

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005000.D
 Acq On : 04 Oct 2018 06:01
 Operator : JC/MD
 Sample : J5161-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202

Quant Time: Oct 04 08:49:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	199898	43.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.44%	
35) Dibromofluoromethane	5.51	113	175921	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
50) Toluene-d8	8.71	98	630305	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.14	95	239293	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	

Target Compounds

					Qvalue	
4) Vinyl Chloride	1.40	62	54536	10.858	ug/l	94
5) Bromomethane	1.65	94	664	0.223	ug/l	80
6) Chloroethane	1.72	64	292	Below Cal	#	76
11) Tert butyl alcohol	3.02	59	4891	3.782	ug/l #	72
12) 1,1-Dichloroethene	2.38	96	1727	0.492	ug/l	89
13) Acrolein	2.27	56	3802	4.132	ug/l #	1
14) Allyl chloride	2.61	41	12470	1.629	ug/l #	65
15) Acrylonitrile	3.17	53	8512	2.990	ug/l #	41
16) Acetone	2.45	43	11781	4.363	ug/l #	87
18) Methyl Acetate	2.84	43	989777	144.690	ug/l #	54
20) Methylene Chloride	2.84	84	2499	Below Cal	#	1
21) trans-1,2-Dichloroethene	3.16	96	2125	0.553	ug/l	92
25) 2-Butanone	4.71	43	2422	0.609	ug/l	95
26) 2,2-Dichloropropane	4.75	77	1271	0.237	ug/l #	50
27) cis-1,2-Dichloroethene	4.60	96	85103	19.839	ug/l	94
29) Tetrahydrofuran	5.15	42	544	0.220	ug/l	92
31) Cyclohexane	5.57	56	417506	70.953	ug/l #	85
36) 1,1-Dichloropropene	5.66	75	17969	3.538	ug/l #	46
38) Carbon Tetrachloride	5.67	117	25697	4.814	ug/l #	16
39) Methylcyclohexane	7.46	83	243986	47.053	ug/l #	85
40) Benzene	6.15	78	660816	41.566	ug/l	94
42) 1,2-Dichloroethane	6.15	62	5519	0.982	ug/l #	73
43) Isopropyl Acetate	6.46	43	7028	0.722	ug/l #	66
44) Trichloroethene	7.21	130	1359	0.348	ug/l	98
48) Methyl methacrylate	7.73	41	14491	3.281	ug/l #	46
51) 4-Methyl-2-Pentanone	8.68	43	13105	2.139	ug/l #	68
52) Toluene	8.79	92	194508	22.266	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	14750	3.855	ug/l #	19
56) Ethyl methacrylate	9.16	69	3616	3.411	ug/l #	6
58) 2-Chloroethyl Vinyl ether	8.32	63	54	14.258	ug/l #	49
59) 2-Hexanone	9.51	43	1452	0.284	ug/l	100
67) Ethyl Benzene	10.26	91	591643	34.701	ug/l	97
68) m/p-Xylenes	10.36	106	718624	107.860	ug/l	96
69) o-Xylene	10.70	106	80406	13.139	ug/l	98

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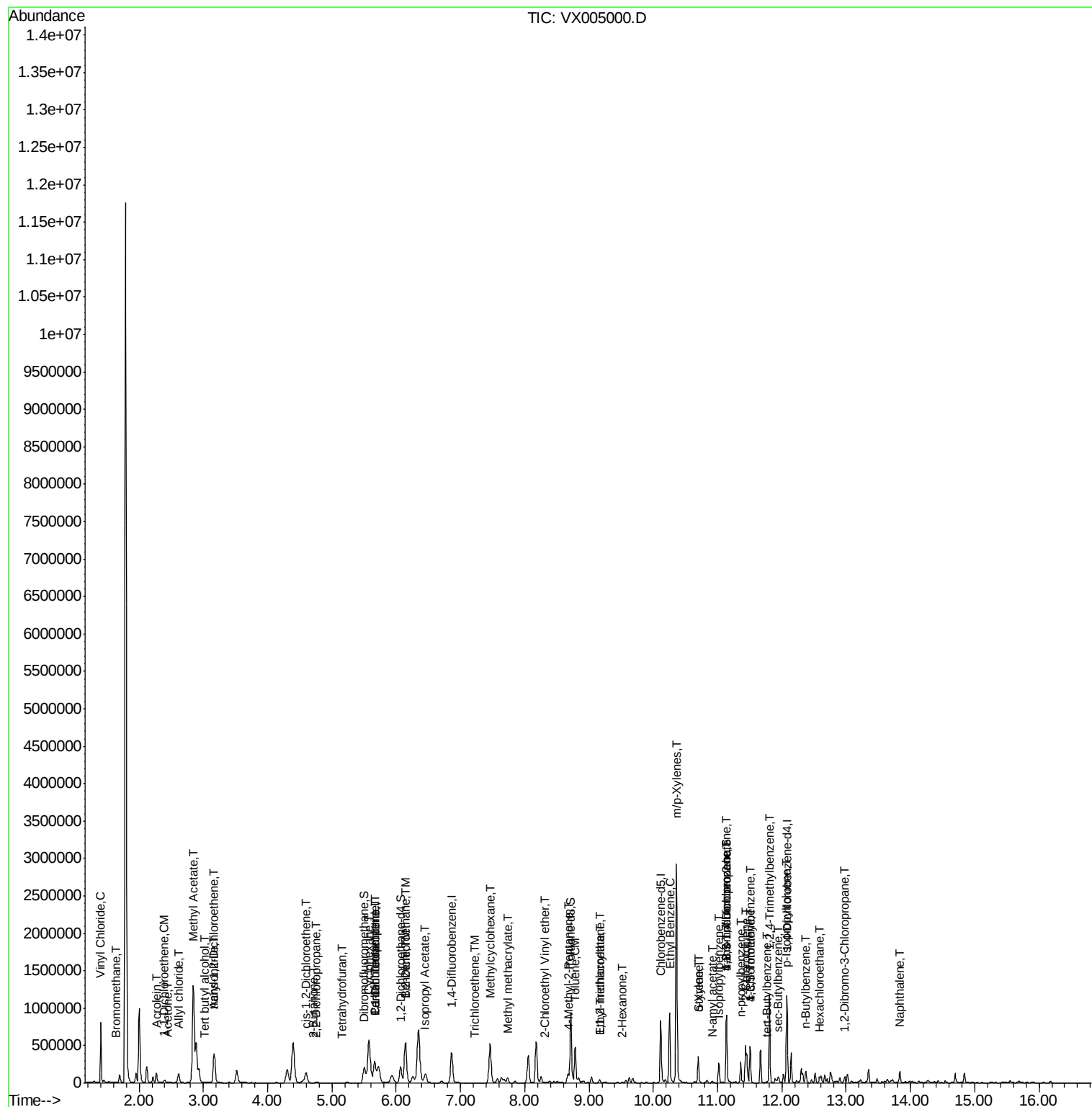
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Styrene	10.70	104	4904	2.551	ug/l #	1
73) Isopropylbenzene	11.02	105	143787	9.148	ug/l	100
74) N-amyl acetate	10.91	43	646	1.820	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	115935	20.742	ug/l #	35
78) n-propylbenzene	11.36	91	176844	9.806	ug/l	97
79) 2-Chlorotoluene	11.43	91	51064	4.543	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	211986	14.575	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	115935	56.311	ug/l #	9
82) 4-Chlorotoluene	11.51	91	22513	1.701	ug/l #	46
83) tert-Butylbenzene	11.77	119	5535	0.428	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	536344	36.046	ug/l	99
85) sec-Butylbenzene	11.94	105	39959	2.535	ug/l	82
86) p-Isopropyltoluene	12.07	119	25511	1.786	ug/l	96
89) n-Butylbenzene	12.38	91	23413	1.805	ug/l #	32
90) Hexachloroethane	12.58	117	3612	1.519	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	420	0.299	ug/l #	1
95) Naphthalene	13.83	128	91691	5.076	ug/l	98

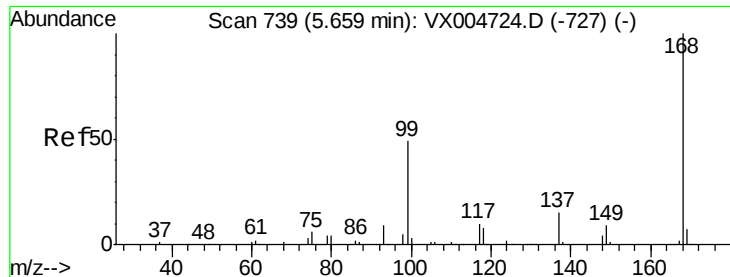
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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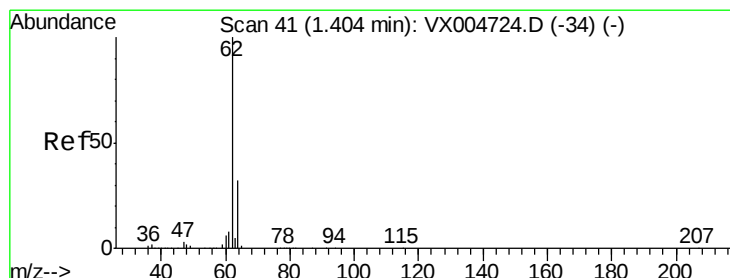
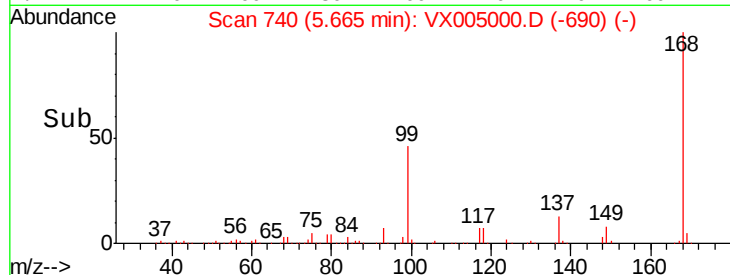
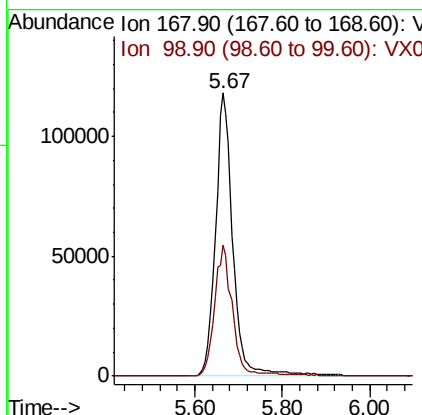
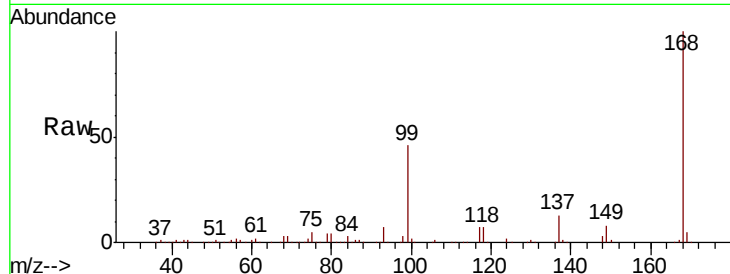




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

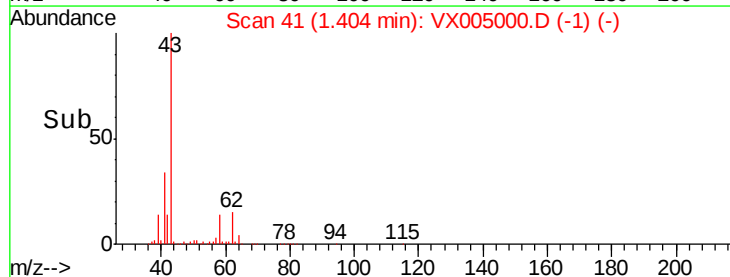
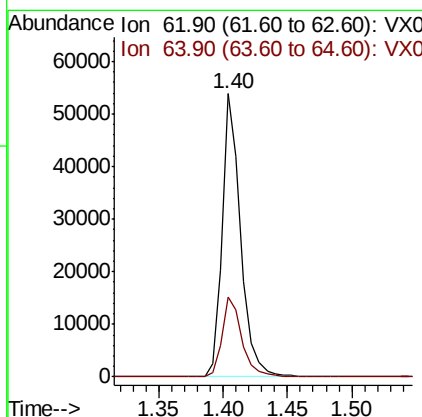
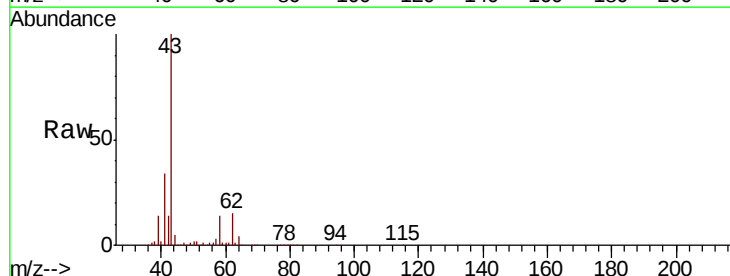
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

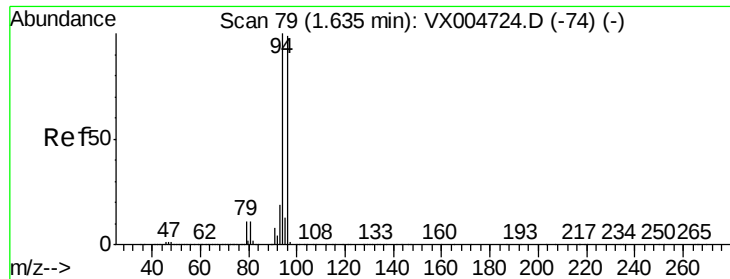
Tot Ion:168 Resp: 323743
Ion Ratio Lower Upper
168 100
99 46.3 39.3 58.9



#4
Vinyl Chloride
Concen: 10.858 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 62 Resp: 54536
Ion Ratio Lower Upper
62 100
64 28.3 25.5 38.3





#5

Bromomethane

Concen: 0.223 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

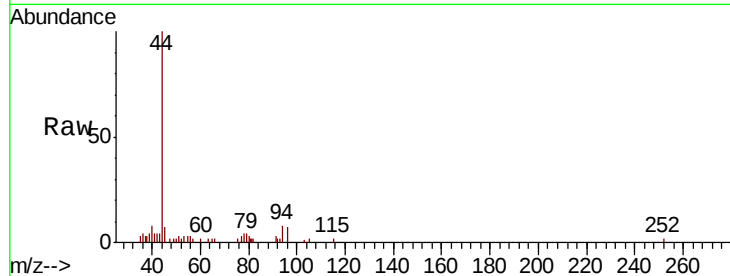
FA18-JMW-3202

Tot Ion: 94 Resp: 664

Ion Ratio Lower Upper

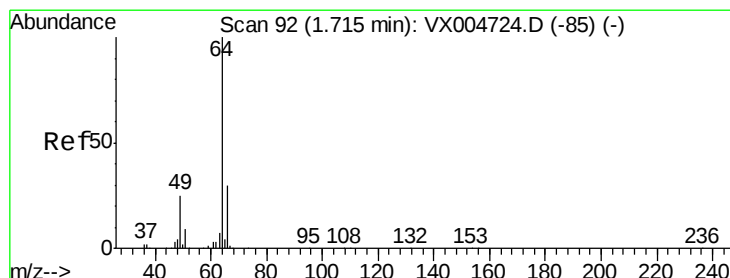
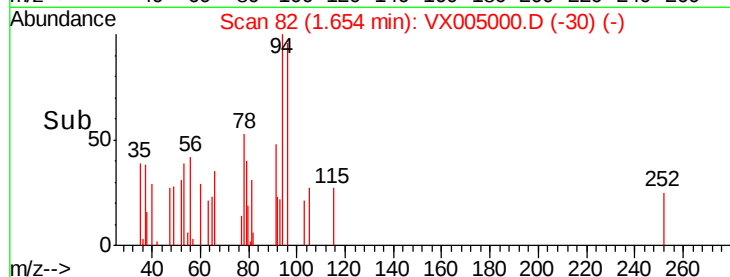
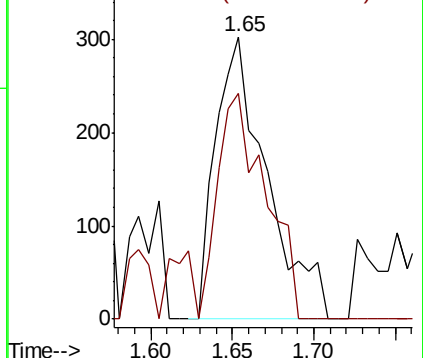
94 100

96 79.9 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005000.D

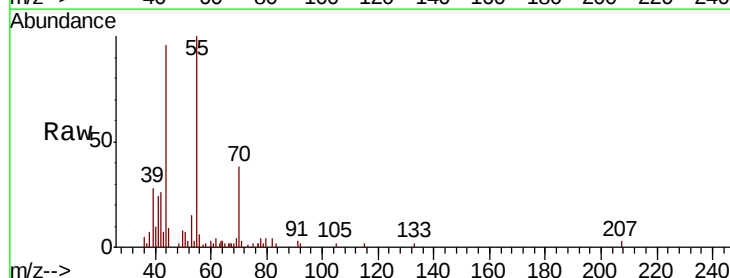
Acq: 04 Oct 2018 06:01

Tgt Ion: 64 Resp: 292

Ion Ratio Lower Upper

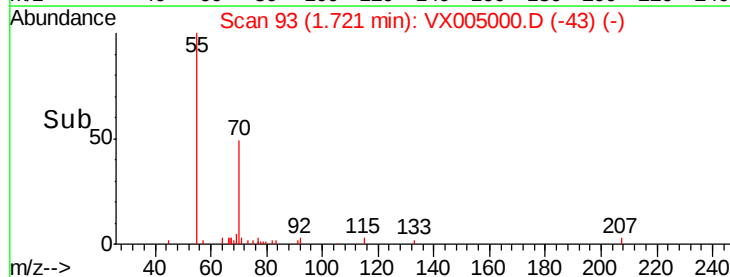
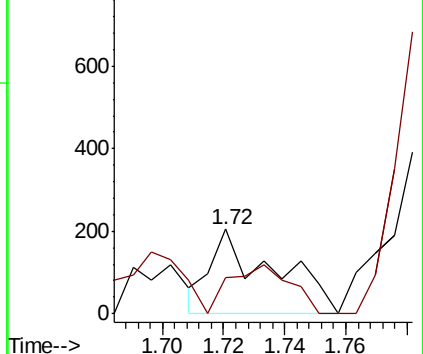
64 100

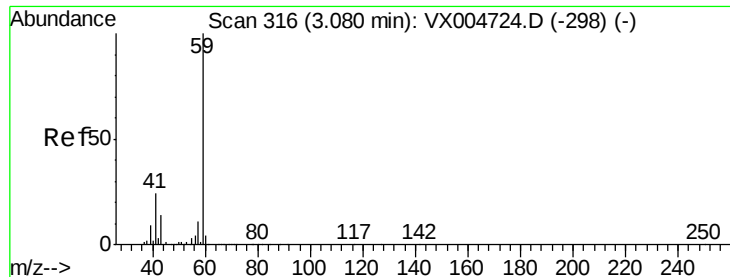
66 42.4 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



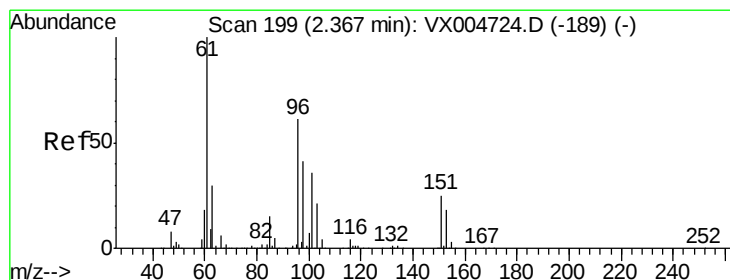
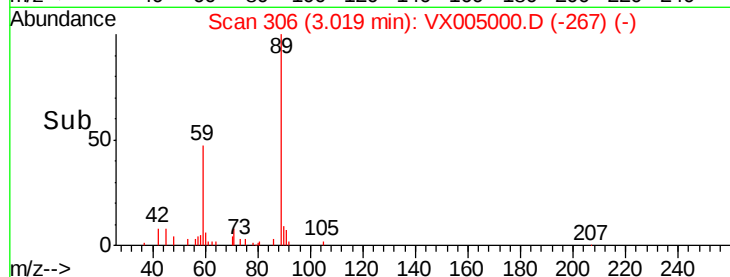
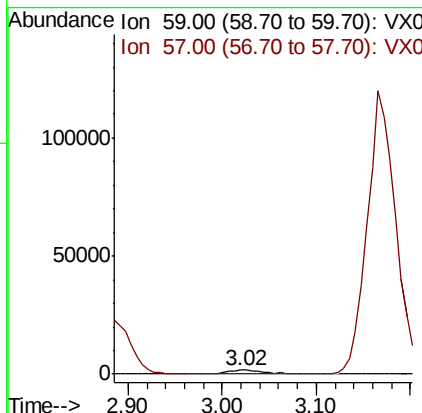
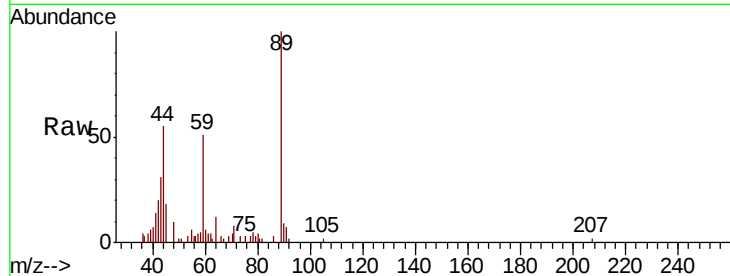


