

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004906.D
 Acq On : 02 Oct 2018 07:58
 Operator : JC/MD
 Sample : J5161-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MS

Quant Time: Oct 02 08:32:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166650	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
35) Dibromofluoromethane	5.50	113	134085	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	
50) Toluene-d8	8.72	98	501631	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	192427	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	157353	52.014	ug/l	100
3) Chloromethane	1.32	50	184417	50.246	ug/l	100
4) Vinyl Chloride	1.40	62	226637	65.837	ug/l	99
5) Bromomethane	1.64	94	78084	38.252	ug/l	99
6) Chloroethane	1.71	64	109602	58.834	ug/l	98
7) Trichlorofluoromethane	1.92	101	224927	52.779	ug/l	93
8) Diethyl Ether	2.19	74	96989	52.387	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	115535	47.593	ug/l	97
10) Methyl Iodide	2.51	142	57326	17.647	ug/l	99
11) Tert butyl alcohol	3.08	59	231739	261.491	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125280	52.111	ug/l	97
13) Acrolein	2.29	56	98507	156.226	ug/l	94
14) Allyl chloride	2.73	41	271676	51.792	ug/l	94
15) Acrylonitrile	3.15	53	524158	268.673	ug/l	99
16) Acetone	2.45	43	465459	251.543	ug/l	96
17) Carbon Disulfide	2.57	76	356382	49.333	ug/l	99
18) Methyl Acetate	2.78	43	263521	56.209	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	474720	57.246	ug/l	# 89
20) Methylene Chloride	2.85	84	150237	55.941	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	137116	52.101	ug/l	95
22) Diisopropyl ether	3.87	45	494463	55.979	ug/l	96
23) Vinyl Acetate	3.82	43	2124960	262.815	ug/l	96
24) 1,1-Dichloroethane	3.70	63	265089	50.311	ug/l	98
25) 2-Butanone	4.70	43	702677	257.620	ug/l	93
26) 2,2-Dichloropropane	4.58	77	113131	30.833	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	220585	75.029	ug/l	98
28) Bromochloromethane	5.02	49	124091	50.012	ug/l	89
29) Tetrahydrofuran	5.16	42	462203	272.641	ug/l	93
30) Chloroform	5.21	83	254765	51.160	ug/l	100
31) Cyclohexane	5.57	56	563928	139.837	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	215203	52.917	ug/l	98
36) 1,1-Dichloropropene	5.80	75	185302	45.123	ug/l	100
37) Ethyl Acetate	4.86	43	245947	45.119	ug/l	98
38) Carbon Tetrachloride	5.78	117	184547	42.751	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	427154	101.866	ug/l	95
40) Benzene	6.14	78	1123296	87.372	ug/l	99
41) Methacrylonitrile	5.06	41	142914	47.275	ug/l	96
42) 1,2-Dichloroethane	6.20	62	211247	46.480	ug/l	97
43) Isopropyl Acetate	6.46	43	388783	49.414	ug/l	96
44) Trichloroethene	7.21	130	151187	47.836	ug/l	94
45) 1,2-Dichloropropane	7.52	63	160033	50.759	ug/l	99
46) Dibromomethane	7.66	93	100560	50.751	ug/l	97
47) Bromodichloromethane	7.90	83	189847	51.175	ug/l	98
48) Methyl methacrylate	7.78	41	208472	58.377	ug/l	93
49) 1,4-Dioxane	7.75	88	88460	997.069	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1355721	273.664	ug/l	96
52) Toluene	8.79	92	531978	75.304	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	203003	48.424	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	218204	49.694	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	148420	47.963	ug/l	96
56) Ethyl methacrylate	9.18	69	247013	49.238	ug/l	92
57) 1,3-Dichloropropane	9.37	76	256106	49.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.27	63	2252	15.039	ug/l #	45
59) 2-Hexanone	9.50	43	1064154	257.775	ug/l	94
60) Dibromochloromethane	9.59	129	156390	50.535	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156273	47.155	ug/l	100
64) Tetrachloroethene	9.34	164	137743	43.155	ug/l	98
65) Chlorobenzene	10.14	112	398119	47.874	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	146129	49.984	ug/l	99
67) Ethyl Benzene	10.26	91	1240035	93.924	ug/l	99
68) m/p-Xylenes	10.36	106	1187003	230.076	ug/l	95
69) o-Xylene	10.70	106	334447	70.578	ug/l	97
70) Styrene	10.71	104	441383	49.811	ug/l	94
71) Bromoform	10.86	173	127554	50.963	ug/l	99
73) Isopropylbenzene	11.02	105	826562	66.265	ug/l	99
74) N-amyl acetate	10.90	43	346232	50.483	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	254126	50.048	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	277855	62.642	ug/l	88
77) Bromobenzene	11.26	156	187242	51.681	ug/l	98
78) n-propylbenzene	11.36	91	955405	66.755	ug/l	99
79) 2-Chlorotoluene	11.42	91	519107	58.190	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	787561	68.963	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	60465	37.689	ug/l	99
82) 4-Chlorotoluene	11.51	91	580325	55.267	ug/l	97
83) tert-Butylbenzene	11.77	119	574581	55.948	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1114396	94.697	ug/l	98
85) sec-Butylbenzene	11.94	105	725265	57.979	ug/l	100
86) p-Isopropyltoluene	12.07	119	638699	56.356	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	338010	49.962	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	345936	49.534	ug/l	99
89) n-Butylbenzene	12.39	91	576616	56.021	ug/l	96
90) Hexachloroethane	12.60	117	104276	55.261	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	347404	49.137	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59762	53.604	ug/l	97

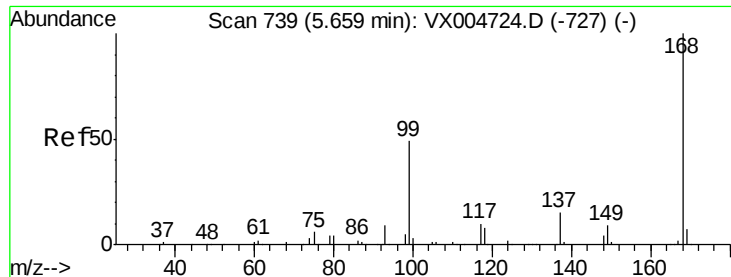
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	261441	52.715	ug/l	99
94) Hexachlorobutadiene	13.79	225	119880	46.614	ug/l	97
95) Naphthalene	13.83	128	970218	58.812	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	269330	52.570	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

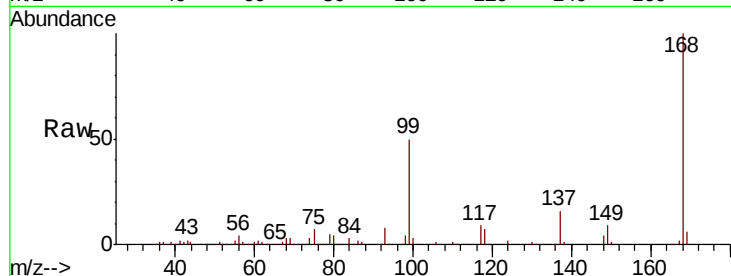
FA18-JMW-3202MS

Tot Ion:168 Resp: 221876

Ion Ratio Lower Upper

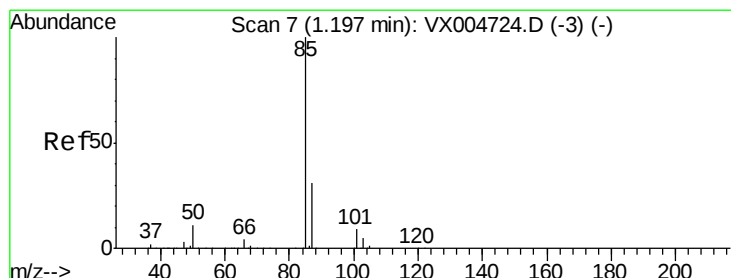
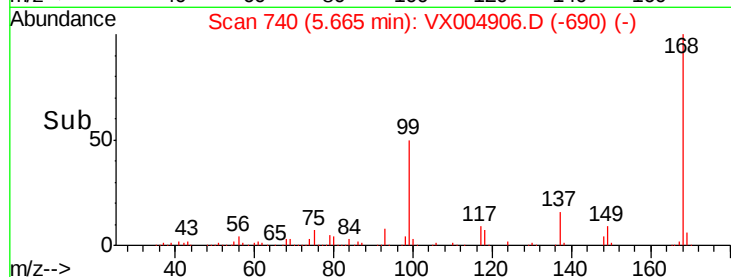
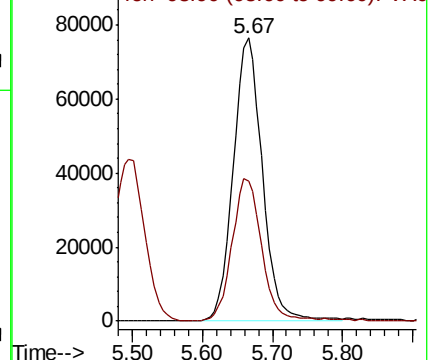
168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.014 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004906.D

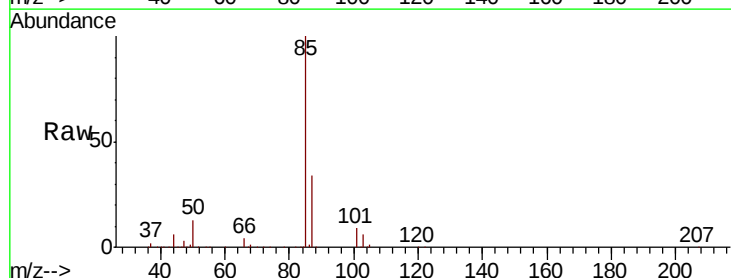
Acq: 02 Oct 2018 07:58

Tgt Ion: 85 Resp: 157353

Ion Ratio Lower Upper

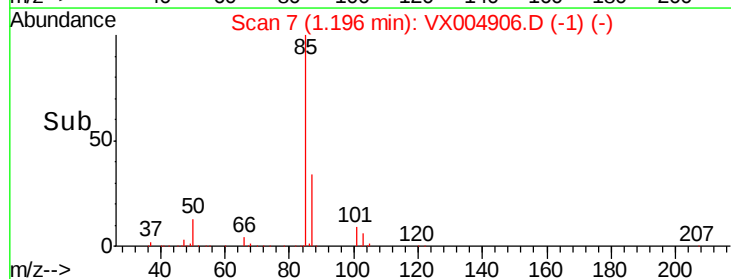
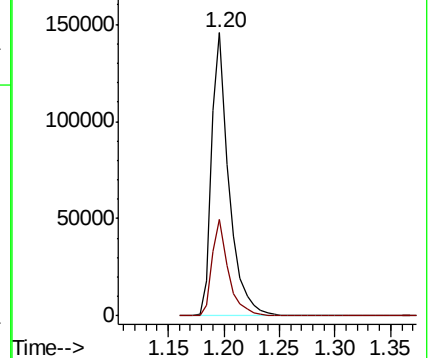
85 100

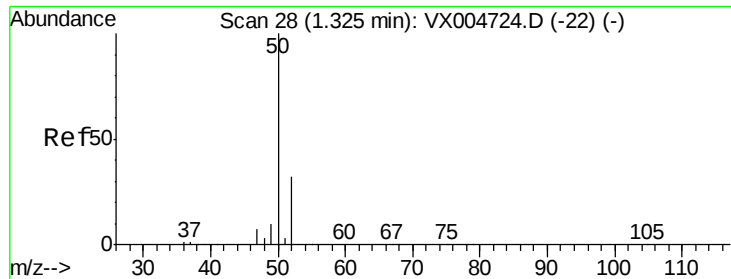
87 34.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.246 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

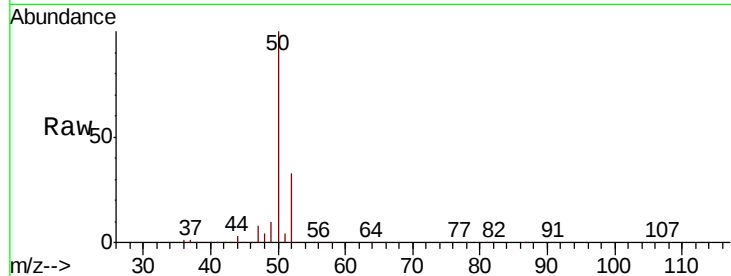
FA18-JMW-3202MS

Tot Ion: 50 Resp: 184417

Ion Ratio Lower Upper

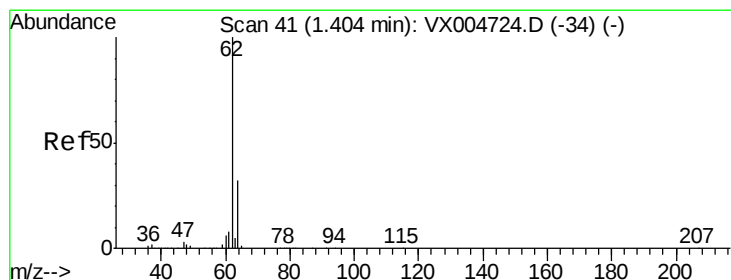
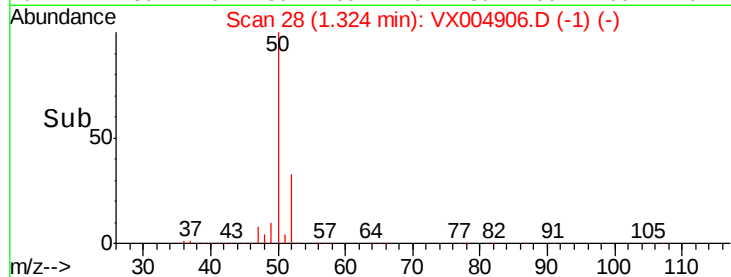
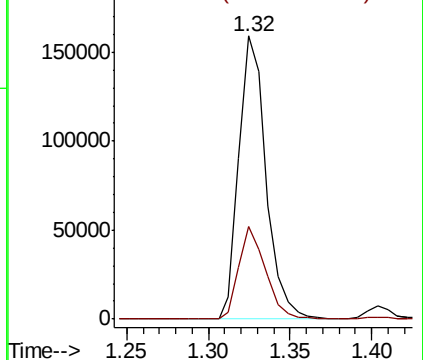
50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 65.837 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004906.D

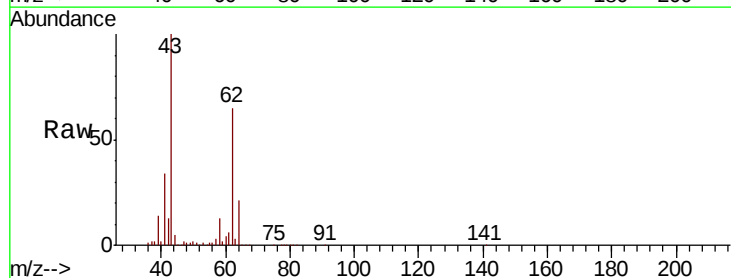
Acq: 02 Oct 2018 07:58

Tgt Ion: 62 Resp: 226637

Ion Ratio Lower Upper

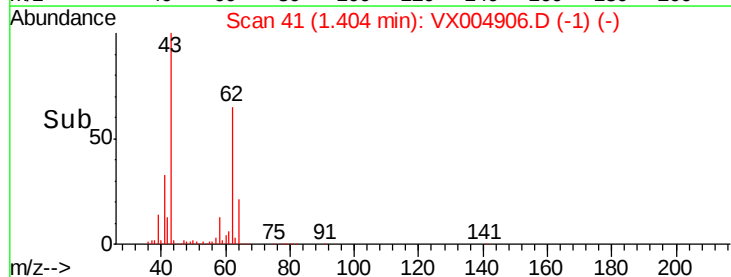
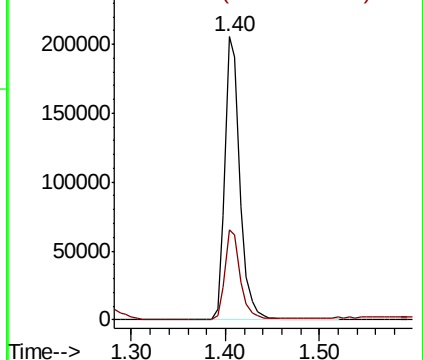
62 100

64 31.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 38.252 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

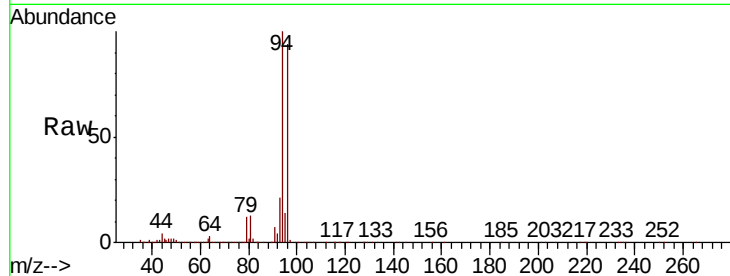
FA18-JMW-3202MS

Tot Ion: 94 Resp: 78084

Ion Ratio Lower Upper

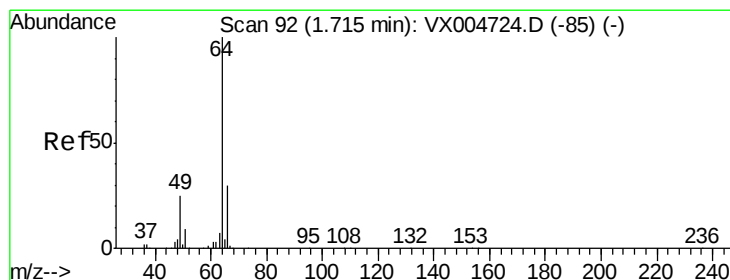
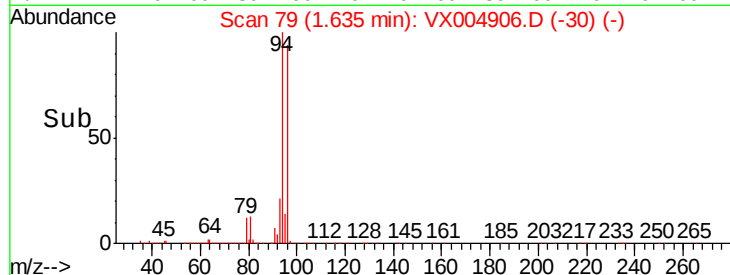
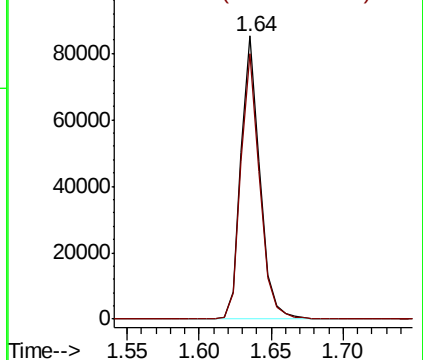
94 100

96 94.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.834 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004906.D

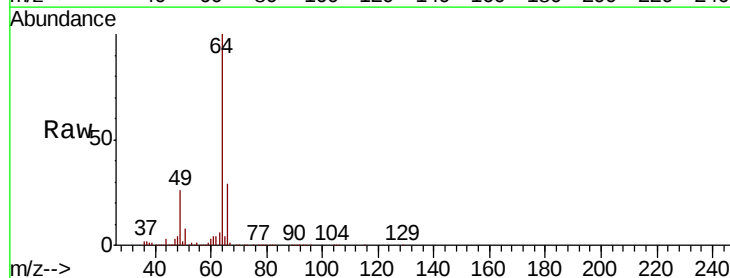
Acq: 02 Oct 2018 07:58

Tgt Ion: 64 Resp: 109602

Ion Ratio Lower Upper

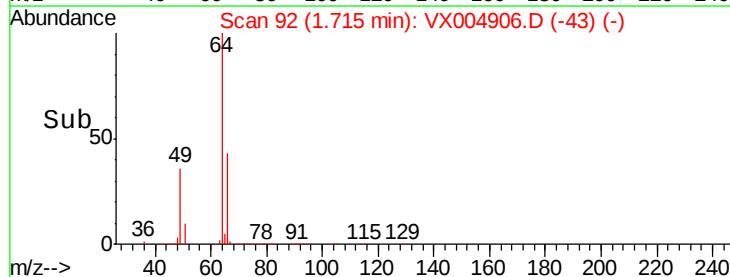
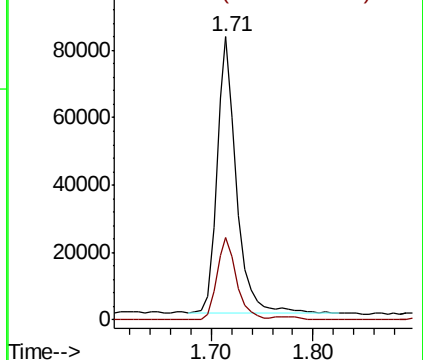
64 100

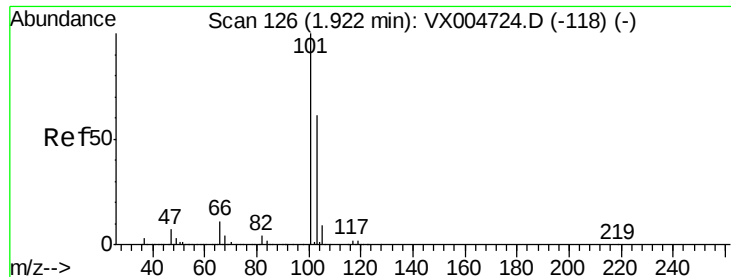
66 29.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



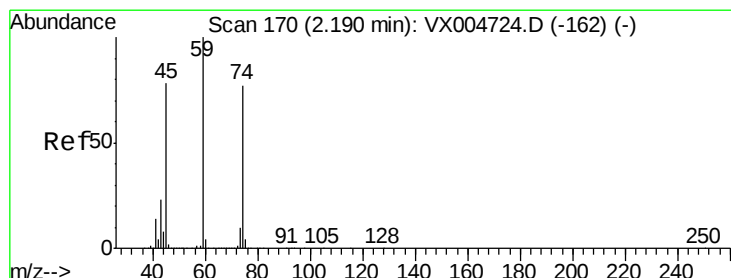
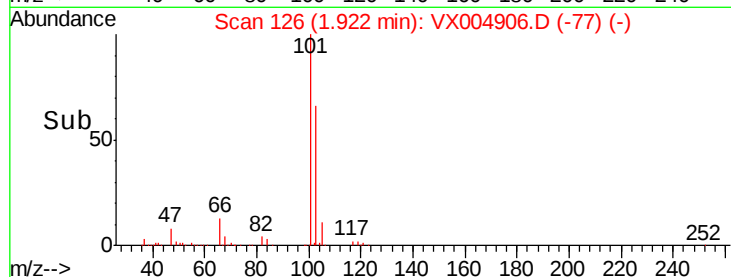
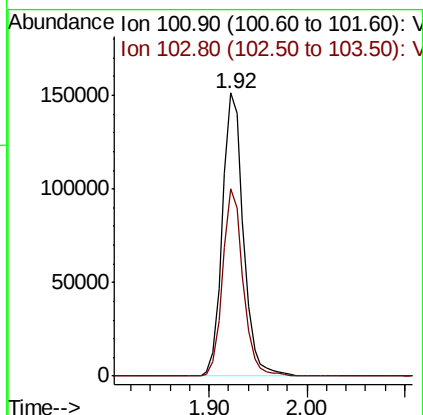
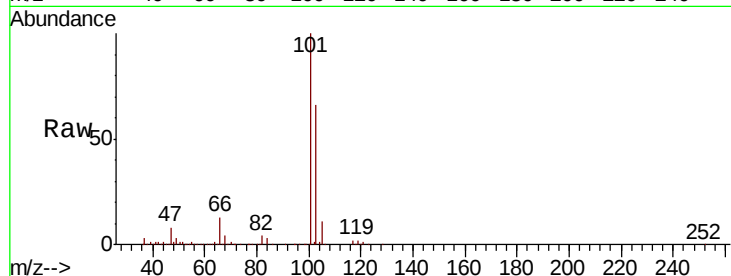


#7

Trichlorofluoromethane
 Concen: 52.779 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

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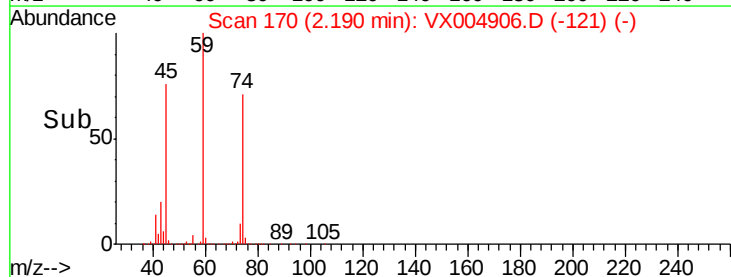
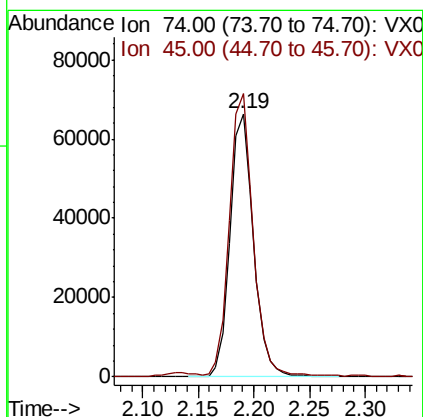
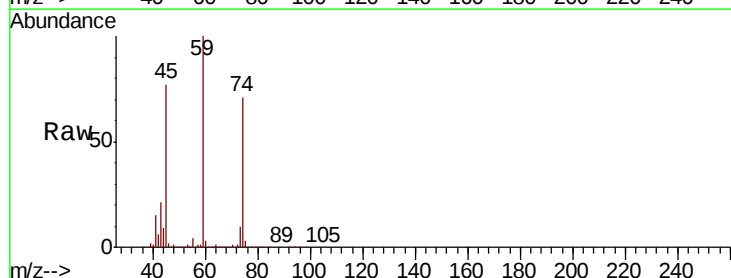
Tot Ion:101 Resp: 224927
 Ion Ratio Lower Upper
 101 100
 103 66.4 48.9 73.3



#8

Diethyl Ether
 Concen: 52.387 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

Tgt Ion: 74 Resp: 96989
 Ion Ratio Lower Upper
 74 100
 45 106.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.593 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

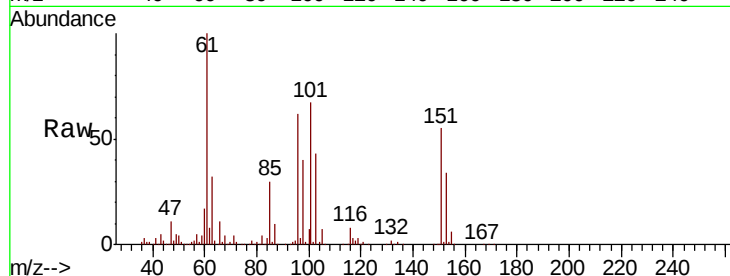
Tot Ion:101 Resp: 11535

Ion Ratio Lower Upper

101 100

85 44.8 34.2 51.4

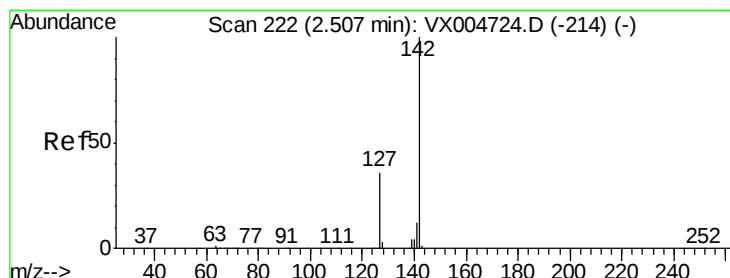
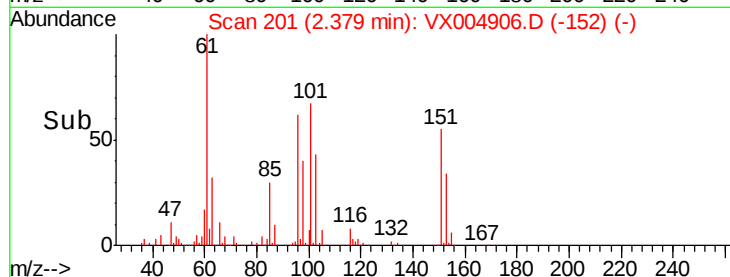
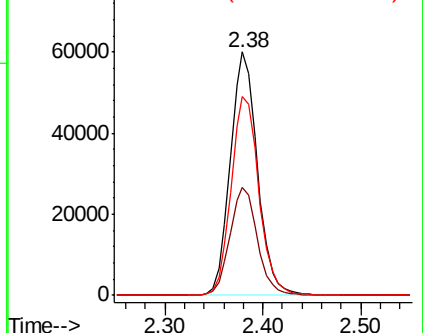
151 83.6 65.0 97.6



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: 17.647 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

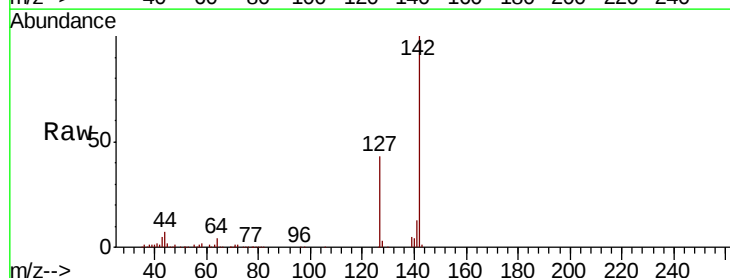
Tgt Ion:142 Resp: 57326

Ion Ratio Lower Upper

142 100

127 42.9 33.8 50.6

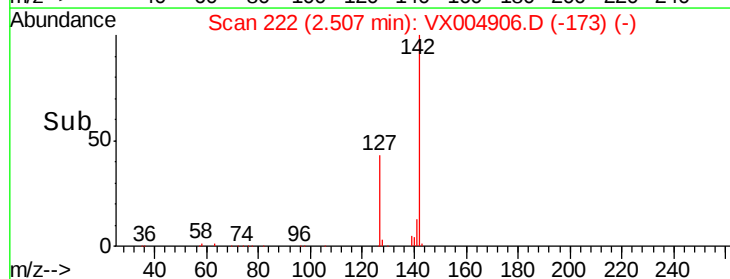
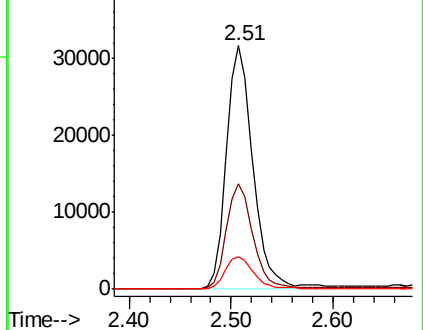
141 14.3 11.4 17.0

