

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013196.D
 Acq On : 23 Oct 2019 18:55
 Operator : JC/SP
 Sample : K5451-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0542

Quant Time: Oct 24 04:02:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	83109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	124235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	120485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	74938	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	93387	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	
35) Dibromofluoromethane	5.49	113	71068	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
50) Toluene-d8	8.71	98	261834	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.14	95	93334	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	603	1.405	ug/l	94
4) Vinyl Chloride	1.40	62	590	0.391	ug/l #	76
5) Bromomethane	1.64	94	545	0.681	ug/l	89
6) Chloroethane	1.72	64	380	Below Cal	#	83
7) Trichlorofluoromethane	1.92	101	180	0.374	ug/l #	63
10) Methyl Iodide	2.51	142	728	3.904	ug/l #	84
11) Tert butyl alcohol	3.03	59	1497	2.920	ug/l #	87
14) Allyl chloride	2.59	41	3485	1.564	ug/l #	65
15) Acrylonitrile	3.15	53	237	0.309	ug/l #	17
16) Acetone	2.44	43	6967	8.507	ug/l	96
17) Carbon Disulfide	2.56	76	1681	0.442	ug/l	96
18) Methyl Acetate	2.59	43	9285	6.061	ug/l #	49
20) Methylene Chloride	2.84	84	293	0.479	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	259	0.650	ug/l #	56
25) 2-Butanone	4.69	43	469	0.427	ug/l #	45
27) cis-1,2-Dichloroethene	4.59	96	4074	2.350	ug/l	87
29) Tetrahydrofuran	5.15	42	350	0.529	ug/l #	41
32) 1,1,1-Trichloroethane	5.48	97	614	0.242	ug/l #	42
37) Ethyl Acetate	4.83	43	7868	3.800	ug/l #	89
38) Carbon Tetrachloride	5.65	117	8559	3.727	ug/l #	15
43) Isopropyl Acetate	6.33	43	907	0.264	ug/l #	59
44) Trichloroethene	7.20	130	16399	9.259	ug/l	96
64) Tetrachloroethene	9.32	164	297	Below Cal	#	70
68) m/p-Xylenes	10.36	106	579	0.203	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	45336	25.101	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	45336	68.976	ug/l #	10
87) 1,3-Dichlorobenzene	12.02	146	696	0.236	ug/l	82
88) 1,4-Dichlorobenzene	12.02	146	696	0.232	ug/l	84
89) n-Butylbenzene	12.39	91	1127	0.230	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	590	0.204	ug/l	82
93) 1,2,4-Trichlorobenzene	13.64	180	917	0.503	ug/l	80
94) Hexachlorobutadiene	13.78	225	231	0.245	ug/l	76
95) Naphthalene	13.83	128	2305	0.412	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.01	180	671	0.372	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

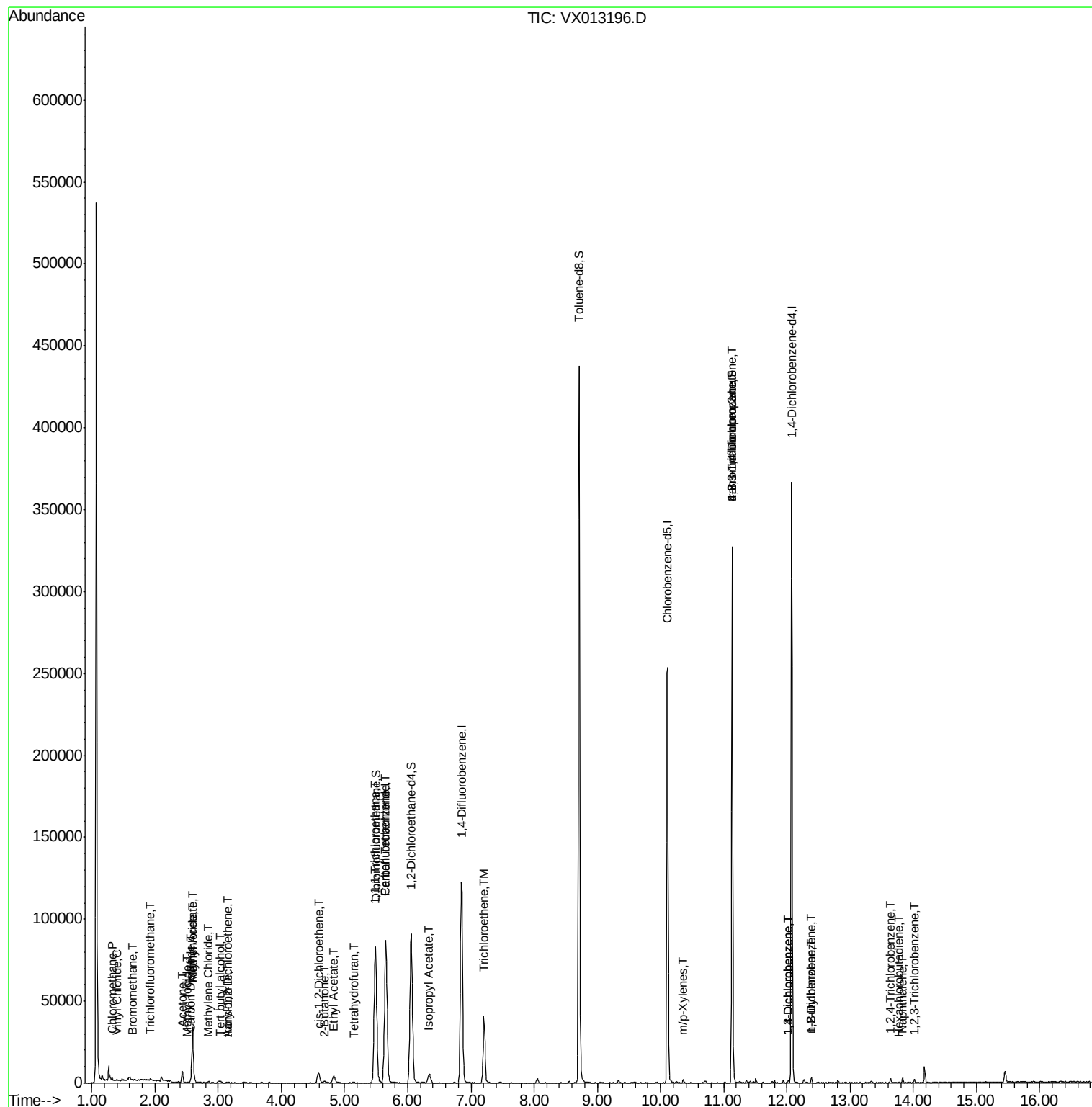
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

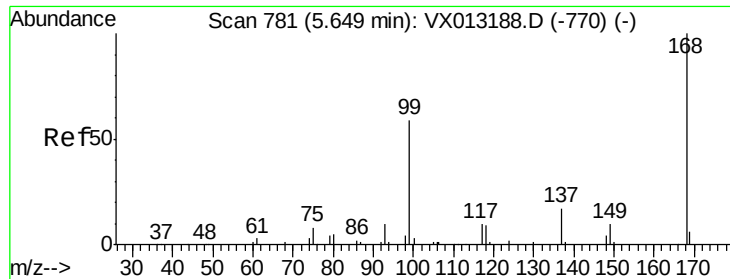
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

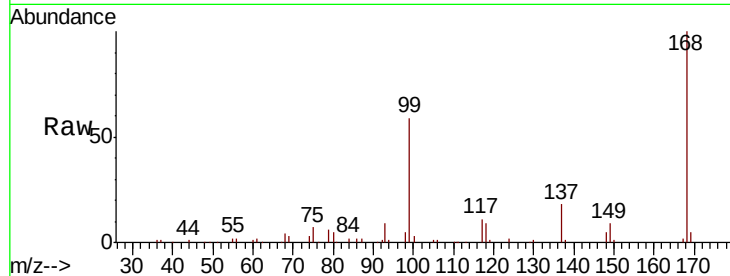
FA19-JMW0542

Tot Ion:168 Resp: 83109

Ion Ratio Lower Upper

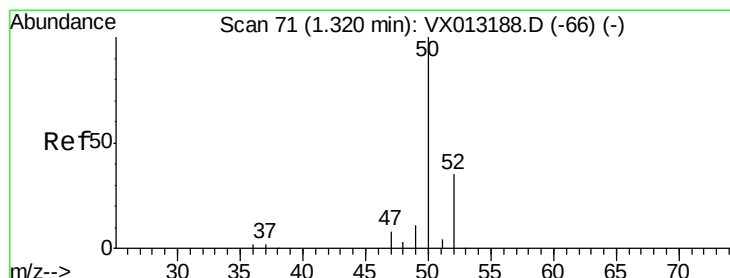
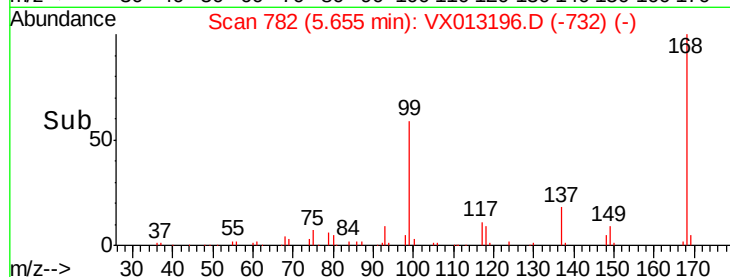
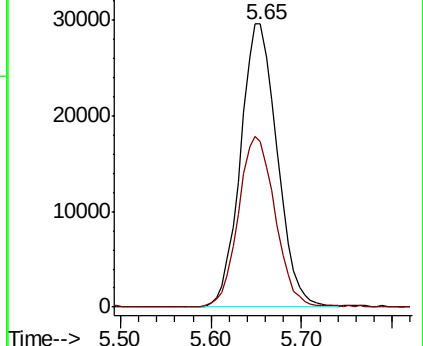
168 100