#11

Tert butyl alcohol
 Concen: 3.782 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX005000.D
 Acq: 04 Oct 2018 06:01

Instrument :
 MSVOA_X
 ClientSampled :
 FA18-JMW-3202

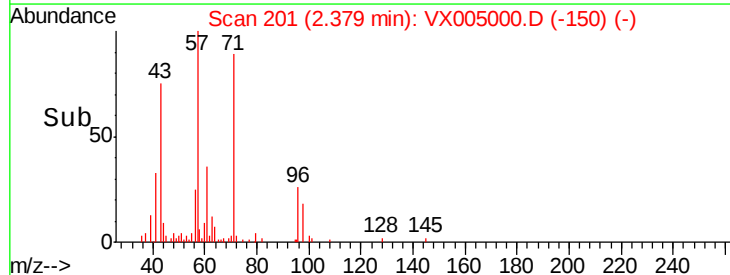
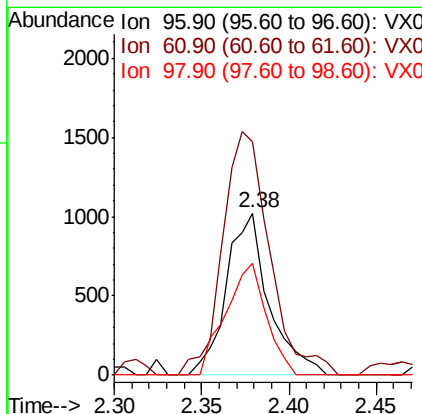
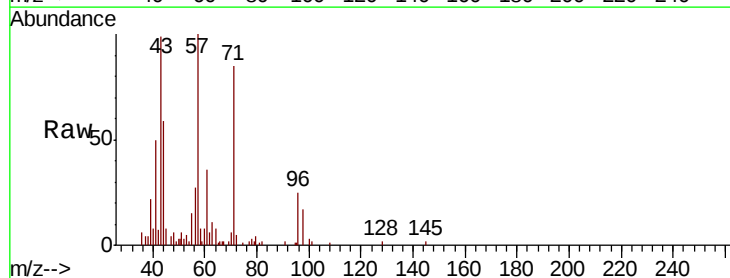
Tot Ion: 59 Resp: 4891
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

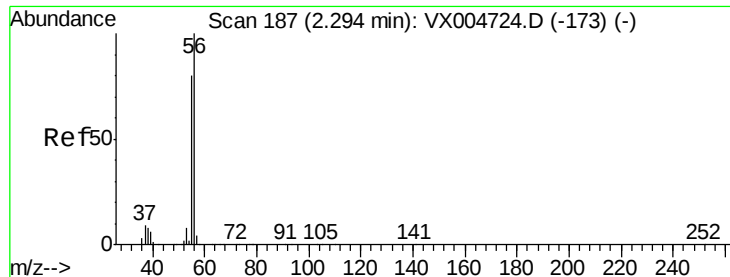


#12

1,1-Dichloroethene
 Concen: 0.492 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX005000.D
 Acq: 04 Oct 2018 06:01

Tgt Ion: 96 Resp: 1727
 Ion Ratio Lower Upper
 96 100
 61 144.4 130.2 195.4
 98 68.8 53.4 80.0





#13

Acrolein

Concen: 4.132 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

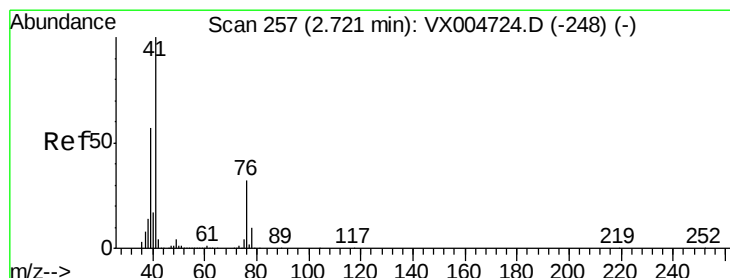
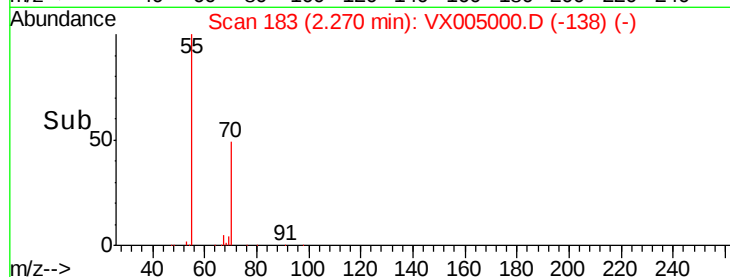
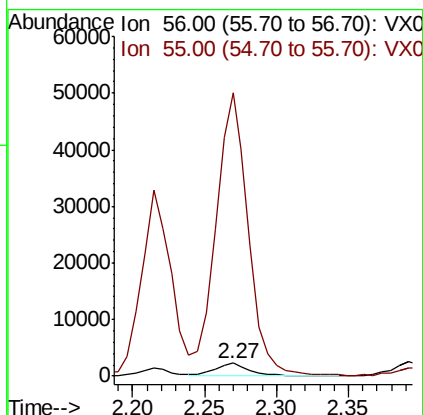
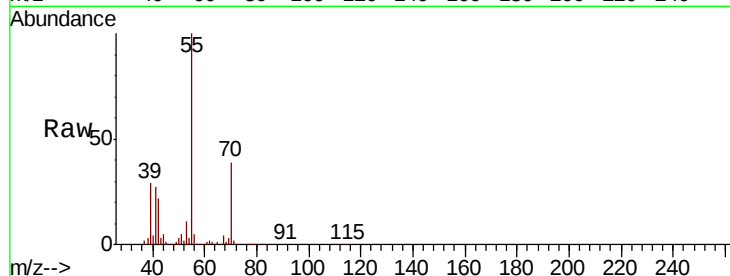
FA18-JMW-3202

Tot Ion: 56 Resp: 3802

Ion Ratio Lower Upper

56 100

55 2048.2 63.4 95.2#



#14

Allyl chloride

Concen: 1.629 ug/l

RT: 2.61 min Scan# 239

Delta R.T. -0.11 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

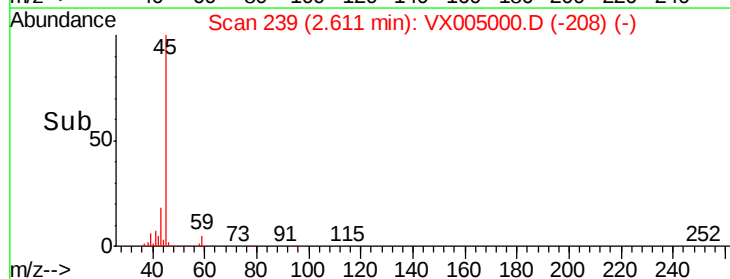
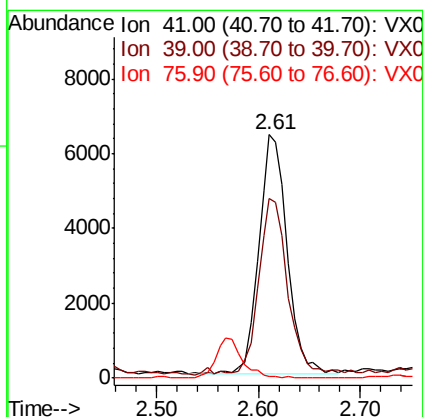
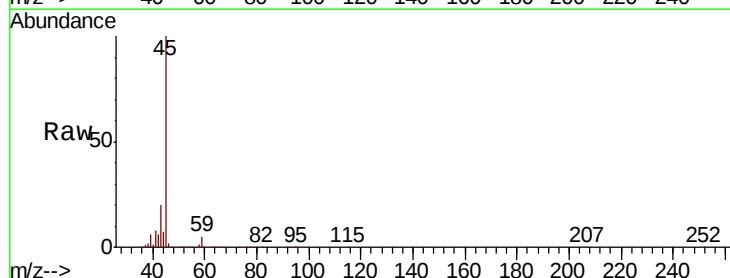
Tgt Ion: 41 Resp: 12470

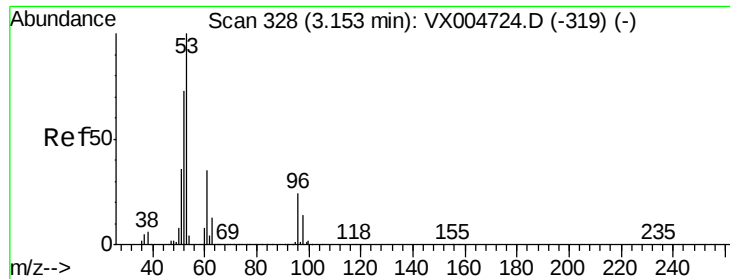
Ion Ratio Lower Upper

41 100

39 71.8 44.1 66.1#

76 0.0 25.0 37.4#





#15

Acrylonitrile

Concen: 2.990 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

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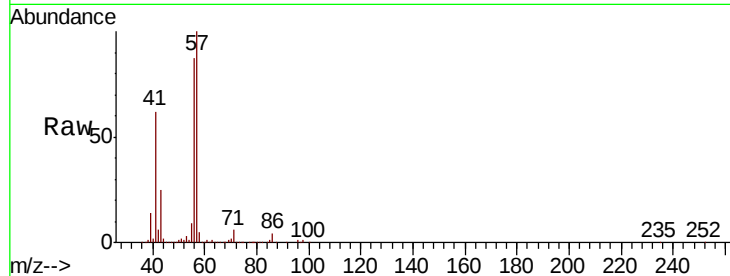
Tot Ion: 53 Resp: 8512

Ion Ratio Lower Upper

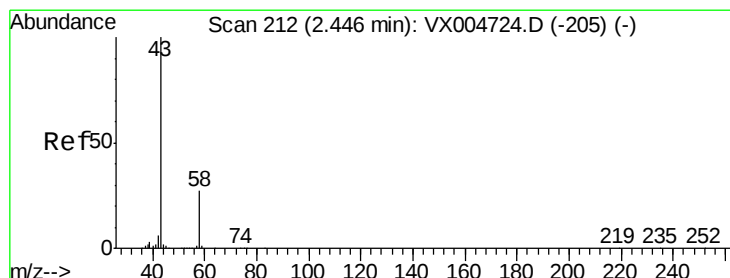
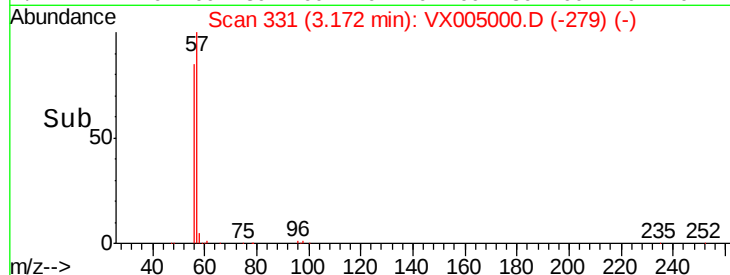
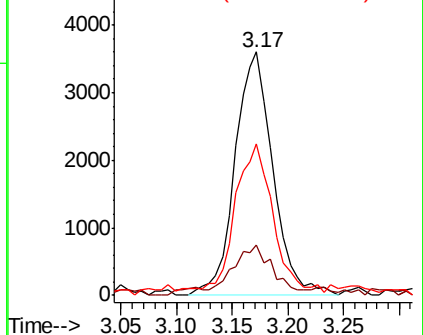
53 100

52 20.6 63.0 94.4#

51 61.1 28.6 42.8#



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: 4.363 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005000.D

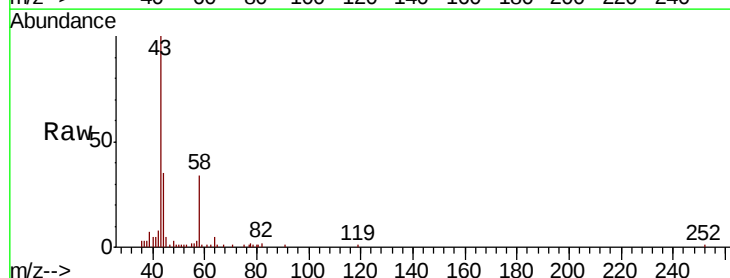
Acq: 04 Oct 2018 06:01

Tgt Ion: 43 Resp: 11781

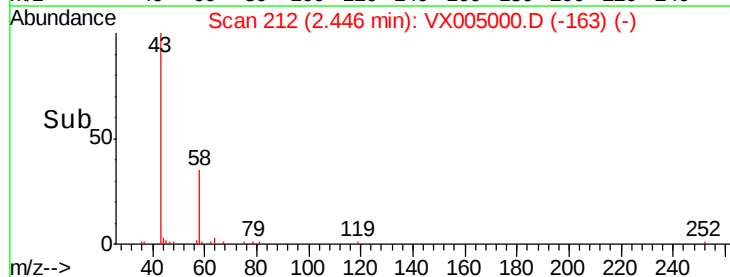
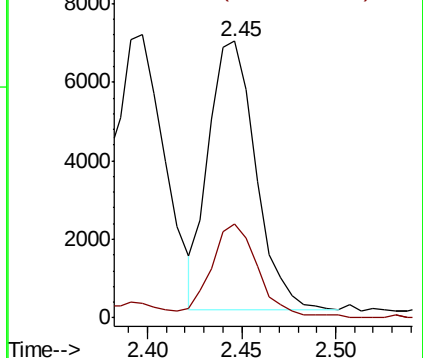
Ion Ratio Lower Upper

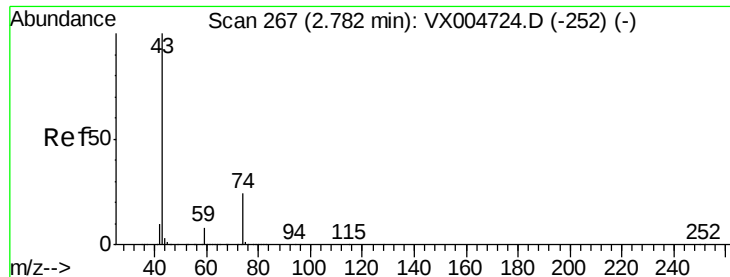
43 100

58 34.0 21.8 32.6#



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

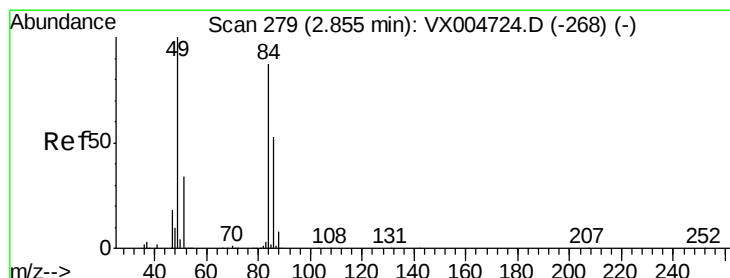
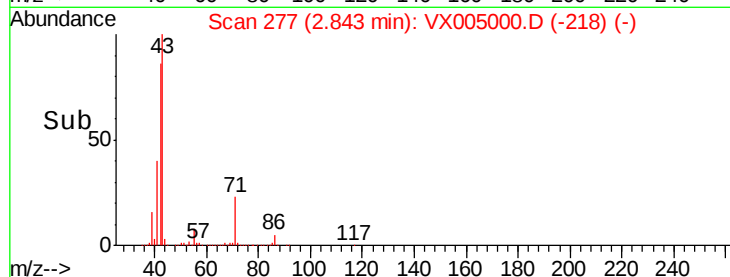
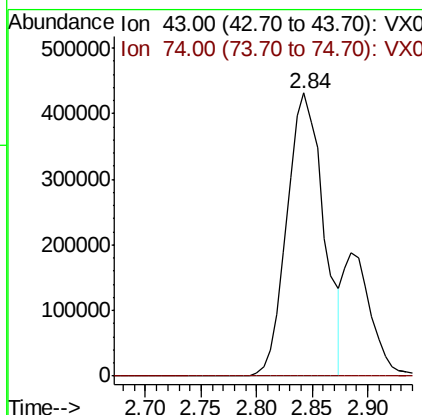
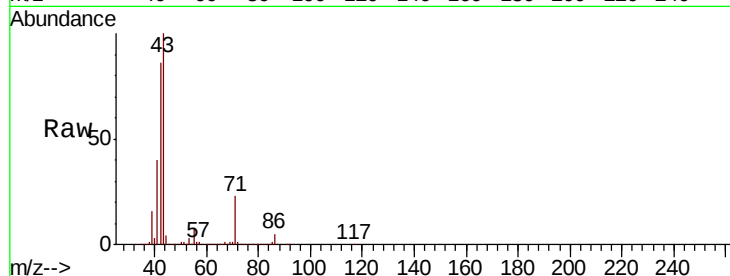




#18
Methvl Acetate
Concen: 144.690 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

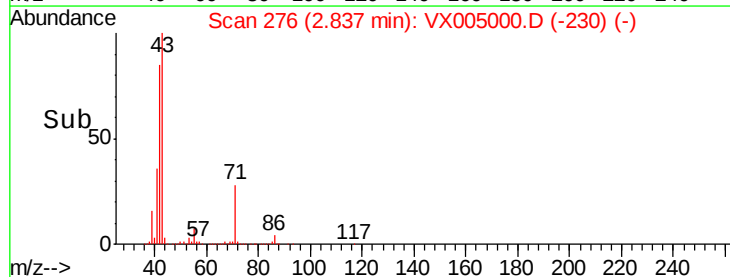
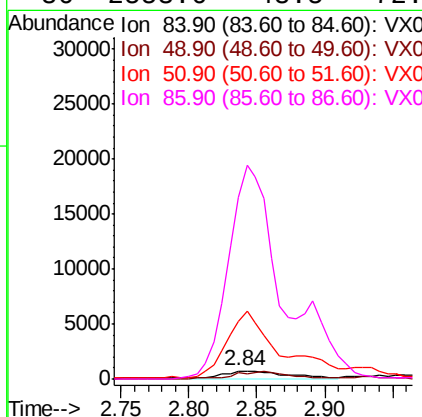
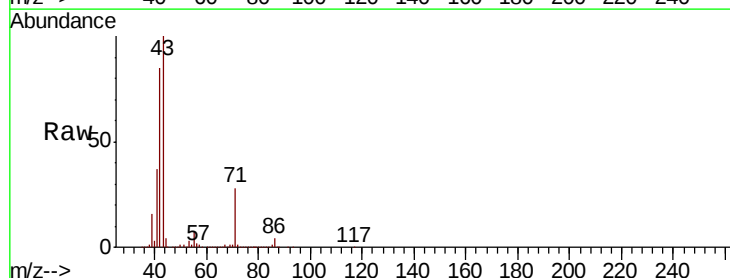
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

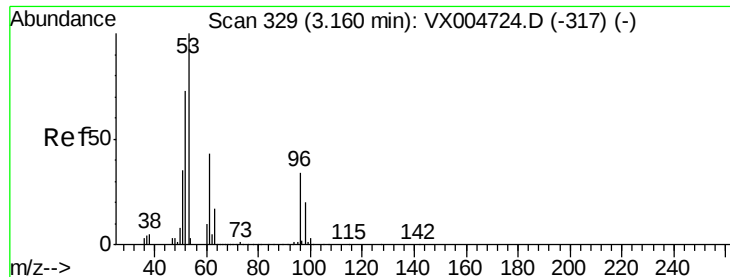
Tot Ion: 43 Resp: 989777
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 84 Resp: 2499
Ion Ratio Lower Upper
84 100
49 76.3 92.3 138.5#
51 793.6 31.8 47.6#
86 2553.6 48.5 72.7#





