

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004907.D
 Acq On : 02 Oct 2018 08:24
 Operator : JC/MD
 Sample : J5161-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MSD

Quant Time: Oct 02 08:46:07 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	222429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199149	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	163242	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
35) Dibromofluoromethane	5.51	113	133739	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
50) Toluene-d8	8.72	98	492403	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.14	95	189189	53.54	ug/l	0.00
Spiked Amount			Recovery	=	107.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	165417	54.544	ug/l	99
3) Chloromethane	1.32	50	181196	49.245	ug/l	100
4) Vinyl Chloride	1.40	62	236478	68.525	ug/l	98
5) Bromomethane	1.64	94	107125	52.348	ug/l	100
6) Chloroethane	1.71	64	110672	59.278	ug/l	98
7) Trichlorofluoromethane	1.92	101	233750	54.713	ug/l	97
8) Diethyl Ether	2.19	74	100049	53.906	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	124338	51.092	ug/l	98
10) Methyl Iodide	2.51	142	85892	26.375	ug/l	99
11) Tert butyl alcohol	3.07	59	245795	276.662	ug/l	99
12) 1,1-Dichloroethene	2.37	96	128517	53.324	ug/l	97
13) Acrolein	2.29	56	101443	160.482	ug/l	92
14) Allyl chloride	2.73	41	279244	53.102	ug/l	95
15) Acrylonitrile	3.15	53	545891	279.117	ug/l	100
16) Acetone	2.45	43	483299	260.535	ug/l	96
17) Carbon Disulfide	2.57	76	371930	51.357	ug/l	98
18) Methyl Acetate	2.78	43	261707	55.683	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	490228	58.970	ug/l #	89
20) Methylene Chloride	2.85	84	154573	57.435	ug/l #	89
21) trans-1,2-Dichloroethene	3.16	96	140103	53.104	ug/l	96
22) Diisopropyl ether	3.87	45	505850	57.126	ug/l	96
23) Vinyl Acetate	3.82	43	2067505	255.073	ug/l	96
24) 1,1-Dichloroethane	3.70	63	271907	51.477	ug/l	99
25) 2-Butanone	4.70	43	728390	266.383	ug/l	93
26) 2,2-Dichloropropane	4.58	77	115708	31.457	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	227220	77.094	ug/l	98
28) Bromochloromethane	5.02	49	122984	49.442	ug/l	91
29) Tetrahydrofuran	5.15	42	479500	282.141	ug/l	93
30) Chloroform	5.21	83	262144	52.511	ug/l	100
31) Cyclohexane	5.57	56	593396	146.779	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	221441	54.315	ug/l	99
36) 1,1-Dichloropropene	5.80	75	192533	47.830	ug/l	99
37) Ethyl Acetate	4.85	43	244912	45.835	ug/l	98
38) Carbon Tetrachloride	5.78	117	192189	45.420	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	459960	111.903	ug/l	96
40) Benzene	6.14	78	1144827	90.843	ug/l	100
41) Methacrylonitrile	5.06	41	146764	49.528	ug/l	96
42) 1,2-Dichloroethane	6.20	62	216191	48.528	ug/l	97
43) Isopropyl Acetate	6.46	43	393251	50.991	ug/l	96
44) Trichloroethene	7.21	130	156449	50.500	ug/l	96
45) 1,2-Dichloropropane	7.52	63	165102	53.423	ug/l	100
46) Dibromomethane	7.66	93	103636	53.359	ug/l	98
47) Bromodichloromethane	7.90	83	197110	54.205	ug/l	99
48) Methyl methacrylate	7.77	41	211200	60.335	ug/l	90
49) 1,4-Dioxane	7.76	88	91728	1054.765	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1408491	290.053	ug/l	95
52) Toluene	8.79	92	544608	78.647	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	210691	51.272	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	223838	52.005	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154541	50.949	ug/l	98
56) Ethyl methacrylate	9.18	69	256388	51.969	ug/l	93
57) 1,3-Dichloropropane	9.37	76	261841	51.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.27	63	2408	15.111	ug/l #	45
59) 2-Hexanone	9.50	43	1100785	272.029	ug/l	94
60) Dibromochloromethane	9.59	129	161428	53.215	ug/l	100
61) 1,2-Dibromoethane	9.68	107	162242	49.944	ug/l	99
64) Tetrachloroethene	9.34	164	140565	43.554	ug/l	98
65) Chlorobenzene	10.14	112	413493	49.175	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	152236	51.499	ug/l	99
67) Ethyl Benzene	10.26	91	1270407	95.164	ug/l	98
68) m/p-Xylenes	10.36	106	1216303	233.156	ug/l	96
69) o-Xylene	10.70	106	343208	71.628	ug/l	97
70) Styrene	10.71	104	452380	50.459	ug/l	94
71) Bromoform	10.86	173	132053	52.178	ug/l	100
73) Isopropylbenzene	11.02	105	847572	67.521	ug/l	99
74) N-amyl acetate	10.90	43	338474	49.091	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	261767	51.229	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	283488	63.510	ug/l	88
77) Bromobenzene	11.26	156	191659	52.567	ug/l	97
78) n-propylbenzene	11.36	91	985317	68.412	ug/l	99
79) 2-Chlorotoluene	11.42	91	533997	59.482	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	804211	69.980	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	62659	38.752	ug/l	99
82) 4-Chlorotoluene	11.51	91	596464	56.447	ug/l	97
83) tert-Butylbenzene	11.77	119	597274	57.792	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1137313	96.039	ug/l	98
85) sec-Butylbenzene	11.94	105	747613	59.389	ug/l	100
86) p-Isopropyltoluene	12.07	119	658389	57.728	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	350720	51.515	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	356101	50.669	ug/l	99
89) n-Butylbenzene	12.39	91	594958	57.439	ug/l	96
90) Hexachloroethane	12.60	117	108003	56.876	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	359130	50.476	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61581	54.888	ug/l	96

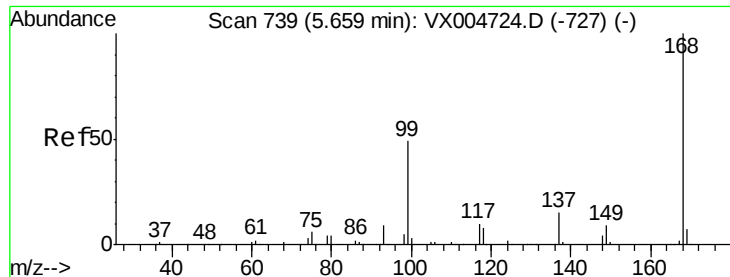
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	272161	54.531	ug/l	99
94) Hexachlorobutadiene	13.79	225	121859	47.085	ug/l	97
95) Naphthalene	13.83	128	993299	59.820	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	276421	53.615	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: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

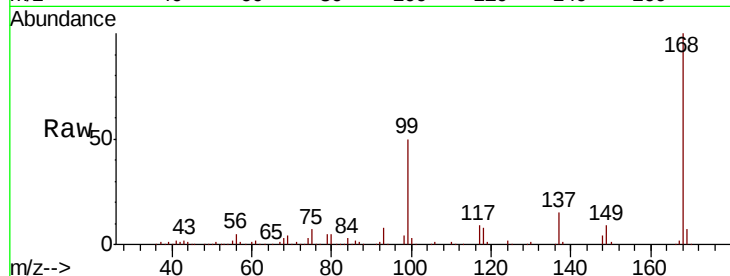
FA18-JMW-3202MSD

Tot Ion:168 Resp: 222429

Ion Ratio Lower Upper

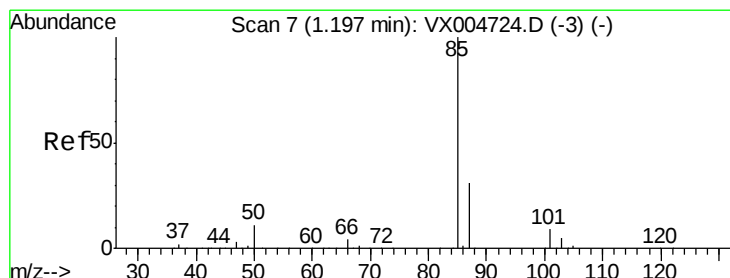
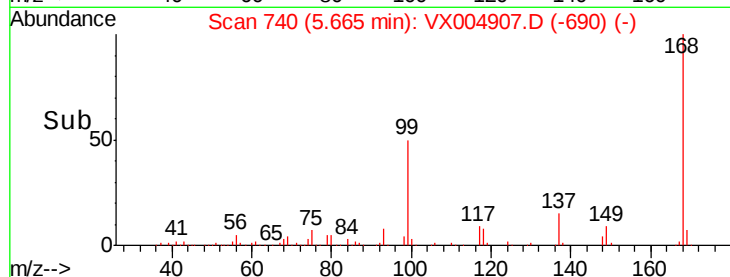
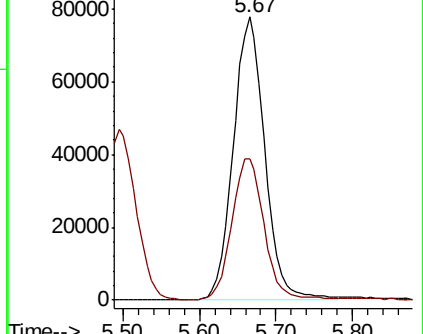
168 100

99 50.0 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: 54.544 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004907.D

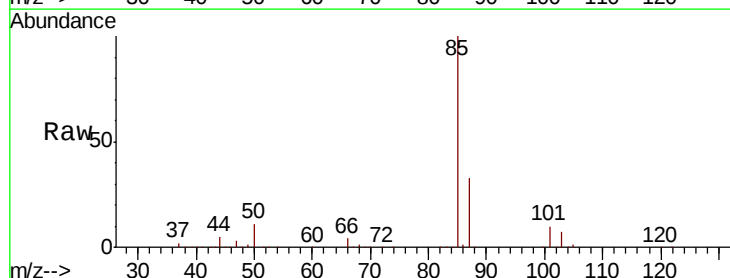
Acq: 02 Oct 2018 08:24

Tgt Ion: 85 Resp: 165417

Ion Ratio Lower Upper

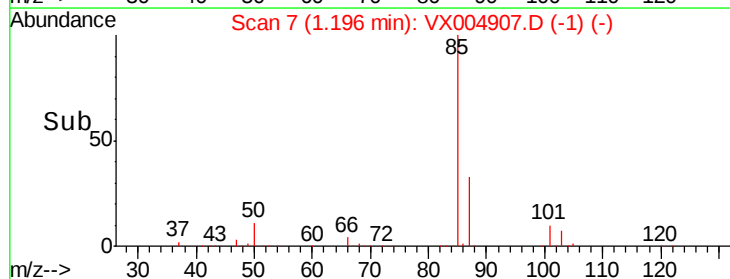
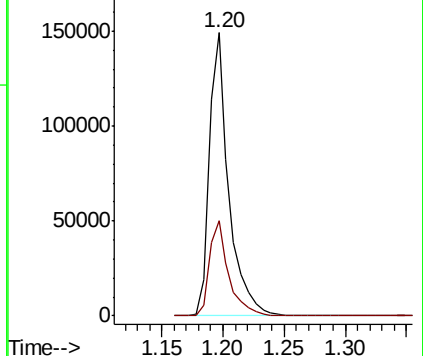
85 100

87 33.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

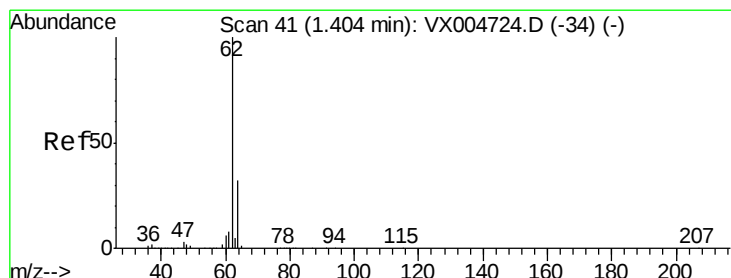
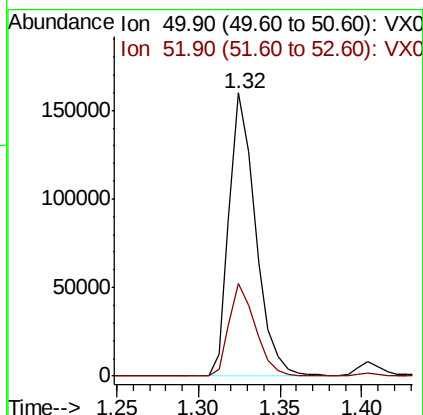
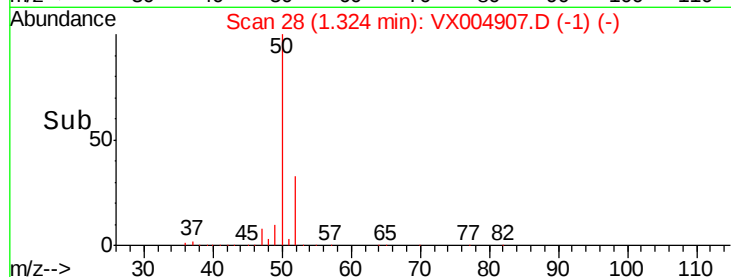
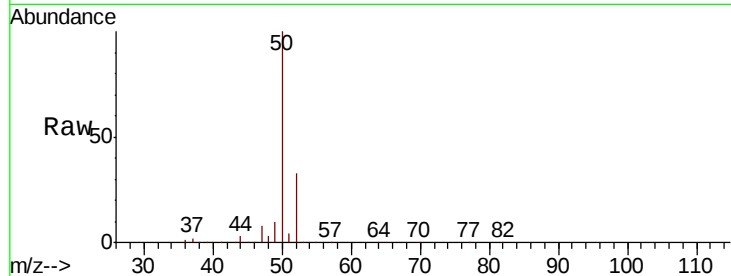




#3
 Chloromethane
 Concen: 49.245 ug/l
 RT: 1.32 min Scan# 28
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

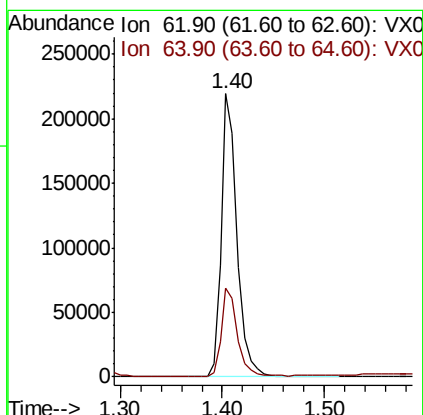
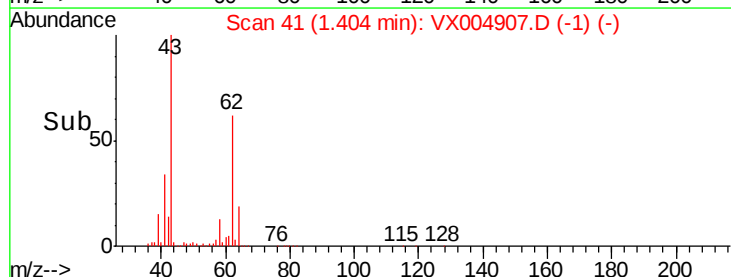
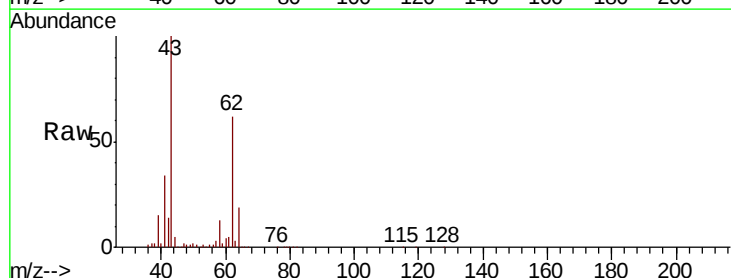
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MSD

Tot Ion: 50 Resp: 181196
 Ion Ratio Lower Upper
 50 100
 52 32.9 26.2 39.2



#4
 Vinyl Chloride
 Concen: 68.525 ug/l
 RT: 1.40 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

Tgt Ion: 62 Resp: 236478
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.8 38.8





#5

Bromomethane

Concen: 52.348 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

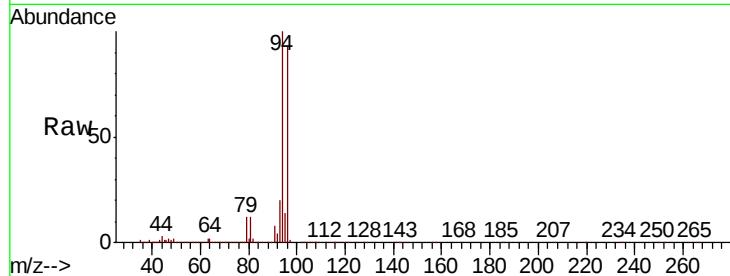
FA18-JMW-3202MSD

Tot Ion: 94 Resp: 107125

Ion Ratio Lower Upper

94 100

96 93.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

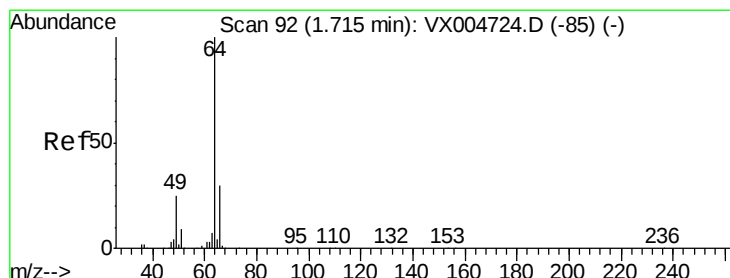
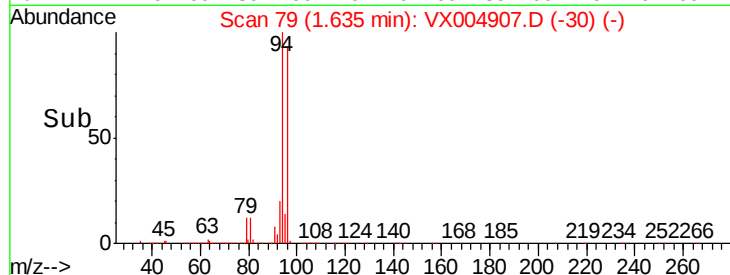
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50000

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Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 59.278 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004907.D

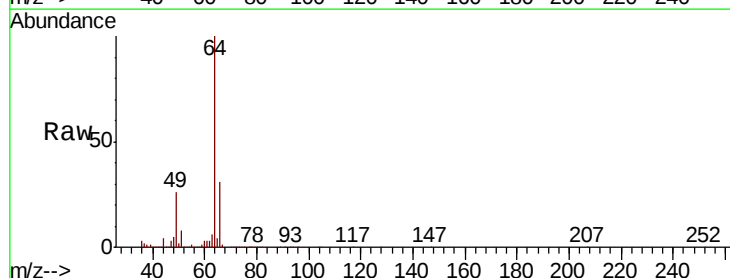
Acq: 02 Oct 2018 08:24

Tgt Ion: 64 Resp: 110672

Ion Ratio Lower Upper

64 100

66 31.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

60000

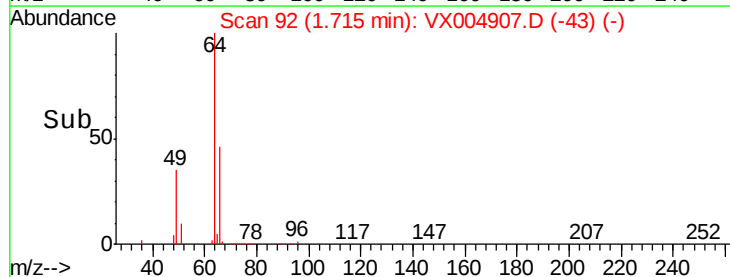
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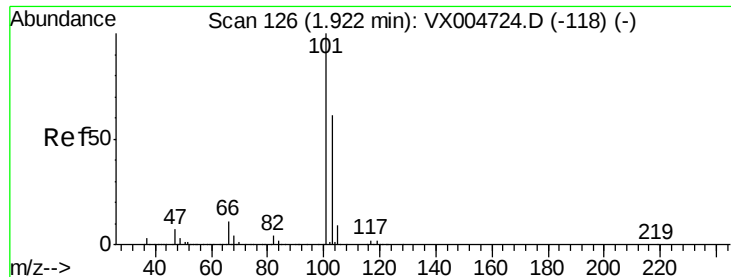
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Time-->

1.70 1.80



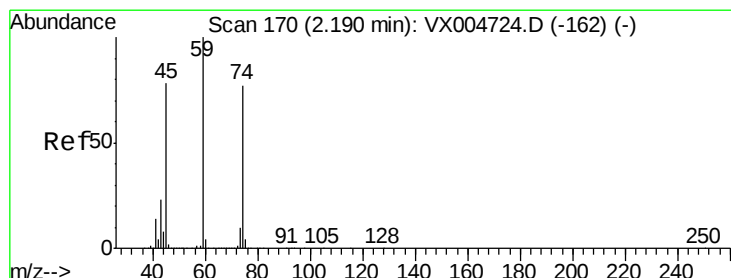
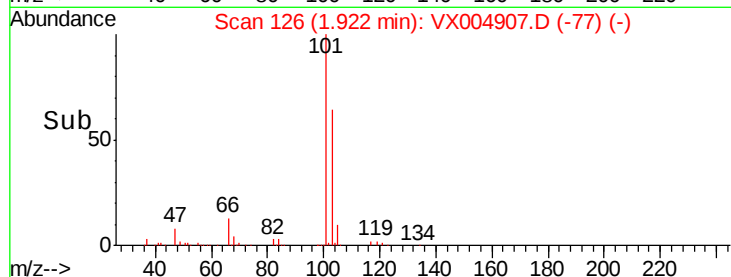
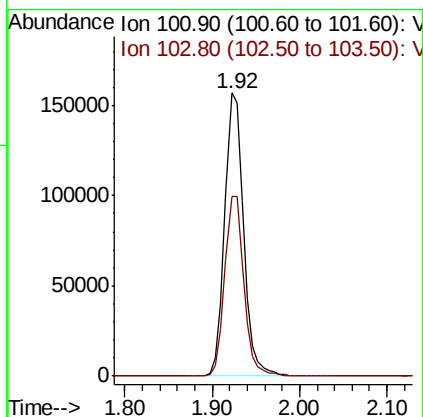
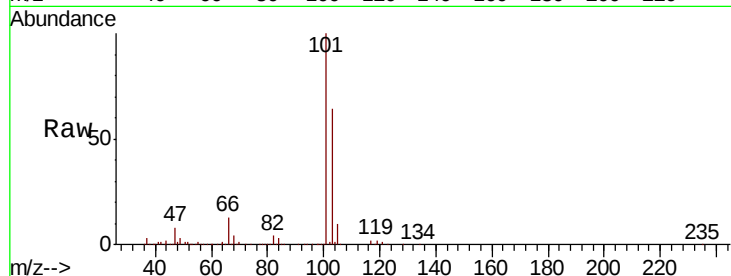


#7

Trichlorofluoromethane
 Concen: 54.713 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

Instrument :
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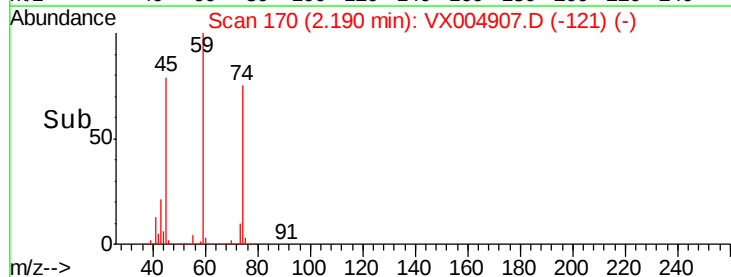
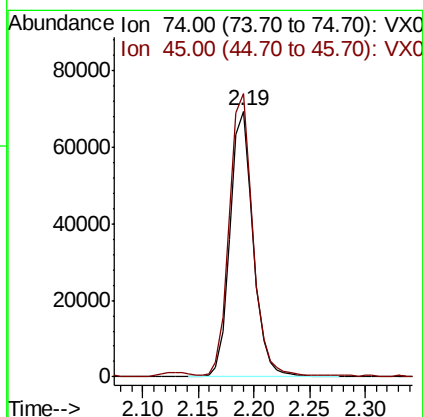
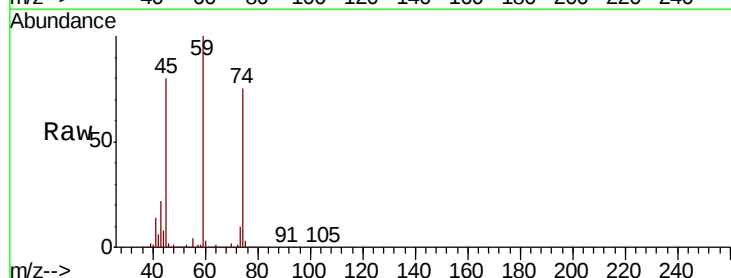
Tot Ion:101 Resp: 233750
 Ion Ratio Lower Upper
 101 100
 103 63.6 48.9 73.3



#8

Diethyl Ether
 Concen: 53.906 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

Tgt Ion: 74 Resp: 100049
 Ion Ratio Lower Upper
 74 100
 45 107.2 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.092 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

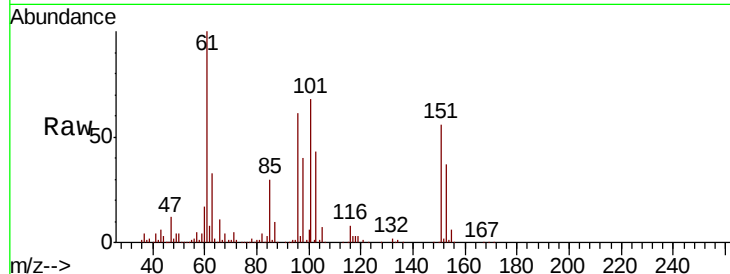
Tot Ion:101 Resp: 124338

Ion Ratio Lower Upper

101 100

85 43.7 34.2 51.4

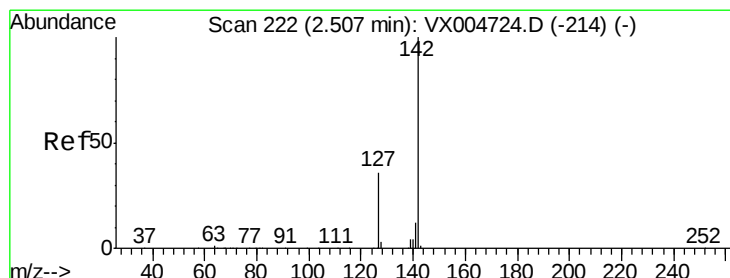
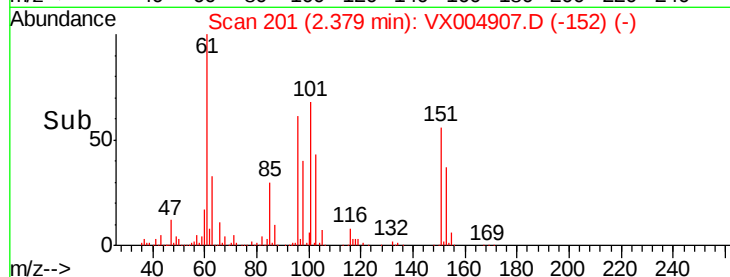
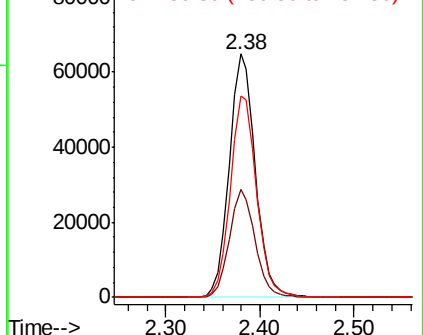
151 83.5 65.0 97.6



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: 26.375 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

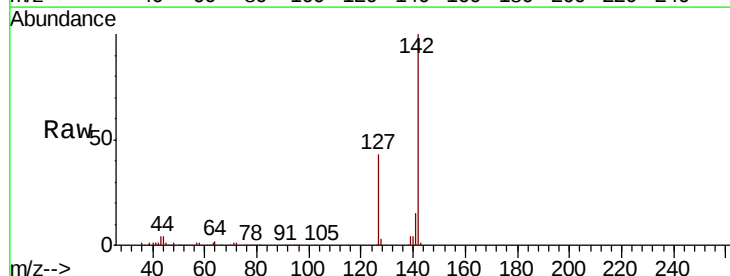
Tgt Ion:142 Resp: 85892

Ion Ratio Lower Upper

142 100

127 43.0 33.8 50.6

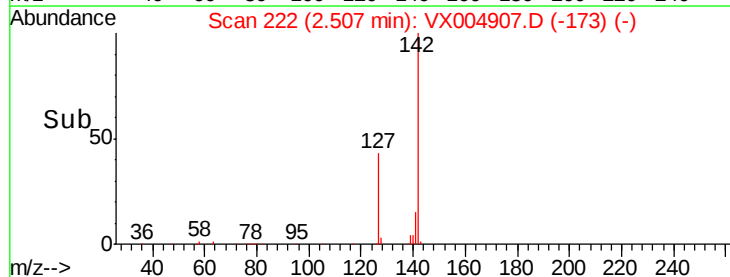
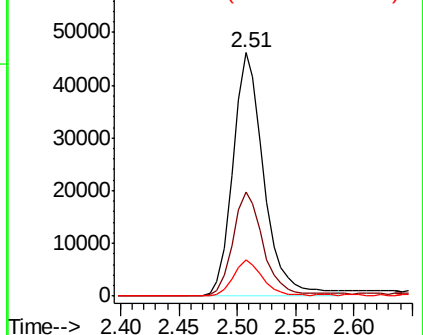
141 14.1 11.4 17.0