99 58.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.405 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013196.D

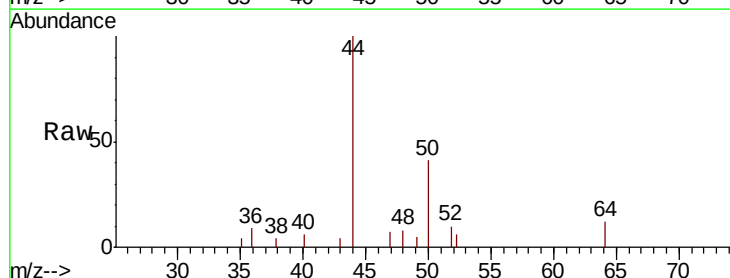
Acq: 23 Oct 2019 18:55

Tgt Ion: 50 Resp: 603

Ion Ratio Lower Upper

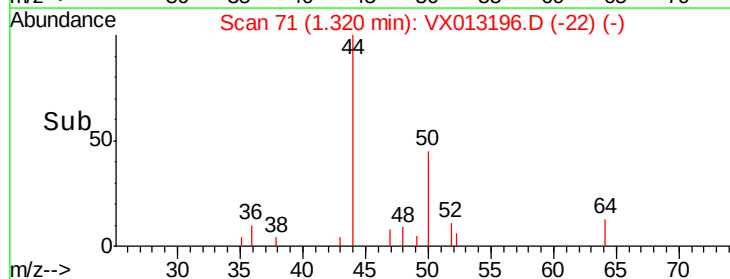
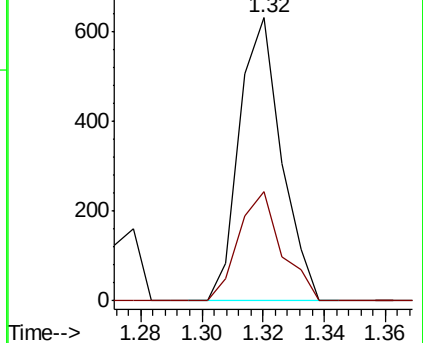
50 100

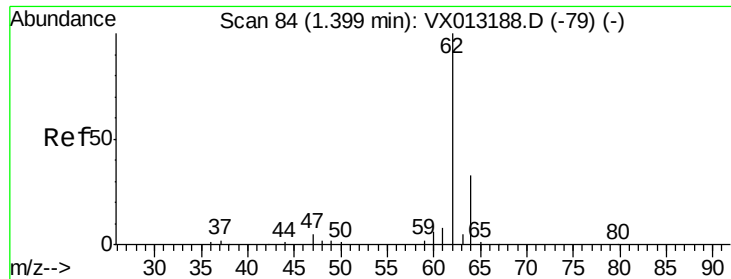
52 38.4 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.391 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

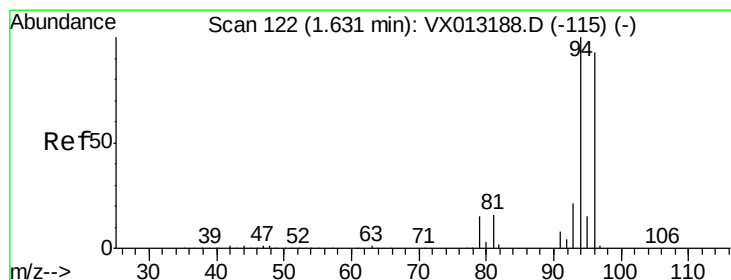
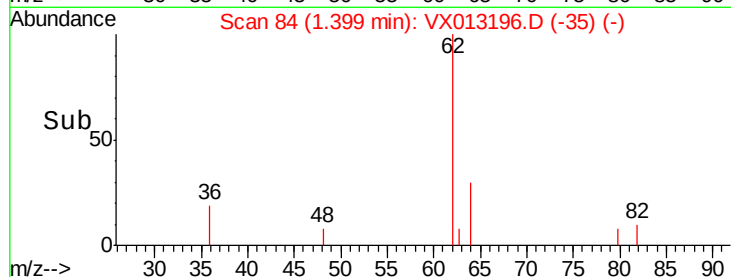
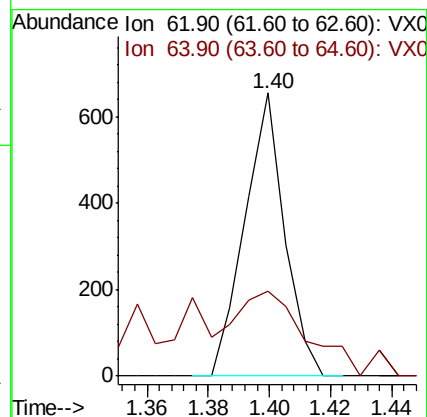
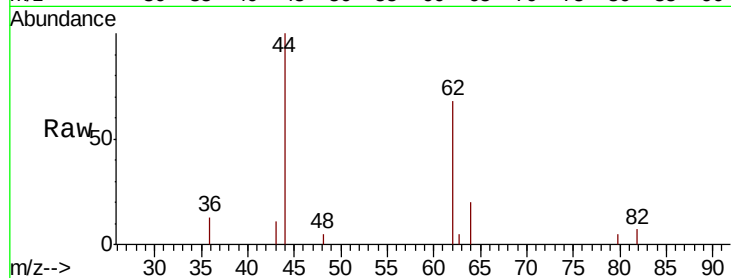
FA19-JMW0542

Tot Ion: 62 Resp: 590

Ion Ratio Lower Upper

62 100

64 19.5 26.4 39.6#



#5

Bromomethane

Concen: 0.681 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013196.D

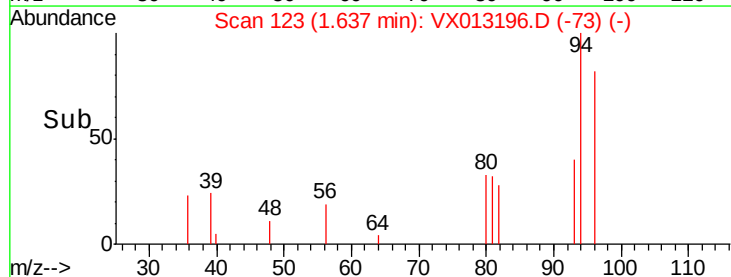
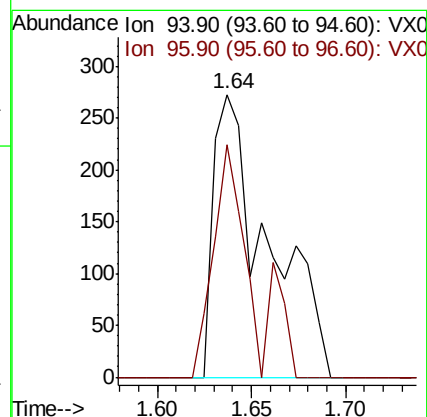
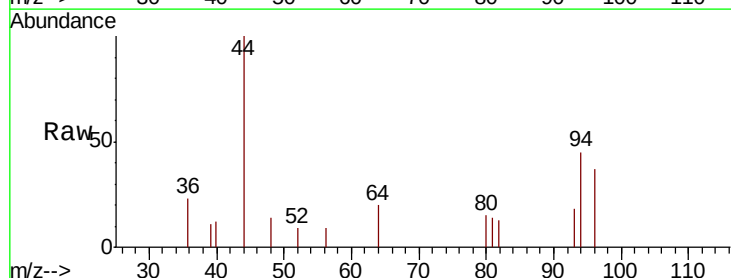
Acq: 23 Oct 2019 18:55