#21

trans-1,2-Dichloroethene

Concen: 0.553 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202

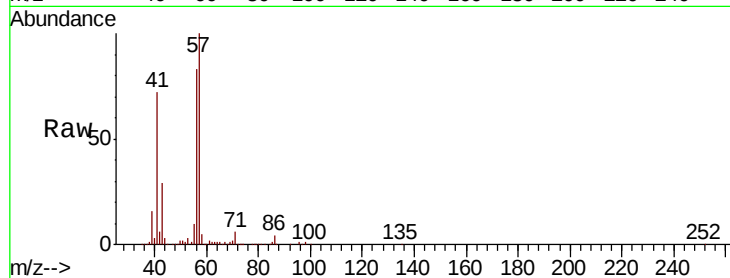
Tot Ion: 96 Resp: 2125

Ion Ratio Lower Upper

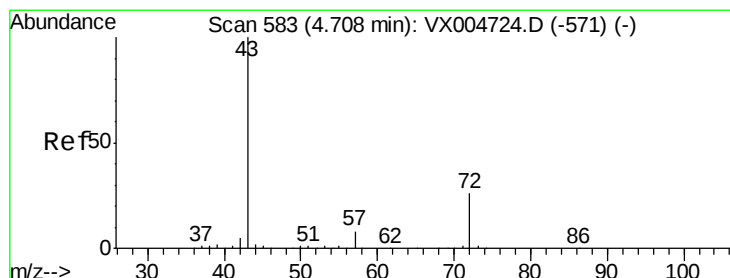
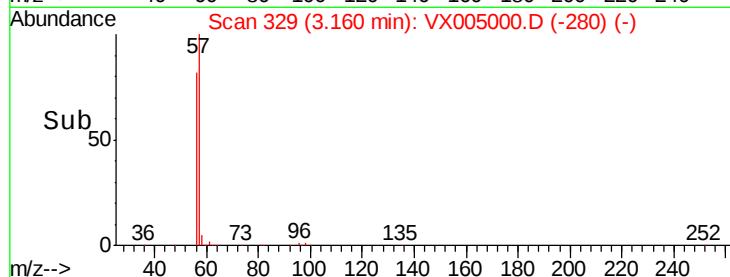
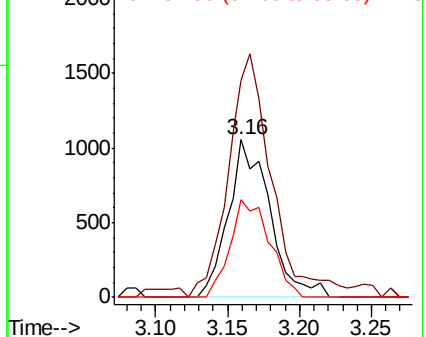
96 100

61 137.9 101.0 151.6

98 62.1 47.2 70.8



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



#25

2-Butanone

Concen: 0.609 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005000.D

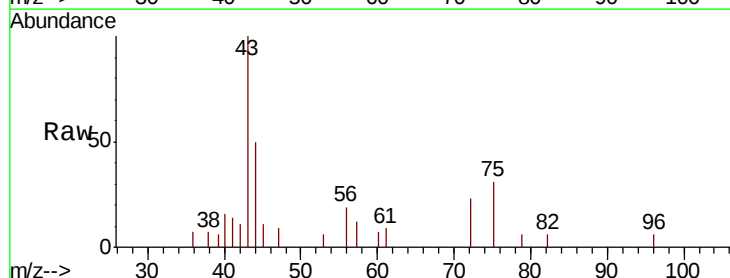
Acq: 04 Oct 2018 06:01

Tgt Ion: 43 Resp: 2422

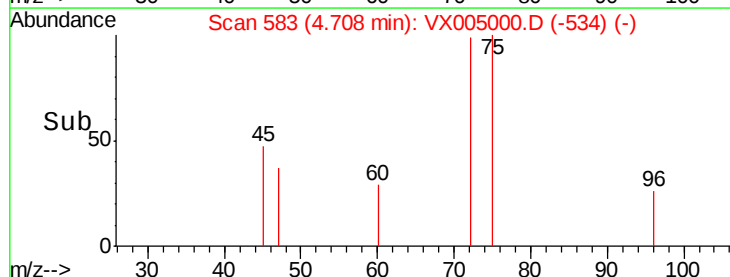
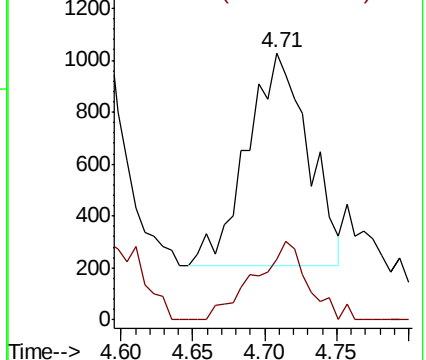
Ion Ratio Lower Upper

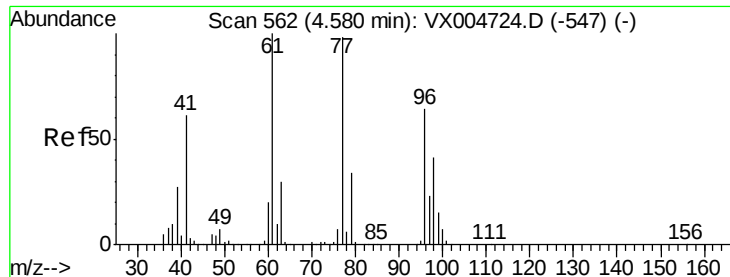
43 100

72 28.6 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 0.237 ug/l

RT: 4.75 min Scan# 590

Delta R.T. 0.17 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

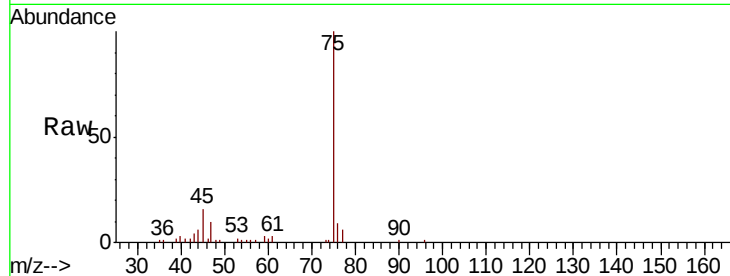
FA18-JMW-3202

Tot Ion: 77 Resp: 1271

Ion Ratio Lower Upper

77 100

97 0.0 12.6 37.8#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.75

400

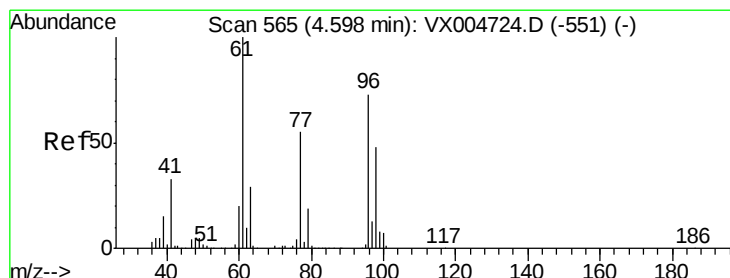
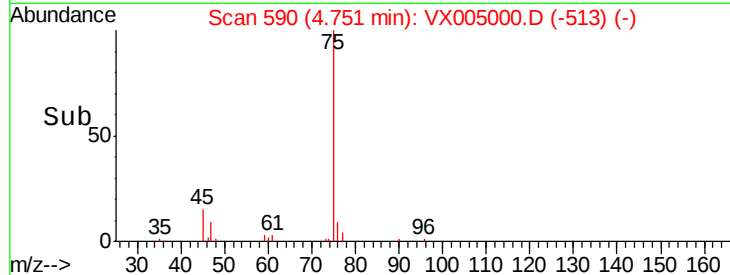
300

200

100

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 19.839 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

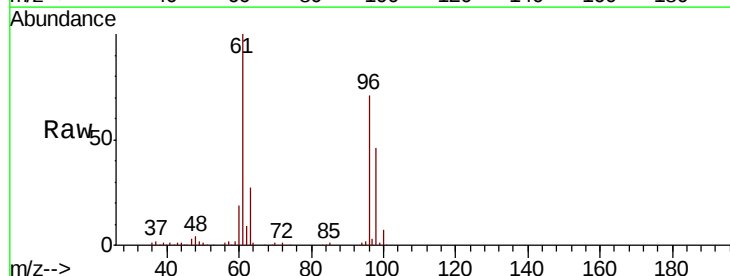
Tgt Ion: 96 Resp: 85103

Ion Ratio Lower Upper

96 100

61 134.0 0.0 285.8

98 65.3 0.0 136.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

60000

50000

40000

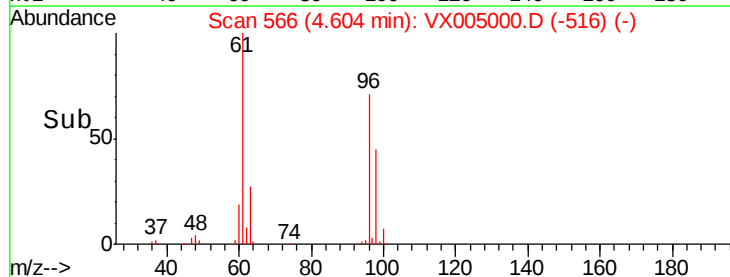
30000

20000

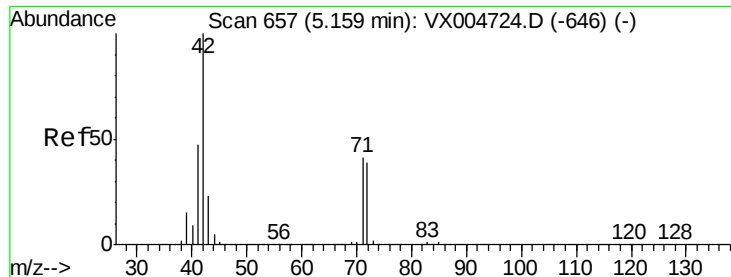
10000

0

Time-->



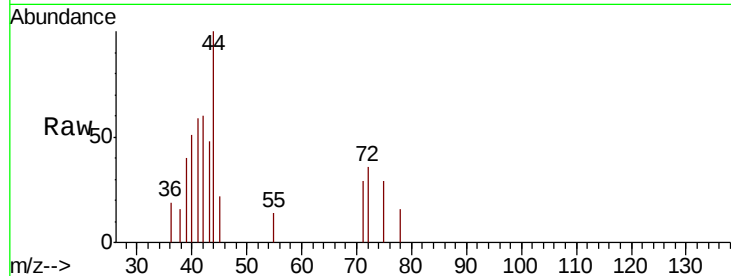
Time-->



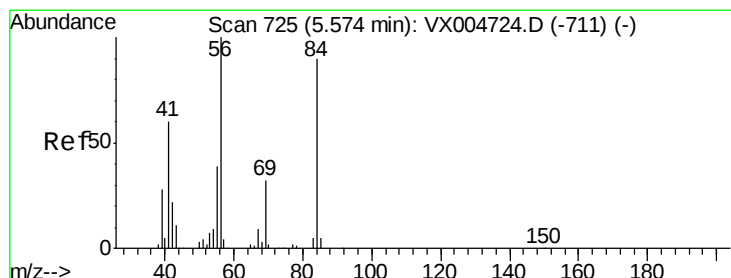
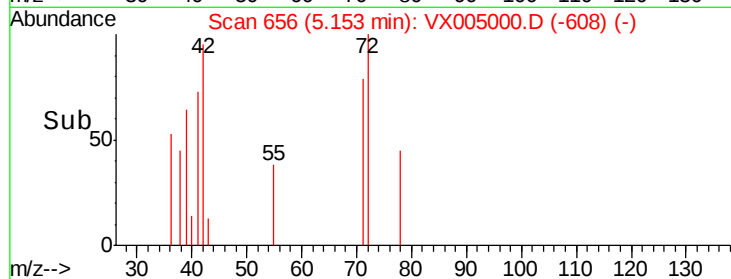
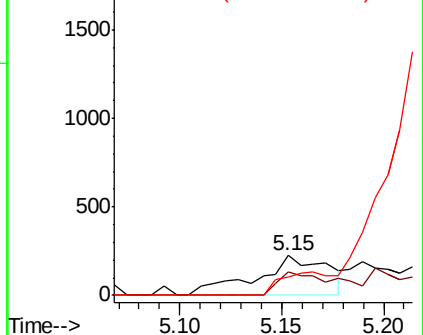
#29
Tetrahydrofuran
Concen: 0.220 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampled :
FA18-JMW-3202

Tot Ion: 42 Resp: 544
Ion Ratio Lower Upper
42 100
72 49.4 33.7 50.5
71 38.1 32.2 48.4

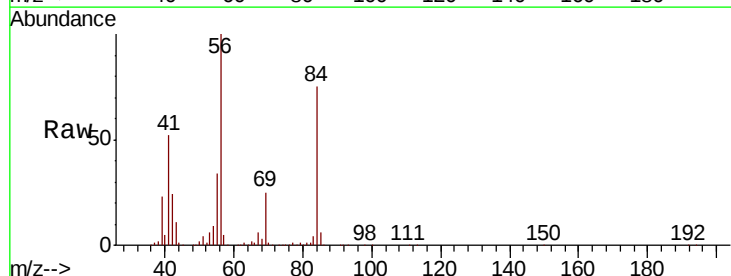


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

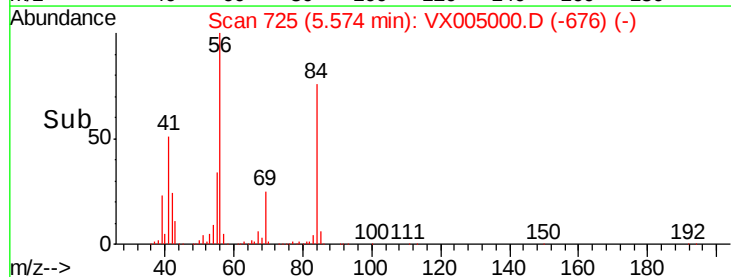
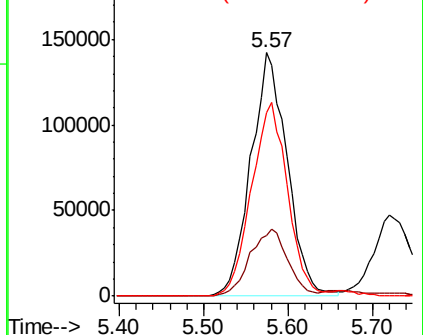


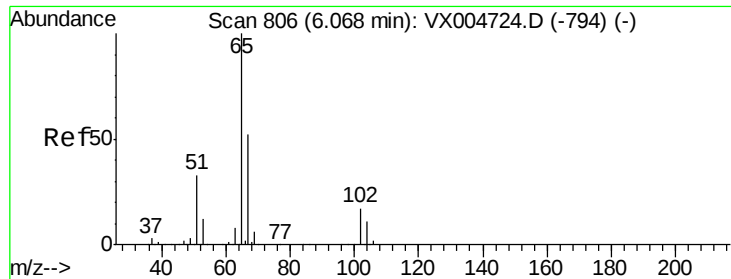
#31
Cyclohexane
Concen: 70.953 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 56 Resp: 417506
Ion Ratio Lower Upper
56 100
69 24.8 25.9 38.9#
84 75.5 71.9 107.9



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





#33

1,2-Dichloroethane-d4

Concen: 43.224 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

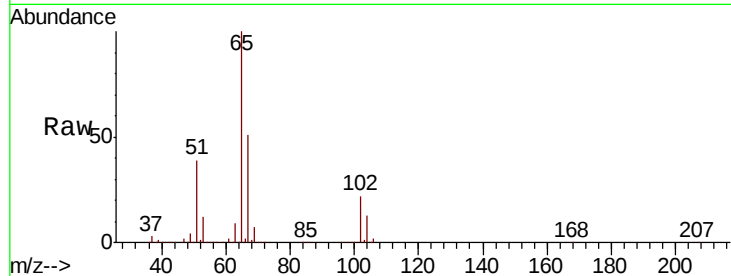
FA18-JMW-3202

Tot Ion: 65 Resp: 199898

Ion Ratio Lower Upper

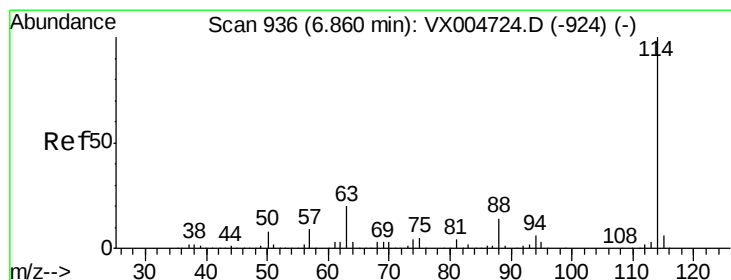
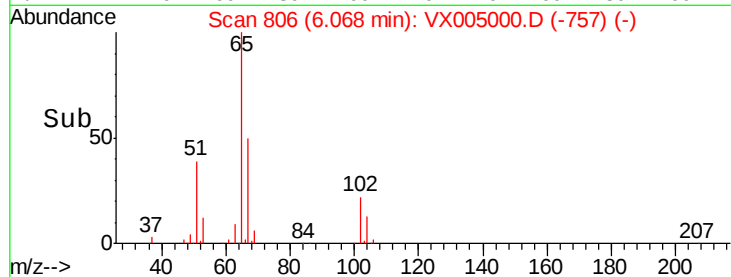
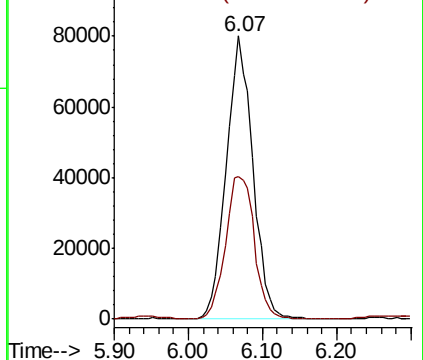
65 100

67 54.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

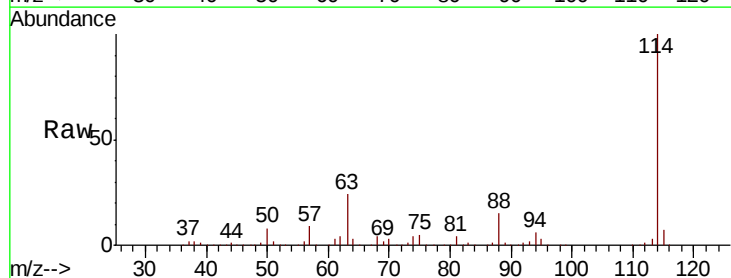
Tgt Ion: 114 Resp: 439166

Ion Ratio Lower Upper

114 100

63 23.7 0.0 39.8

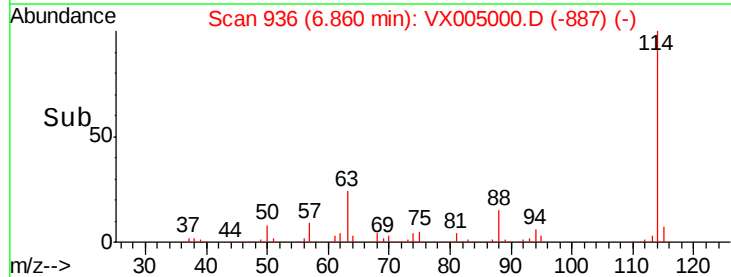
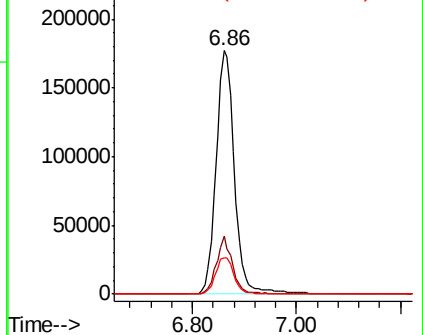
88 14.9 0.0 27.0

