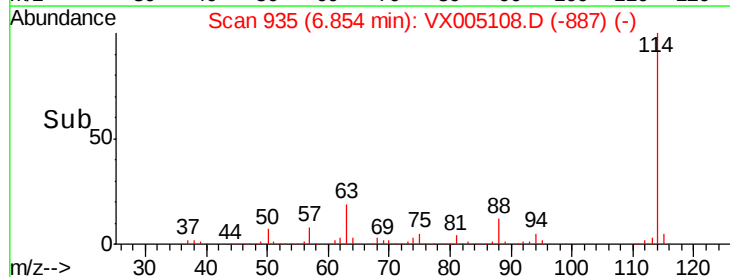
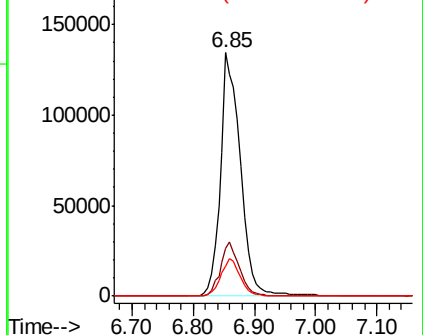
88 12.2 0.0 27.0

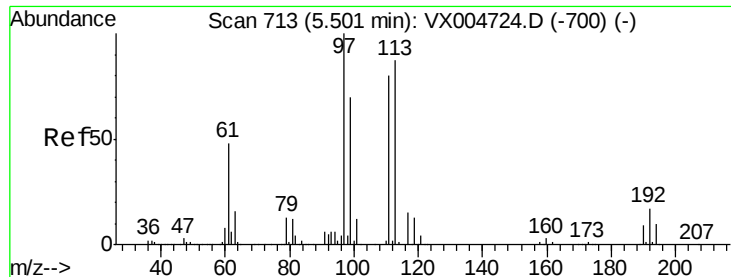


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.903 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3MS

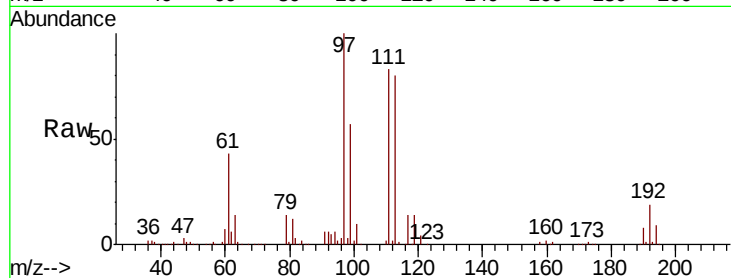
Tot Ion:113 Resp: 136659

Ion Ratio Lower Upper

113 100

111 100.4 77.0 115.4

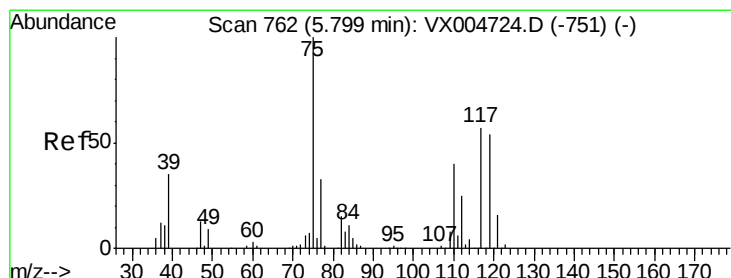
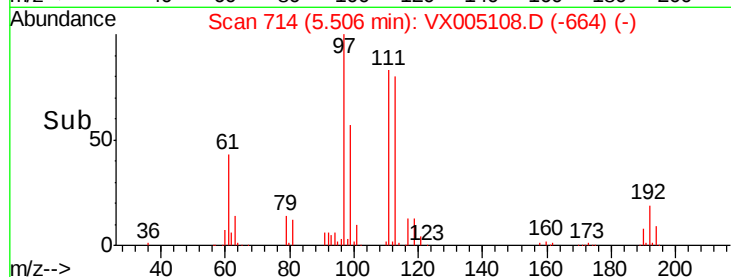
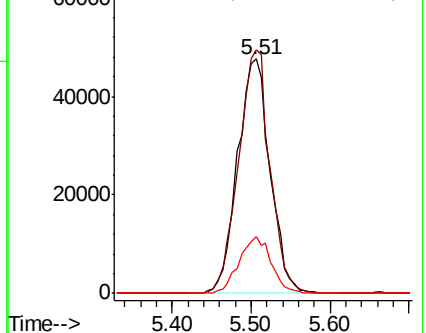
192 23.7 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.338 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

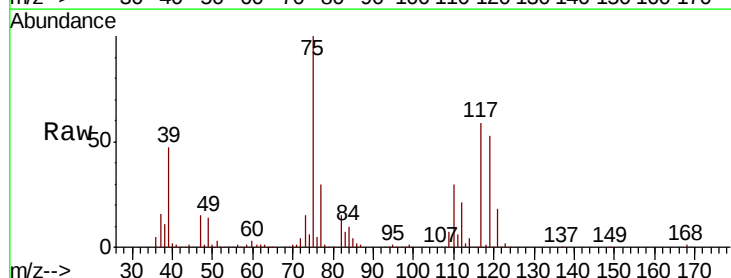
Tgt Ion: 75 Resp: 180939

Ion Ratio Lower Upper

75 100

110 34.8 20.0 59.9

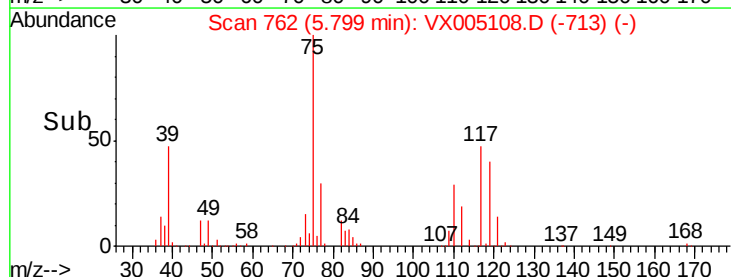
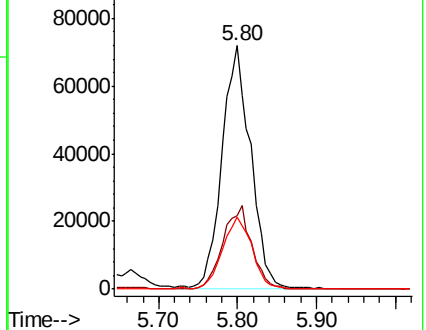
77 30.5 27.1 40.7

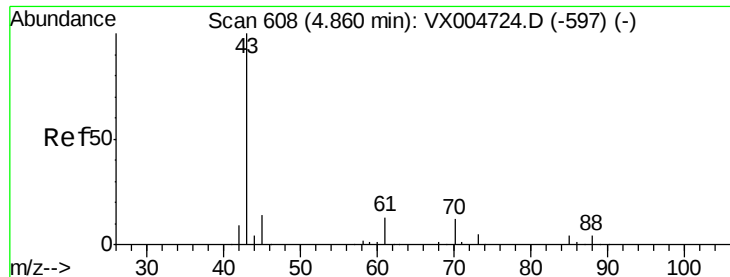


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.397 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3MS

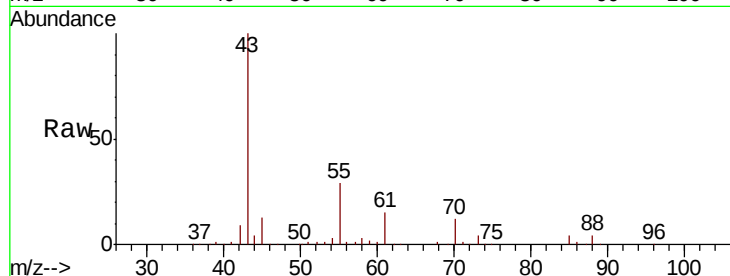
Tot Ion: 43 Resp: 235775

Ion Ratio Lower Upper

43 100

61 13.9 10.4 15.6

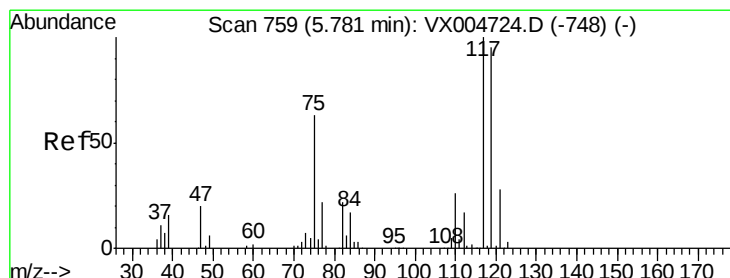
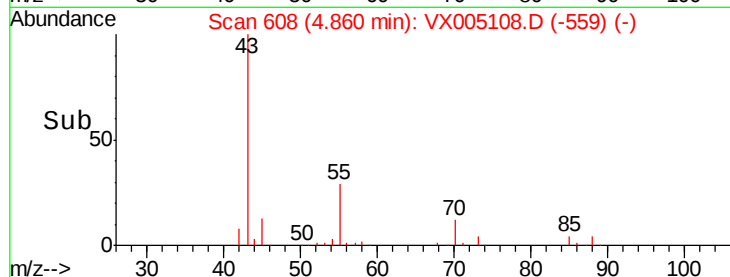
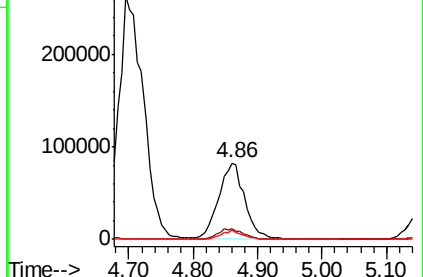
70 10.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 49.594 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

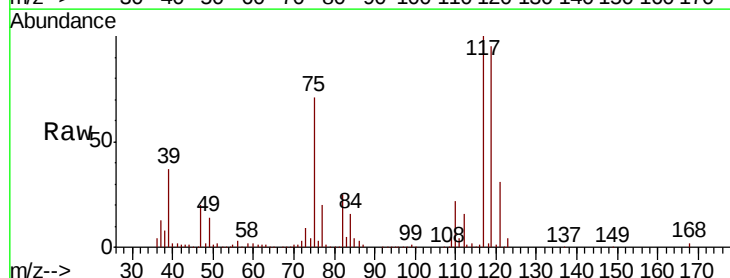
Tgt Ion: 117 Resp: 183738

Ion Ratio Lower Upper

117 100

119 94.6 75.2 112.8

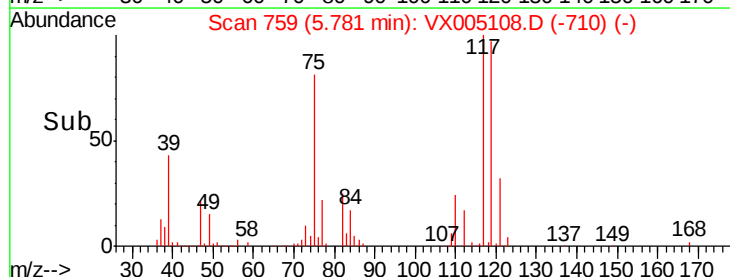
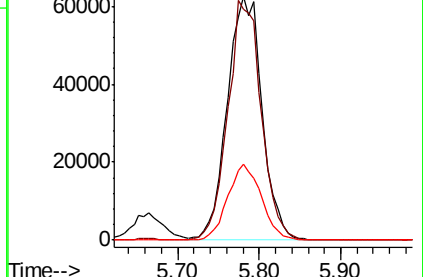
121 31.3 22.5 33.7

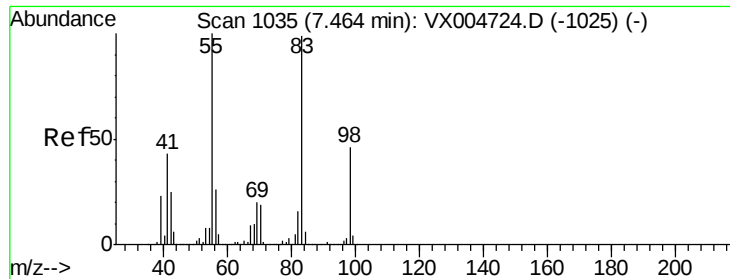


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)

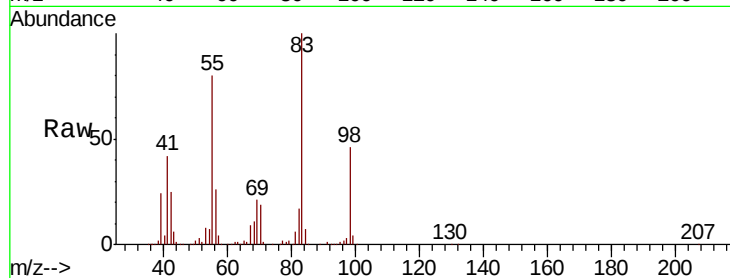




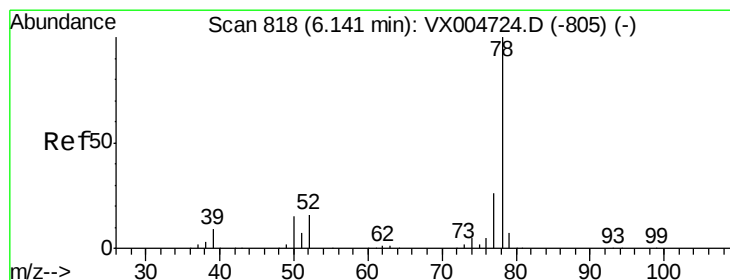
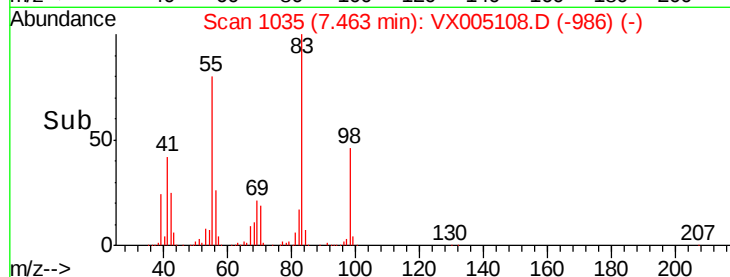
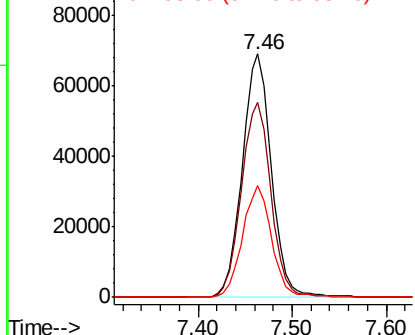
#39
Methvlcvclohexane
Concen: 41.378 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

Tot Ion: 83 Resp: 148912
Ion Ratio Lower Upper
83 100
55 80.1 81.1 121.7#
98 45.7 37.3 55.9

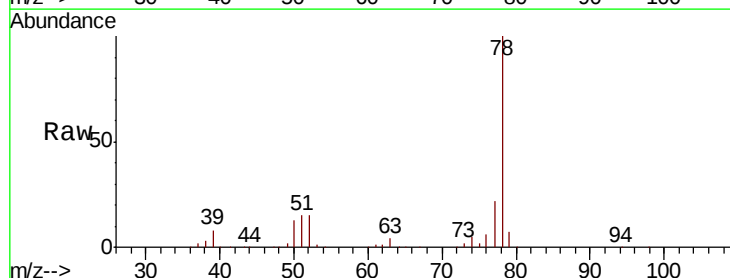


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

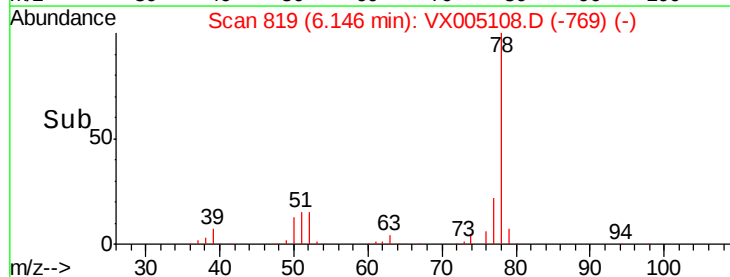
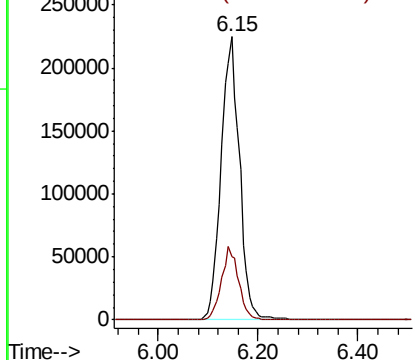


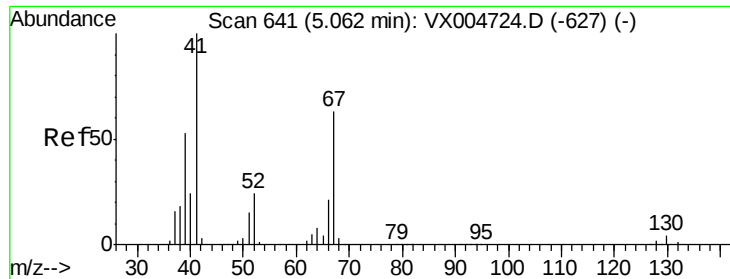
#40
Benzene
Concen: 52.251 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion: 78 Resp: 576534
Ion Ratio Lower Upper
78 100
77 22.3 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

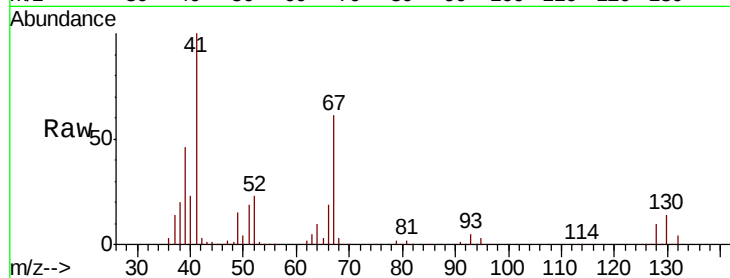




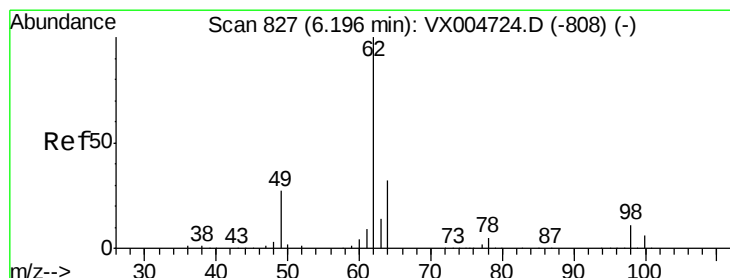
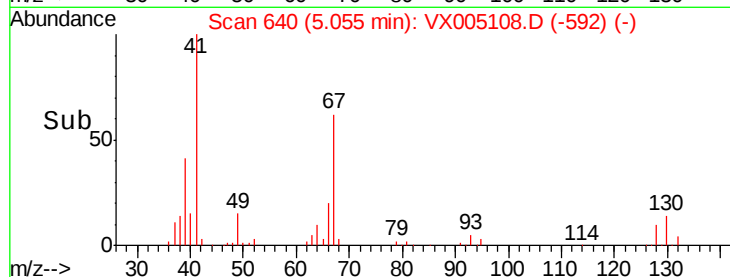
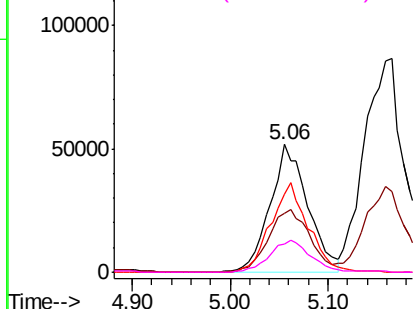
#41
Methacrylonitrile
Concen: 53.341 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

Tot Ion:	41	Resp:	138392
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.5	63.7
67	70.5	53.0	79.6
52	27.1	19.8	29.8