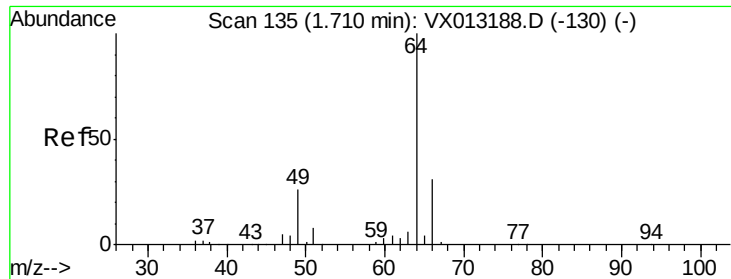
Tgt Ion: 94 Resp: 545

Ion Ratio Lower Upper

94 100

96 82.1 74.2 111.2





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

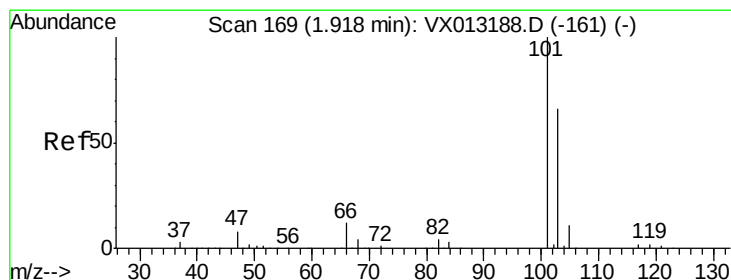
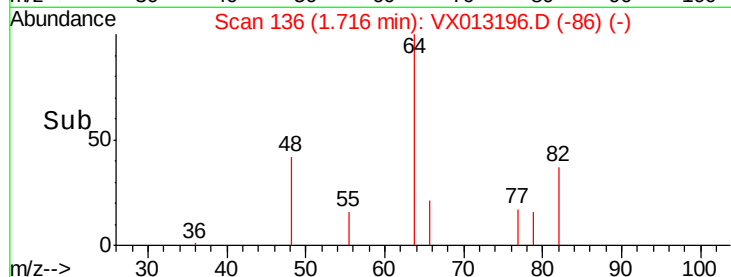
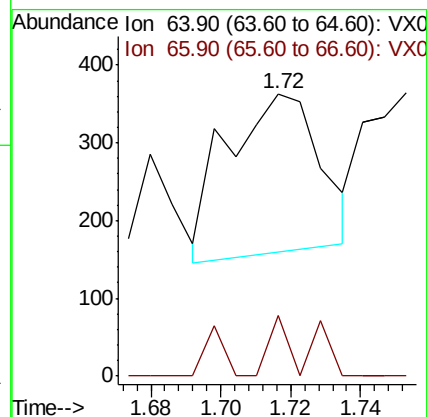
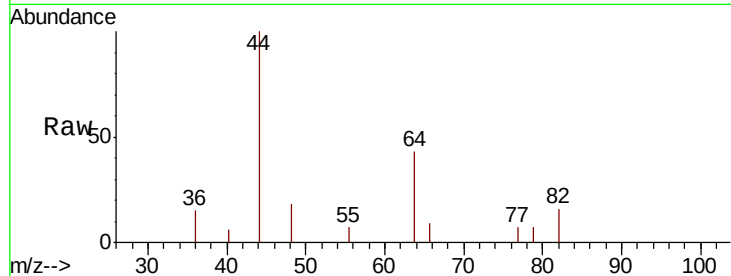
FA19-JMW0542

Tot Ion: 64 Resp: 380

Ion Ratio Lower Upper

64 100

66 40.4 25.0 37.6#



#7

Trichlorofluoromethane

Concen: 0.374 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX013196.D

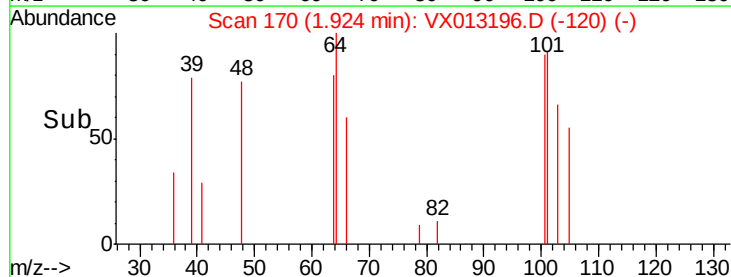
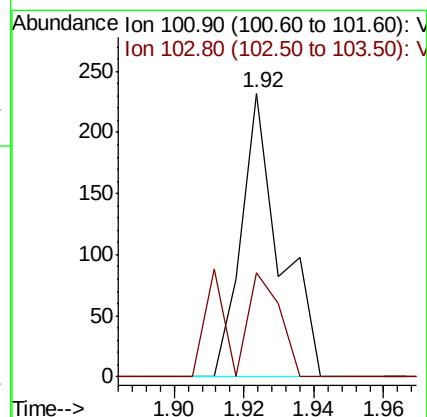
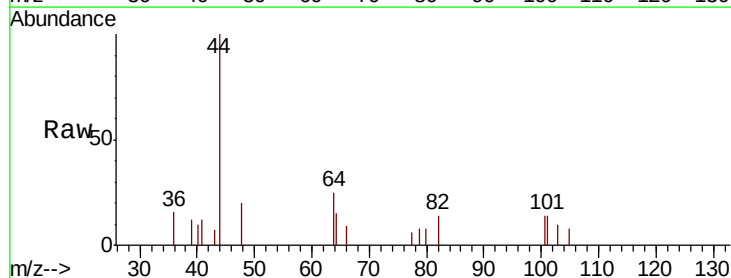
Acq: 23 Oct 2019 18:55

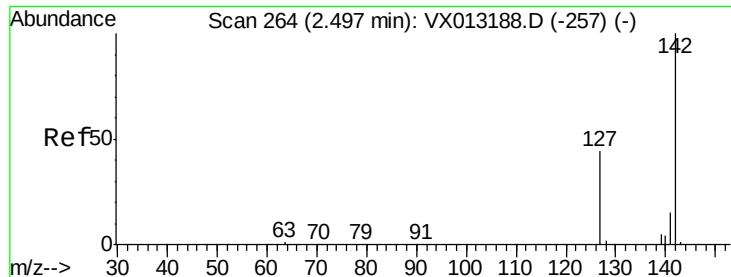
Tgt Ion: 101 Resp: 180

Ion Ratio Lower Upper

101 100

103 36.6 53.0 79.6#

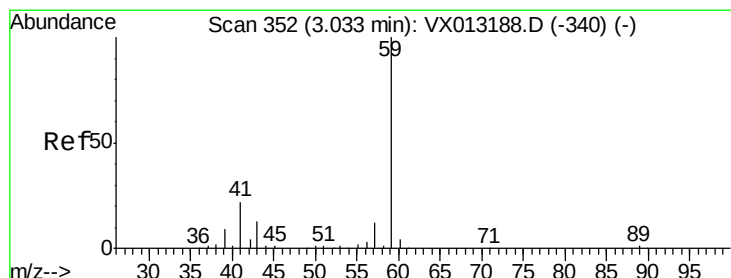
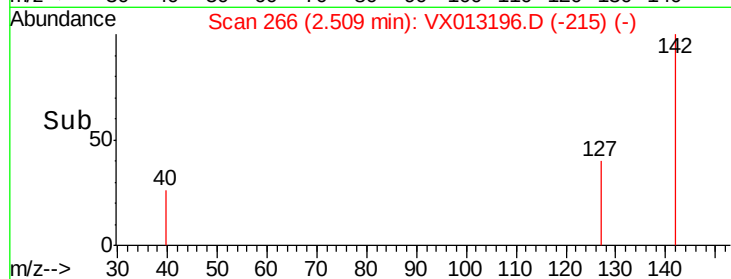
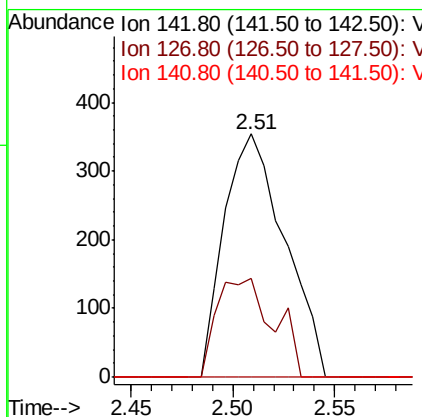
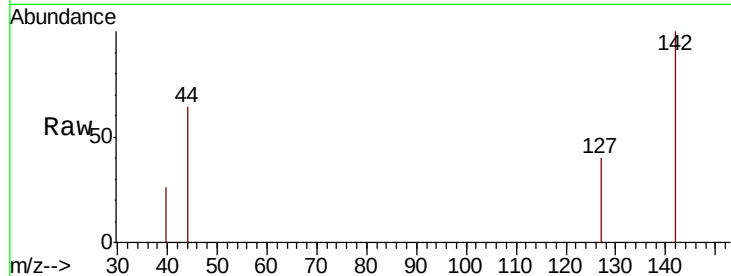




#10
Methvl Iodide
Concen: 3.904 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013196.D
Acq: 23 Oct 2019 18:55

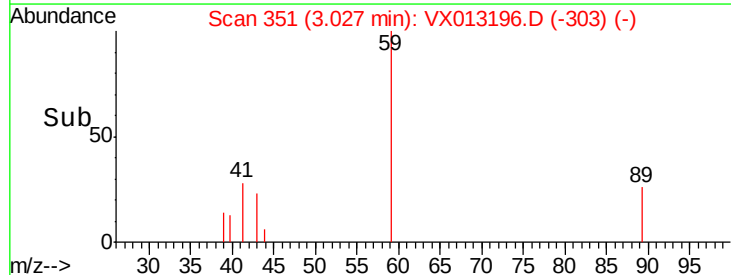
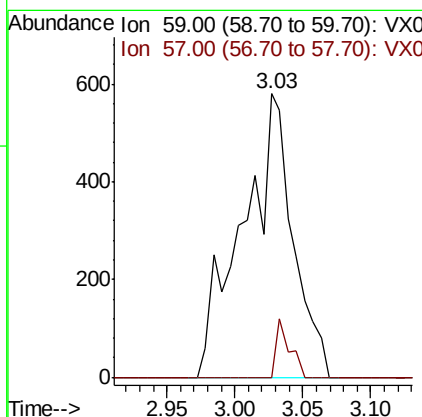
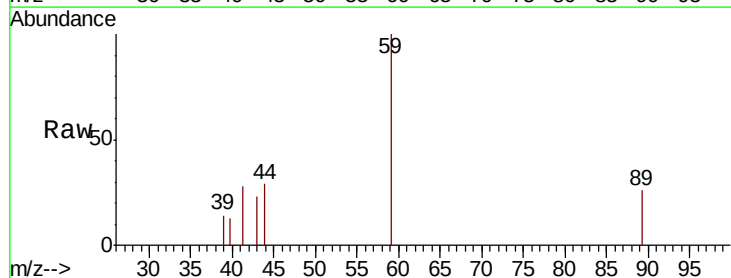
Instrument :
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FA19-JMW0542