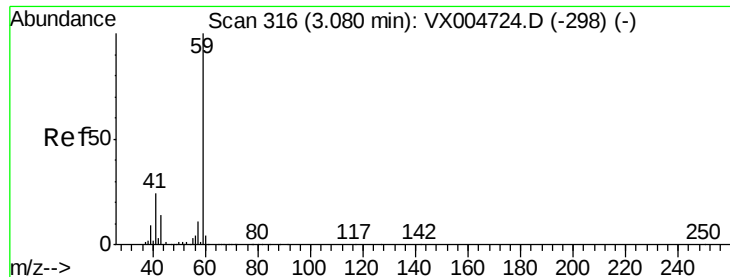


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

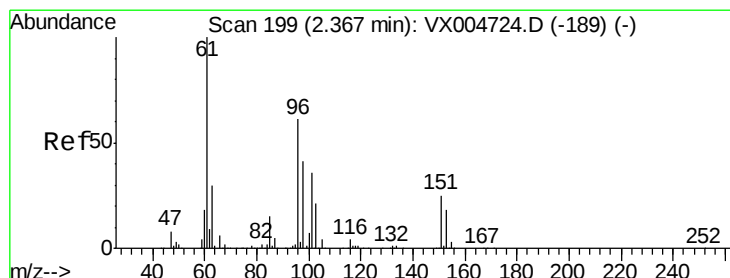
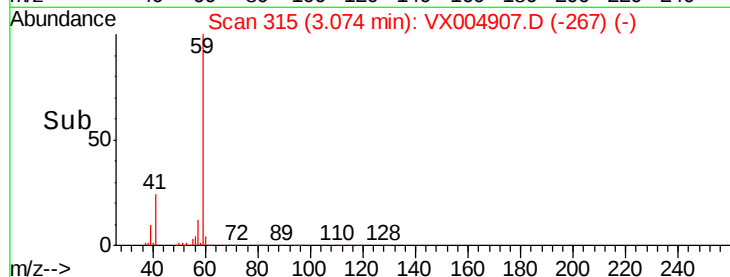
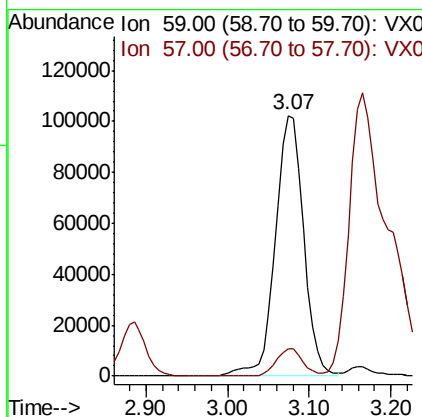
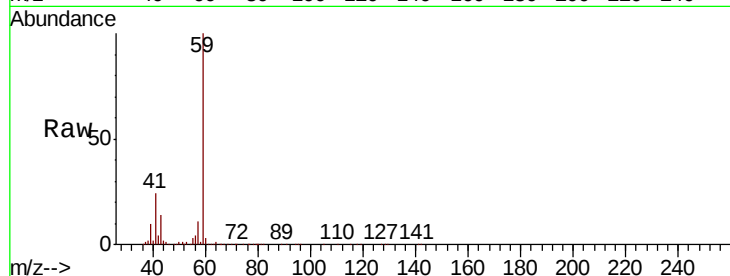




#11
Tert butyl alcohol
Concen: 276.662 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

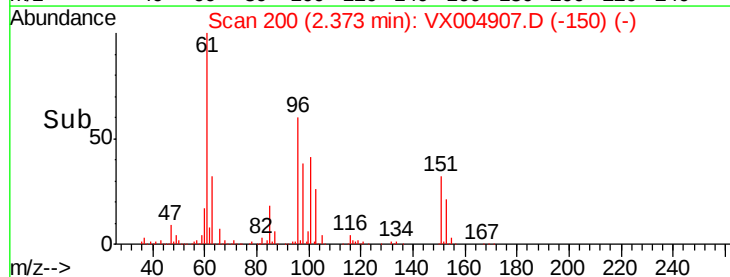
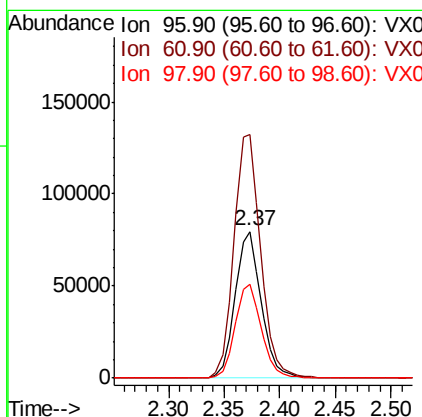
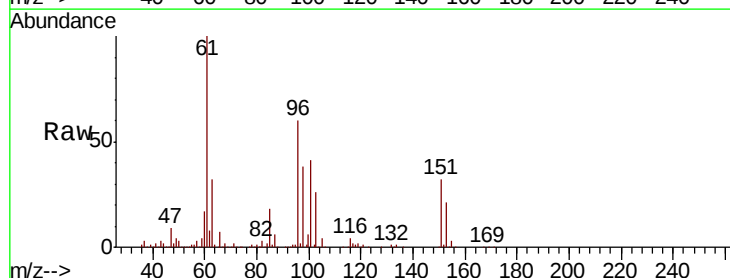
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

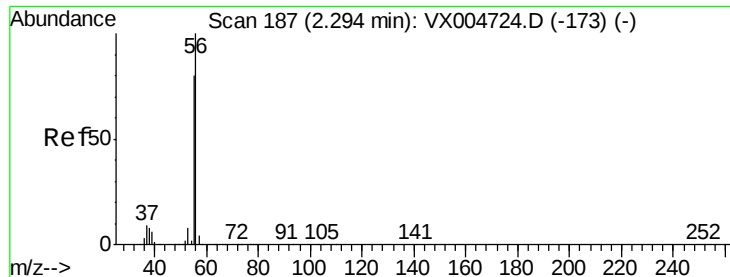
Tot Ion: 59 Resp: 245795
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 53.324 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion: 96 Resp: 128517
Ion Ratio Lower Upper
96 100
61 165.8 128.8 193.2
98 63.8 52.2 78.2





#13

Acrolein

Concen: 160.482 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

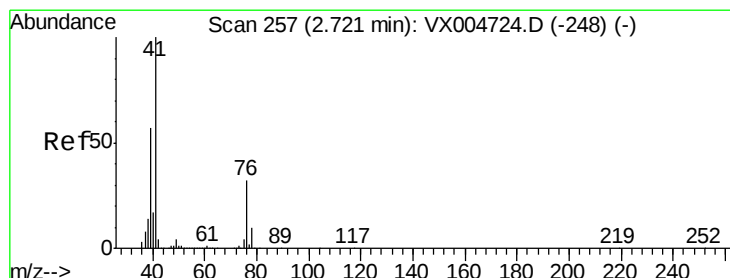
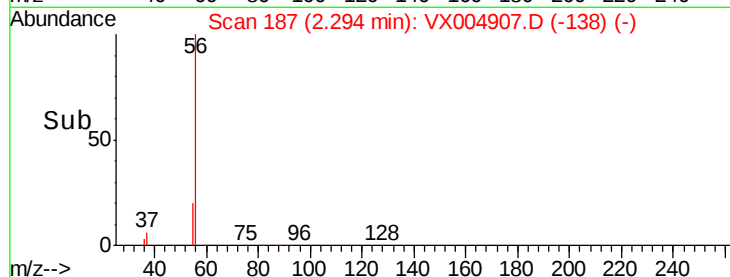
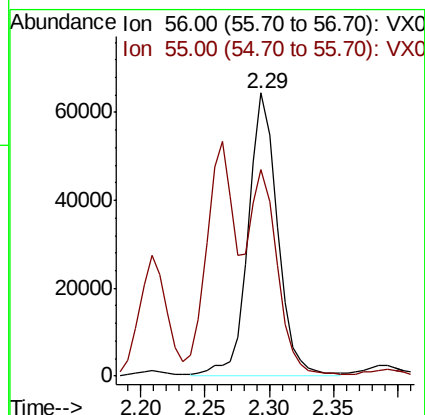
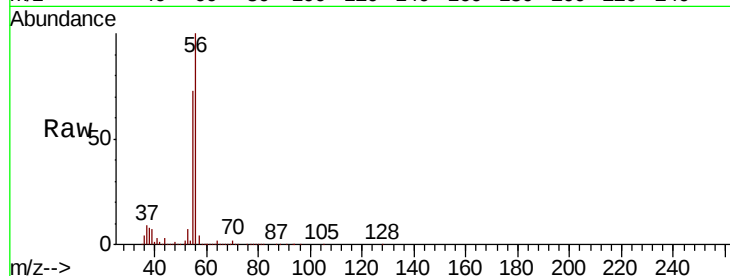
FA18-JMW-3202MSD

Tot Ion: 56 Resp: 101443

Ion Ratio Lower Upper

56 100

55 61.6 54.7 82.1



#14

Allyl chloride

Concen: 53.102 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

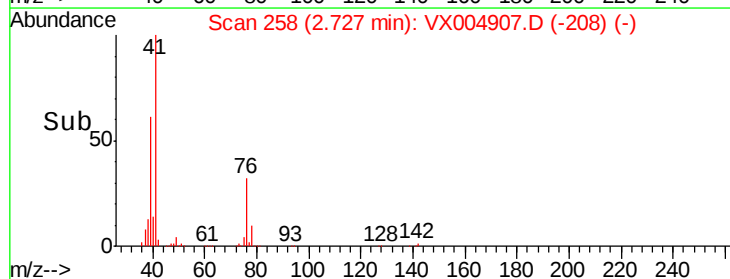
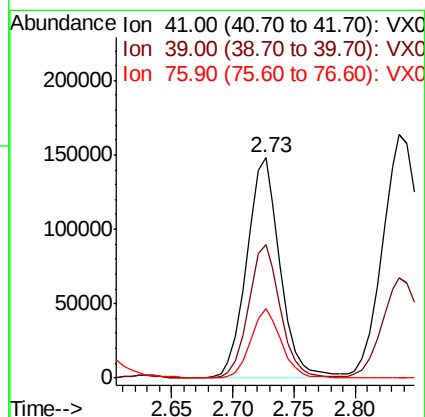
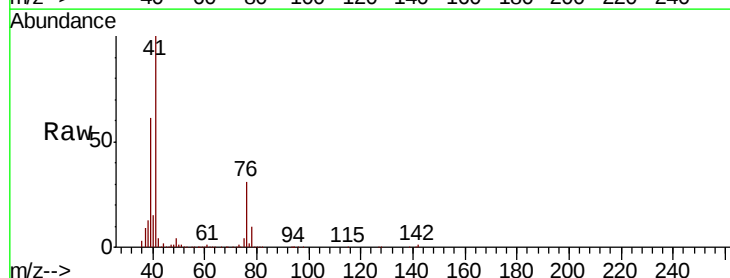
Tgt Ion: 41 Resp: 279244

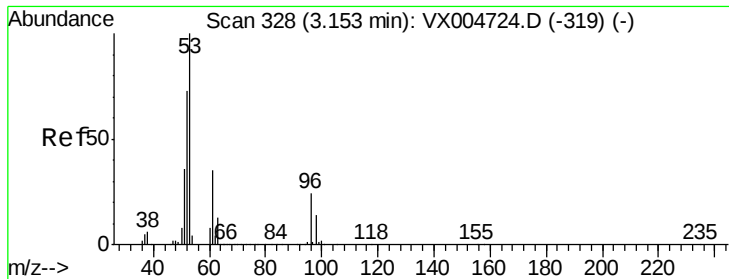
Ion Ratio Lower Upper

41 100

39 58.1 48.9 73.3

76 28.8 26.7 40.1





#15

Acrylonitrile

Concen: 279.117 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

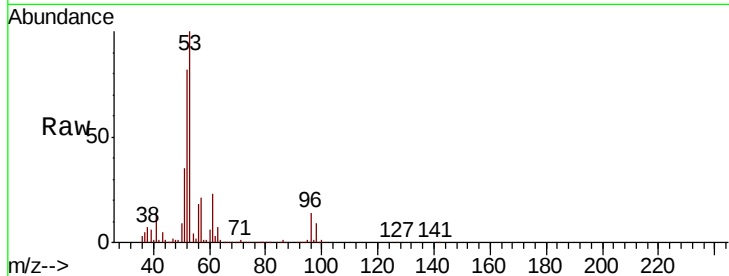
Tot Ion: 53 Resp: 545891

Ion Ratio Lower Upper

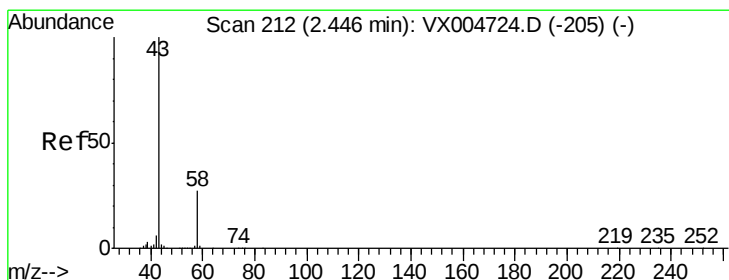
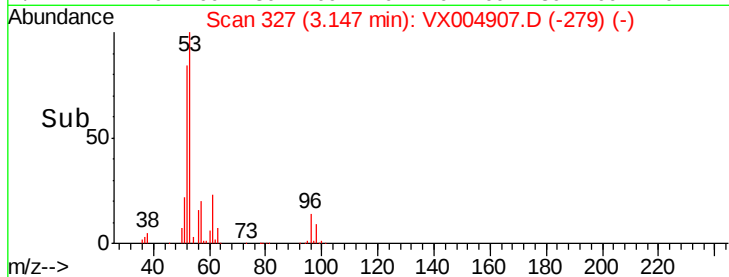
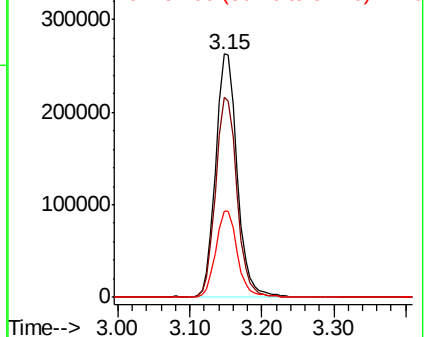
53 100

52 81.4 65.2 97.8

51 35.7 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: 260.535 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004907.D

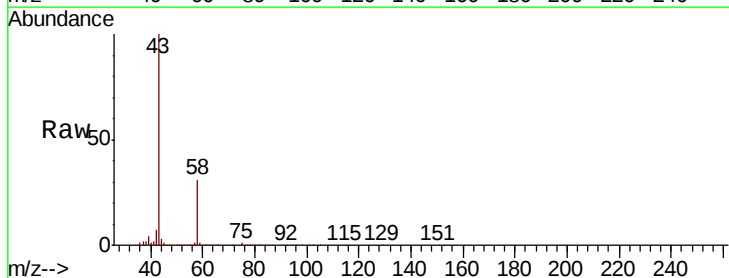
Acq: 02 Oct 2018 08:24

Tgt Ion: 43 Resp: 483299

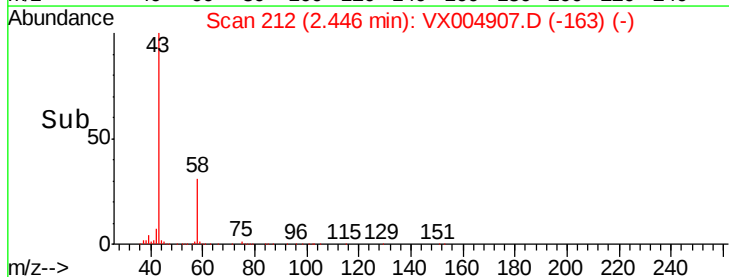
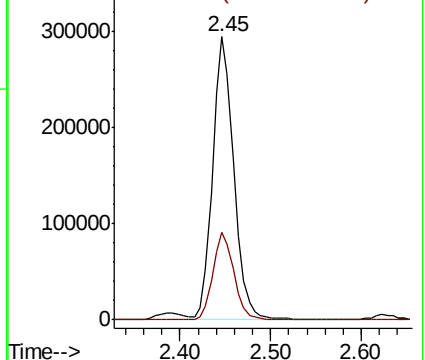
Ion Ratio Lower Upper

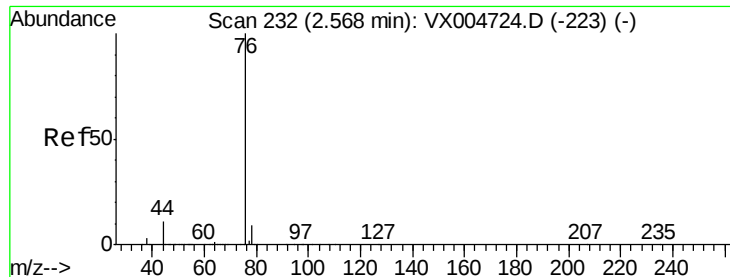
43 100

58 30.7 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: 51.357 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

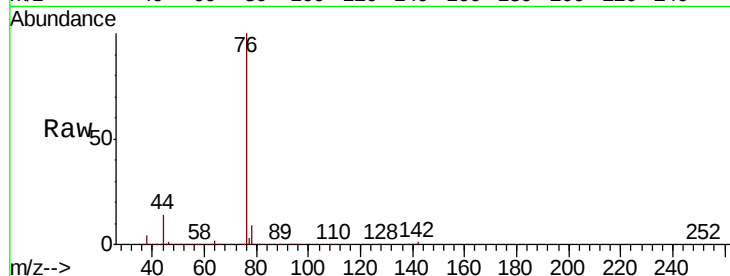
FA18-JMW-3202MSD

Tot Ion: 76 Resp: 371930

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

150000

100000

50000

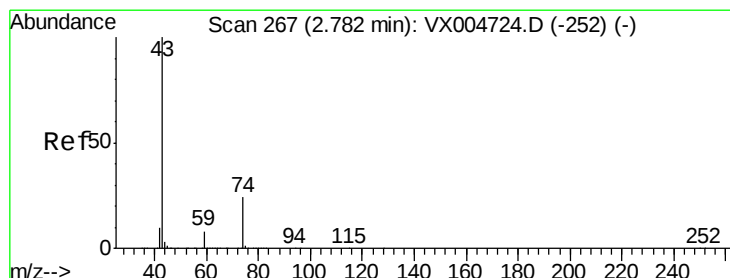
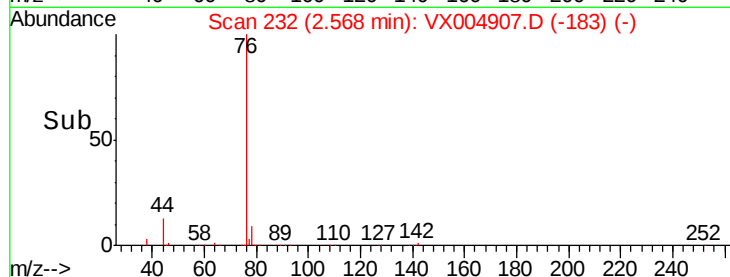
0

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 55.683 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004907.D

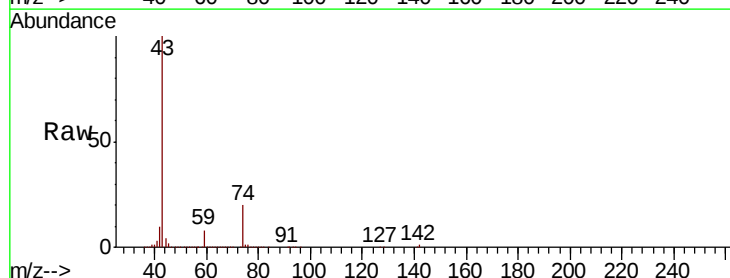
Acq: 02 Oct 2018 08:24

Tgt Ion: 43 Resp: 261707

Ion Ratio Lower Upper

43 100

74 21.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

500000

400000

300000

200000

100000

0

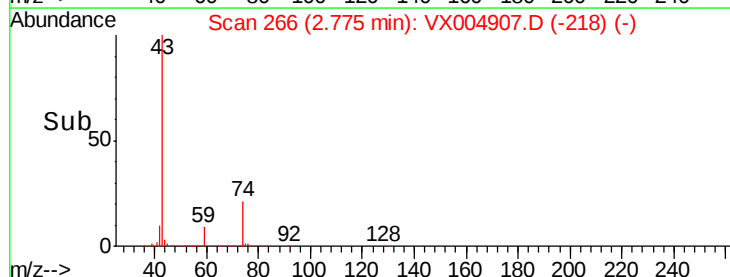
2.65

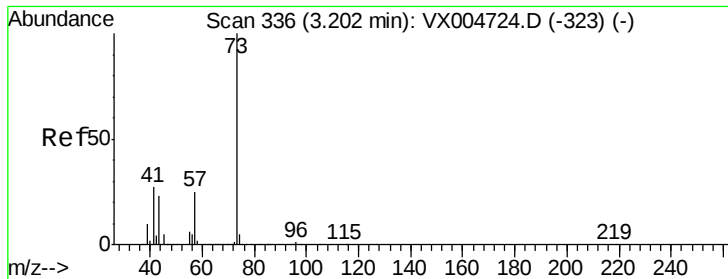
2.70

2.75

2.80

Time-->

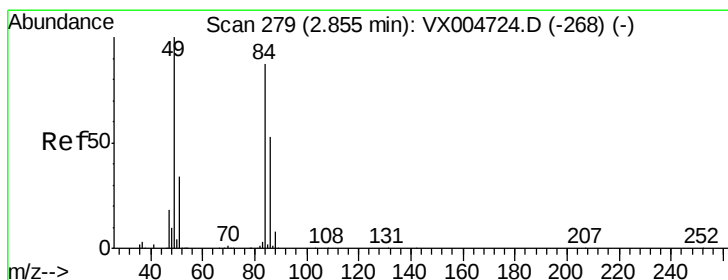
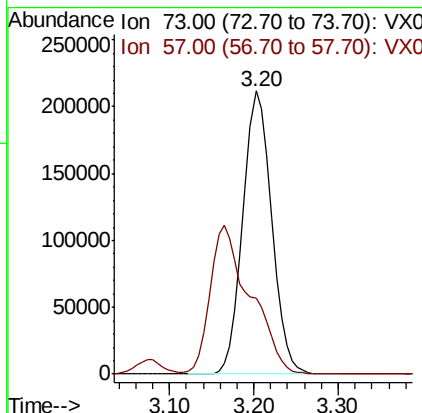
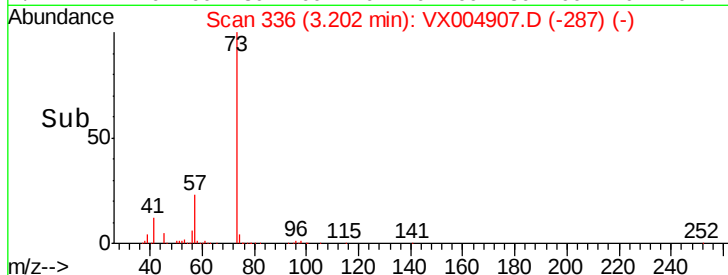
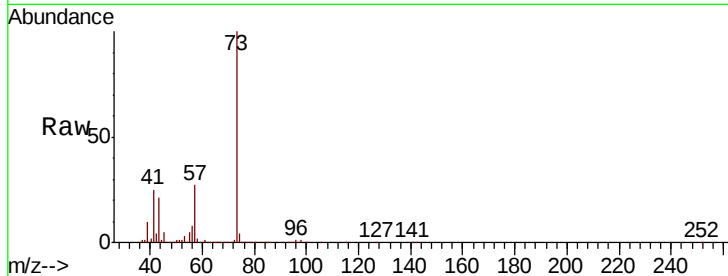




#19
Methvl tert-butvl Ether
Concen: 58.970 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

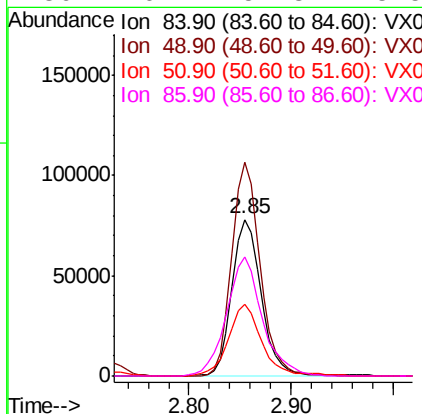
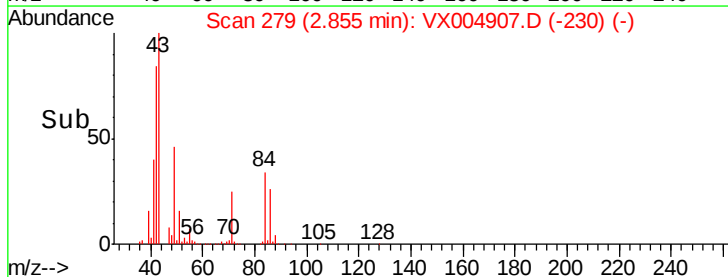
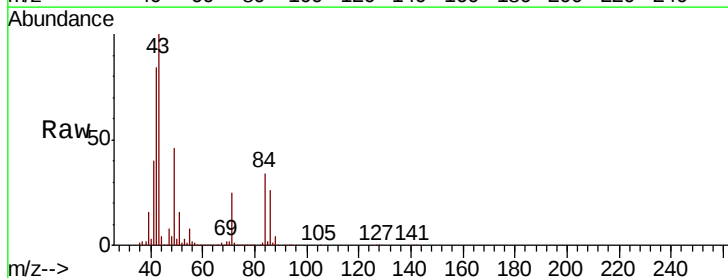
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

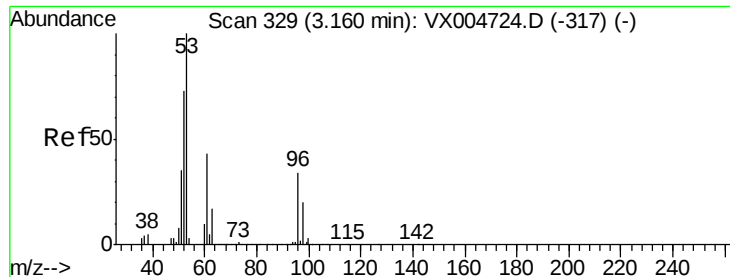
Tot Ion: 73 Resp: 490228
Ion Ratio Lower Upper
73 100
57 26.6 17.1 25.7#



#20
Methylene Chloride
Concen: 57.435 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion: 84 Resp: 154573
Ion Ratio Lower Upper
84 100
49 136.4 101.2 151.8
51 45.6 29.5 44.3#
86 76.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 53.104 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

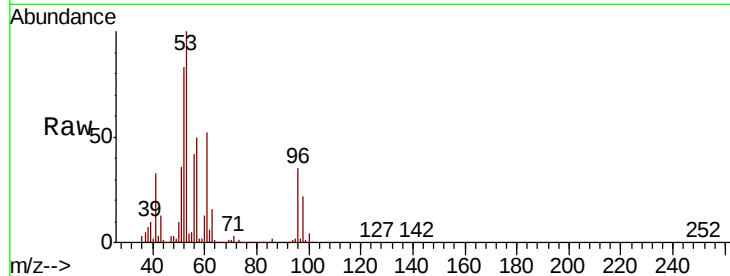
Tot Ion: 96 Resp: 140103

Ion Ratio Lower Upper

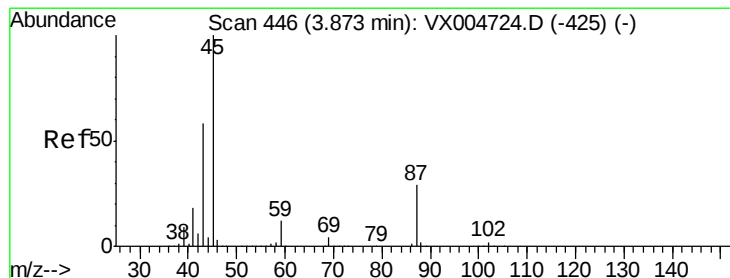
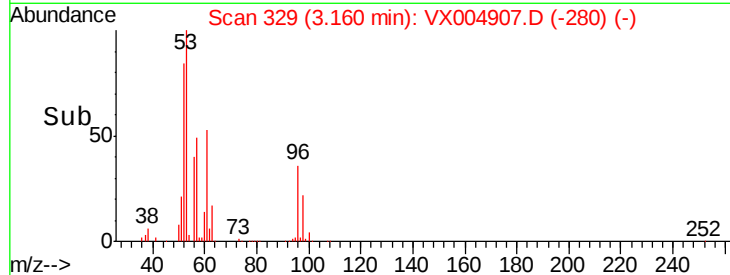
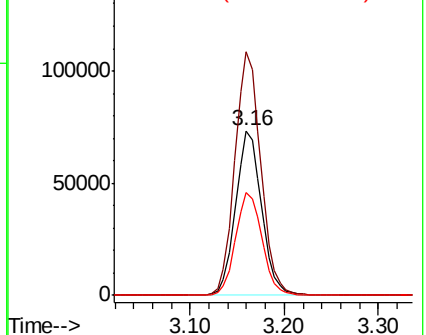
96 100

61 147.8 113.8 170.6

98 62.2 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: 57.126 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Tgt Ion: 45 Resp: 505850

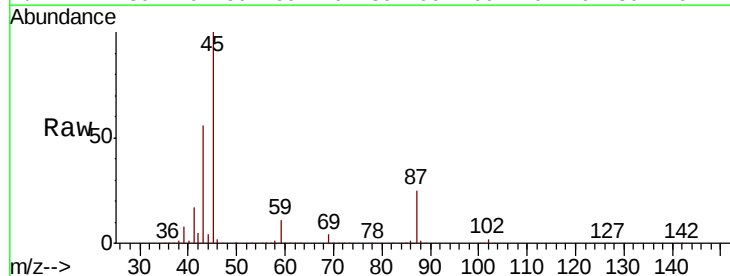
Ion Ratio Lower Upper

45 100

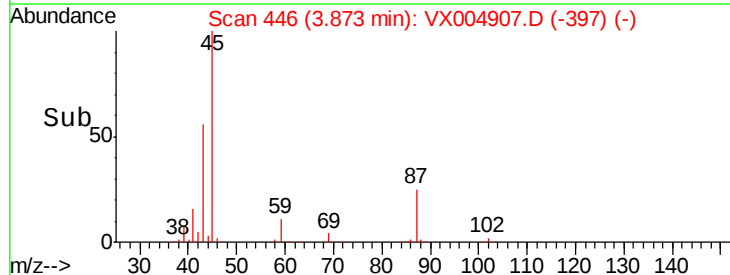
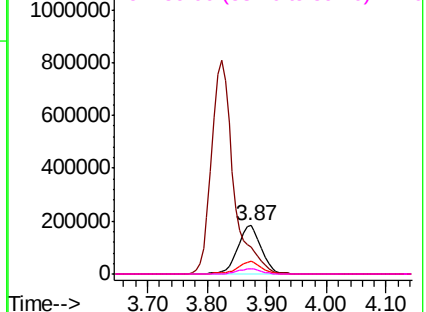
43 55.8 42.8 64.2