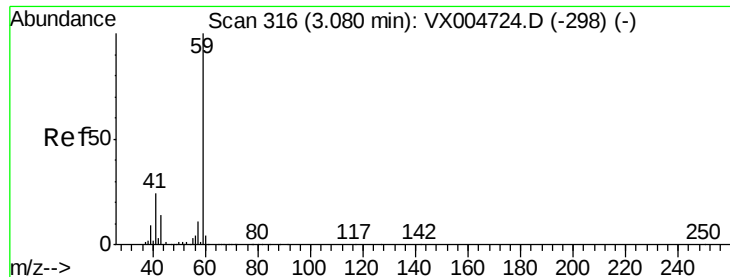


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

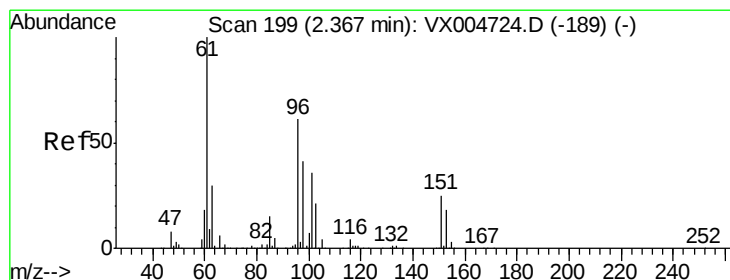
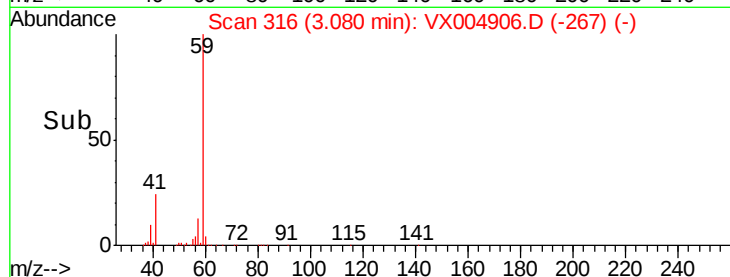
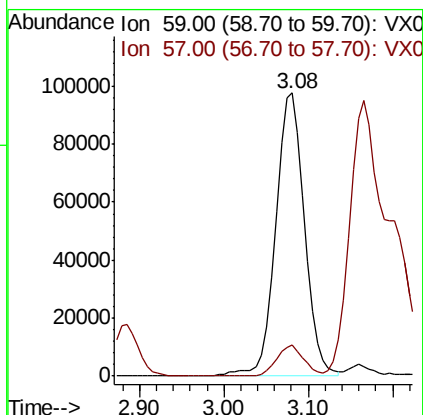
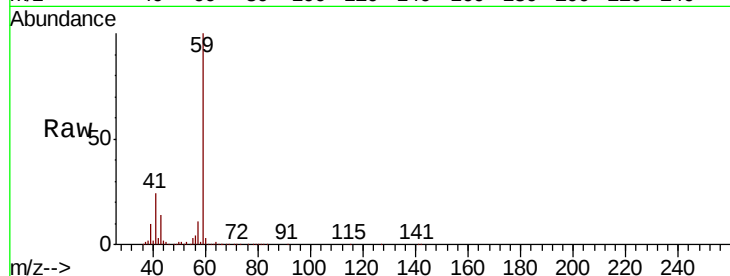




#11
Tert butyl alcohol
Concen: 261.491 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

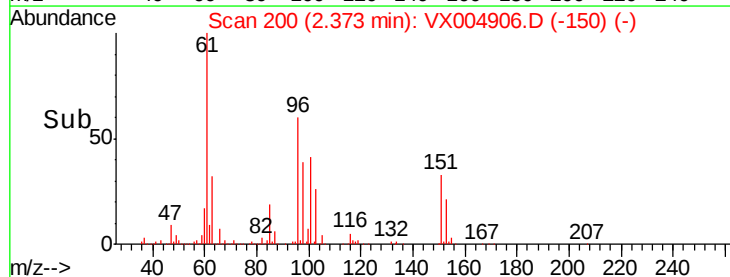
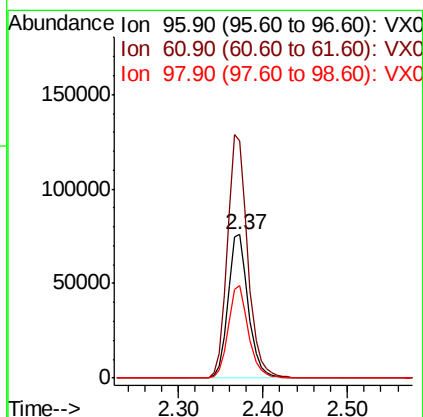
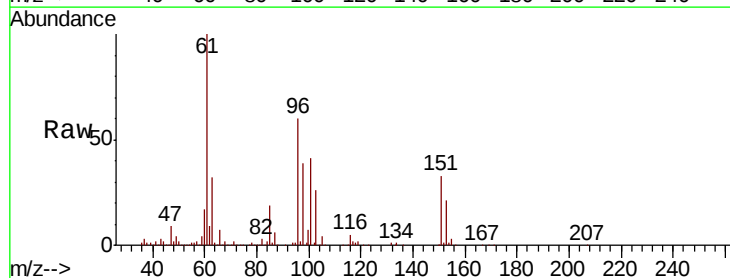
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

Tot Ion: 59 Resp: 231739
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.111 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion: 96 Resp: 125280
Ion Ratio Lower Upper
96 100
61 165.6 128.8 193.2
98 64.2 52.2 78.2





#13

Acrolein

Concen: 156.226 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

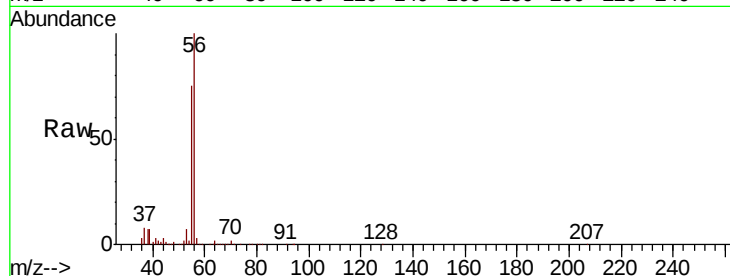
FA18-JMW-3202MS

Tot Ion: 56 Resp: 98507

Ion Ratio Lower Upper

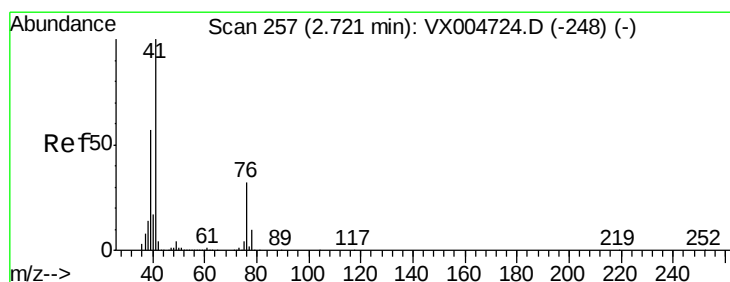
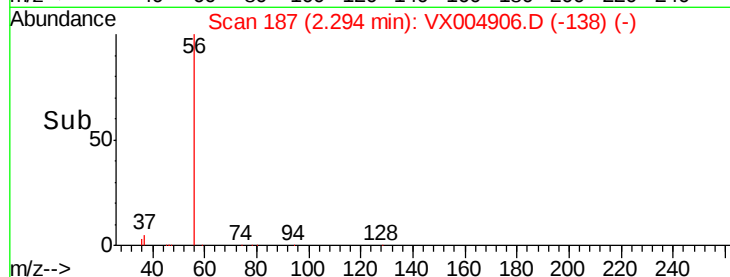
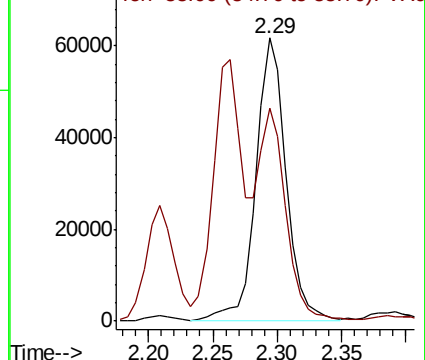
56 100

55 63.3 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.792 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

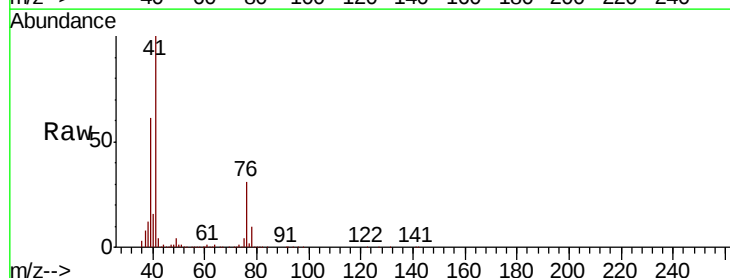
Tgt Ion: 41 Resp: 271676

Ion Ratio Lower Upper

41 100

39 57.8 48.9 73.3

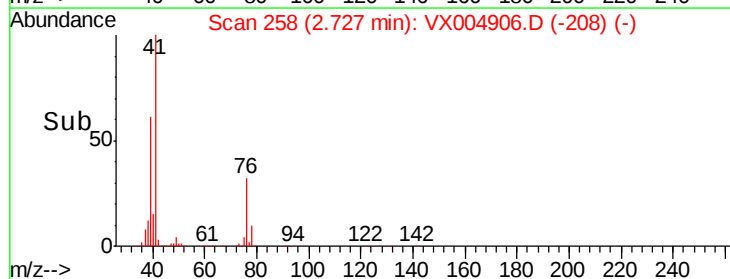
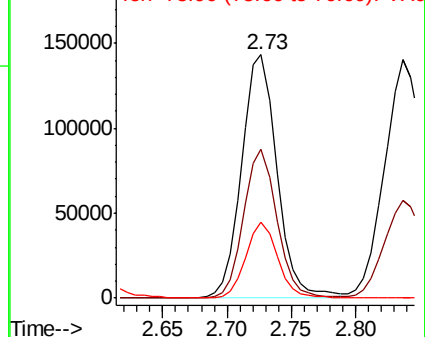
76 28.1 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 268.673 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

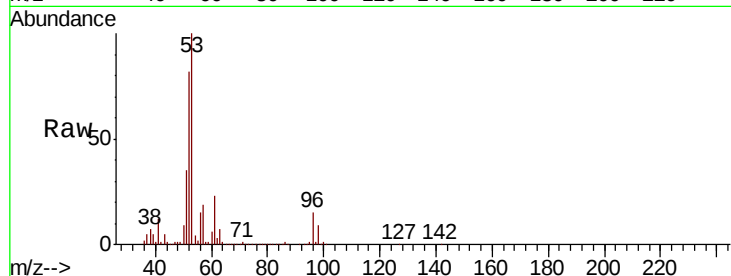
Tot Ion: 53 Resp: 524158

Ion Ratio Lower Upper

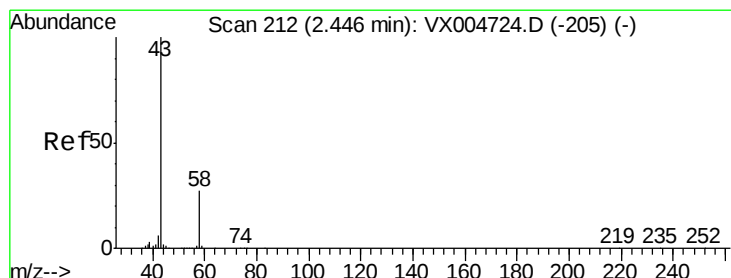
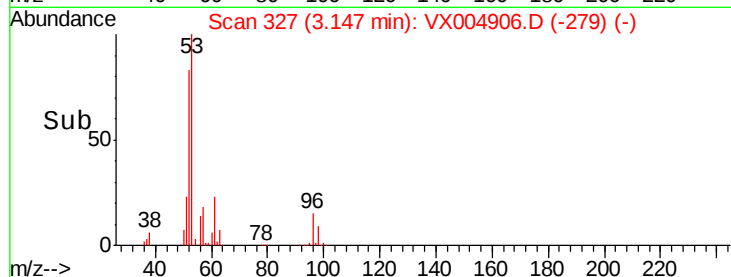
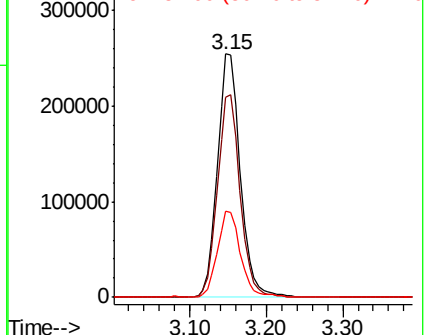
53 100

52 82.1 65.2 97.8

51 35.9 28.2 42.2



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



#16

Acetone

Concen: 251.543 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004906.D

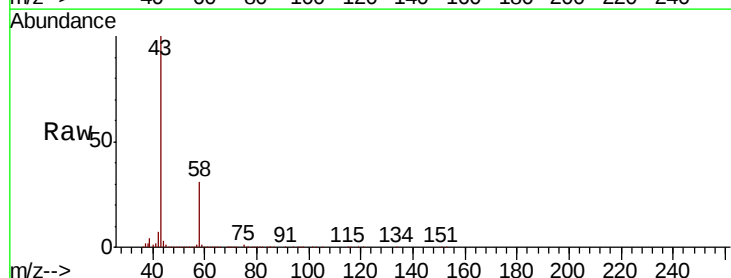
Acq: 02 Oct 2018 07:58

Tgt Ion: 43 Resp: 465459

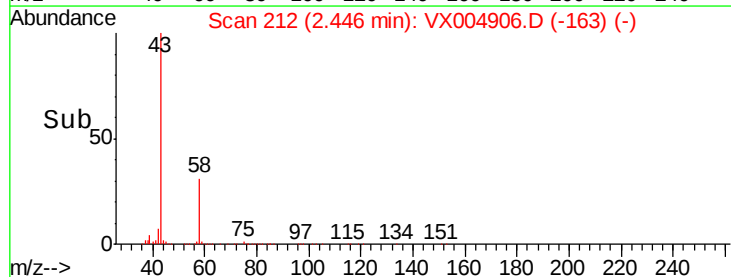
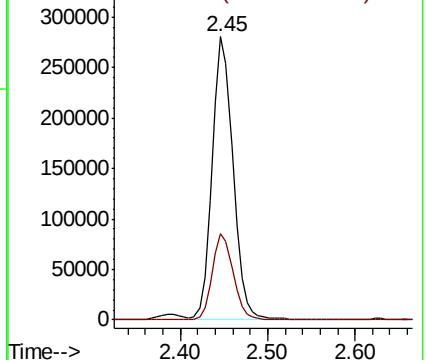
Ion Ratio Lower Upper

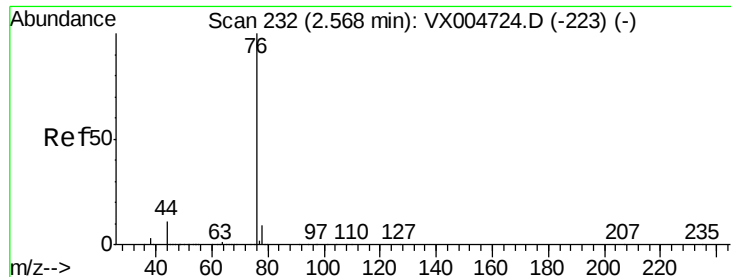
43 100

58 30.6 26.2 39.4



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





#17

Carbon Disulfide

Concen: 49.333 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

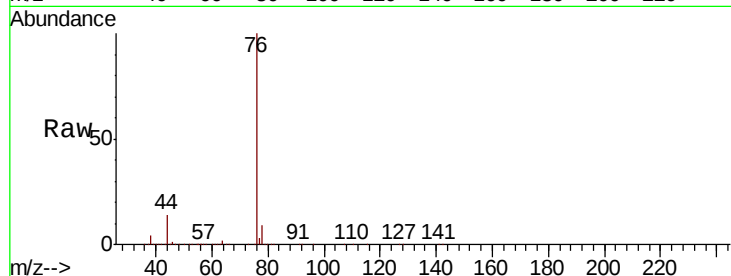
FA18-JMW-3202MS

Tot Ion: 76 Resp: 356382

Ion Ratio Lower Upper

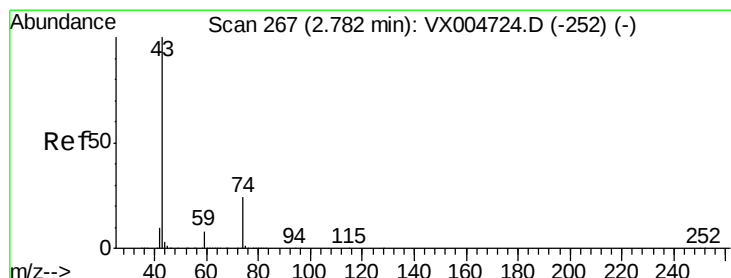
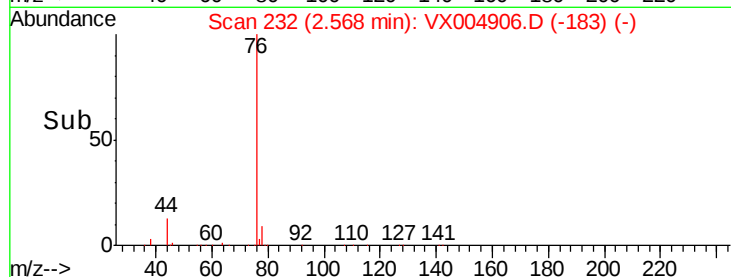
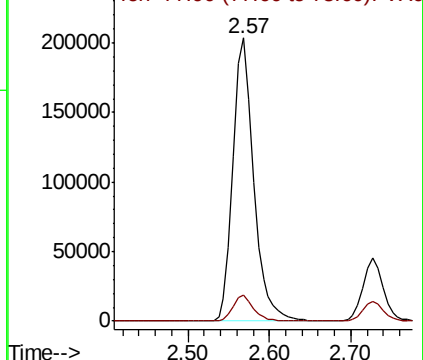
76 100

78 9.1 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: 56.209 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004906.D

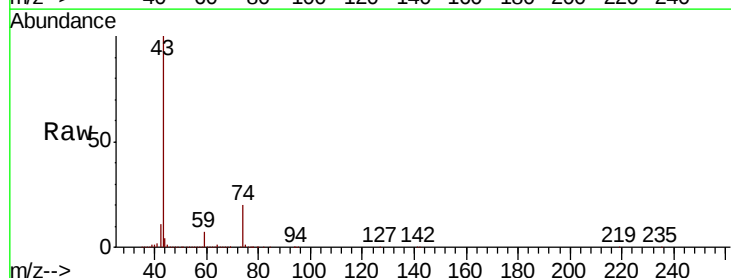
Acq: 02 Oct 2018 07:58

Tgt Ion: 43 Resp: 263521

Ion Ratio Lower Upper

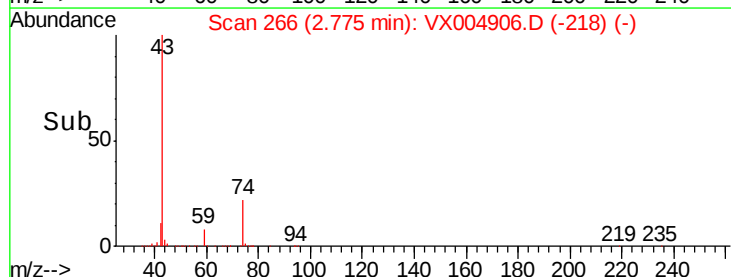
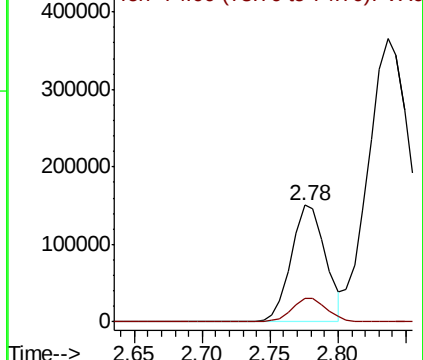
43 100

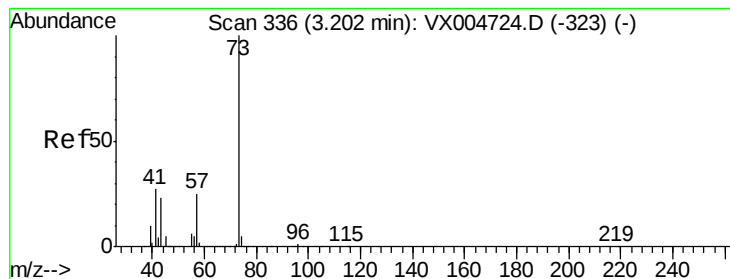
74 21.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



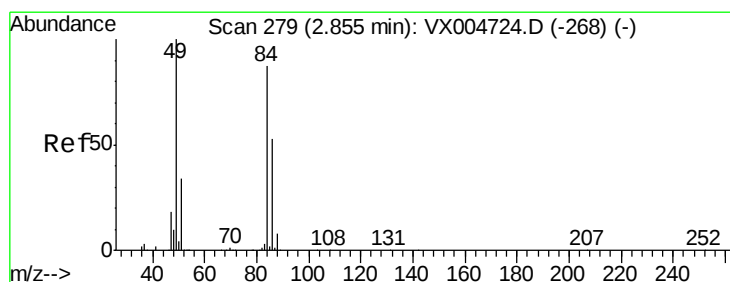
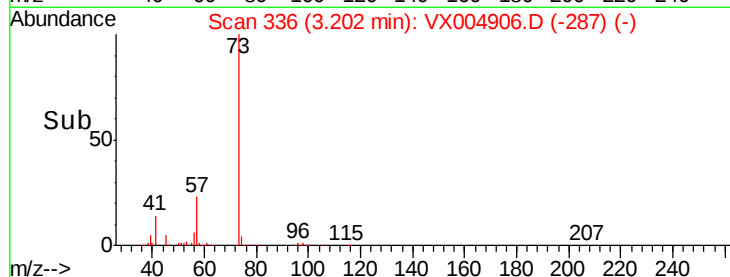
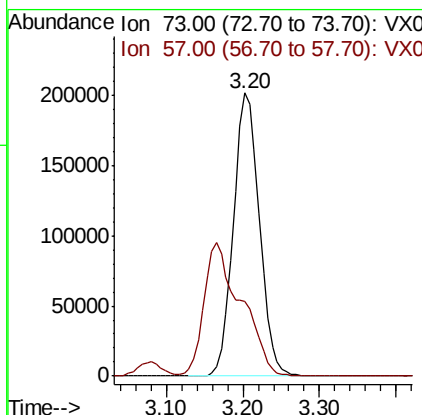
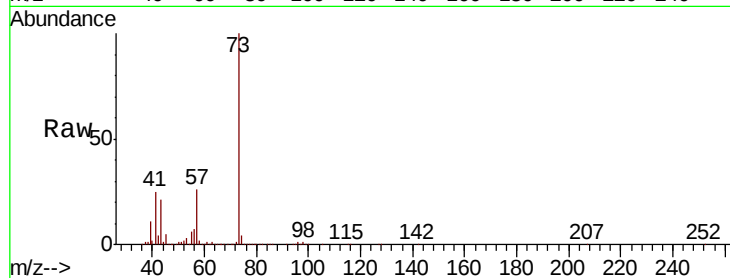


#19

Methyl tert-butyl Ether
 Concen: 57.246 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MS

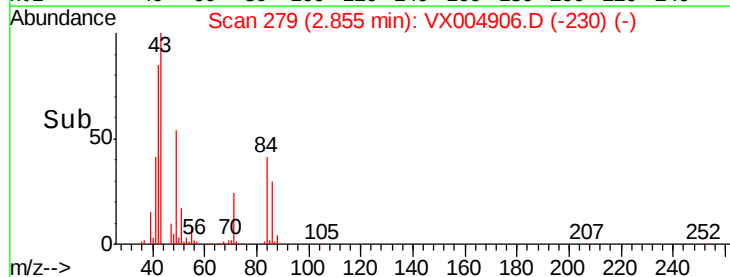
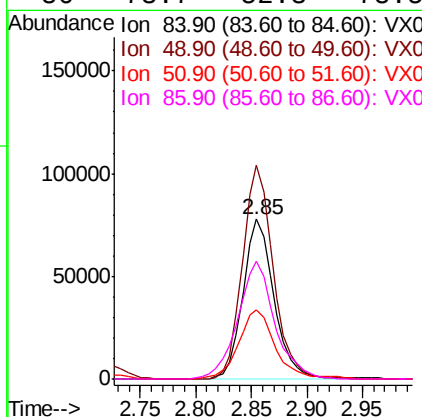
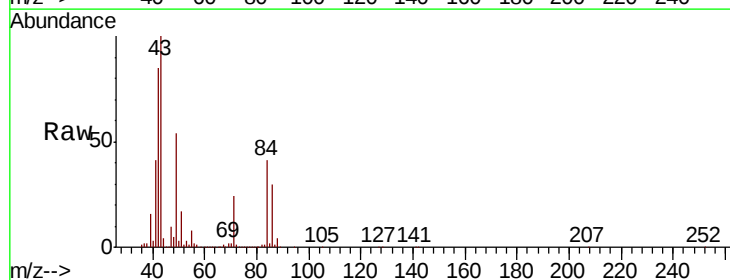
Tot Ion: 73 Resp: 474720
 Ion Ratio Lower Upper
 73 100
 57 26.4 17.1 25.7#

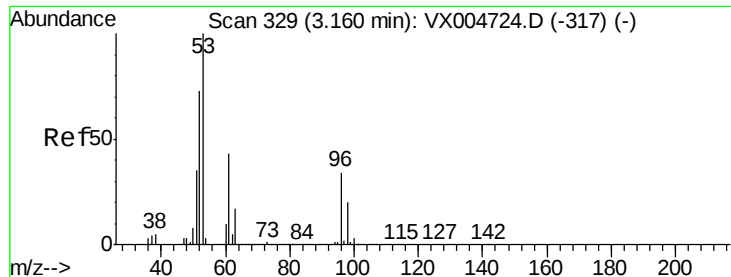


#20

Methylene Chloride
 Concen: 55.941 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

Tgt Ion: 84 Resp: 150237
 Ion Ratio Lower Upper
 84 100
 49 134.0 101.2 151.8
 51 42.9 29.5 44.3
 86 73.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 52.101 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

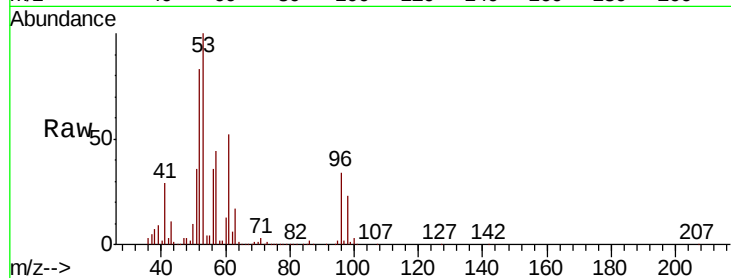
Tot Ion: 96 Resp: 137116

Ion Ratio Lower Upper

96 100

61 150.1 113.8 170.6

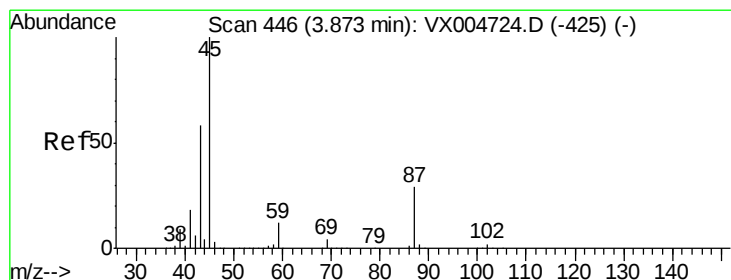
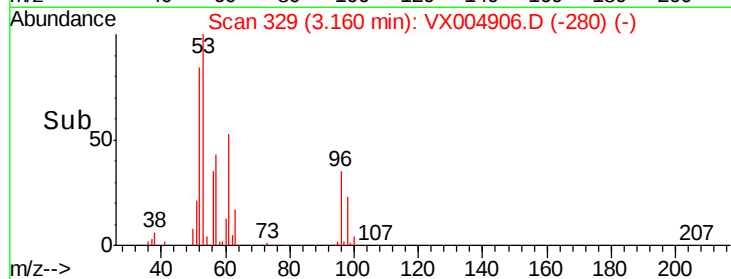
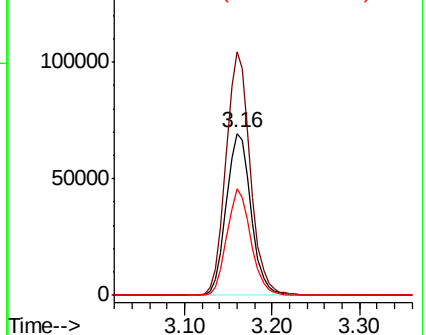
98 65.7 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.979 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Tgt Ion: 45 Resp: 494463

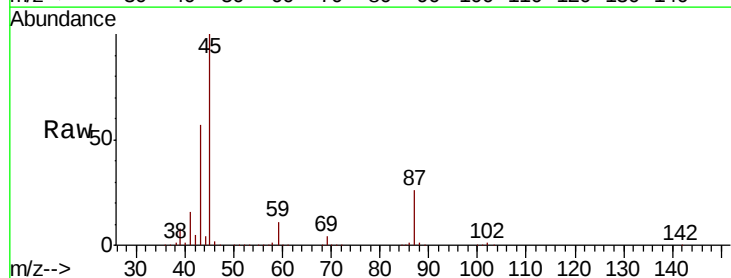
Ion Ratio Lower Upper

45 100

43 57.0 42.8 64.2

87 25.9 22.6 34.0

59 11.3 9.6 14.4

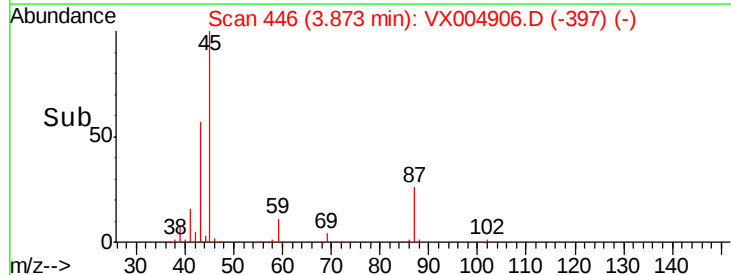
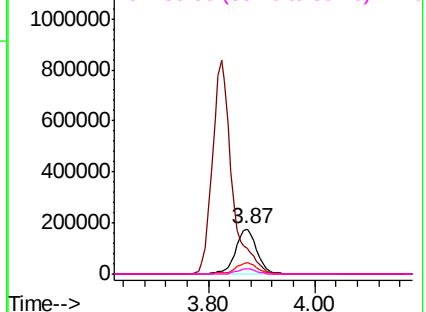