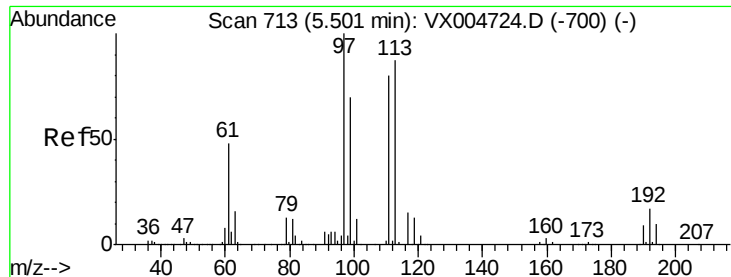


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

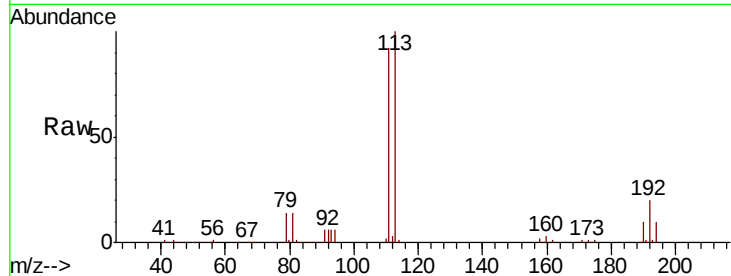




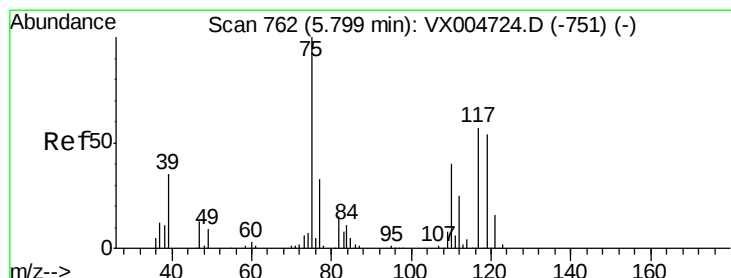
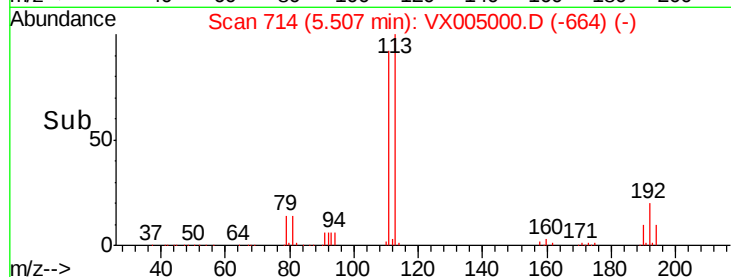
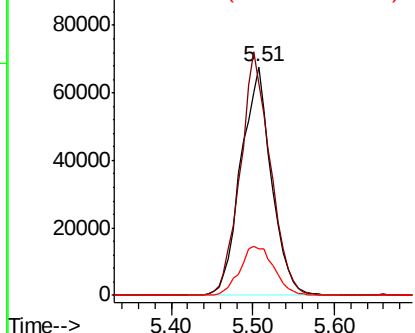
#35
 Dibromofluoromethane
 Concen: 47.265 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005000.D
 Acq: 04 Oct 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202

Tot Ion:113 Resp: 175921
 Ion Ratio Lower Upper
 113 100
 111 105.0 77.0 115.4
 192 24.0 17.0 25.6

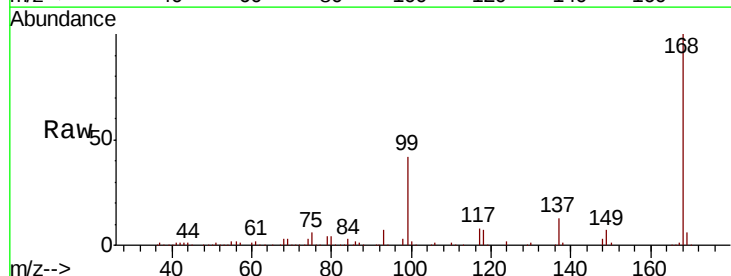


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

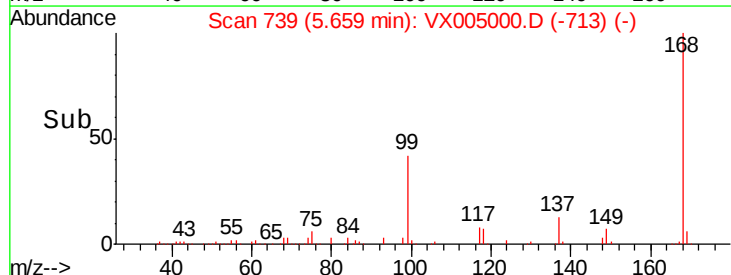
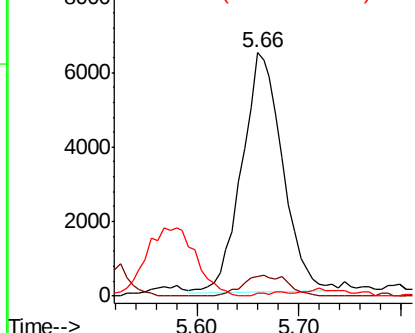


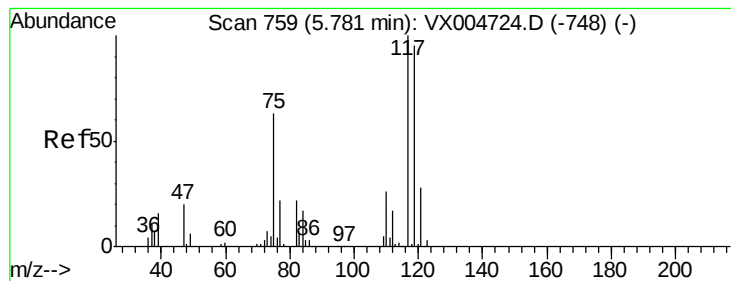
#36
 1,1-Dichloropropene
 Concen: 3.538 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005000.D
 Acq: 04 Oct 2018 06:01

Tgt Ion: 75 Resp: 17969
 Ion Ratio Lower Upper
 75 100
 110 9.6 20.0 59.9#
 77 0.0 27.1 40.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.814 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202

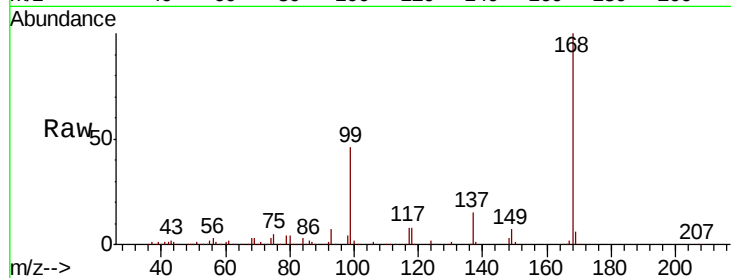
Tot Ion:117 Resp: 25697

Ion Ratio Lower Upper

117 100

119 4.5 75.2 112.8#

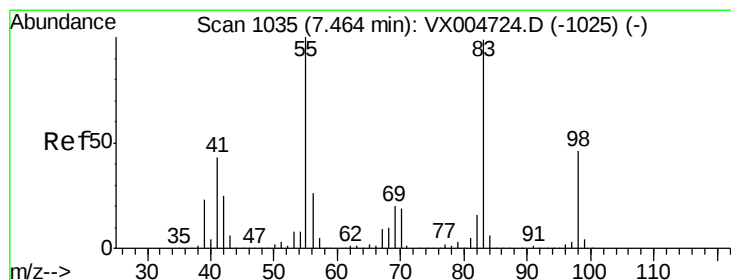
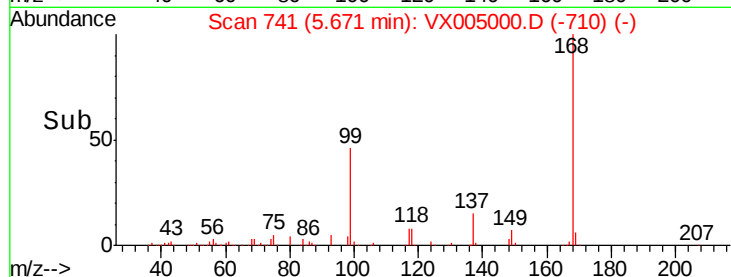
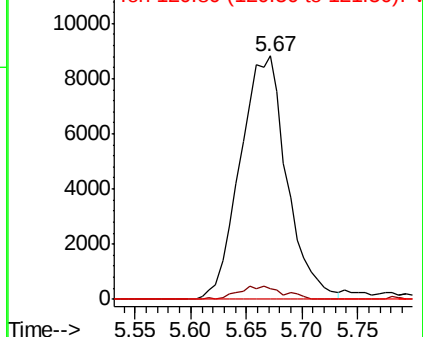
121 0.0 22.5 33.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 47.053 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

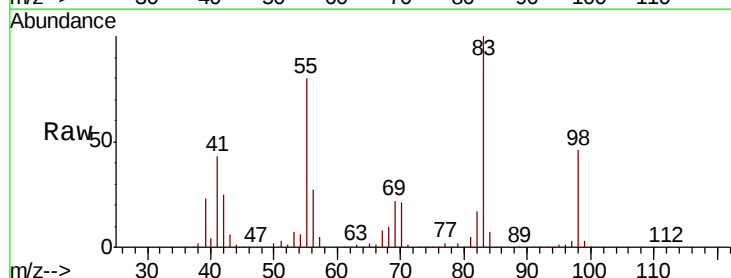
Tgt Ion: 83 Resp: 243986

Ion Ratio Lower Upper

83 100

55 79.6 81.1 121.7#

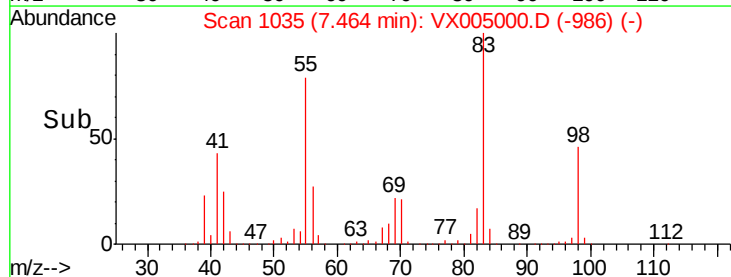
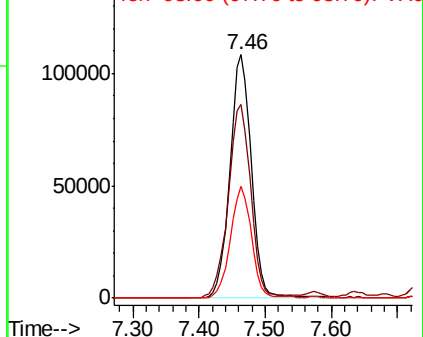
98 45.7 37.3 55.9

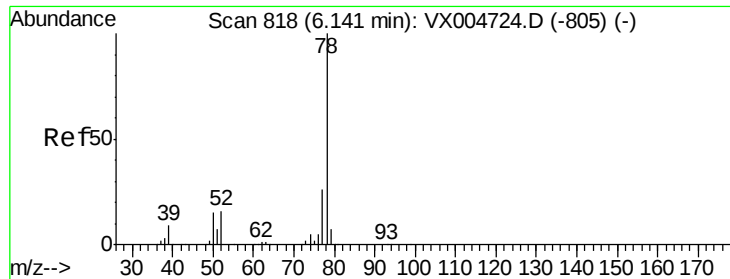


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 41.566 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

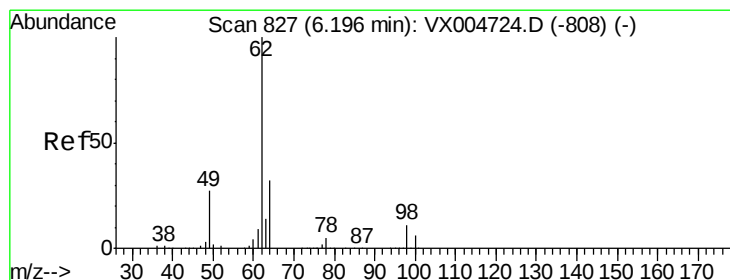
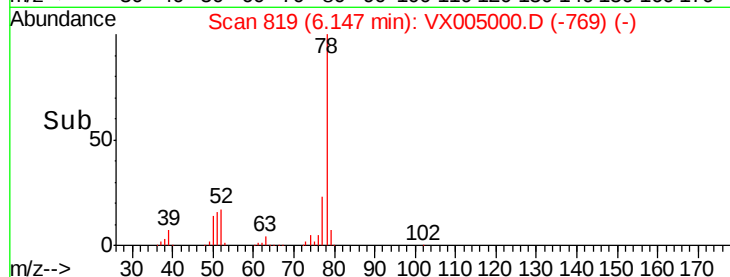
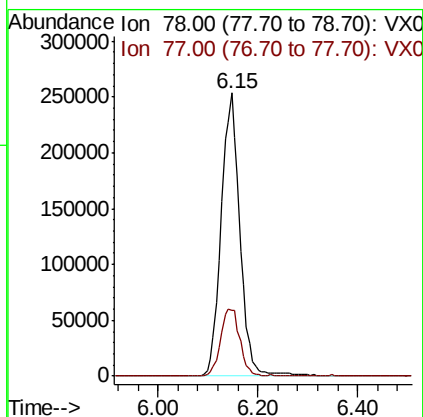
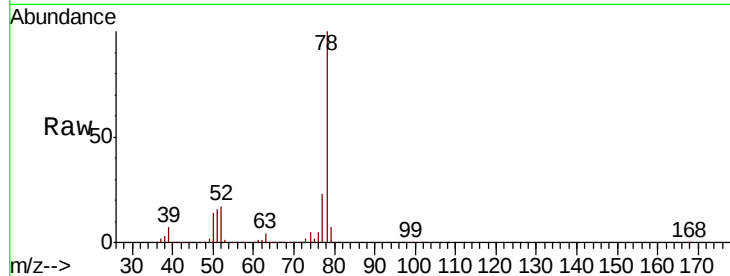
FA18-JMW-3202

Tot Ion: 78 Resp: 660816

Ion Ratio Lower Upper

78 100

77 23.3 21.0 31.4



#42

1,2-Dichloroethane

Concen: 0.982 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.05 min

Lab File: VX005000.D

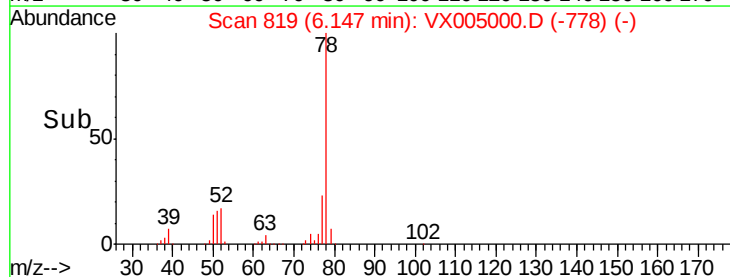
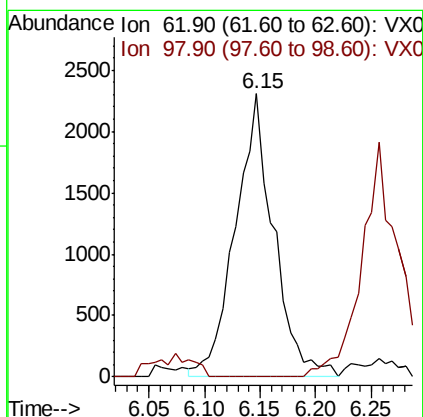
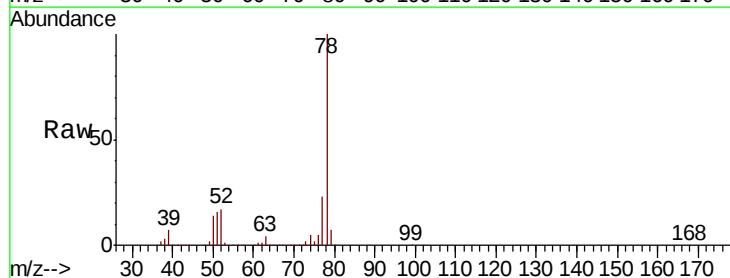
Acq: 04 Oct 2018 06:01

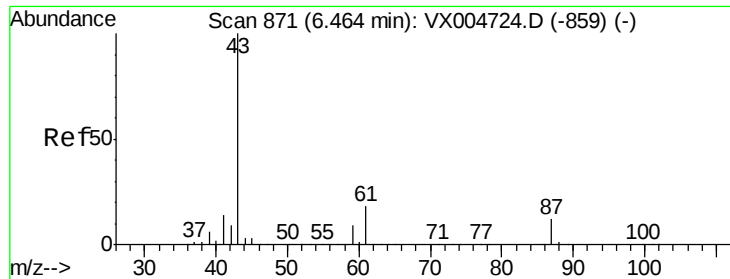
Tgt Ion: 62 Resp: 5519

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 0.722 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202

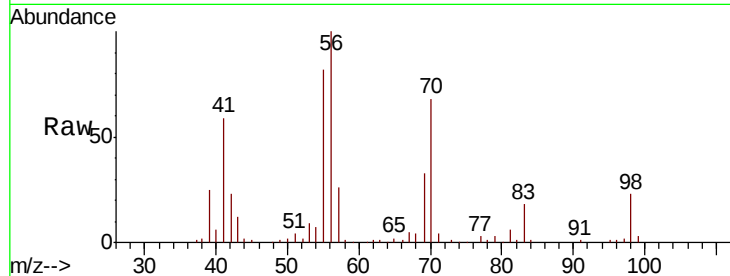
Tot Ion: 43 Resp: 7028

Ion Ratio Lower Upper

43 100

61 1.8 14.2 21.4#

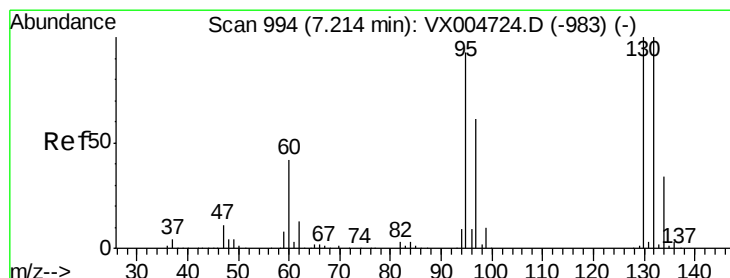
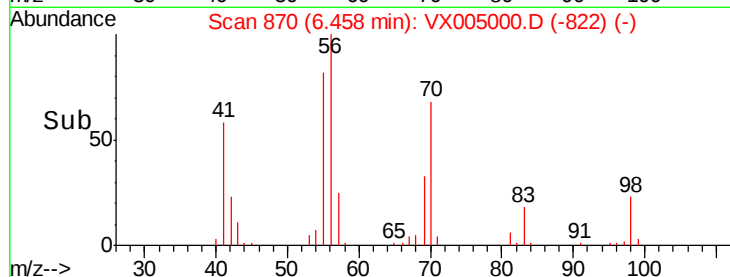
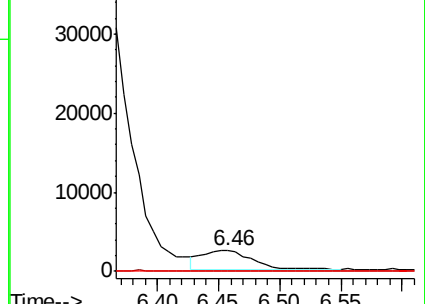
87 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.348 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005000.D

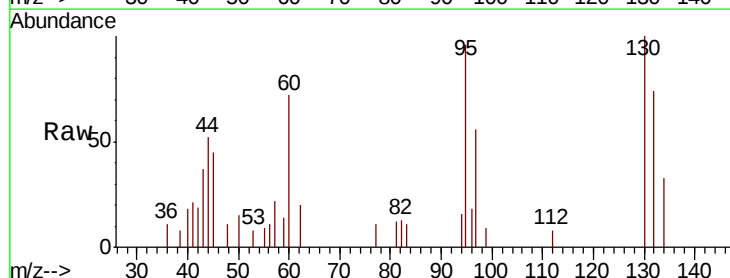
Acq: 04 Oct 2018 06:01

Tgt Ion:130 Resp: 1359

Ion Ratio Lower Upper

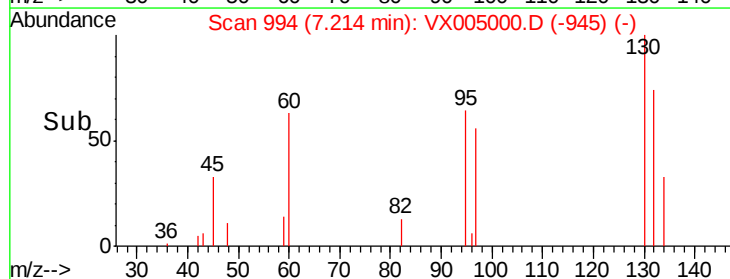
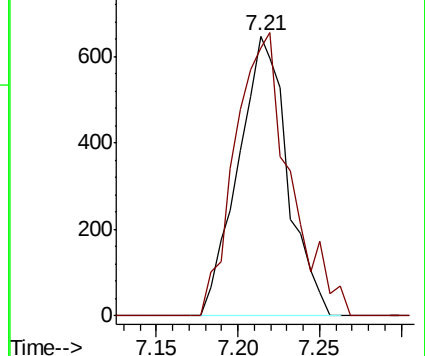
130 100