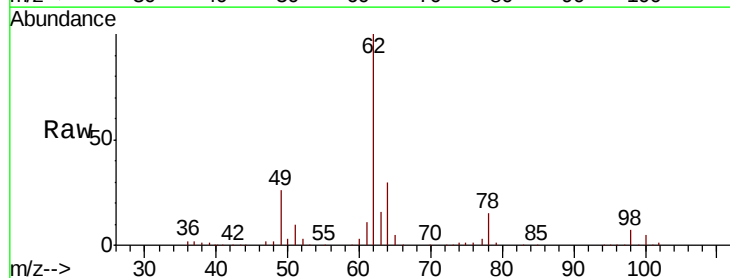


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

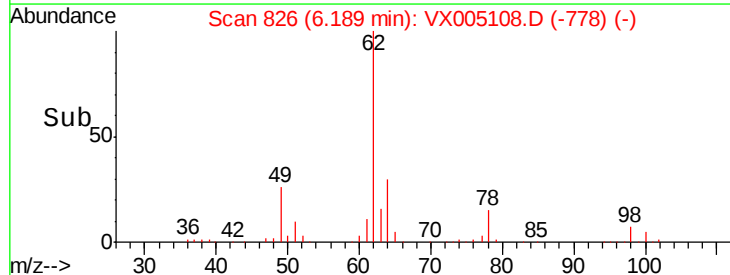
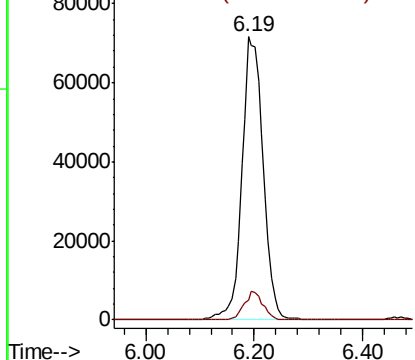


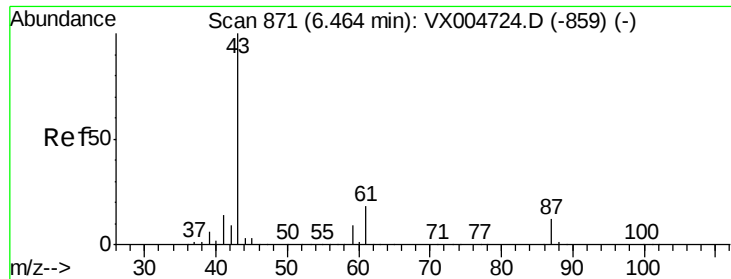
#42
1,2-Dichloroethane
Concen: 49.792 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion:	62	Resp:	194217
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2



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



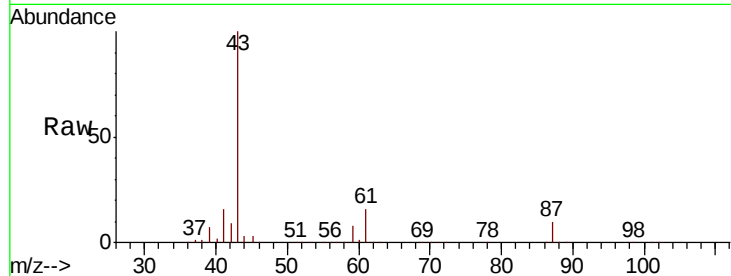


#43

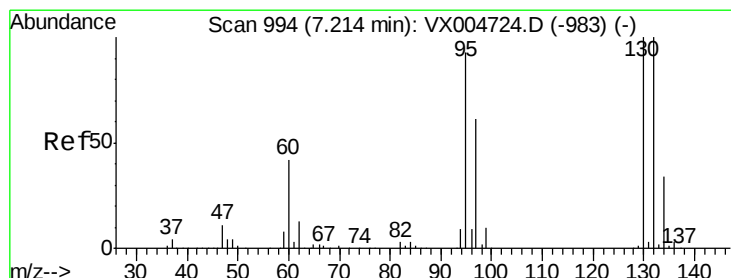
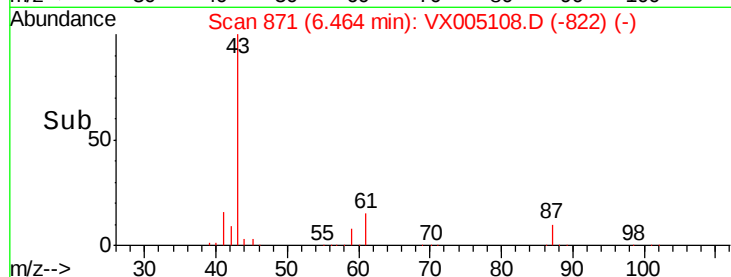
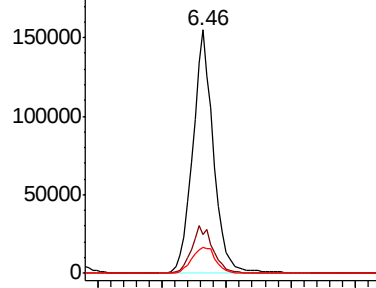
Isopropyl Acetate
 Concen: 51.740 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MS

Tot Ion: 43 Resp: 349374
 Ion Ratio Lower Upper
 43 100
 61 20.3 14.2 21.4
 87 12.3 9.3 13.9



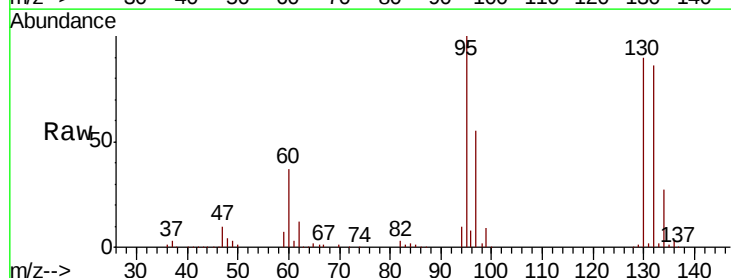
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



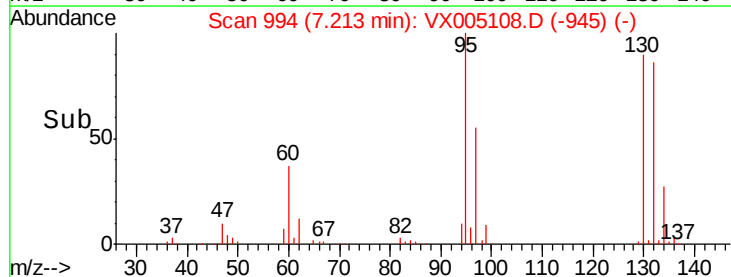
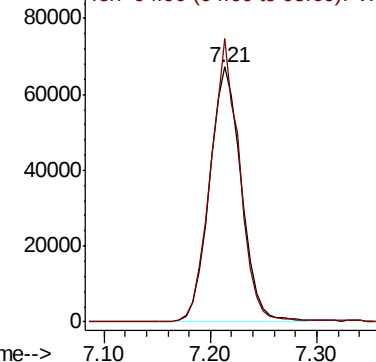
#44

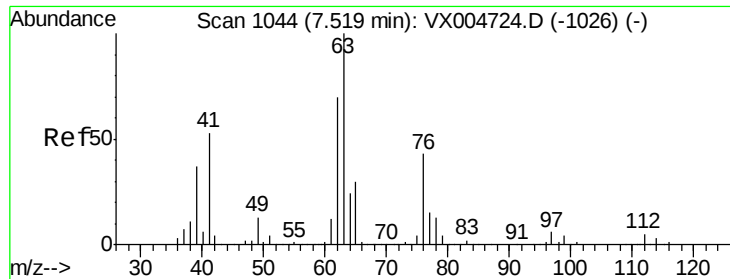
Trichloroethene
 Concen: 51.975 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Tgt Ion:130 Resp: 140982
 Ion Ratio Lower Upper
 130 100
 95 111.0 0.0 186.8



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





#45

1,2-Dichloropropane

Concen: 51.666 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

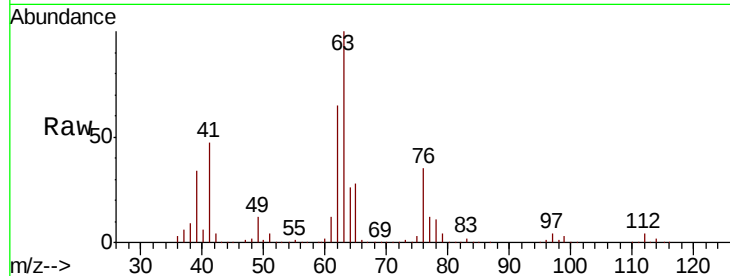
FA18-EX3MS

Tot Ion: 63 Resp: 139801

Ion Ratio Lower Upper

63 100

65 27.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

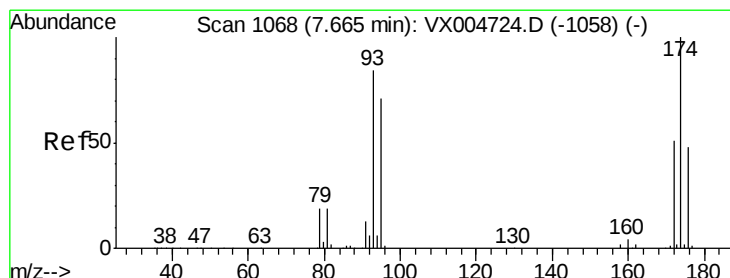
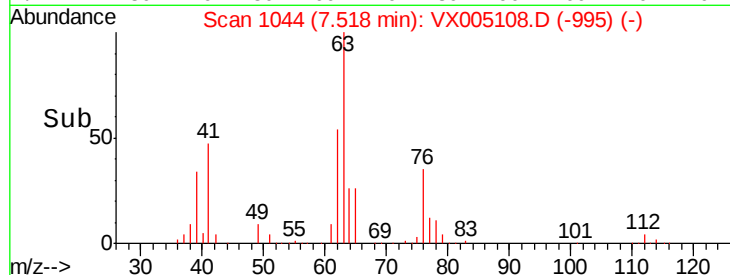
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 50.961 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

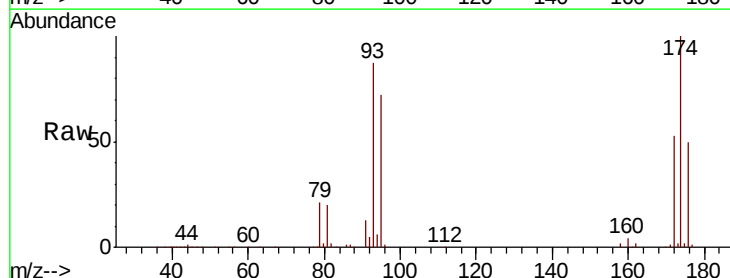
Tgt Ion: 93 Resp: 86660

Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 115.7 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

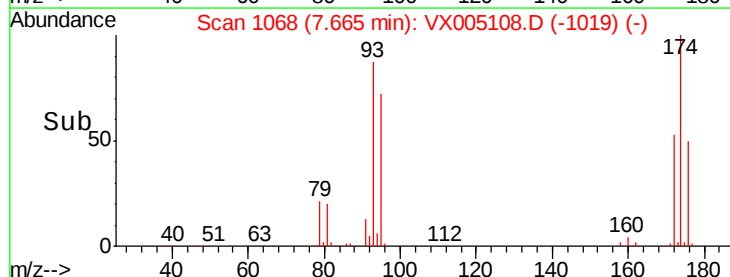
60000

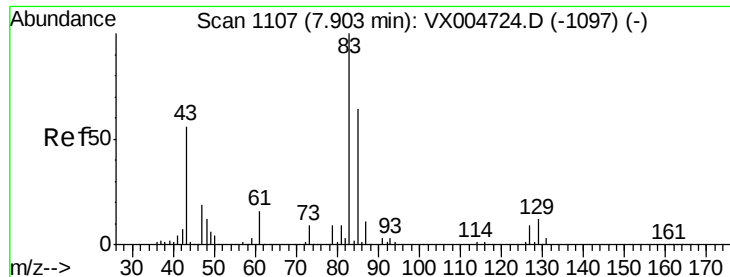
40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 52.644 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3MS

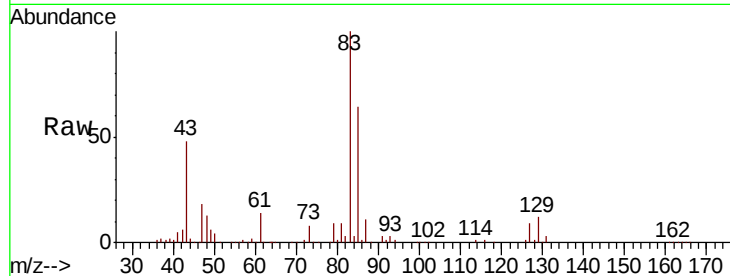
Tot Ion: 83 Resp: 167609

Ion Ratio Lower Upper

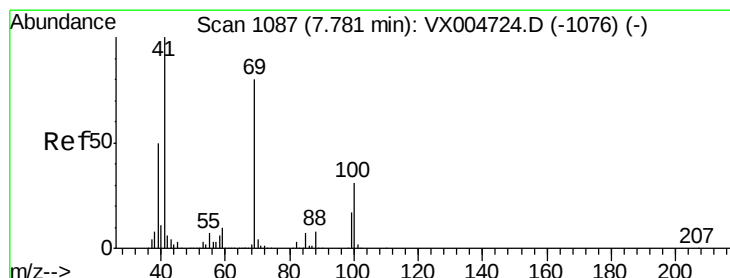
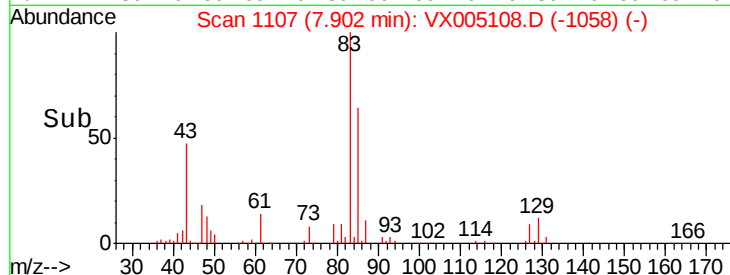
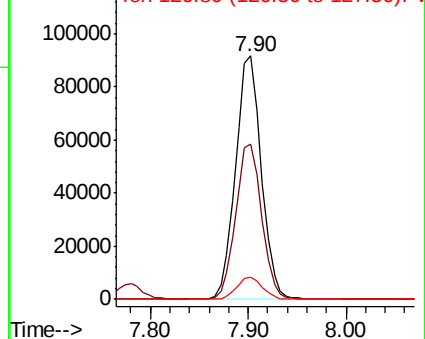
83 100

85 63.9 51.2 76.8

127 9.1 7.0 10.6



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



#48

Methyl methacrylate

Concen: 55.810 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

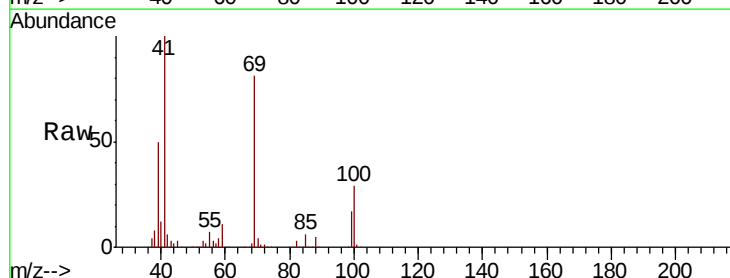
Tgt Ion: 41 Resp: 171049

Ion Ratio Lower Upper

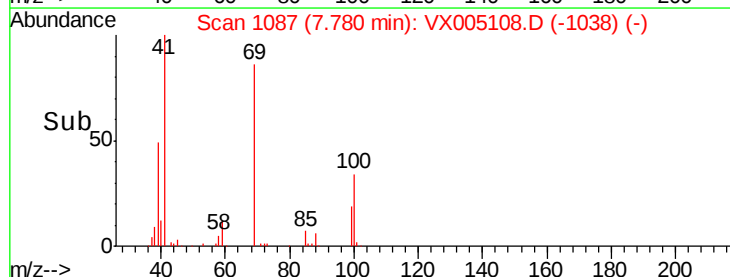
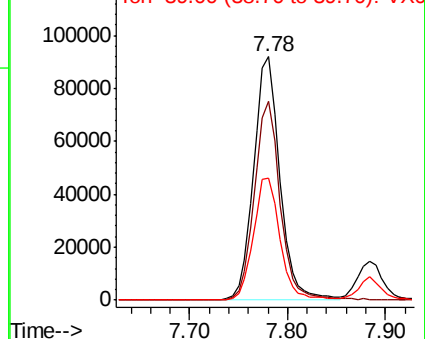
41 100

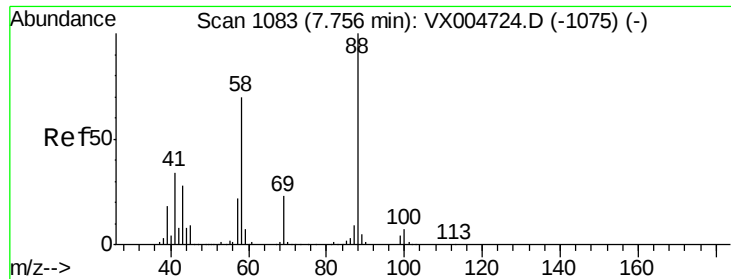
69 80.9 63.8 95.6

39 51.1 40.7 61.1



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

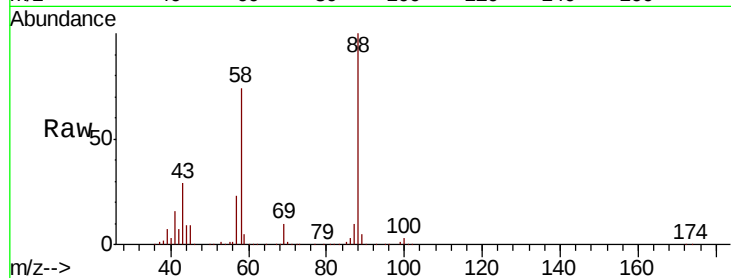




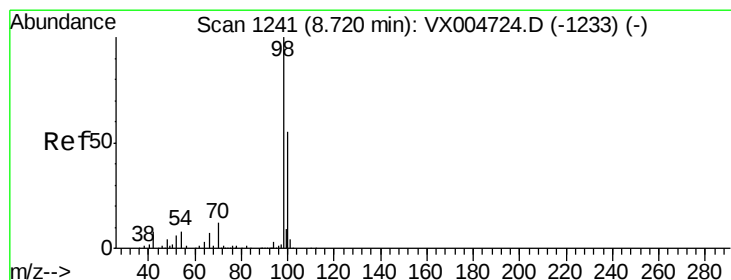
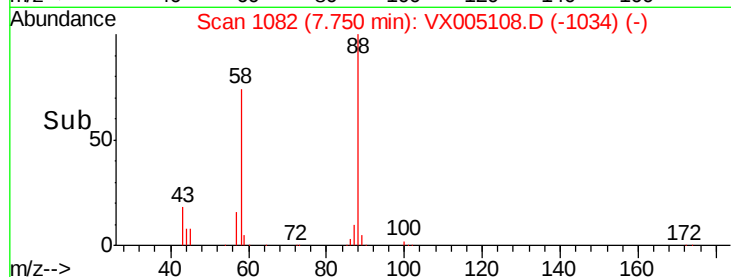
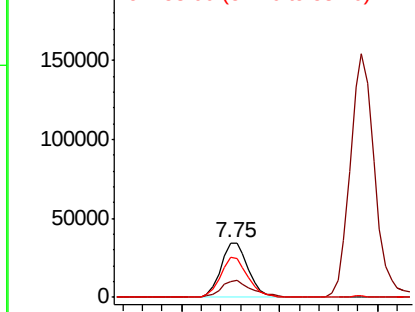
#49
1,4-Dioxane
Concen: 882.460 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

Tot Ion: 88 Resp: 67193
Ion Ratio Lower Upper
88 100
43 34.4 25.1 37.7
58 74.6 56.2 84.2