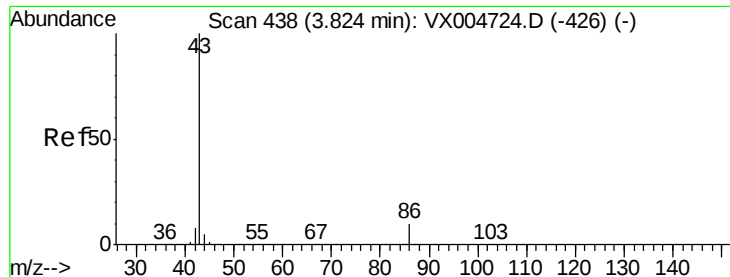
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 262.815 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

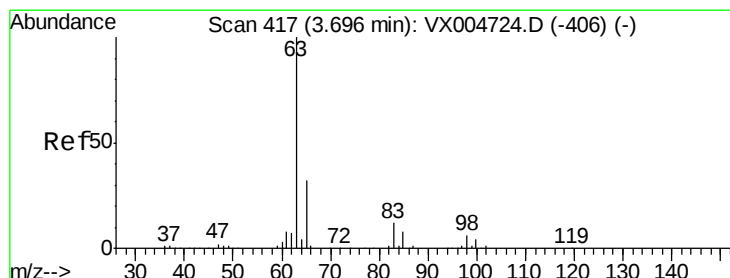
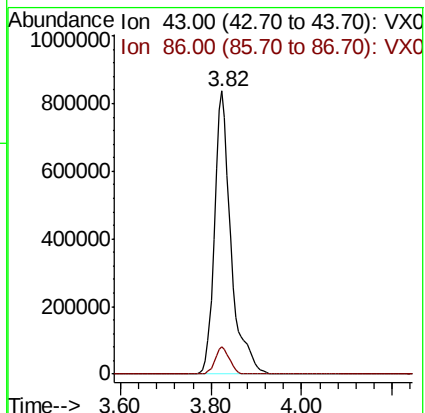
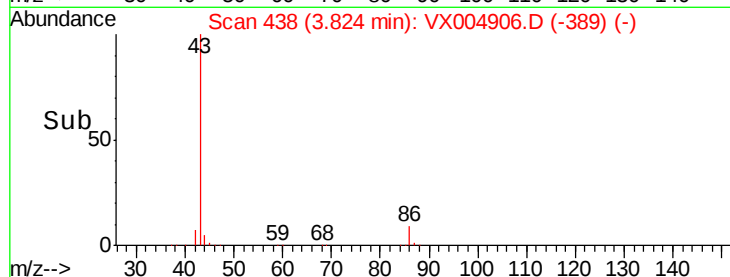
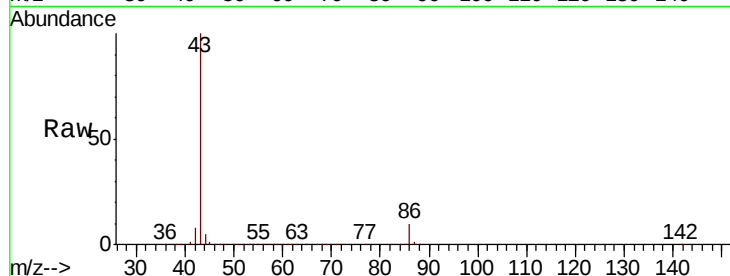
FA18-JMW-3202MS

Tot Ion: 43 Resp: 2124960

Ion Ratio Lower Upper

43 100

86 9.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 50.311 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

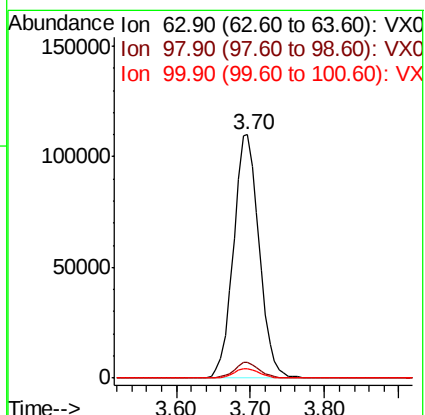
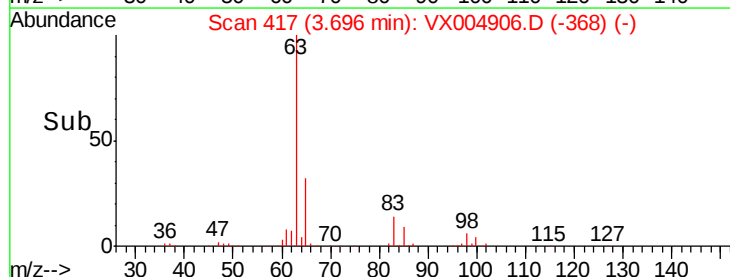
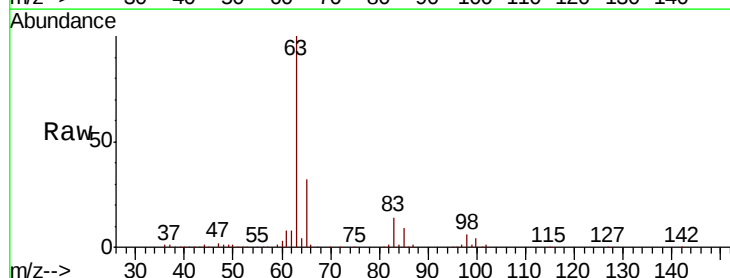
Tgt Ion: 63 Resp: 265089

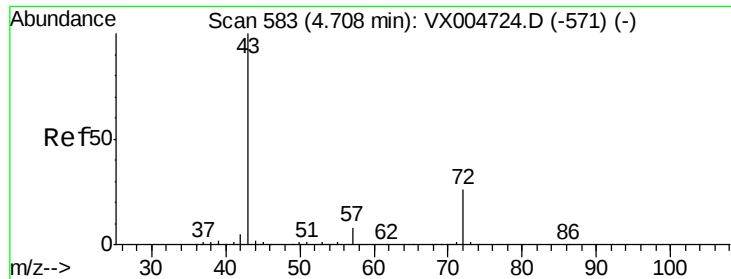
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.0 2.4 7.1

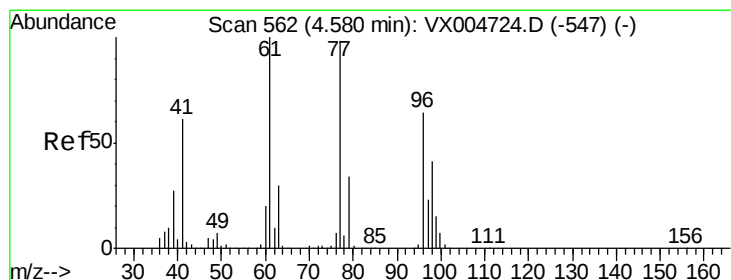
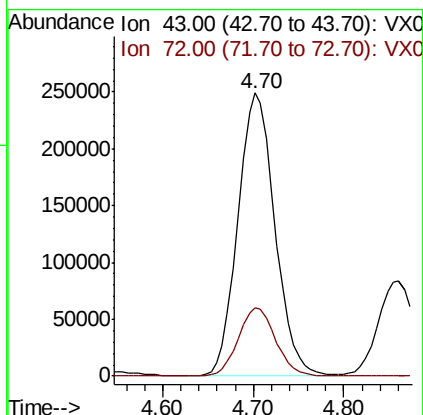
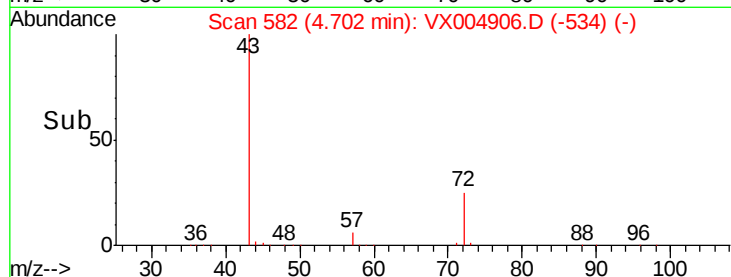
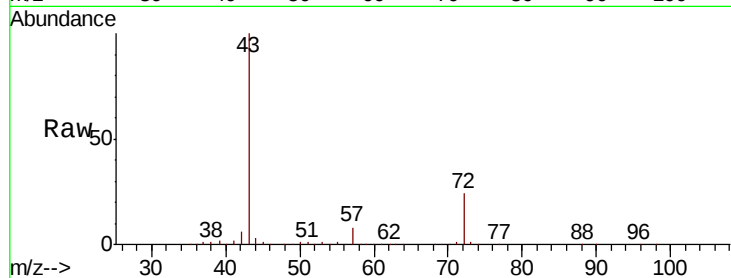




#25
2-Butanone
Concen: 257.620 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

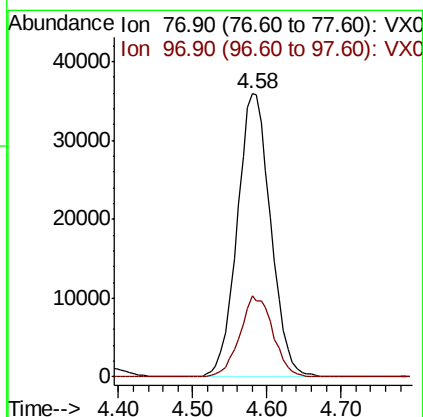
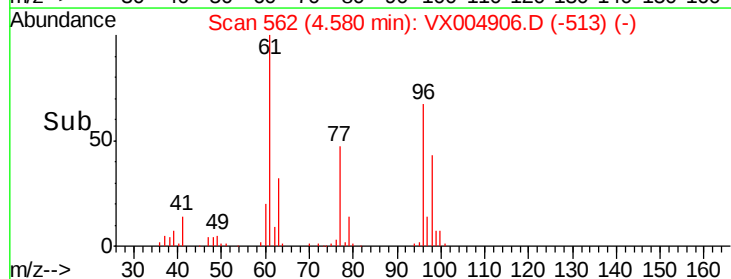
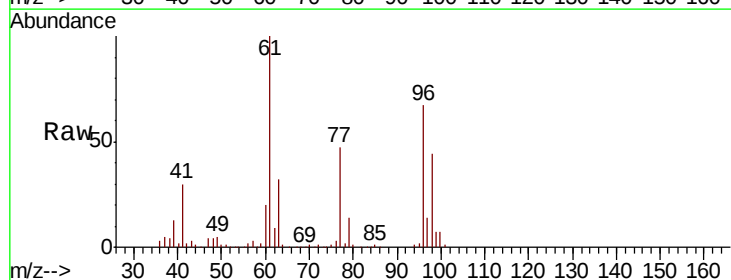
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

Tot Ion: 43 Resp: 702677
Ion Ratio Lower Upper
43 100
72 24.1 22.0 33.0



#26
2,2-Dichloropropane
Concen: 30.833 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion: 77 Resp: 113131
Ion Ratio Lower Upper
77 100
97 28.3 11.7 35.0



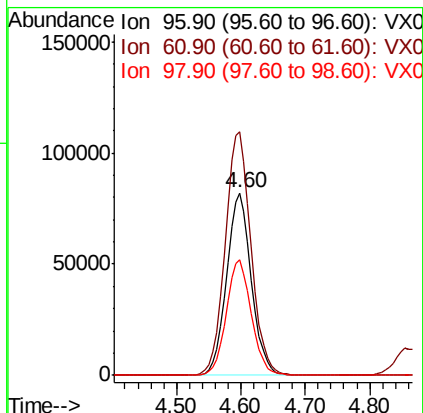
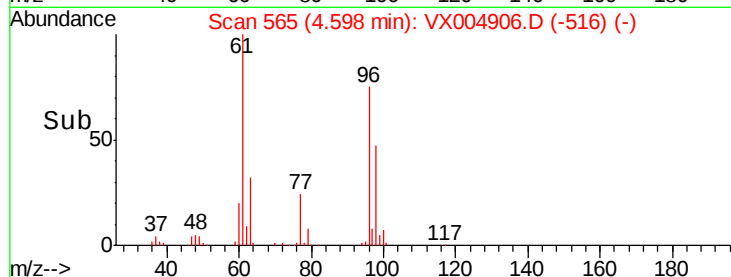
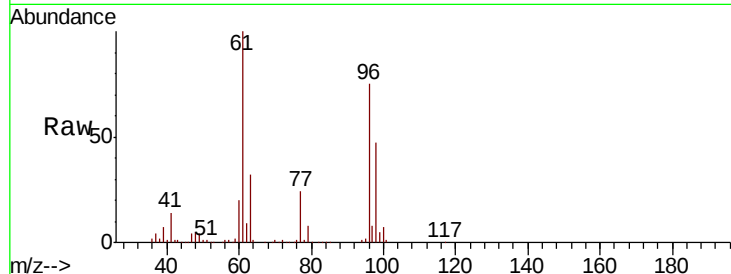


#27

cis-1,2-Dichloroethene
Concen: 75.029 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

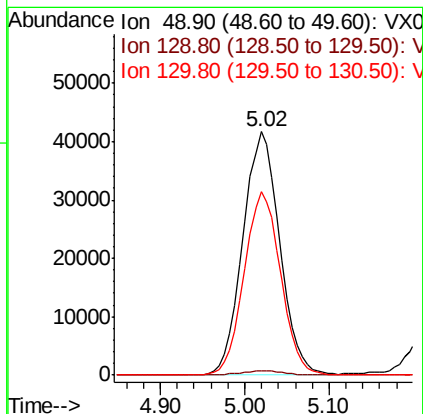
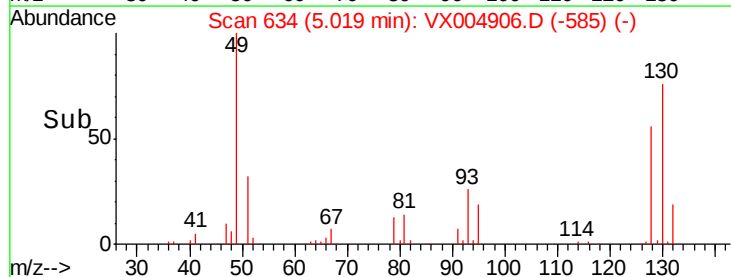
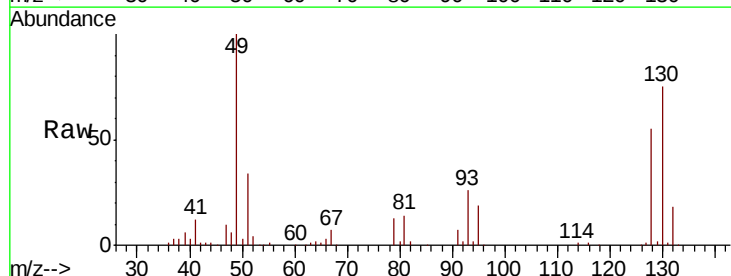
Tot Ion: 96 Resp: 220585
Ion Ratio Lower Upper
96 100
61 139.0 0.0 282.6
98 64.0 0.0 130.2



#28

Bromochloromethane
Concen: 50.012 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion: 49 Resp: 124091
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 74.3 67.5 101.3

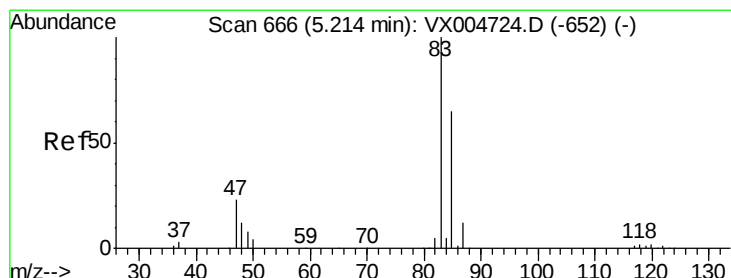
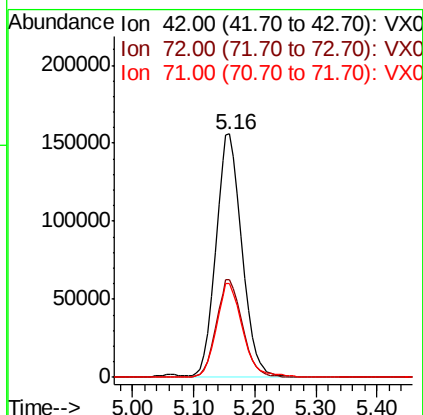
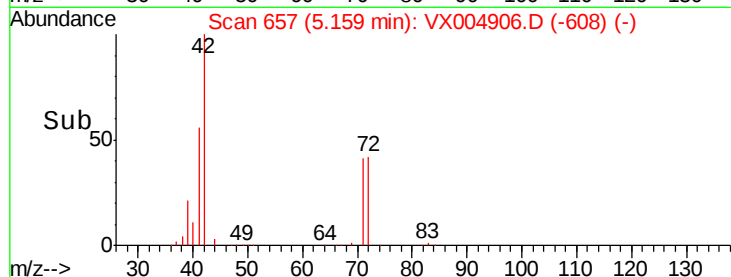
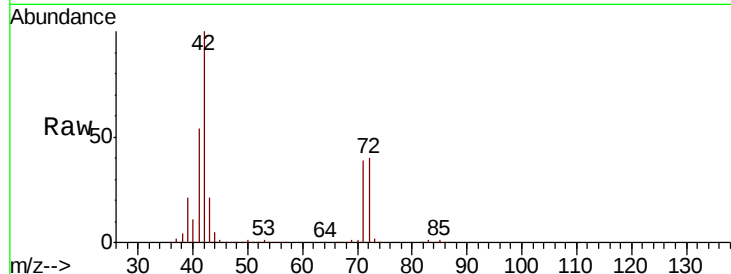




#29
Tetrahydrofuran
Concen: 272.641 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

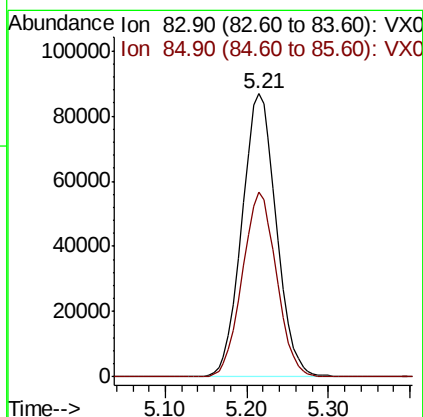
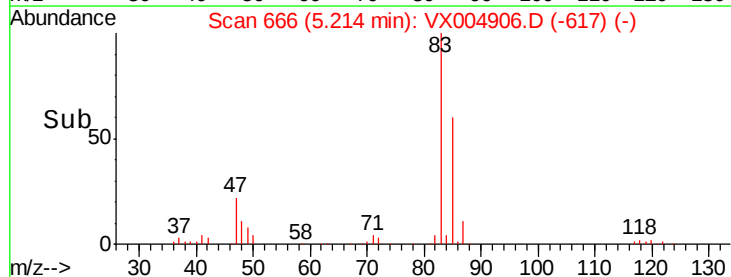
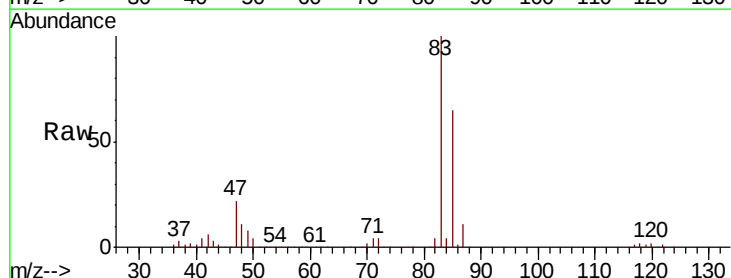
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

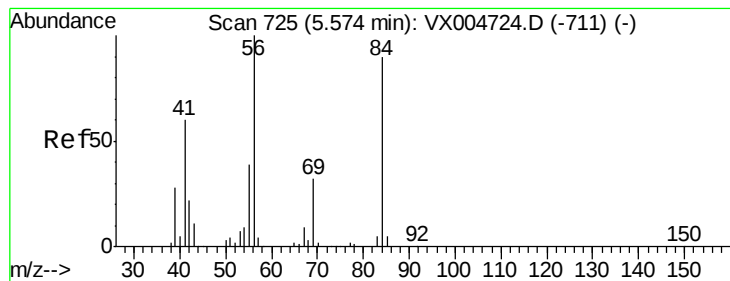
Tot Ion: 42 Resp: 462203
Ion Ratio Lower Upper
42 100
72 40.8 37.4 56.0
71 39.5 34.5 51.7



#30
Chloroform
Concen: 51.160 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion: 83 Resp: 254765
Ion Ratio Lower Upper
83 100
85 65.4 52.6 79.0





#31

Cyclohexane

Concen: 139.837 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

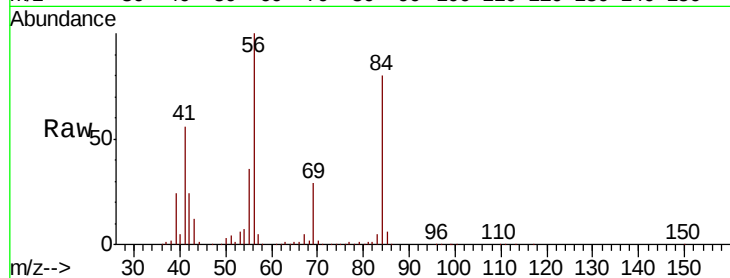
Tot Ion: 56 Resp: 563928

Ion Ratio Lower Upper

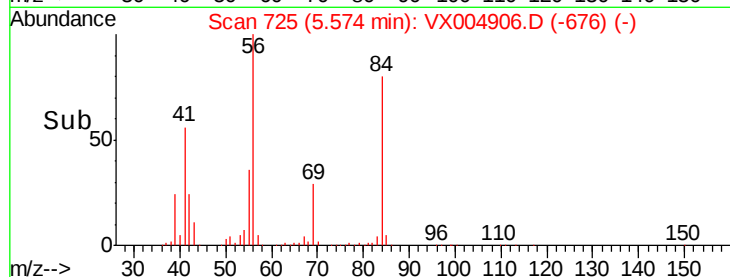
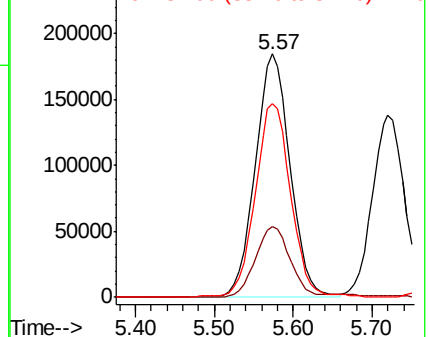
56 100

69 28.9 25.4 38.2

84 79.4 71.4 107.2



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: 52.917 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

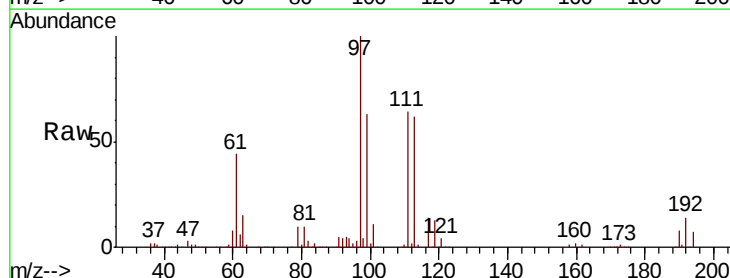
Tgt Ion: 97 Resp: 215203

Ion Ratio Lower Upper

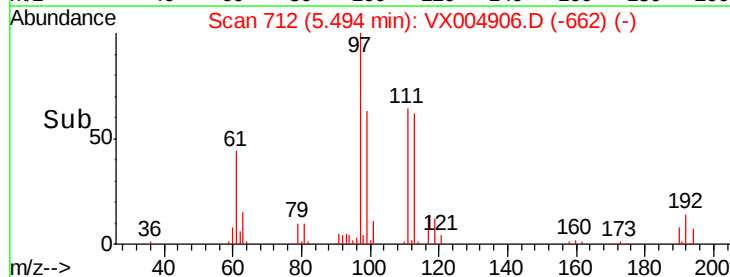
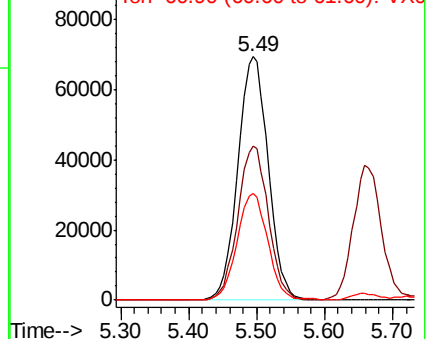
97 100

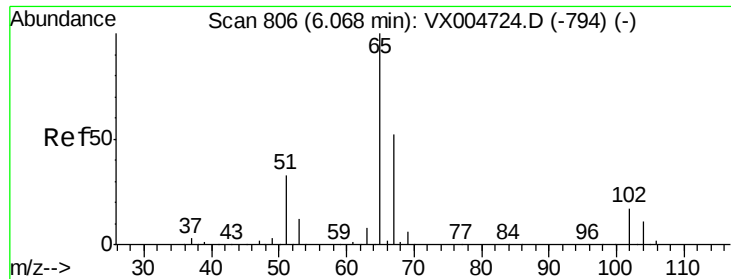
99 63.6 52.0 78.0

61 44.4 34.9 52.3



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

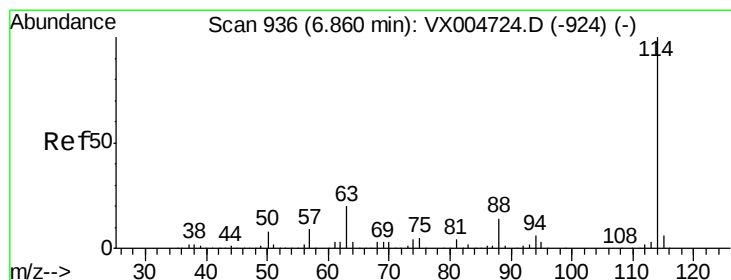
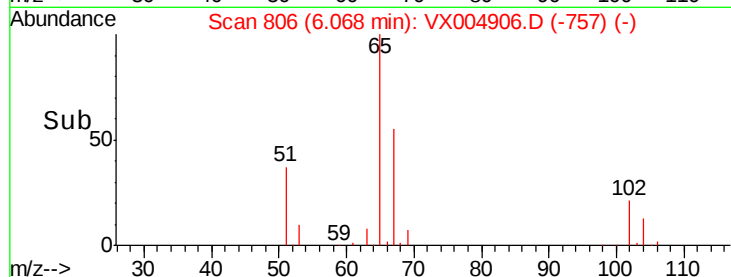
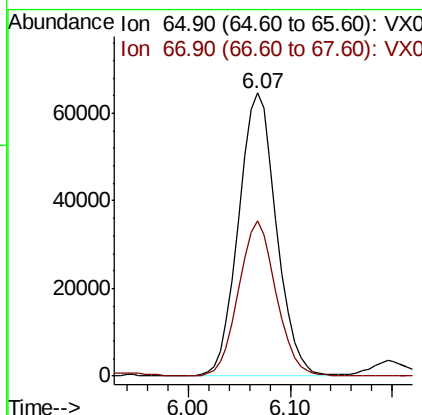
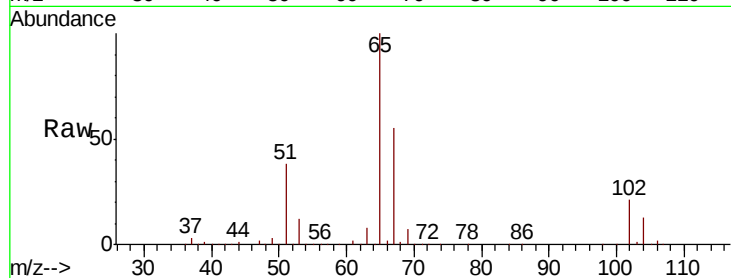




#33
 1,2-Dichloroethane-d4
 Concen: 52.579 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

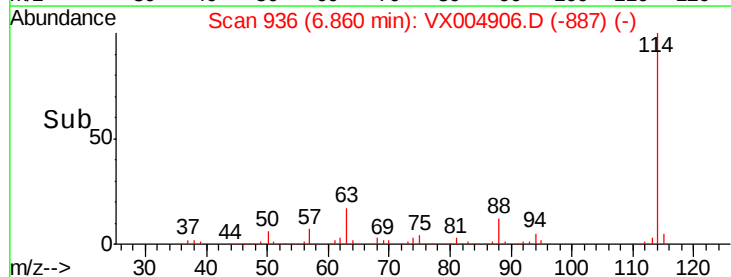
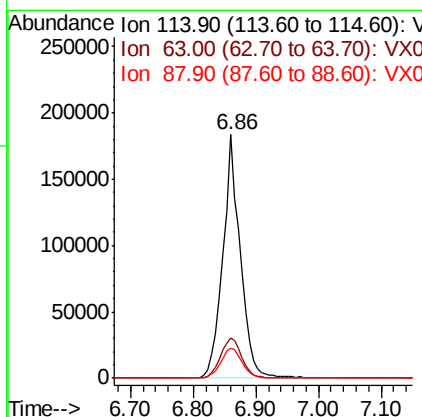
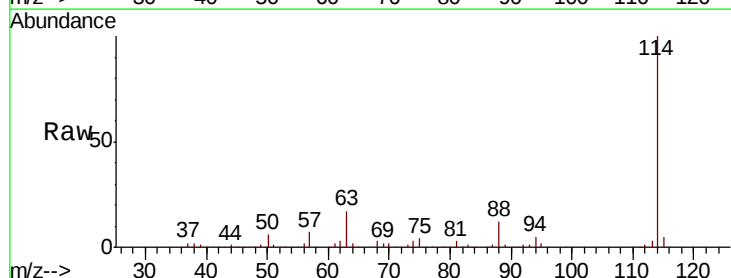
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MS

Tot Ion: 65 Resp: 166650
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

Tgt Ion: 114 Resp: 355143
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 39.0
 88 12.2 0.0 30.4