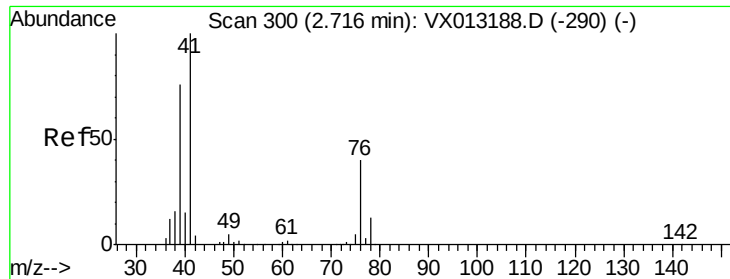
Tot Ion:142 Resp: 728
Ion Ratio Lower Upper
142 100
127 37.9 35.6 53.4
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 2.920 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013196.D
Acq: 23 Oct 2019 18:55

Tgt Ion: 59 Resp: 1497
Ion Ratio Lower Upper
59 100
57 5.5 8.2 12.4#

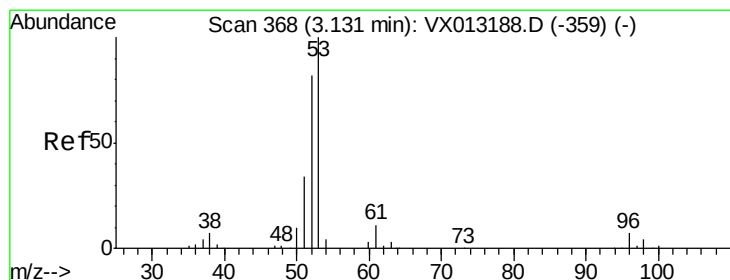
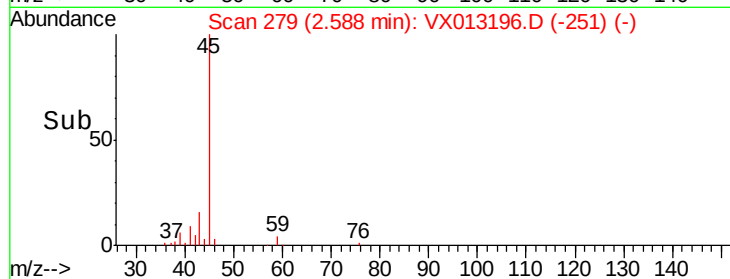
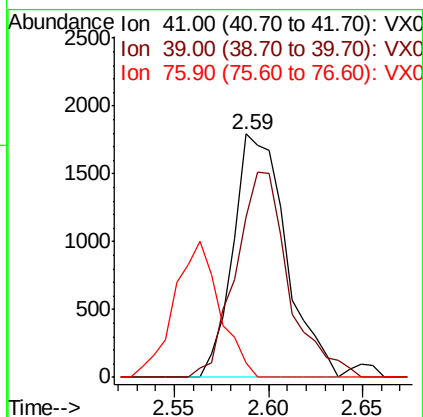
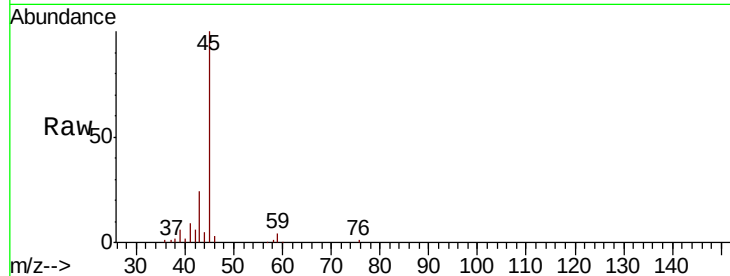




#14
Allvl chloride
Concen: 1.564 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.13 min
Lab File: VX013196.D
Acq: 23 Oct 2019 18:55

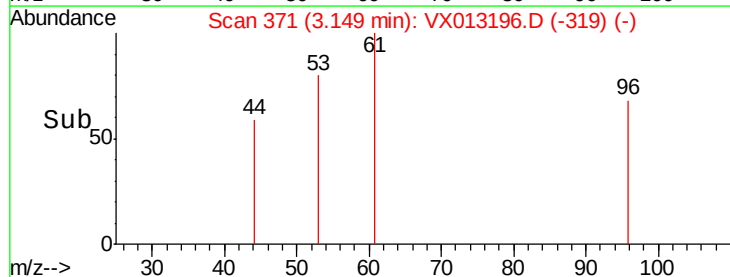
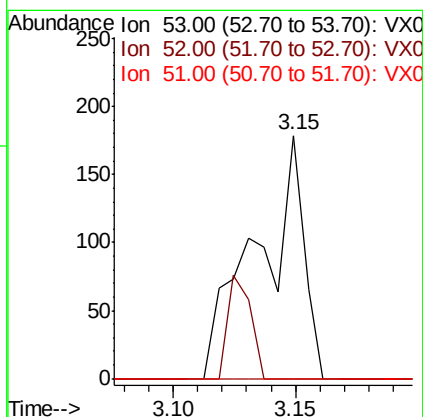
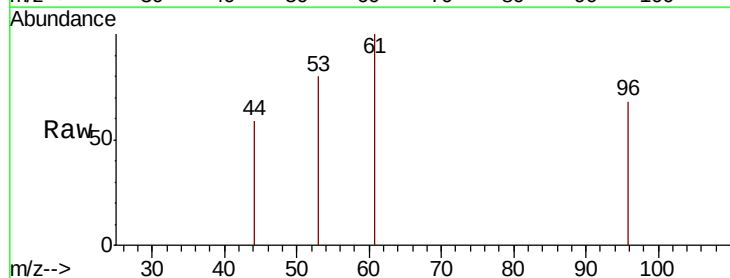
Instrument :
MSVOA_X
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FA19-JMW0542

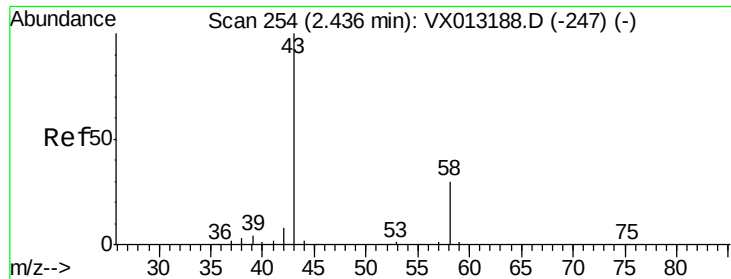
Tot Ion: 41 Resp: 3485
Ion Ratio Lower Upper
41 100
39 84.4 54.6 81.8#
76 0.0 29.8 44.6#



#15
Acrylonitrile
Concen: 0.309 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.02 min
Lab File: VX013196.D
Acq: 23 Oct 2019 18:55

Tgt Ion: 53 Resp: 237
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 0.0 29.4 44.2#





#16

Acetone

Concen: 8.507 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

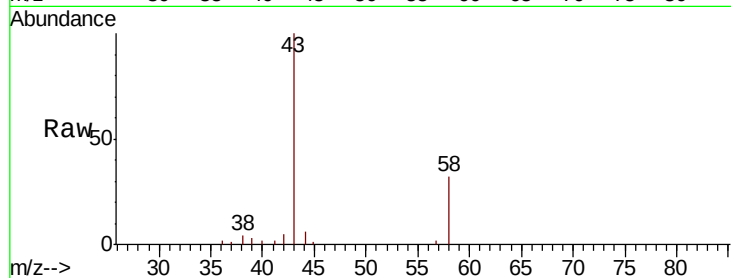
FA19-JMW0542

Tot Ion: 43 Resp: 6967

Ion Ratio Lower Upper

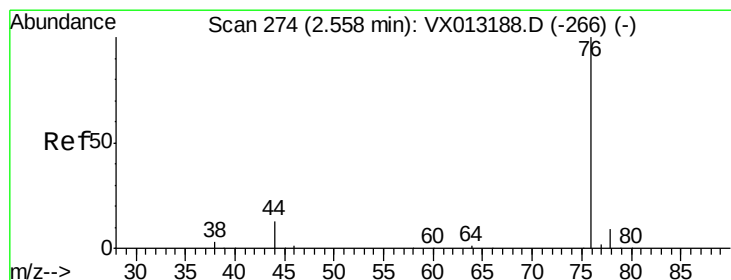
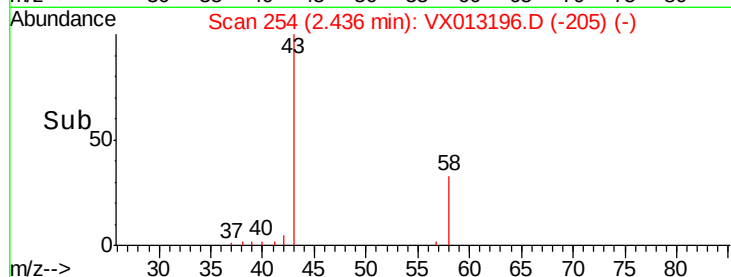
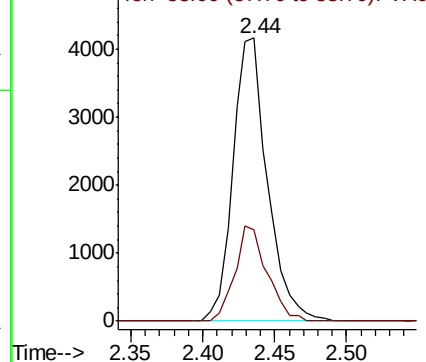
43 100