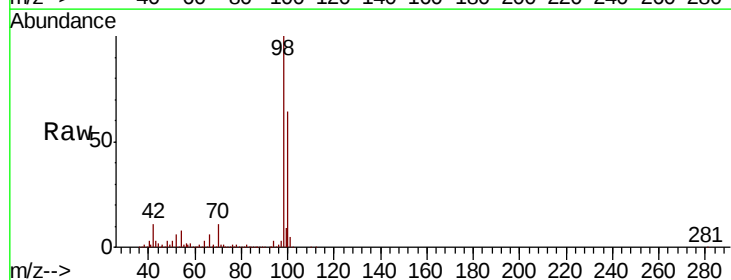


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

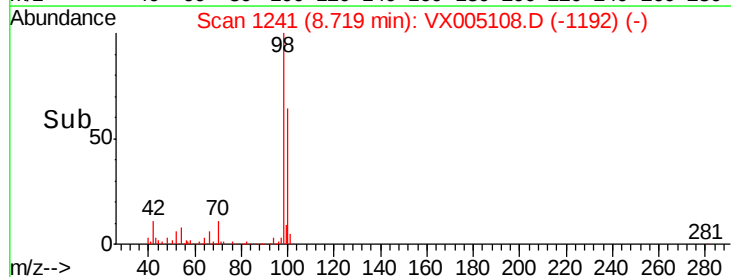
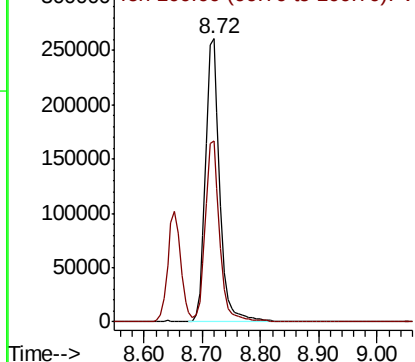


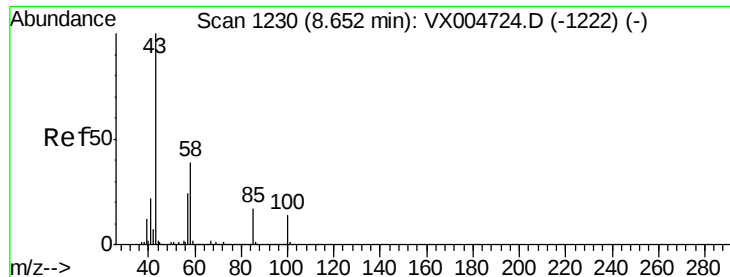
#50
Toluene-d8
Concen: 52.045 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion: 98 Resp: 446954
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



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

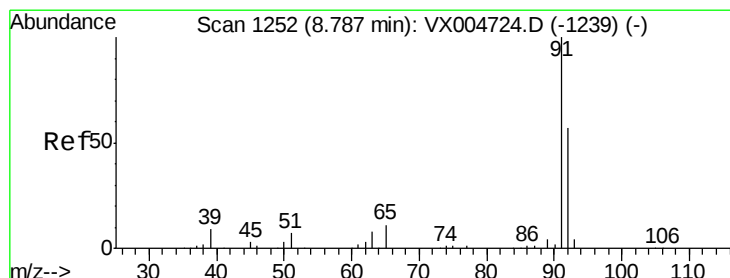
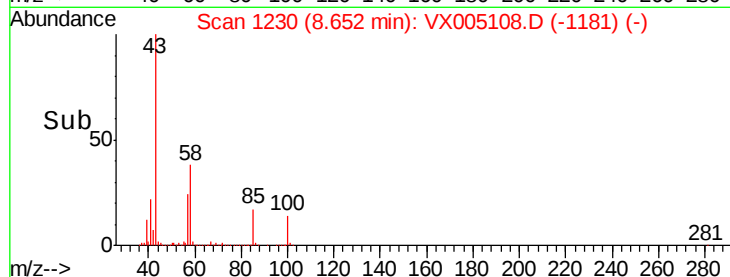
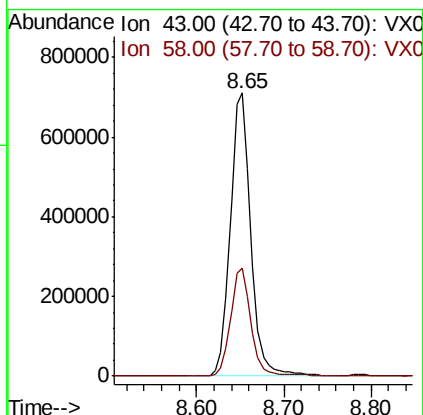
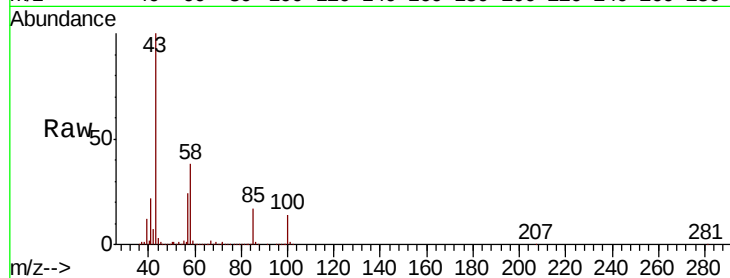




#51
4-Methyl-2-Pentanone
Concen: 273.547 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

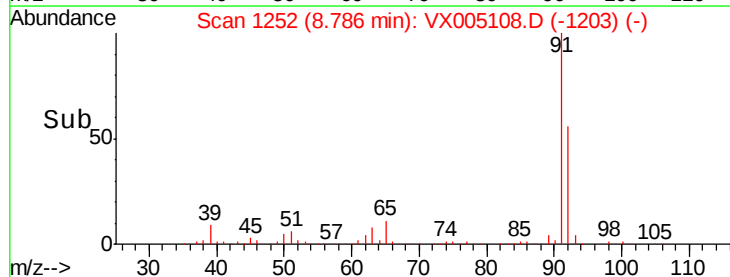
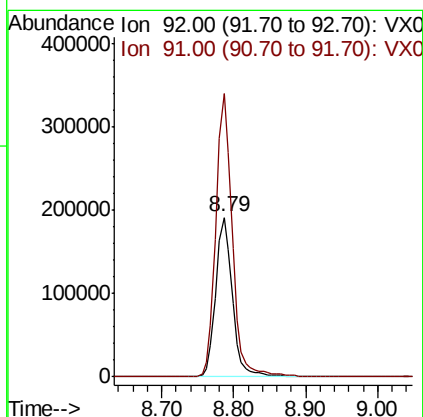
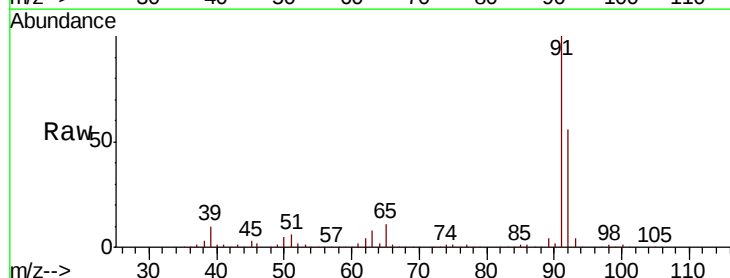
Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

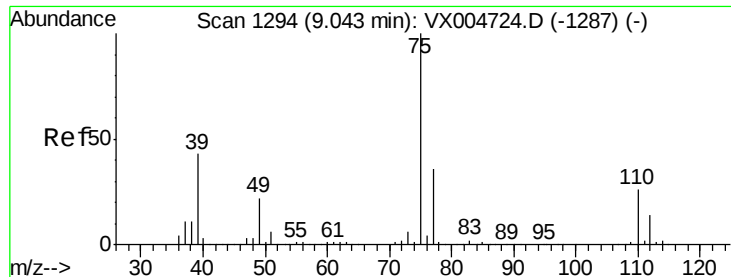
Tot Ion: 43 Resp: 1163033
Ion Ratio Lower Upper
43 100
58 38.3 30.5 45.7



#52
Toluene
Concen: 50.894 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion: 92 Resp: 308570
Ion Ratio Lower Upper
92 100
91 175.2 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 47.943 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

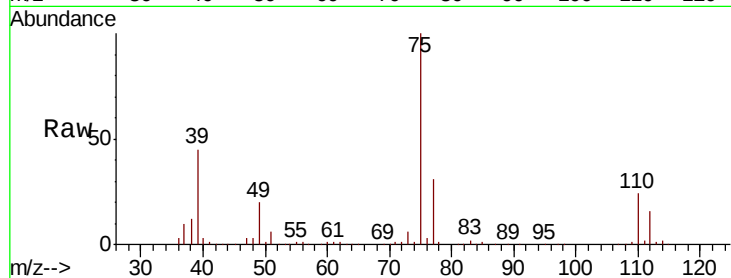
FA18-EX3MS

Tot Ion: 75 Resp: 172493

Ion Ratio Lower Upper

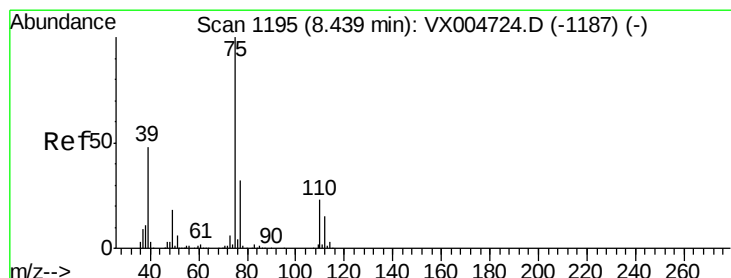
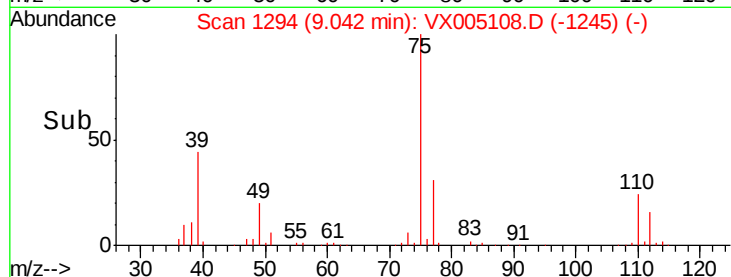
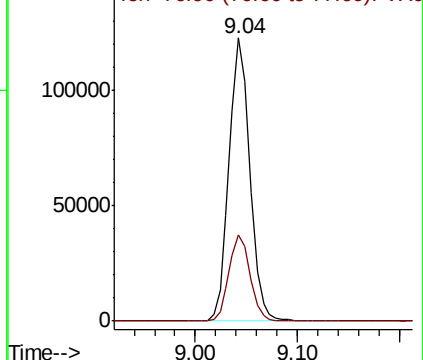
75 100

77 30.6 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.256 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

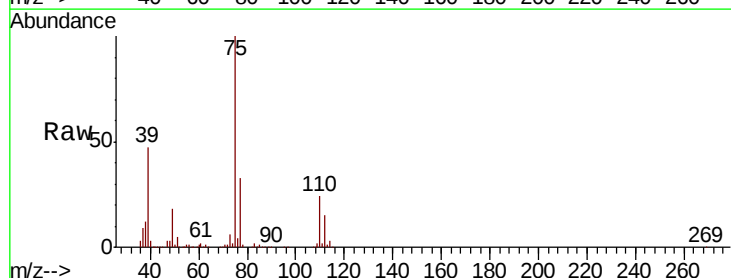
Tgt Ion: 75 Resp: 178085

Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5

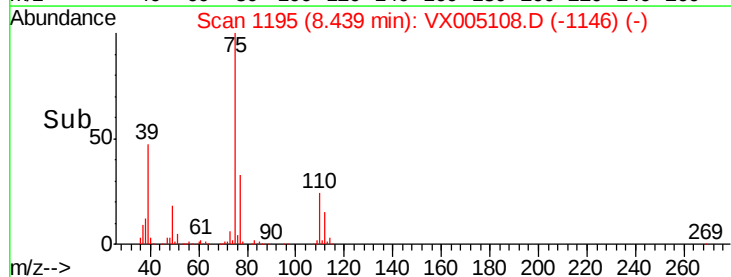
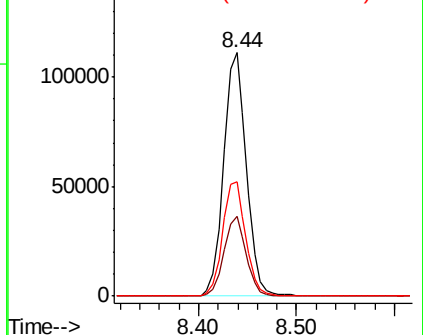
39 46.8 38.3 57.5

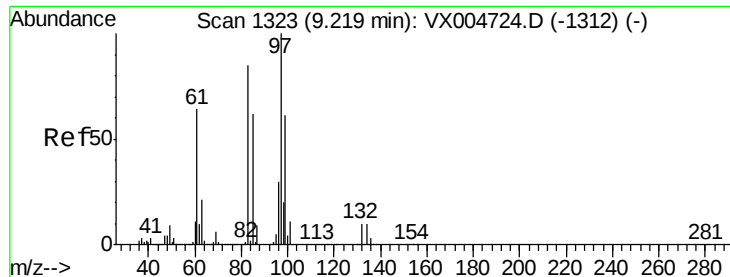


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

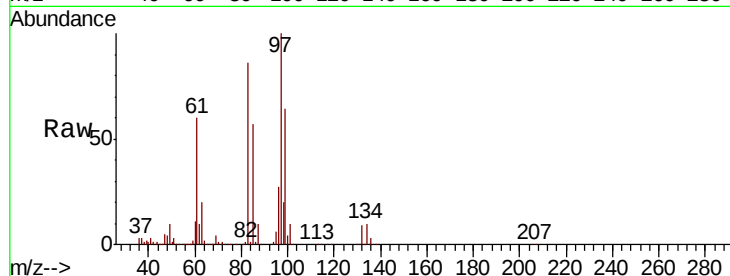




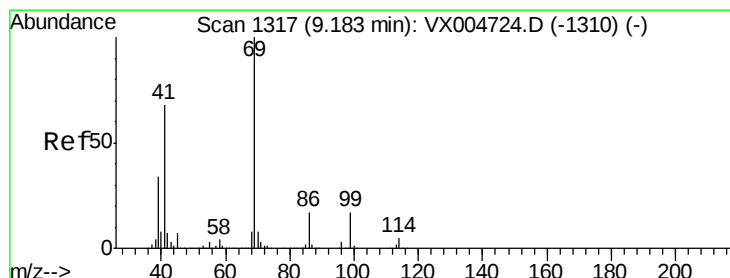
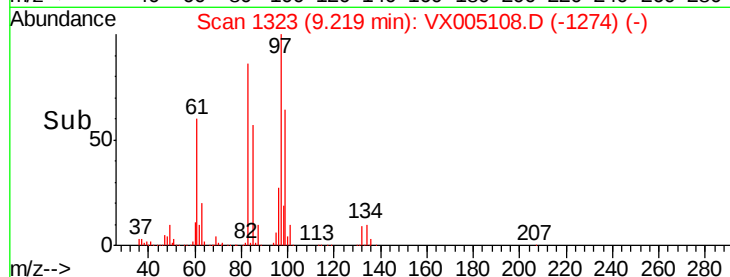
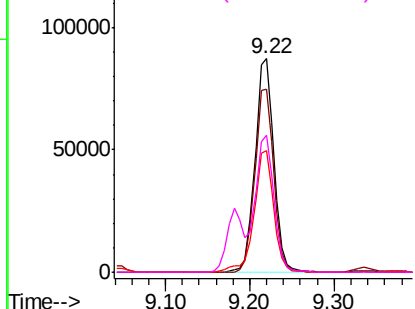
#55
 1,1,2-Trichloroethane
 Concen: 49.723 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MS

Tot Ion:	97	Resp:	132054
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.2	102.2
85	57.2	49.9	74.9
99	64.4	48.9	73.3

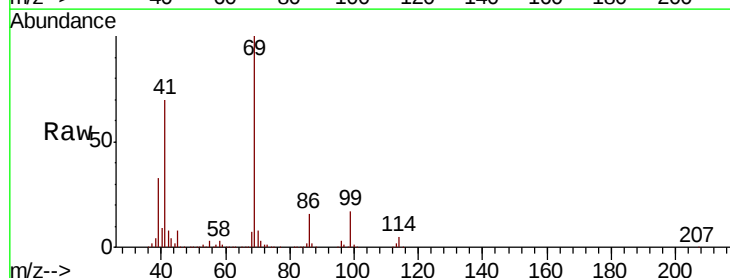


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

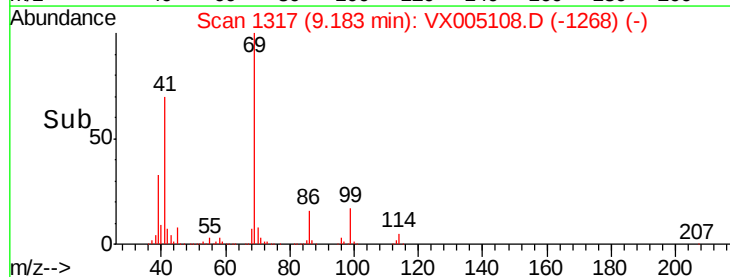
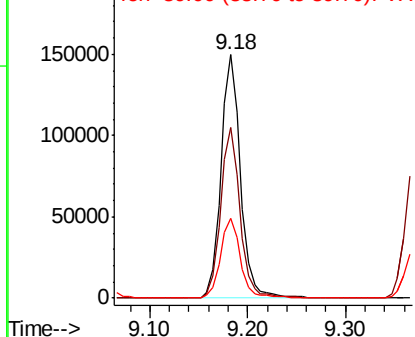


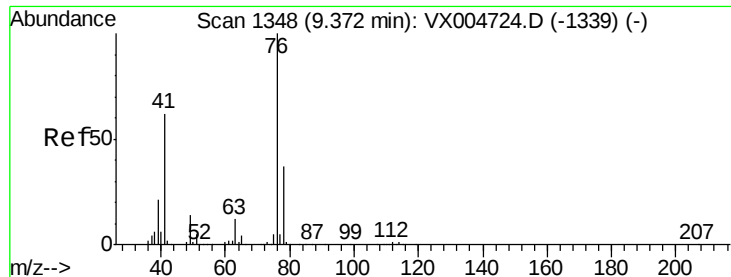
#56
 Ethyl methacrylate
 Concen: 48.071 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Tgt Ion:	69	Resp:	206664
Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.9	85.3
39	33.4	28.4	42.6



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





#57

1,3-Dichloropropane

Concen: 50.099 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

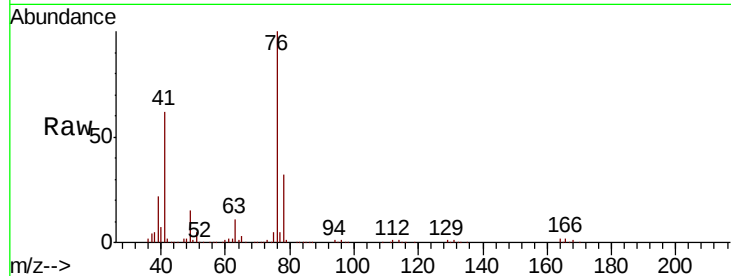
FA18-EX3MS

Tot Ion: 76 Resp: 221444

Ion Ratio Lower Upper

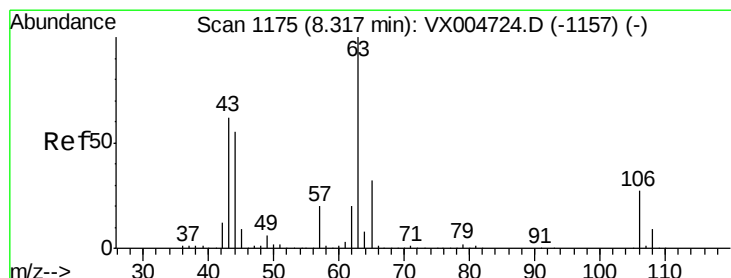
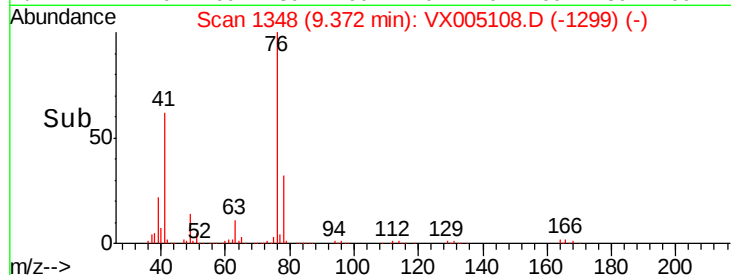
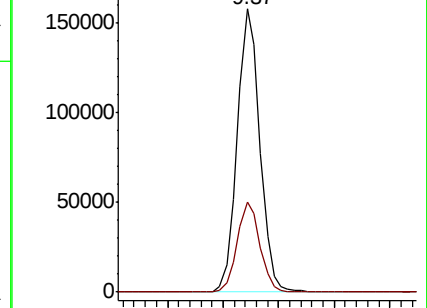
76 100