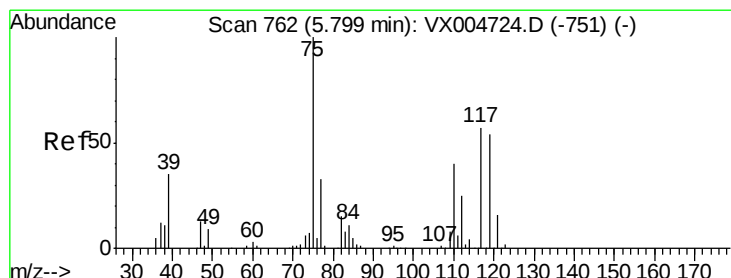
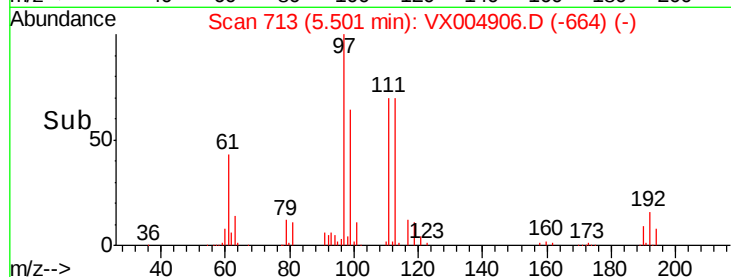
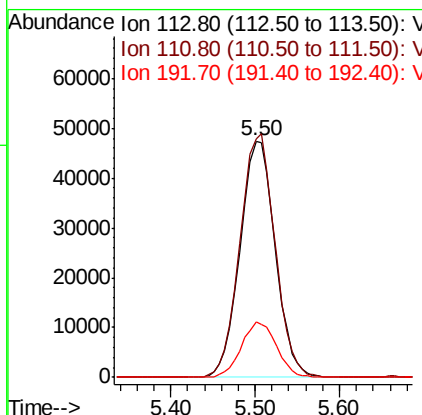
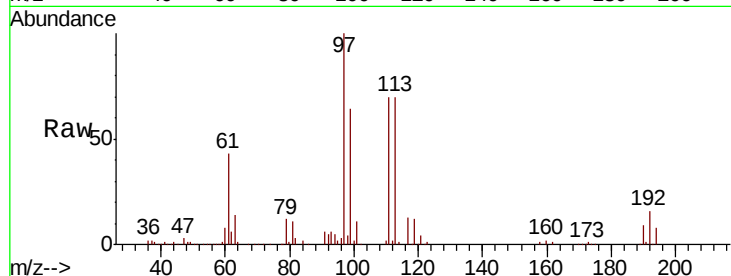




#35
 Dibromofluoromethane
 Concen: 44.548 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

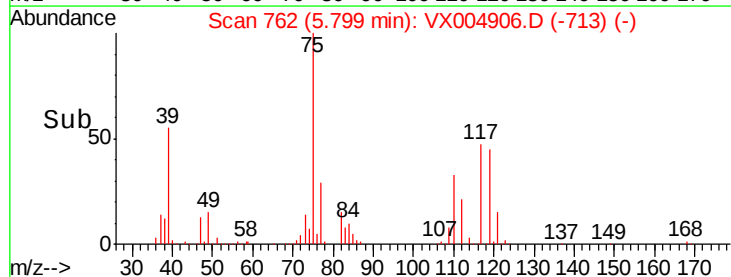
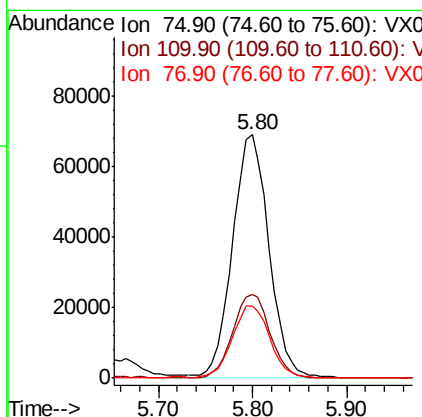
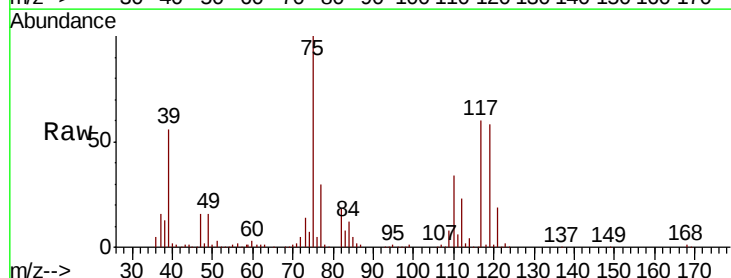
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MS

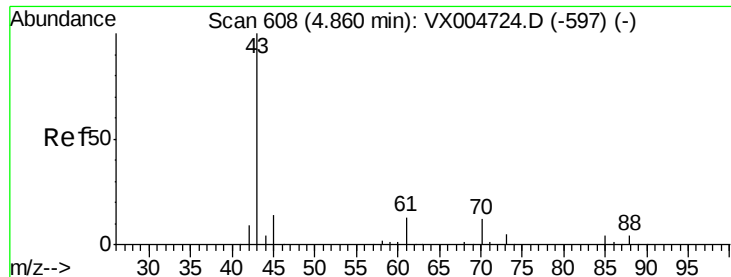
Tot Ion:113 Resp: 134085
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 23.4 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 45.123 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

Tgt Ion: 75 Resp: 185302
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.0 54.0
 77 30.5 24.6 36.8





#37

Ethyl Acetate

Concen: 45.119 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

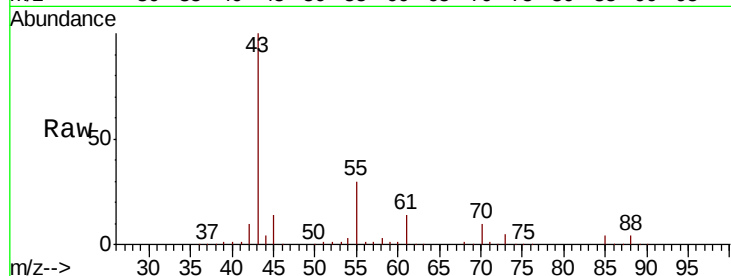
Tot Ion: 43 Resp: 245947

Ion Ratio Lower Upper

43 100

61 14.1 11.5 17.3

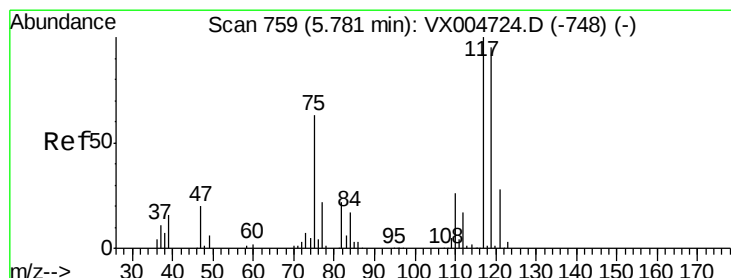
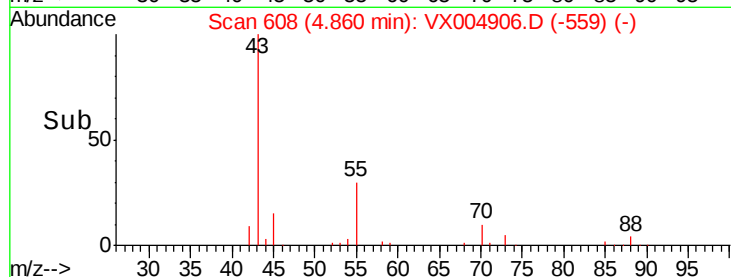
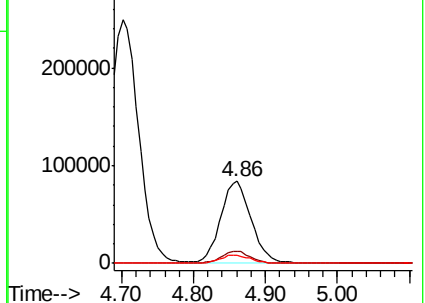
70 10.1 9.0 13.6



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: 42.751 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

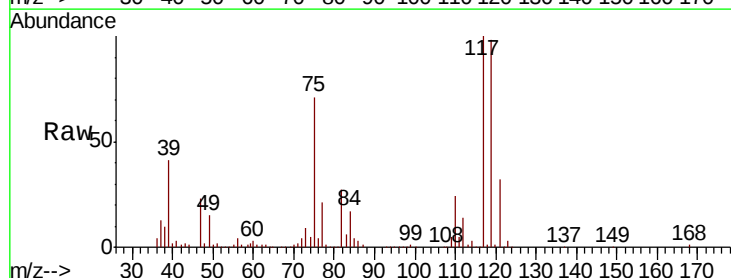
Tgt Ion: 117 Resp: 184547

Ion Ratio Lower Upper

117 100

119 97.9 78.8 118.2

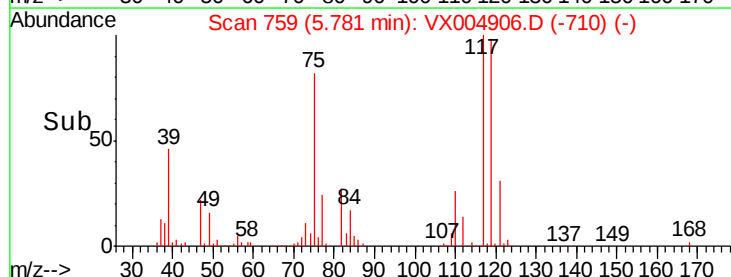
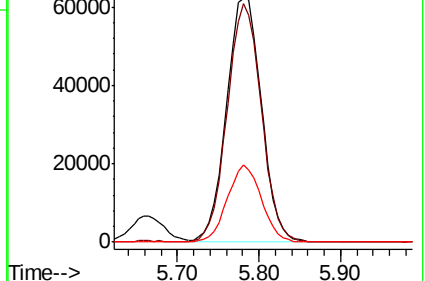
121 31.7 24.9 37.3

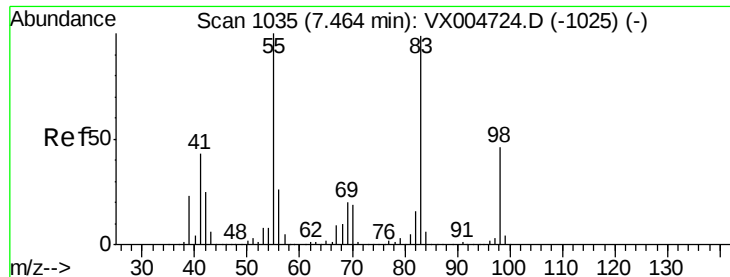


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

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

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

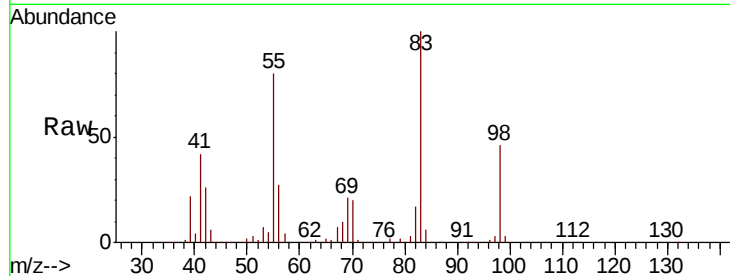




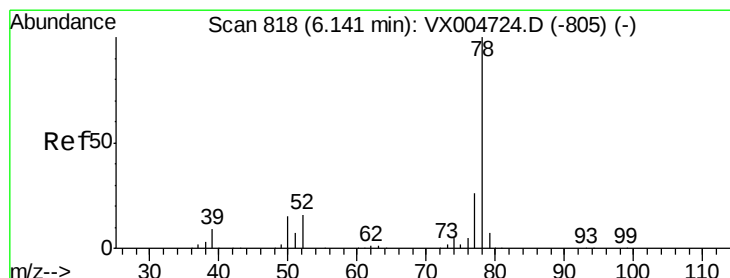
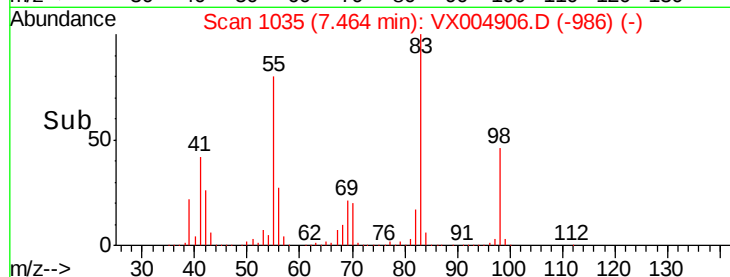
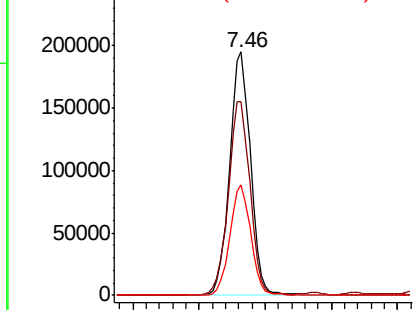
#39
Methvlcvclohexane
Concen: 101.866 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

Tot Ion: 83 Resp: 427154
Ion Ratio Lower Upper
83 100
55 79.8 61.0 91.4
98 45.6 39.6 59.4

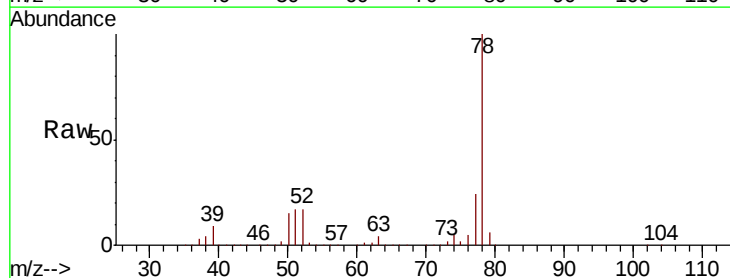


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

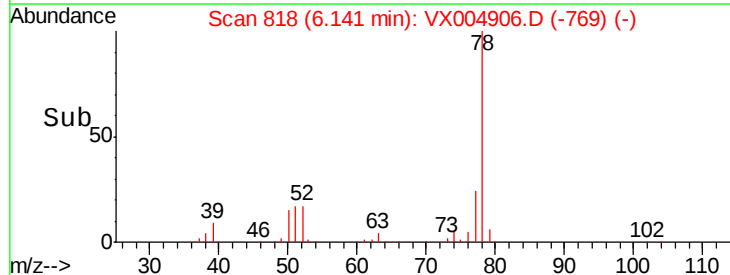
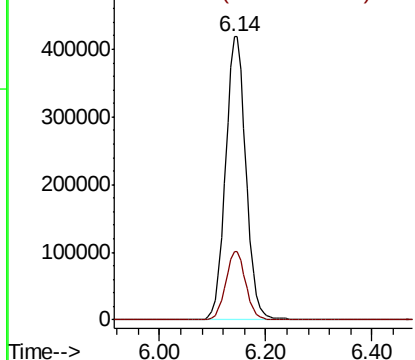


#40
Benzene
Concen: 87.372 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion: 78 Resp: 1123296
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



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

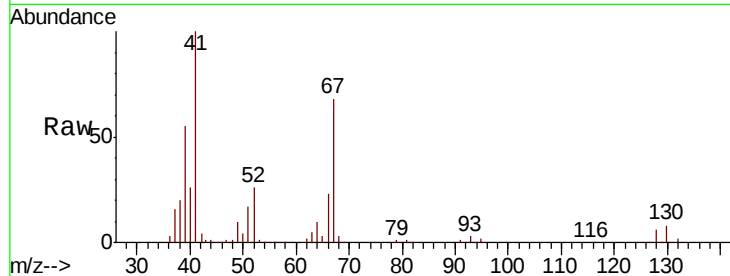




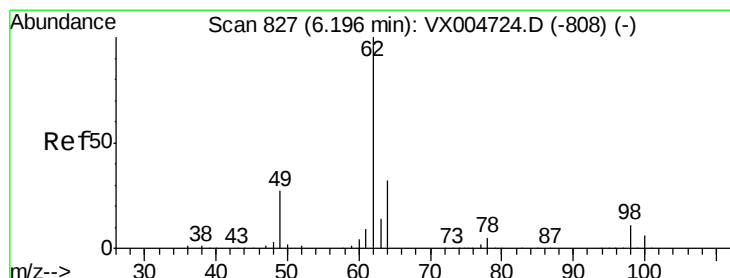
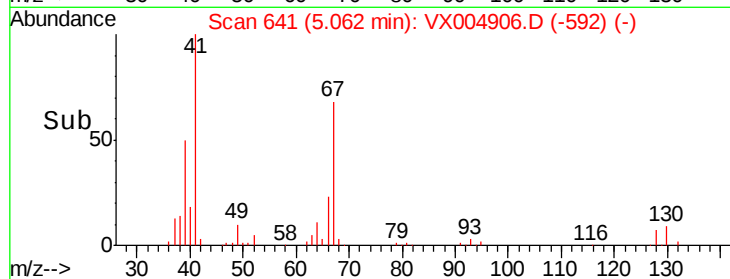
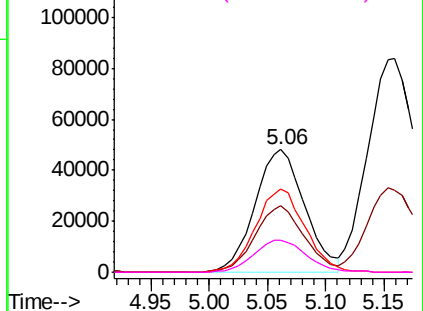
#41
Methacrylonitrile
Concen: 47.275 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

Tot Ion:	41	Resp:	142914
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.4	63.6
67	67.6	59.2	88.8
52	27.2	23.0	34.4

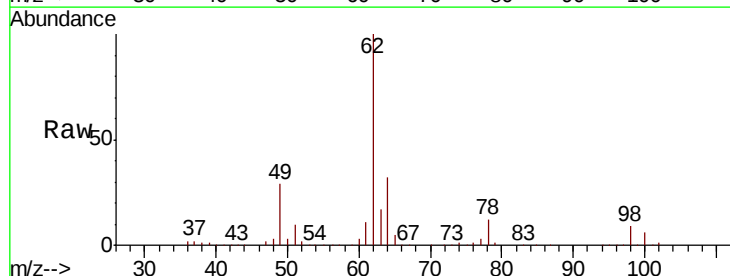


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

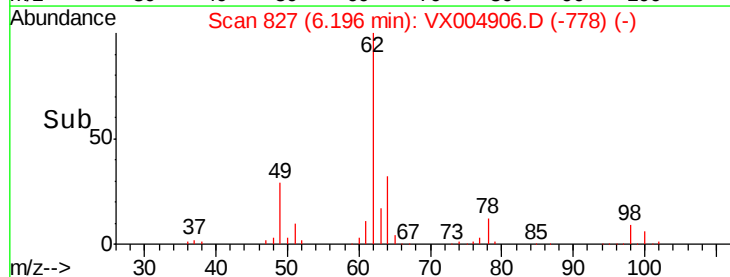
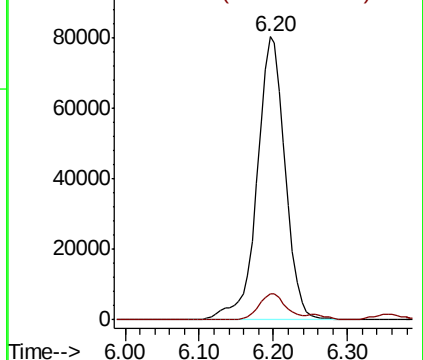


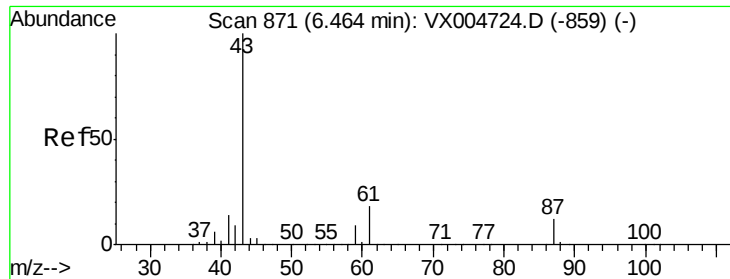
#42
1,2-Dichloroethane
Concen: 46.480 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion:	62	Resp:	211247
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 49.414 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

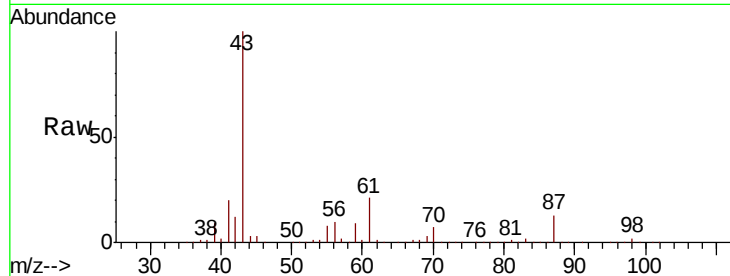
Tot Ion: 43 Resp: 388783

Ion Ratio Lower Upper

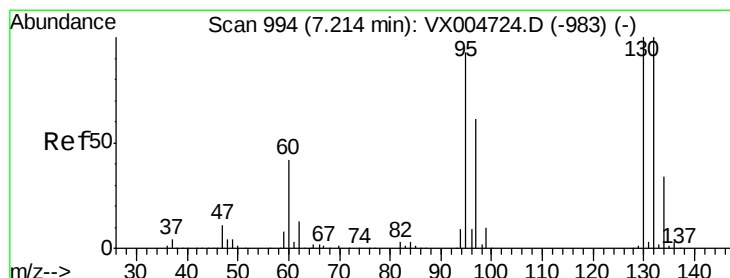
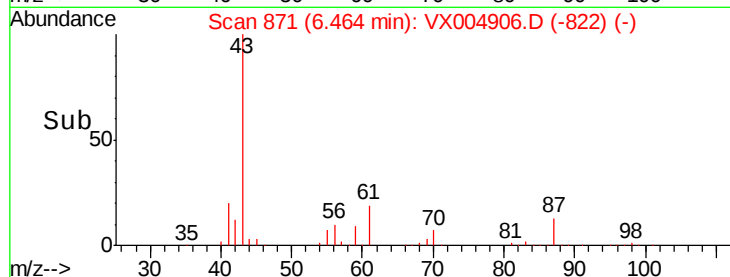
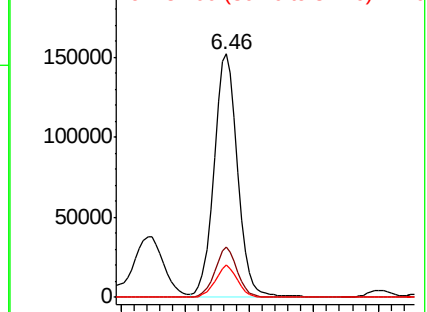
43 100

61 19.6 17.0 25.4

87 12.5 11.4 17.2



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: 47.836 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004906.D

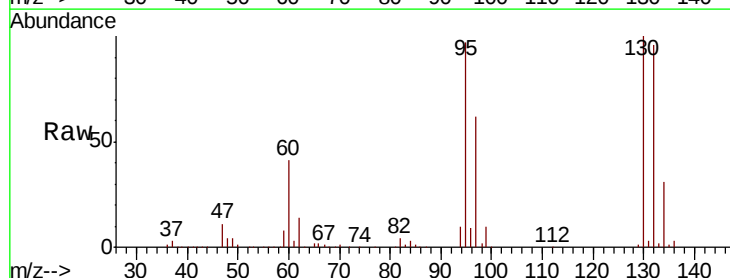
Acq: 02 Oct 2018 07:58

Tgt Ion:130 Resp: 151187

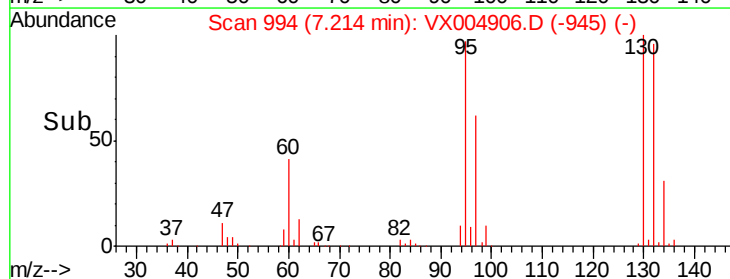
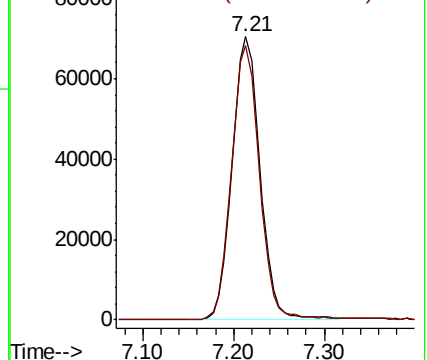
Ion Ratio Lower Upper

130 100

95 96.9 0.0 181.6



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

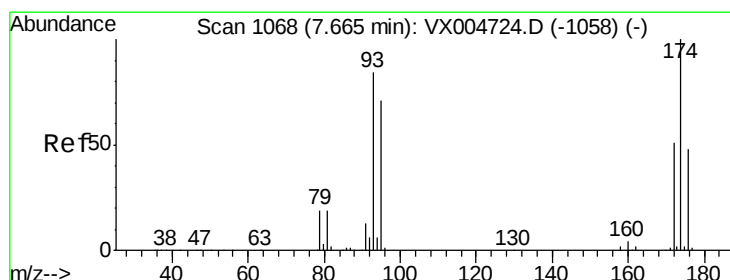
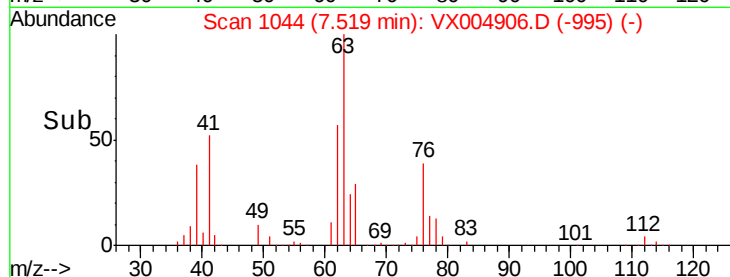
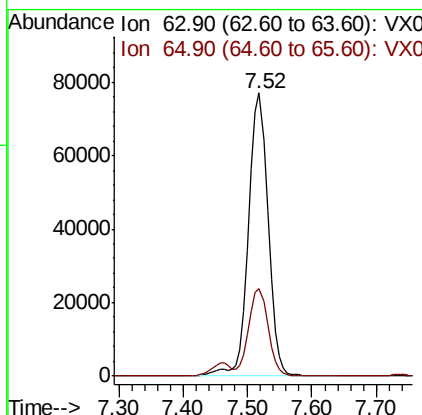
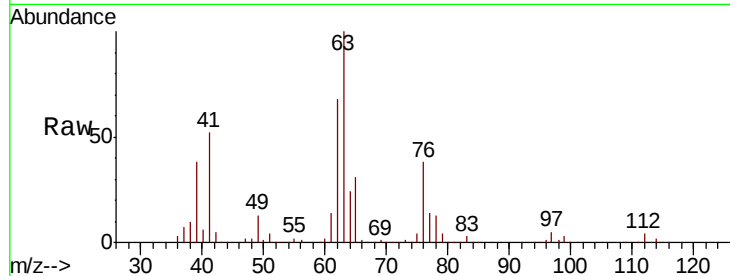




#45
 1,2-Dichloropropane
 Concen: 50.759 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

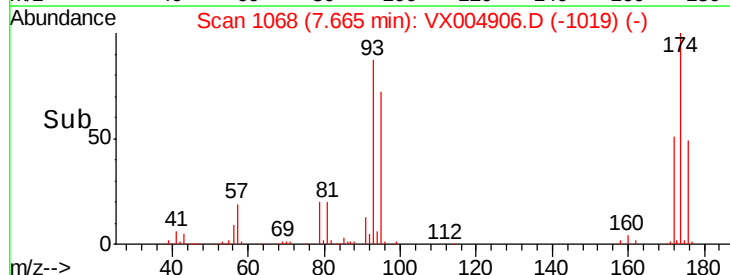
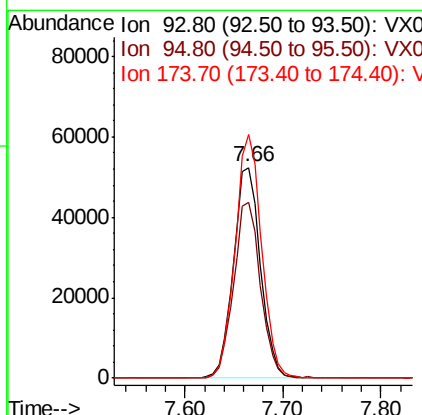
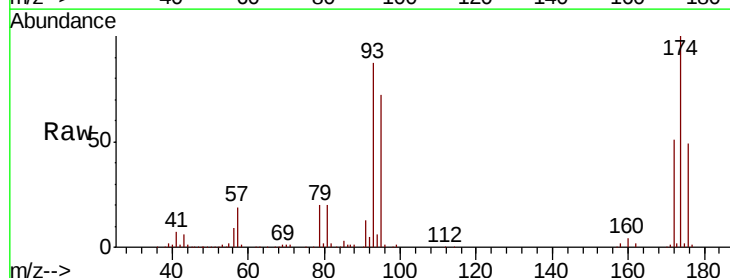
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MS

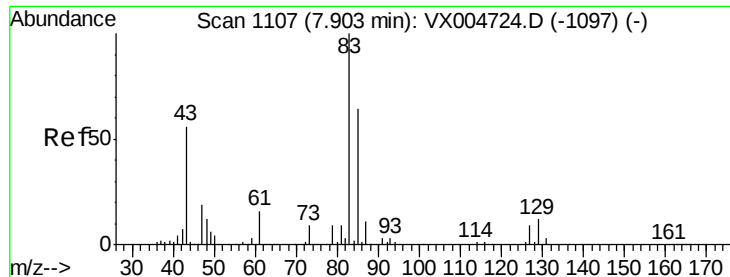
Tot Ion: 63 Resp: 160033
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 50.751 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

Tgt Ion: 93 Resp: 100560
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 113.5 94.2 141.4





#47

Bromodichloromethane

Concen: 51.175 ug/l

RT: 7.90 min Scan# 1107

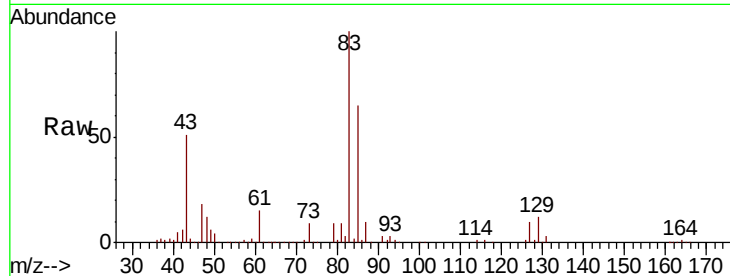
Delta R.T. -0.00 min

Lab File: VX004906.D

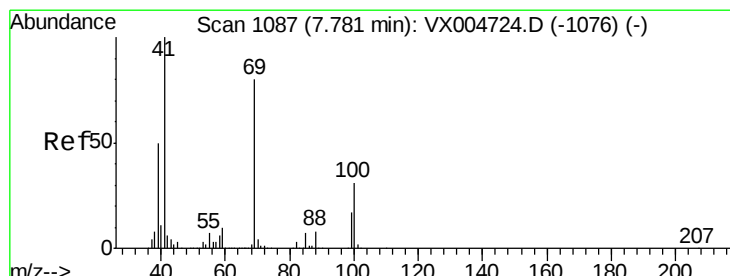
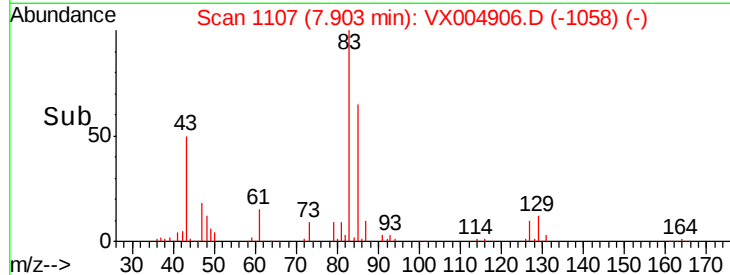
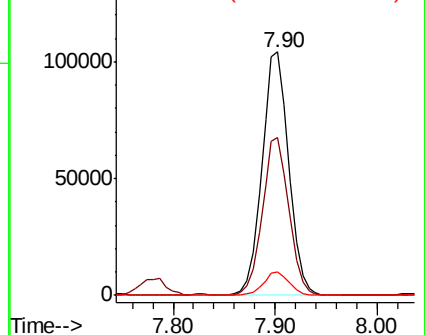
Acq: 02 Oct 2018 07:58