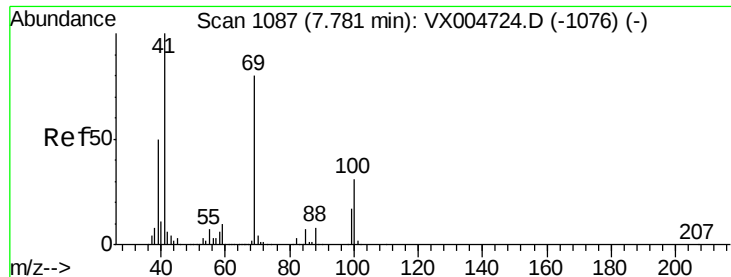
95 95.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

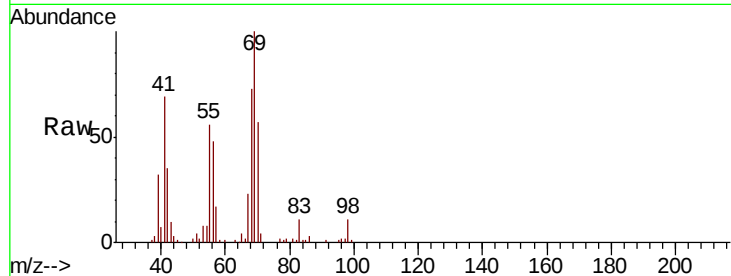




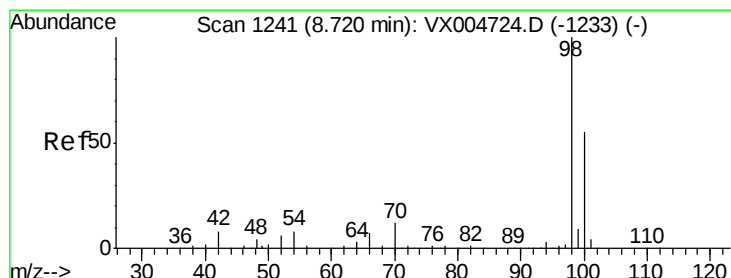
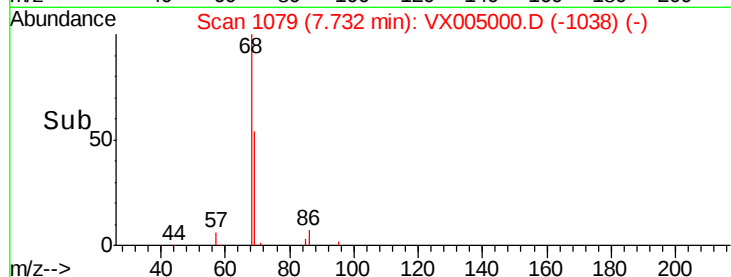
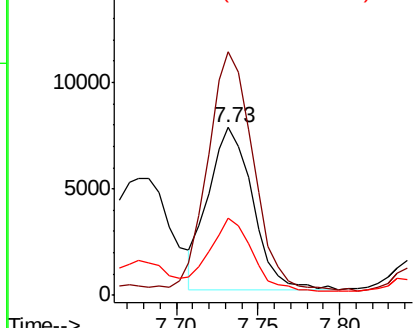
#48
Methyl methacrylate
Concen: 3.281 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.05 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tot Ion: 41 Resp: 14491
Ion Ratio Lower Upper
41 100
69 154.2 63.8 95.6#
39 47.6 40.7 61.1

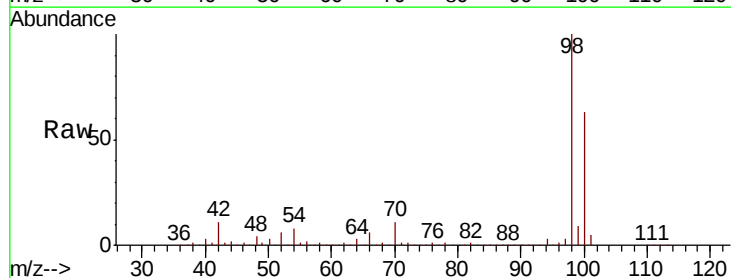


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

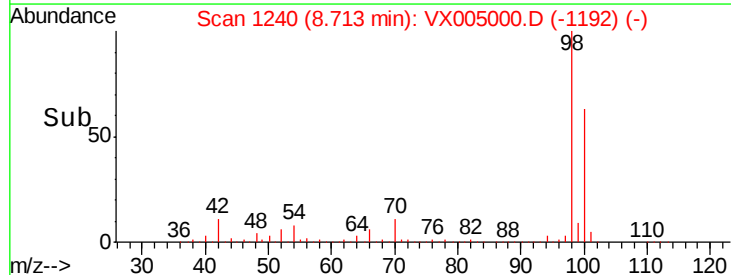
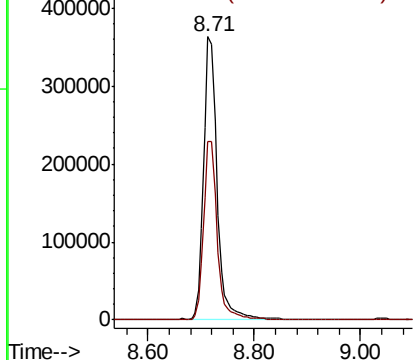


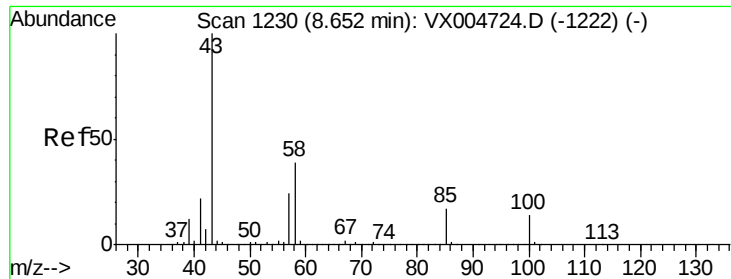
#50
Toluene-d8
Concen: 50.939 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 98 Resp: 630305
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



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

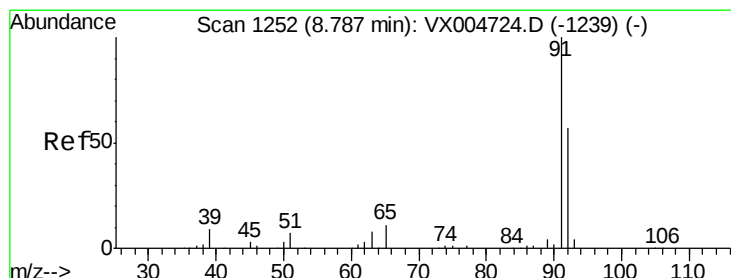
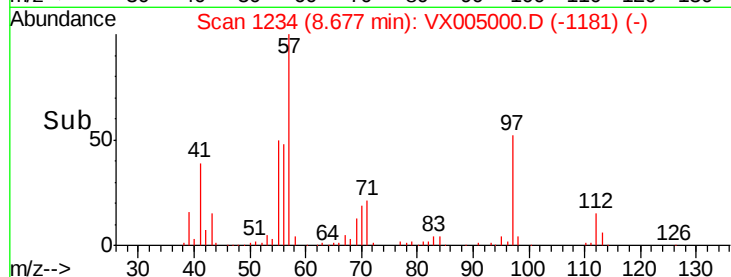
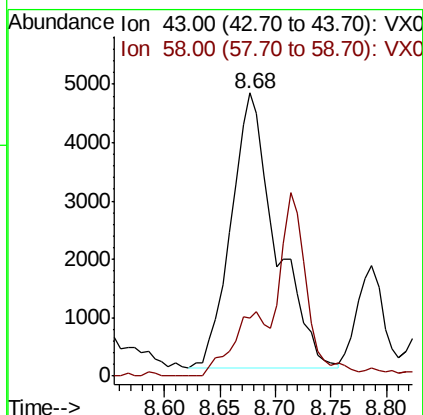
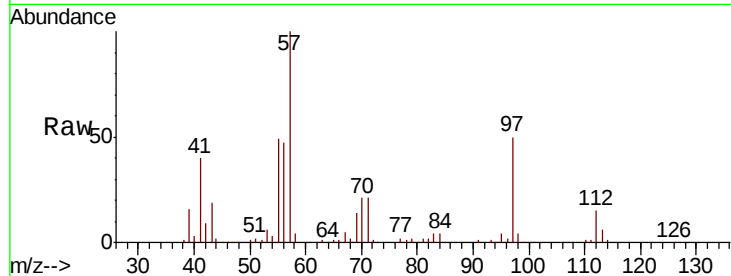




#51
4-Methyl-2-Pentanone
Concen: 2.139 ug/l
RT: 8.68 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

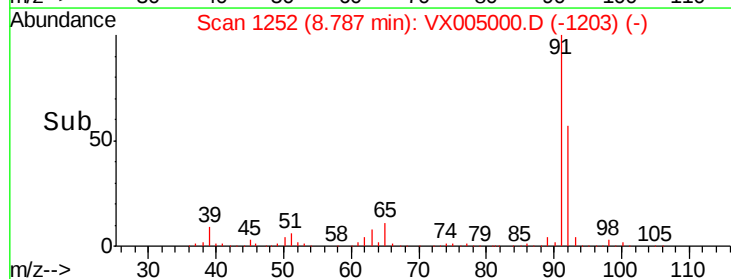
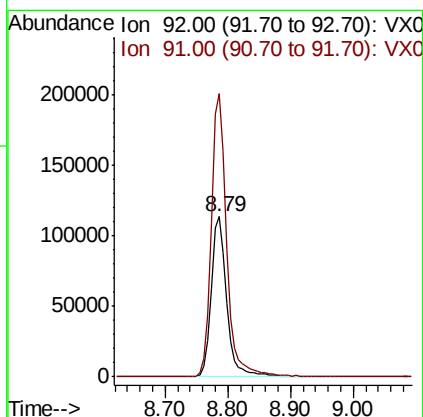
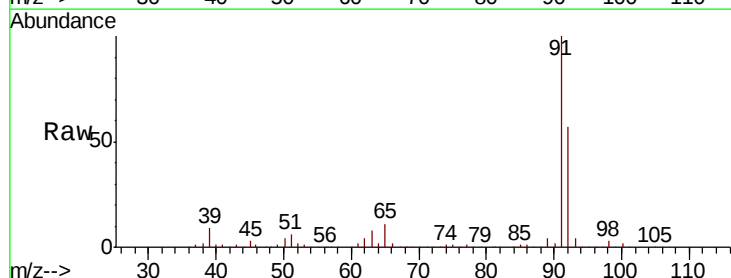
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

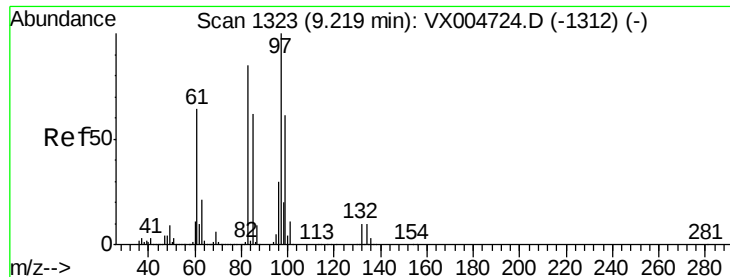
Tot Ion: 43 Resp: 13105
Ion Ratio Lower Upper
43 100
58 18.6 30.5 45.7#



#52
Toluene
Concen: 22.266 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 92 Resp: 194508
Ion Ratio Lower Upper
92 100
91 175.7 136.7 205.1

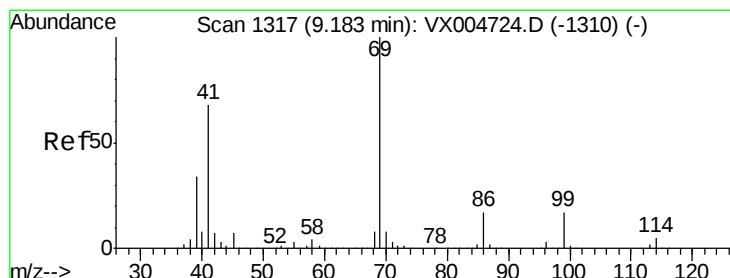
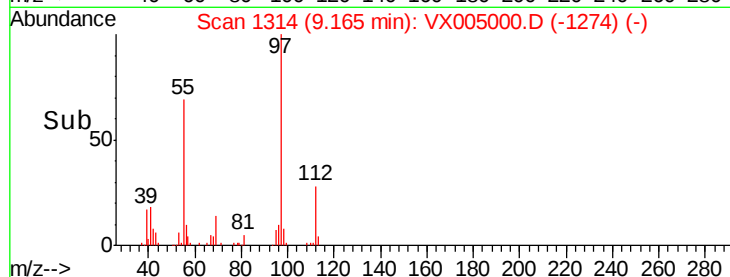
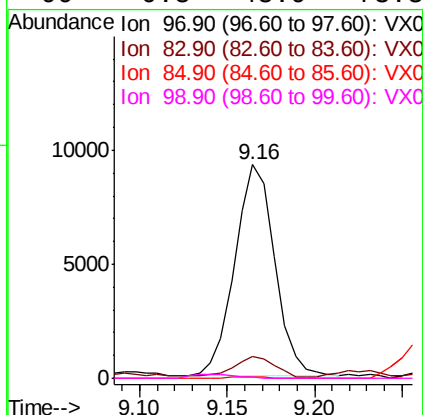
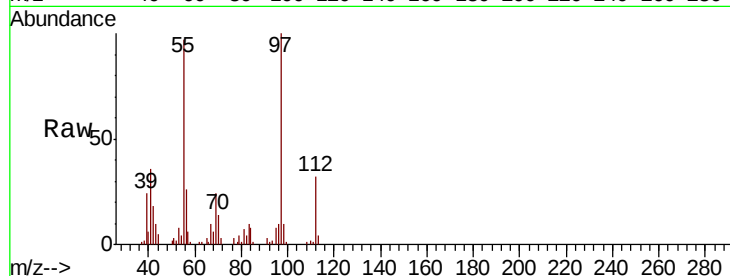




#55
 1,1,2-Trichloroethane
 Concen: 3.855 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX005000.D
 Acq: 04 Oct 2018 06:01

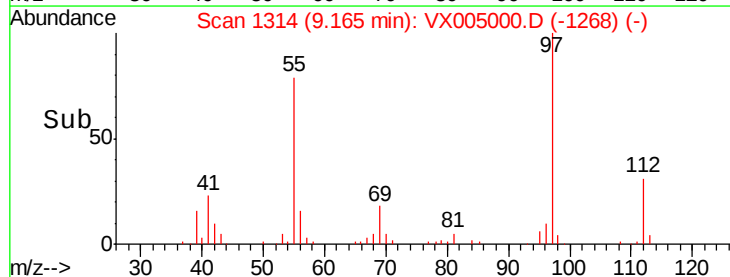
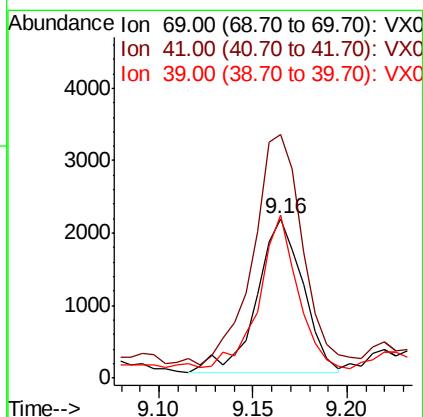
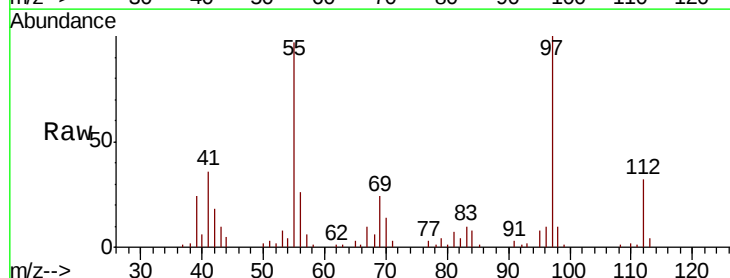
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202

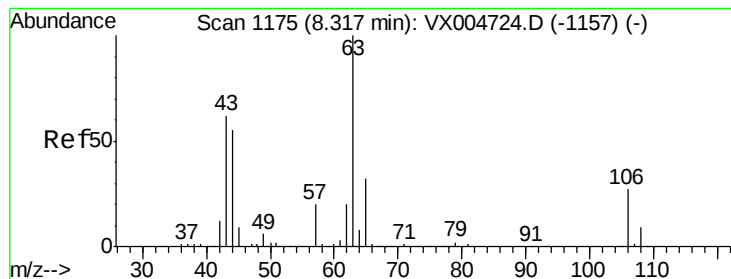
Tot Ion	Ratio	Lower	Upper
97	100		
83	9.1	68.2	102.2#
85	0.7	49.9	74.9#
99	0.8	48.9	73.3#



#56
 Ethyl methacrylate
 Concen: 3.411 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VX005000.D
 Acq: 04 Oct 2018 06:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	154.0	56.9	85.3#
39	83.8	28.4	42.6#





#58

2-Chloroethyl Vinyl ether

Concen: 14.258 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

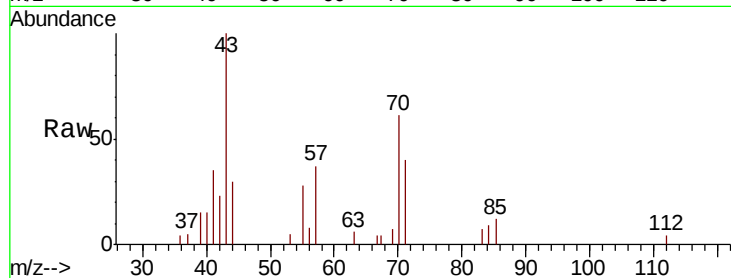
FA18-JMW-3202

Tot Ion: 63 Resp: 54

Ion Ratio Lower Upper

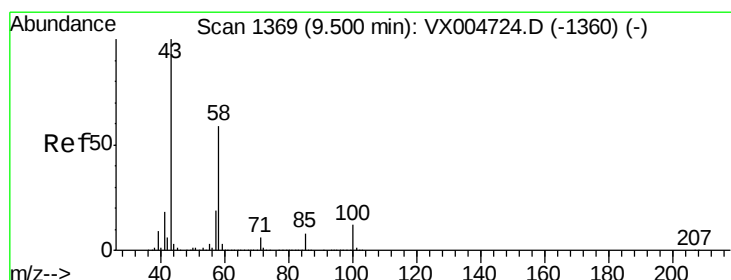
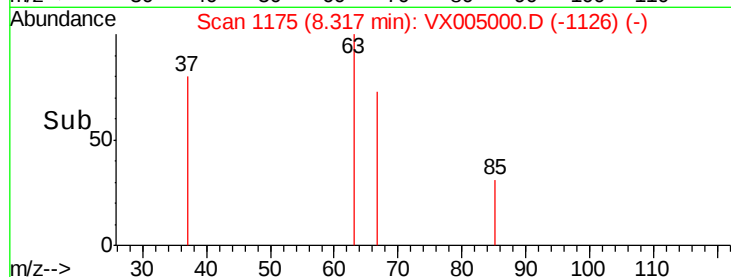
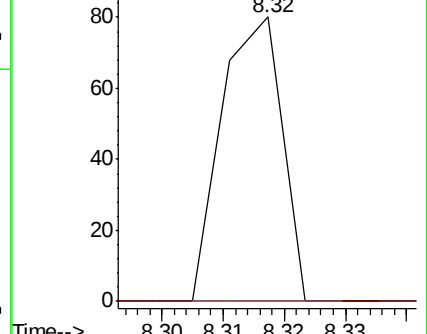
63 100