78 32.1 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.922 ug/l

RT: 8.29 min Scan# 1170

Delta R.T. -0.03 min

Lab File: VX005108.D

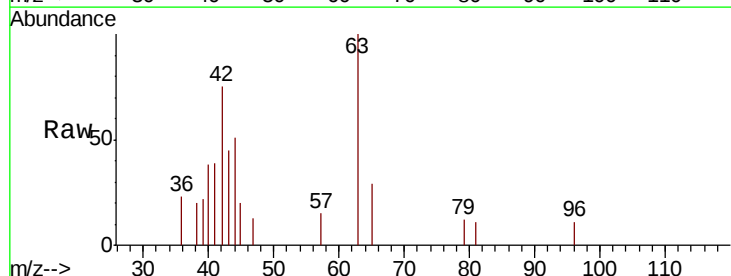
Acq: 06 Oct 2018 10:53

Tgt Ion: 63 Resp: 1650

Ion Ratio Lower Upper

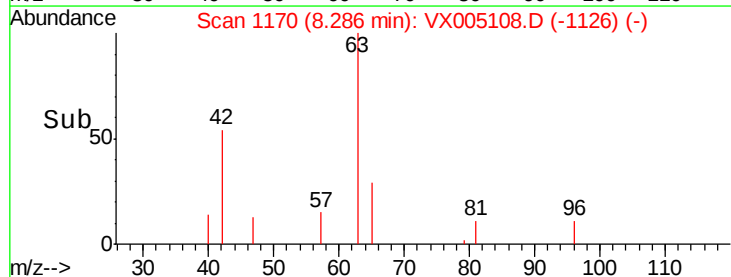
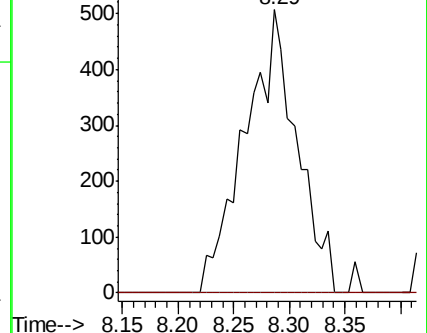
63 100

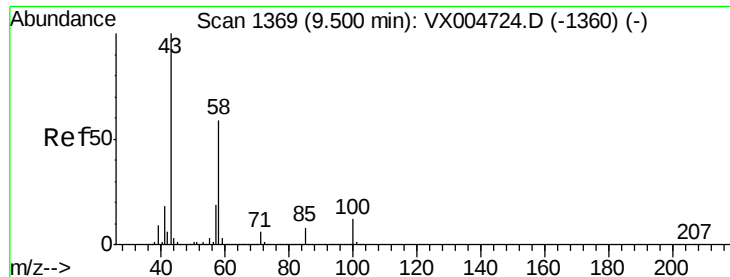
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

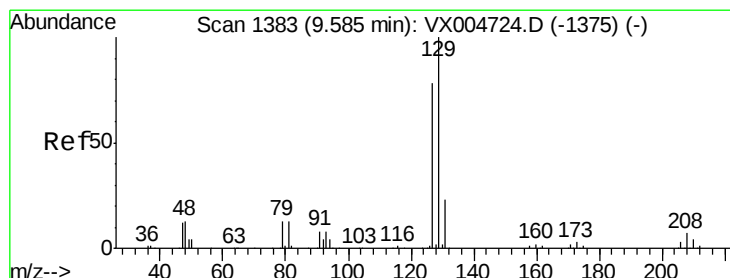
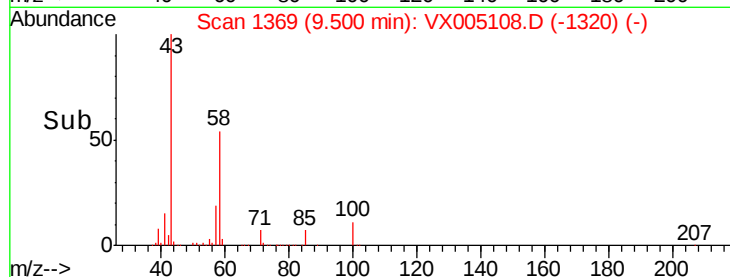
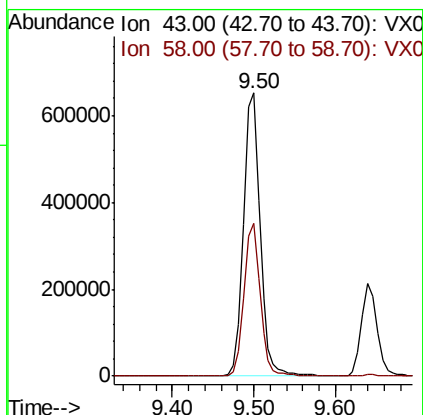
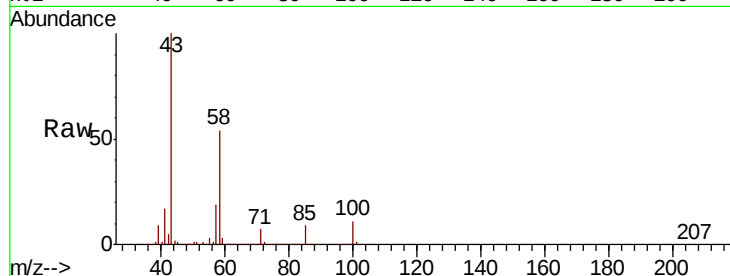




#59
2-Hexanone
Concen: 258.829 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

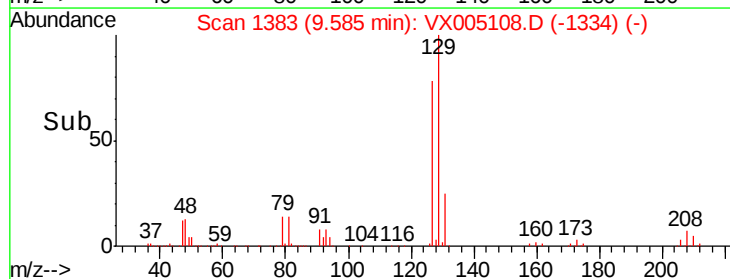
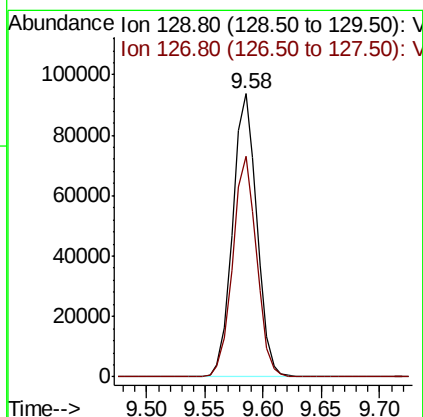
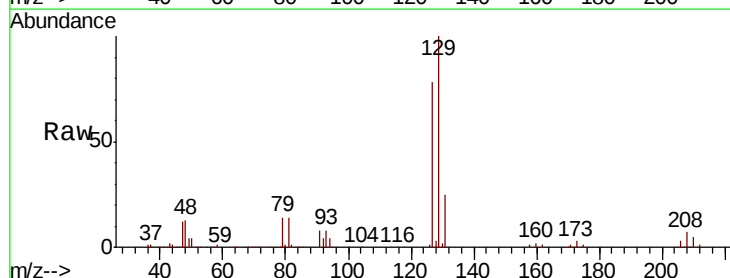
Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

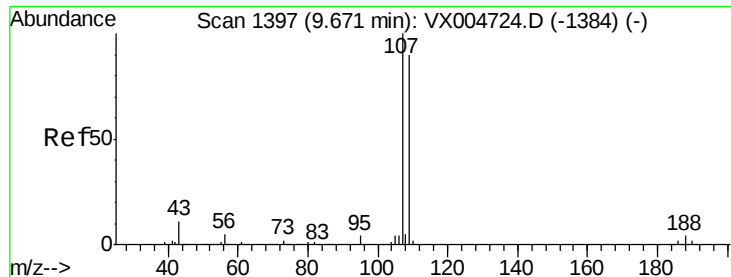
Tot Ion: 43 Resp: 917030
Ion Ratio Lower Upper
43 100
58 53.2 28.4 85.3



#60
Dibromochloromethane
Concen: 51.303 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion: 129 Resp: 136259
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.889 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

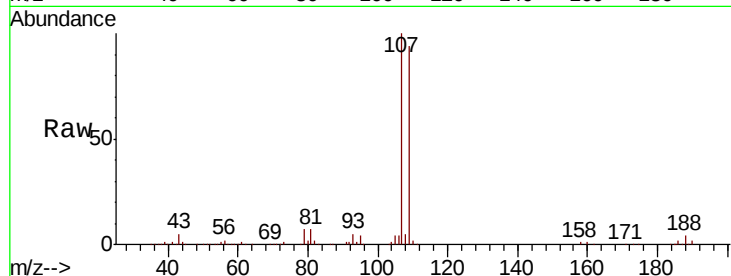
FA18-EX3MS

Tot Ion:107 Resp: 136205

Ion Ratio Lower Upper

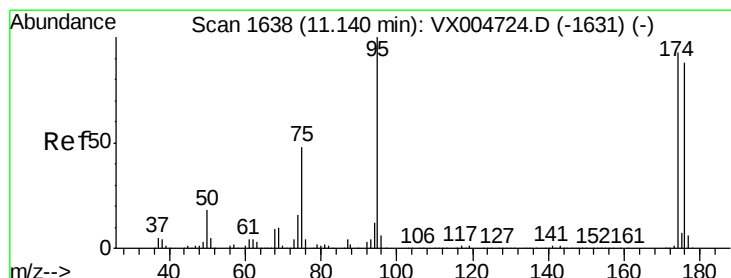
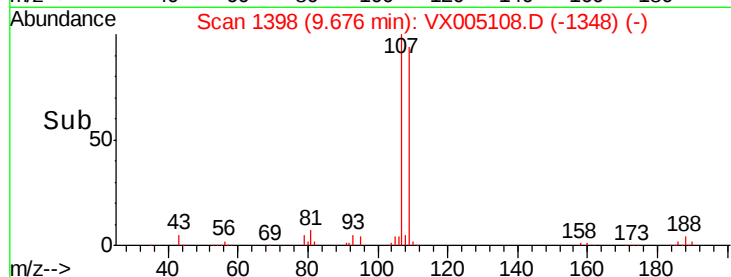
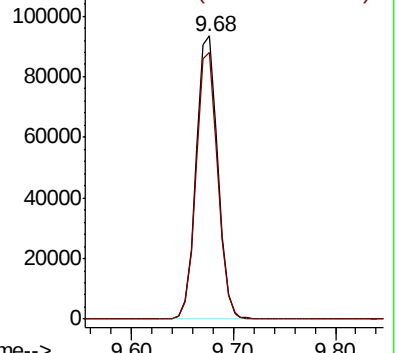
107 100

109 94.2 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.092 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

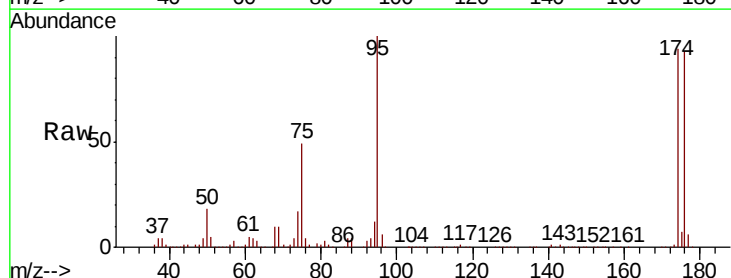
Tgt Ion: 95 Resp: 167351

Ion Ratio Lower Upper

95 100

174 92.0 0.0 185.0

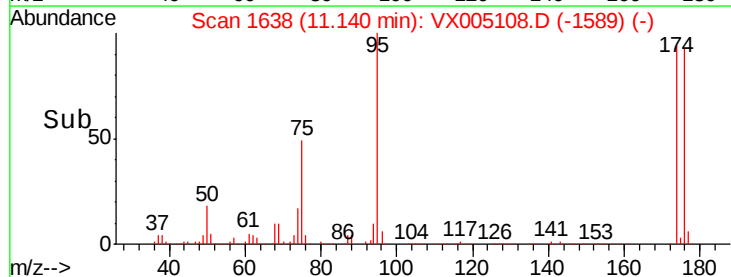
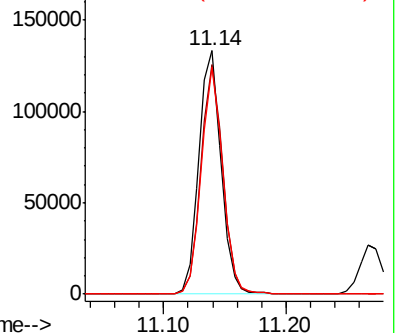
176 89.5 0.0 180.2

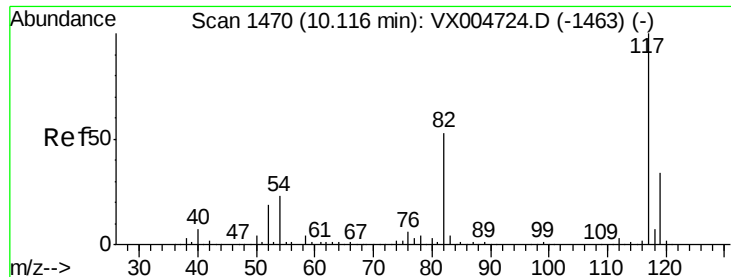


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

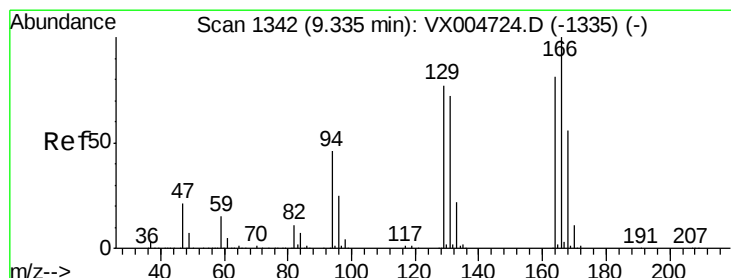
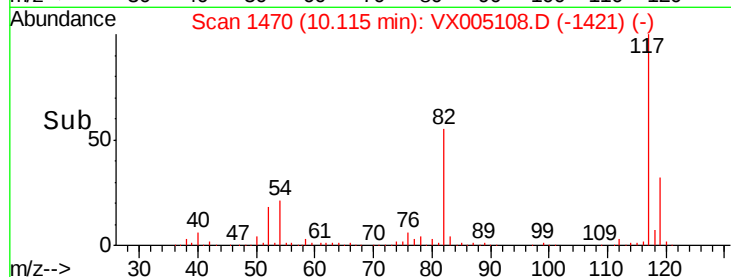
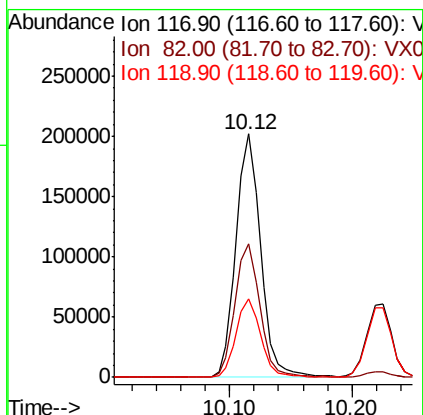
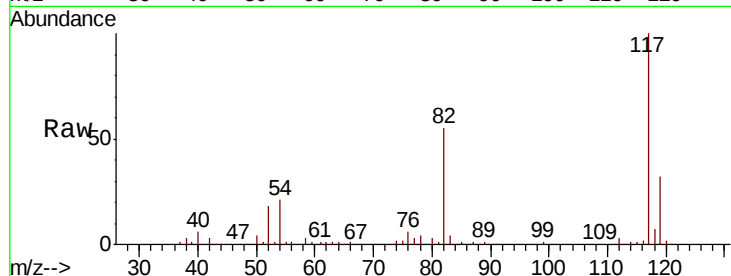




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

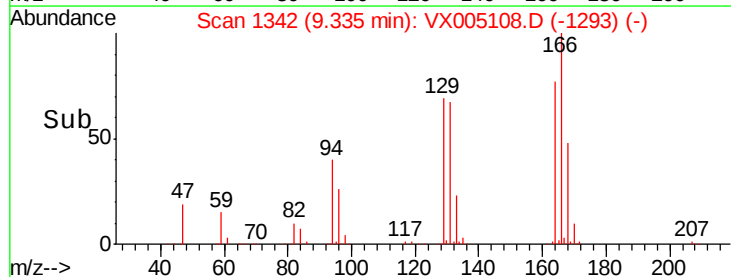
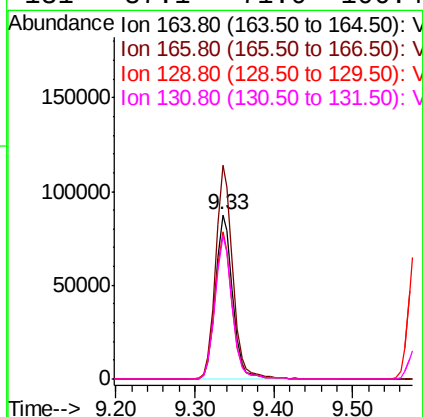
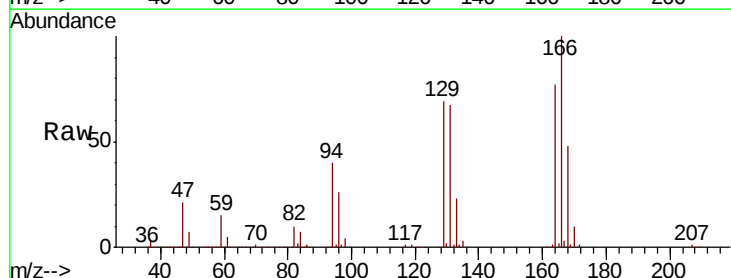
Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

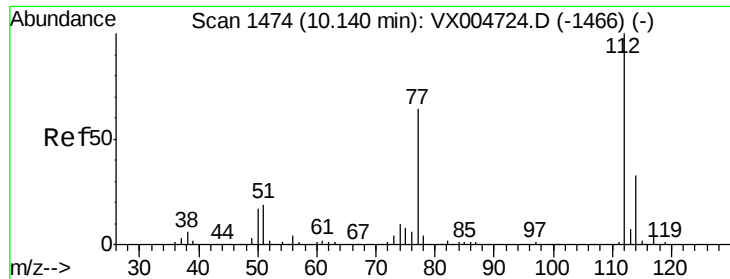
Tot Ion:117 Resp: 281922
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 32.4 27.4 41.0



#64
Tetrachloroethene
Concen: 48.100 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion:164 Resp: 133463
Ion Ratio Lower Upper
164 100
166 130.1 98.4 147.6
129 90.0 76.1 114.1
131 87.1 71.0 106.4

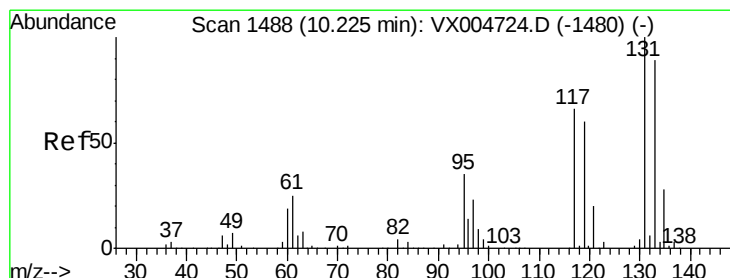
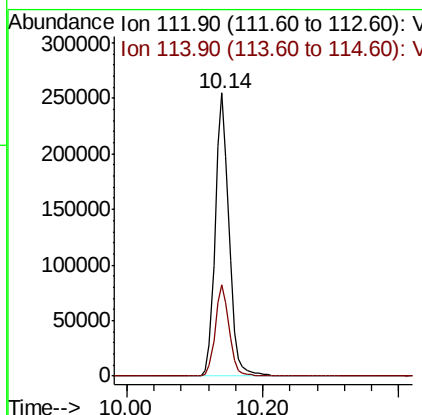
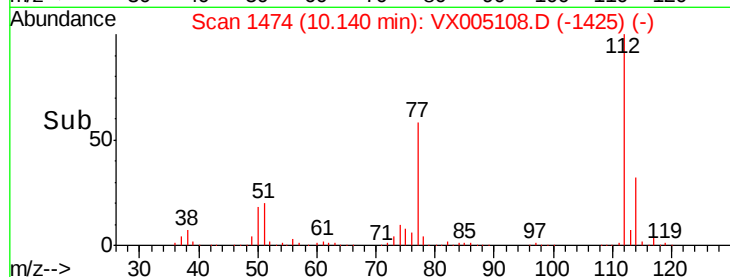
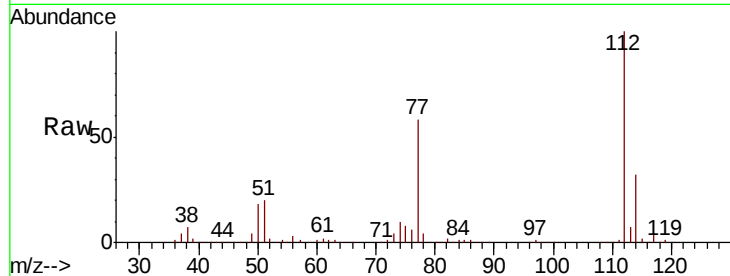