58 32.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.442 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013196.D

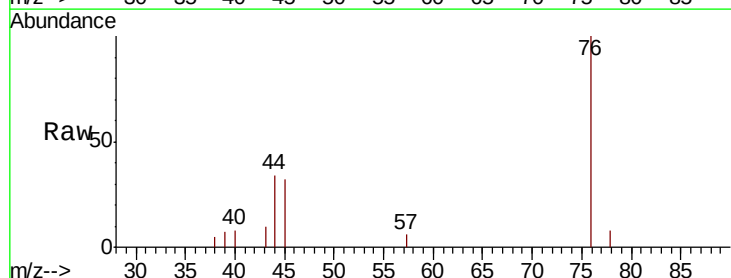
Acq: 23 Oct 2019 18:55

Tgt Ion: 76 Resp: 1681

Ion Ratio Lower Upper

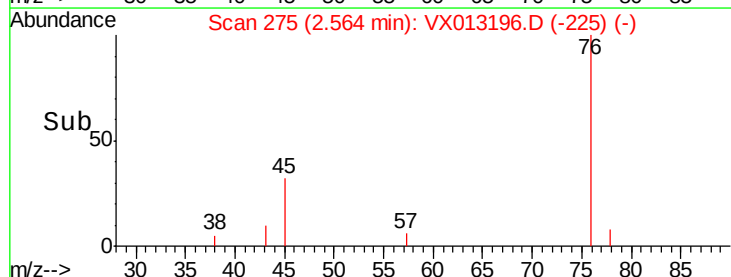
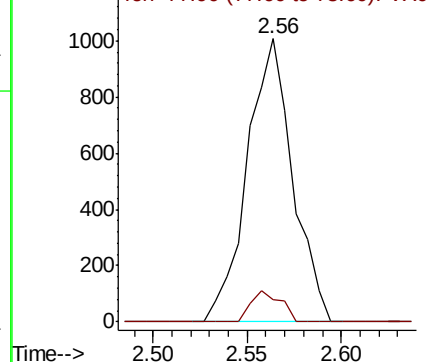
76 100

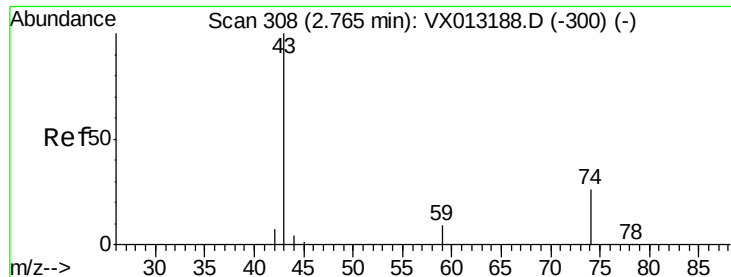
78 7.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

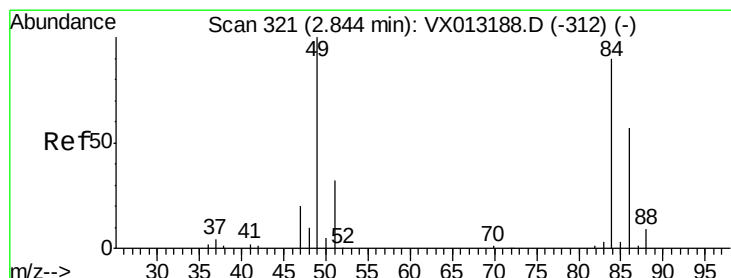
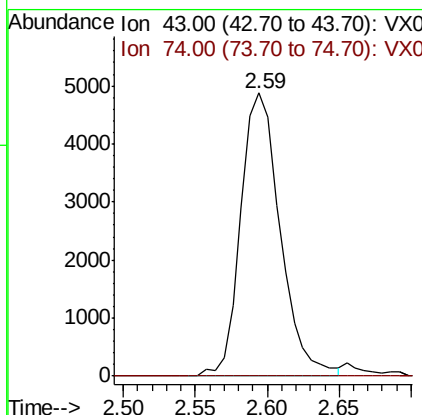
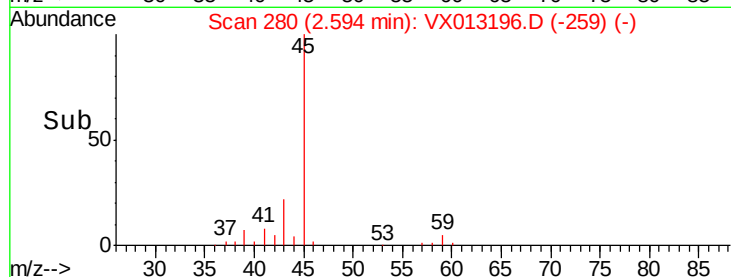
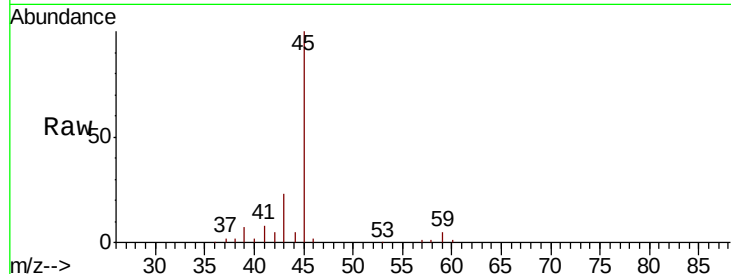




#18
Methvl Acetate
Concen: 6.061 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX013196.D
Acq: 23 Oct 2019 18:55

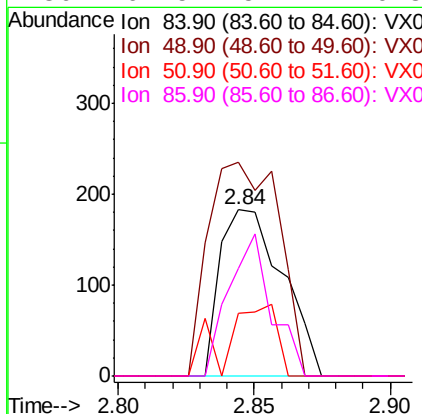
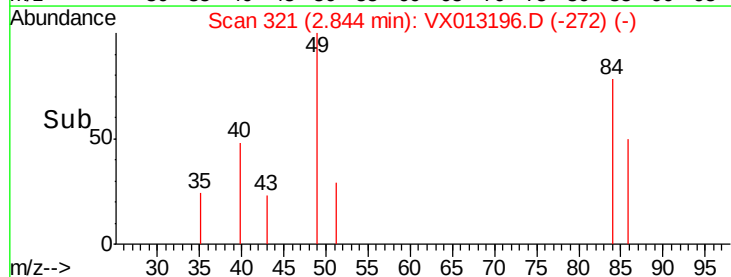
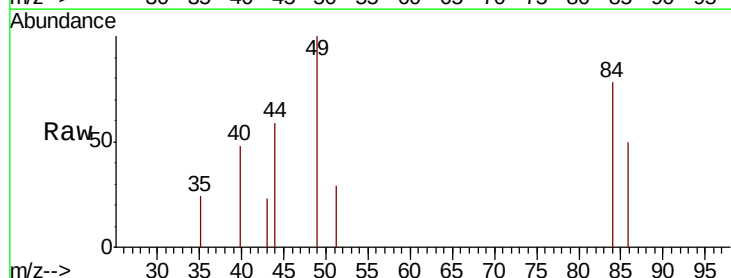
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0542

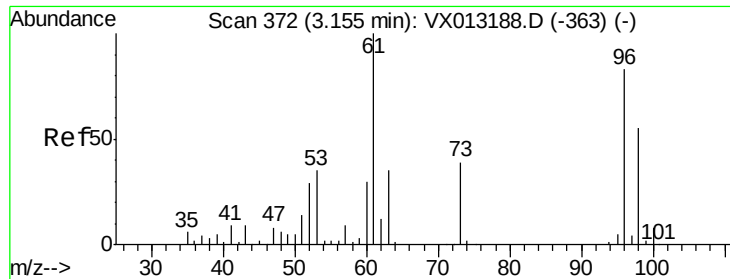
Tot Ion: 43 Resp: 9285
Ion Ratio Lower Upper
43 100
74 0.0 20.9 31.3#



#20
Methylene Chloride
Concen: 0.479 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013196.D
Acq: 23 Oct 2019 18:55

Tgt Ion: 84 Resp: 293
Ion Ratio Lower Upper
84 100
49 128.4 89.2 133.8
51 37.7 28.8 43.2
86 64.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 0.650 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