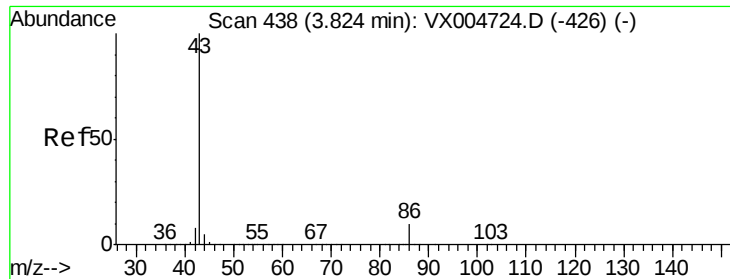
87 25.4 22.6 34.0

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: 255.073 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

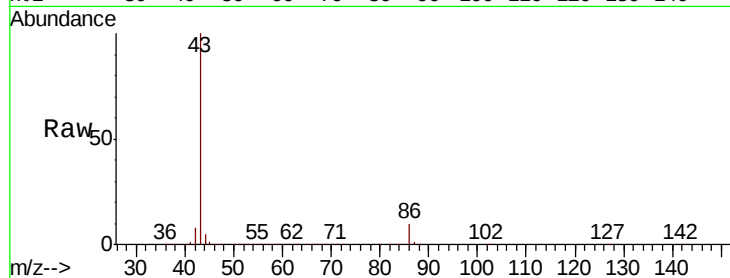
FA18-JMW-3202MSD

Tot Ion: 43 Resp: 2067505

Ion Ratio Lower Upper

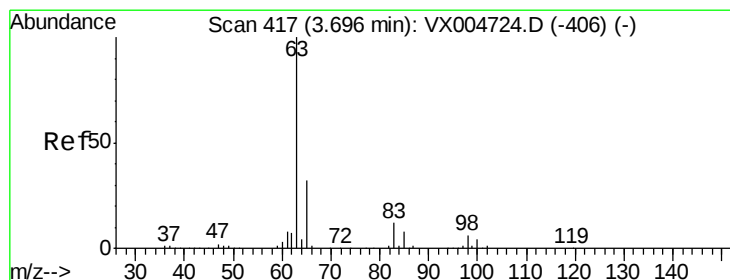
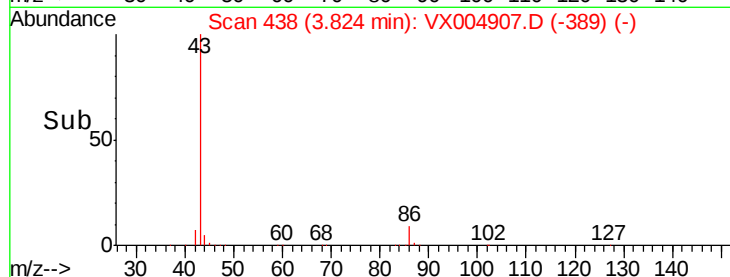
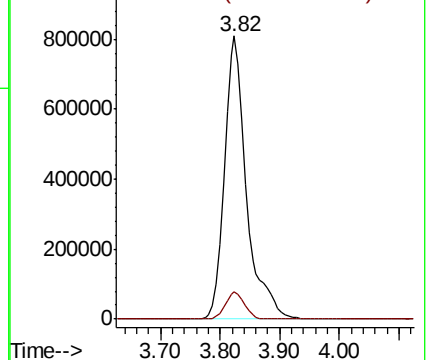
43 100

86 9.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.477 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

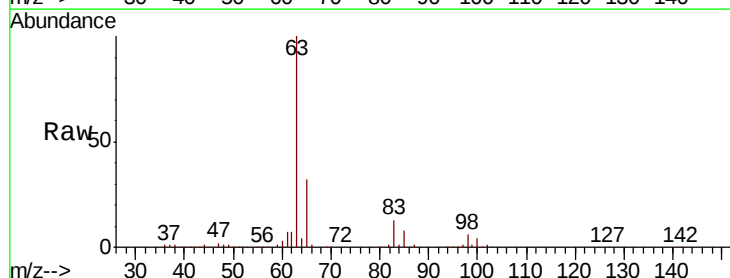
Tgt Ion: 63 Resp: 271907

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

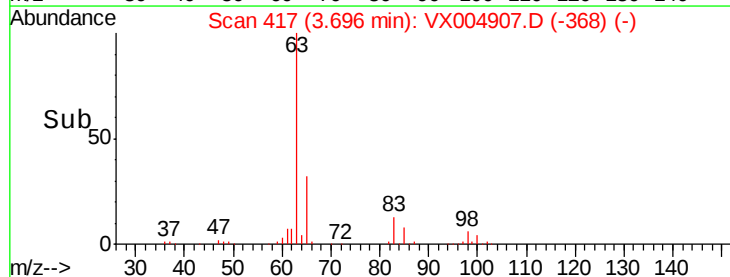
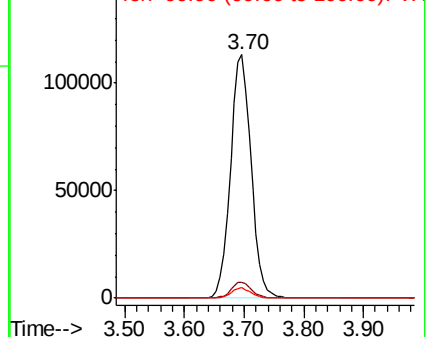
100 4.3 2.4 7.1

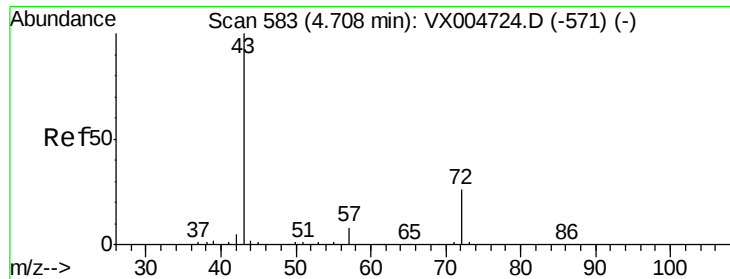


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.383 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

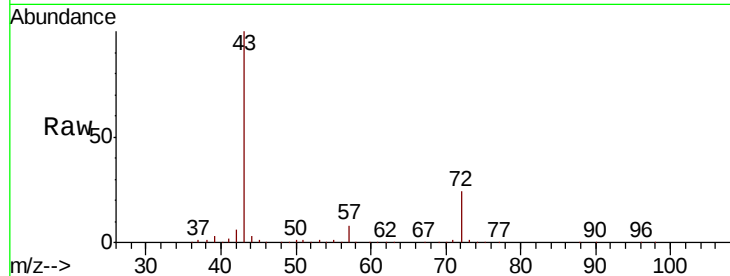
FA18-JMW-3202MSD

Tot Ion: 43 Resp: 728390

Ion Ratio Lower Upper

43 100

72 24.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

250000

200000

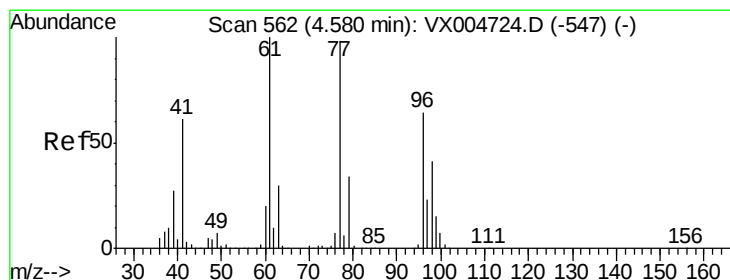
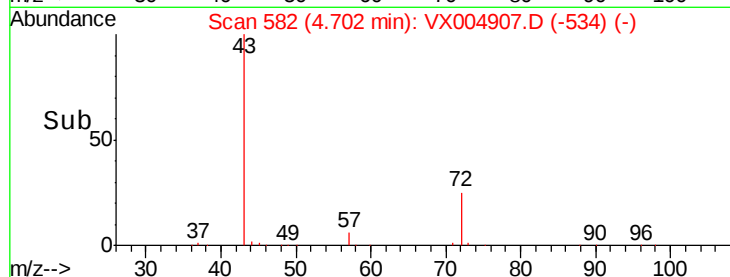
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 31.457 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004907.D

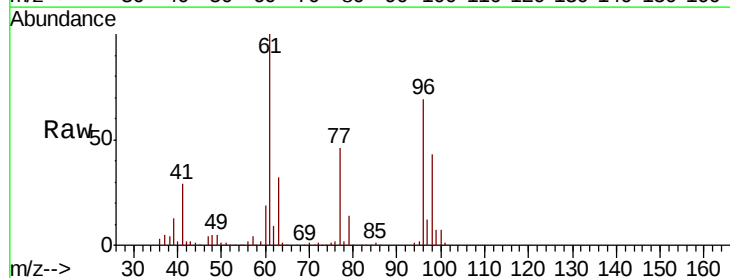
Acq: 02 Oct 2018 08:24

Tgt Ion: 77 Resp: 115708

Ion Ratio Lower Upper

77 100

97 28.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

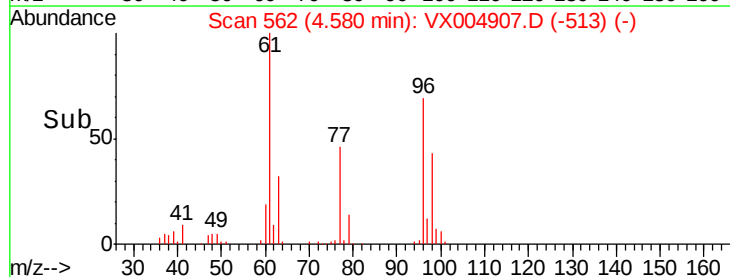
30000

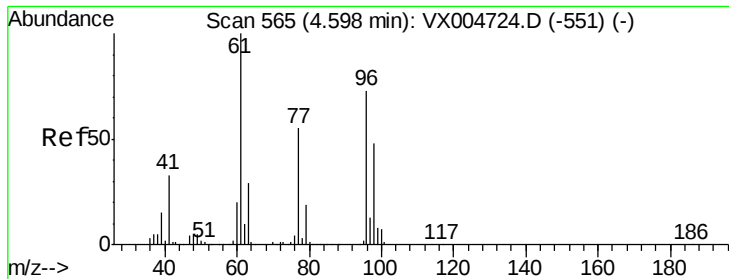
20000

10000

0

Time-->



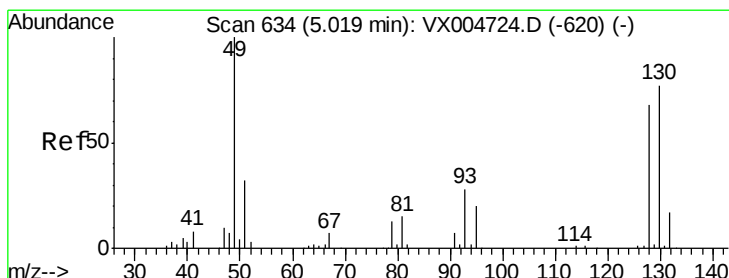
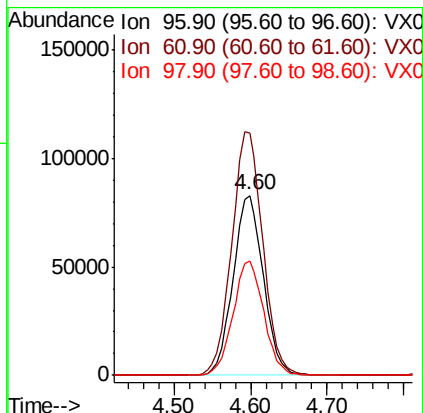
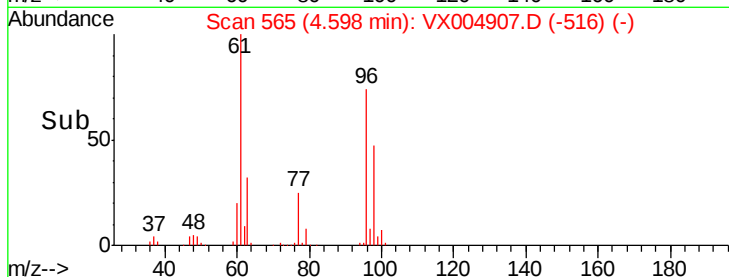
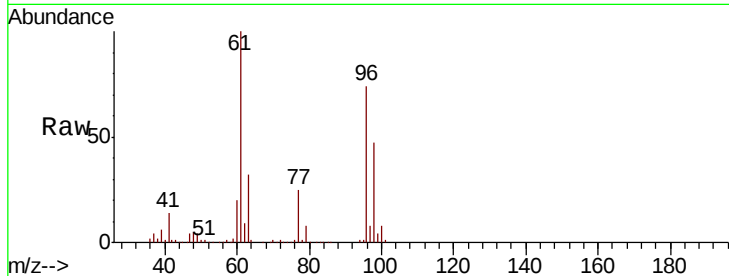


#27

cis-1,2-Dichloroethene
Concen: 77.094 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

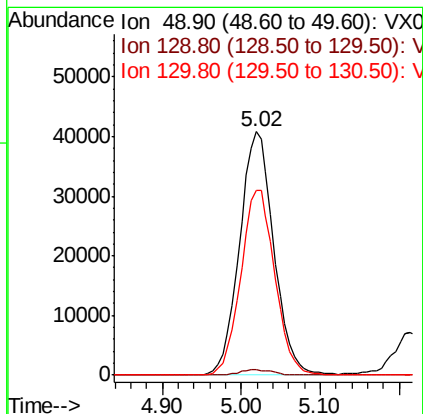
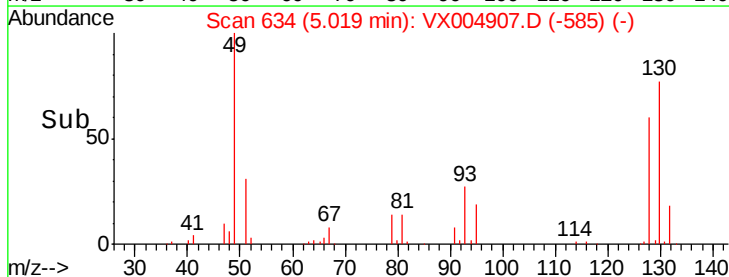
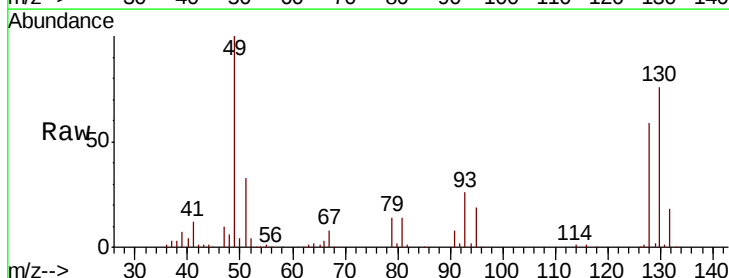
Tot Ion: 96 Resp: 227220
Ion Ratio Lower Upper
96 100
61 138.8 0.0 282.6
98 64.4 0.0 130.2

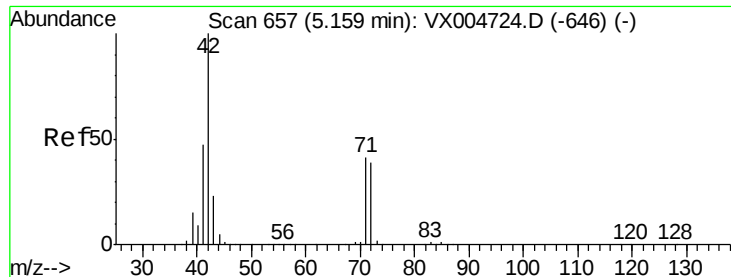


#28

Bromochloromethane
Concen: 49.442 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion: 49 Resp: 122984
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 75.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 282.141 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

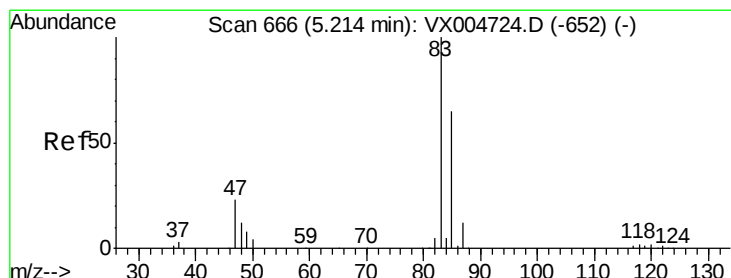
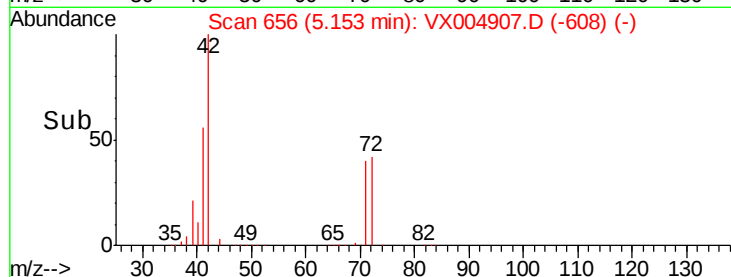
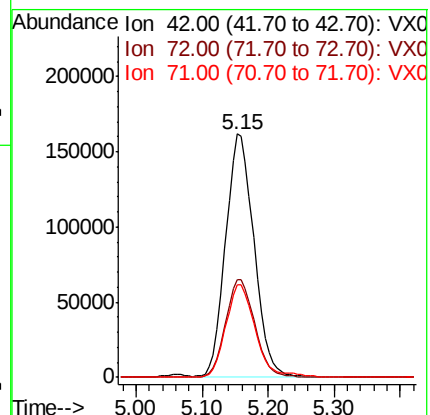
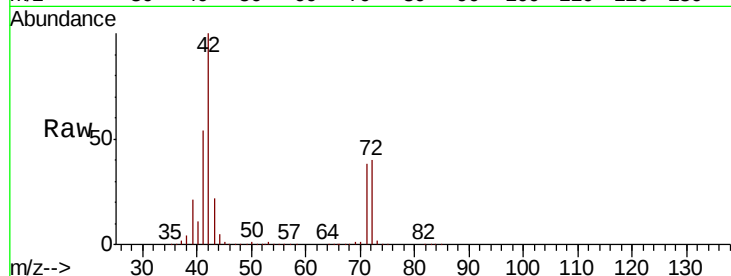
Tot Ion: 42 Resp: 479500

Ion Ratio Lower Upper

42 100

72 41.3 37.4 56.0

71 39.9 34.5 51.7



#30

Chloroform

Concen: 52.511 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004907.D

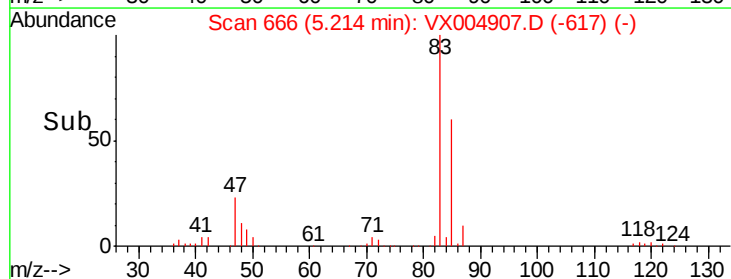
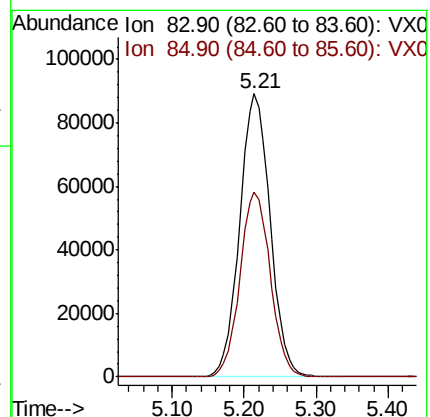
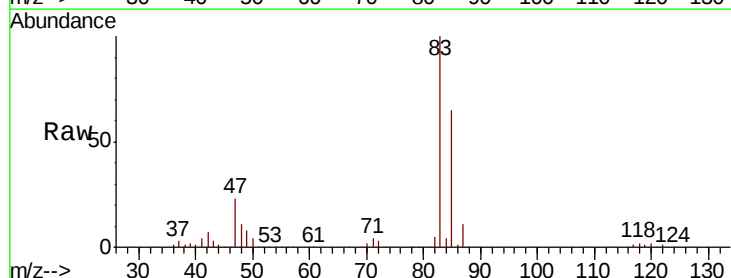
Acq: 02 Oct 2018 08:24

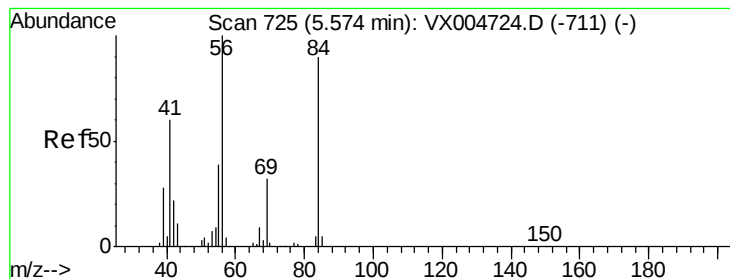
Tgt Ion: 83 Resp: 262144

Ion Ratio Lower Upper

83 100

85 65.4 52.6 79.0





#31

Cyclohexane

Concen: 146.779 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

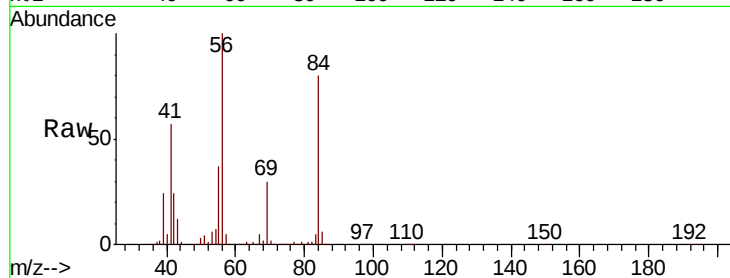
Tot Ion: 56 Resp: 593396

Ion Ratio Lower Upper

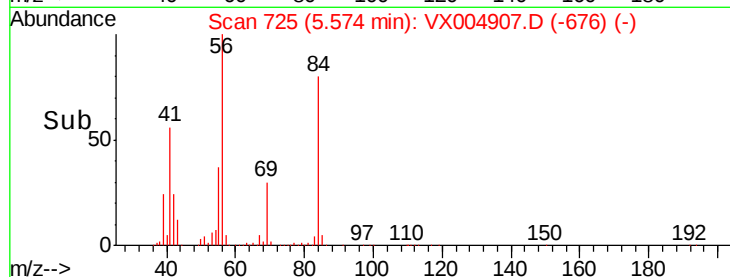
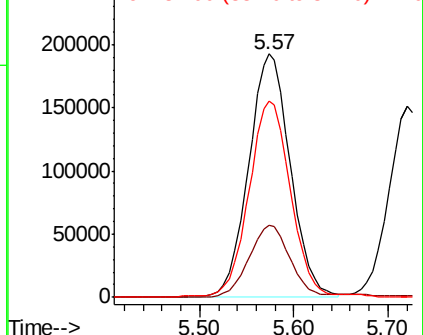
56 100

69 29.5 25.4 38.2

84 79.9 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: 54.315 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

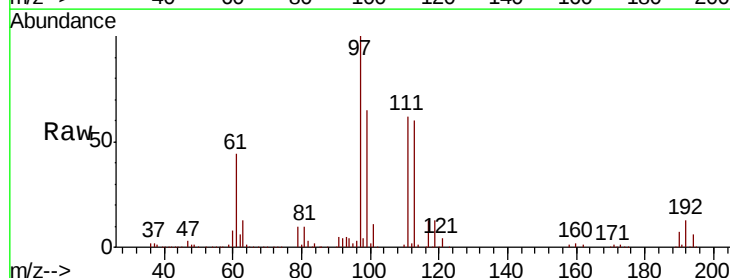
Tgt Ion: 97 Resp: 221441

Ion Ratio Lower Upper

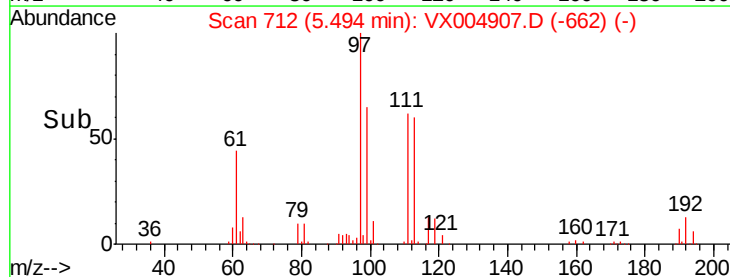
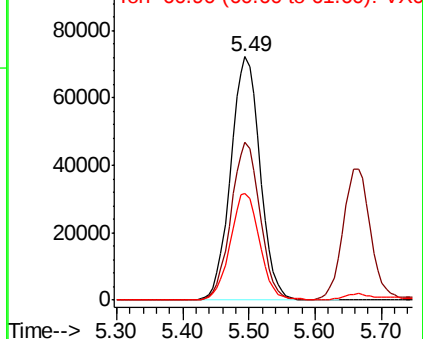
97 100

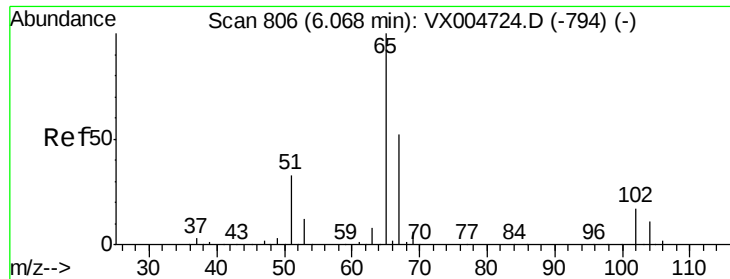
99 64.4 52.0 78.0

61 44.2 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: 51.376 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

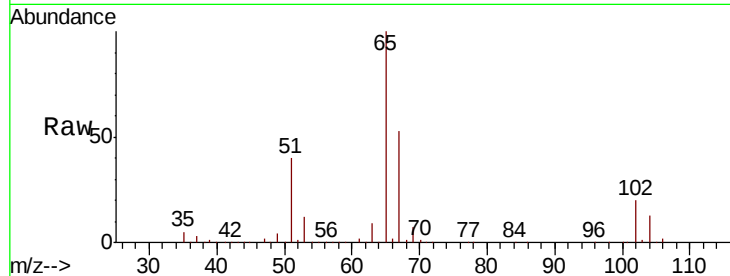
FA18-JMW-3202MSD

Tot Ion: 65 Resp: 163242

Ion Ratio Lower Upper

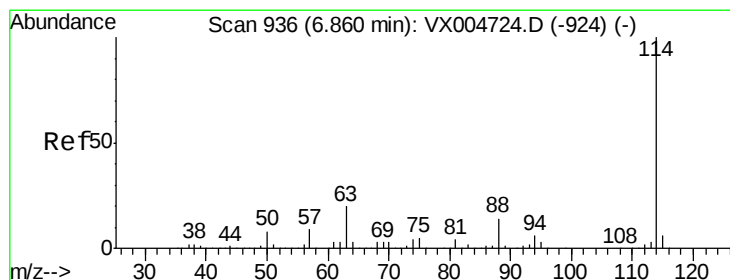
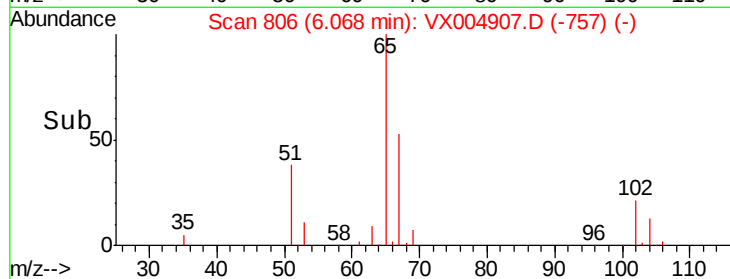
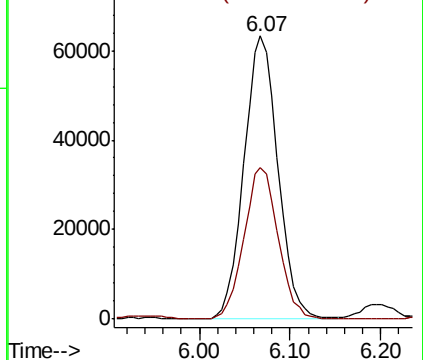
65 100

67 54.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

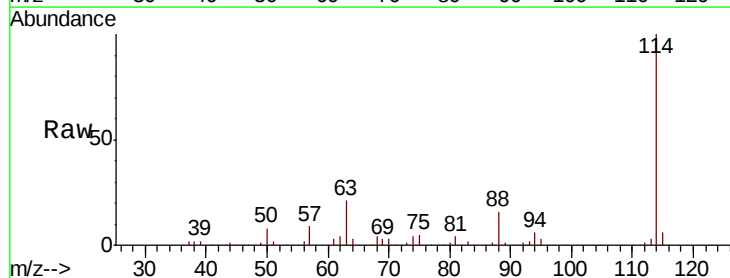
Tgt Ion: 114 Resp: 348119

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.0

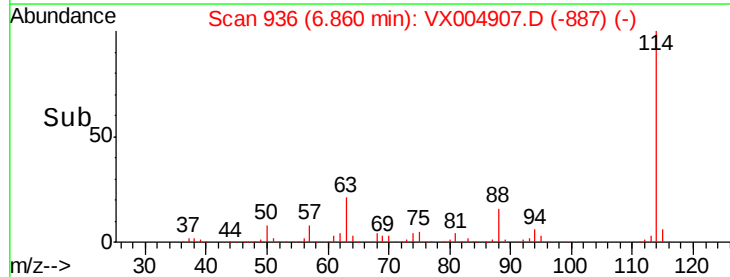
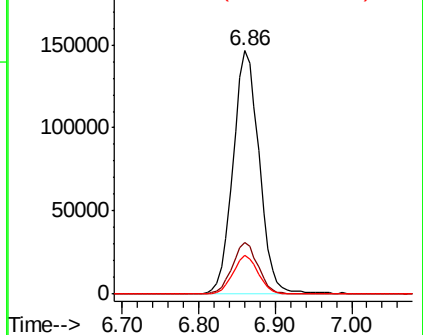
88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.330 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