#65
Chlorobenzene
Concen: 49.666 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

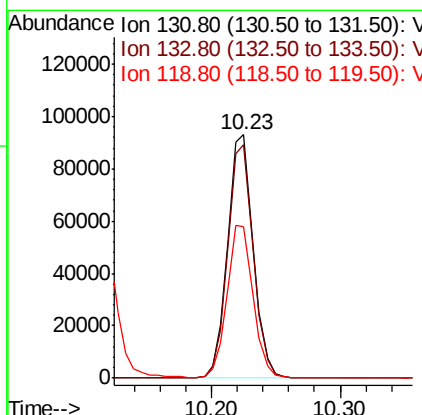
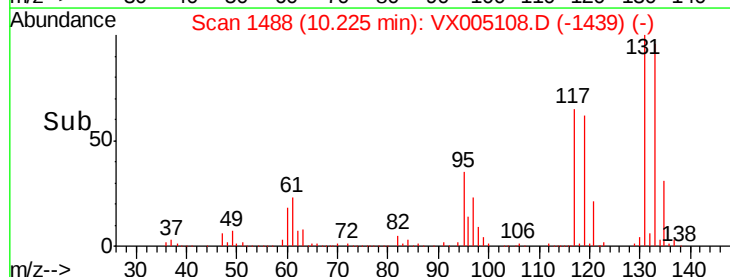
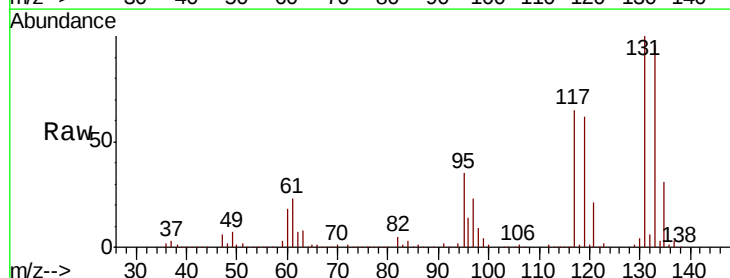
Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

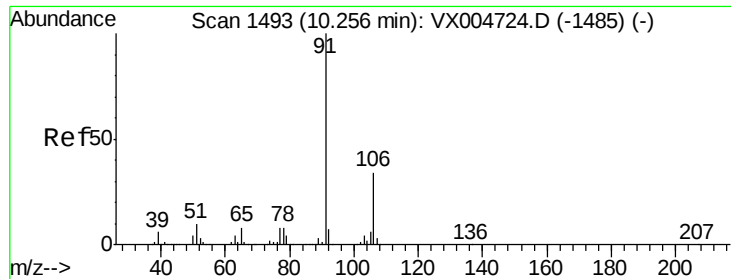
Tot Ion:112 Resp: 359047
Ion Ratio Lower Upper
112 100
114 32.3 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.364 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion:131 Resp: 130541
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.0
119 63.8 32.3 96.8

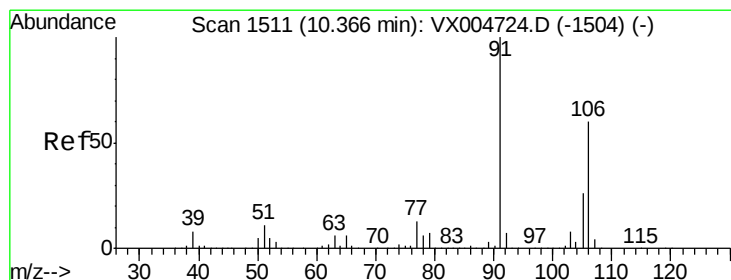
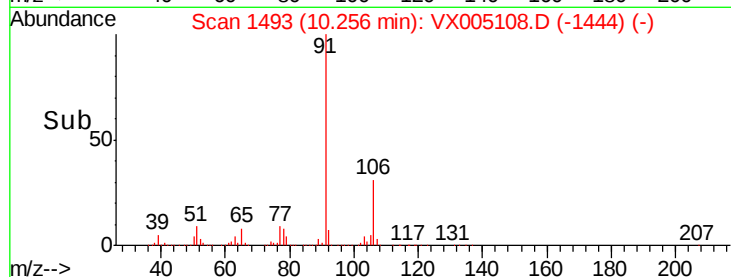
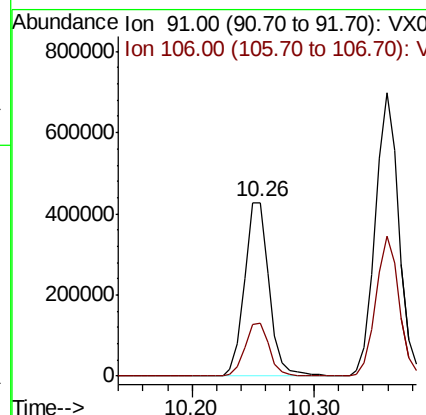
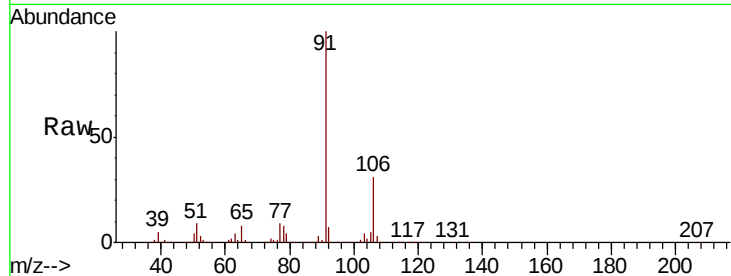




#67
Ethyl Benzene
Concen: 51.922 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

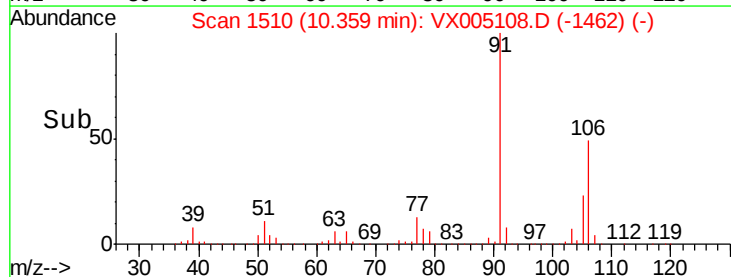
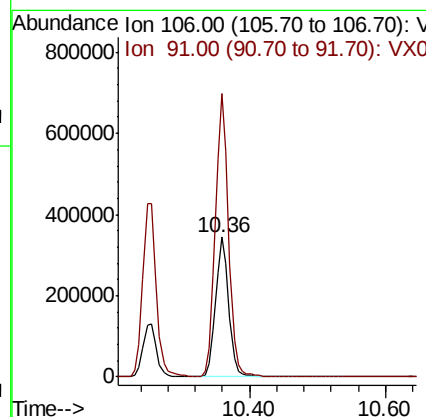
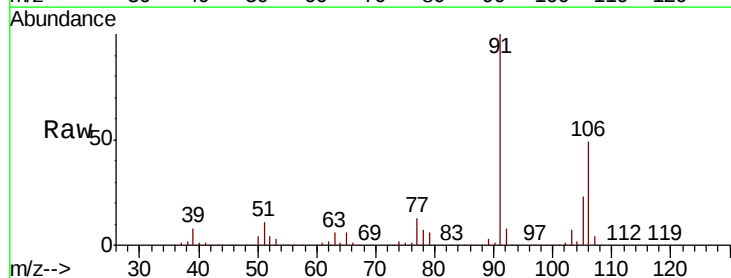
Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

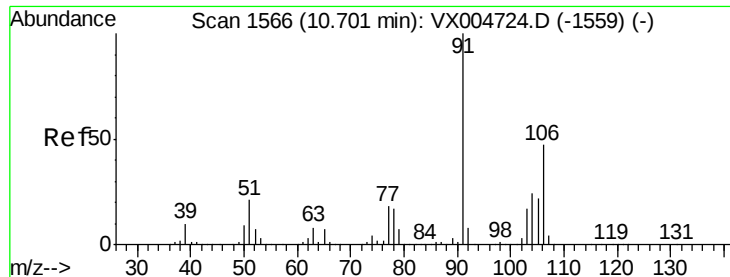
Tot Ion: 91 Resp: 595934
Ion Ratio Lower Upper
91 100
106 30.7 26.9 40.3



#68
m/p-Xylenes
Concen: 102.798 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion: 106 Resp: 461053
Ion Ratio Lower Upper
106 100
91 203.6 157.5 236.3

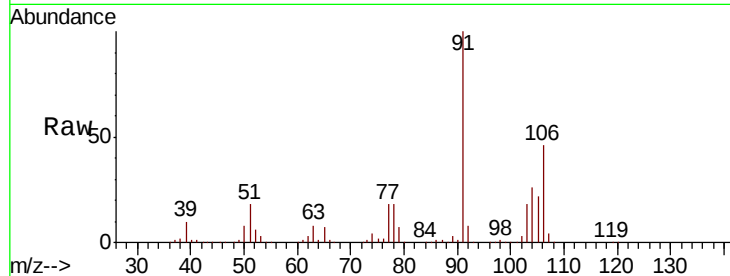




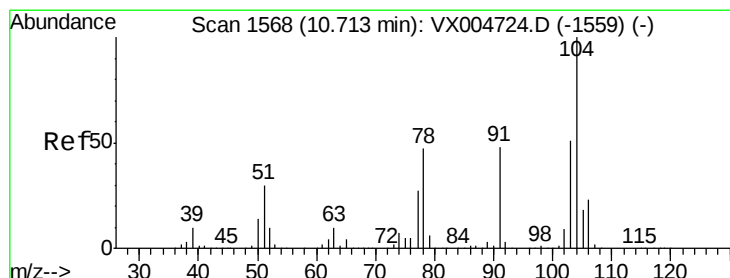
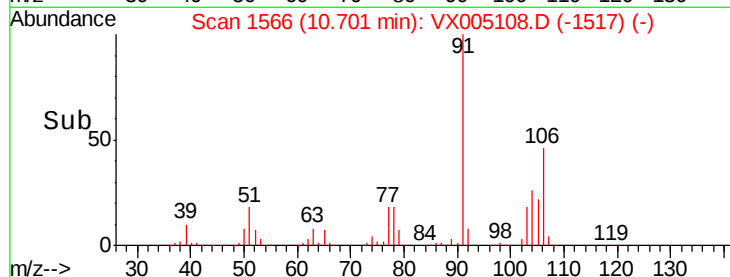
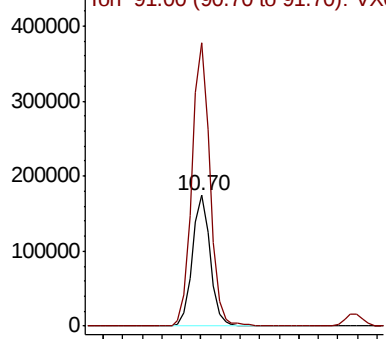
#69
o-Xylene
Concen: 54.104 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

Tot Ion:106 Resp: 222880
Ion Ratio Lower Upper
106 100
91 216.8 108.3 324.8

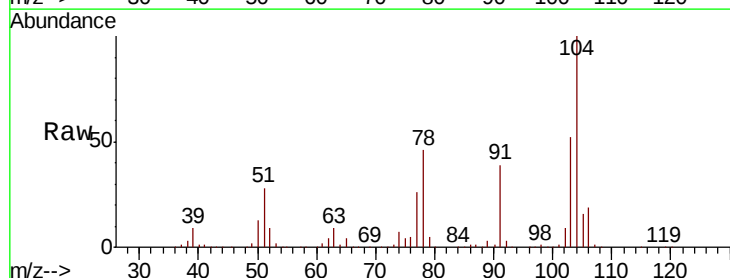


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

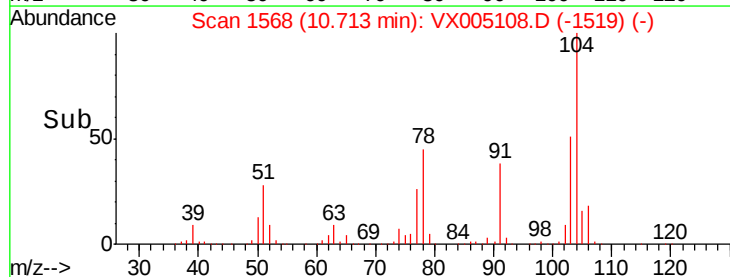
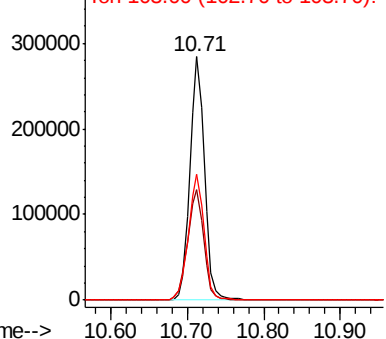


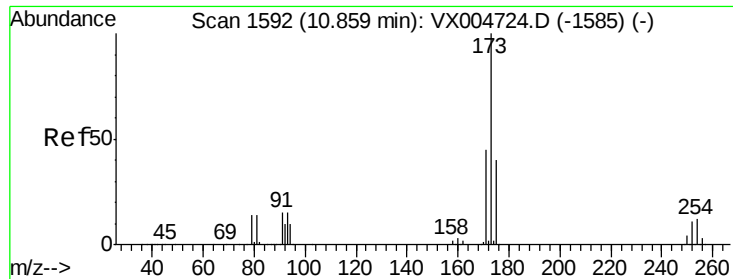
#70
Styrene
Concen: 48.889 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion:104 Resp: 376290
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 55.7 44.3 66.5



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





#71

Bromoform

Concen: 51.184 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampled :

FA18-EX3MS

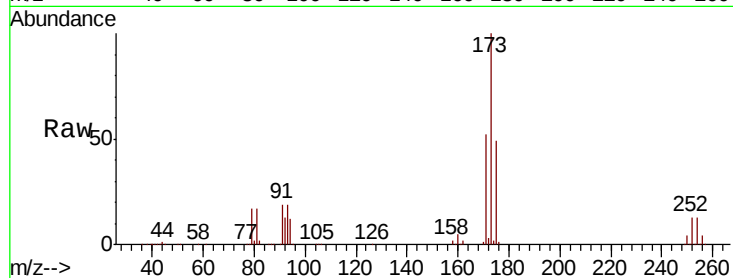
Tot Ion:173 Resp: 111368

Ion Ratio Lower Upper

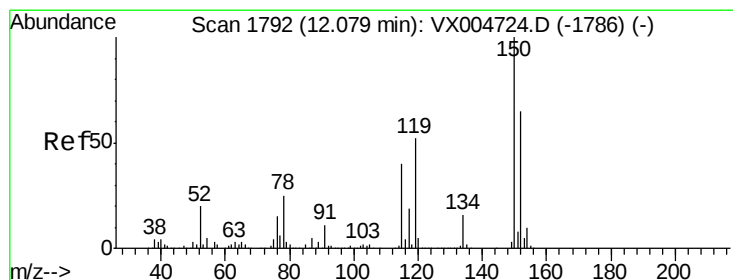
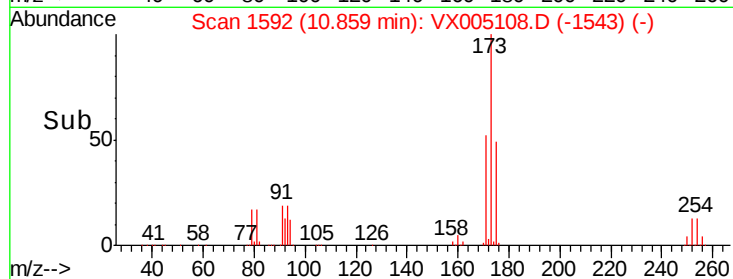
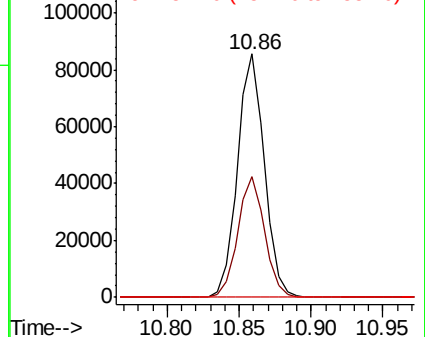
173 100

175 49.3 23.3 69.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

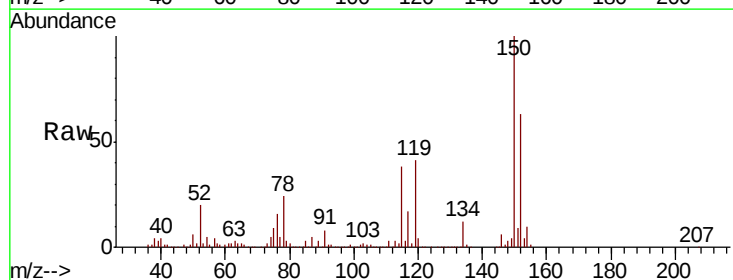
Tgt Ion:152 Resp: 173126

Ion Ratio Lower Upper

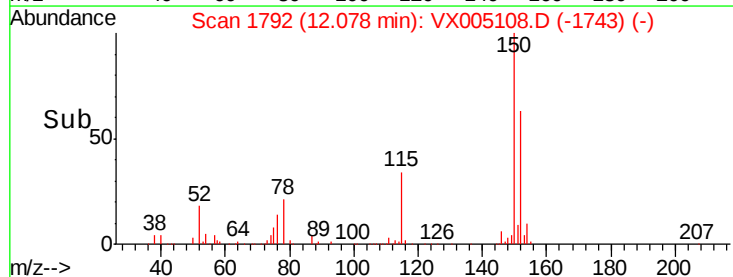
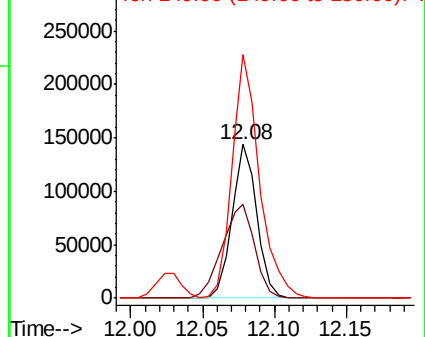
152 100

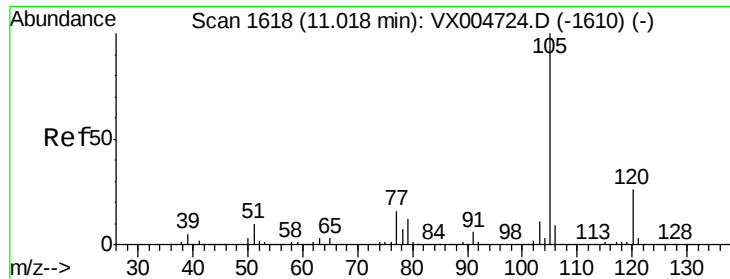
115 79.9 40.2 120.6

150 175.1 0.0 351.0



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





#73

Isopropylbenzene

Concen: 54.987 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampled :