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

Tot Ion:	83	Resp:	189847
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.9	76.3
127	9.6	7.3	10.9



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



#48

Methyl methacrylate

Concen: 58.377 ug/l

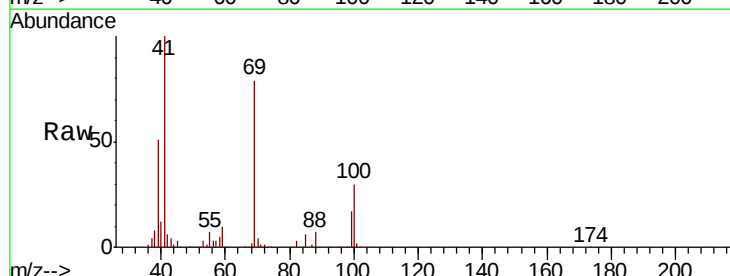
RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

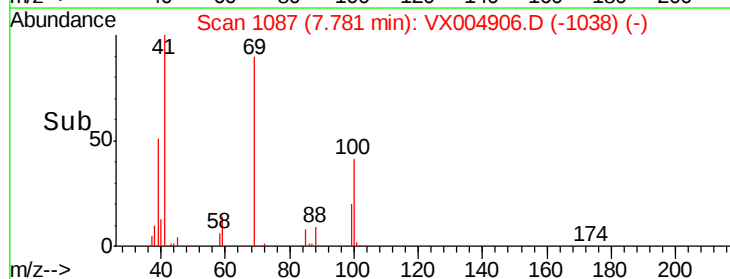
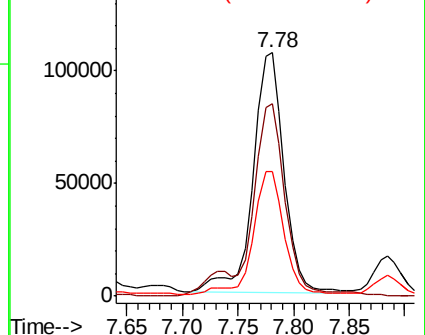
Lab File: VX004906.D

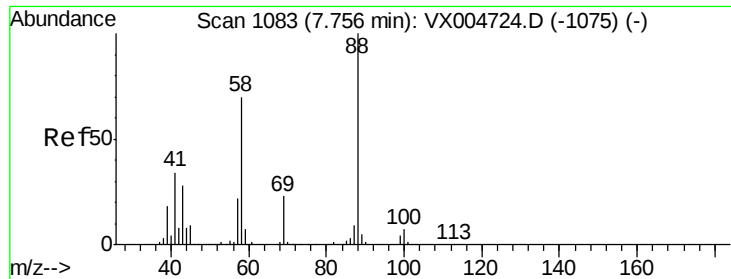
Acq: 02 Oct 2018 07:58

Tgt Ion:	41	Resp:	208472
Ion	Ratio	Lower	Upper
41	100		
69	79.2	70.2	105.4
39	51.7	42.7	64.1



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: 997.069 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

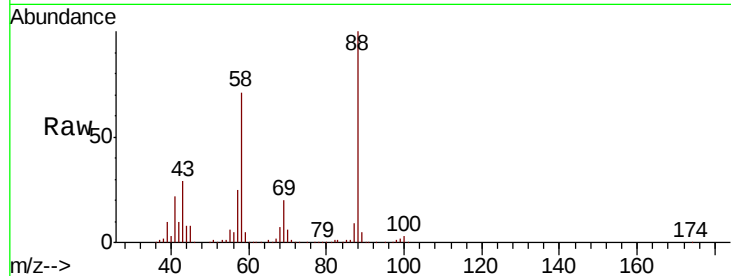
Tot Ion: 88 Resp: 88460

Ion Ratio Lower Upper

88 100

43 32.6 24.7 37.1

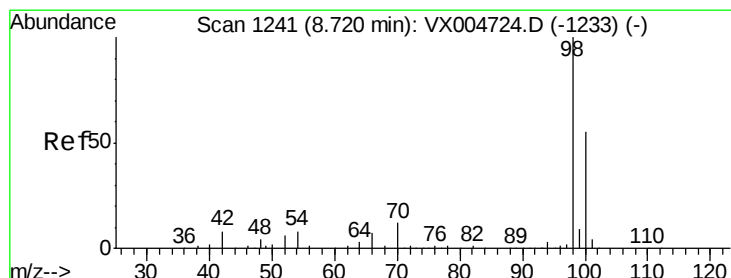
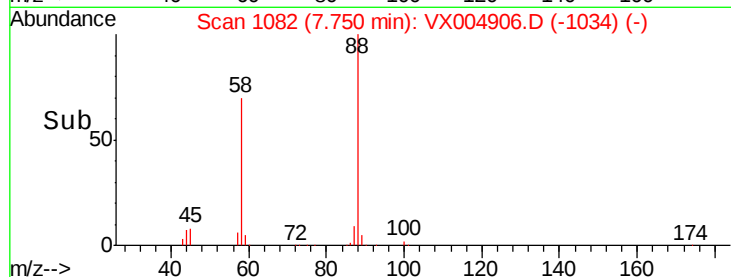
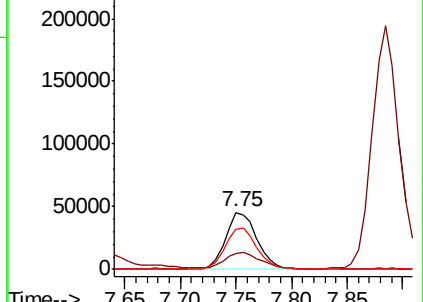
58 72.8 55.3 82.9



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: 50.131 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004906.D

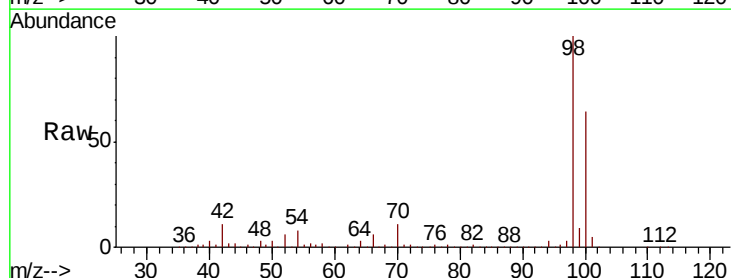
Acq: 02 Oct 2018 07:58

Tgt Ion: 98 Resp: 501631

Ion Ratio Lower Upper

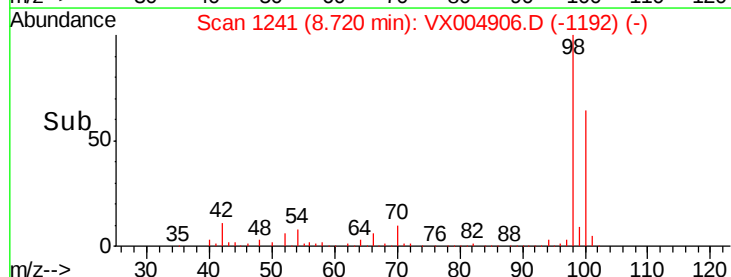
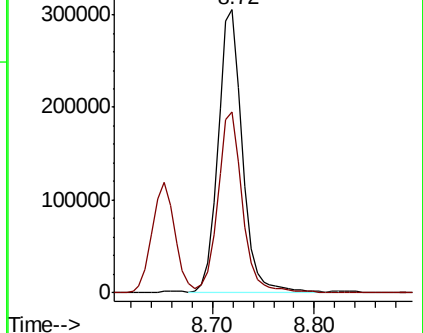
98 100

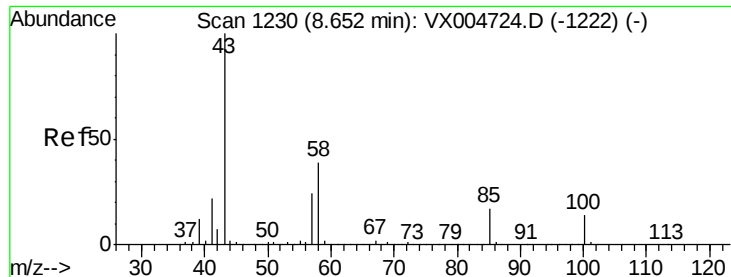
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 273.664 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

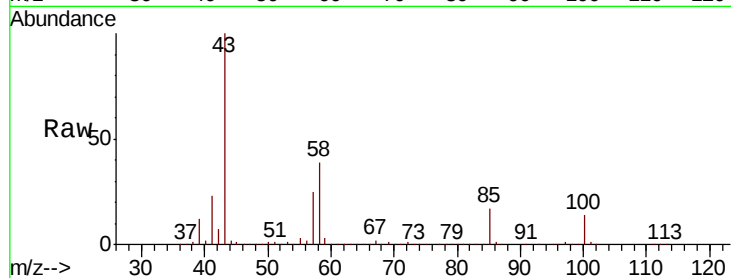
FA18-JMW-3202MS

Tot Ion: 43 Resp: 1355721

Ion Ratio Lower Upper

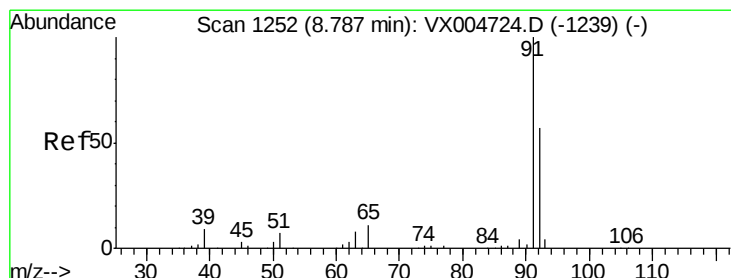
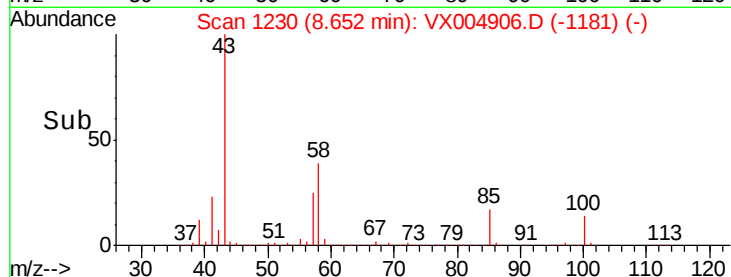
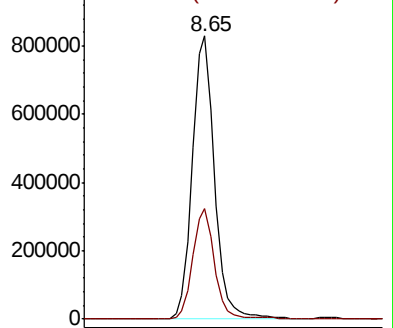
43 100

58 38.6 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 75.304 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004906.D

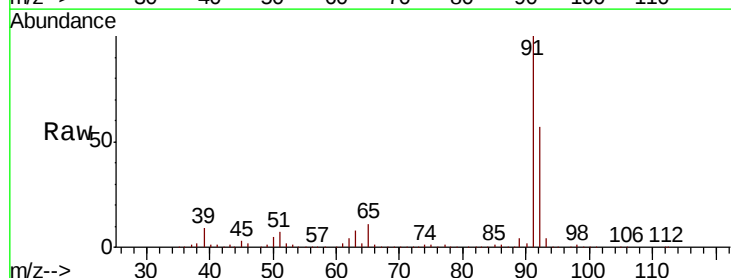
Acq: 02 Oct 2018 07:58

Tgt Ion: 92 Resp: 531978

Ion Ratio Lower Upper

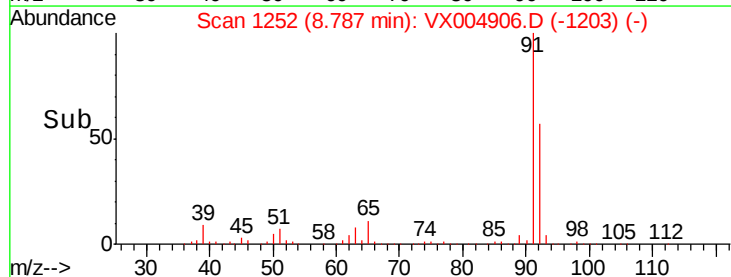
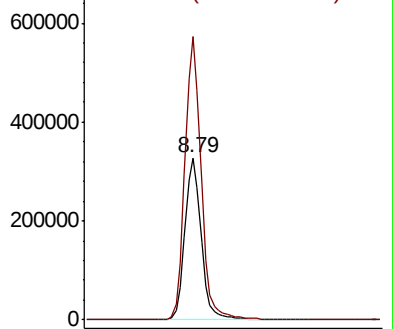
92 100

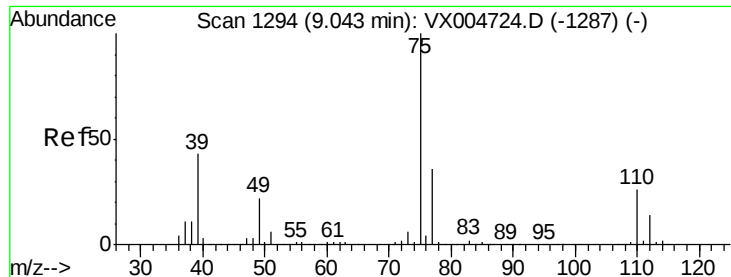
91 174.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.424 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

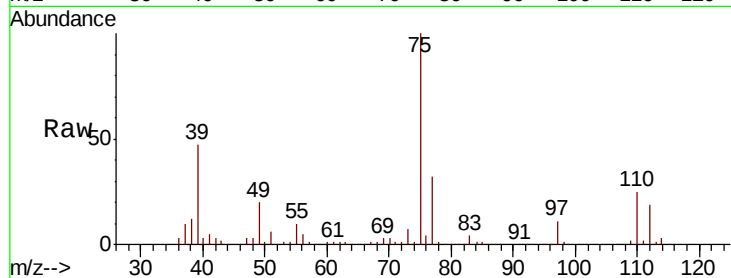
FA18-JMW-3202MS

Tot Ion: 75 Resp: 203003

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

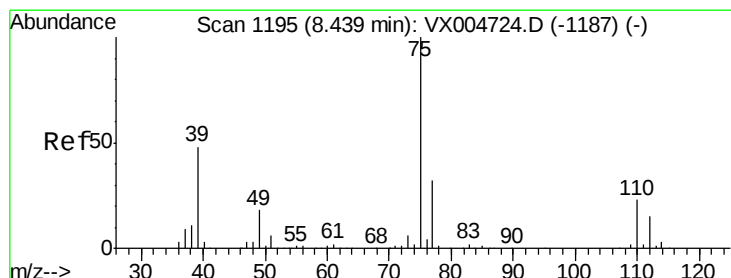
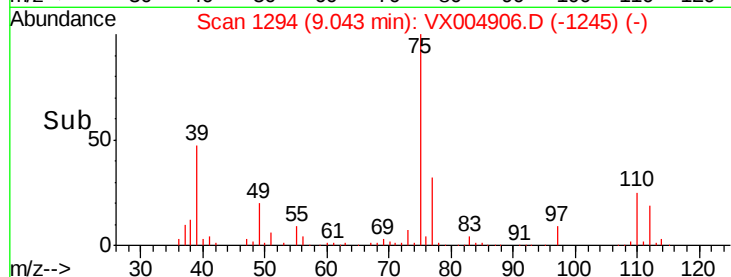
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.694 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

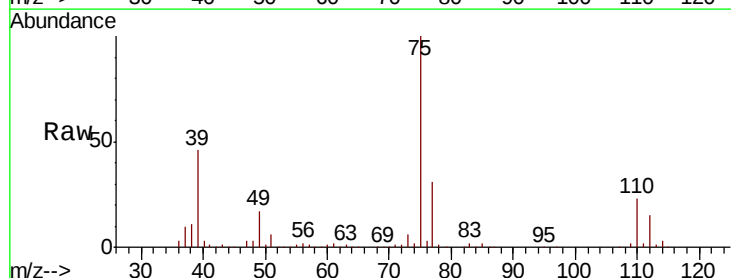
Tgt Ion: 75 Resp: 218204

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

39 45.7 36.4 54.6



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

8.44

150000

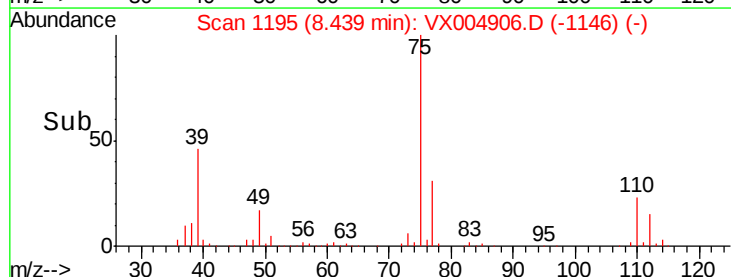
100000

50000

0

8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 47.963 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

Tot Ion: 97 Resp: 148420

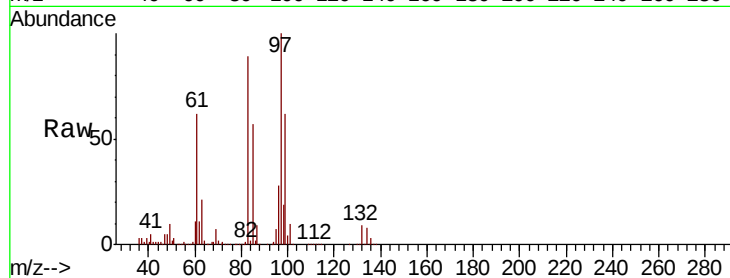
Ion Ratio Lower Upper

97 100

83 88.8 66.4 99.6

85 56.5 43.3 64.9

99 62.1 49.0 73.4

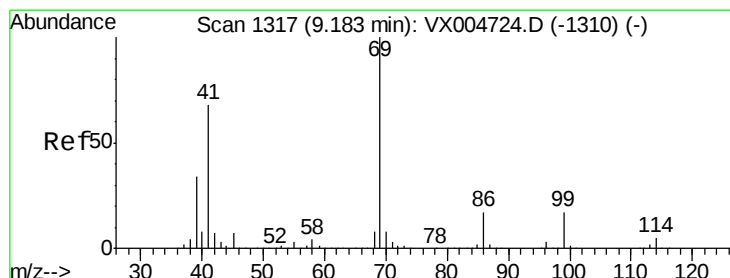
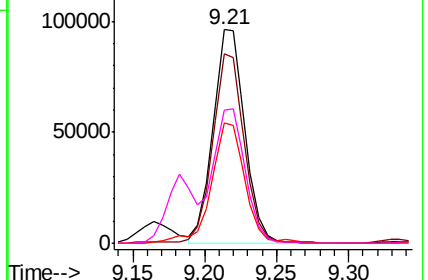
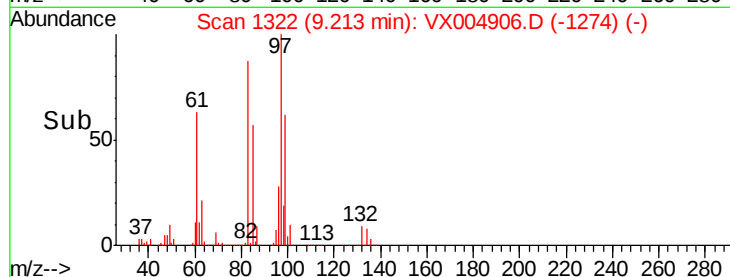


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.238 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

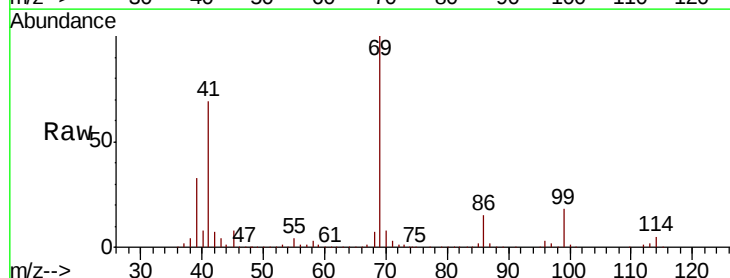
Tgt Ion: 69 Resp: 247013

Ion Ratio Lower Upper

69 100

41 71.4 51.0 76.4

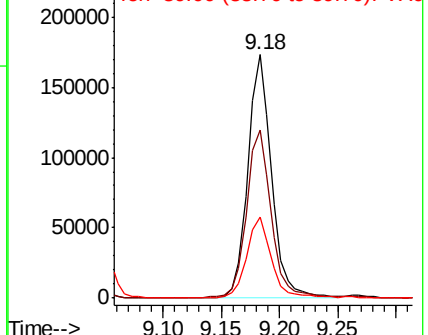
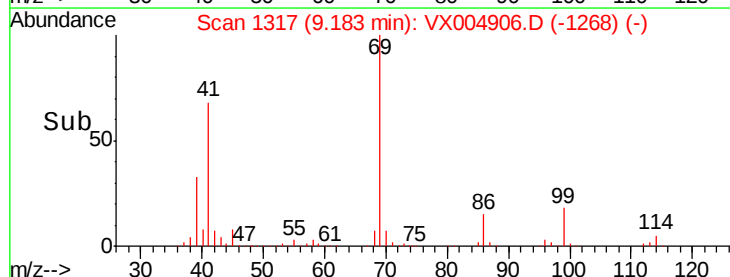
39 34.4 26.1 39.1

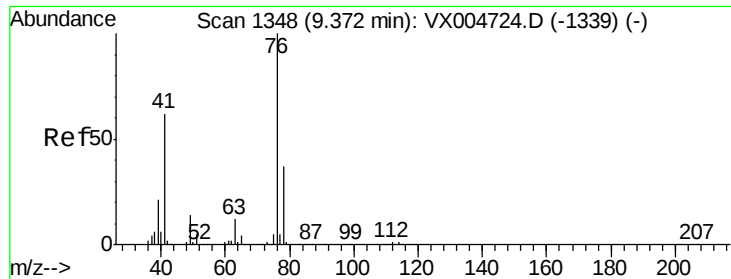


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

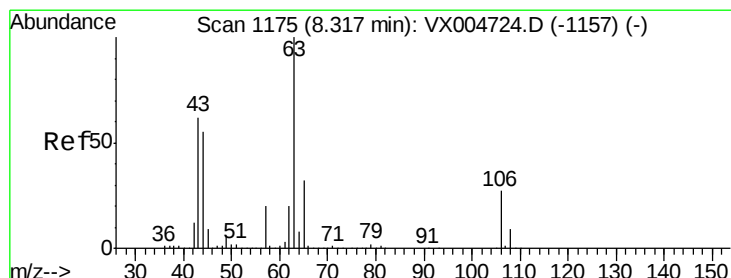
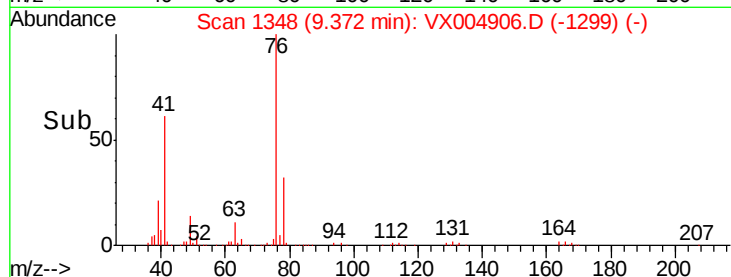
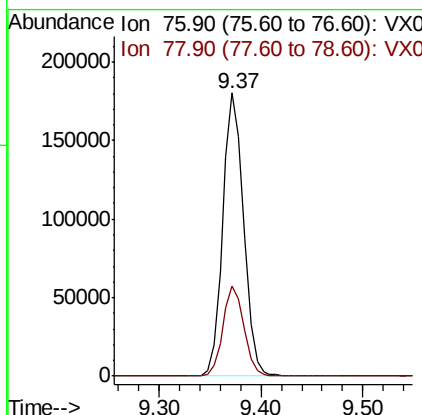
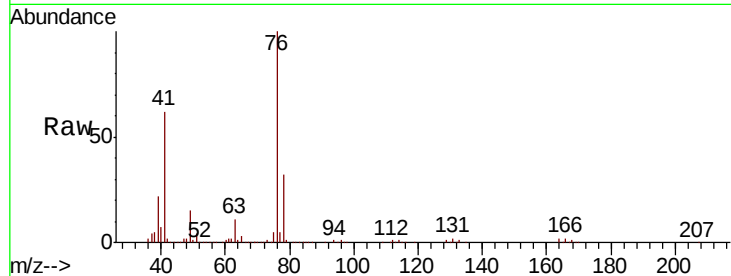




#57
 1,3-Dichloropropane
 Concen: 49.727 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

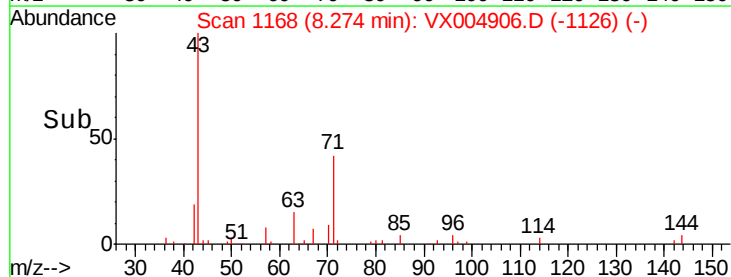
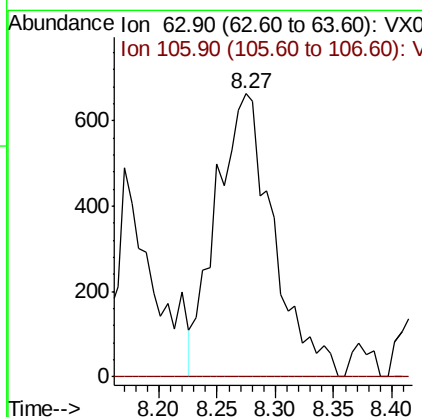
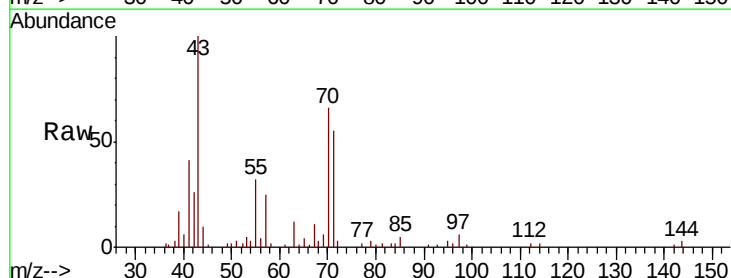
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MS

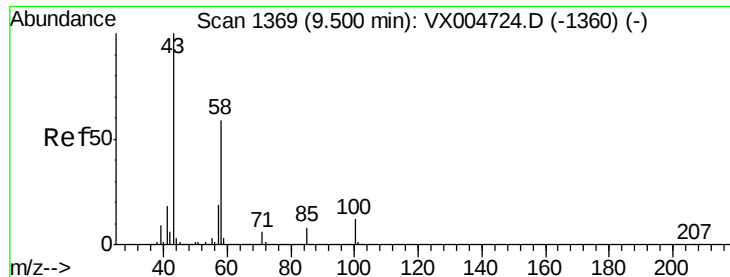
Tot Ion: 76 Resp: 256106
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 15.039 ug/l
 RT: 8.27 min Scan# 1168
 Delta R.T. -0.04 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

Tgt Ion: 63 Resp: 2252
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#

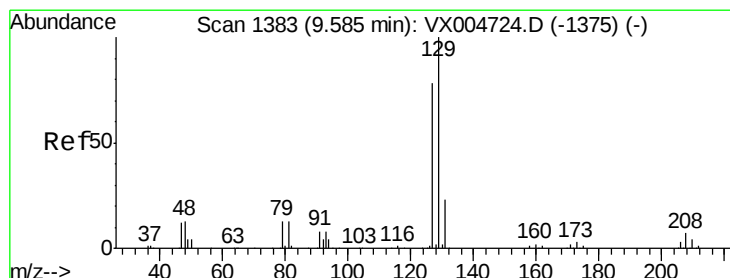
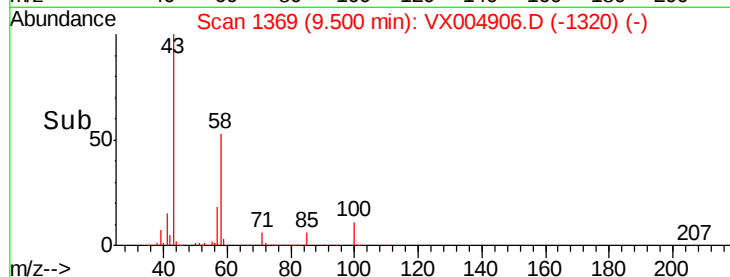
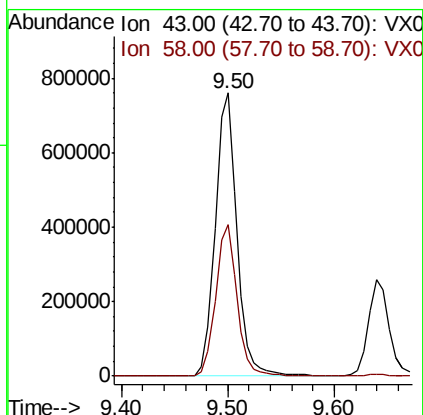
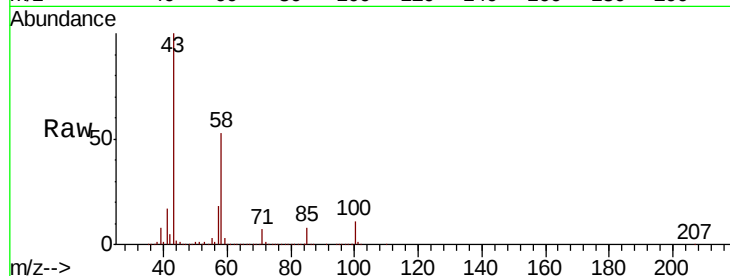




#59
2-Hexanone
Concen: 257.775 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