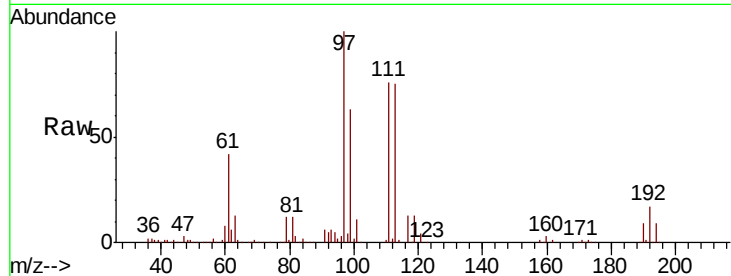
Tot Ion:113 Resp: 133739

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

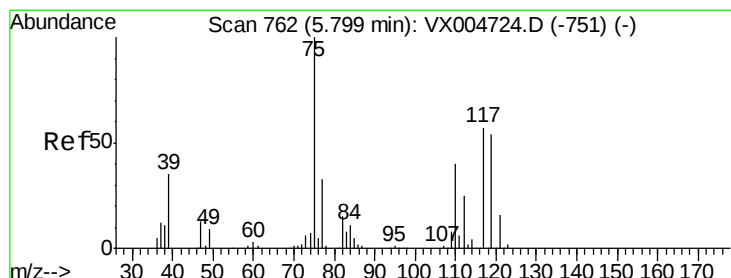
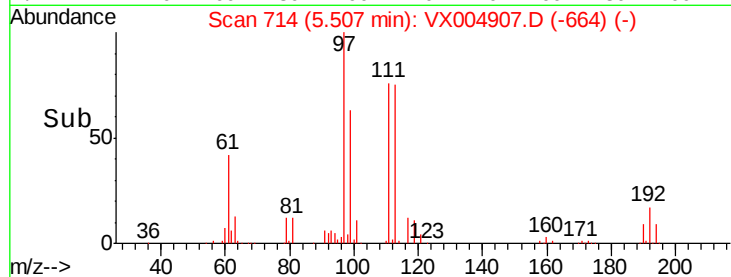
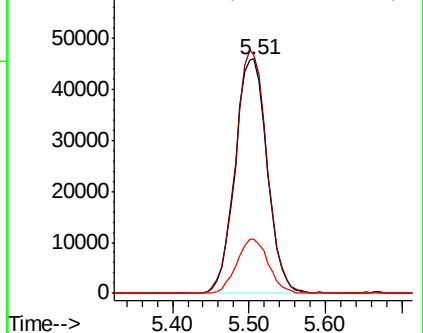
192 23.0 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.830 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

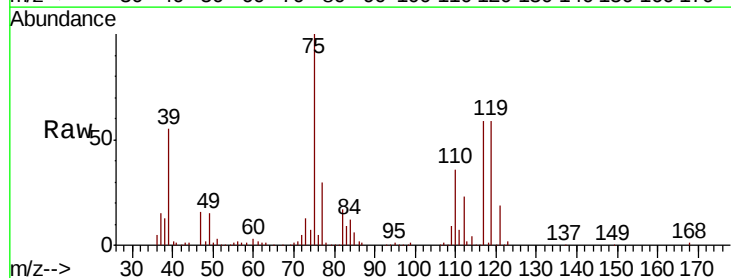
Tgt Ion: 75 Resp: 192533

Ion Ratio Lower Upper

75 100

110 35.8 18.0 54.0

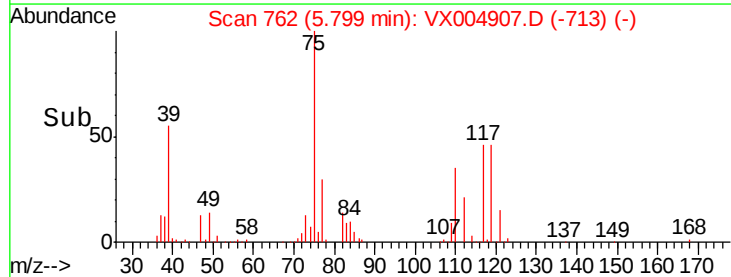
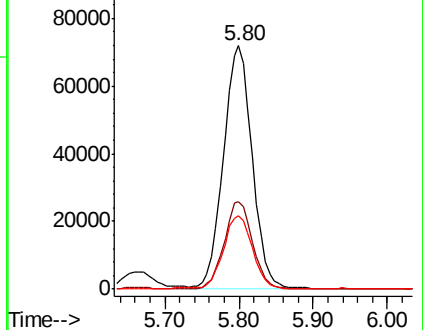
77 30.3 24.6 36.8

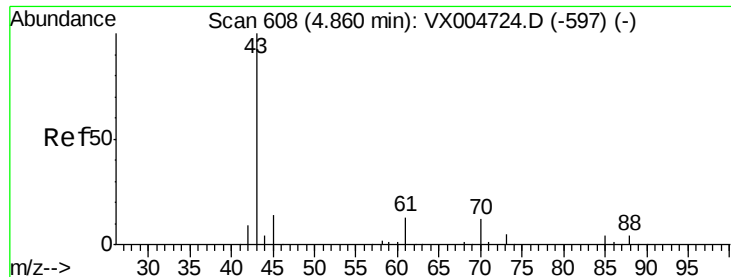


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

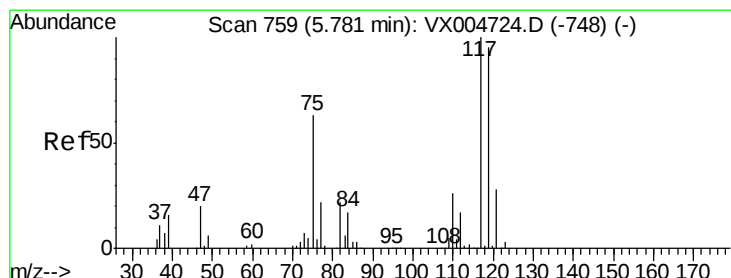
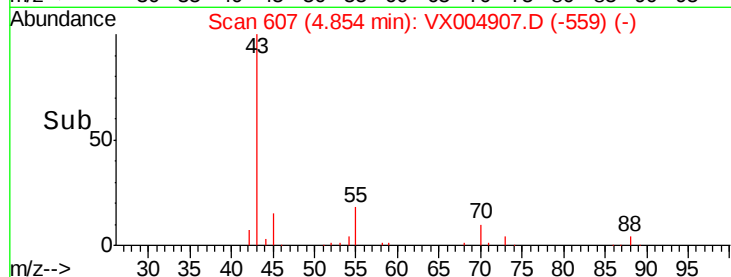
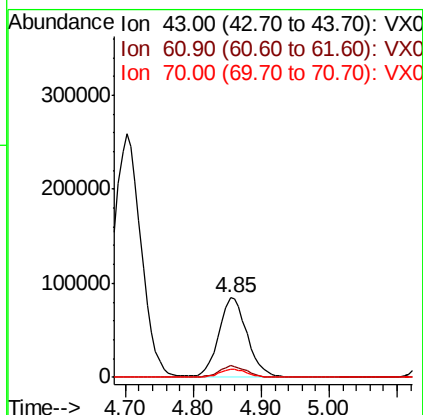
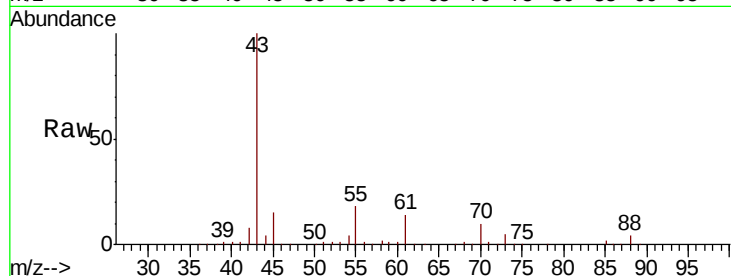




#37
Ethyl Acetate
Concen: 45.835 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

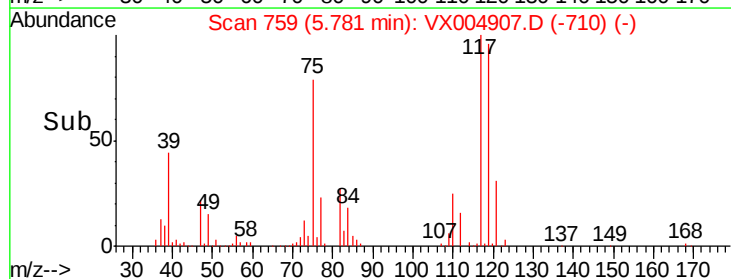
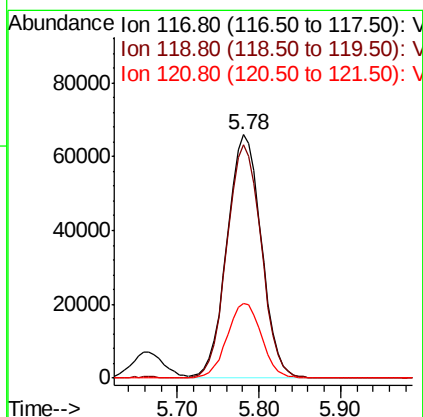
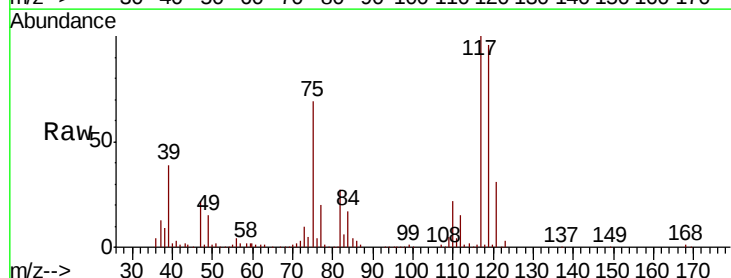
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

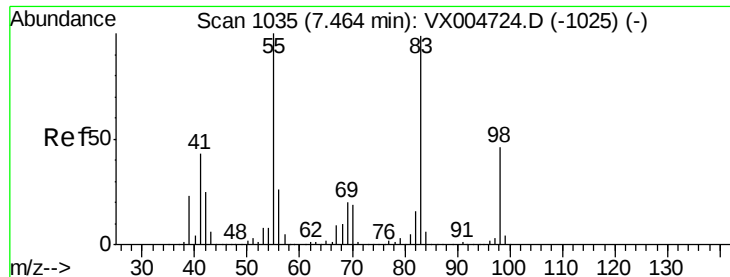
Tot Ion: 43 Resp: 244912
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 10.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 45.420 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion: 117 Resp: 192189
Ion Ratio Lower Upper
117 100
119 95.9 78.8 118.2
121 30.9 24.9 37.3

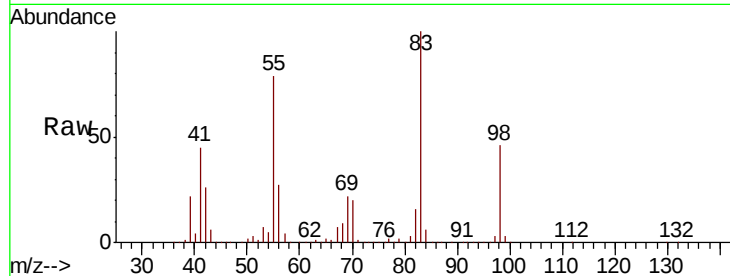




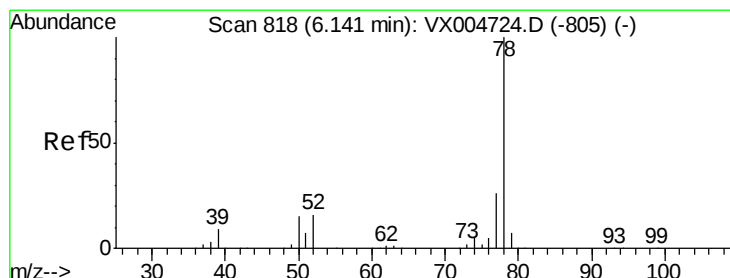
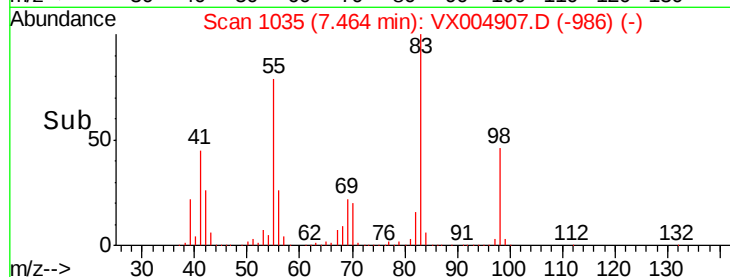
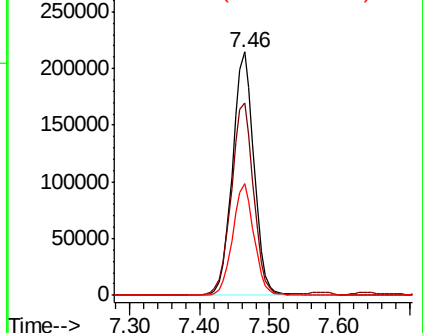
#39
Methvlcvclohexane
Concen: 111.903 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

Tot Ion: 83 Resp: 459960
Ion Ratio Lower Upper
83 100
55 79.0 61.0 91.4
98 45.7 39.6 59.4

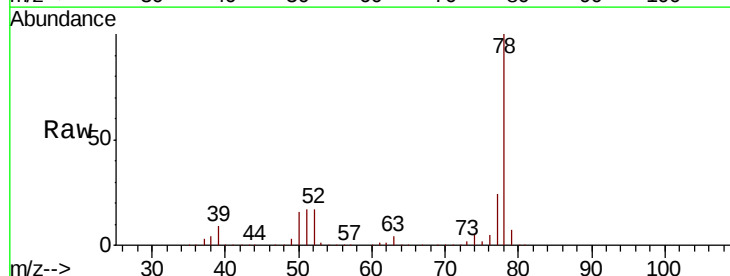


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

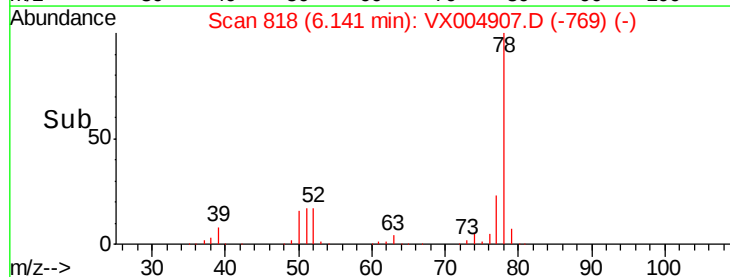
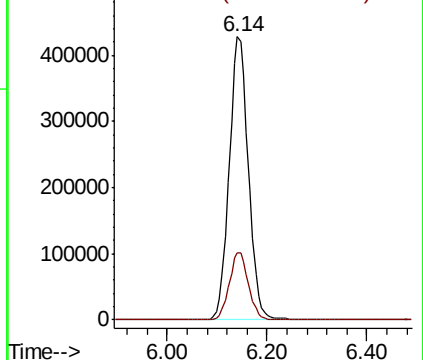


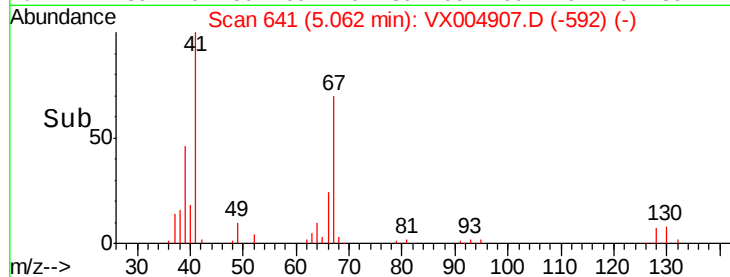
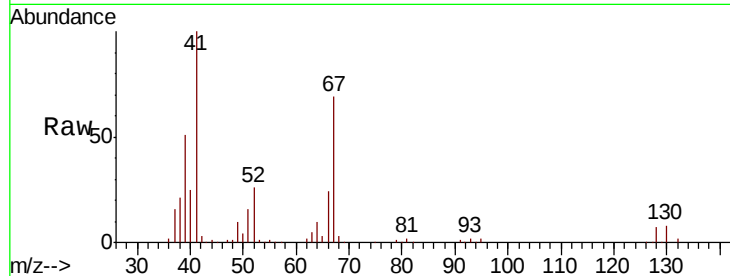
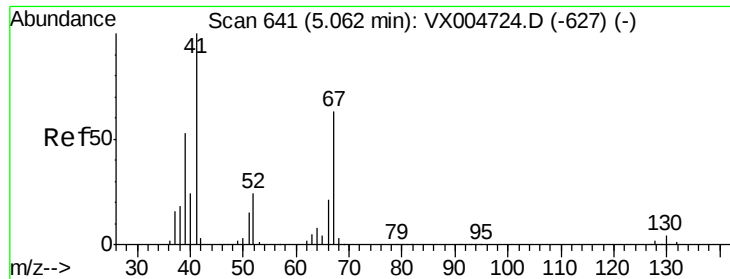
#40
Benzene
Concen: 90.843 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion: 78 Resp: 1144827
Ion Ratio Lower Upper
78 100
77 23.5 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: 49.528 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

Tot Ion: 41 Resp: 146764

Ion Ratio Lower Upper

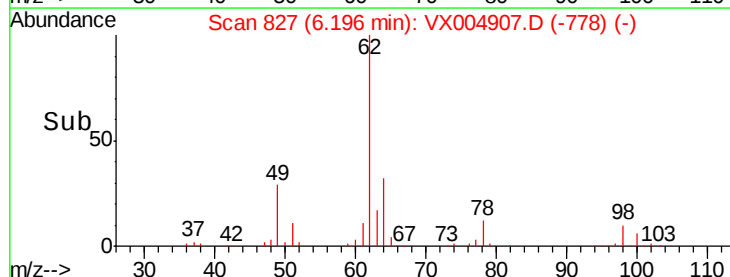
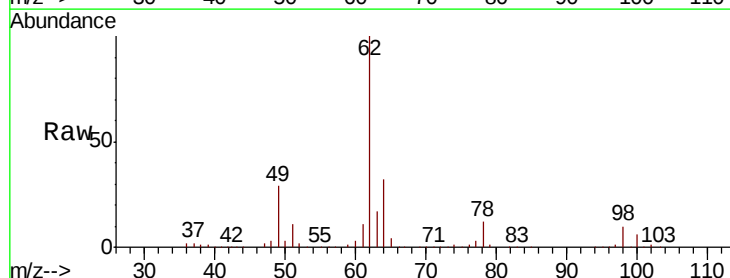
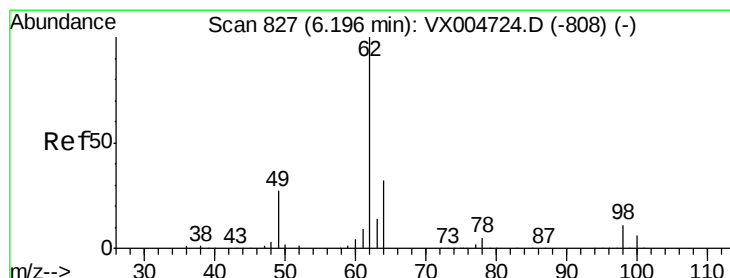
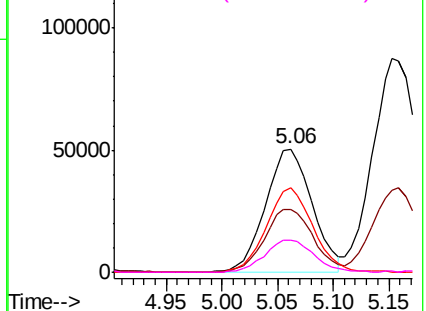
41 100

39 53.1 42.4 63.6

67 68.7 59.2 88.8

52 27.1 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: 48.528 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

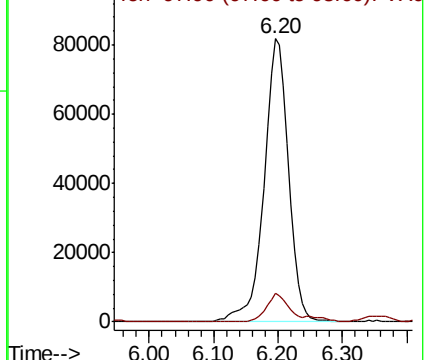
Tgt Ion: 62 Resp: 216191

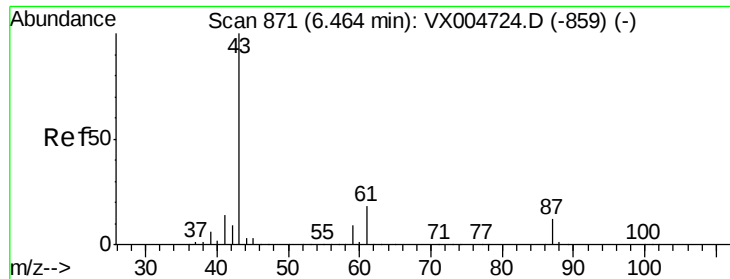
Ion Ratio Lower Upper

62 100

98 9.1 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: 50.991 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

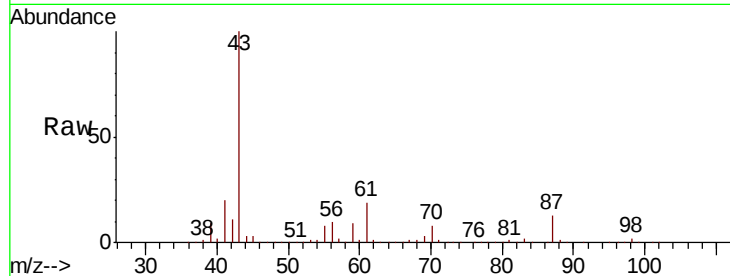
Tot Ion: 43 Resp: 393251

Ion Ratio Lower Upper

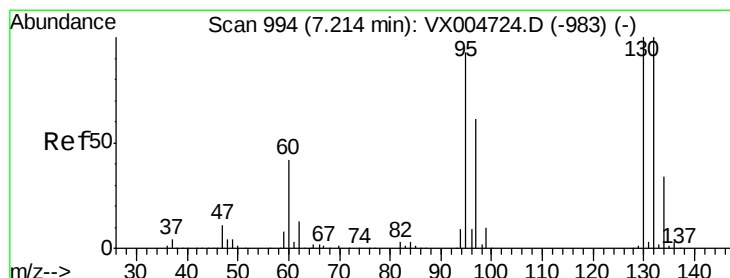
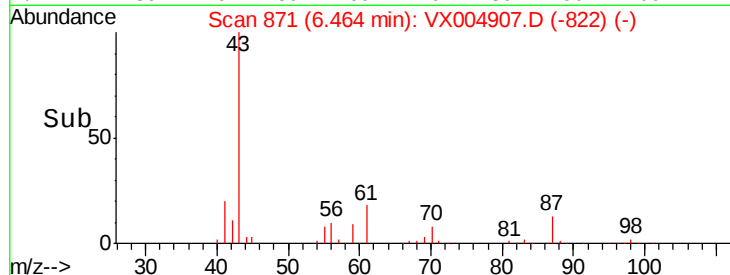
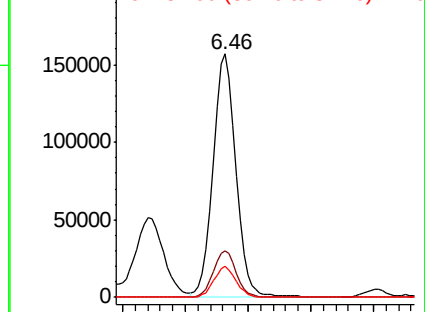
43 100

61 19.4 17.0 25.4

87 12.4 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: 50.500 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004907.D

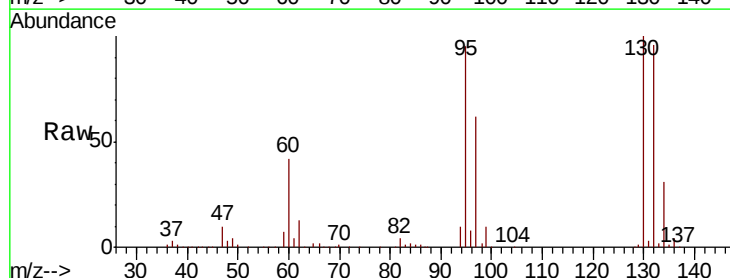
Acq: 02 Oct 2018 08:24

Tgt Ion:130 Resp: 156449

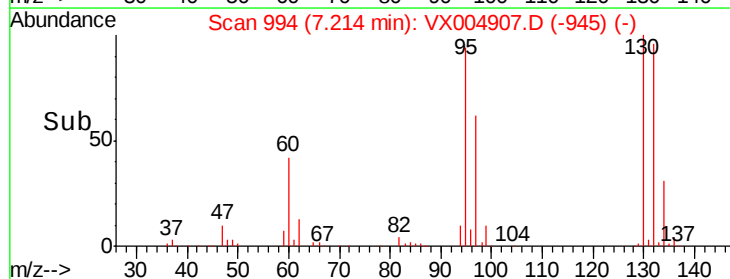
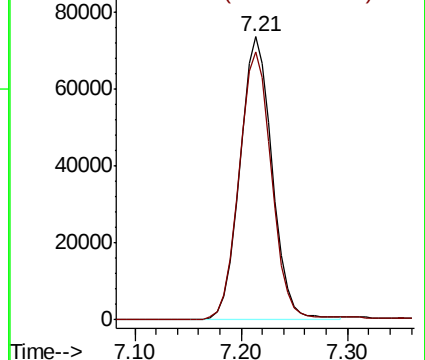
Ion Ratio Lower Upper

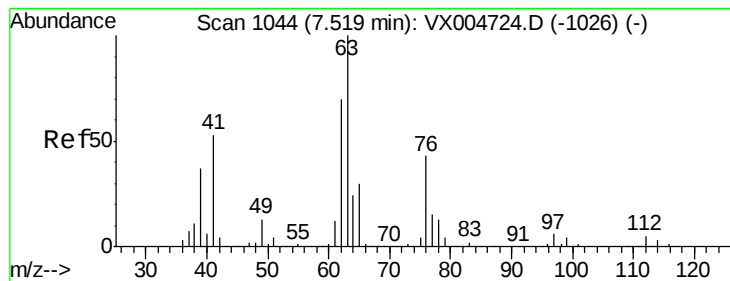
130 100

95 94.5 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: 53.423 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

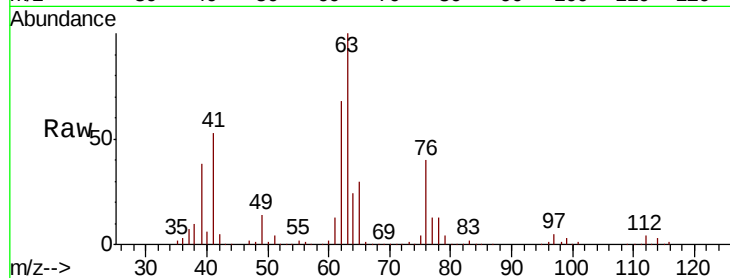
FA18-JMW-3202MSD

Tot Ion: 63 Resp: 165102

Ion Ratio Lower Upper

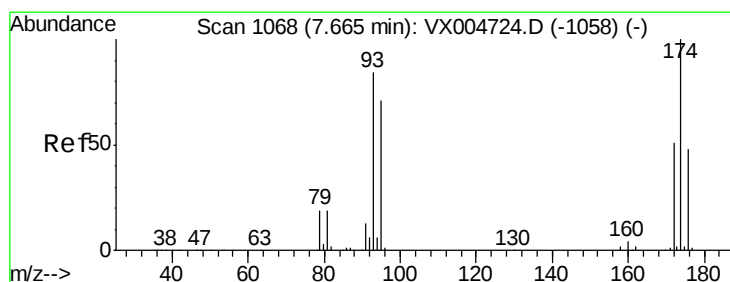
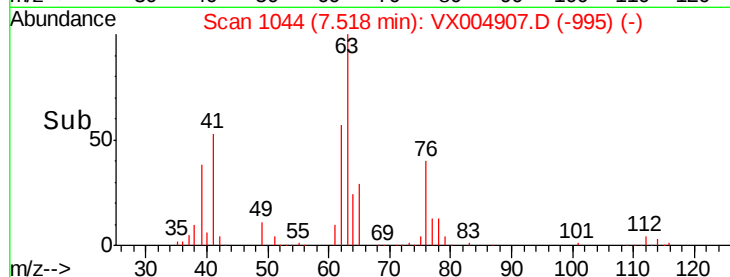
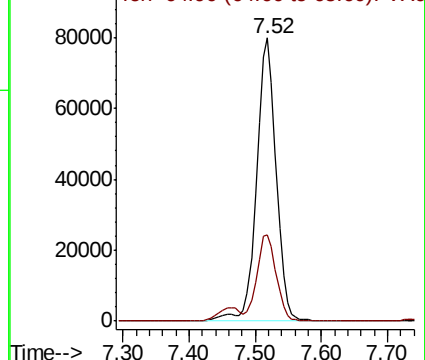
63 100

65 30.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.359 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

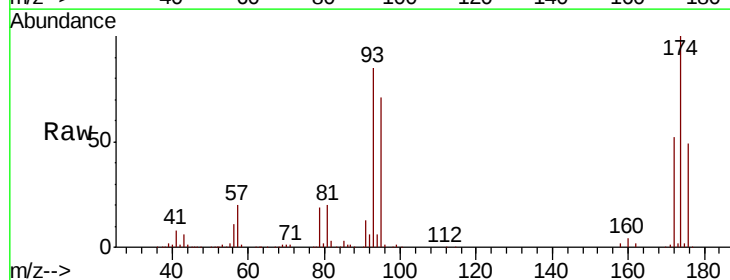
Tgt Ion: 93 Resp: 103636

Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

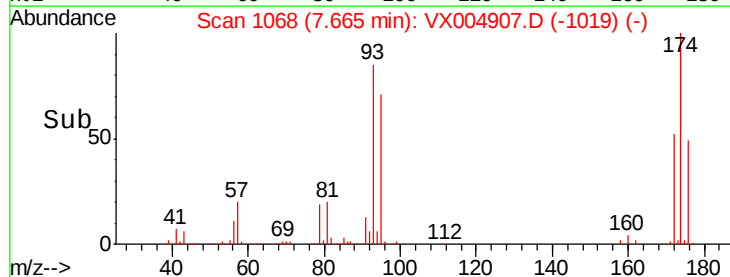
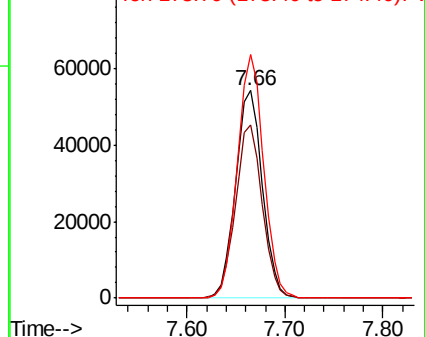
174 114.9 94.2 141.4