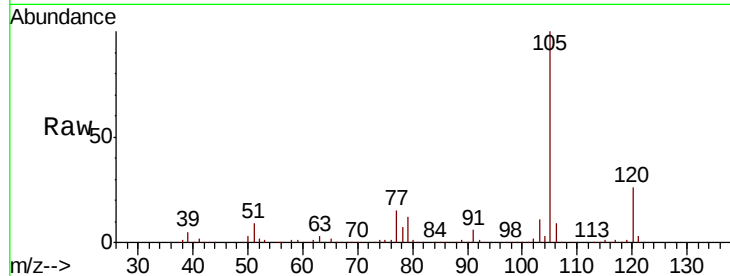
FA18-EX3MS

Tot Ion: 105 Resp: 600036

Ion Ratio Lower Upper

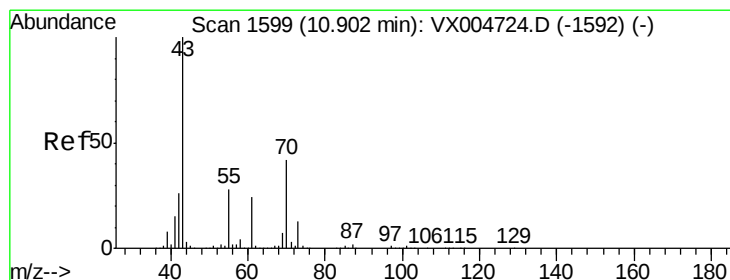
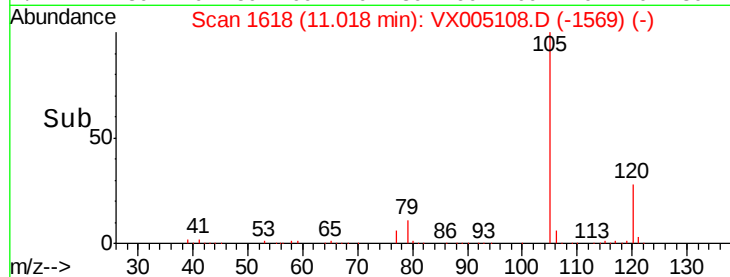
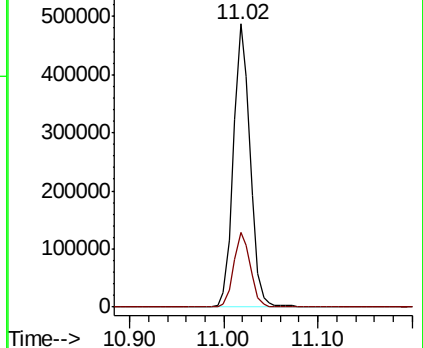
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.867 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Tgt Ion: 43 Resp: 274206

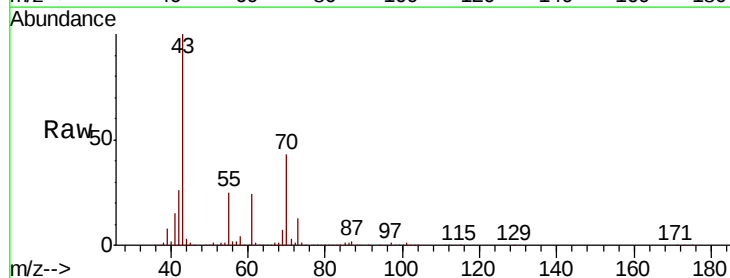
Ion Ratio Lower Upper

43 100

70 41.3 32.6 48.8

55 25.4 21.6 32.4

61 23.7 19.1 28.7

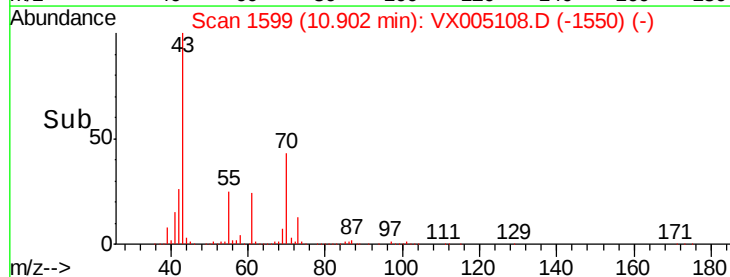
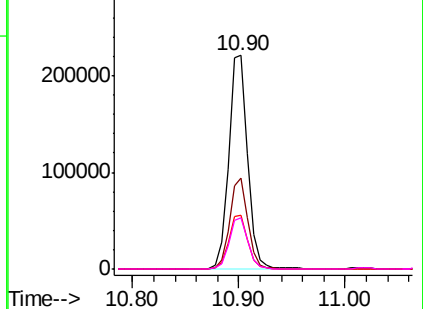


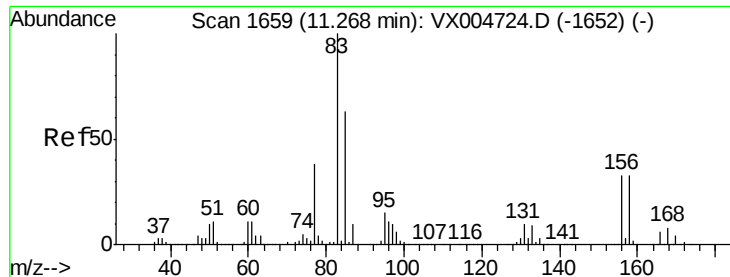
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.849 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3MS

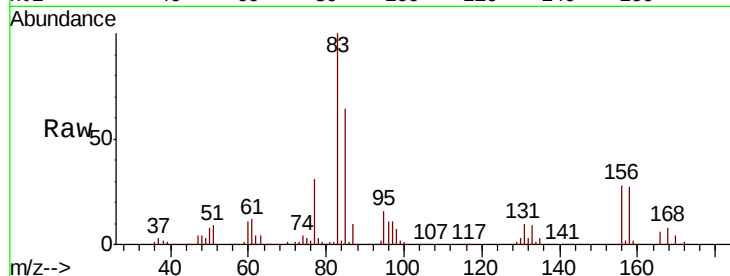
Tot Ion: 83 Resp: 216989

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

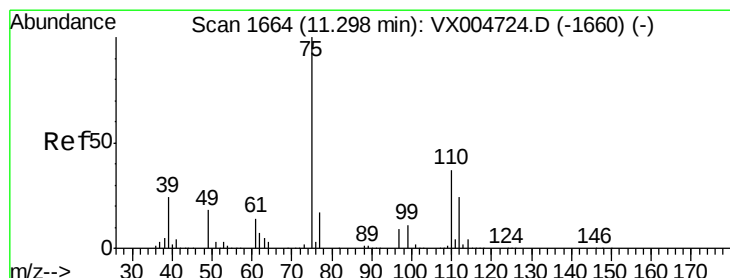
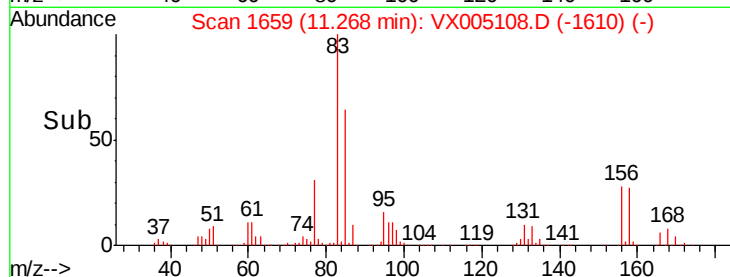
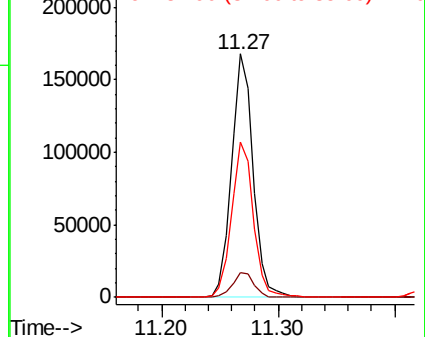
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.537 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005108.D

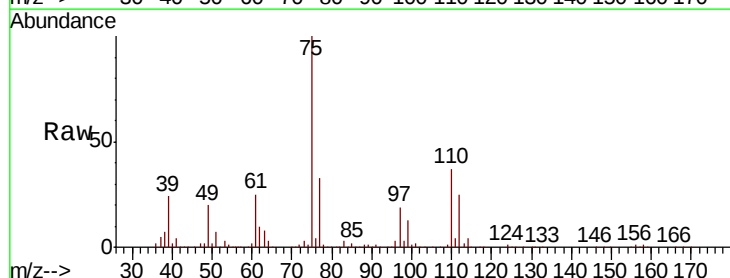
Acq: 06 Oct 2018 10:53

Tgt Ion: 75 Resp: 238788

Ion Ratio Lower Upper

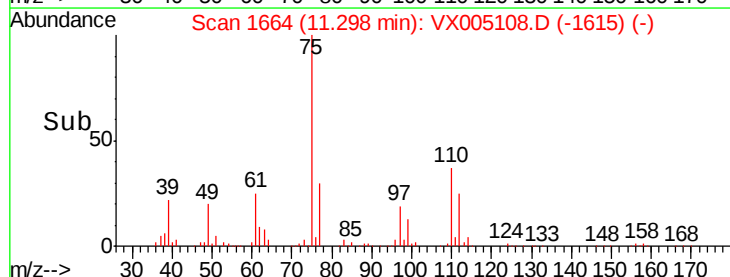
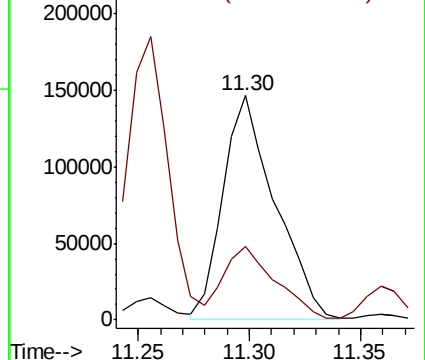
75 100

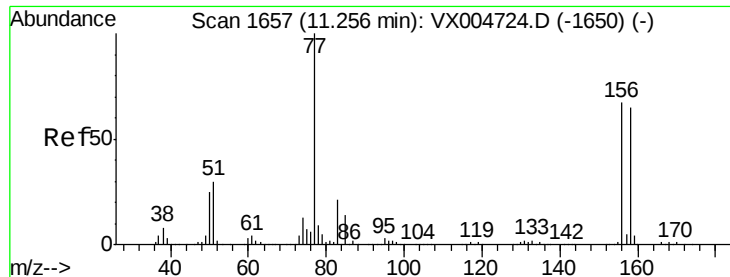
77 32.6 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.449 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3MS

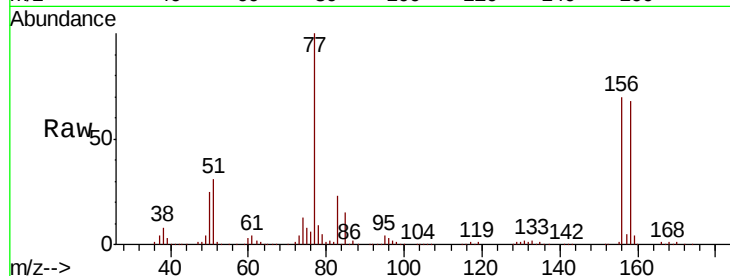
Tot Ion:156 Resp: 163073

Ion Ratio Lower Upper

156 100

77 146.6 73.4 220.2

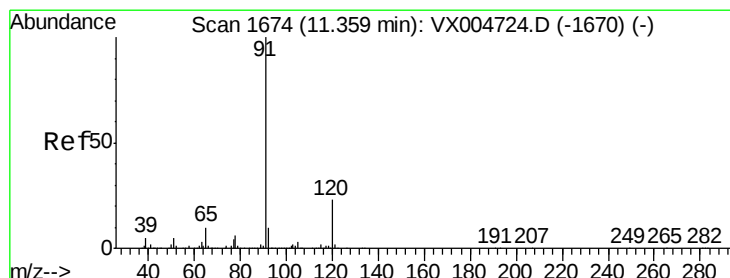
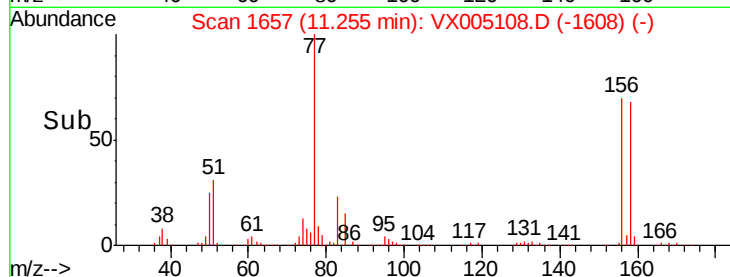
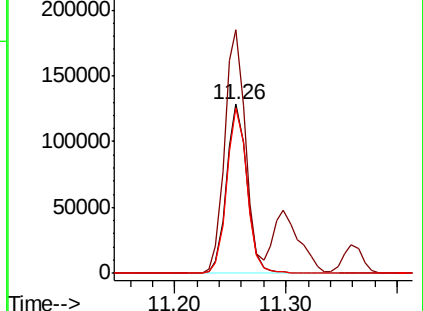
158 97.4 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.911 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005108.D

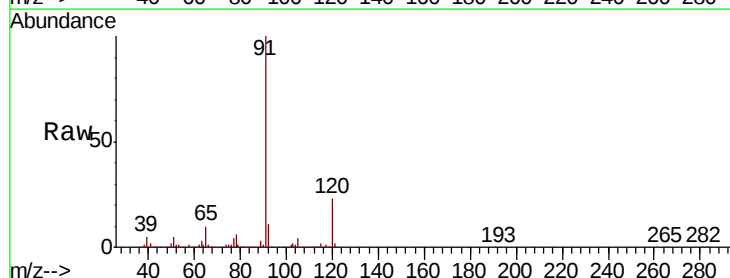
Acq: 06 Oct 2018 10:53

Tgt Ion: 91 Resp: 687520

Ion Ratio Lower Upper

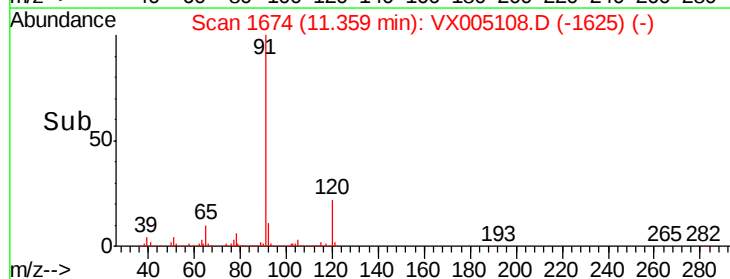
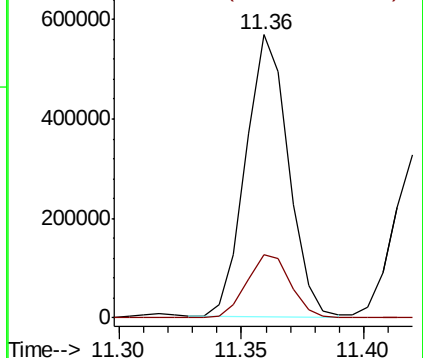
91 100

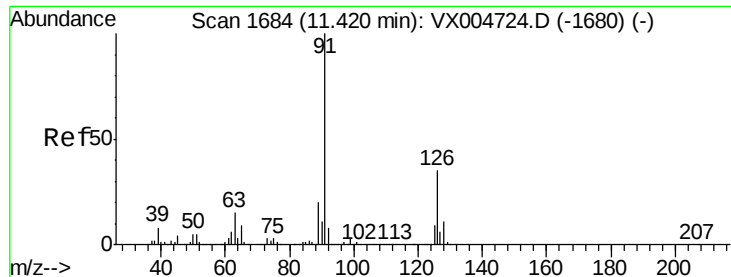
120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.242 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

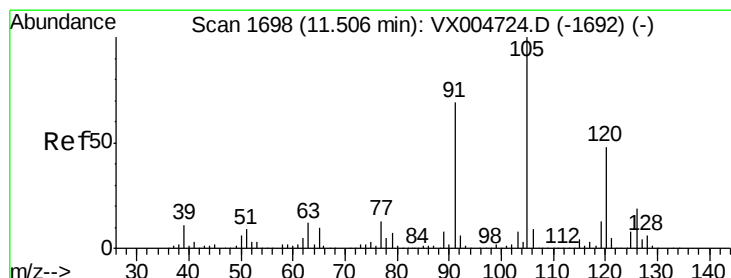
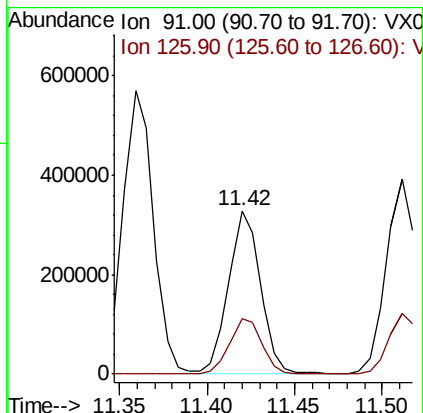
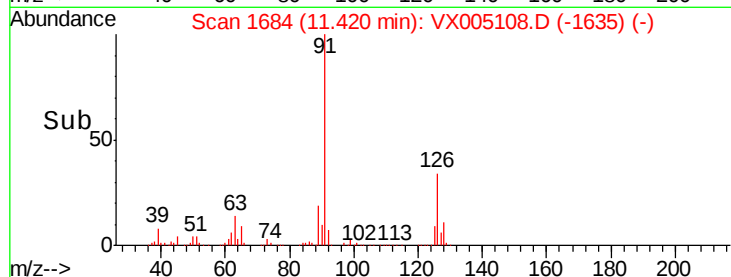
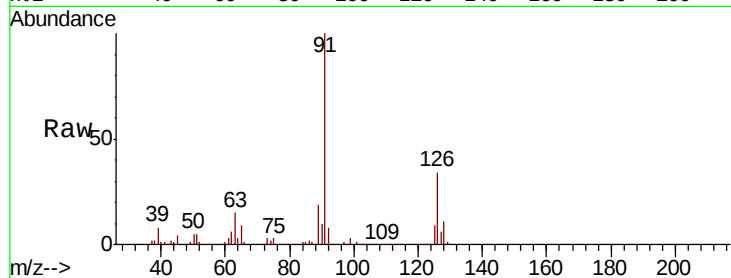
FA18-EX3MS

Tot Ion: 91 Resp: 415522

Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 51.062 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005108.D

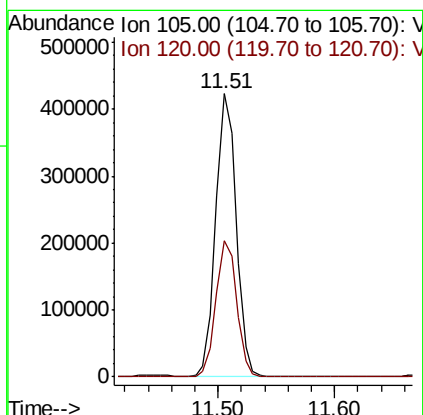
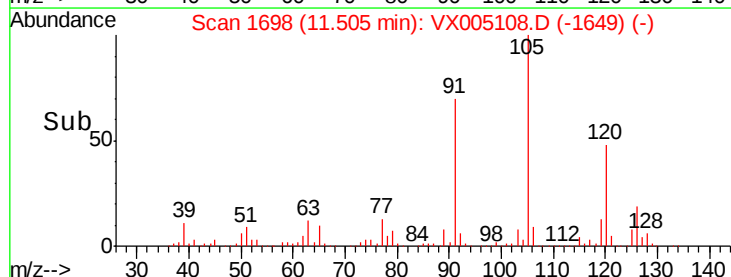
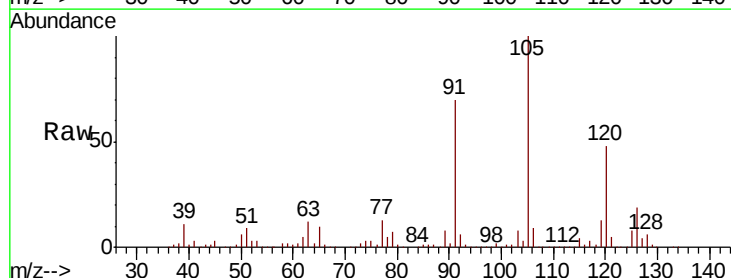
Acq: 06 Oct 2018 10:53