106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 0.284 ug/l

RT: 9.51 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VX005000.D

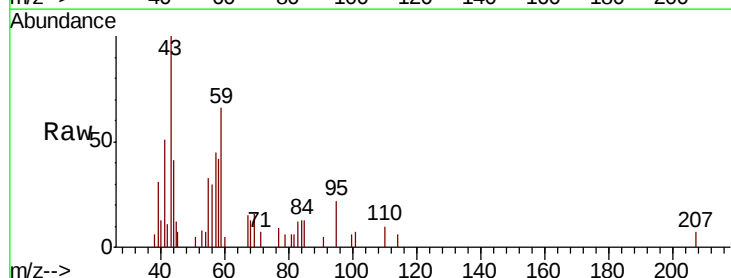
Acq: 04 Oct 2018 06:01

Tgt Ion: 43 Resp: 1452

Ion Ratio Lower Upper

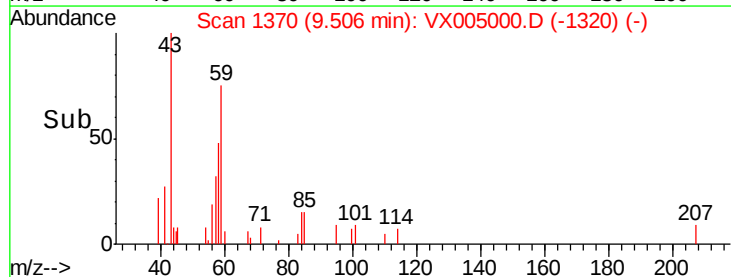
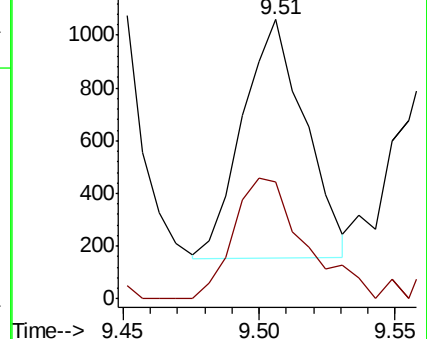
43 100

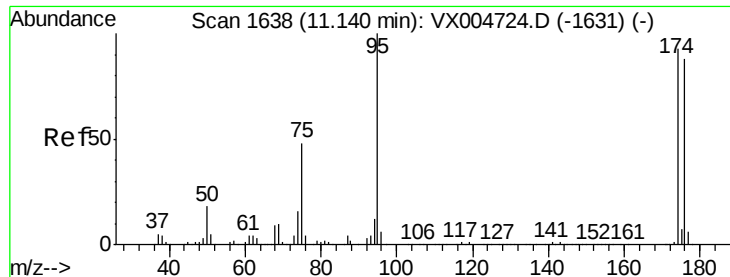
58 57.0 28.4 85.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

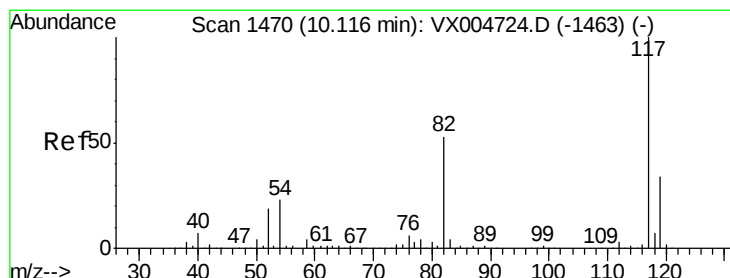
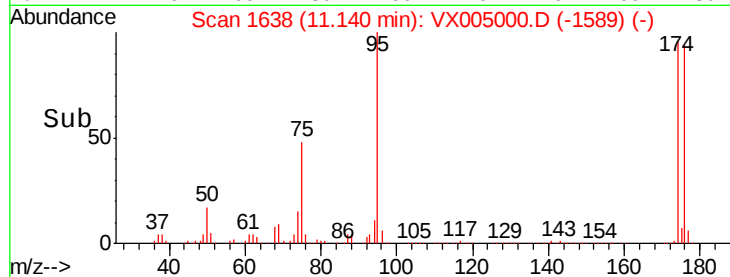
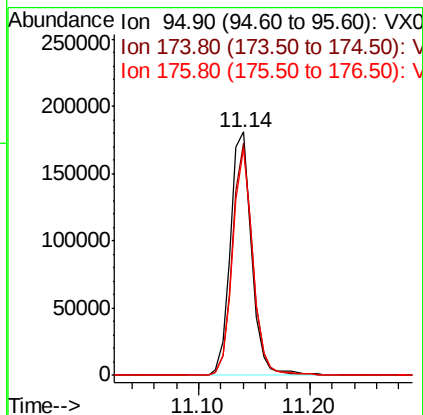
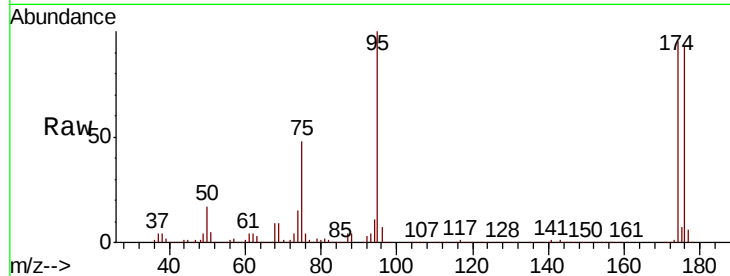




#62
4-Bromofluorobenzene
Concen: 53.681 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

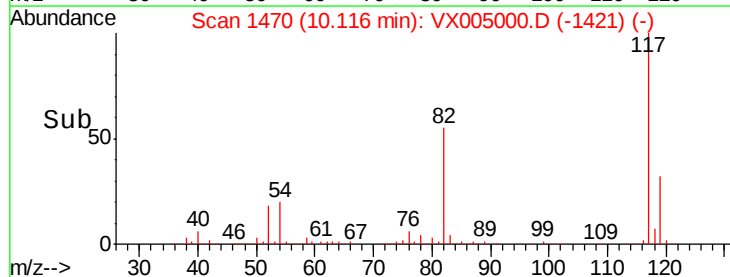
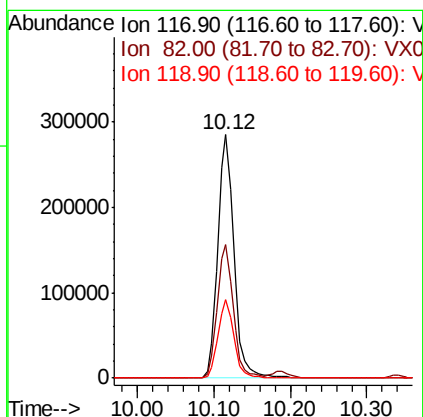
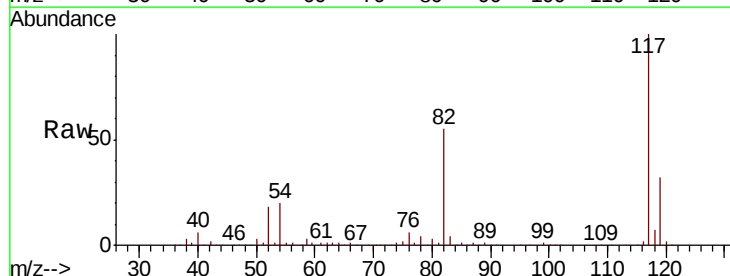
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

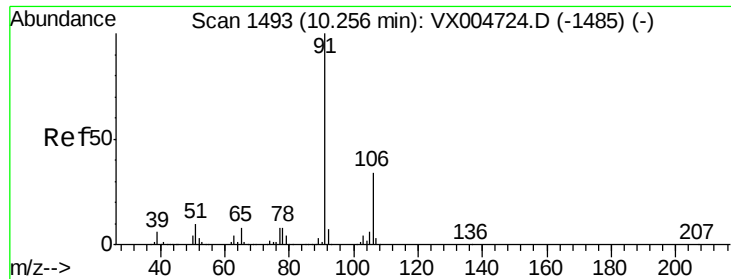
Tot Ion: 95 Resp: 239293
Ion Ratio Lower Upper
95 100
174 90.3 0.0 185.0
176 88.1 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 117 Resp: 418797
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.4
119 32.5 27.4 41.0





#67

Ethyl Benzene

Concen: 34.701 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

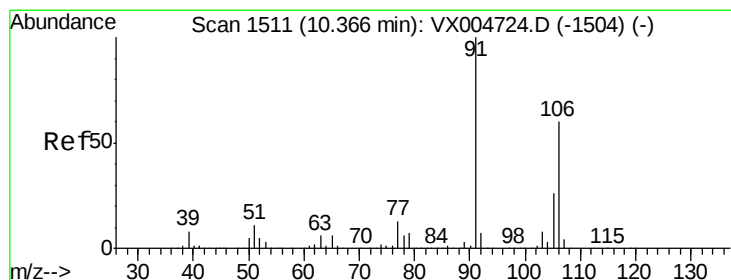
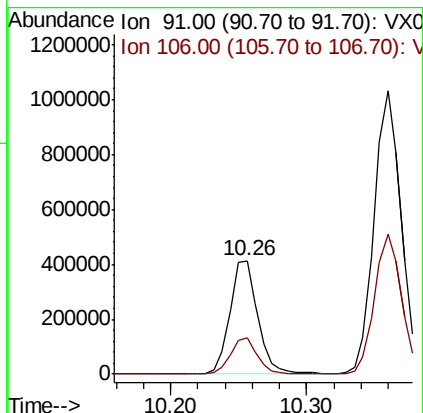
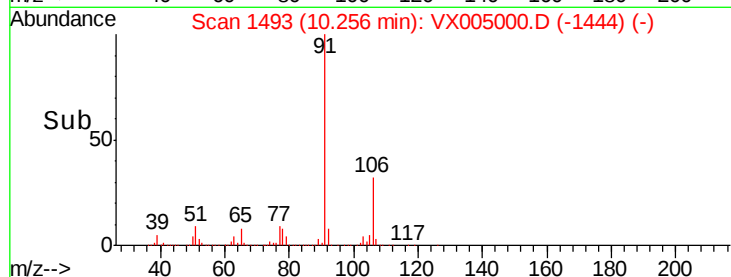
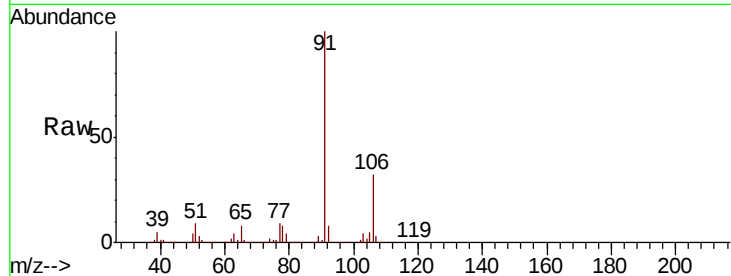
FA18-JMW-3202

Tot Ion: 91 Resp: 591643

Ion Ratio Lower Upper

91 100

106 31.7 26.9 40.3



#68

m/p-Xylenes

Concen: 107.860 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005000.D

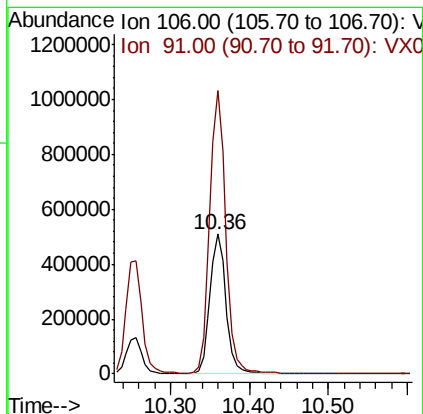
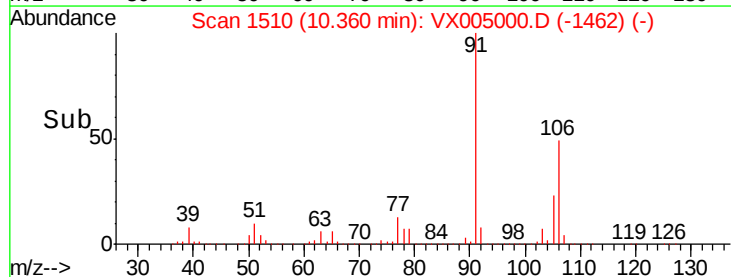
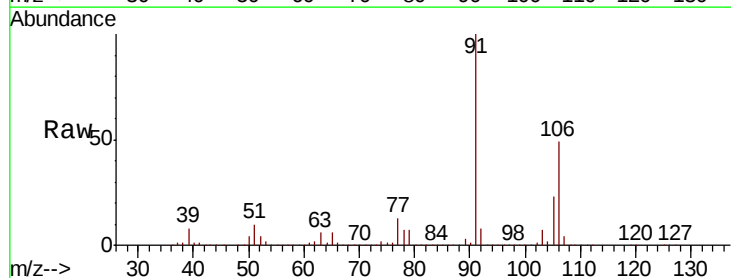
Acq: 04 Oct 2018 06:01

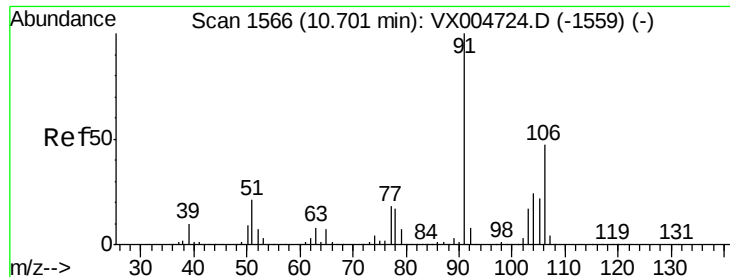
Tgt Ion: 106 Resp: 718624

Ion Ratio Lower Upper

106 100

91 203.2 157.5 236.3

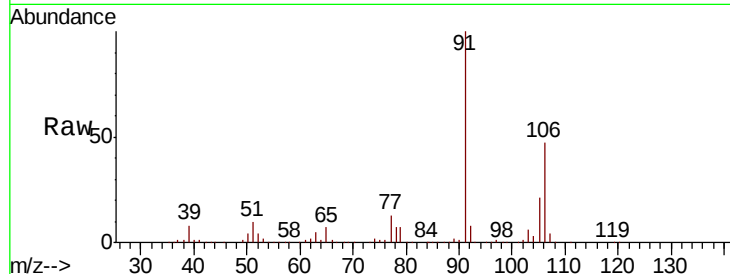




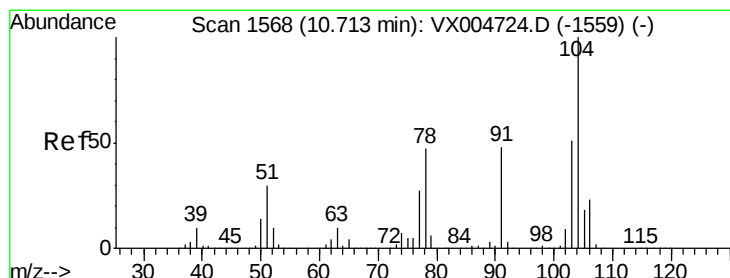
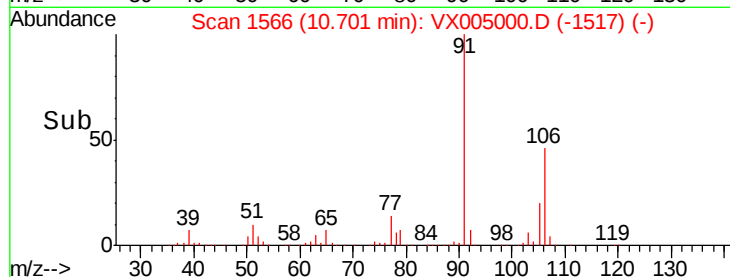
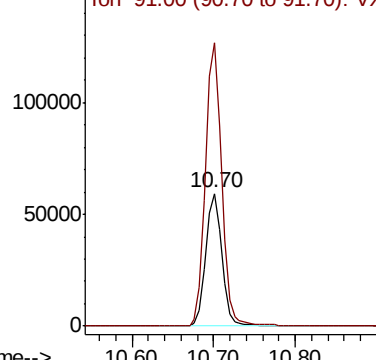
#69
o-Xylene
Concen: 13.139 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tot Ion:106 Resp: 80406
Ion Ratio Lower Upper
106 100
91 213.7 108.3 324.8

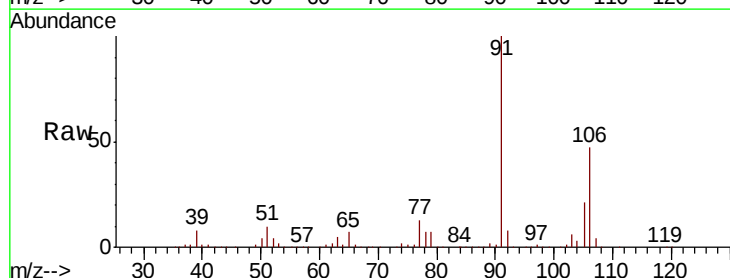


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

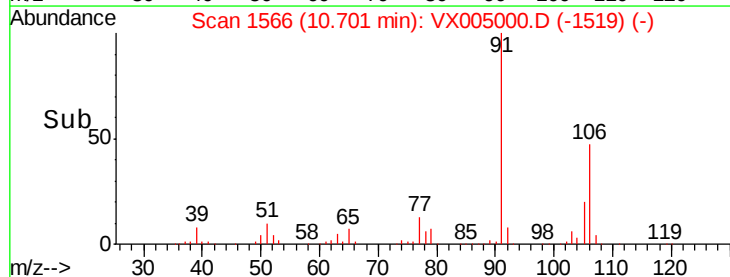
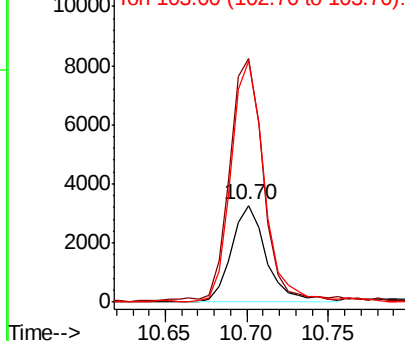


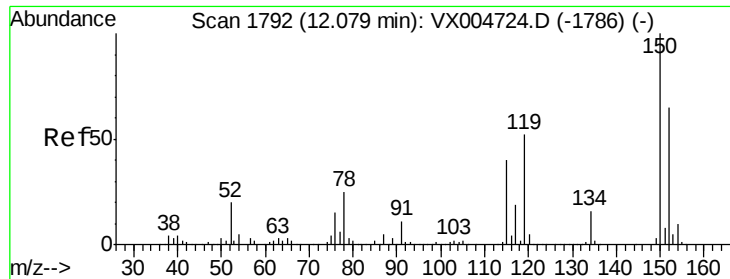
#70
Styrene
Concen: 2.551 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion:104 Resp: 4904
Ion Ratio Lower Upper
104 100
78 244.6 40.0 60.0#
103 235.6 44.3 66.5#



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



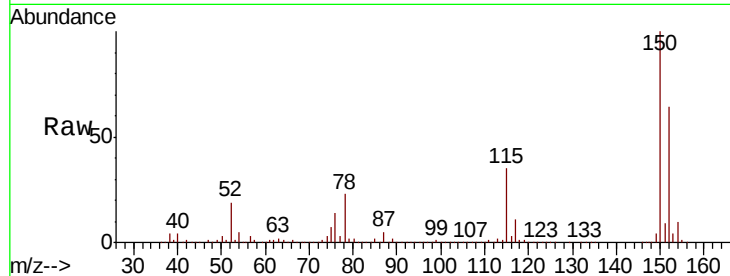


#72

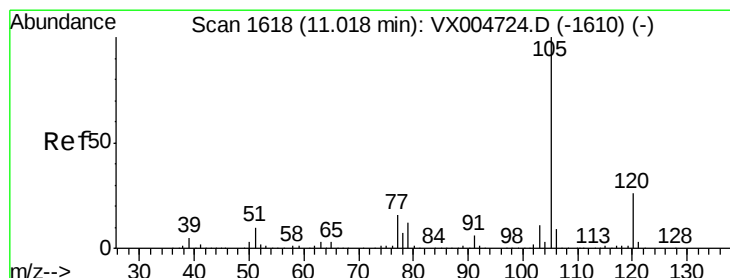
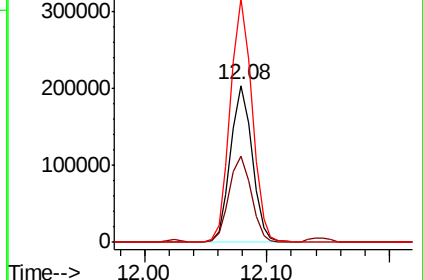
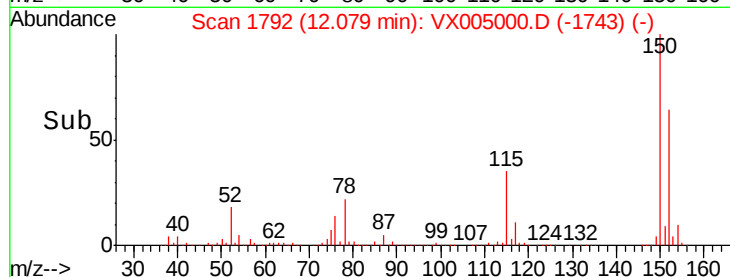
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tot Ion:152 Resp: 249369
Ion Ratio Lower Upper
152 100
115 56.6 40.2 120.6
150 156.0 0.0 351.0