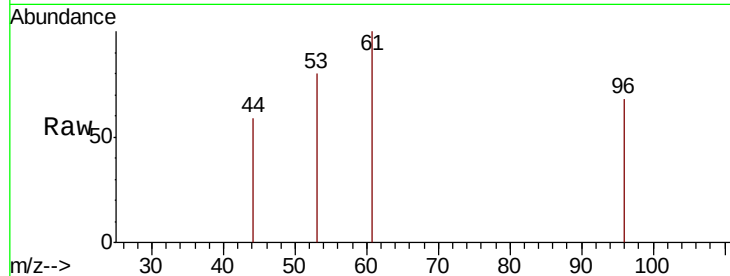
Tot Ion: 96 Resp: 259

Ion Ratio Lower Upper

96 100

61 146.1 96.9 145.3#

98 0.0 53.0 79.4#



Abundance Ion 95.90 (95.60 to 96.60): VX0

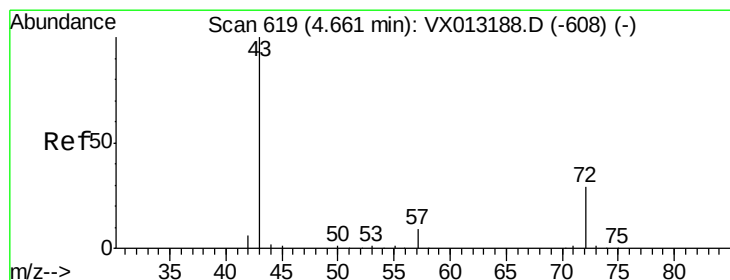
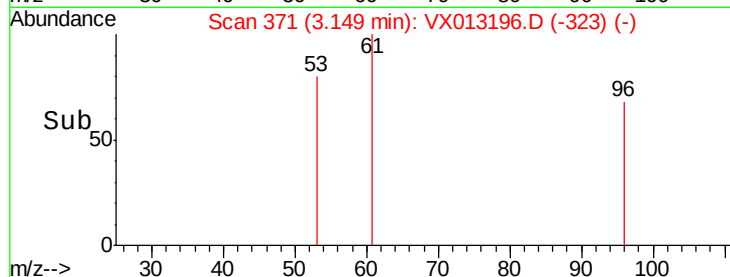
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->

3.15

3.20



#25

2-Butanone

Concen: 0.427 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.02 min

Lab File: VX013196.D

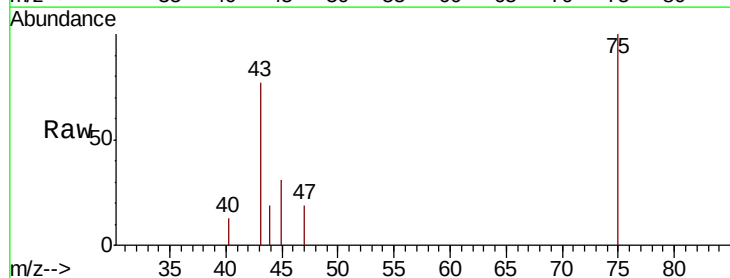
Acq: 23 Oct 2019 18:55

Tgt Ion: 43 Resp: 469

Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



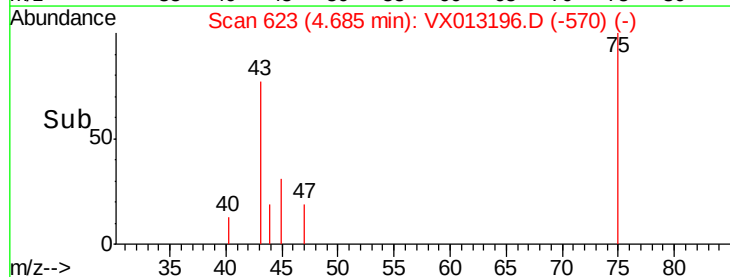
Abundance Ion 43.00 (42.70 to 43.70): VX0

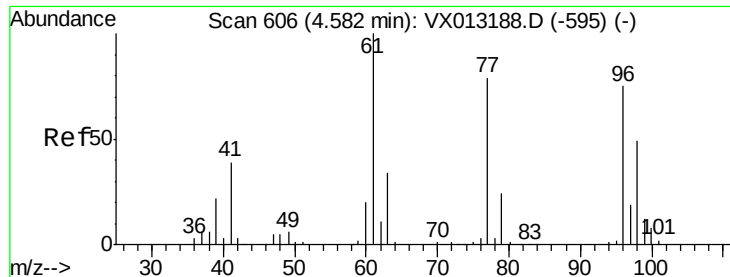
Ion 72.00 (71.70 to 72.70): VX0

Time-->

4.65

4.70





#27

cis-1,2-Dichloroethene

Concen: 2.350 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

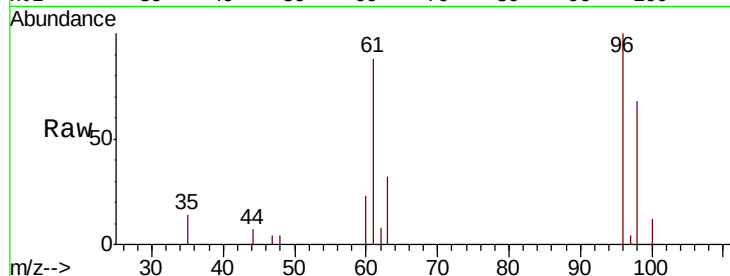
Tot Ion: 96 Resp: 4074

Ion Ratio Lower Upper

96 100

61 123.5 0.0 290.4

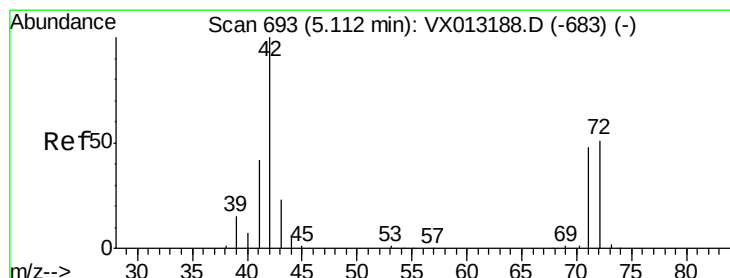
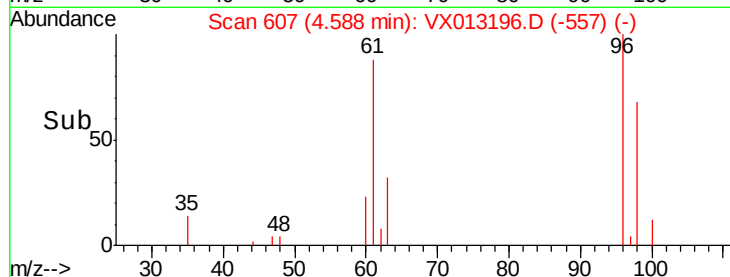
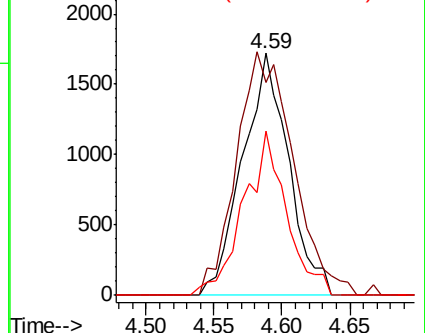
98 63.1 0.0 130.4



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



#29

Tetrahydrofuran

Concen: 0.529 ug/l

RT: 5.15 min Scan# 699

Delta R.T. 0.04 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

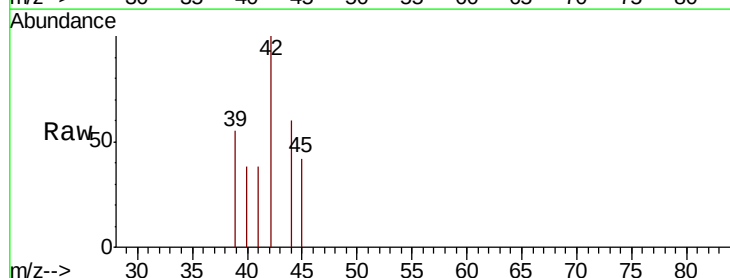
Tgt Ion: 42 Resp: 350

Ion Ratio Lower Upper

42 100

72 8.6 40.9 61.3#

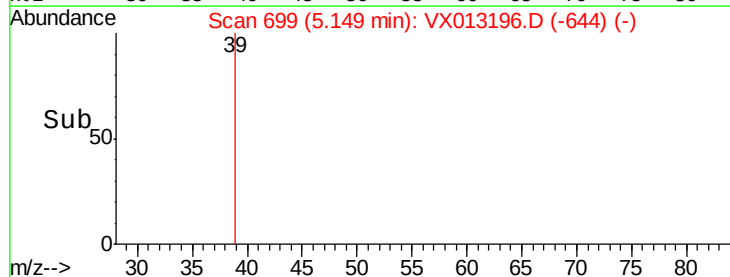
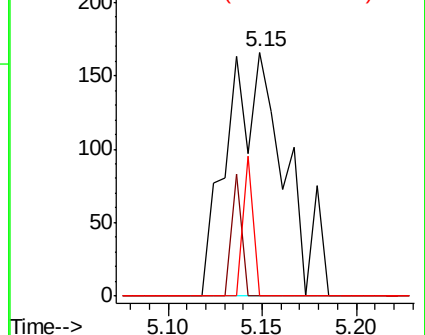
71 10.0 38.6 57.8#