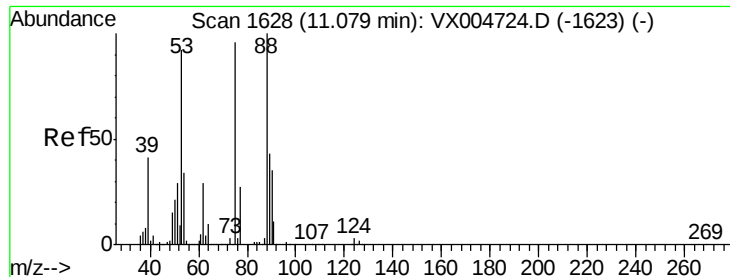
Tgt Ion: 105 Resp: 510656

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

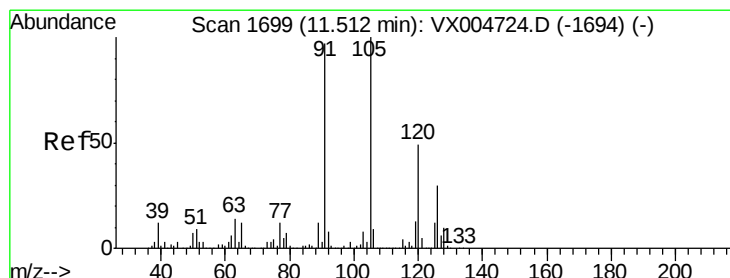
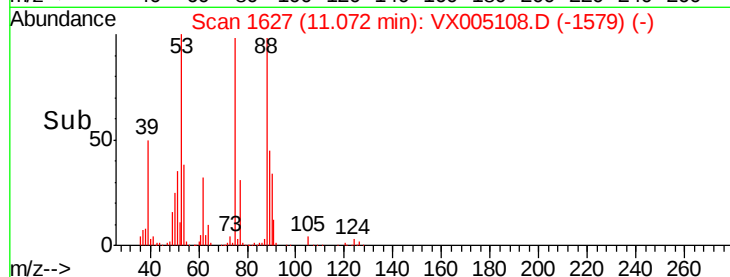
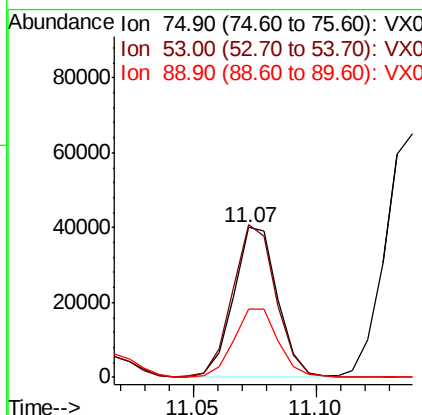
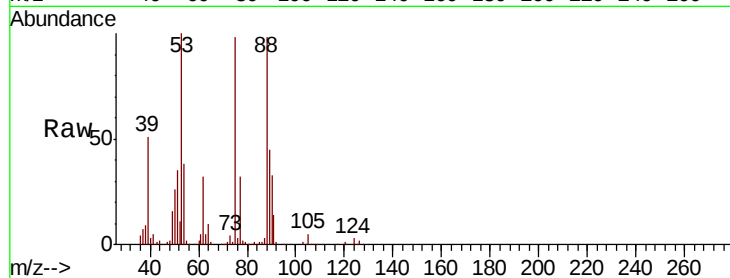




#81
trans-1,4-Dichloro-2-butene
Concen: 35.431 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

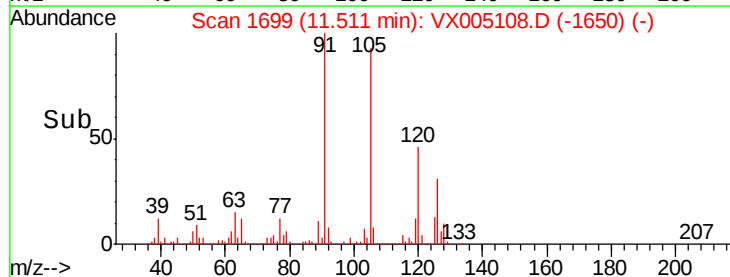
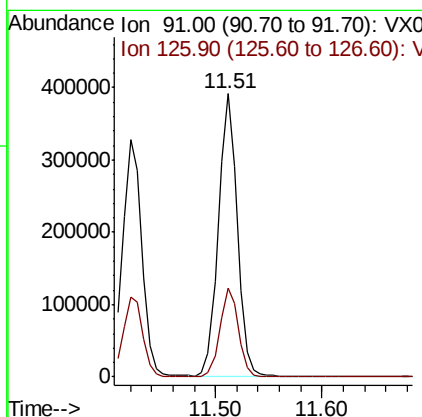
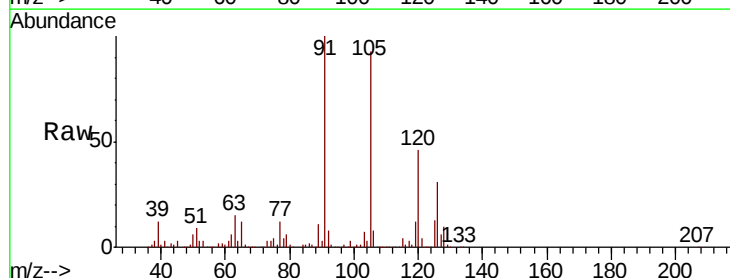
Instrument :
MSVOA_X
ClientSampled :
FA18-EX3MS

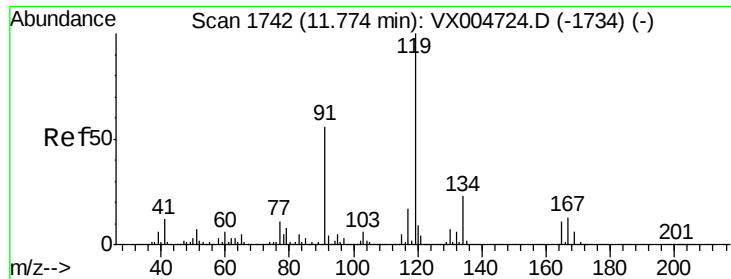
Tot Ion: 75 Resp: 49551
Ion Ratio Lower Upper
75 100
53 101.5 80.2 120.4
89 47.2 37.1 55.7



#82
4-Chlorotoluene
Concen: 52.686 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion: 91 Resp: 483973
Ion Ratio Lower Upper
91 100
126 30.9 15.5 46.5

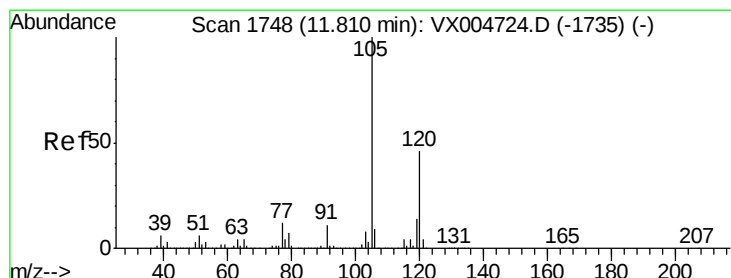
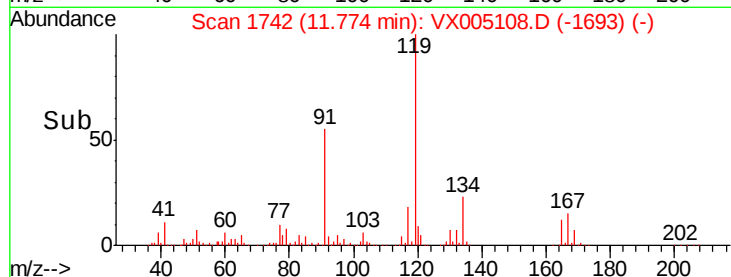
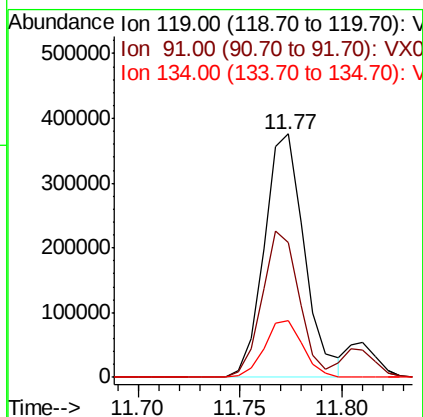
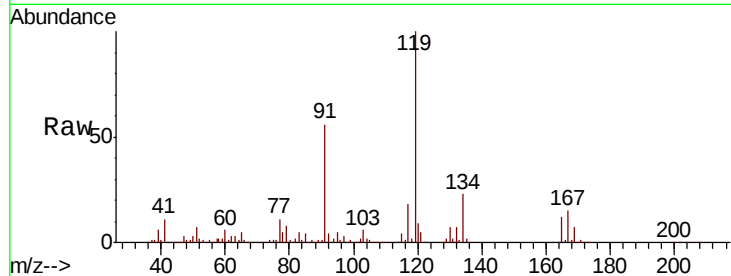




#83
tert-Butylbenzene
Concen: 57.367 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

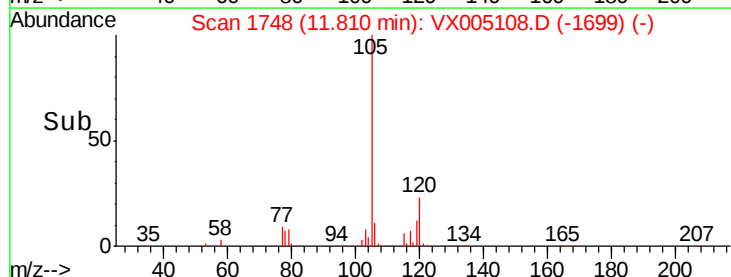
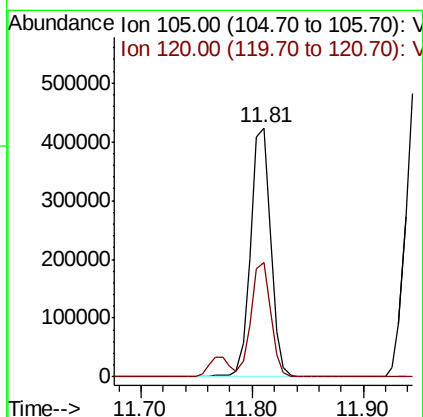
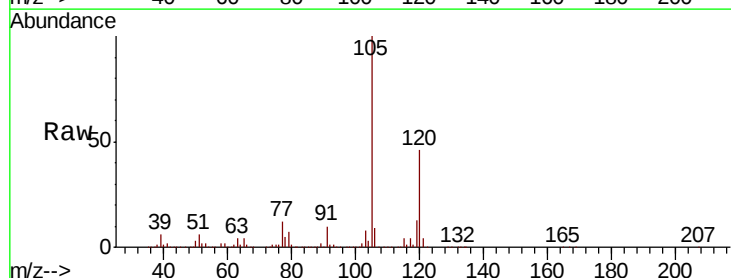
Instrument :
MSVOA_X
ClientSampled :
FA18-EX3MS

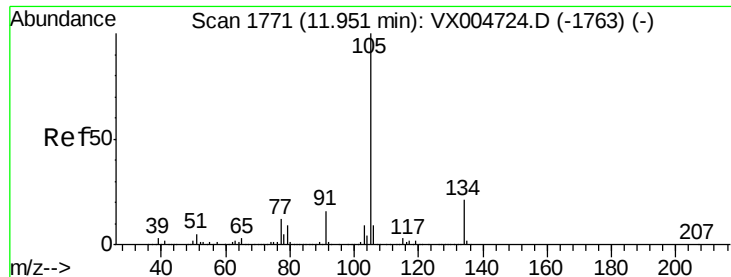
Tot Ion:119 Resp: 515409
Ion Ratio Lower Upper
119 100
91 55.6 27.5 82.5
134 22.4 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 51.534 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion:105 Resp: 531474
Ion Ratio Lower Upper
105 100
120 45.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 55.412 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

Instrument :

MSVOA_X

ClientSampleId :

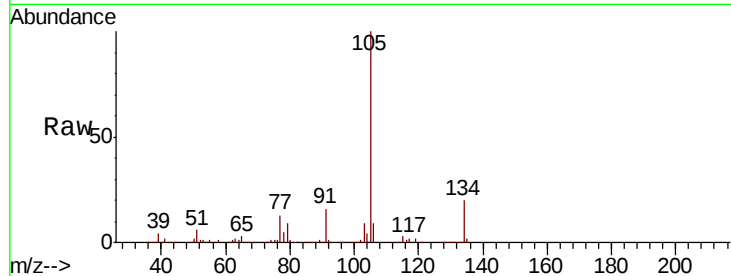
FA18-EX3MS

Tot Ion:105 Resp: 606398

Ion Ratio Lower Upper

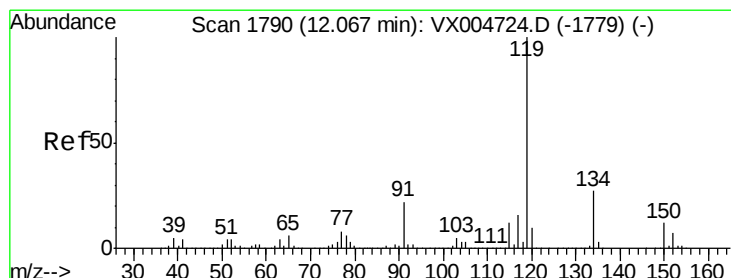
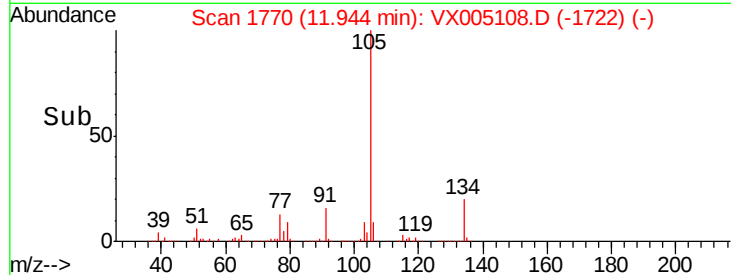
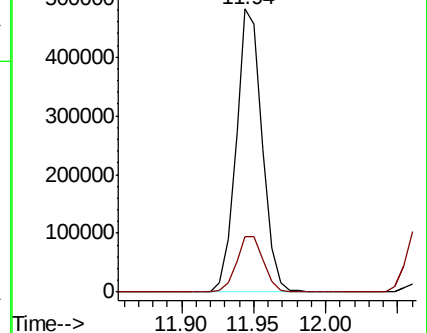
105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.053 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005108.D

Acq: 06 Oct 2018 10:53

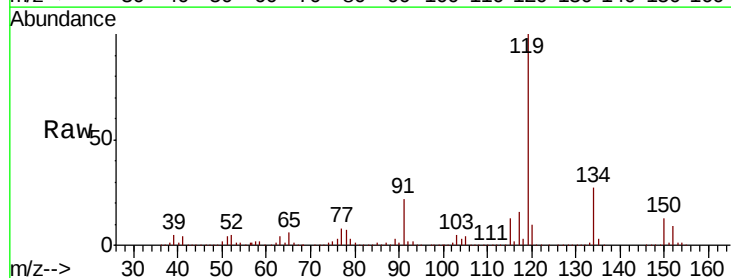
Tgt Ion:119 Resp: 545843

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

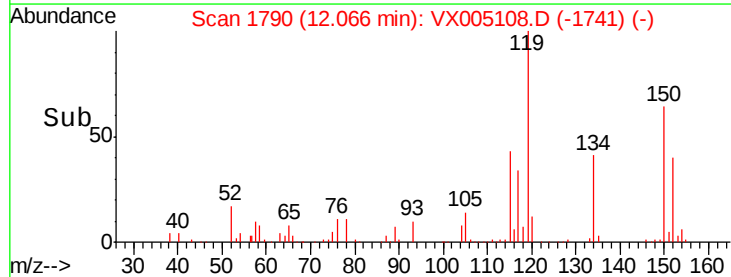
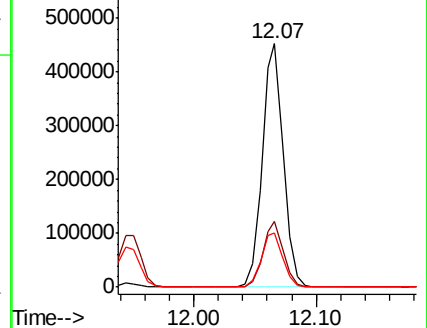
91 22.8 11.5 34.4

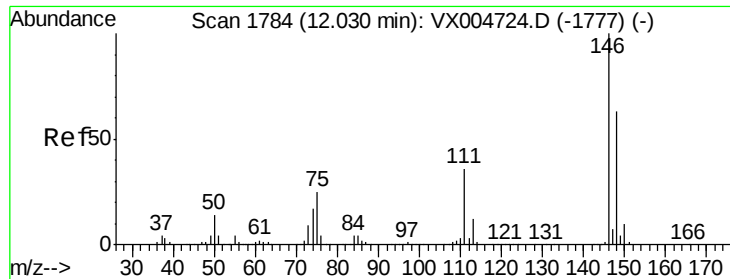


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

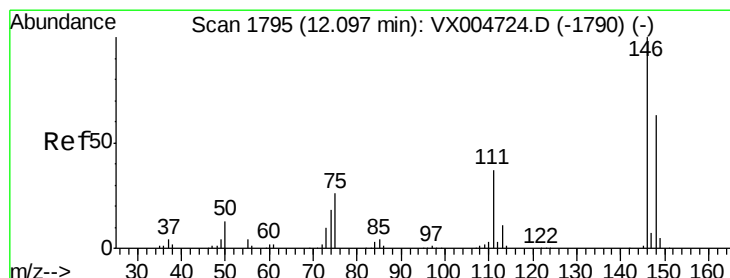
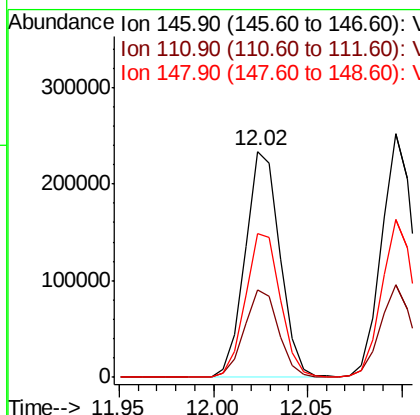
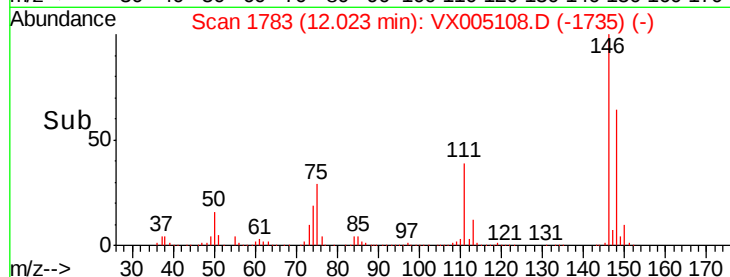
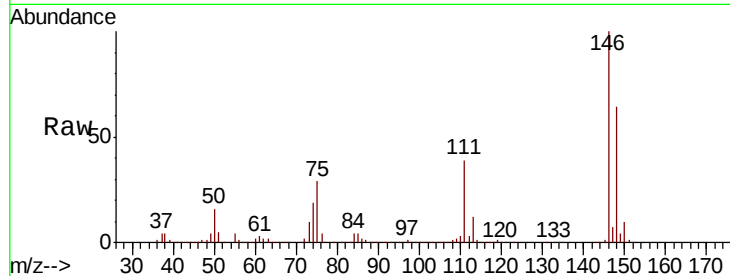




#87
 1,3-Dichlorobenzene
 Concen: 50.607 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

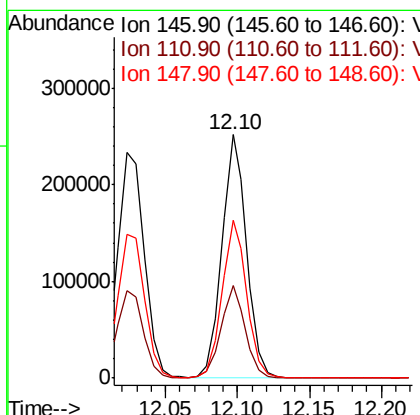
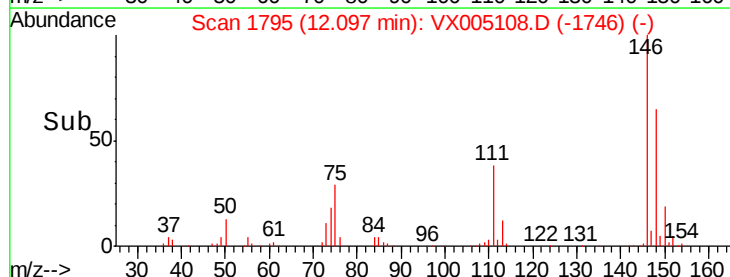
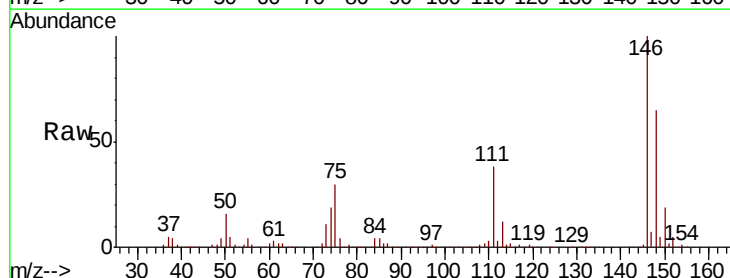
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MS