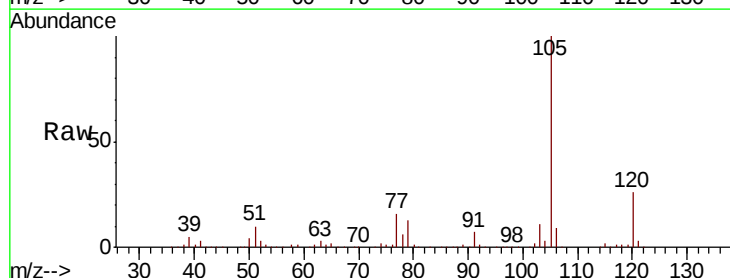
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



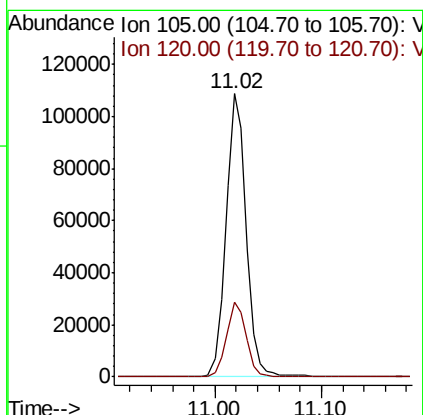
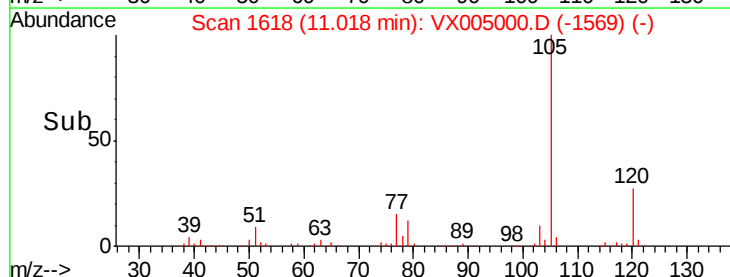
#73

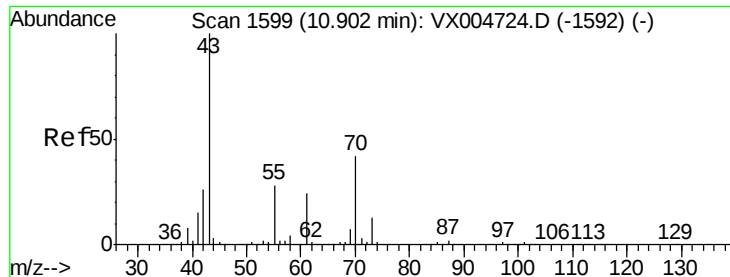
Isopropylbenzene
Concen: 9.148 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion:105 Resp: 143787
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



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





#74

N-amvl acetate

Concen: 1.820 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3202

Tot Ion: 43 Resp: 646

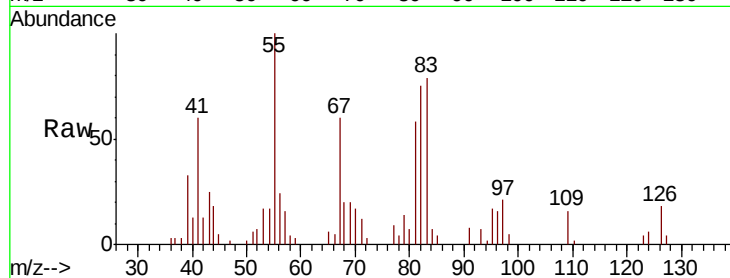
Ion Ratio Lower Upper

43 100

70 194.3 32.6 48.8#

55 622.4 21.6 32.4#

61 0.0 19.1 28.7#

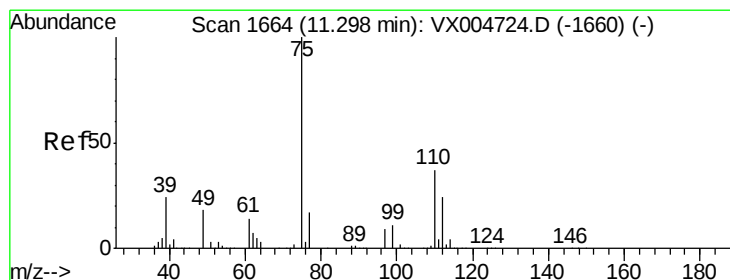
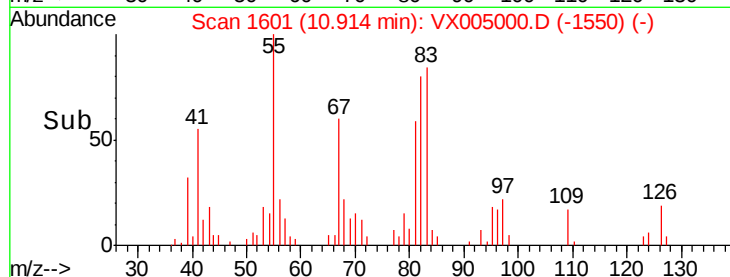
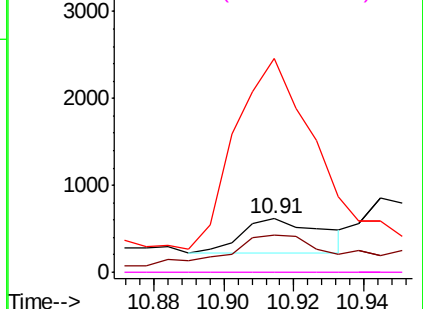


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 20.742 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005000.D

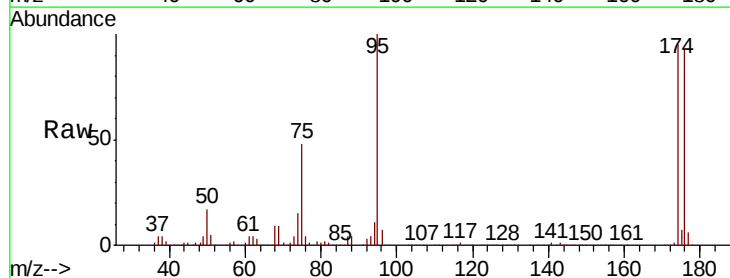
Acq: 04 Oct 2018 06:01

Tgt Ion: 75 Resp: 115935

Ion Ratio Lower Upper

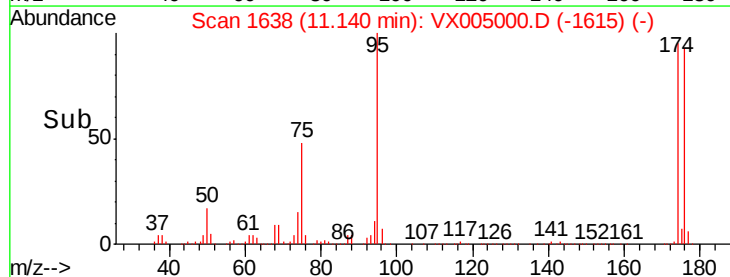
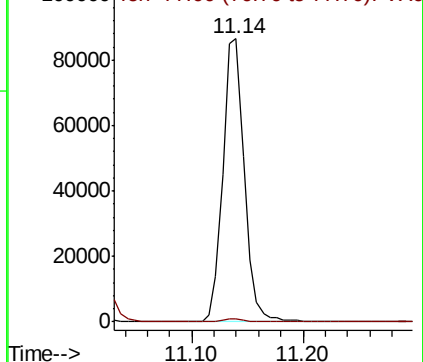
75 100

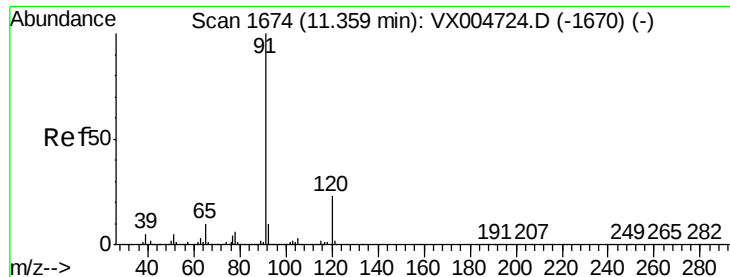
77 1.5 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

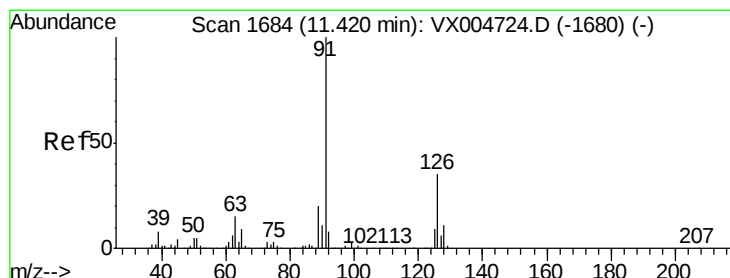
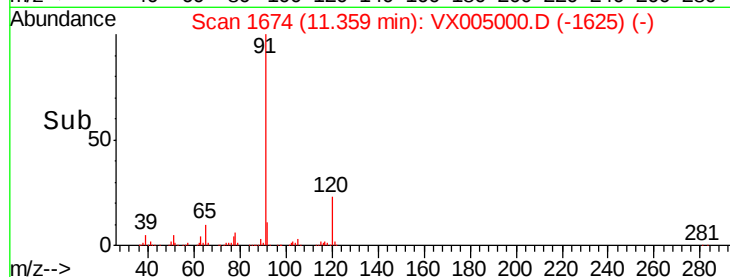
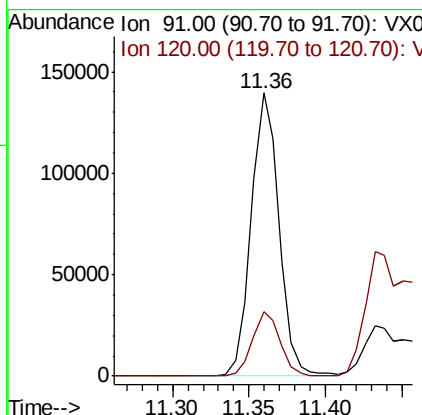
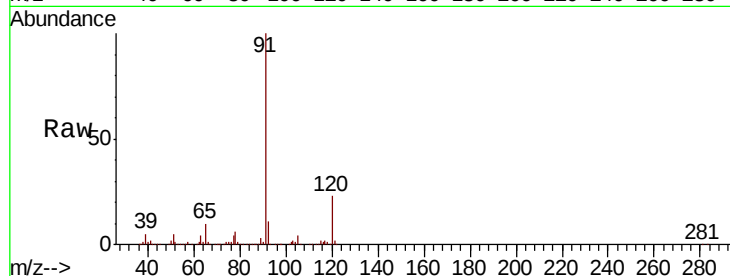




#78
n-propylbenzene
Concen: 9.806 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

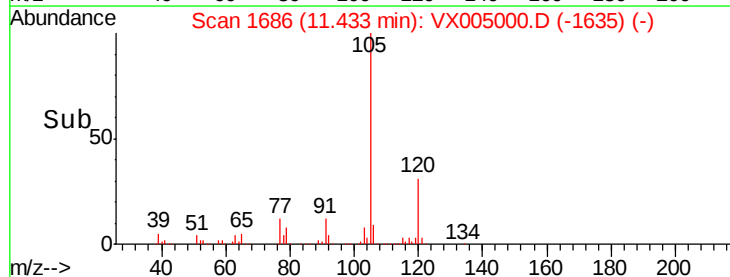
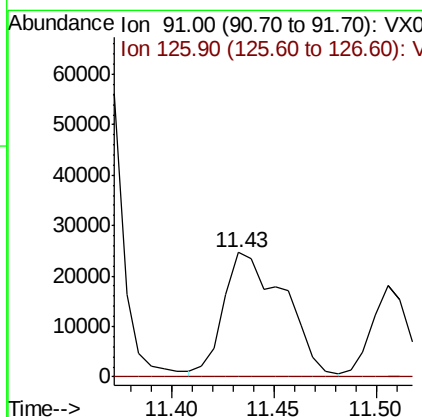
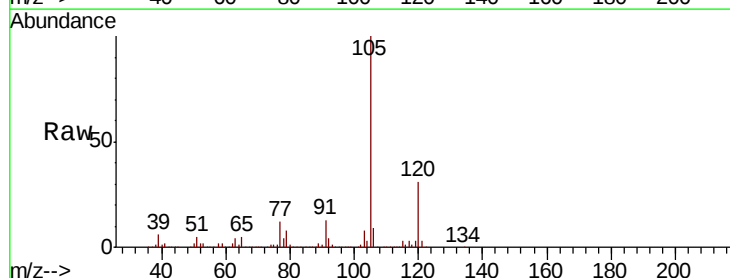
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

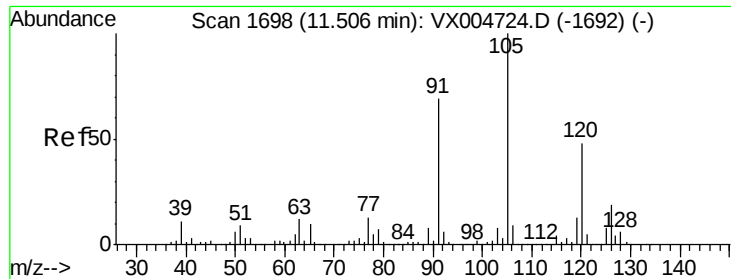
Tot Ion: 91 Resp: 176844
Ion Ratio Lower Upper
91 100
120 22.7 12.0 36.0



#79
2-Chlorotoluene
Concen: 4.543 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion: 91 Resp: 51064
Ion Ratio Lower Upper
91 100
126 0.4 17.6 52.9#

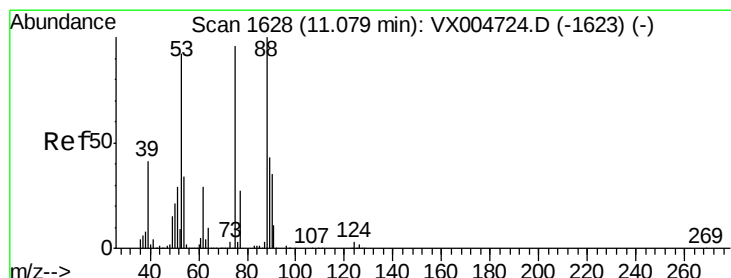
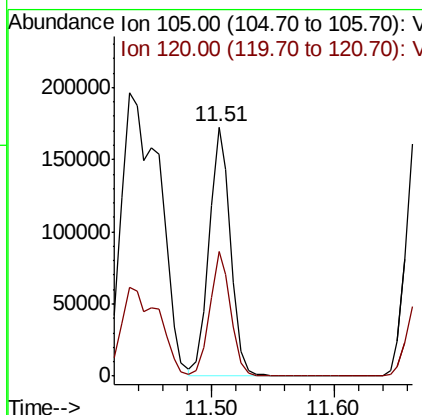
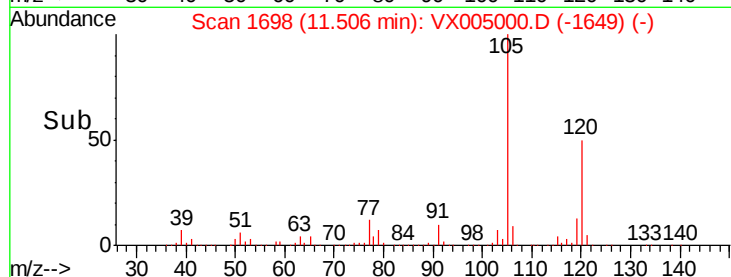
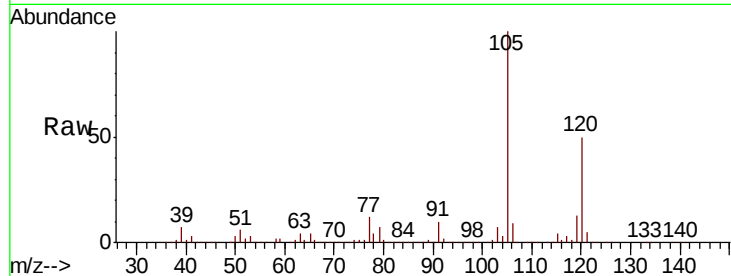




#80
 1,3,5-Trimethylbenzene
 Concen: 14.575 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005000.D
 Acq: 04 Oct 2018 06:01

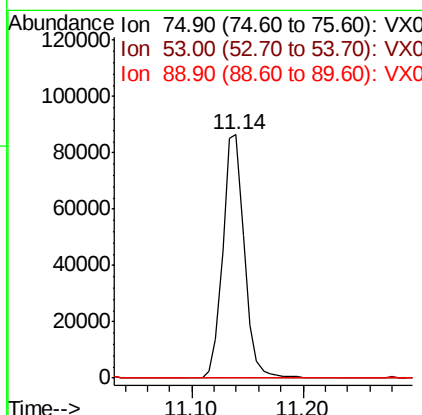
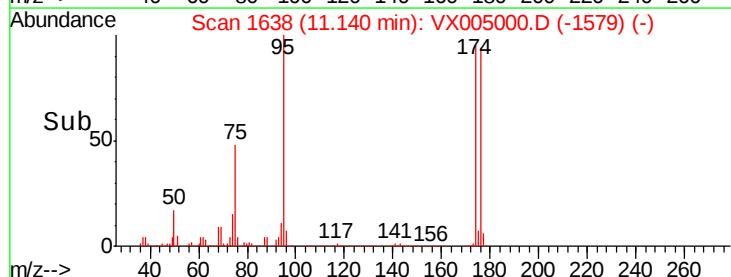
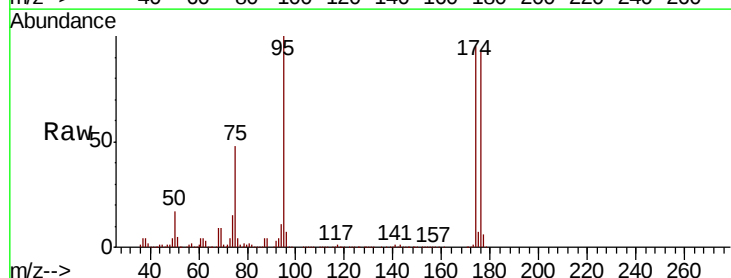
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3202

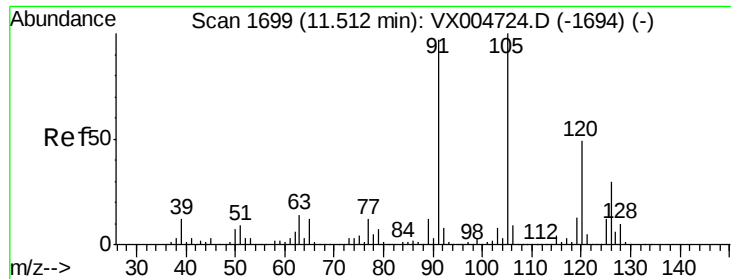
Tot Ion:105 Resp: 211986
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.311 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX005000.D
 Acq: 04 Oct 2018 06:01

Tgt Ion: 75 Resp: 115935
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.2 120.4#
 89 0.0 37.1 55.7#





#82

4-Chlorotoluene

Concen: 1.701 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

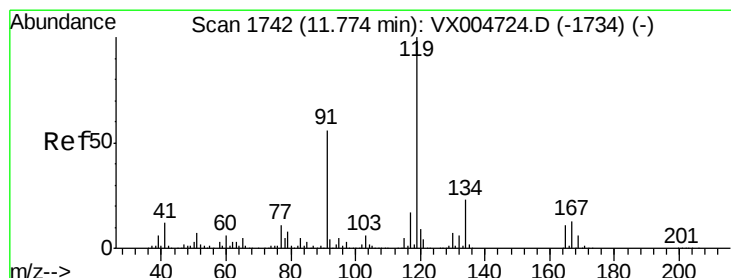
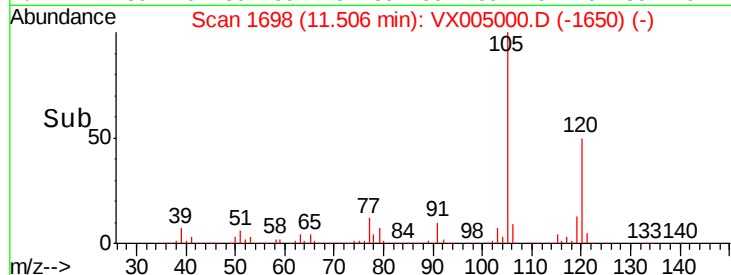
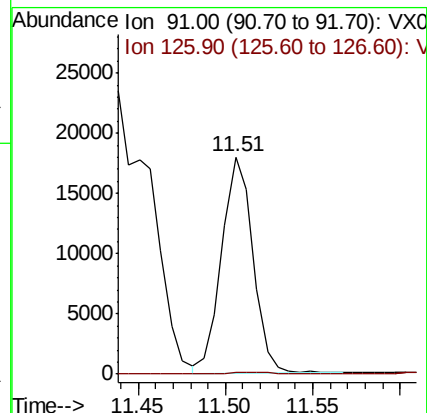
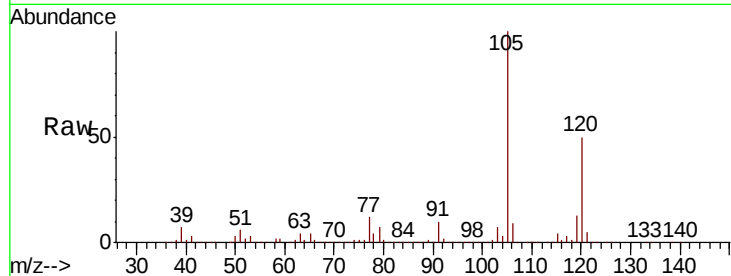
FA18-JMW-3202