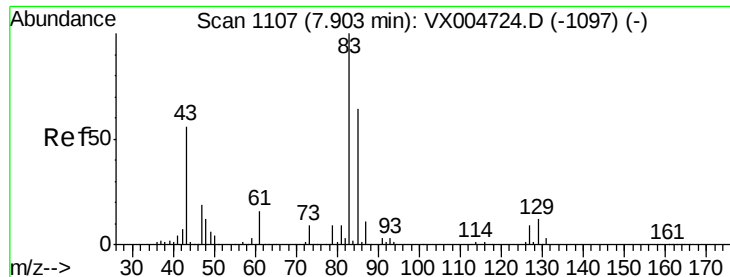


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.205 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

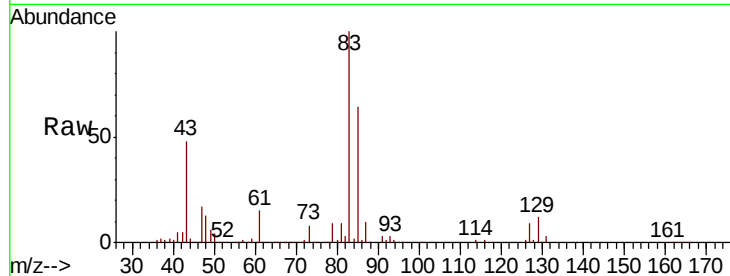
Tot Ion: 83 Resp: 197110

Ion Ratio Lower Upper

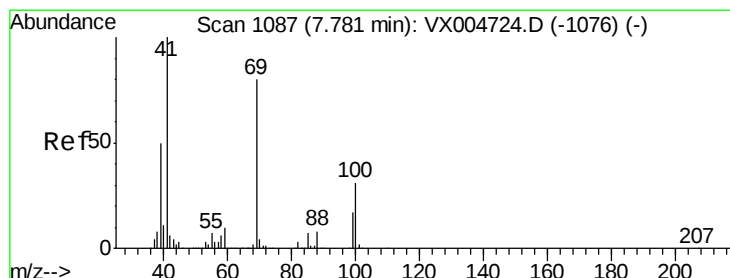
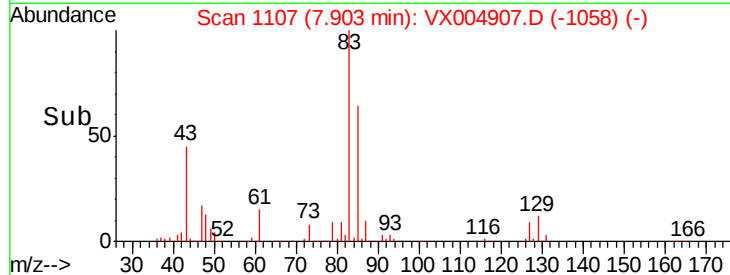
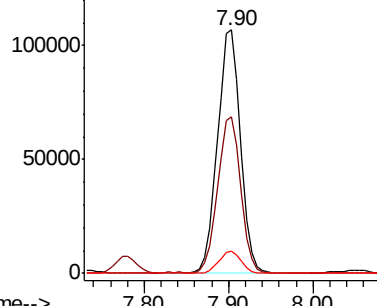
83 100

85 64.3 50.9 76.3

127 9.0 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: 60.335 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

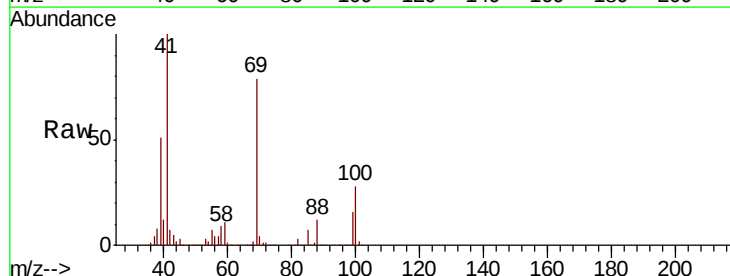
Tgt Ion: 41 Resp: 211200

Ion Ratio Lower Upper

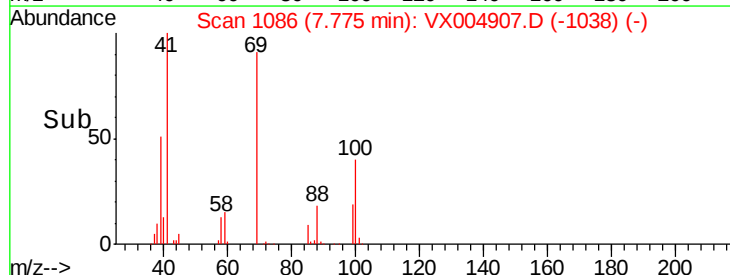
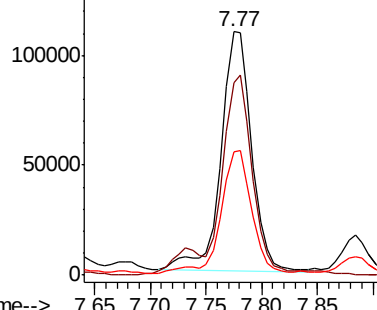
41 100

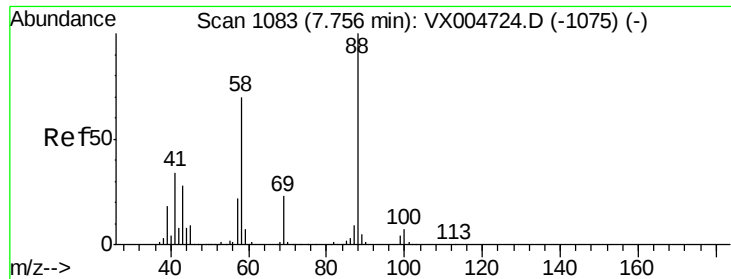
69 74.5 70.2 105.4

39 51.3 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

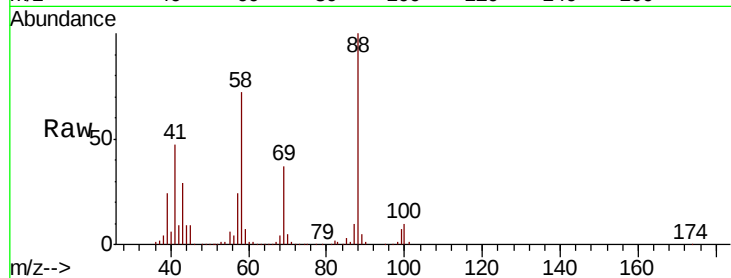




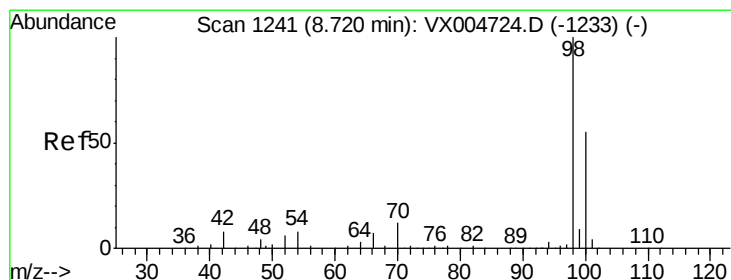
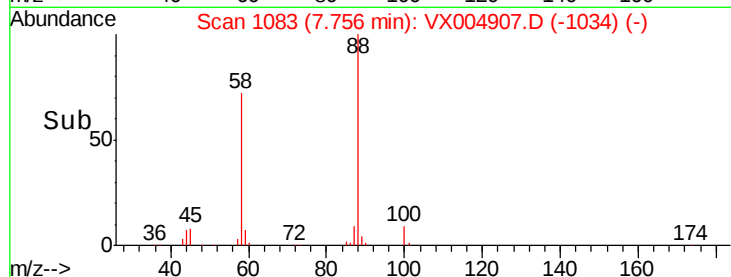
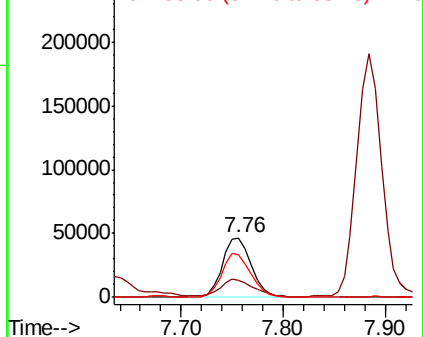
#49
1,4-Dioxane
Concen: 1054.765 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

Tot Ion: 88 Resp: 91728
Ion Ratio Lower Upper
88 100
43 33.4 24.7 37.1
58 74.5 55.3 82.9

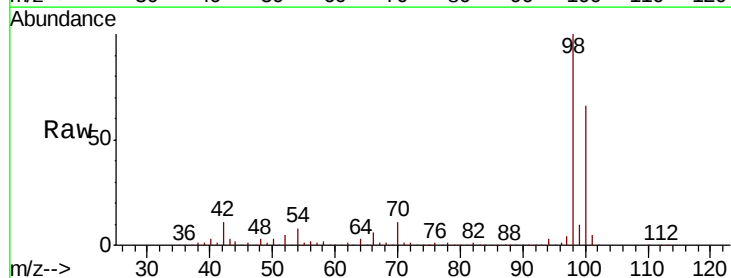


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

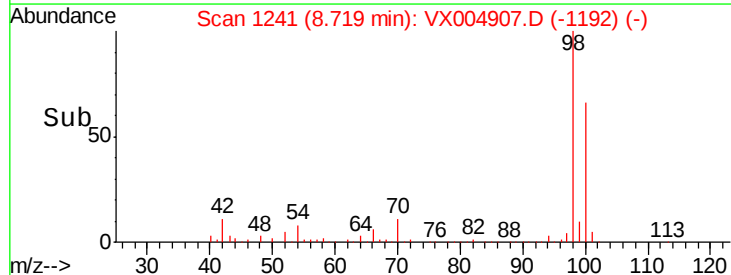
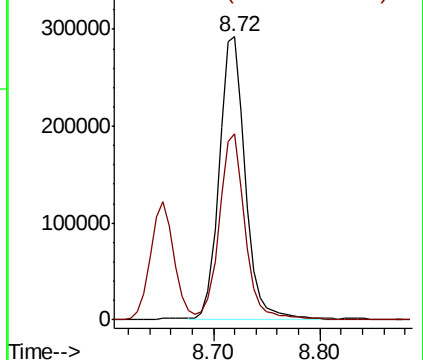


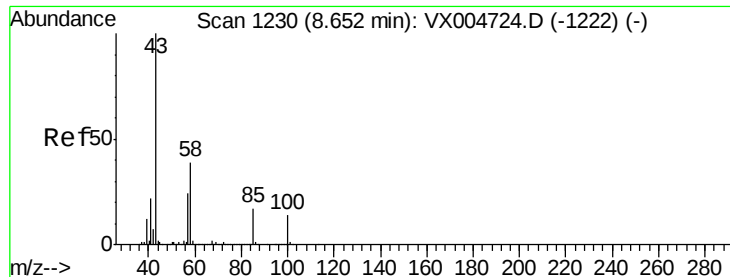
#50
Toluene-d8
Concen: 50.202 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion: 98 Resp: 492403
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



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

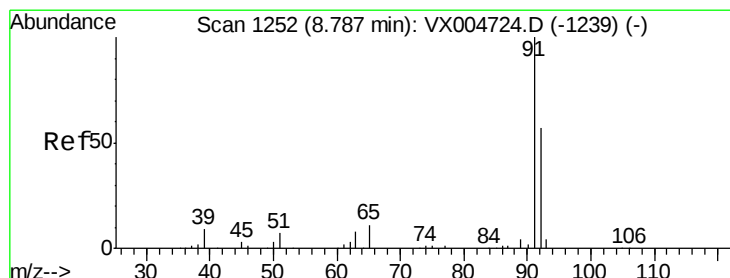
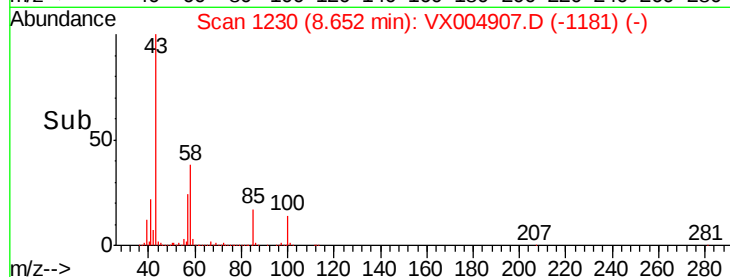
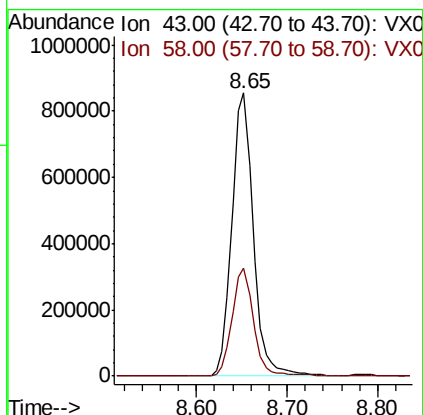
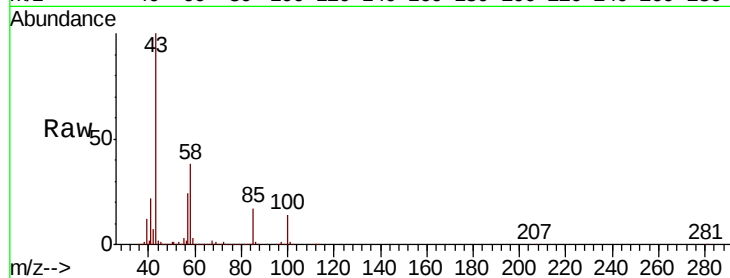




#51
 4-Methyl-2-Pentanone
 Concen: 290.053 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

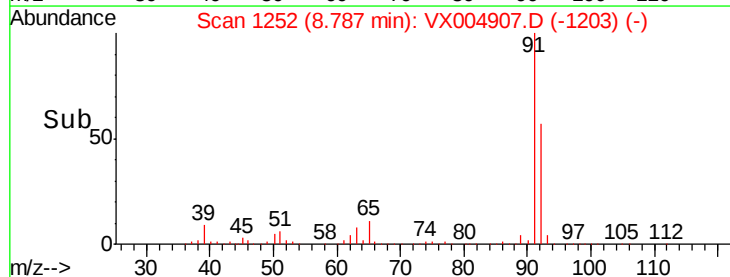
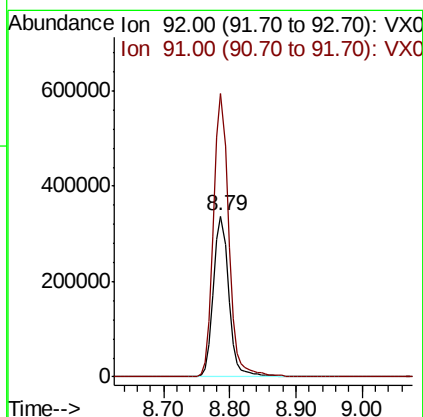
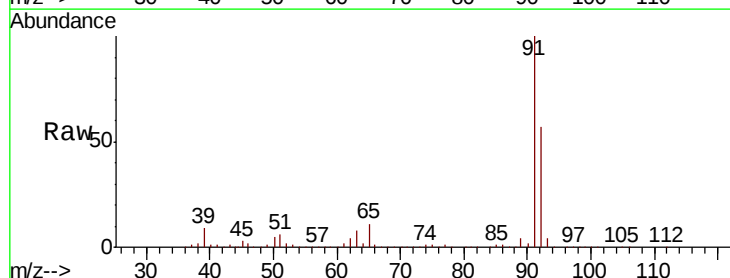
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MSD

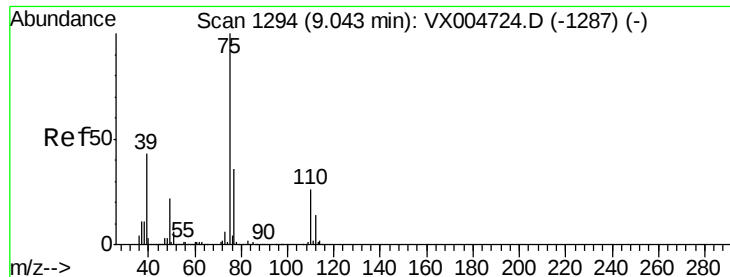
Tot Ion: 43 Resp: 1408491
 Ion Ratio Lower Upper
 43 100
 58 38.3 33.1 49.7



#52
 Toluene
 Concen: 78.647 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

Tgt Ion: 92 Resp: 544608
 Ion Ratio Lower Upper
 92 100
 91 174.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 51.272 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

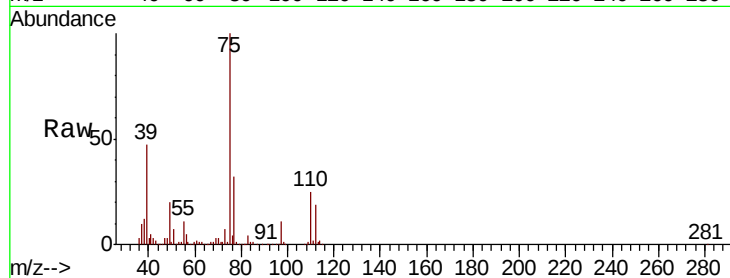
FA18-JMW-3202MSD

Tot Ion: 75 Resp: 210691

Ion Ratio Lower Upper

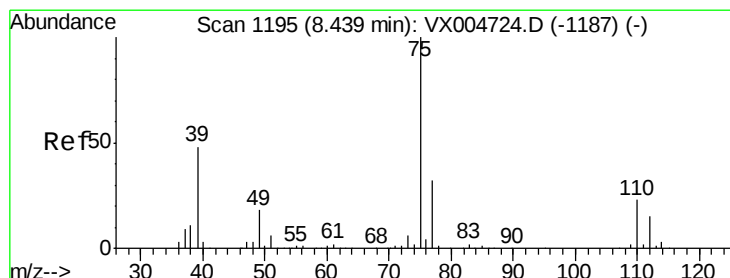
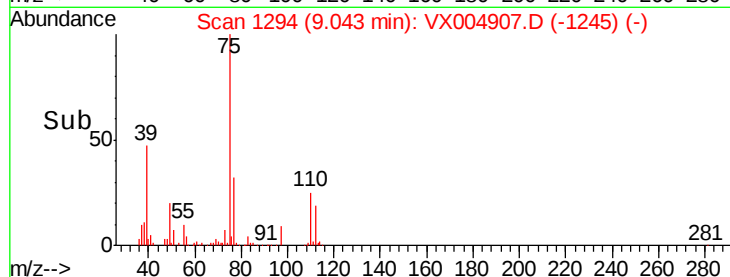
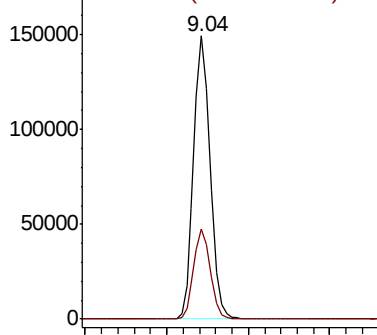
75 100

77 31.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.005 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

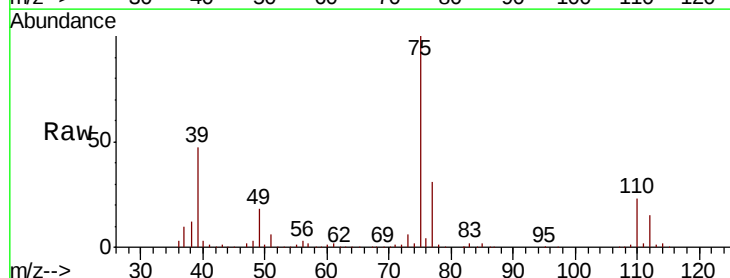
Tgt Ion: 75 Resp: 223838

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

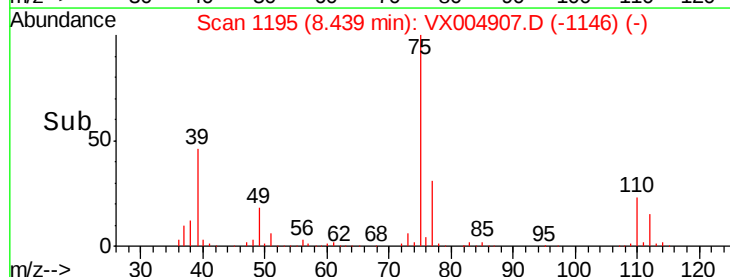
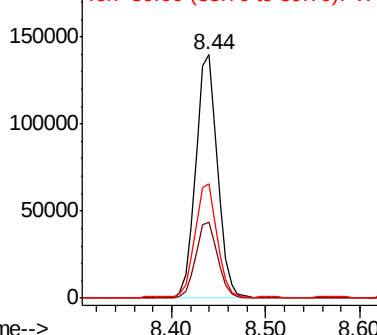
39 46.5 36.4 54.6



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

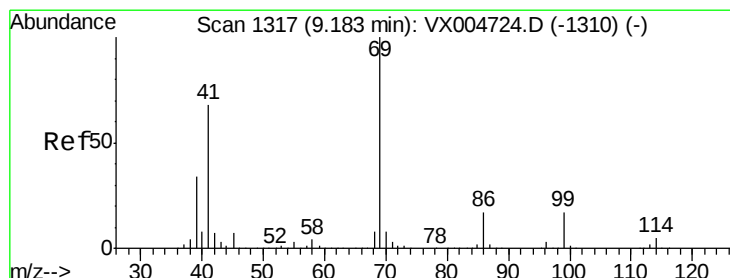
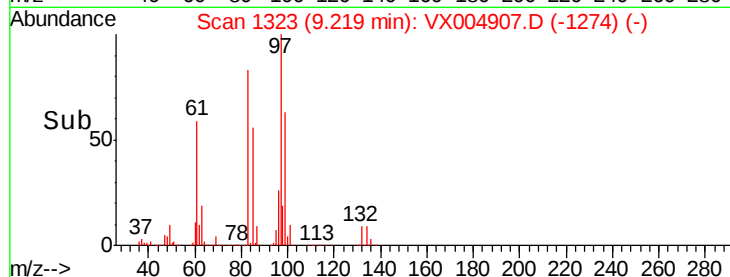
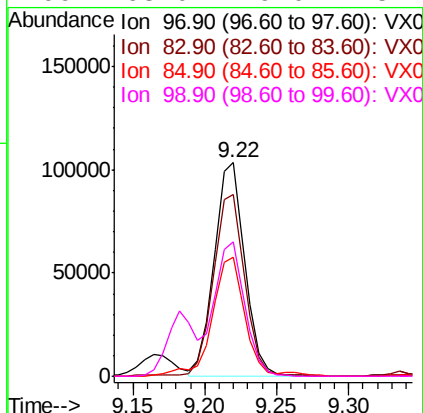
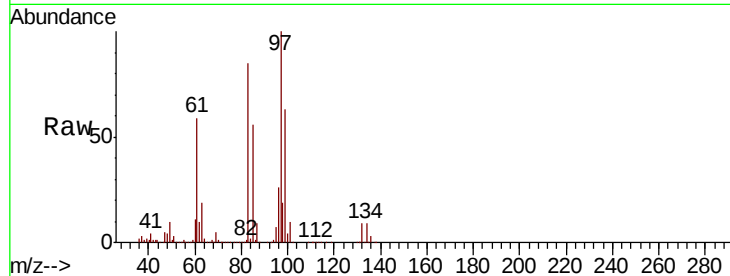




#55
 1,1,2-Trichloroethane
 Concen: 50.949 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

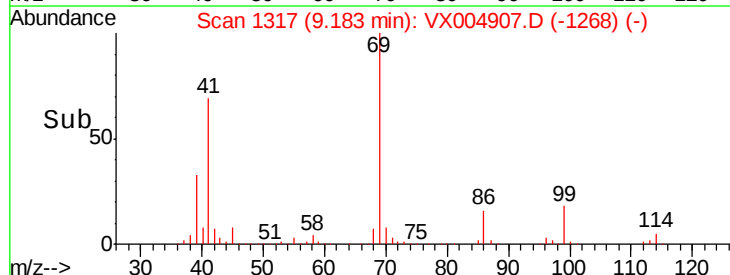
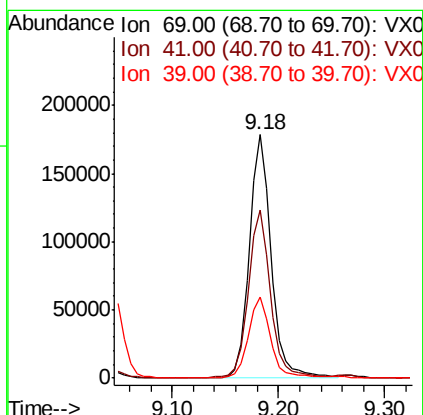
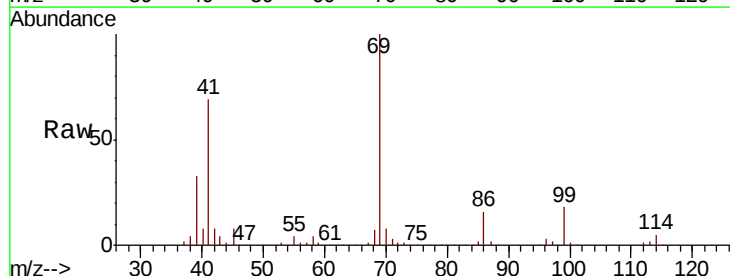
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MSD

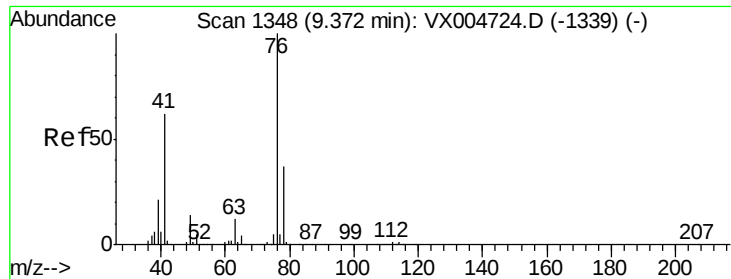
Tot Ion:	97	Resp:	154541
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.4	99.6
85	55.4	43.3	64.9
99	63.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 51.969 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

Tgt Ion:	69	Resp:	256388
Ion	Ratio	Lower	Upper
69	100		
41	70.3	51.0	76.4
39	34.1	26.1	39.1

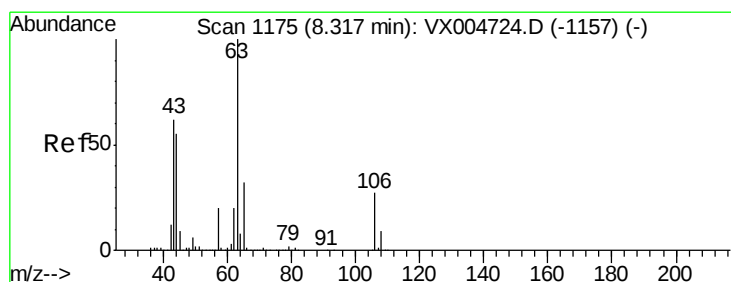
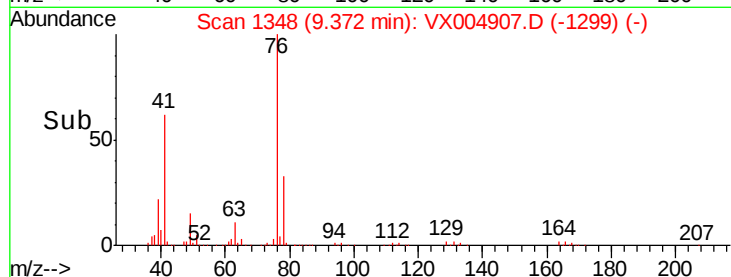
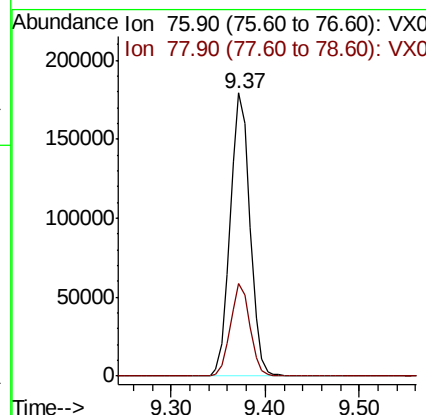
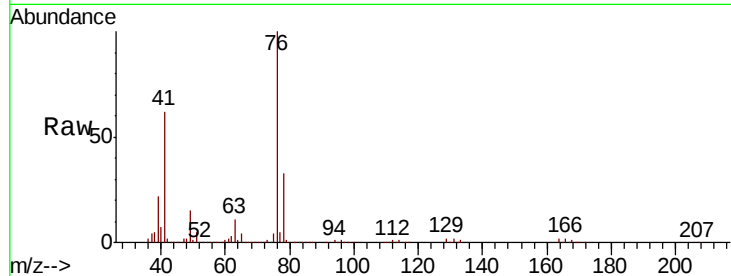




#57
 1,3-Dichloropropane
 Concen: 51.867 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

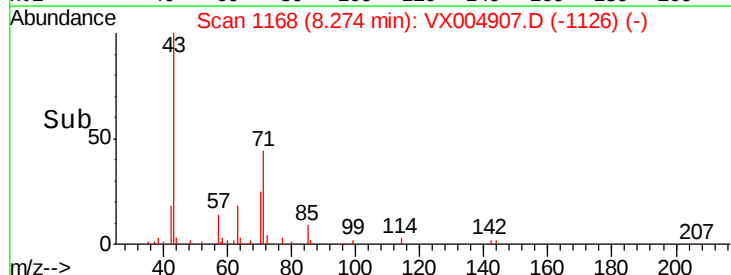
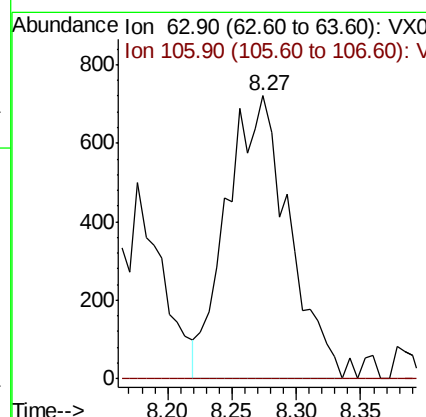
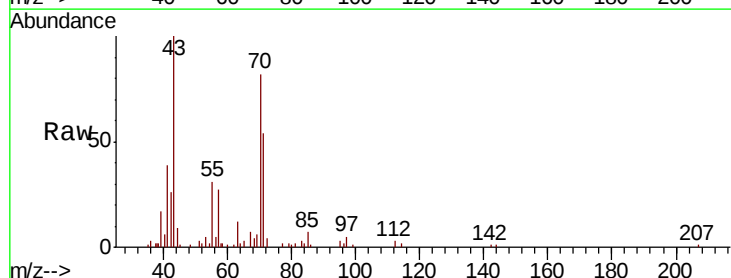
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MSD