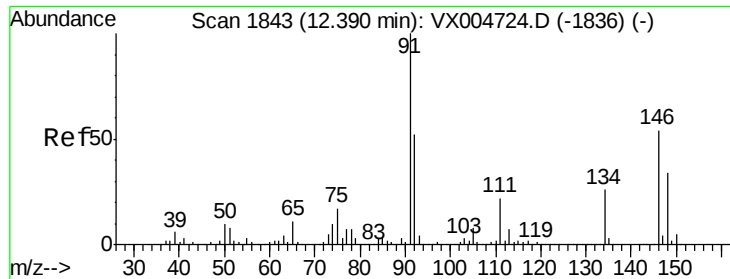
Tot Ion:146 Resp: 299521
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.629 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Tgt Ion:146 Resp: 303217
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.2
 148 64.9 32.0 96.0

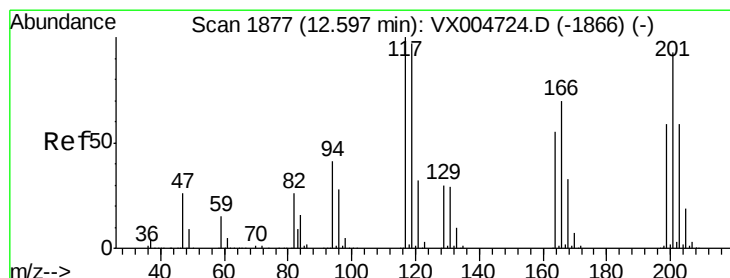
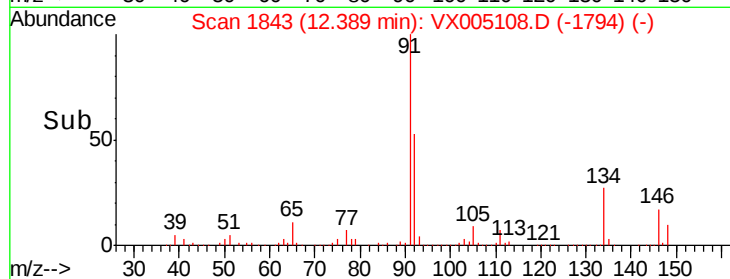
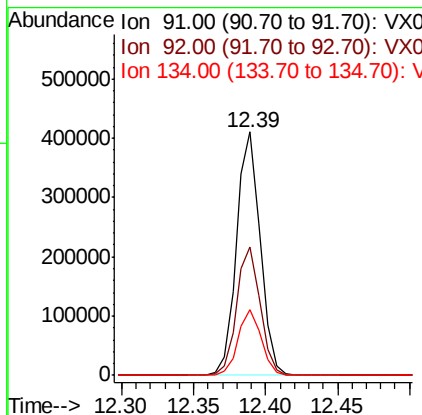
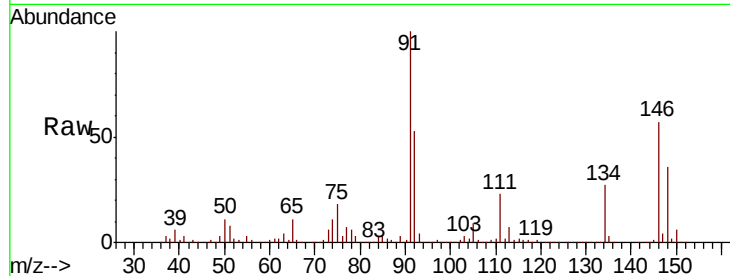




#89
n-Butylbenzene
Concen: 52.301 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

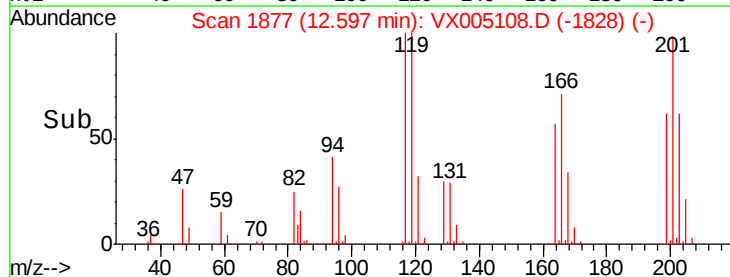
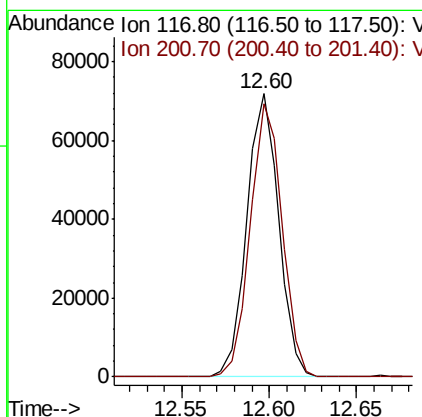
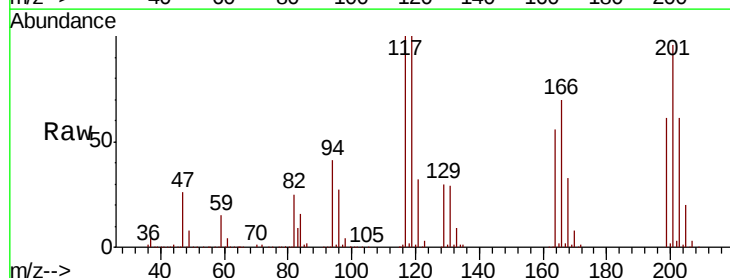
Instrument :
MSVOA_X
ClientSampled :
FA18-EX3MS

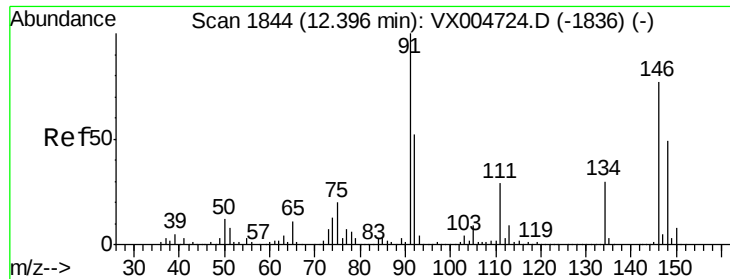
Tot Ion: 91 Resp: 470944
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.6 13.2 39.6



#90
Hexachloroethane
Concen: 55.083 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion: 117 Resp: 90930
Ion Ratio Lower Upper
117 100
201 96.7 48.4 145.0

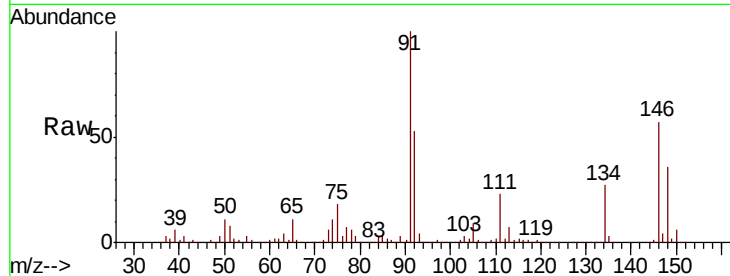




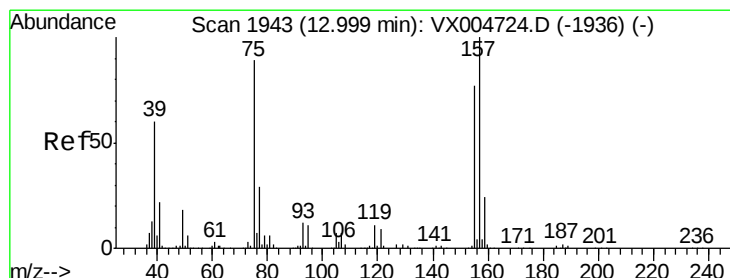
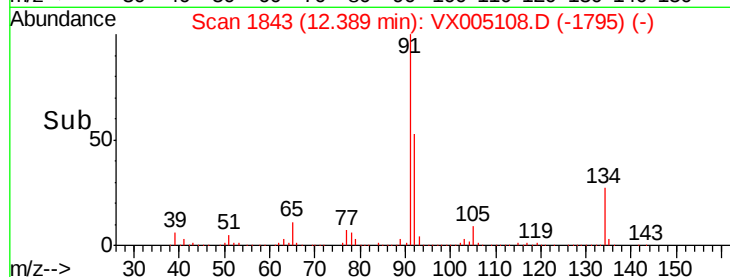
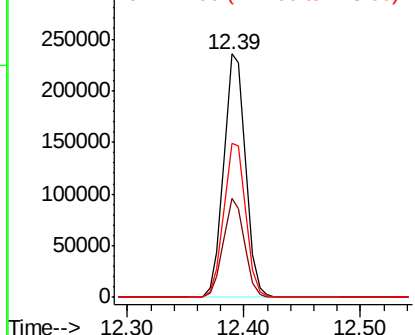
#91
 1,2-Dichlorobenzene
 Concen: 49.185 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MS

Tot Ion:146 Resp: 304213
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 63.9 31.8 95.4

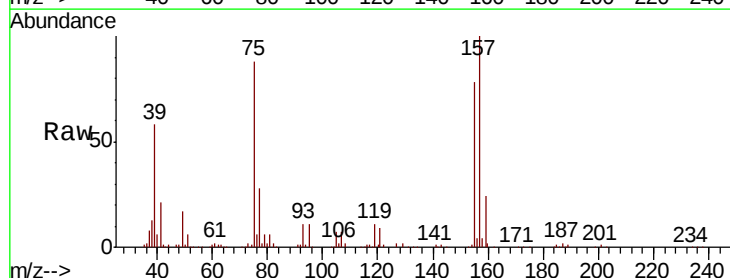


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

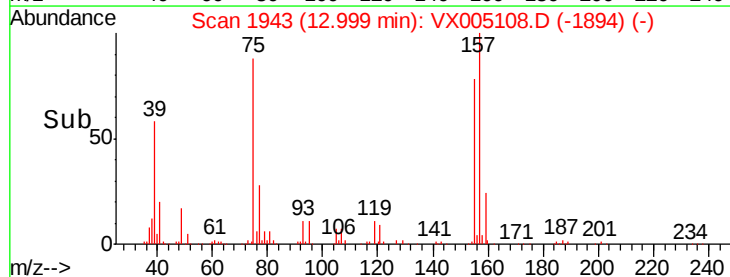
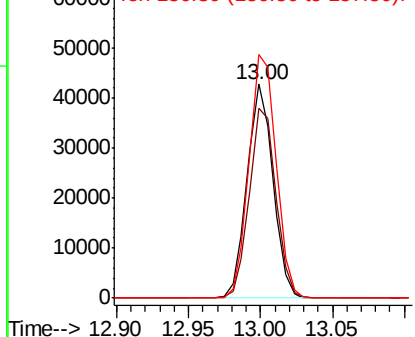


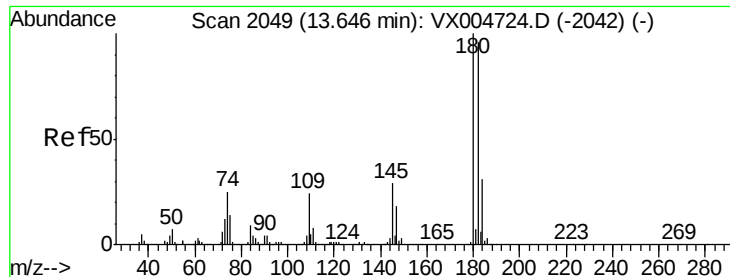
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.409 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Tgt Ion: 75 Resp: 53067
 Ion Ratio Lower Upper
 75 100
 155 90.8 46.1 138.3
 157 118.6 60.2 180.6



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

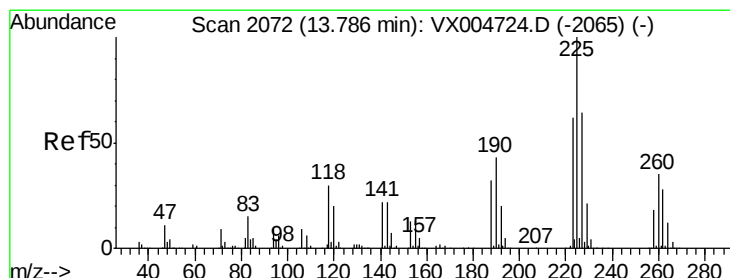
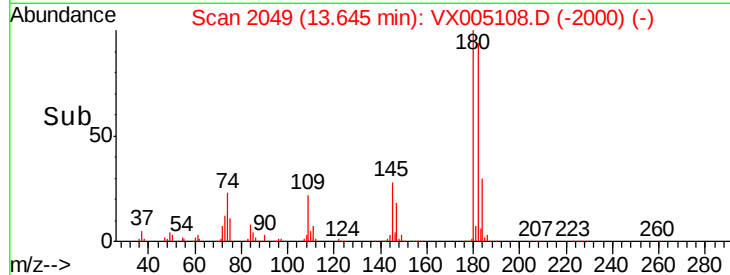
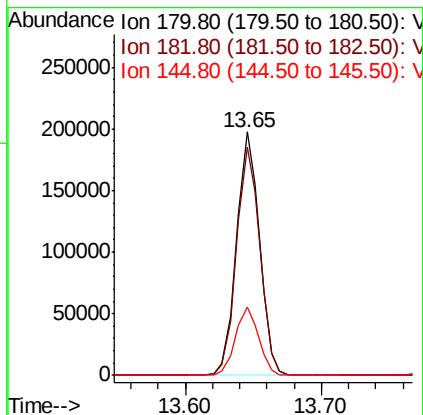
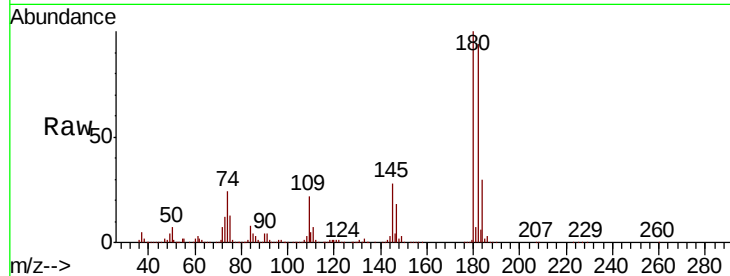




#93
 1,2,4-Trichlorobenzene
 Concen: 53.329 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

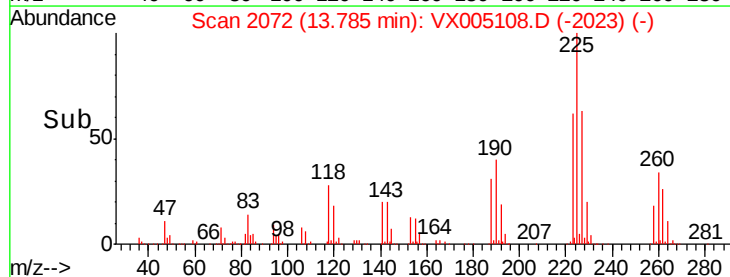
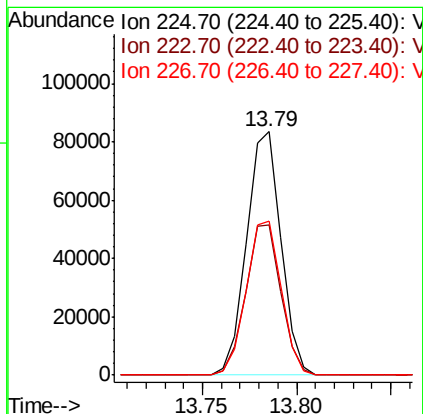
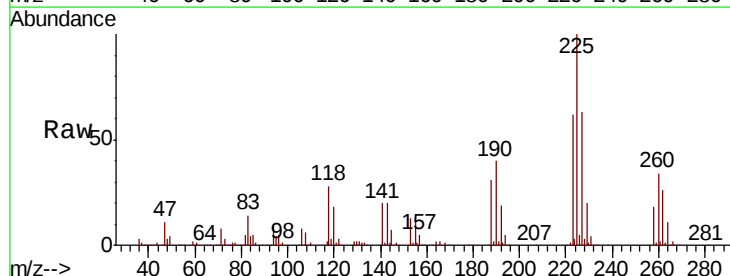
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MS

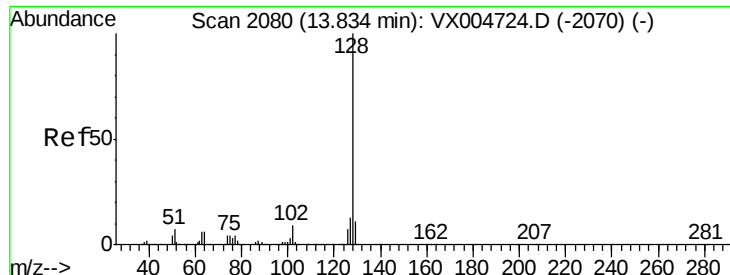
Tot Ion:180 Resp: 231381
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.4
 145 28.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 47.077 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005108.D
 Acq: 06 Oct 2018 10:53

Tgt Ion:225 Resp: 105918
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.3 93.8
 227 64.4 31.9 95.5

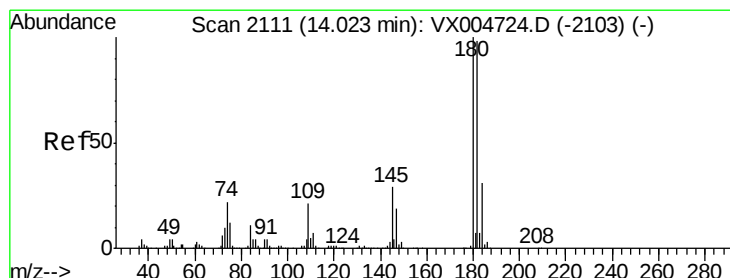
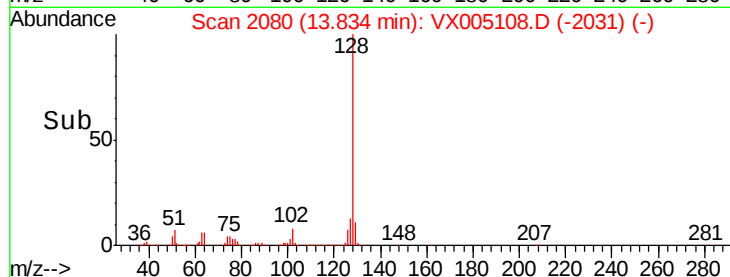
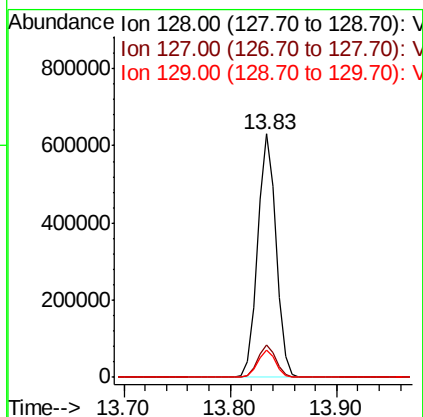
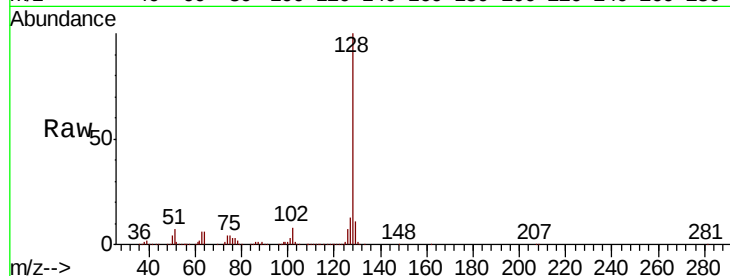




#95
Naphthalene
Concen: 53.069 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MS

Tot Ion:128 Resp: 764874
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.065 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005108.D
Acq: 06 Oct 2018 10:53

Tgt Ion:180 Resp: 237836
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.8
145 30.7 15.0 45.0