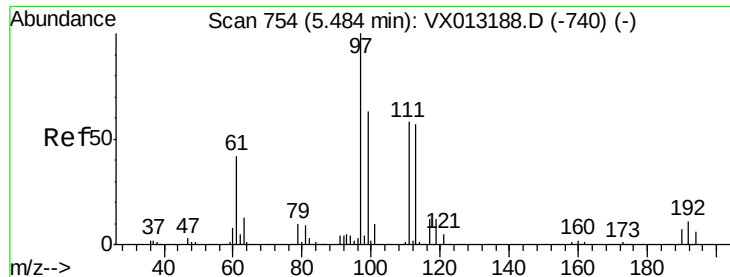


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#32

1,1,1-Trichloroethane

Concen: 0.242 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

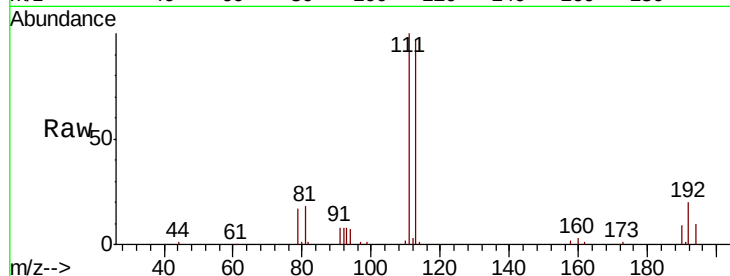
Tot Ion: 97 Resp: 614

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

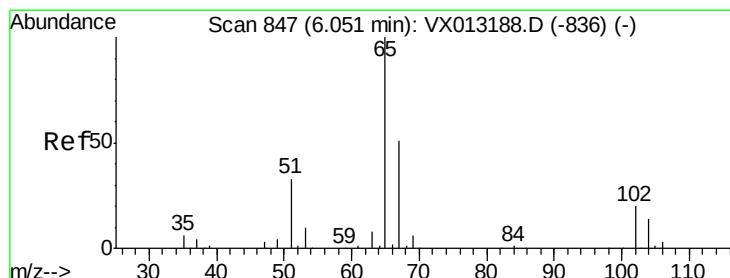
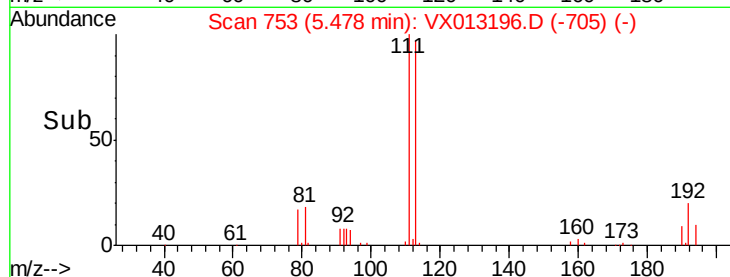
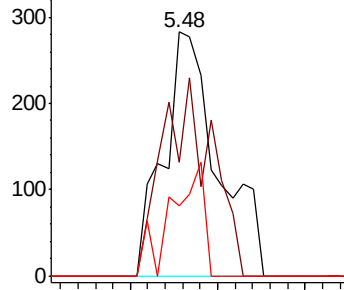
61 27.7 32.8 49.2#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.724 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013196.D

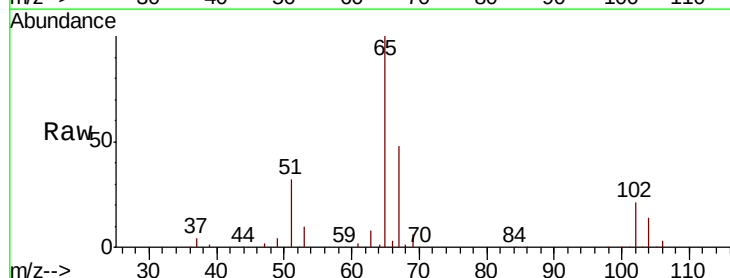
Acq: 23 Oct 2019 18:55

Tgt Ion: 65 Resp: 93387

Ion Ratio Lower Upper

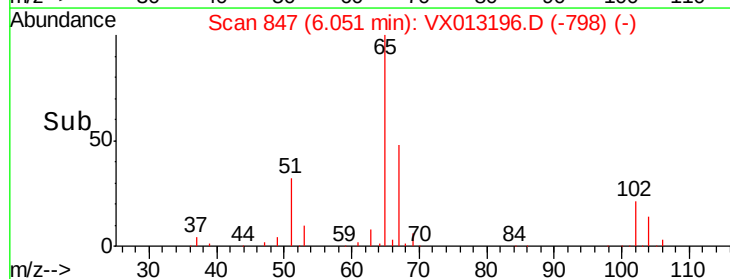
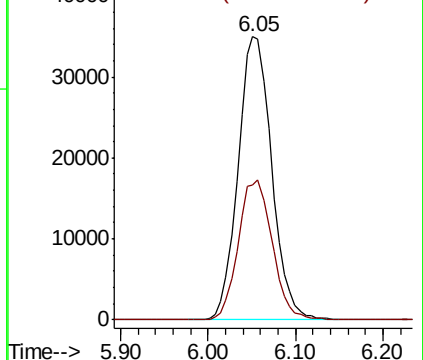
65 100

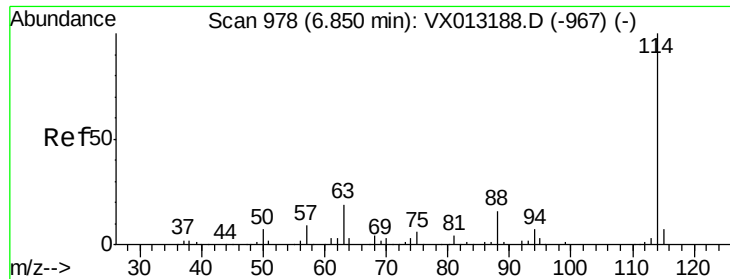
67 50.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

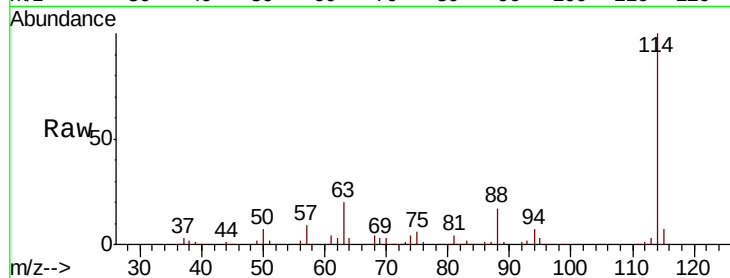




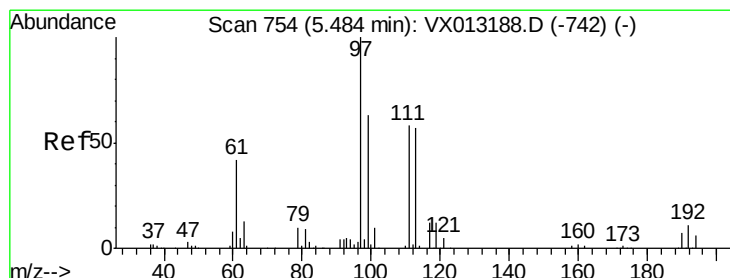
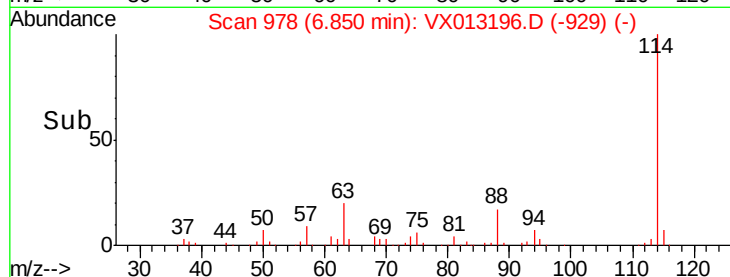
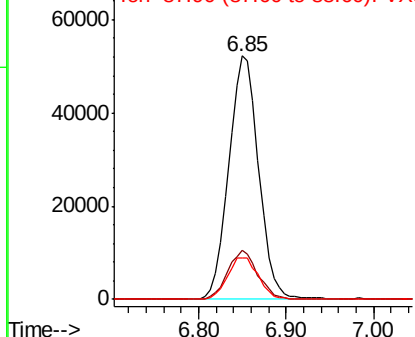
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013196.D
 Acq: 23 Oct 2019 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0542

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	17.2	0.0	32.0

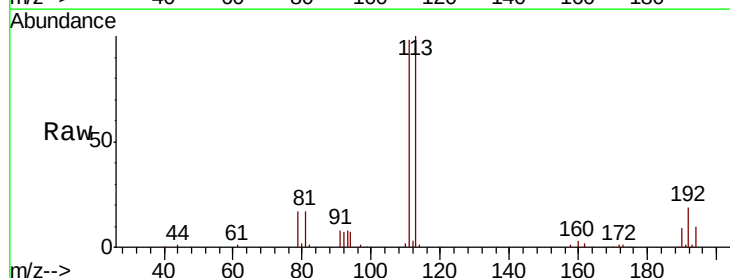


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

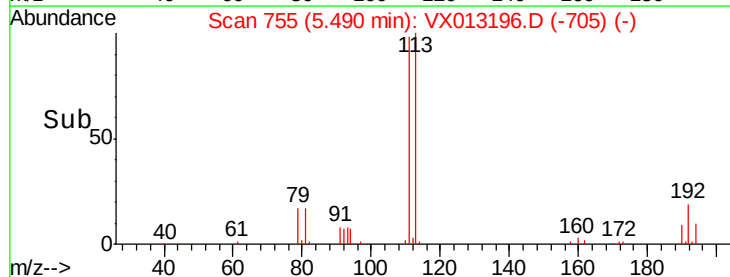
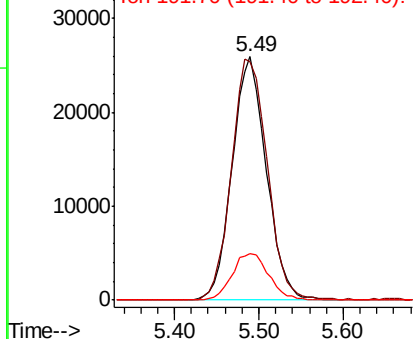