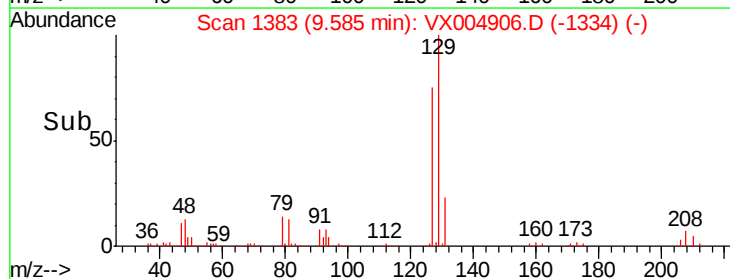
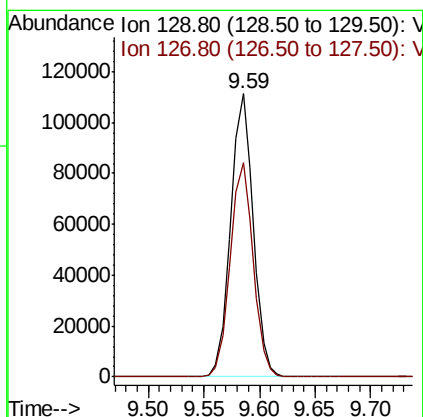
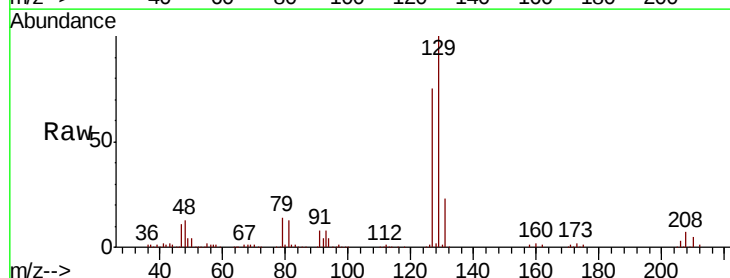
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

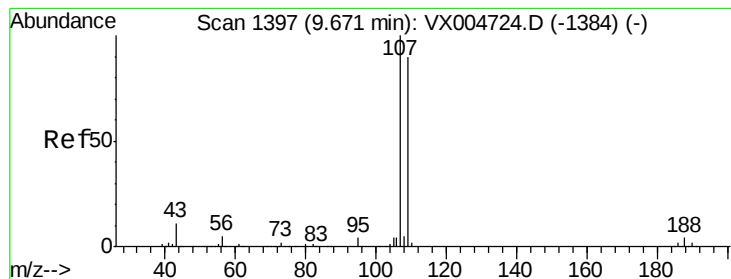
Tot Ion: 43 Resp: 1064154
Ion Ratio Lower Upper
43 100
58 53.4 29.0 87.0



#60
Dibromochloromethane
Concen: 50.535 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion: 129 Resp: 156390
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.155 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

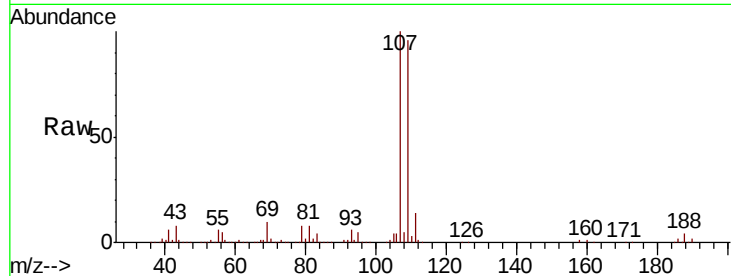
FA18-JMW-3202MS

Tot Ion:107 Resp: 156273

Ion Ratio Lower Upper

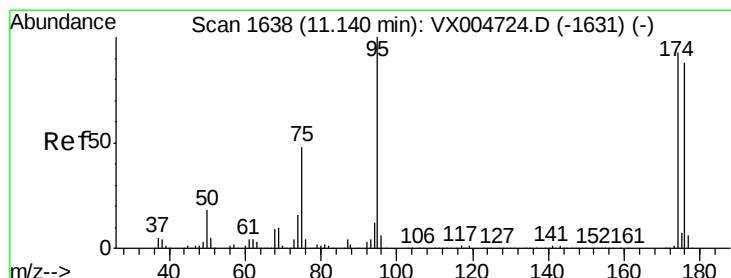
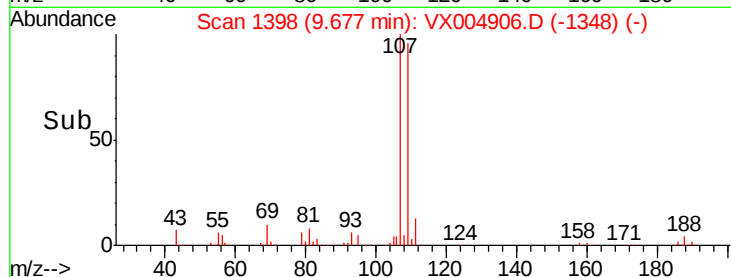
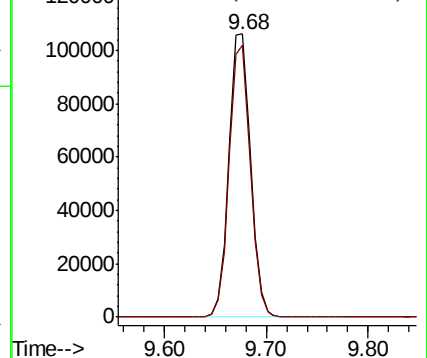
107 100

109 94.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.380 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

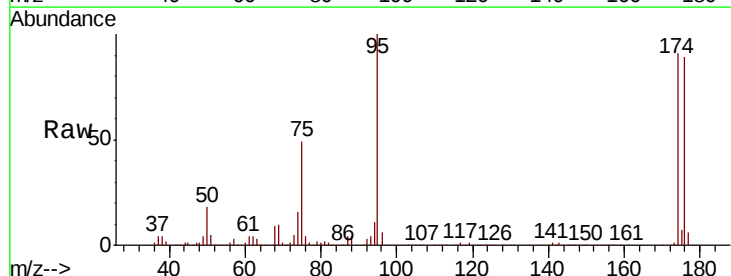
Tgt Ion: 95 Resp: 192427

Ion Ratio Lower Upper

95 100

174 90.2 0.0 185.2

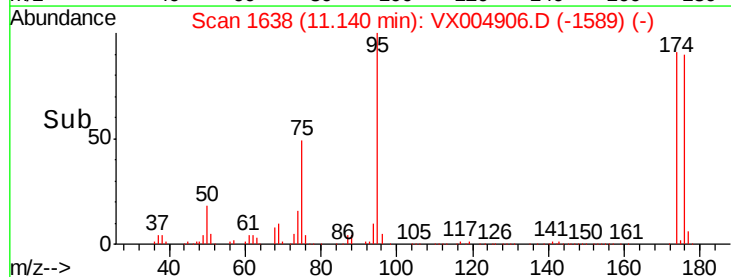
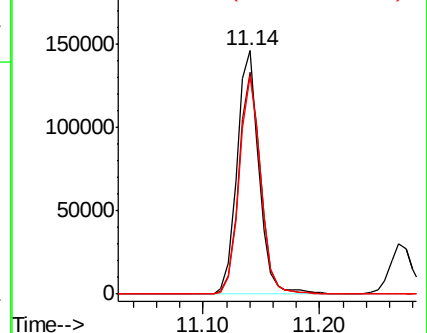
176 87.5 0.0 178.6

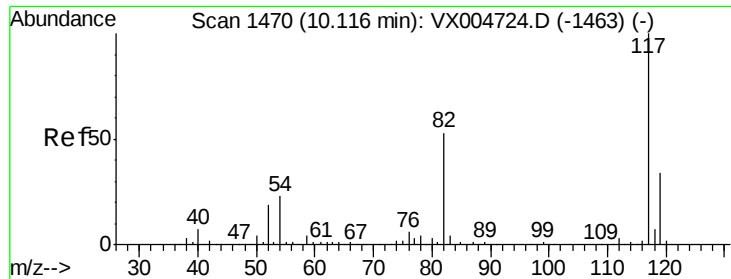


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

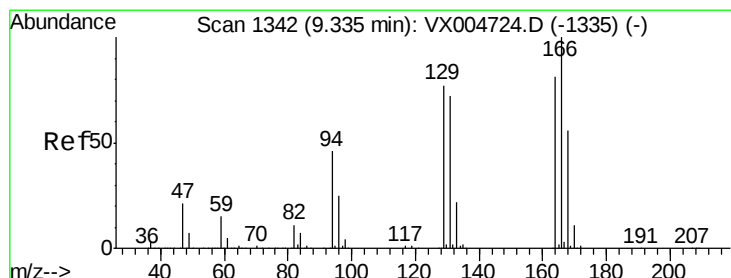
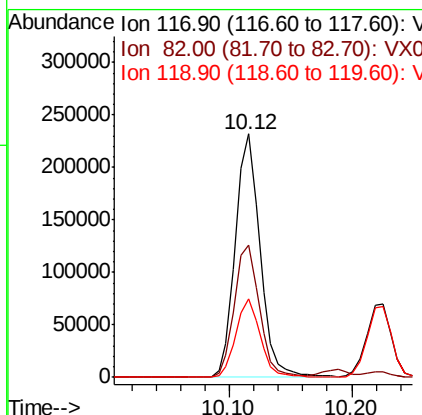
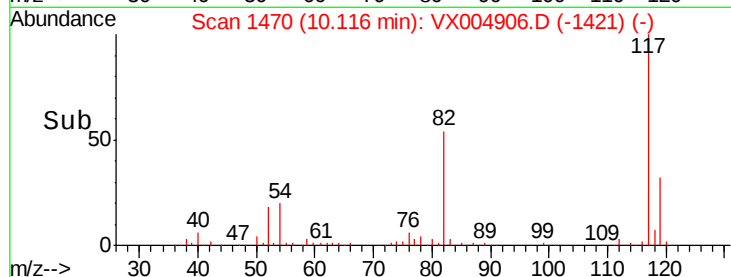
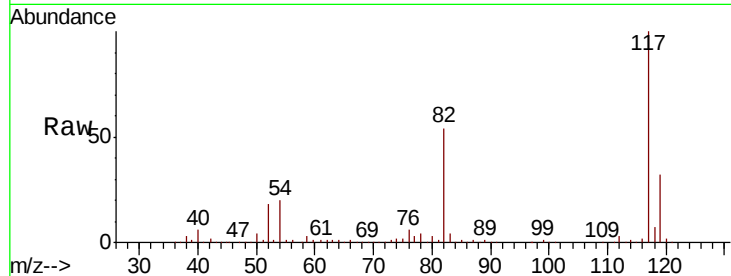




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

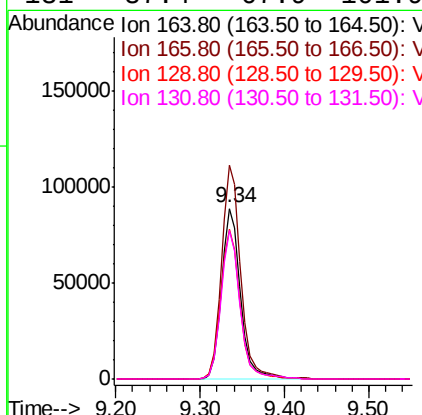
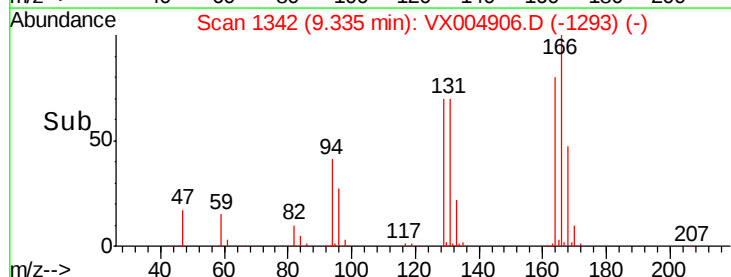
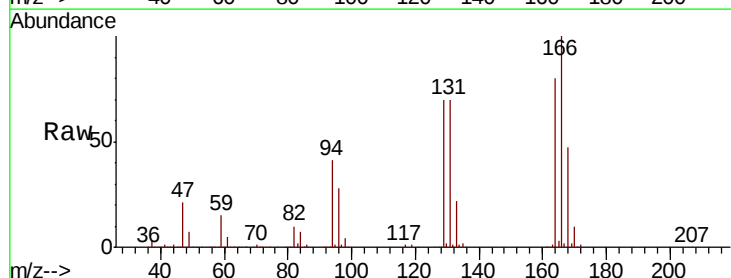
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

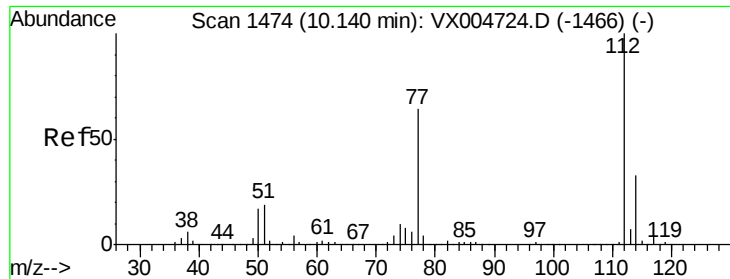
Tot Ion:117 Resp: 324297
Ion Ratio Lower Upper
117 100
82 54.4 47.8 71.6
119 32.2 29.3 43.9



#64
Tetrachloroethene
Concen: 43.155 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion:164 Resp: 137743
Ion Ratio Lower Upper
164 100
166 125.2 102.8 154.2
129 87.8 69.4 104.0
131 87.4 67.9 101.9

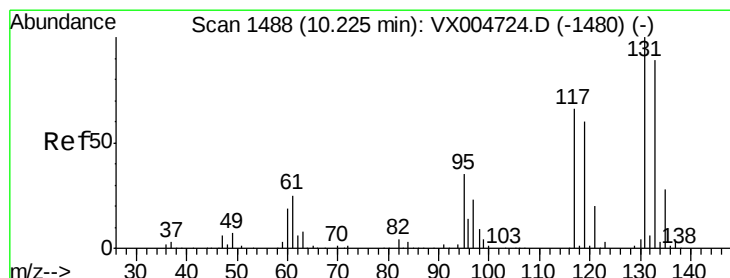
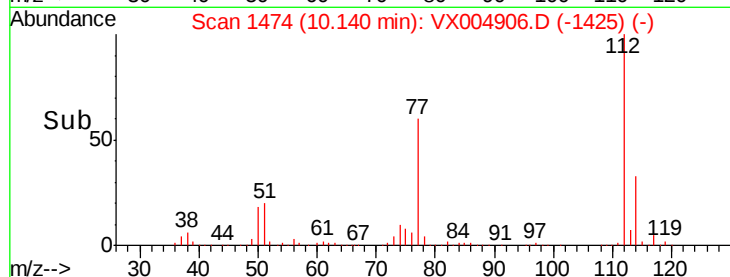
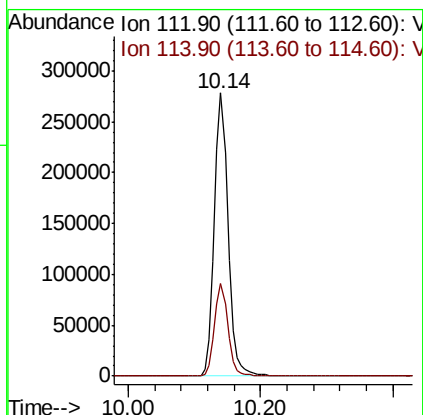
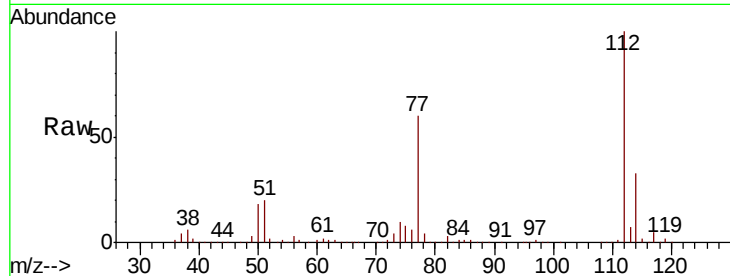




#65
Chlorobenzene
Concen: 47.874 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

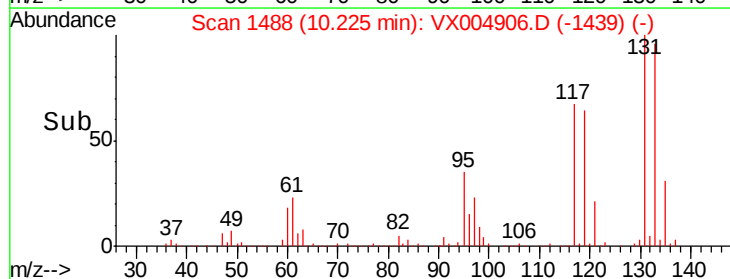
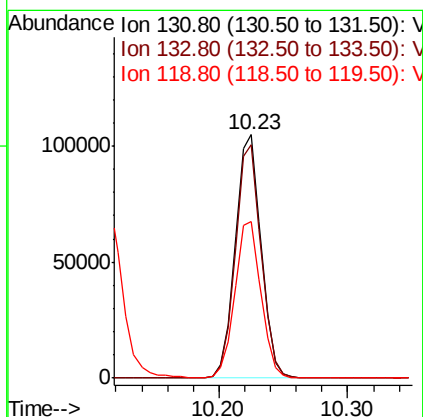
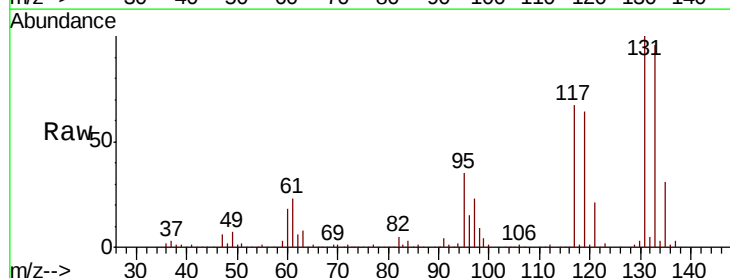
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

Tot Ion:112 Resp: 398119
Ion Ratio Lower Upper
112 100
114 32.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.984 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion:131 Resp: 146129
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 65.2 32.9 98.6





#67

Ethyl Benzene

Concen: 93.924 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

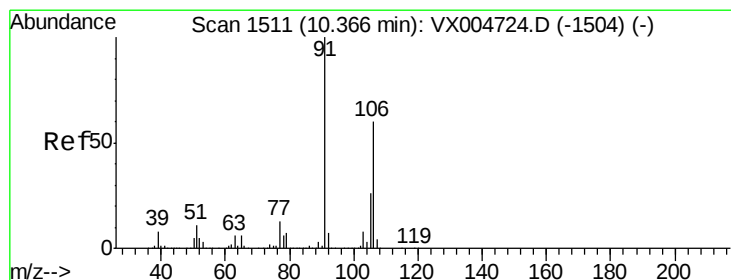
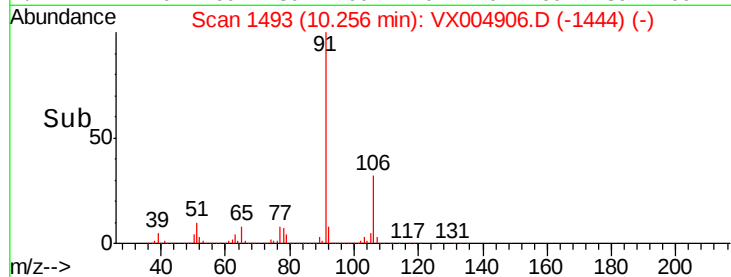
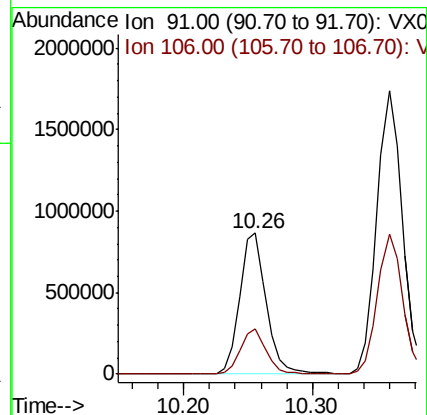
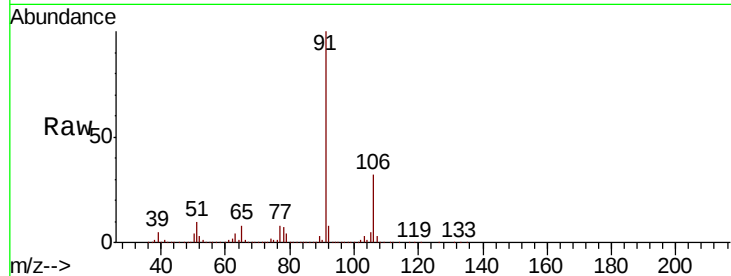
FA18-JMW-3202MS

Tot Ion: 91 Resp: 1240035

Ion Ratio Lower Upper

91 100

106 31.7 25.9 38.9



#68

m/p-Xylenes

Concen: 230.076 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004906.D

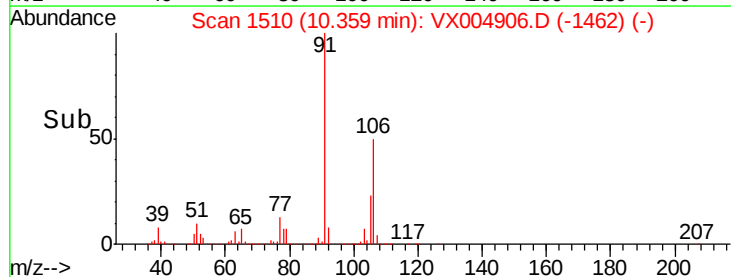
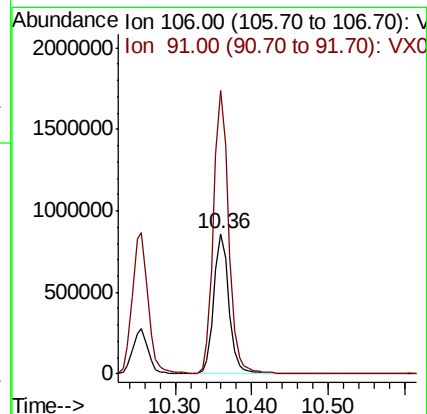
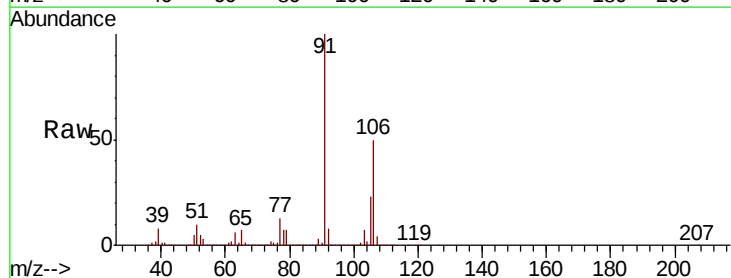
Acq: 02 Oct 2018 07:58

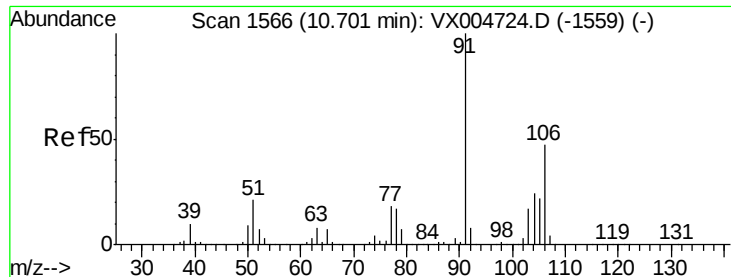
Tgt Ion: 106 Resp: 1187003

Ion Ratio Lower Upper

106 100

91 203.7 157.1 235.7

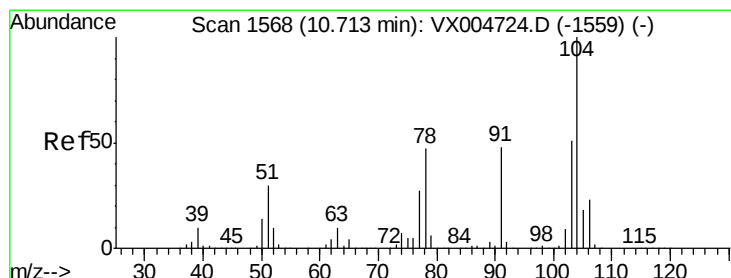
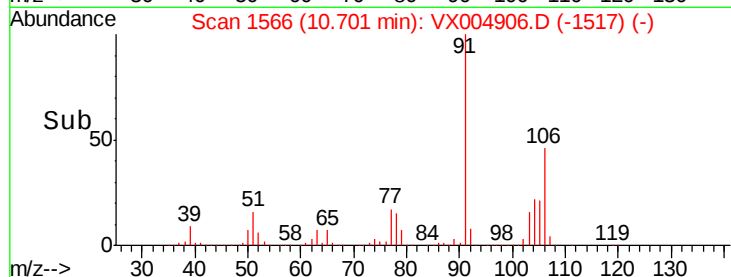
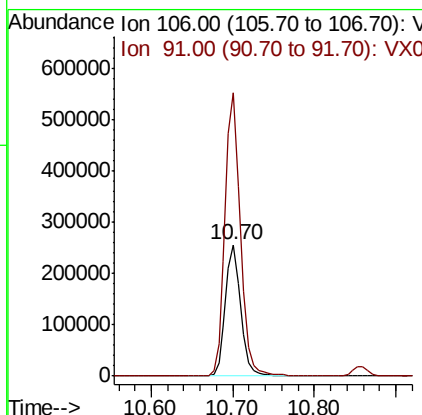
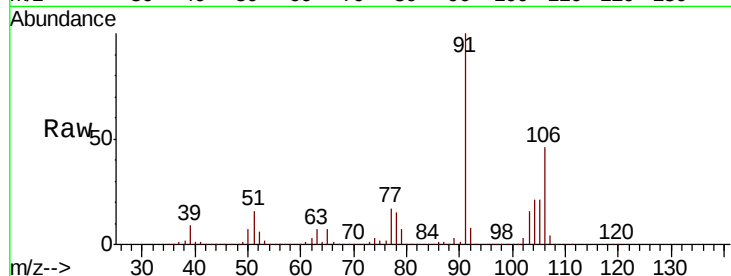




#69
o-Xylene
Concen: 70.578 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

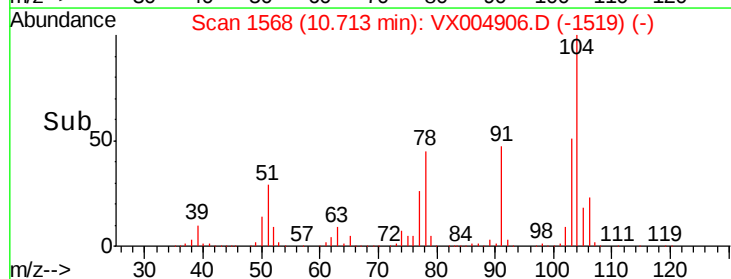
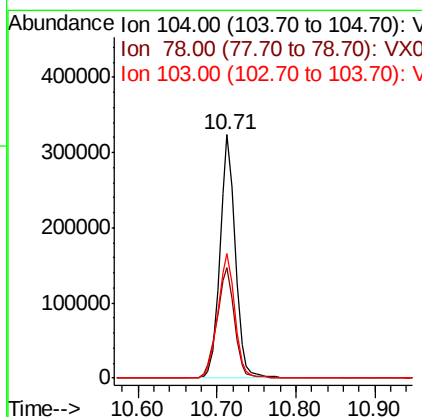
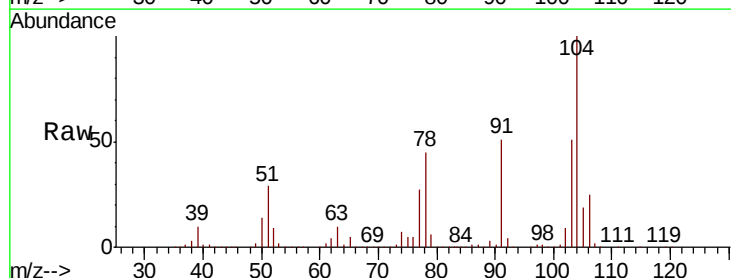
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

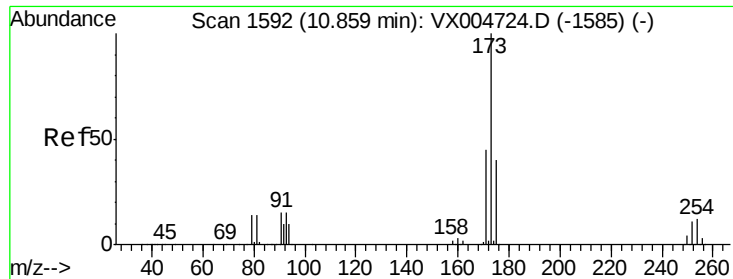
Tot Ion:106 Resp: 334447
Ion Ratio Lower Upper
106 100
91 215.4 105.1 315.1



#70
Styrene
Concen: 49.811 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion:104 Resp: 441383
Ion Ratio Lower Upper
104 100
78 51.9 37.4 56.0
103 57.2 43.8 65.6





#71

Bromoform

Concen: 50.963 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

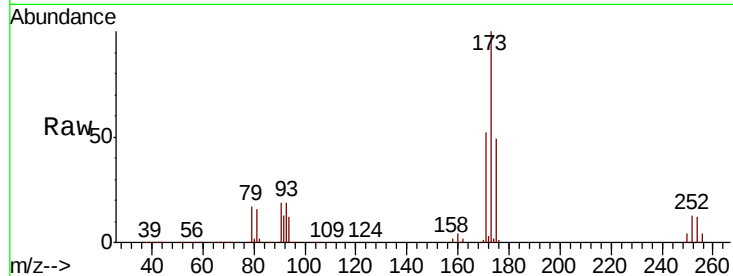
Tot Ion:173 Resp: 127554

Ion Ratio Lower Upper

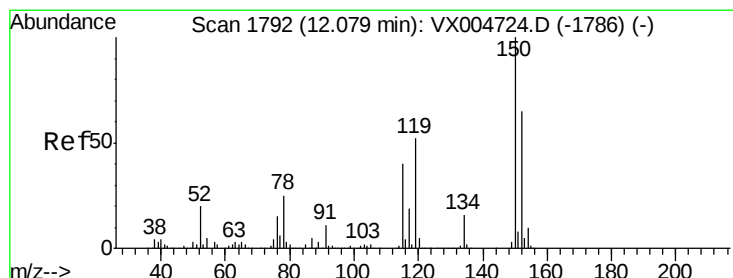
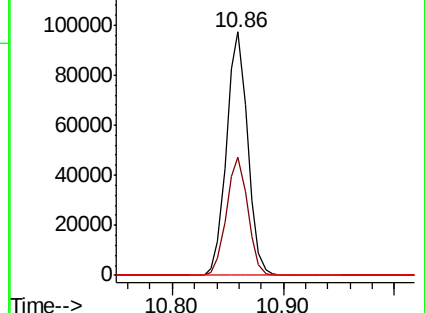
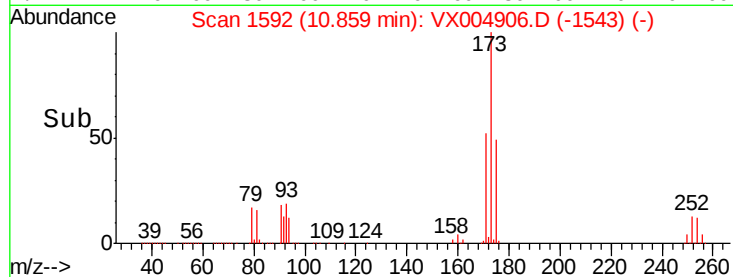
173 100