Tot Ion: 76 Resp: 261841
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 15.111 ug/l
 RT: 8.27 min Scan# 1168
 Delta R.T. -0.04 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

Tgt Ion: 63 Resp: 2408
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#

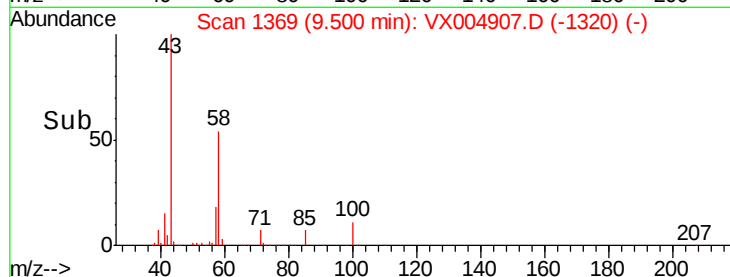
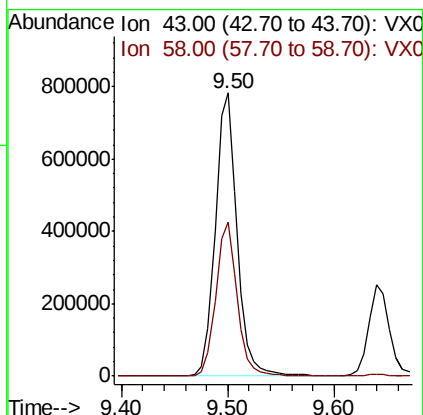
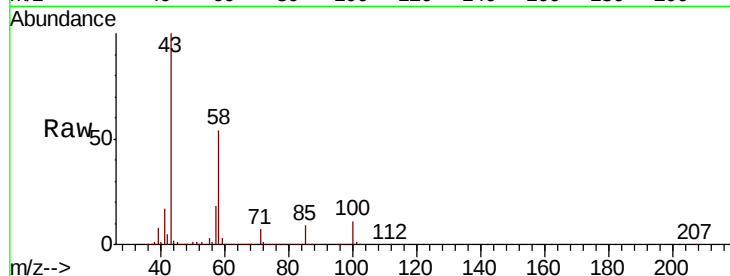




#59
2-Hexanone
Concen: 272.029 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

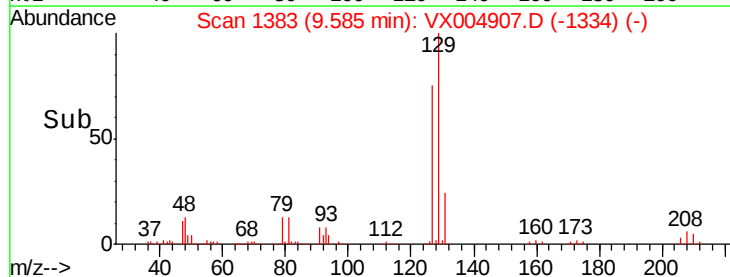
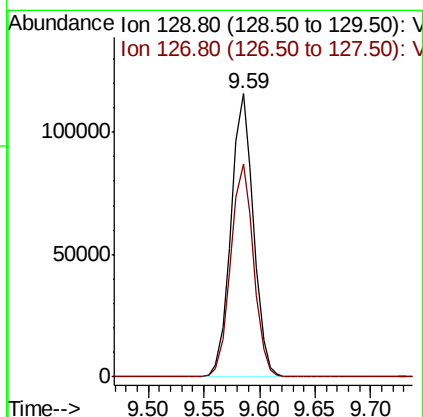
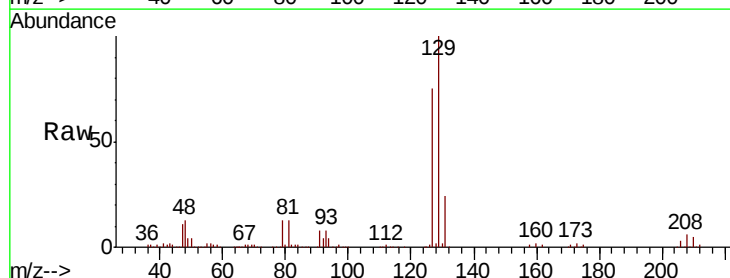
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

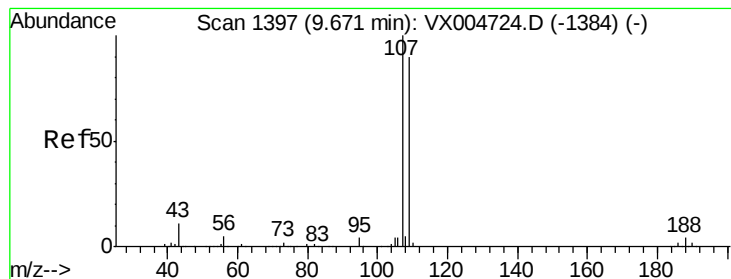
Tot Ion: 43 Resp: 1100785
Ion Ratio Lower Upper
43 100
58 53.7 29.0 87.0



#60
Dibromochloromethane
Concen: 53.215 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion:129 Resp: 161428
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.944 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

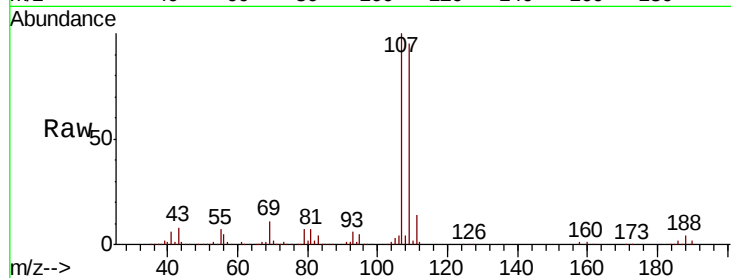
FA18-JMW-3202MSD

Tot Ion:107 Resp: 162242

Ion Ratio Lower Upper

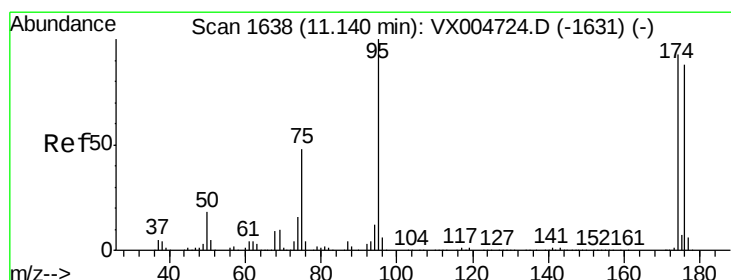
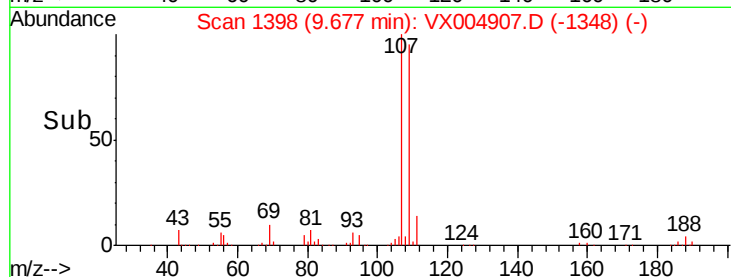
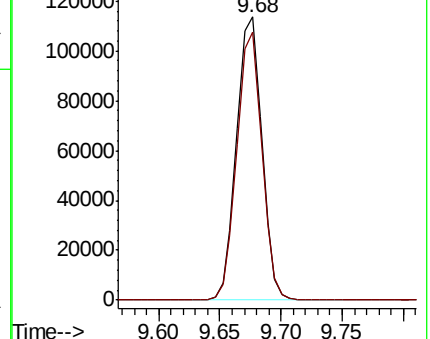
107 100

109 94.0 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: 53.541 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

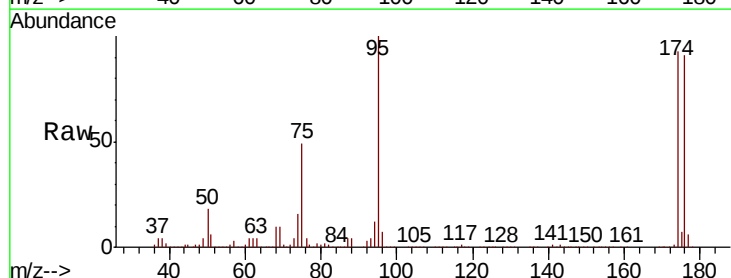
Tgt Ion: 95 Resp: 189189

Ion Ratio Lower Upper

95 100

174 89.2 0.0 185.2

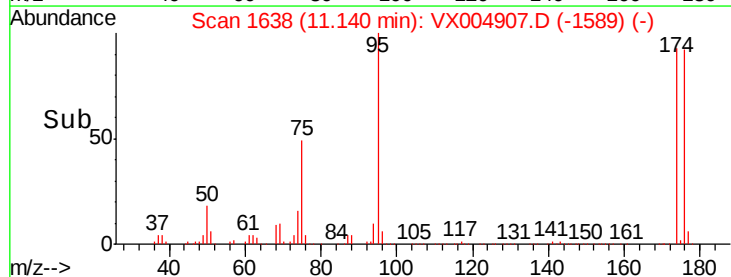
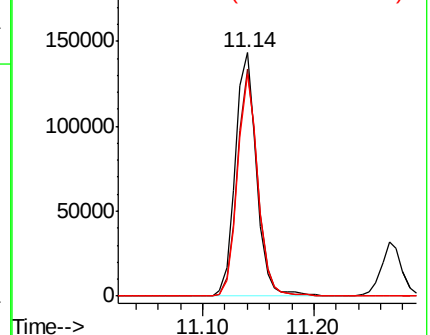
176 87.4 0.0 178.6

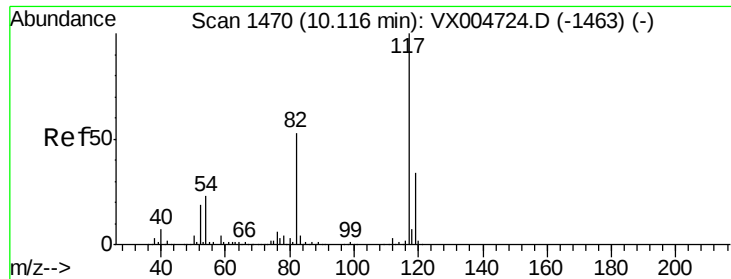


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

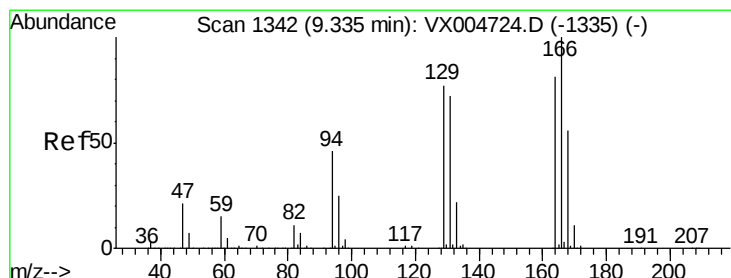
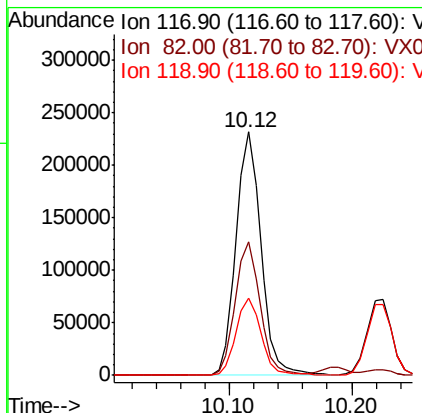
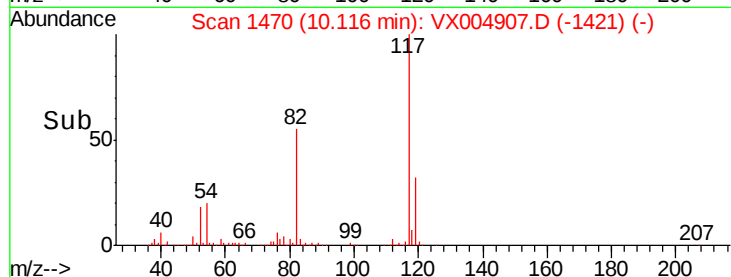
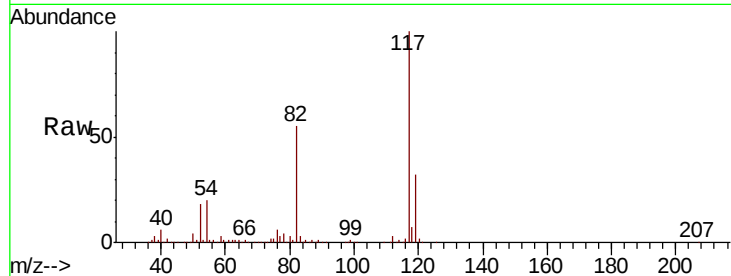




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

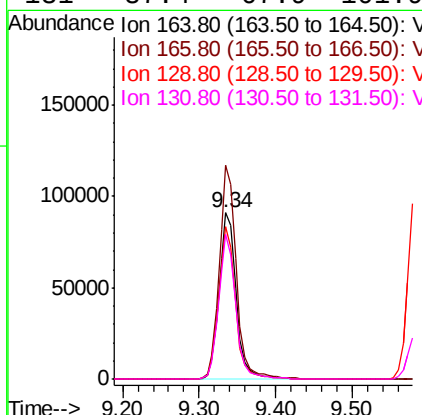
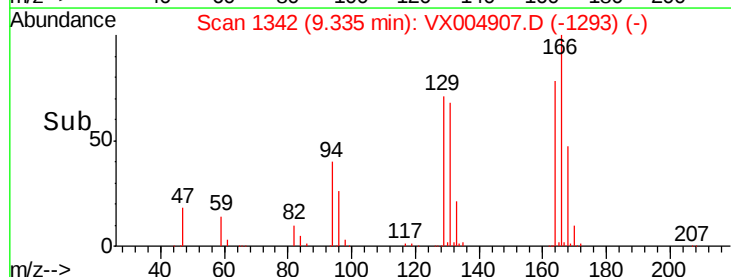
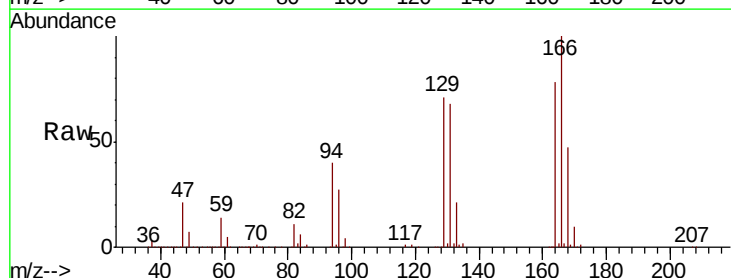
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

Tot Ion:117 Resp: 327913
Ion Ratio Lower Upper
117 100
82 54.9 47.8 71.6
119 31.9 29.3 43.9



#64
Tetrachloroethene
Concen: 43.554 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion:164 Resp: 140565
Ion Ratio Lower Upper
164 100
166 128.6 102.8 154.2
129 91.6 69.4 104.0
131 87.4 67.9 101.9

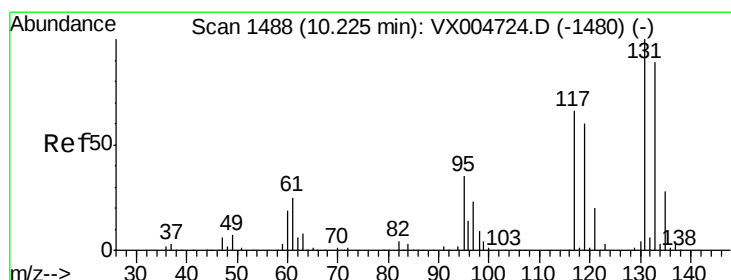
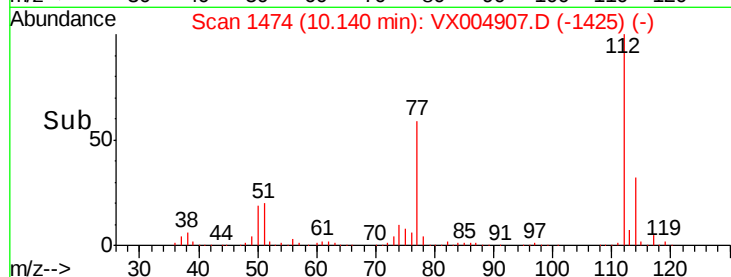
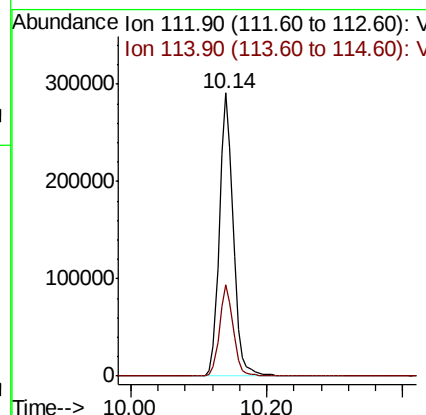
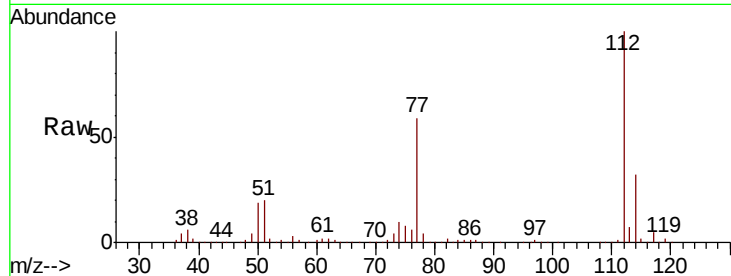




#65
Chlorobenzene
Concen: 49.175 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

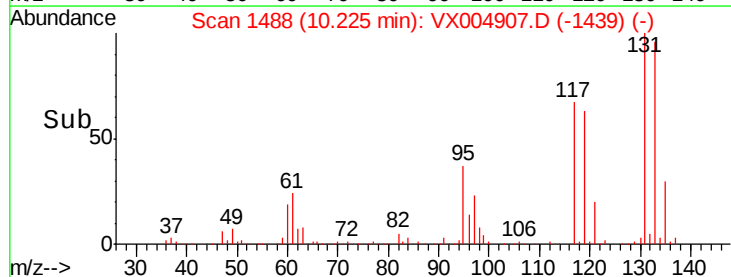
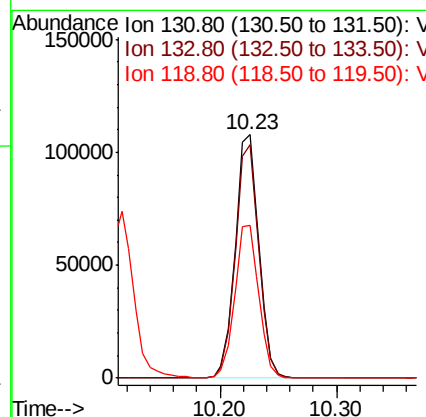
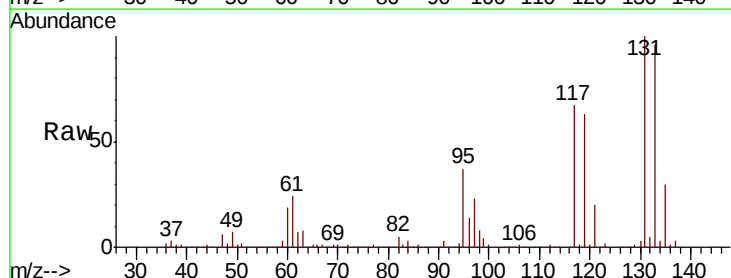
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

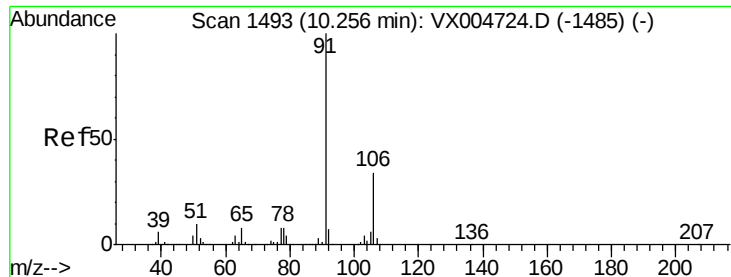
Tot Ion:112 Resp: 413493
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.499 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion:131 Resp: 152236
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 64.0 32.9 98.6

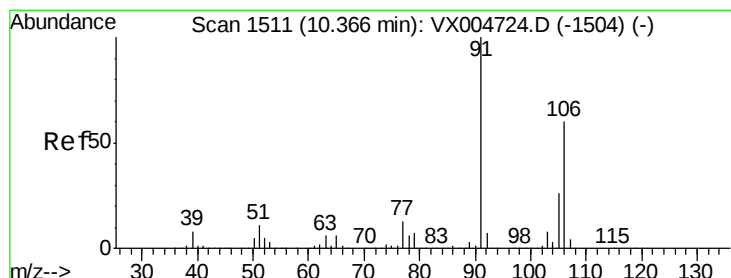
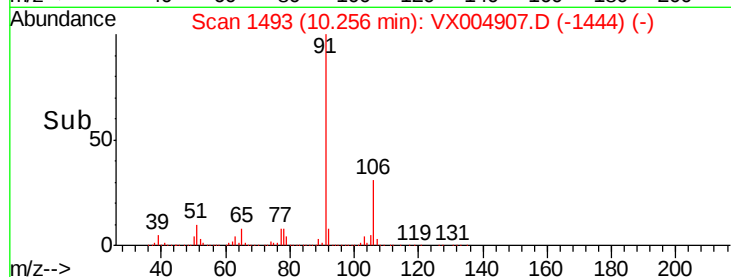
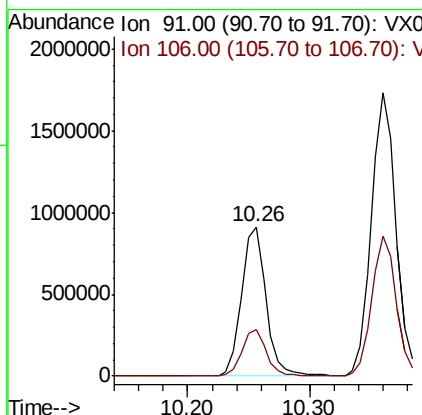
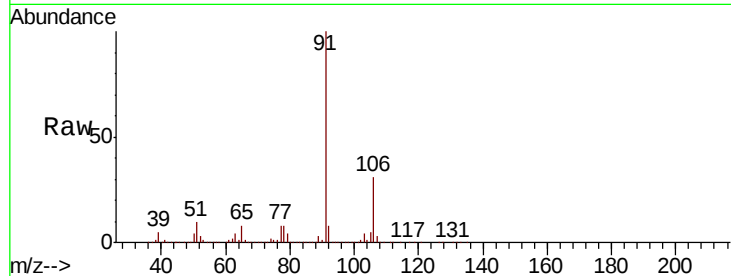




#67
Ethyl Benzene
Concen: 95.164 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

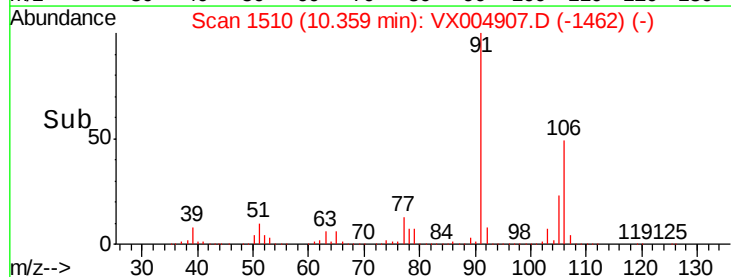
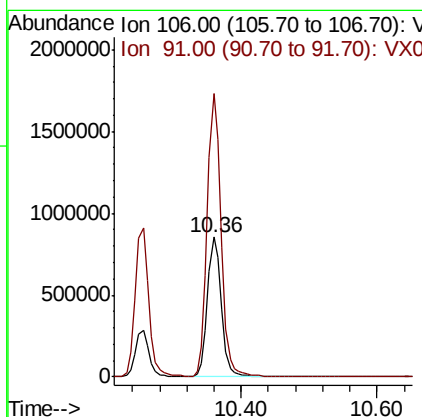
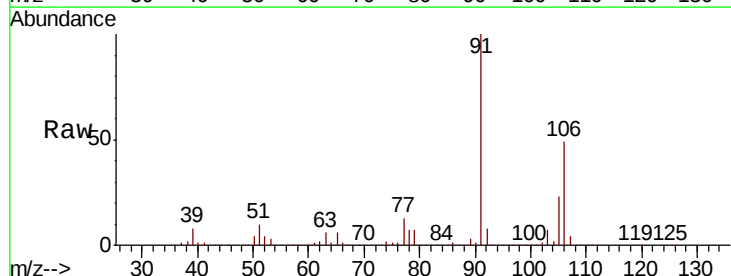
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

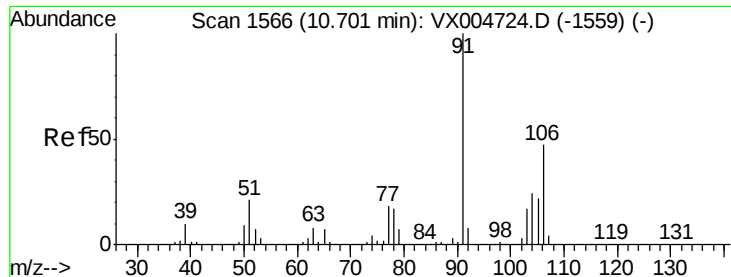
Tot Ion: 91 Resp: 1270407
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9



#68
m/p-Xylenes
Concen: 233.156 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion: 106 Resp: 1216303
Ion Ratio Lower Upper
106 100
91 202.7 157.1 235.7

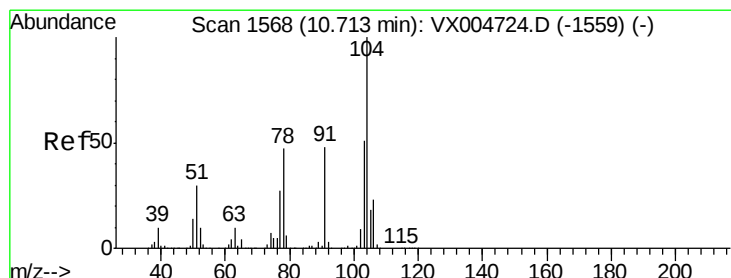
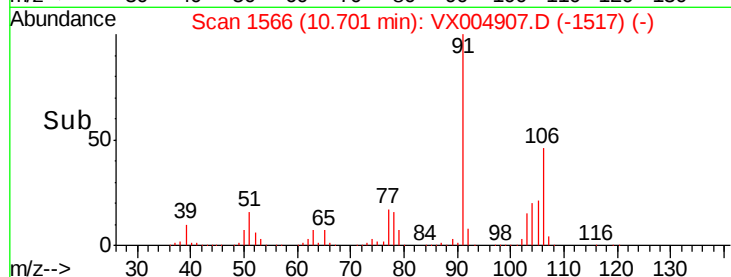
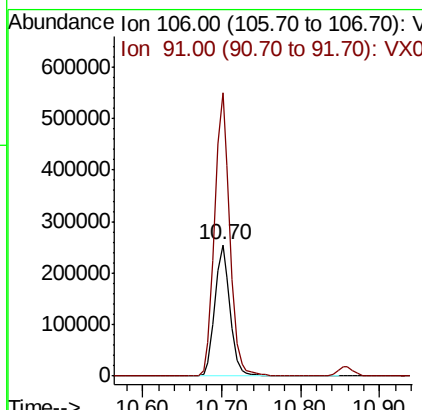
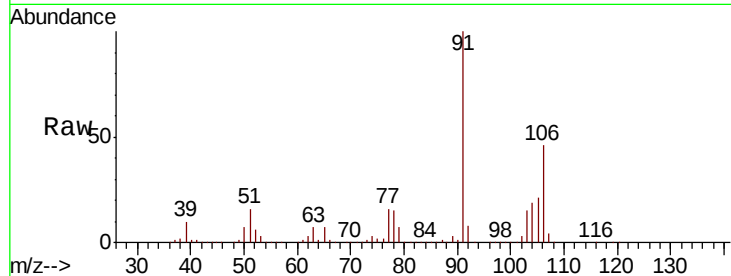




#69
o-Xylene
Concen: 71.628 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

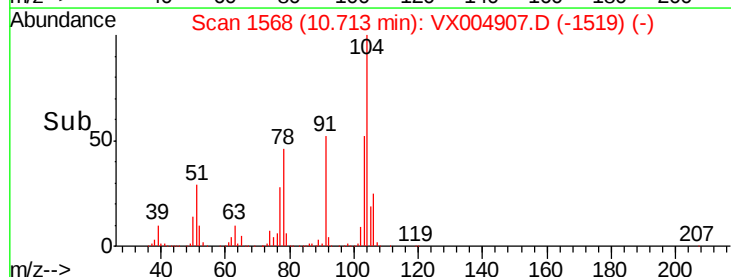
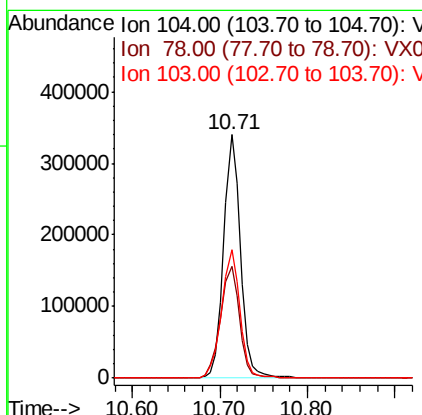
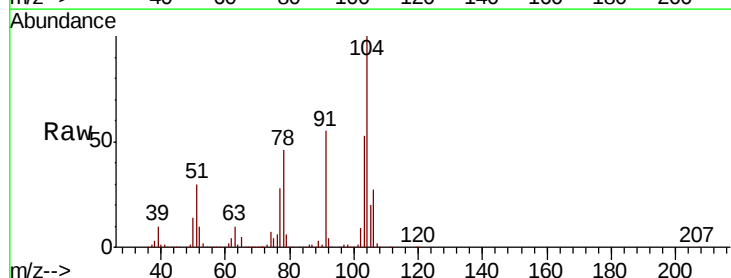
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