Tot Ion: 91 Resp: 22513

Ion Ratio Lower Upper

91 100

126 1.1 15.5 46.5#



#83

tert-Butylbenzene

Concen: 0.428 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

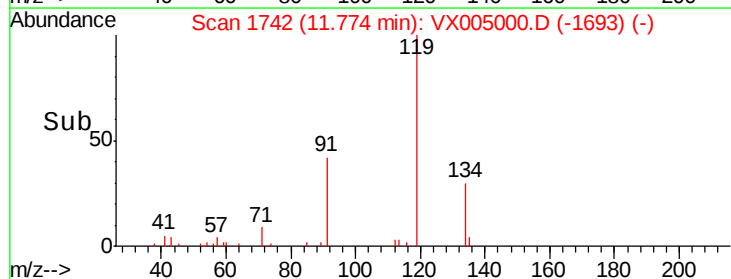
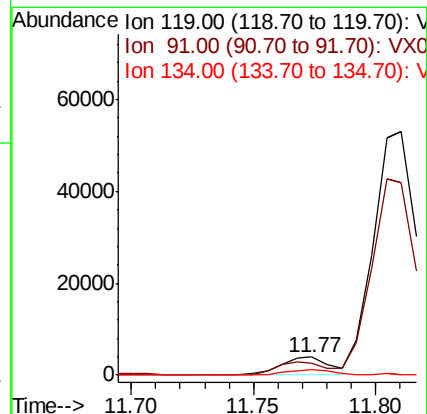
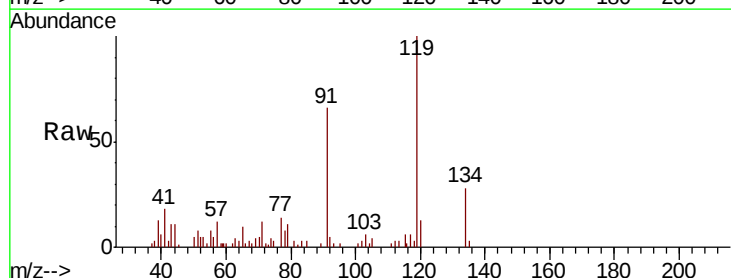
Tgt Ion: 119 Resp: 5535

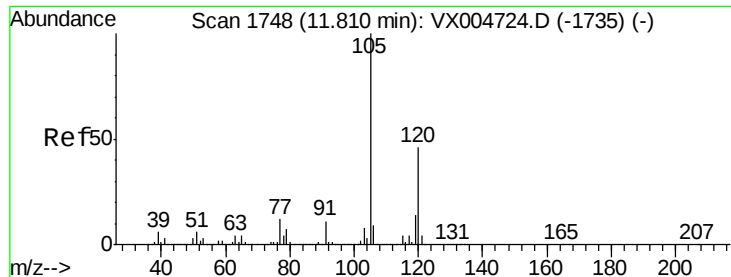
Ion Ratio Lower Upper

119 100

91 65.8 27.5 82.5

134 27.6 11.5 34.4

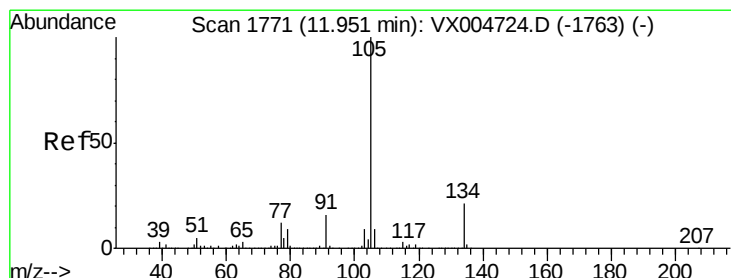
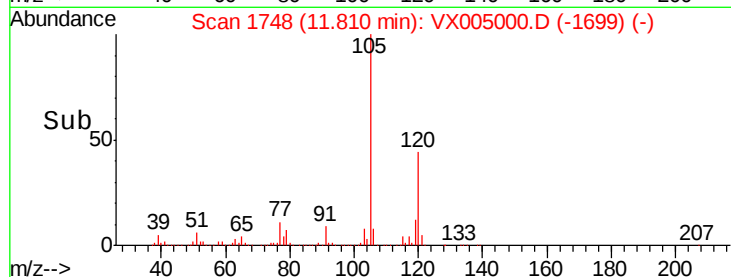
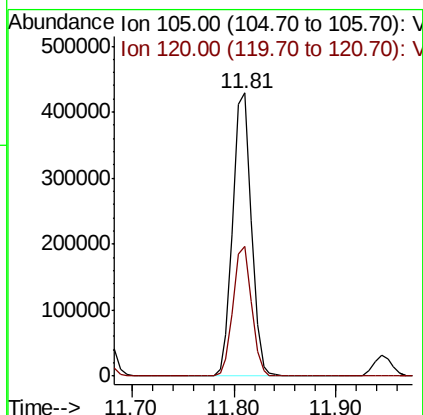
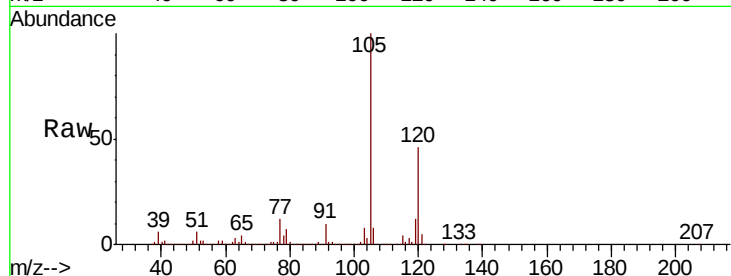




#84
1,2,4-Trimethylbenzene
Concen: 36.046 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

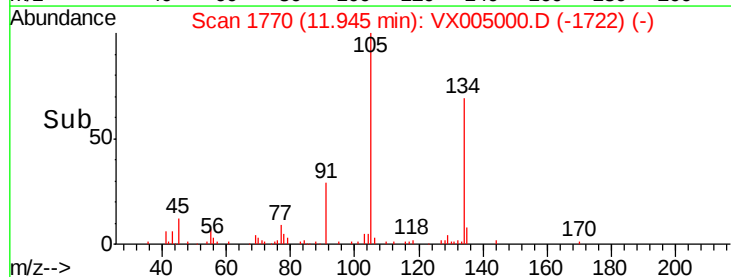
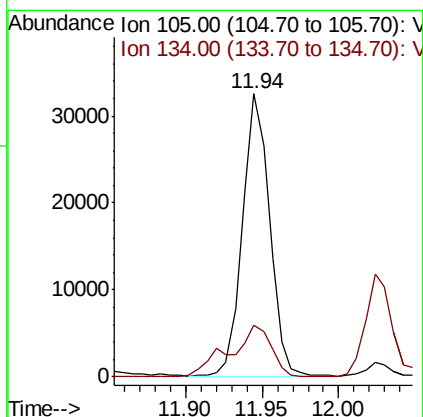
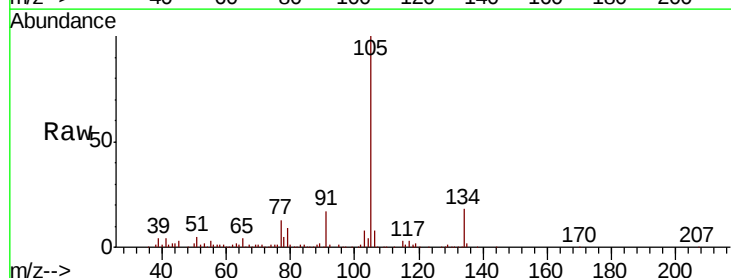
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

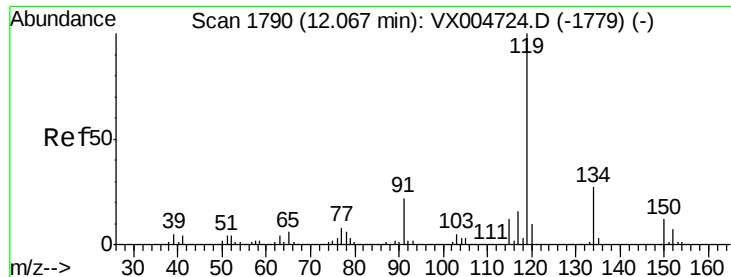
Tot Ion:105 Resp: 536344
Ion Ratio Lower Upper
105 100
120 45.9 22.8 68.3



#85
sec-Butylbenzene
Concen: 2.535 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Tgt Ion:105 Resp: 39959
Ion Ratio Lower Upper
105 100
134 28.4 10.2 30.4





#86

p-Isopropyltoluene

Concen: 1.786 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampled :

FA18-JMW-3202

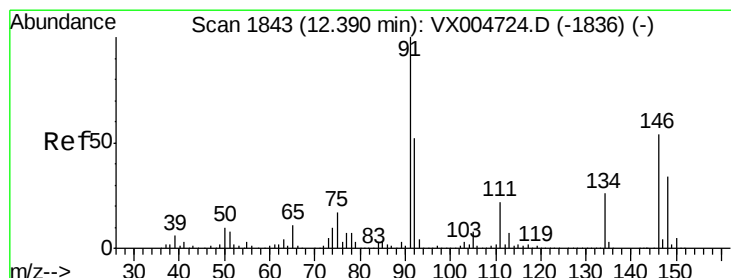
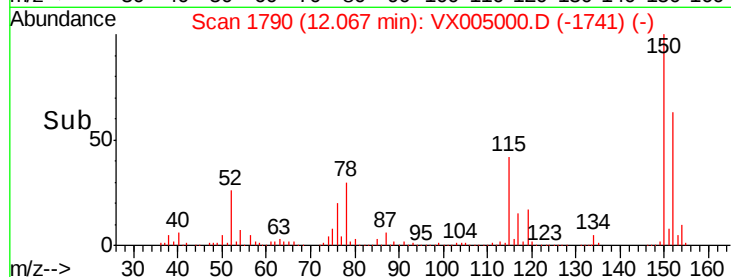
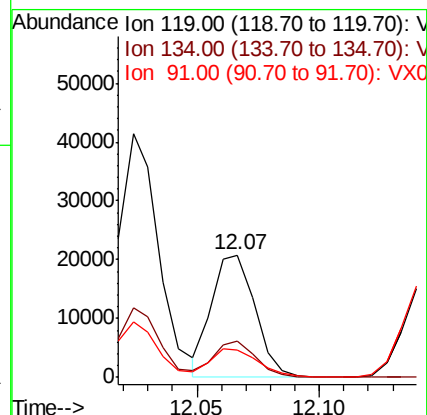
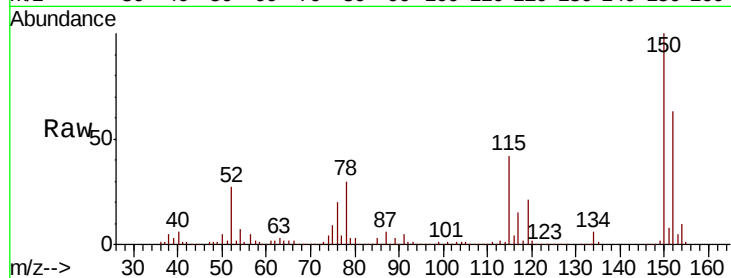
Tot Ion:119 Resp: 25511

Ion Ratio Lower Upper

119 100

134 28.5 13.4 40.1

91 24.6 11.5 34.4



#89

n-Butylbenzene

Concen: 1.805 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

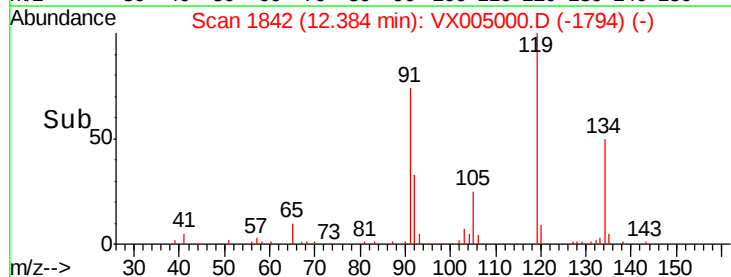
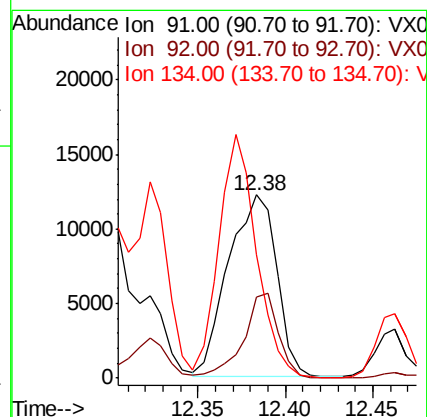
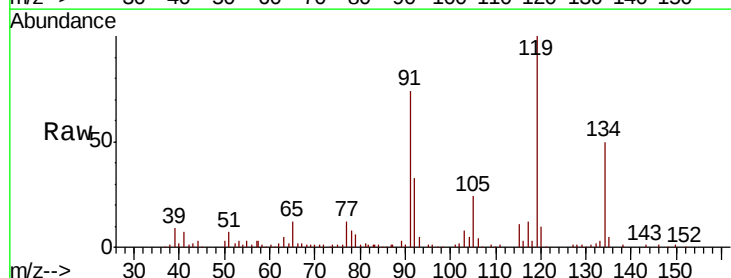
Tgt Ion: 91 Resp: 23413

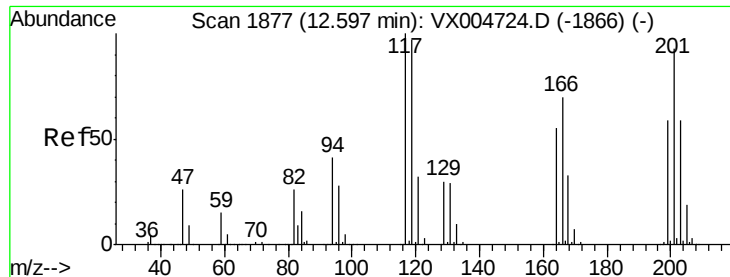
Ion Ratio Lower Upper

91 100

92 33.9 26.0 78.0

134 104.3 13.2 39.6#





#90

Hexachloroethane

Concen: 1.519 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

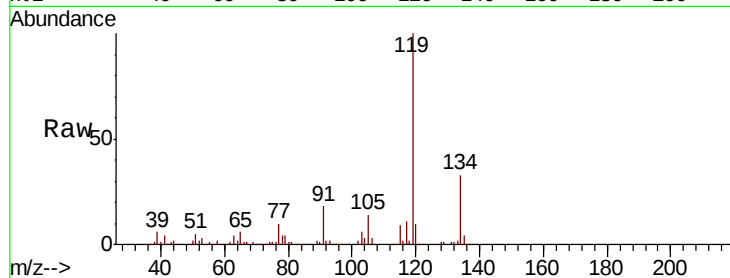
FA18-JMW-3202

Tot Ion:117 Resp: 3612

Ion Ratio Lower Upper

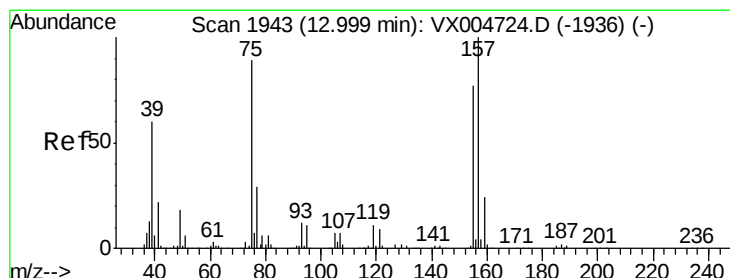
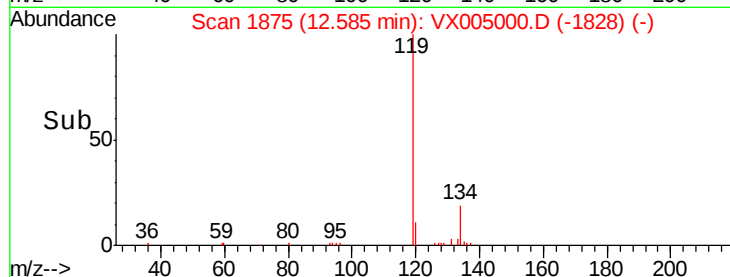
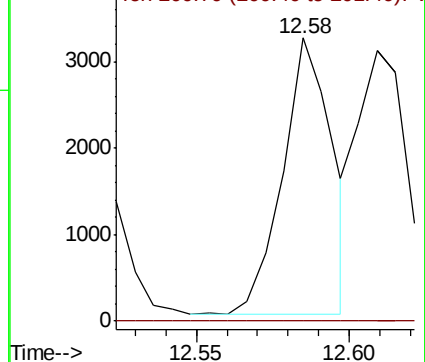
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.299 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX005000.D

Acq: 04 Oct 2018 06:01

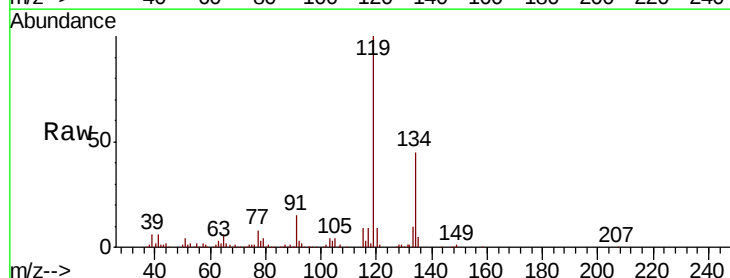
Tgt Ion: 75 Resp: 420

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

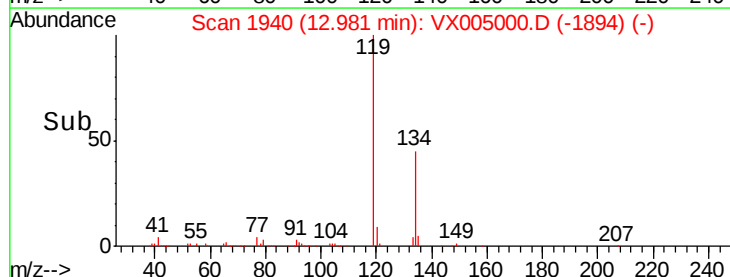
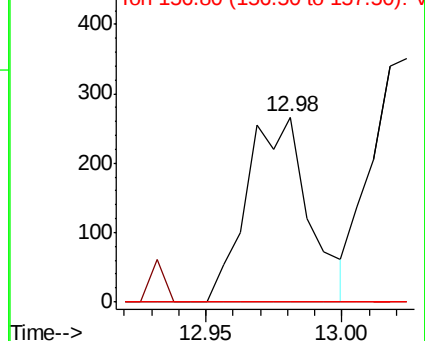
157 0.0 60.2 180.6#

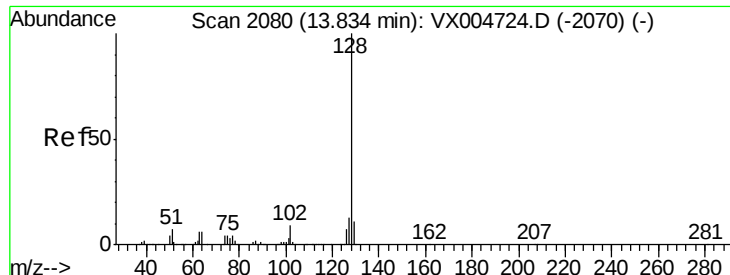


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 5.076 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005000.D
Acq: 04 Oct 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3202

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	12.0	8.7	13.1