175 49.0 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

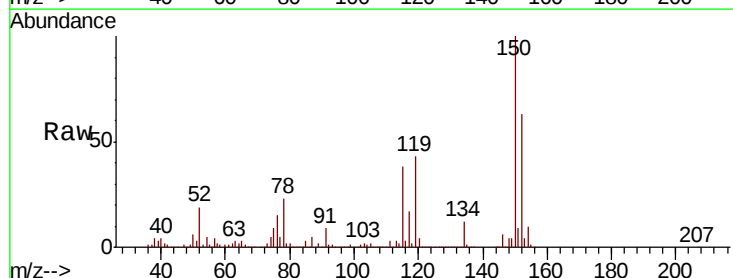
Tgt Ion:152 Resp: 197896

Ion Ratio Lower Upper

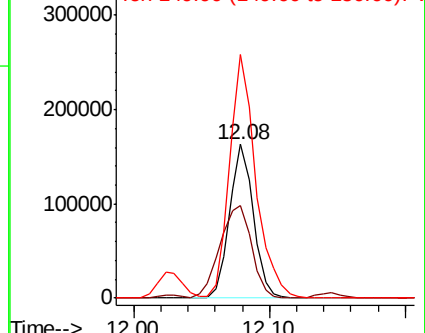
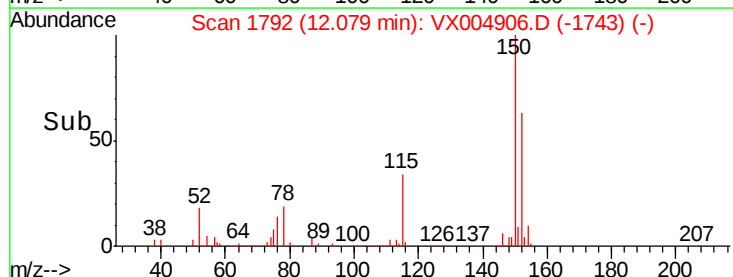
152 100

115 79.7 39.0 117.0

150 174.7 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: 66.265 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

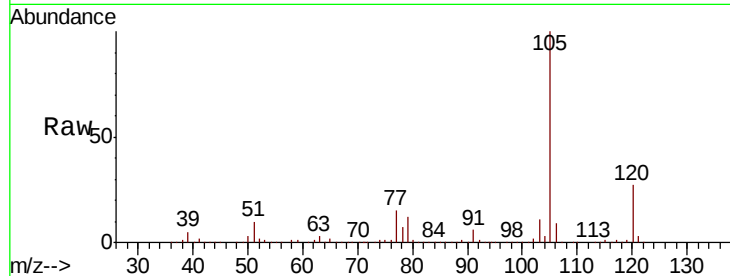
FA18-JMW-3202MS

Tot Ion: 105 Resp: 826562

Ion Ratio Lower Upper

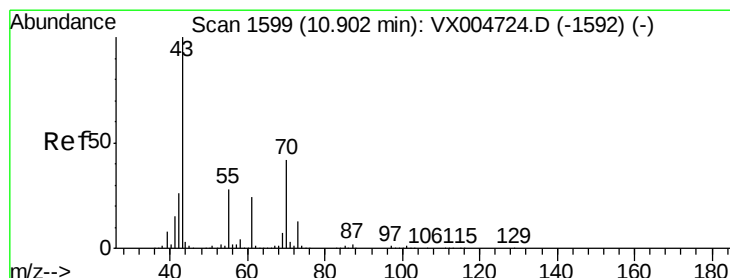
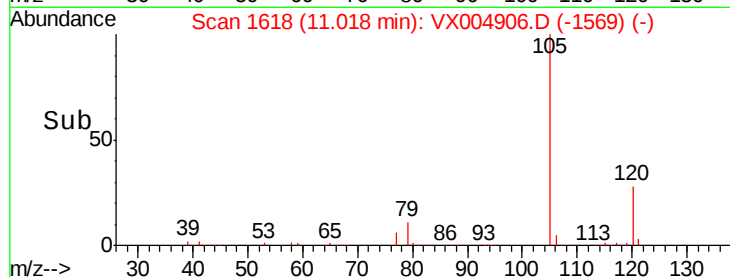
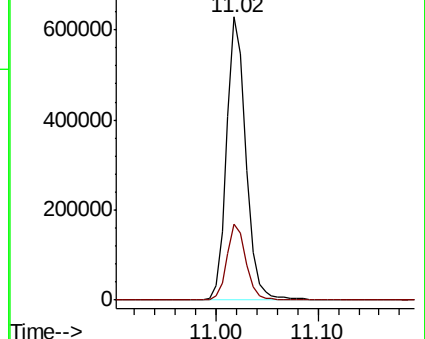
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.483 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Tgt Ion: 43 Resp: 346232

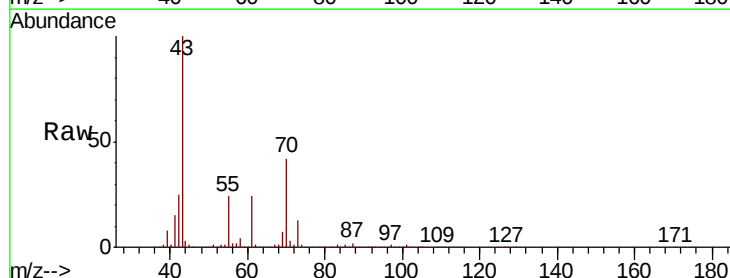
Ion Ratio Lower Upper

43 100

70 40.4 37.4 56.0

55 25.3 21.8 32.8

61 23.7 20.6 30.8

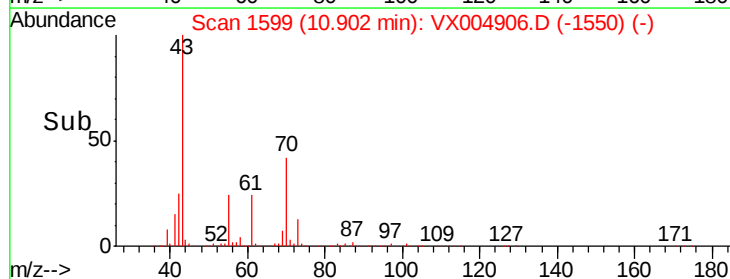
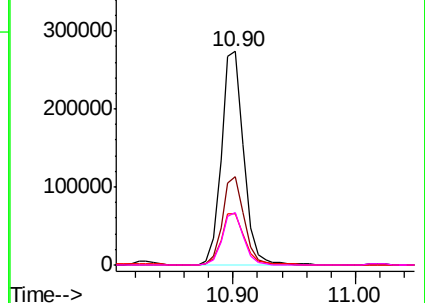


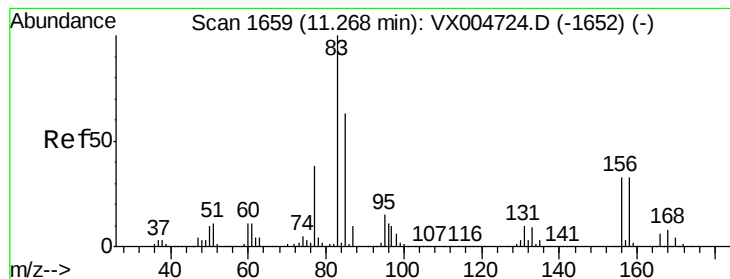
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.048 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

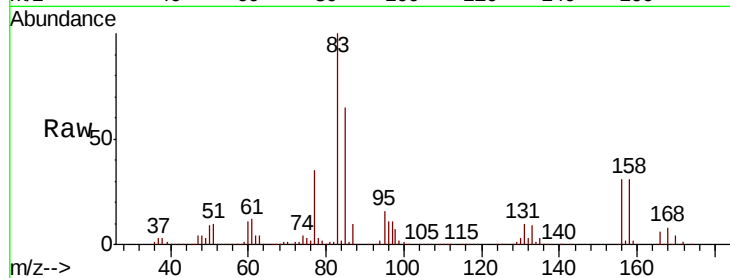
Tot Ion: 83 Resp: 254126

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

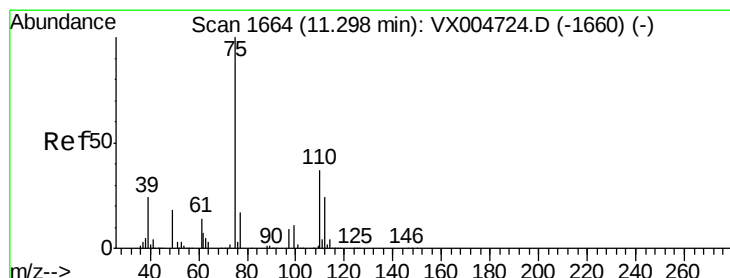
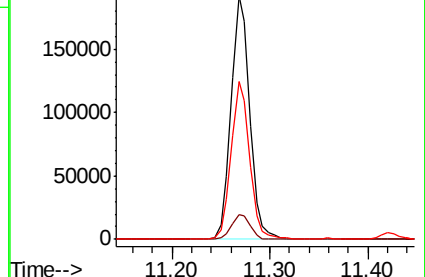
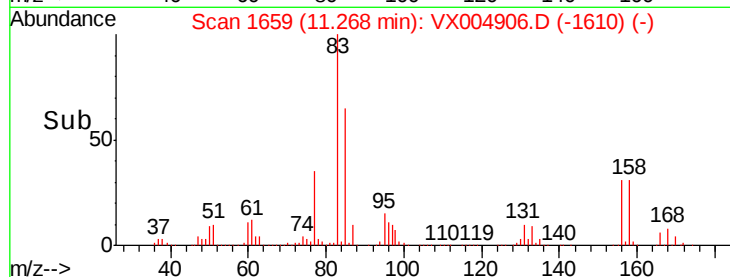
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX004906.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX004906.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX004906.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 62.642 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004906.D

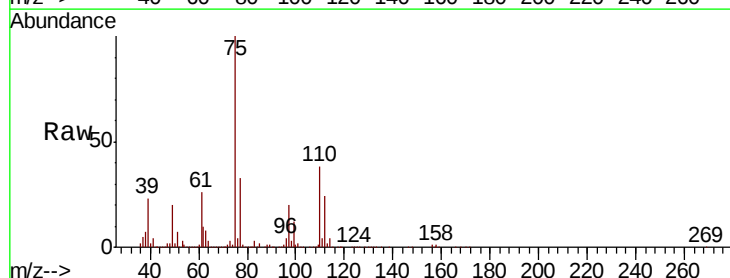
Acq: 02 Oct 2018 07:58

Tgt Ion: 75 Resp: 277855

Ion Ratio Lower Upper

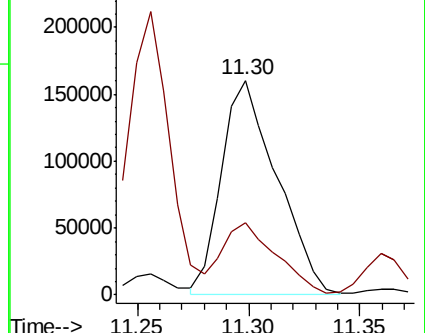
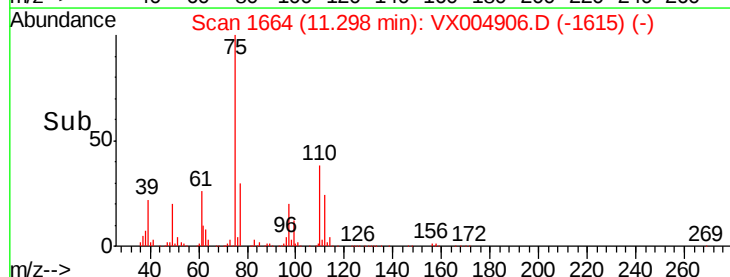
75 100

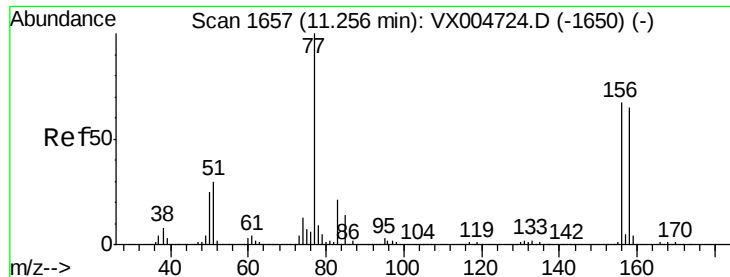
77 32.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX004906.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX004906.D (-1615) (-)





#77

Bromobenzene

Concen: 51.681 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

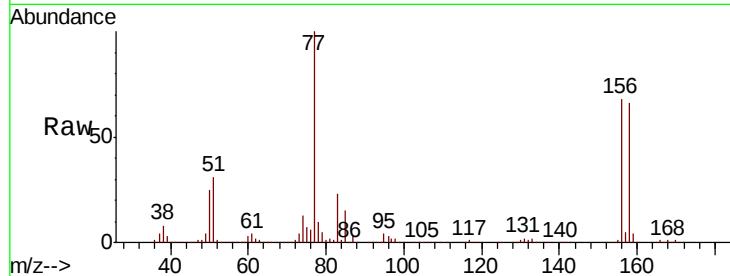
Tot Ion:156 Resp: 187242

Ion Ratio Lower Upper

156 100

77 147.4 71.5 214.3

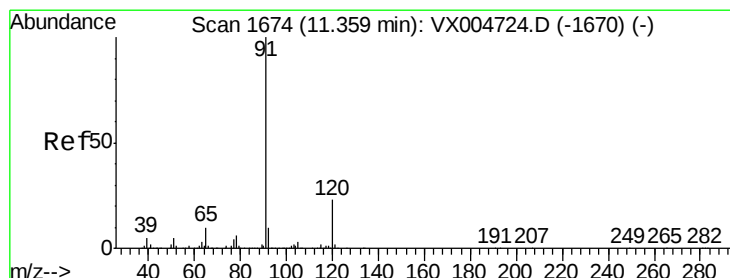
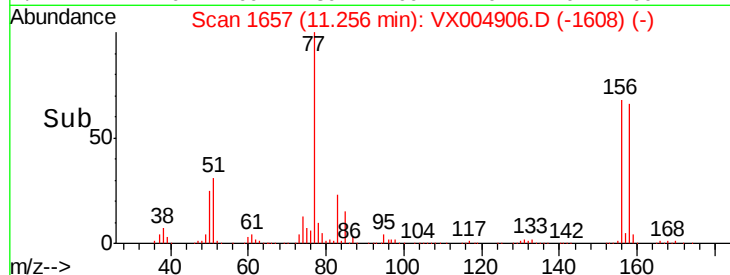
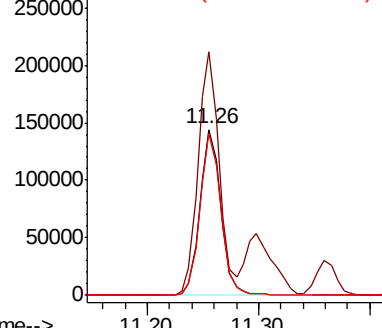
158 97.5 48.9 146.8



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: 66.755 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004906.D

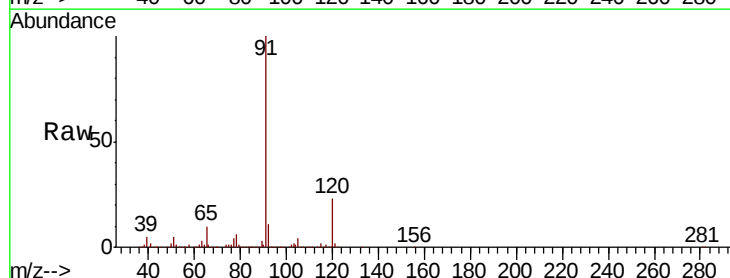
Acq: 02 Oct 2018 07:58

Tgt Ion: 91 Resp: 955405

Ion Ratio Lower Upper

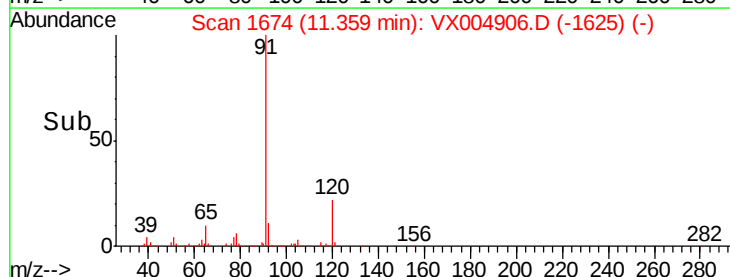
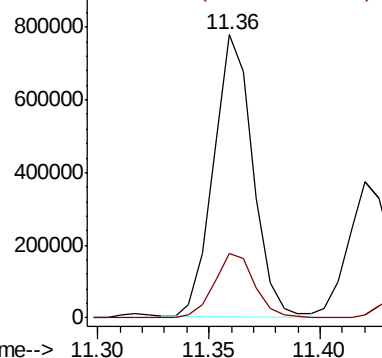
91 100

120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 58.190 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

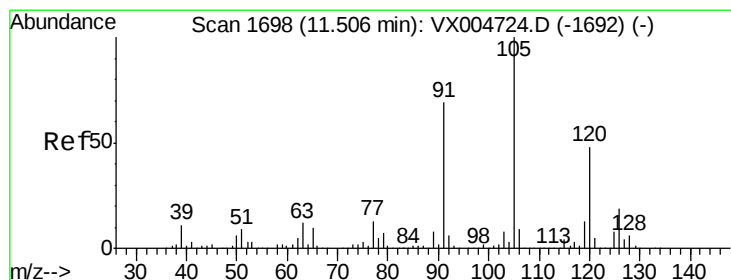
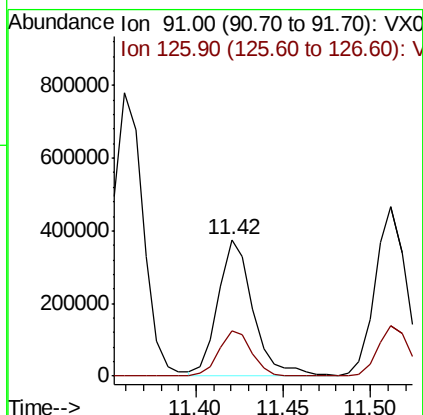
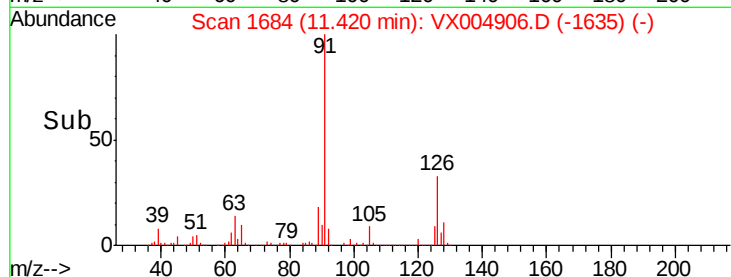
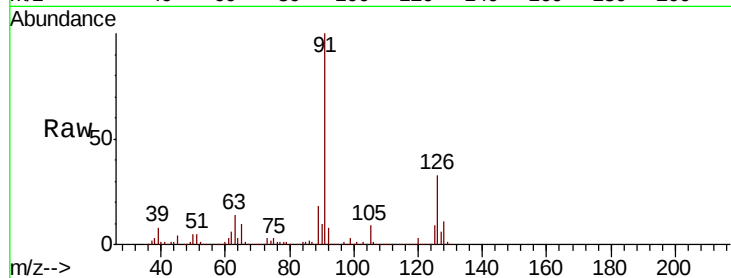
FA18-JMW-3202MS

Tot Ion: 91 Resp: 519107

Ion Ratio Lower Upper

91 100

126 31.6 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 68.963 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004906.D

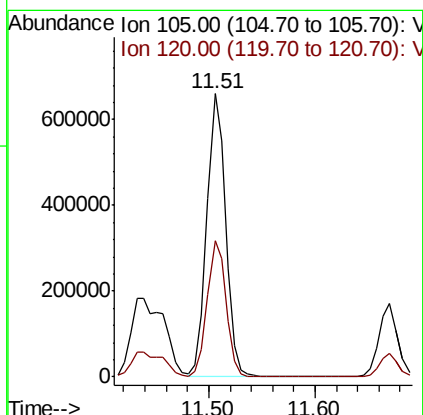
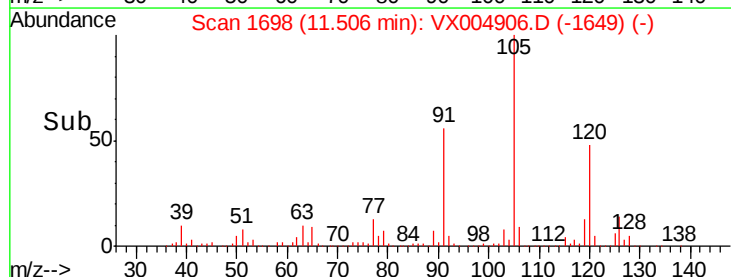
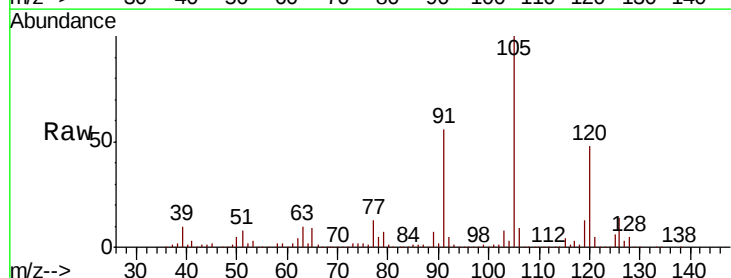
Acq: 02 Oct 2018 07:58

Tgt Ion:105 Resp: 787561

Ion Ratio Lower Upper

105 100

120 48.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 37.689 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

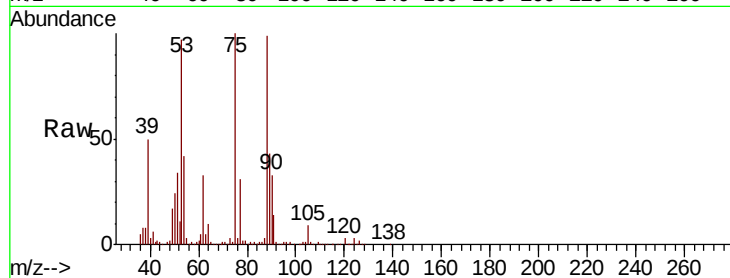
Tot Ion: 75 Resp: 60465

Ion Ratio Lower Upper

75 100

53 99.1 80.1 120.1

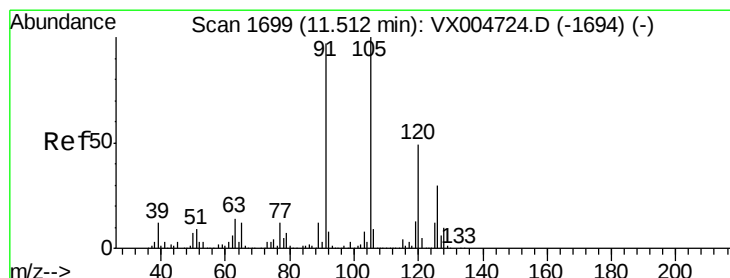
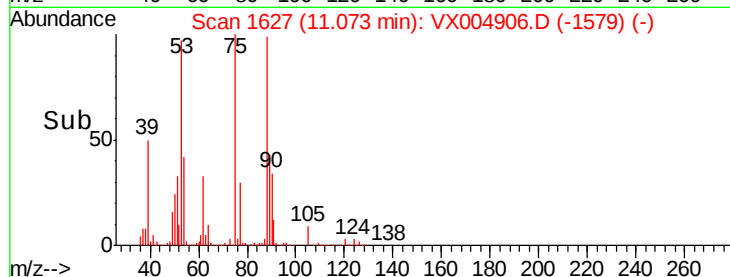
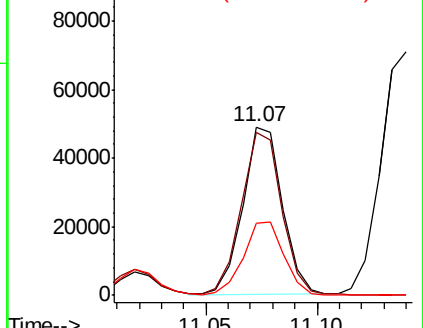
89 45.4 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 55.267 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004906.D

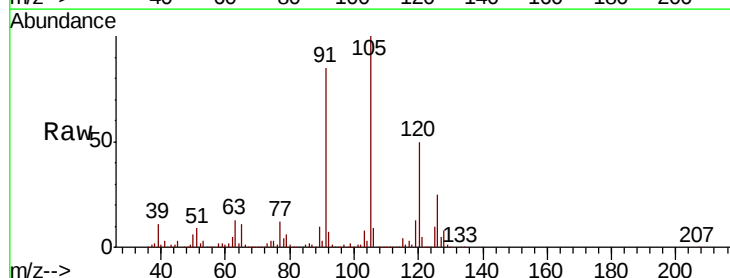
Acq: 02 Oct 2018 07:58

Tgt Ion: 91 Resp: 580325

Ion Ratio Lower Upper

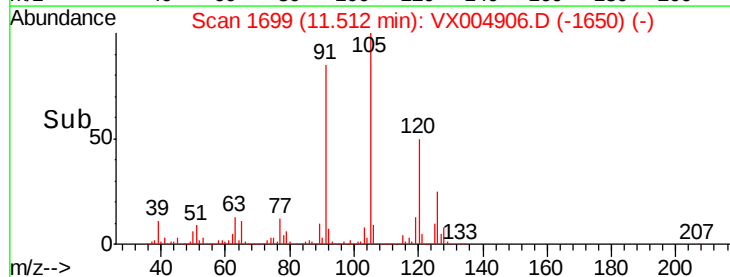
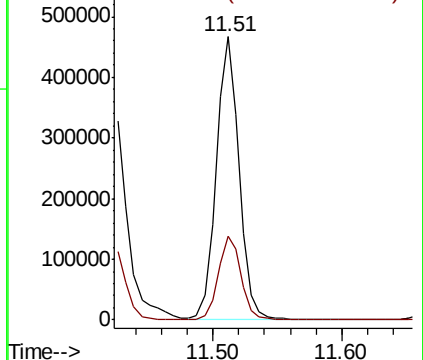
91 100

126 29.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

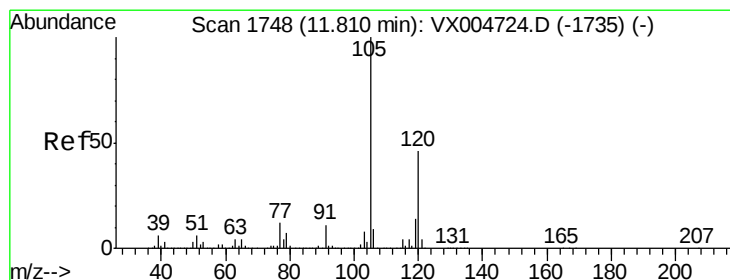
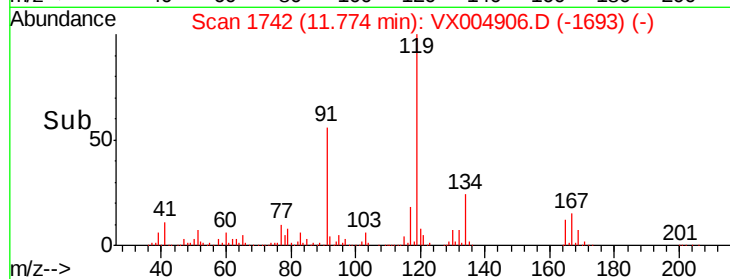
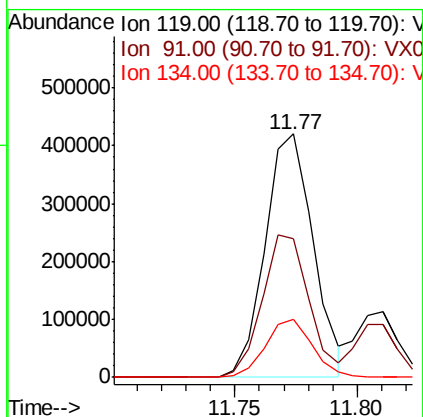
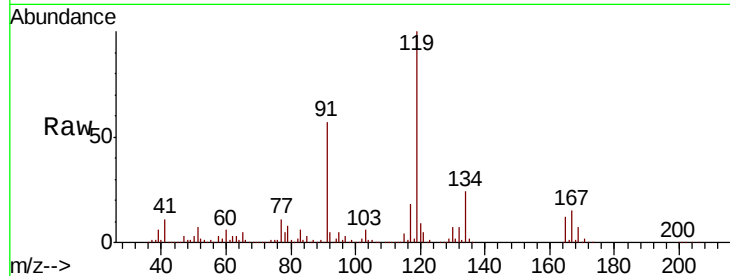




#83
 tert-Butylbenzene
 Concen: 55.948 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

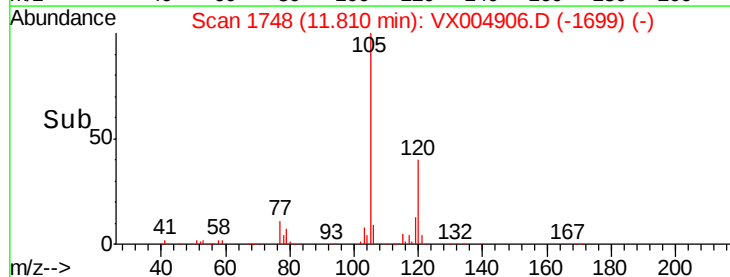
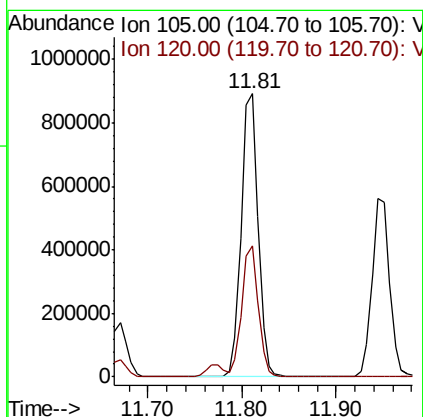
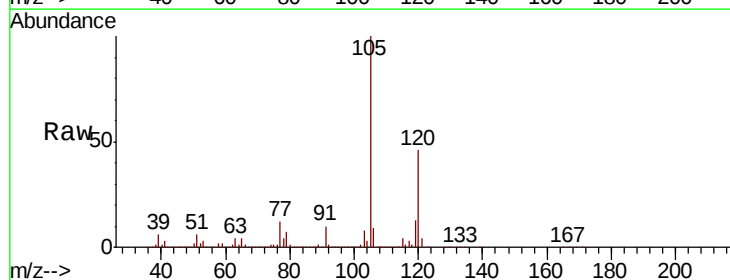
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MS