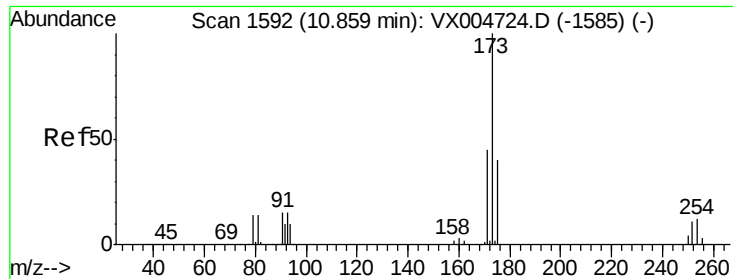
Tot Ion:106 Resp: 343208
Ion Ratio Lower Upper
106 100
91 215.4 105.1 315.1



#70
Styrene
Concen: 50.459 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion:104 Resp: 452380
Ion Ratio Lower Upper
104 100
78 52.4 37.4 56.0
103 57.7 43.8 65.6

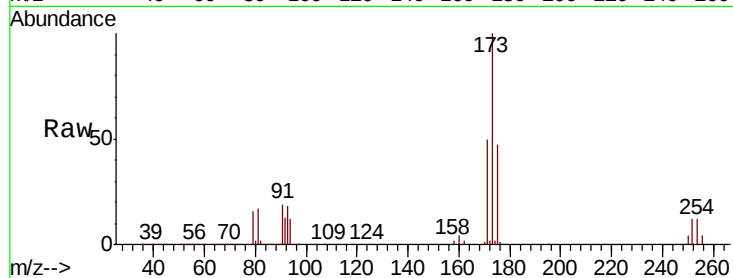




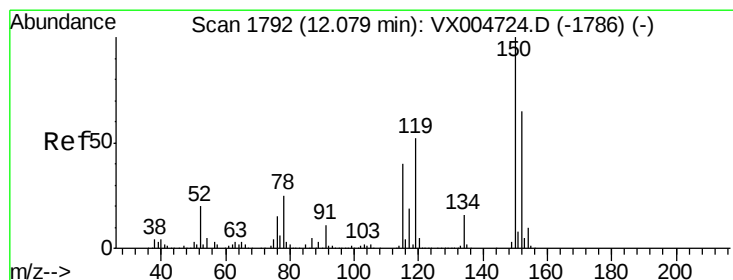
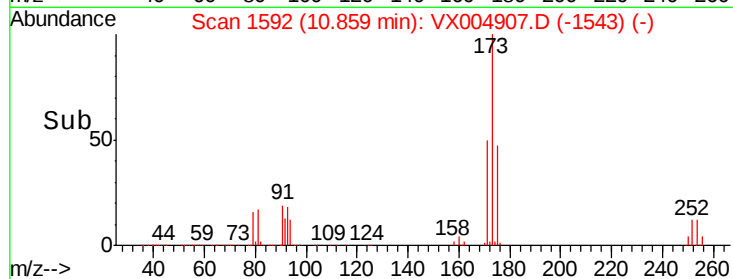
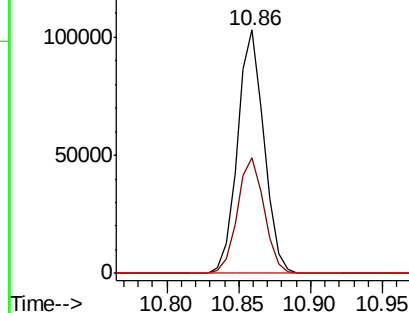
#71
Bromoform
Concen: 52.178 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

Tot Ion:173 Resp: 132053
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.3
254 0.2 0.2 0.2

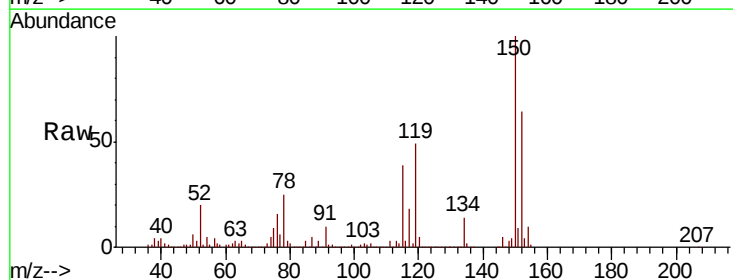


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

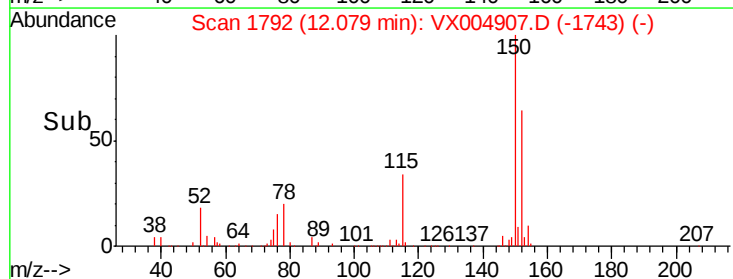
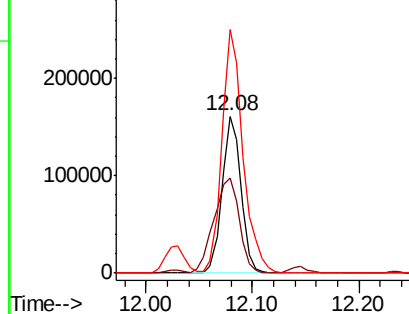


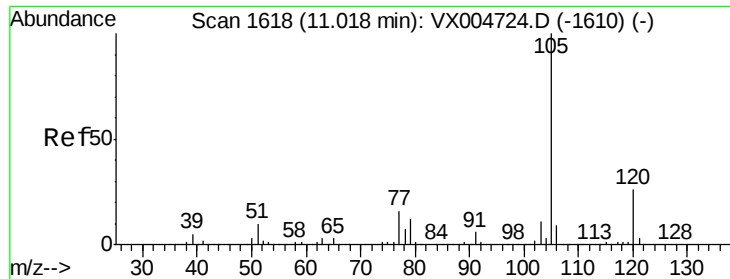
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion:152 Resp: 199149
Ion Ratio Lower Upper
152 100
115 79.4 39.0 117.0
150 173.2 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: 67.521 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

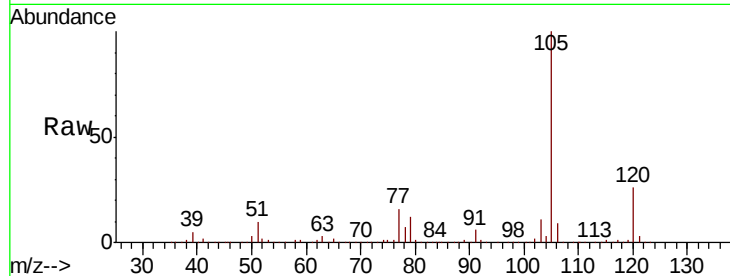
FA18-JMW-3202MSD

Tot Ion:105 Resp: 847572

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

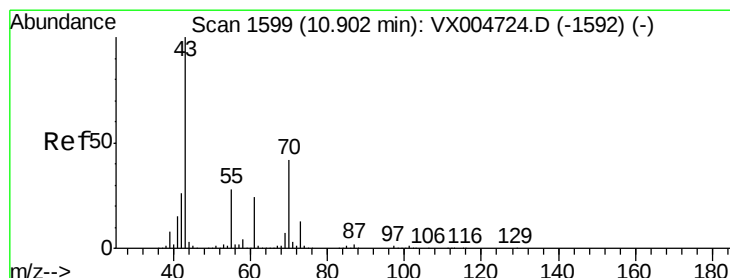
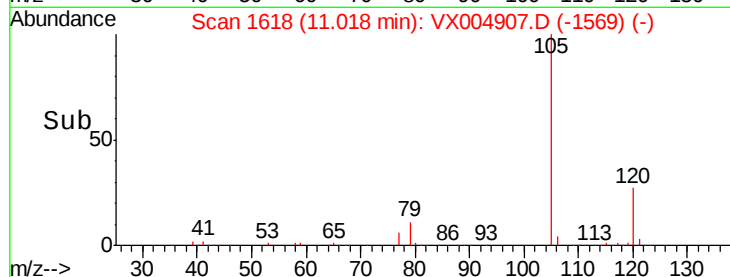
400000

200000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 49.091 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Tgt Ion: 43 Resp: 338474

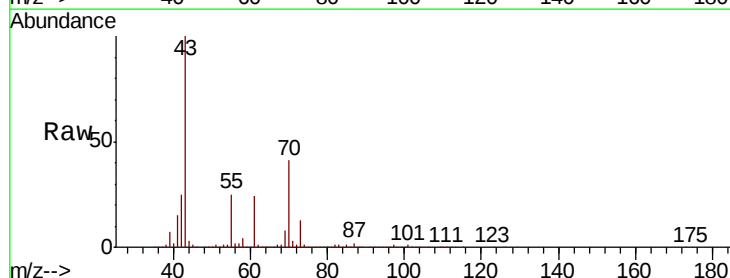
Ion Ratio Lower Upper

43 100

70 40.3 37.4 56.0

55 25.5 21.8 32.8

61 23.4 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

400000

300000

200000

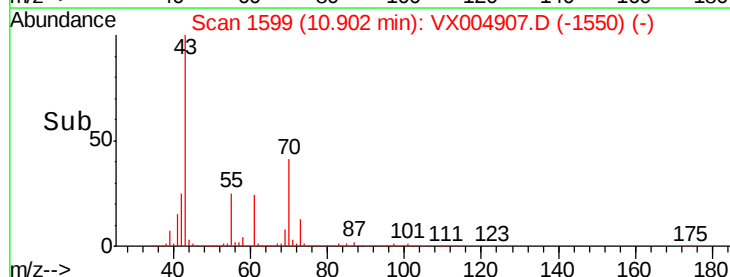
100000

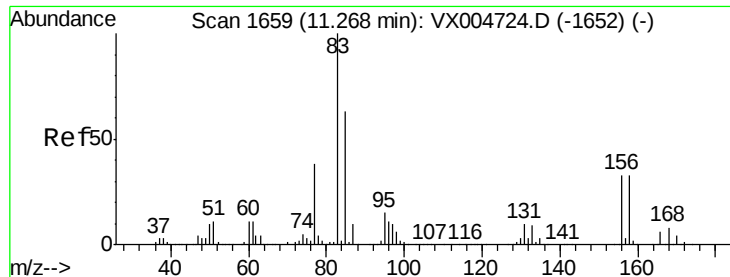
0

Time-->

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 51.229 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

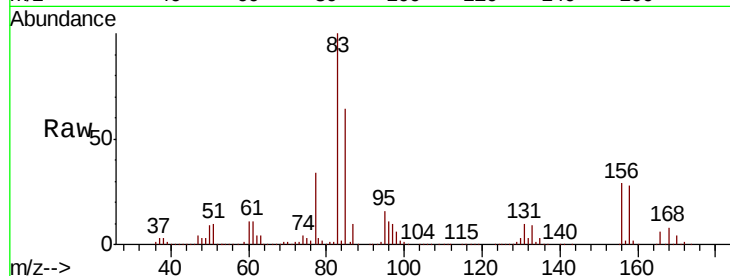
Tot Ion: 83 Resp: 261767

Ion Ratio Lower Upper

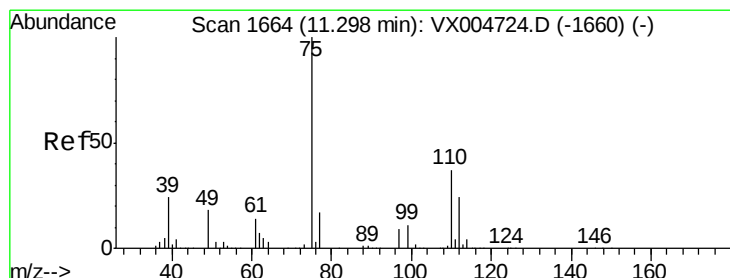
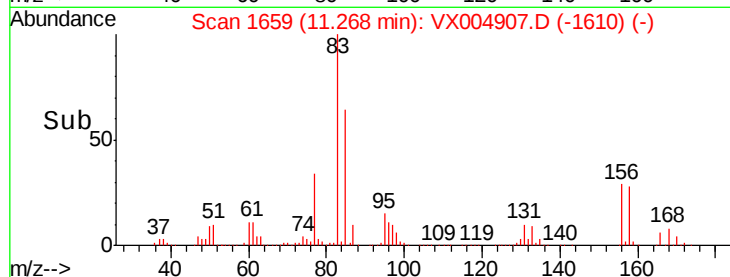
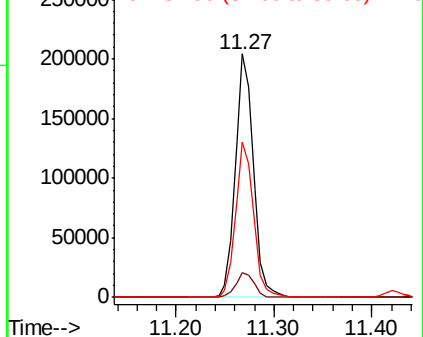
83 100

131 10.4 5.2 15.6

85 63.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.510 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004907.D

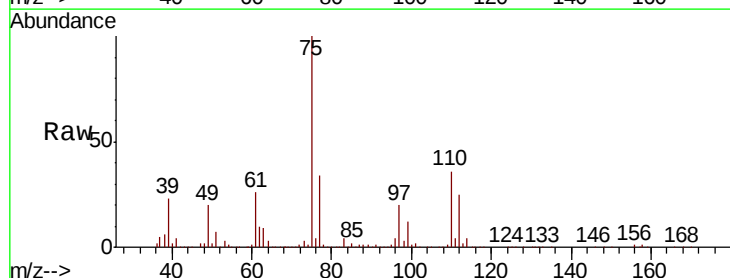
Acq: 02 Oct 2018 08:24

Tgt Ion: 75 Resp: 283488

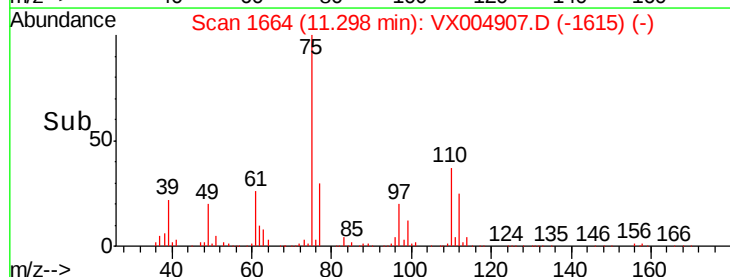
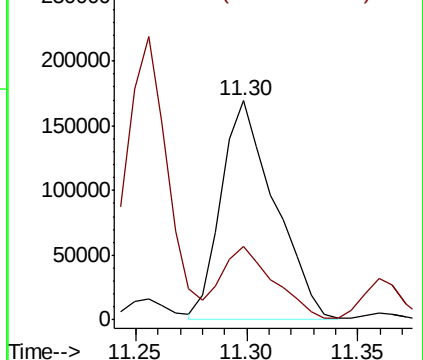
Ion Ratio Lower Upper

75 100

77 32.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.567 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

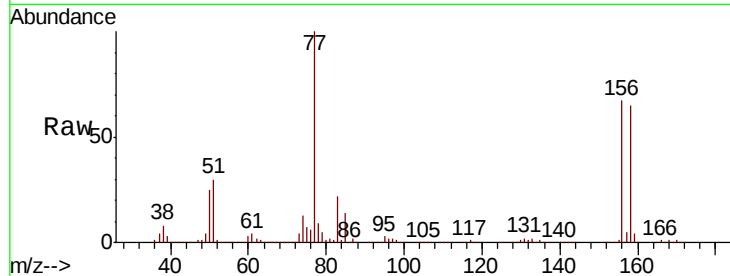
Tot Ion:156 Resp: 191659

Ion Ratio Lower Upper

156 100

77 147.9 71.5 214.3

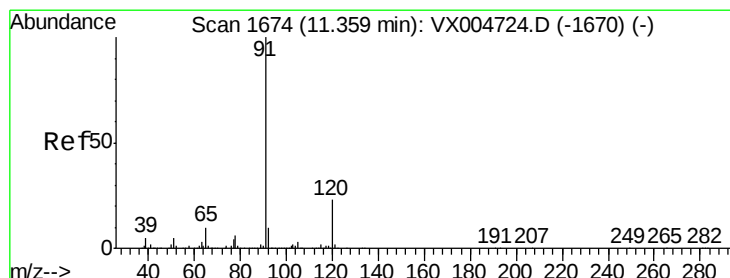
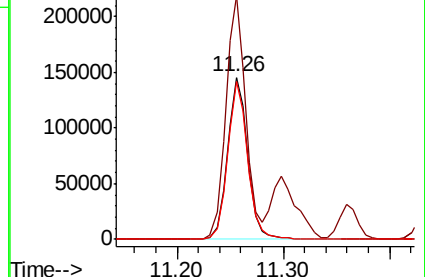
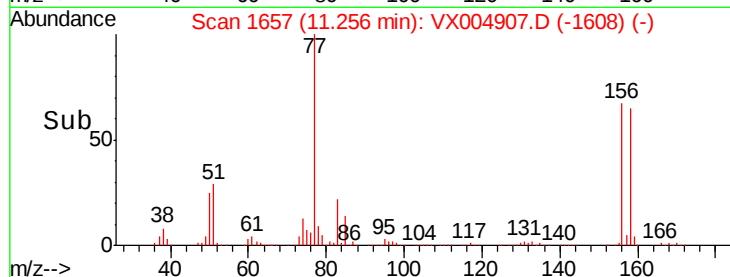
158 96.6 48.9 146.8



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: 68.412 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004907.D

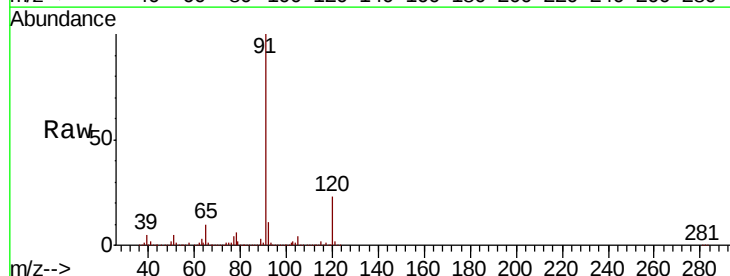
Acq: 02 Oct 2018 08:24

Tgt Ion: 91 Resp: 985317

Ion Ratio Lower Upper

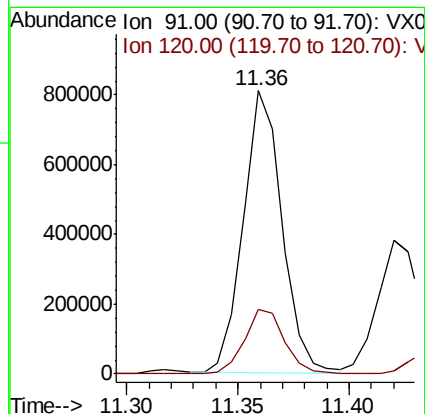
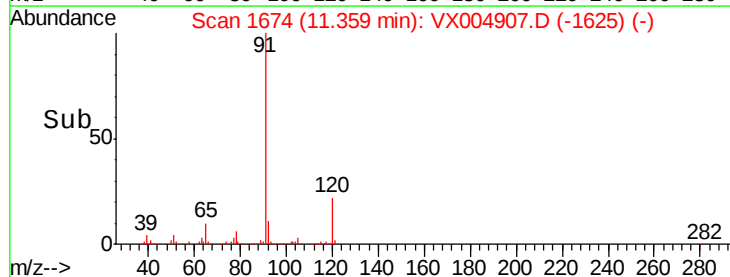
91 100

120 23.6 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: 59.482 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

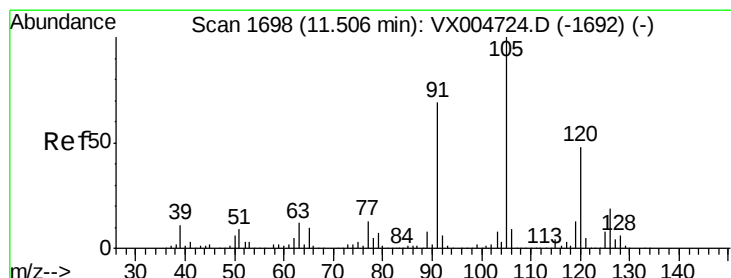
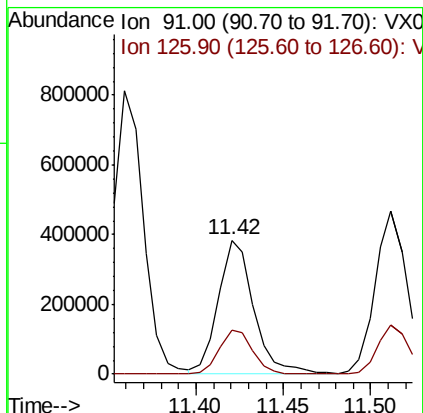
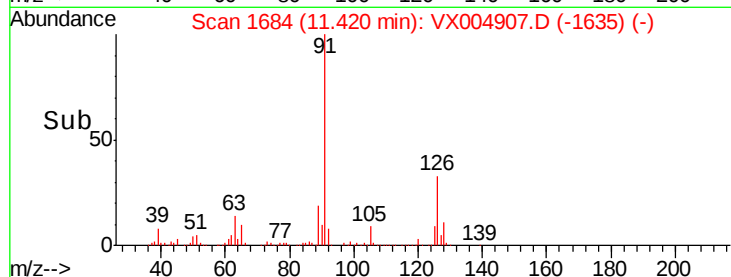
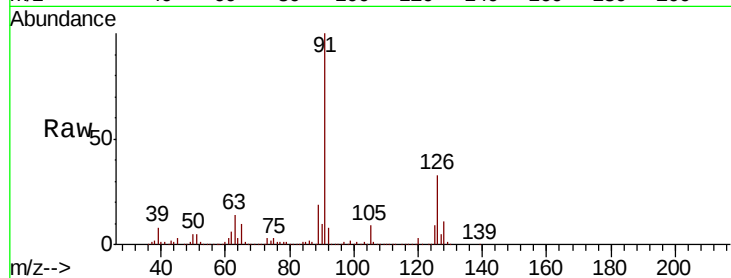
FA18-JMW-3202MSD

Tot Ion: 91 Resp: 533997

Ion Ratio Lower Upper

91 100

126 31.8 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 69.980 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004907.D

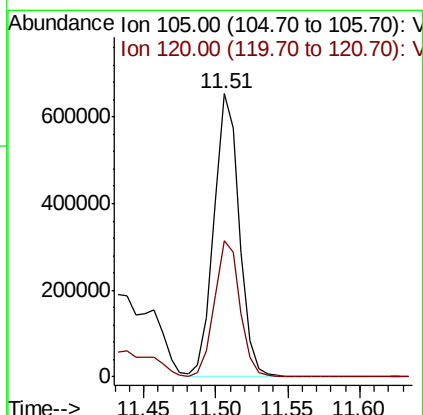
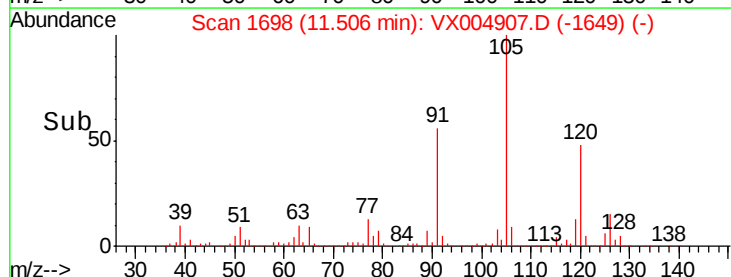
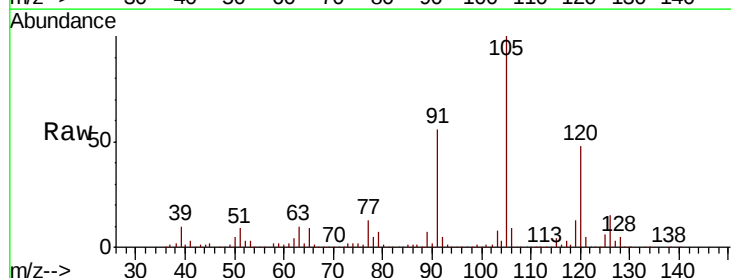
Acq: 02 Oct 2018 08:24

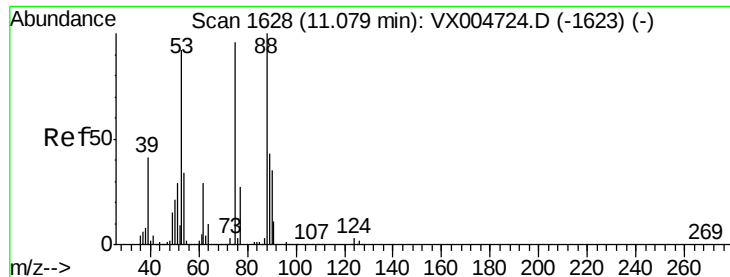
Tgt Ion: 105 Resp: 804211

Ion Ratio Lower Upper

105 100

120 48.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 38.752 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

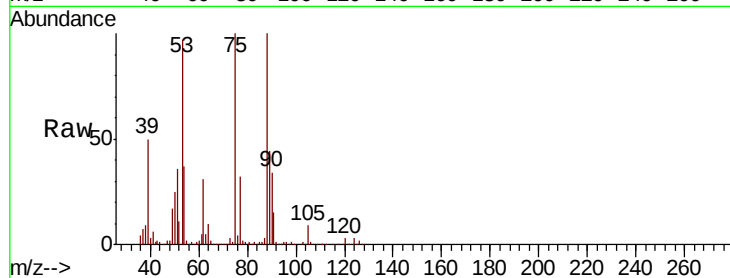
Tot Ion: 75 Resp: 62659

Ion Ratio Lower Upper

75 100

53 98.3 80.1 120.1

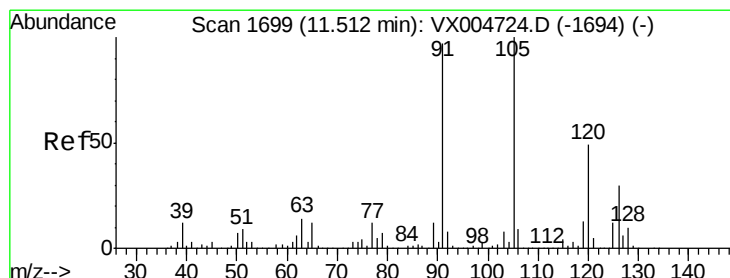
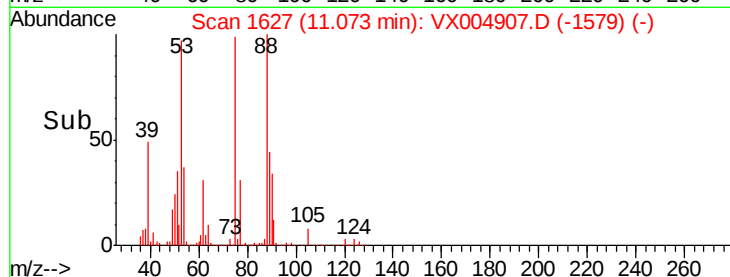
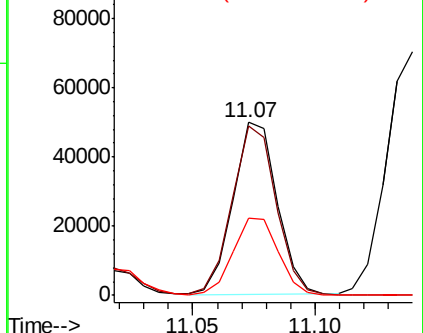
89 46.4 37.2 55.8



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: 56.447 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004907.D

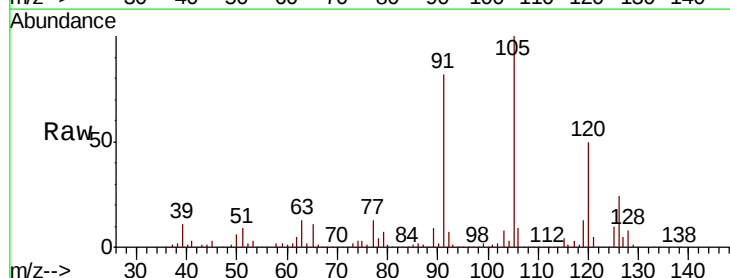
Acq: 02 Oct 2018 08:24

Tgt Ion: 91 Resp: 596464

Ion Ratio Lower Upper

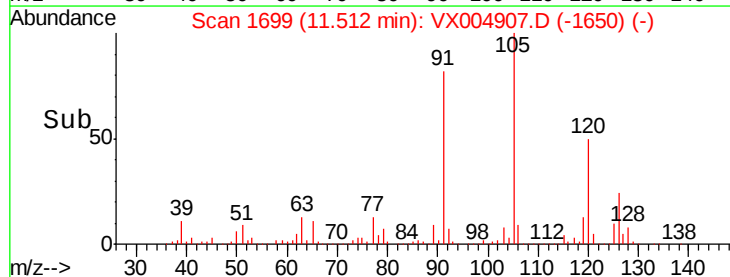
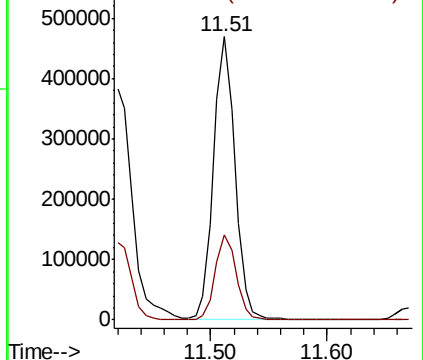
91 100