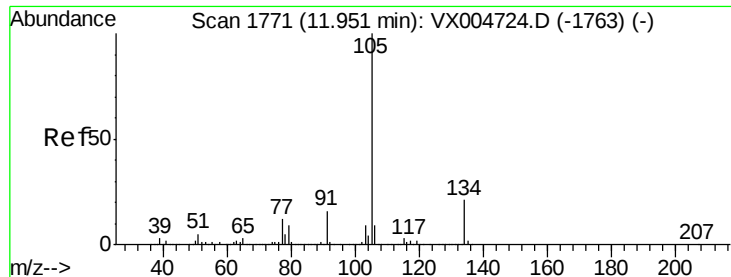
Tot Ion:119 Resp: 574581
 Ion Ratio Lower Upper
 119 100
 91 57.1 27.0 81.0
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 94.697 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

Tgt Ion:105 Resp: 1114396
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 57.979 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

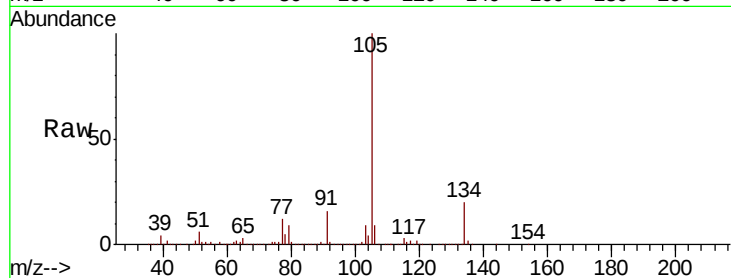
FA18-JMW-3202MS

Tot Ion:105 Resp: 725265

Ion Ratio Lower Upper

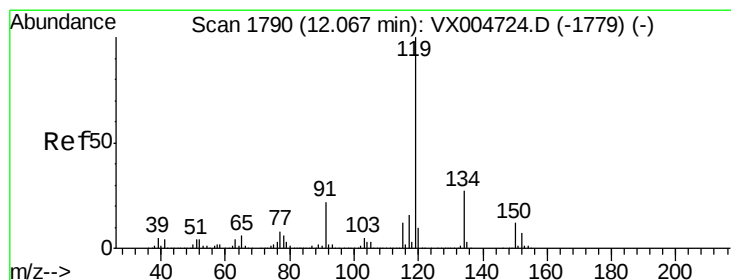
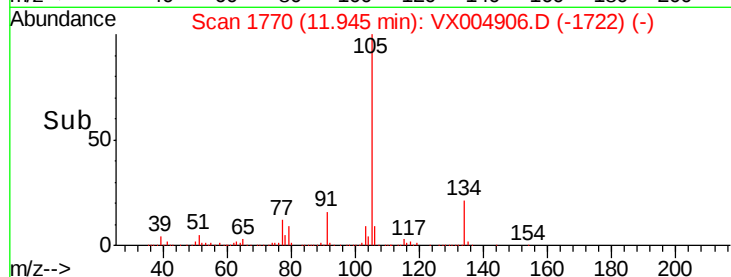
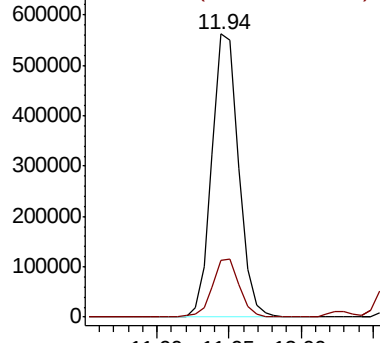
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.356 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

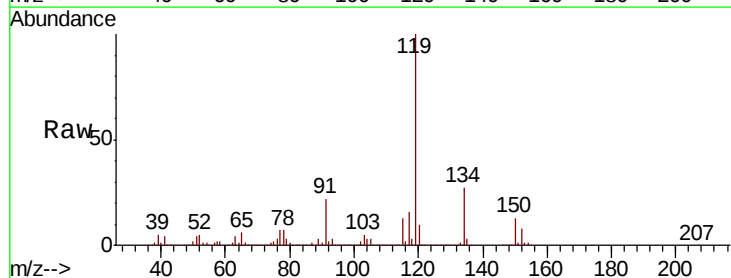
Tgt Ion:119 Resp: 638699

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

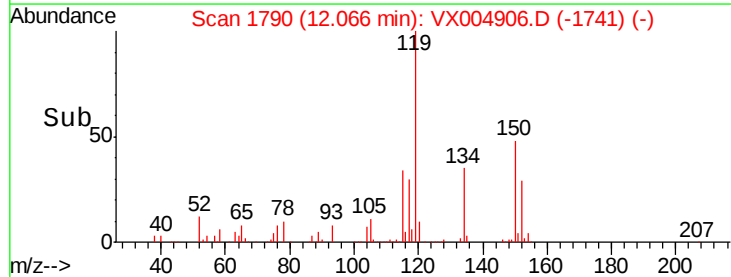
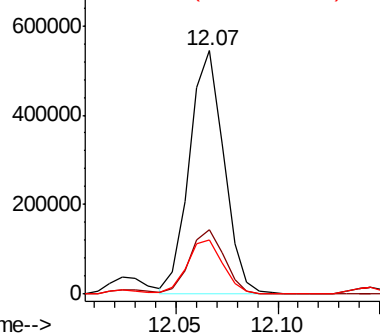
91 22.9 10.9 32.7



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

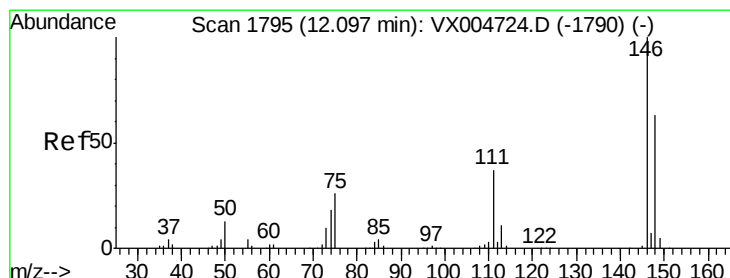
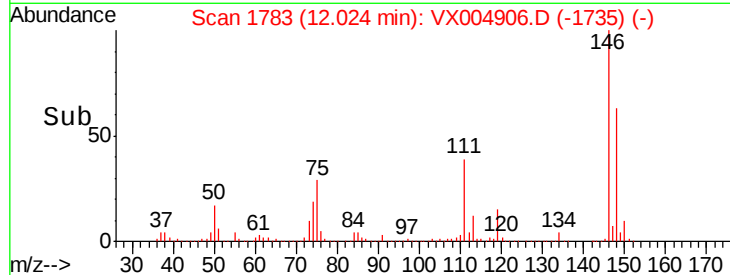
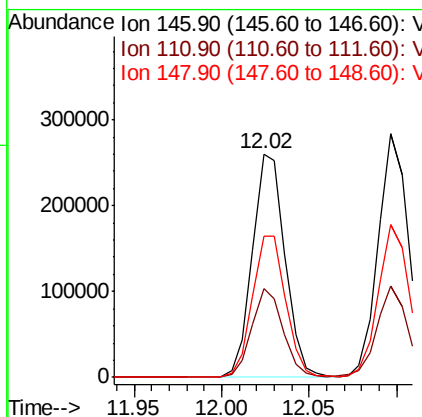
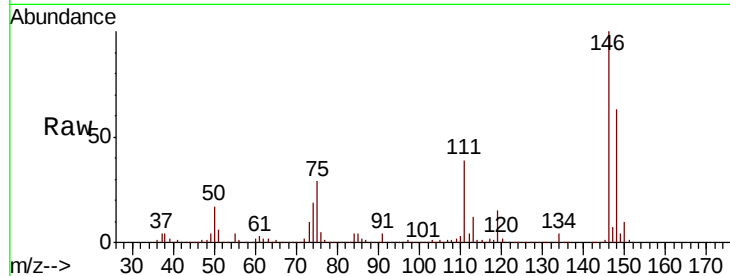




#87
 1,3-Dichlorobenzene
 Concen: 49.962 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

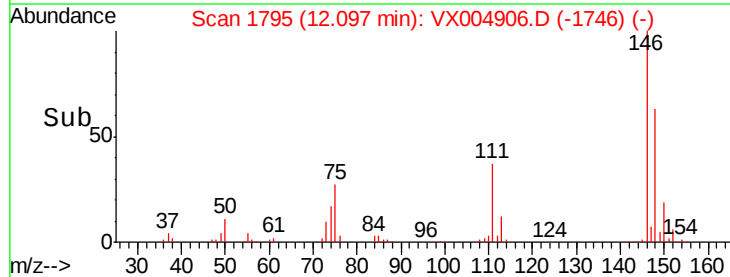
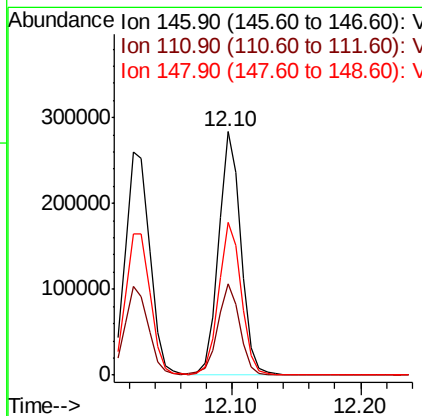
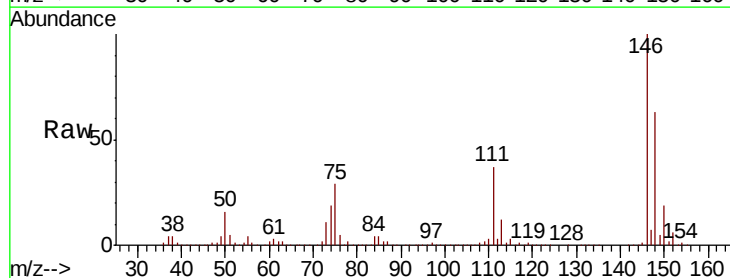
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MS

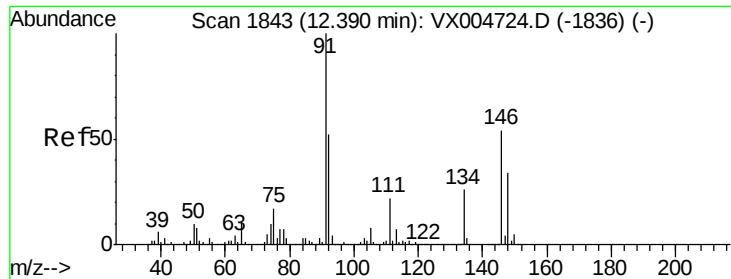
Tot Ion:146 Resp: 338010
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.7 56.1
 148 64.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.534 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

Tgt Ion:146 Resp: 345936
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 63.8 32.0 96.0

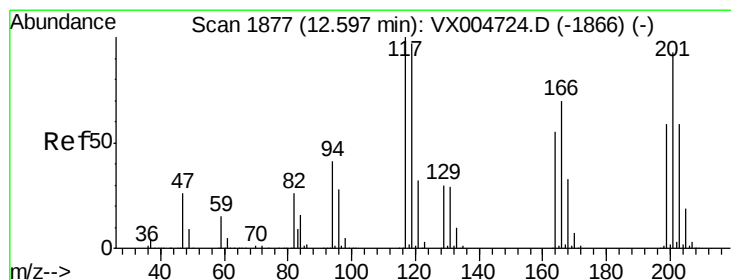
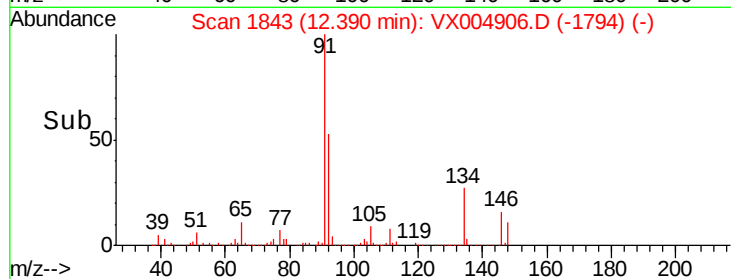
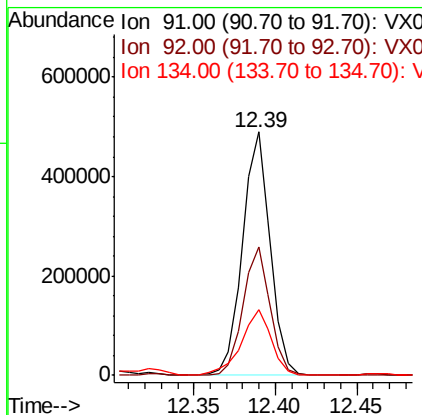
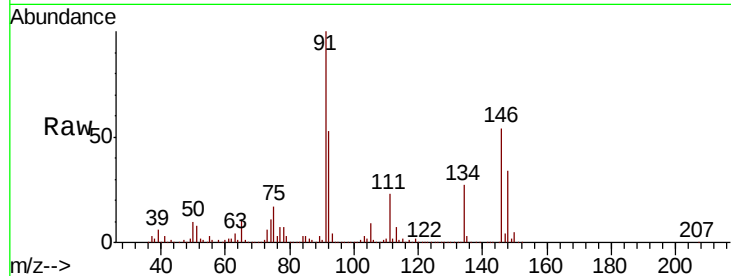




#89
n-Butylbenzene
Concen: 56.021 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

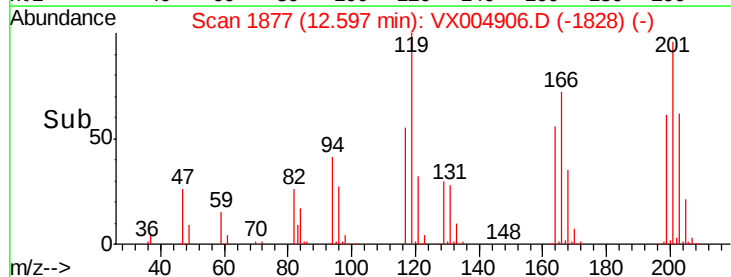
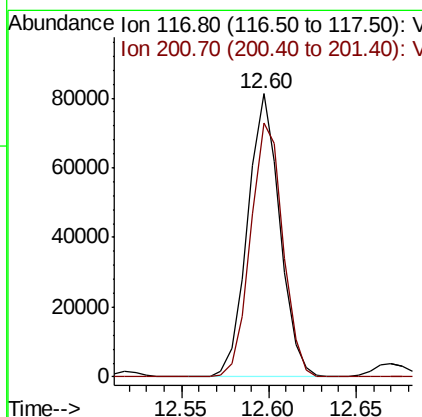
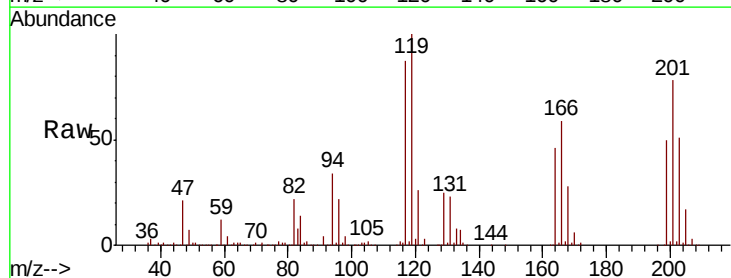
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MS

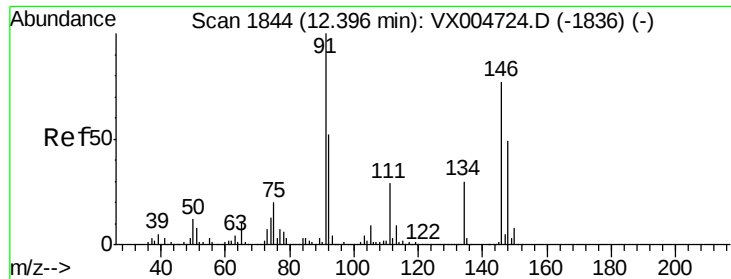
Tot Ion: 91 Resp: 576616
Ion Ratio Lower Upper
91 100
92 51.8 27.3 81.9
134 29.5 13.6 40.7



#90
Hexachloroethane
Concen: 55.261 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004906.D
Acq: 02 Oct 2018 07:58

Tgt Ion: 117 Resp: 104276
Ion Ratio Lower Upper
117 100
201 89.6 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 49.137 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

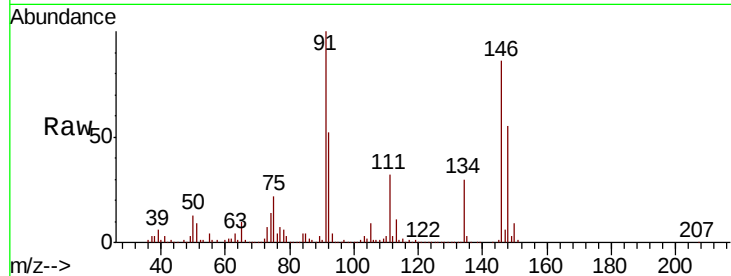
Tot Ion:146 Resp: 347404

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.1

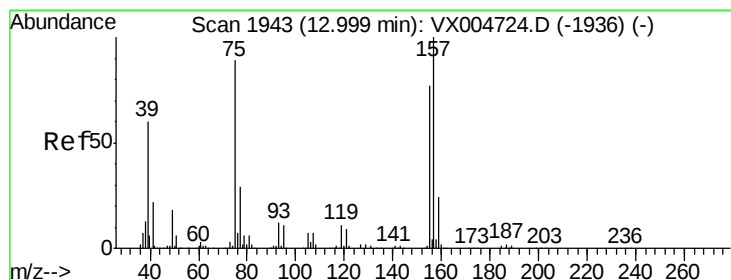
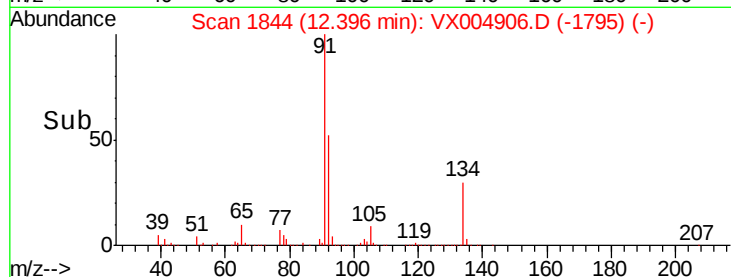
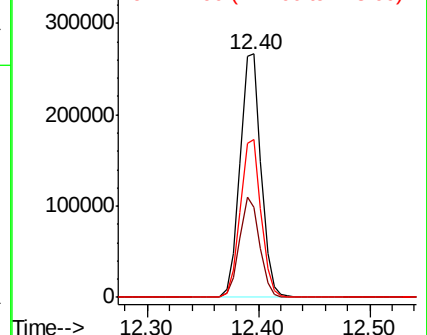
148 64.2 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.604 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

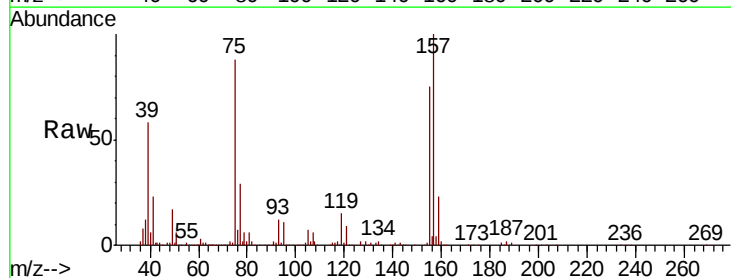
Tgt Ion: 75 Resp: 59762

Ion Ratio Lower Upper

75 100

155 92.9 48.0 144.2

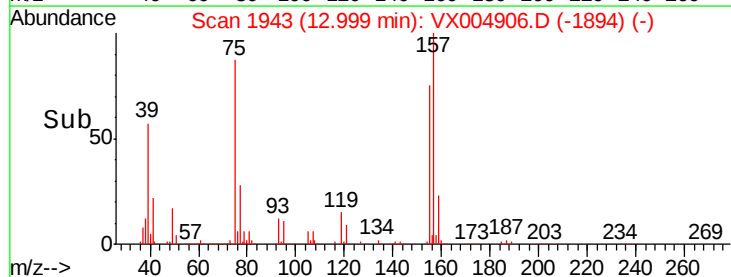
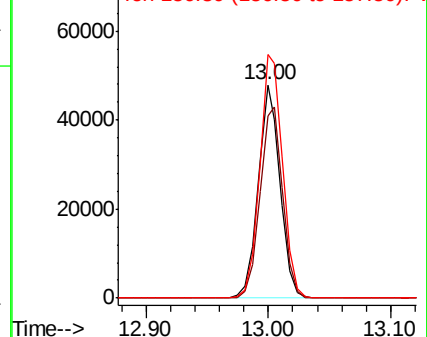
157 119.2 61.4 184.1

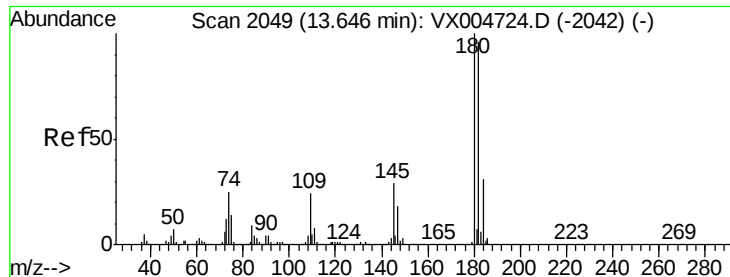


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

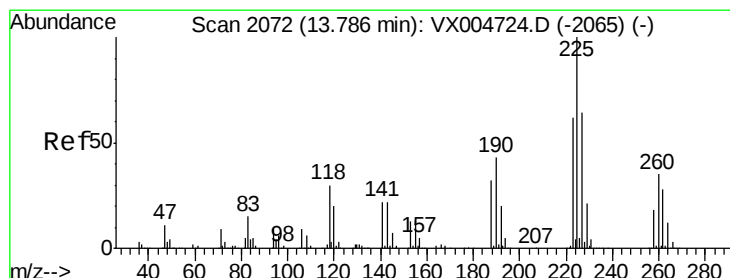
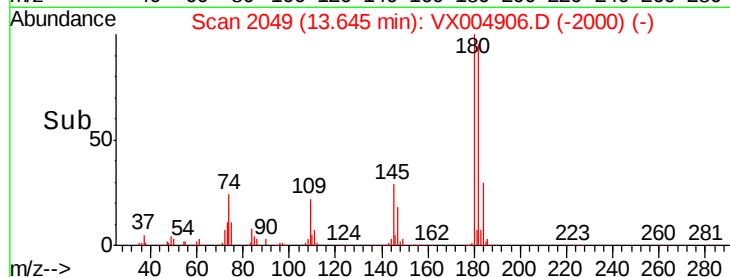
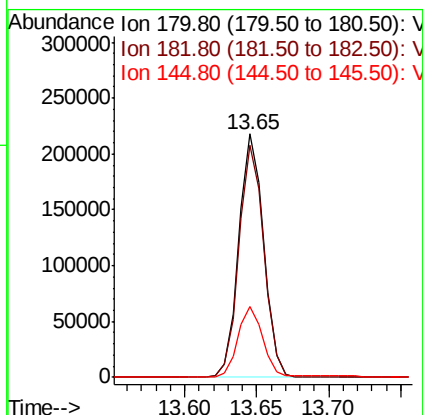
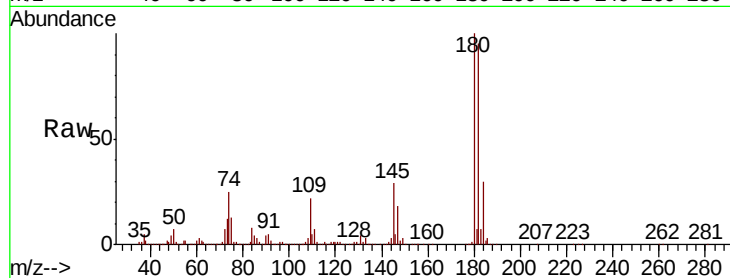




#93
 1,2,4-Trichlorobenzene
 Concen: 52.715 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

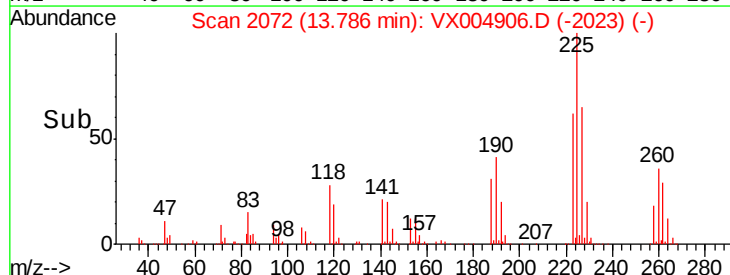
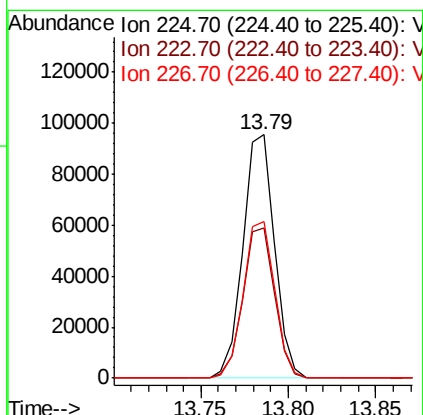
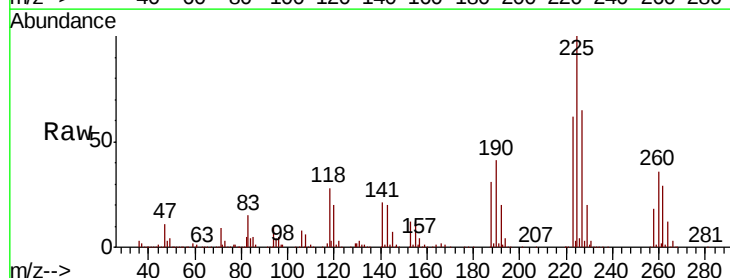
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MS

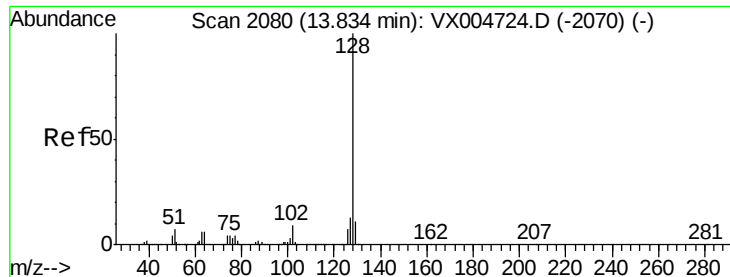
Tot Ion:180 Resp: 261441
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.4 145.0
 145 29.0 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 46.614 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004906.D
 Acq: 02 Oct 2018 07:58

Tgt Ion:225 Resp: 119880
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.1 90.5
 227 64.6 30.8 92.4





#95

Naphthalene

Concen: 58.812 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MS

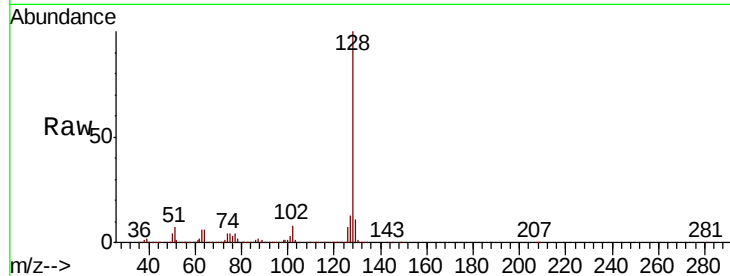
Tot Ion:128 Resp: 970218

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

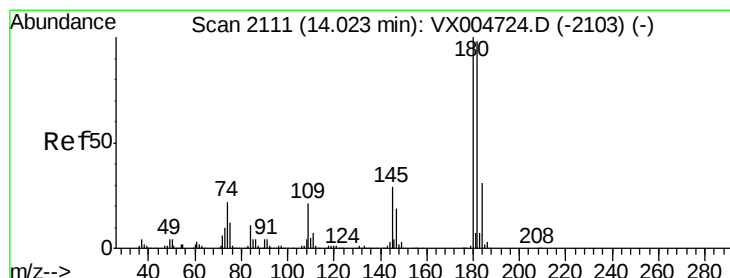
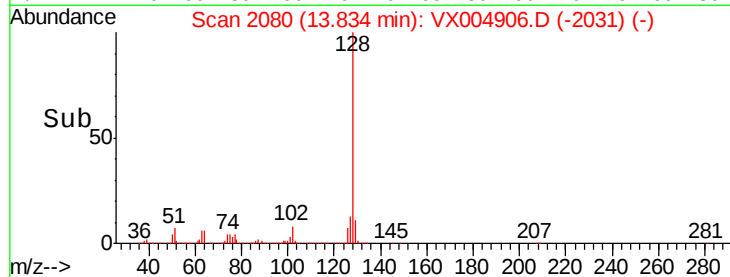
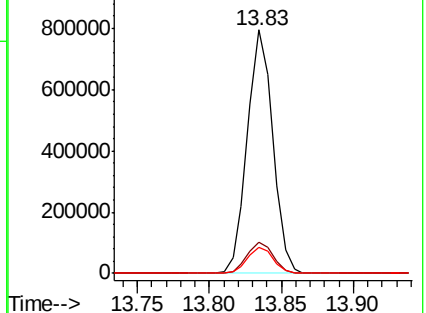
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.570 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004906.D

Acq: 02 Oct 2018 07:58

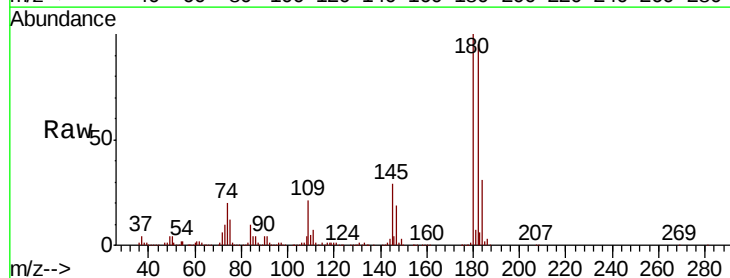
Tgt Ion:180 Resp: 269330

Ion Ratio Lower Upper

180 100

182 95.1 48.5 145.6

145 31.1 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