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

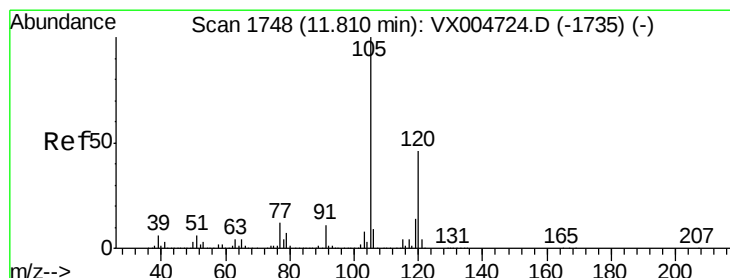
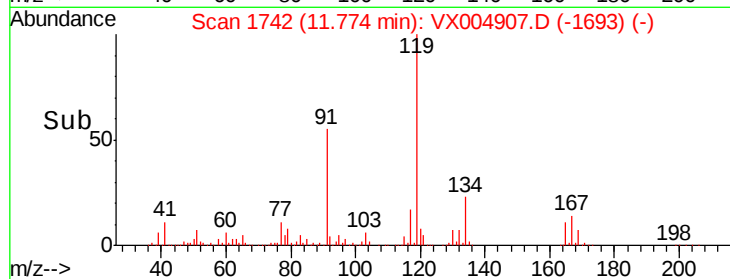
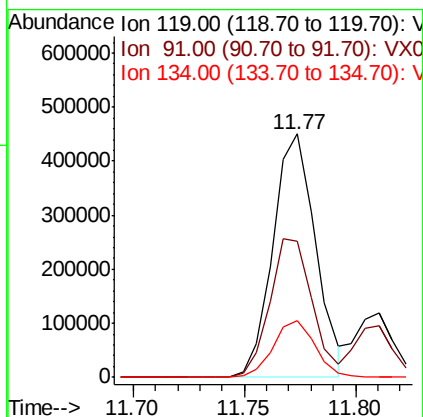
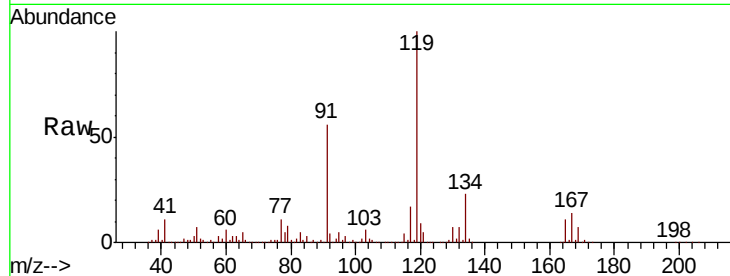




#83
 tert-Butylbenzene
 Concen: 57.792 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

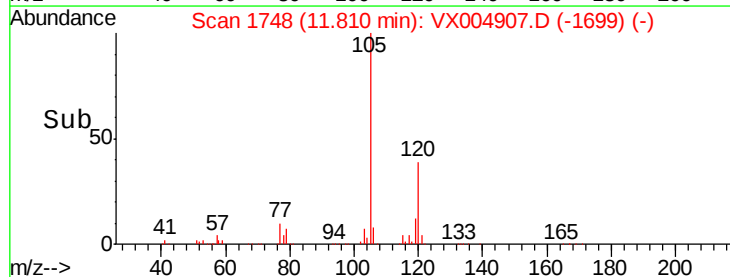
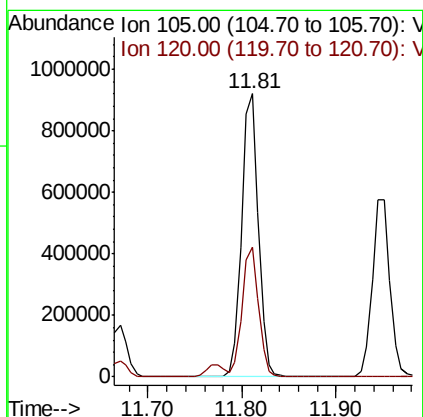
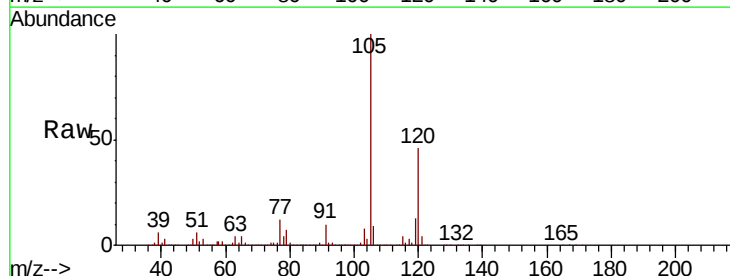
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MSD

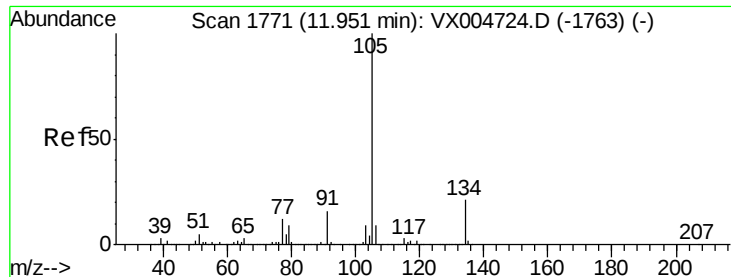
Tot Ion:119 Resp: 597274
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.0 81.0
 134 23.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 96.039 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

Tgt Ion:105 Resp: 1137313
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 59.389 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

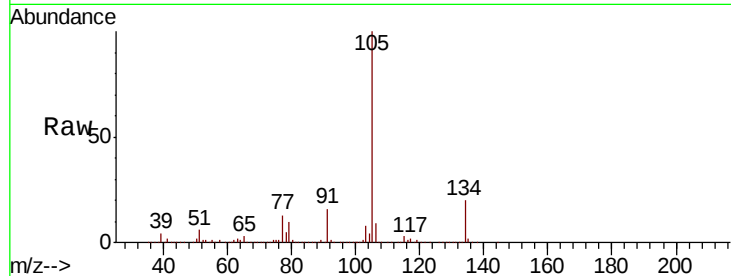
FA18-JMW-3202MSD

Tot Ion:105 Resp: 747613

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

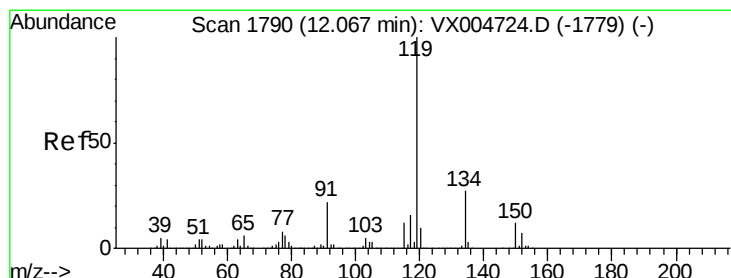
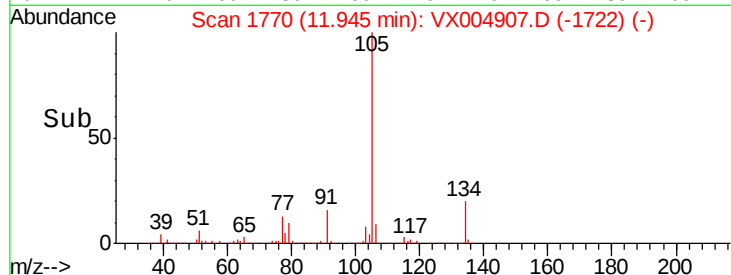
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 57.728 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

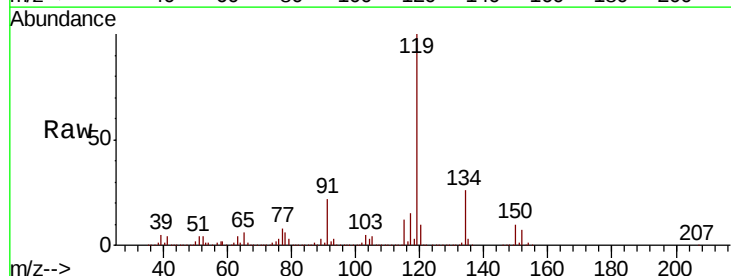
Tgt Ion:119 Resp: 658389

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.8 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

12.07

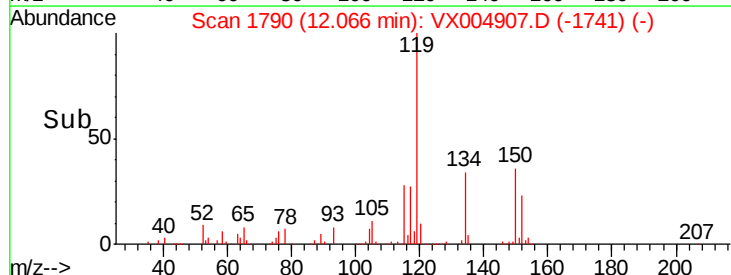
600000

400000

200000

0

Time-->

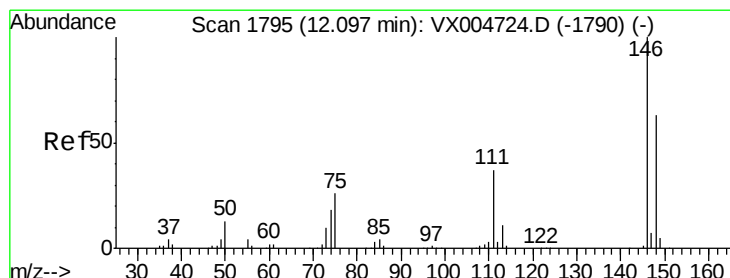
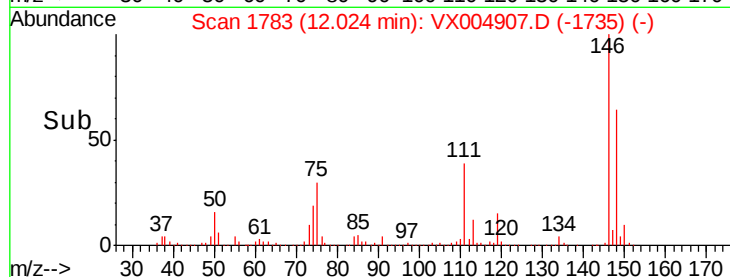
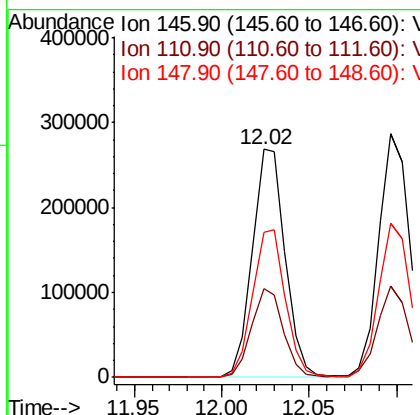
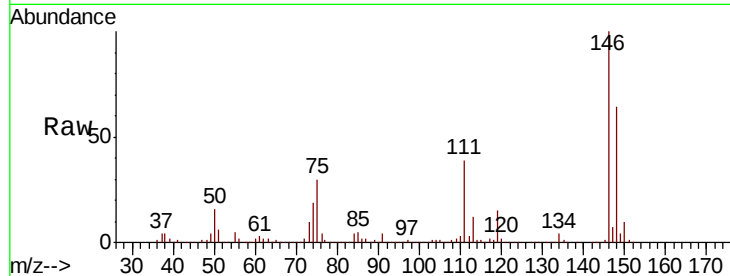




#87
 1,3-Dichlorobenzene
 Concen: 51.515 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

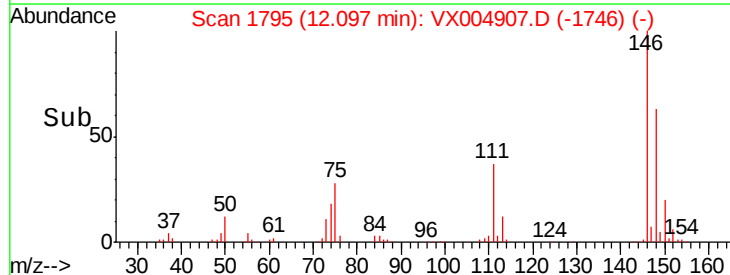
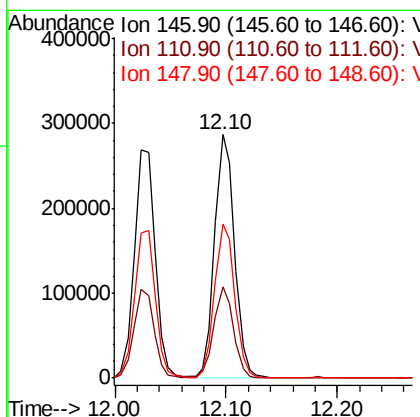
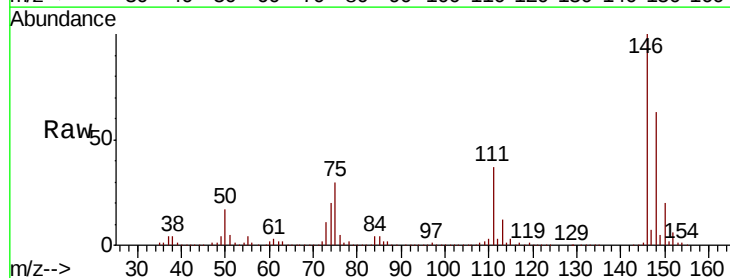
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MSD

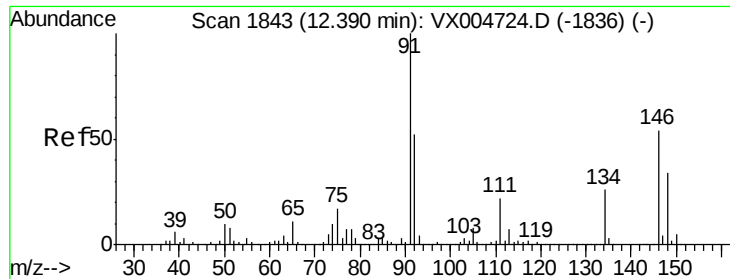
Tot Ion:146 Resp: 350720
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.7 56.1
 148 64.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.669 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

Tgt Ion:146 Resp: 356101
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.1 54.1
 148 64.2 32.0 96.0

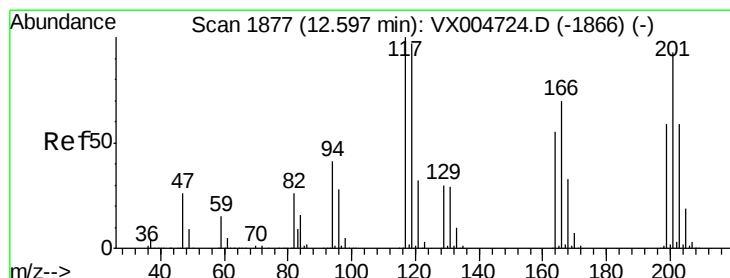
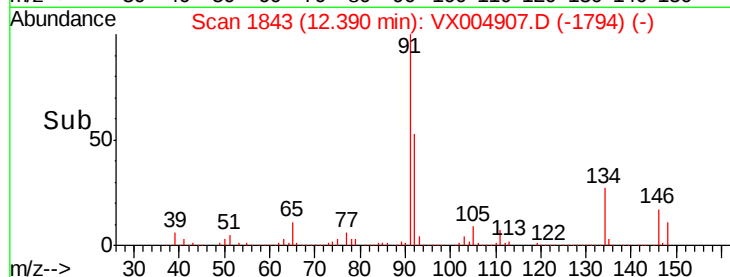
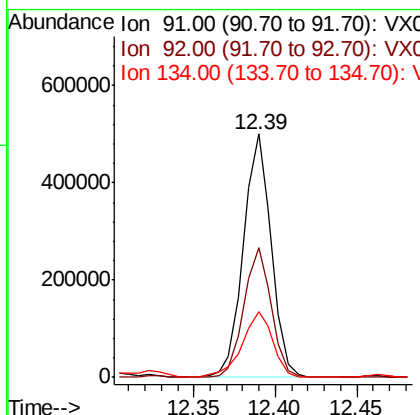
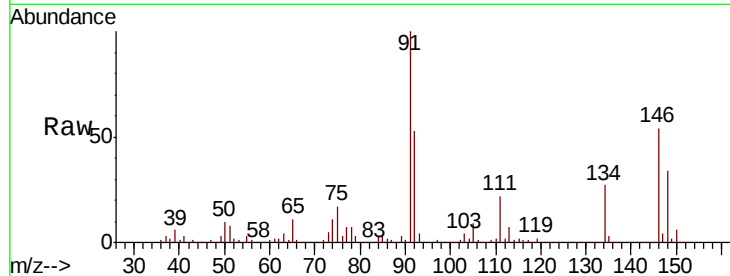




#89
n-Butylbenzene
Concen: 57.439 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

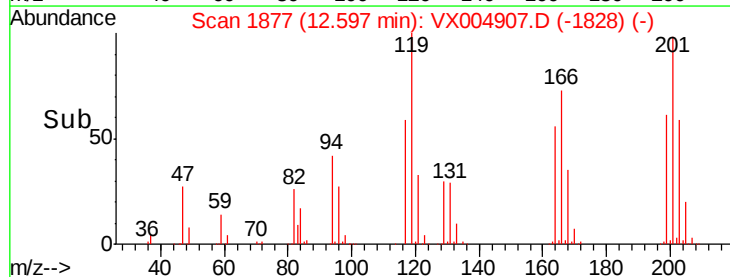
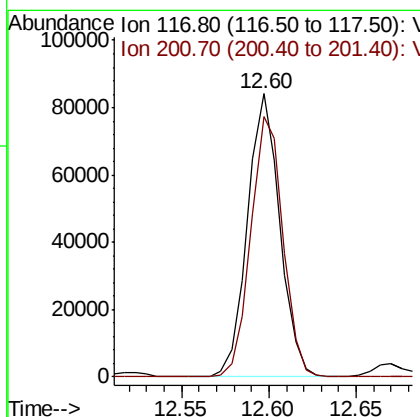
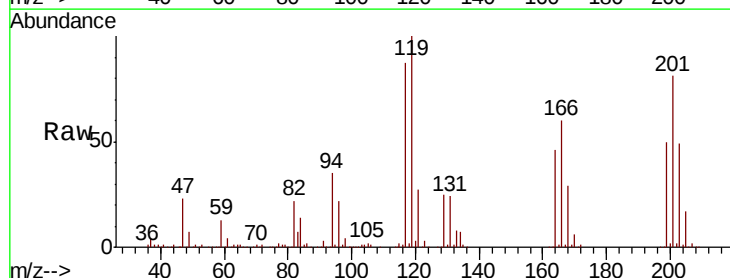
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

Tot Ion: 91 Resp: 594958
Ion Ratio Lower Upper
91 100
92 52.4 27.3 81.9
134 29.8 13.6 40.7



#90
Hexachloroethane
Concen: 56.876 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion: 117 Resp: 108003
Ion Ratio Lower Upper
117 100
201 91.3 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 50.476 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202MSD

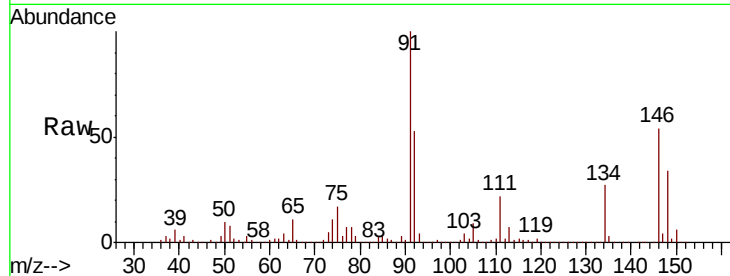
Tot Ion:146 Resp: 359130

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

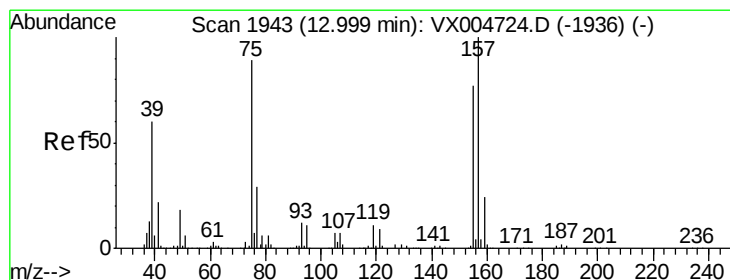
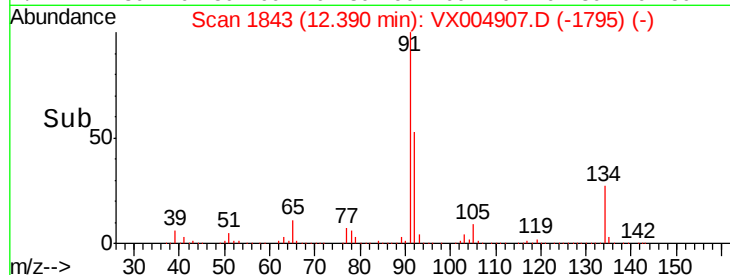
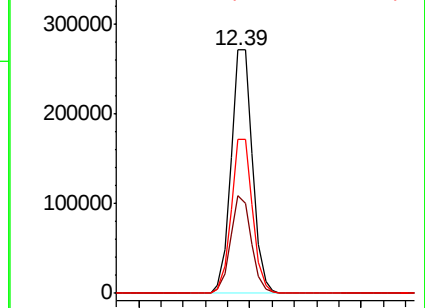
148 63.1 32.8 98.3



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: 54.888 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004907.D

Acq: 02 Oct 2018 08:24

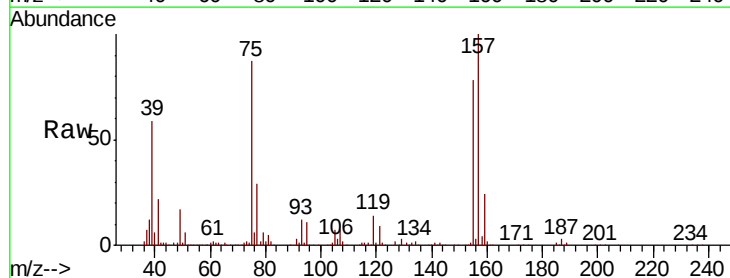
Tgt Ion: 75 Resp: 61581

Ion Ratio Lower Upper

75 100

155 91.9 48.0 144.2

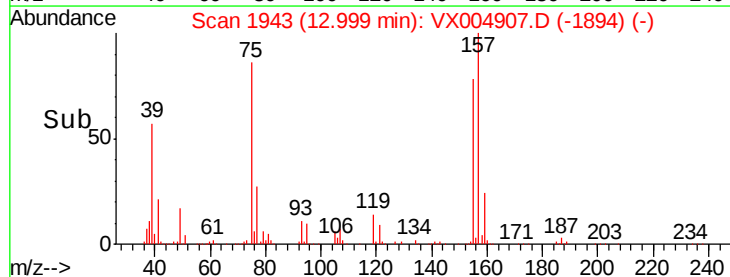
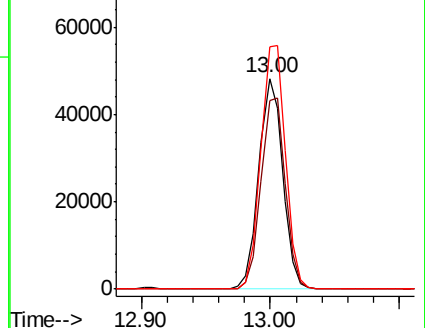
157 119.1 61.4 184.1

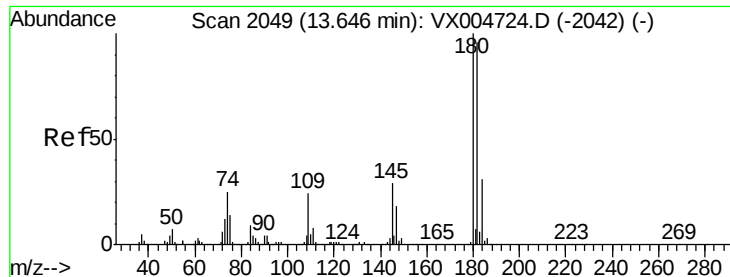


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

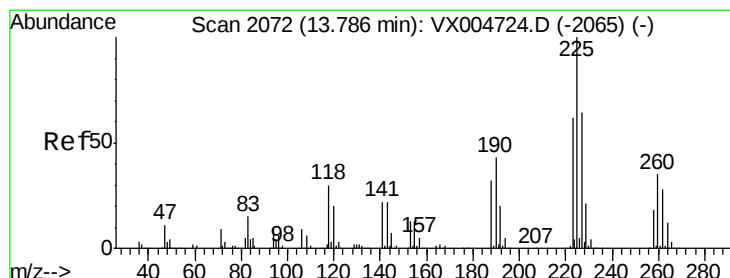
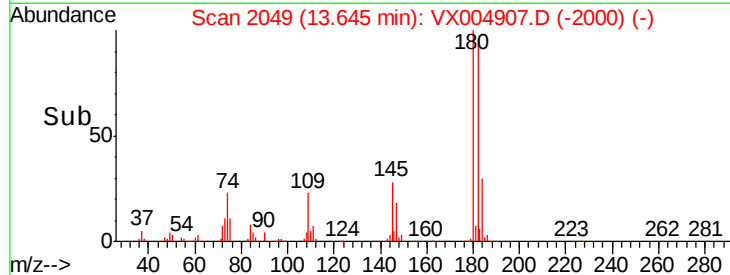
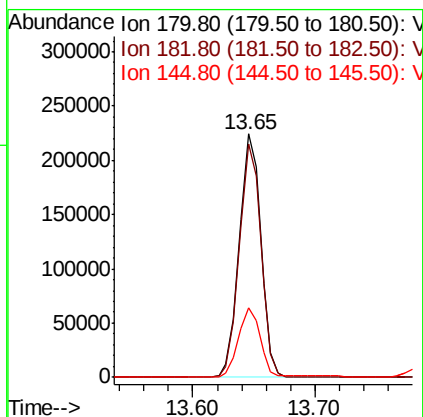
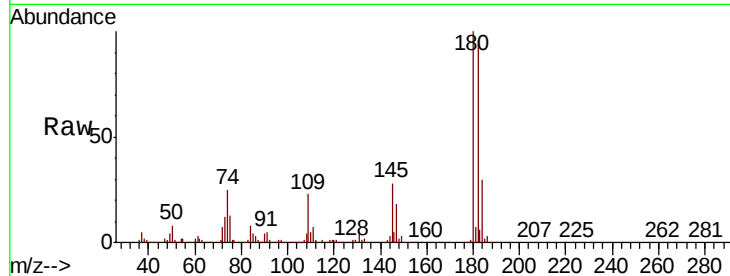




#93
 1,2,4-Trichlorobenzene
 Concen: 54.531 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

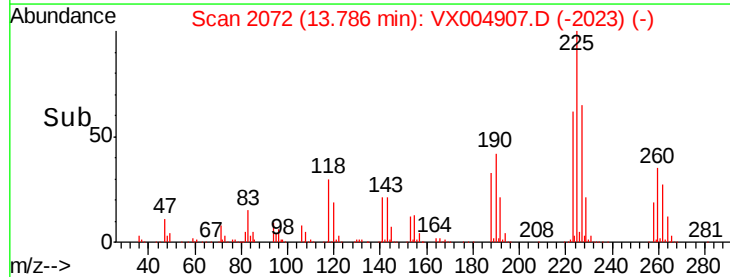
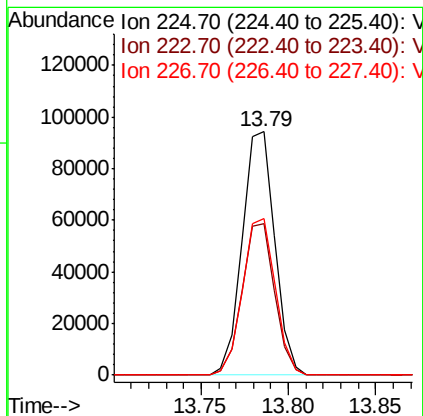
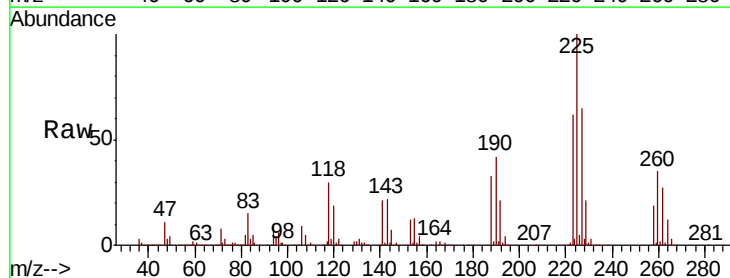
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202MSD

Tot Ion:180 Resp: 272161
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.4 145.0
 145 29.2 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 47.085 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004907.D
 Acq: 02 Oct 2018 08:24

Tgt Ion:225 Resp: 121859
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.1 90.5
 227 64.8 30.8 92.4

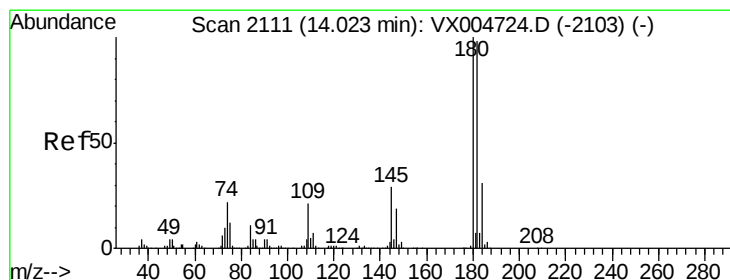
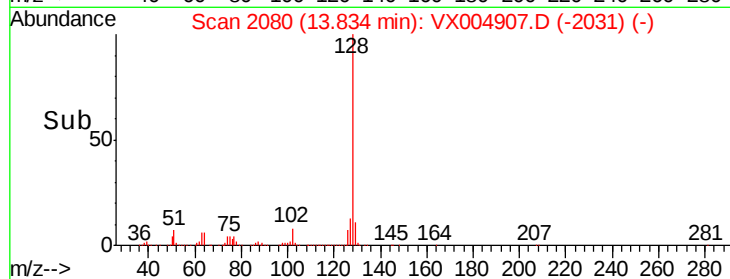
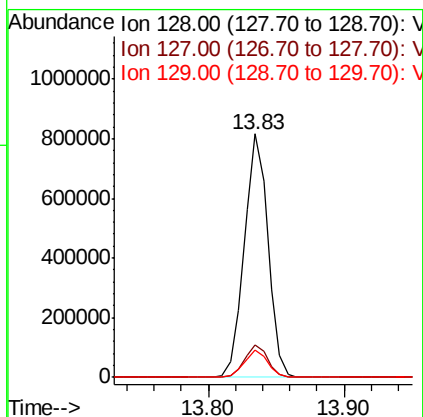
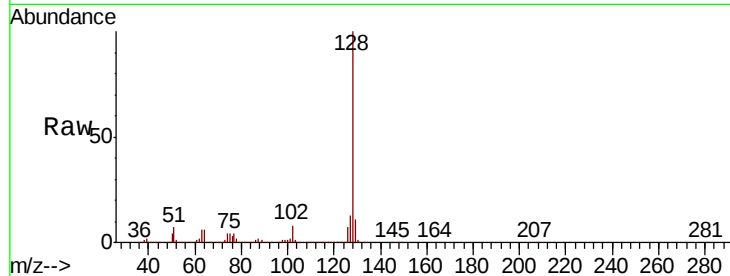




#95
Naphthalene
Concen: 59.820 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202MSD

Tot Ion:128 Resp: 993299
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.615 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004907.D
Acq: 02 Oct 2018 08:24

Tgt Ion:180 Resp: 276421
Ion Ratio Lower Upper
180 100
182 95.1 48.5 145.6
145 31.7 14.9 44.9