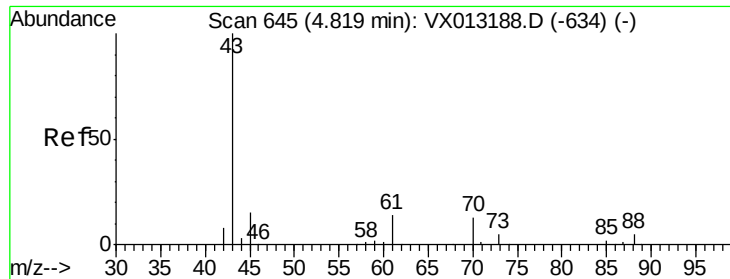
#35
 Dibromofluoromethane
 Concen: 51.298 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013196.D
 Acq: 23 Oct 2019 18:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.3	120.5
192	20.5	15.9	23.9



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





#37

Ethyl Acetate

Concen: 3.800 ug/l

RT: 4.83 min Scan# 647

Delta R.T. 0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

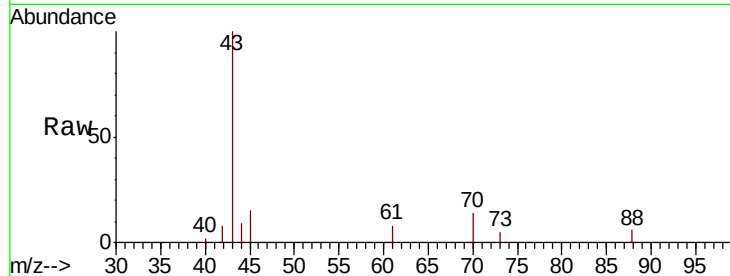
Tot Ion: 43 Resp: 7868

Ion Ratio Lower Upper

43 100

61 7.4 12.1 18.1#

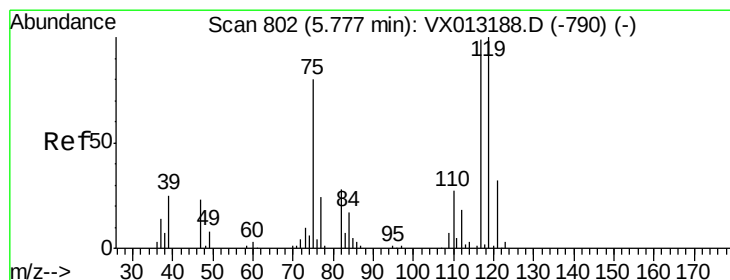
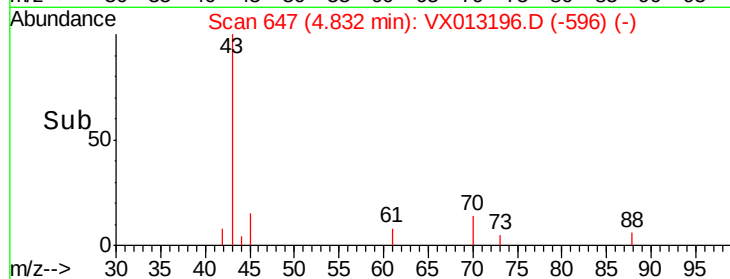
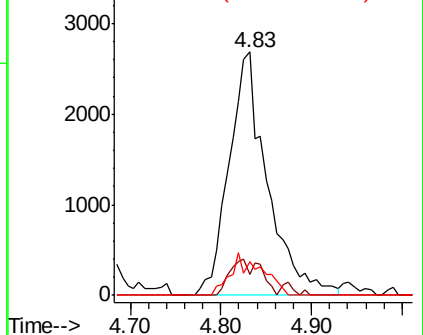
70 14.1 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 3.727 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

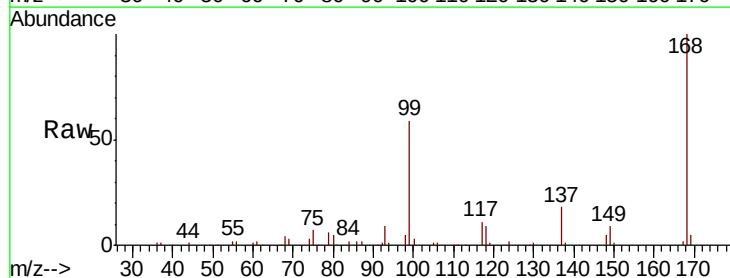
Tgt Ion: 117 Resp: 8559

Ion Ratio Lower Upper

117 100

119 6.0 80.1 120.1#

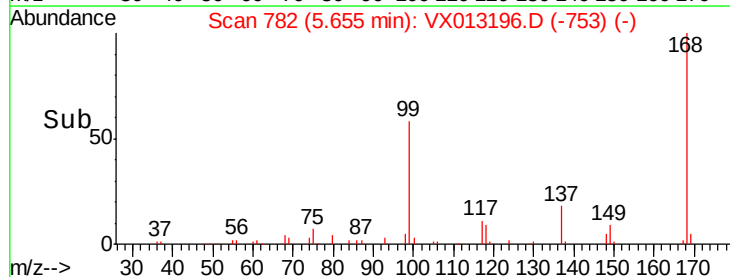
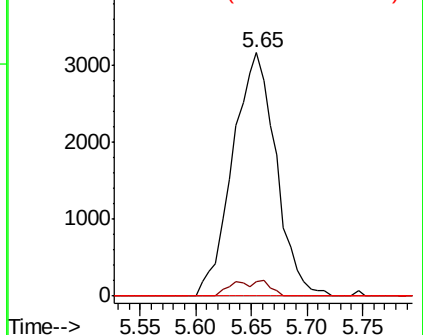
121 0.0 25.5 38.3#

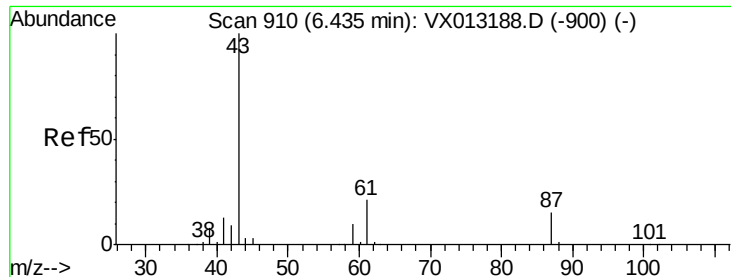


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 0.264 ug/l

RT: 6.33 min Scan# 892

Delta R.T. -0.11 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

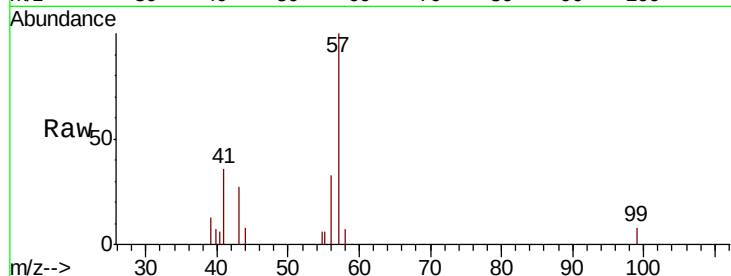
Tot Ion: 43 Resp: 907

Ion Ratio Lower Upper

43 100

61 0.0 17.0 25.4#

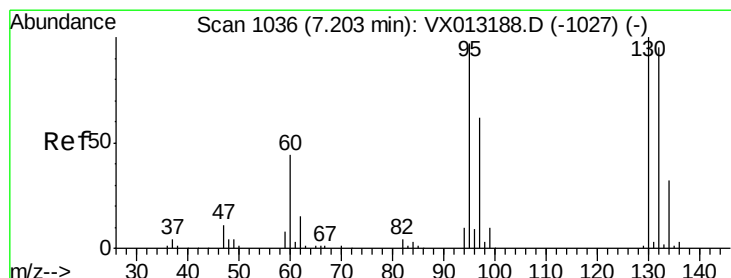
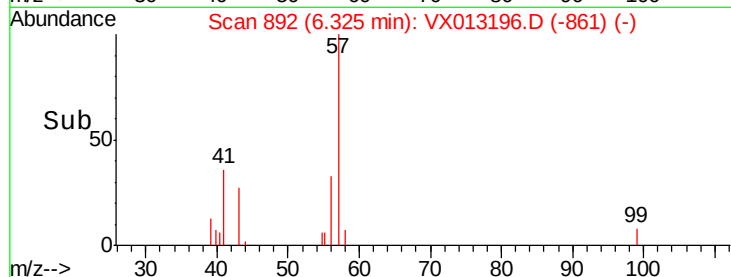
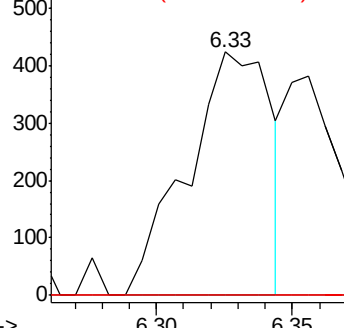
87 0.0 12.1 18.1#



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: 9.259 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013196.D

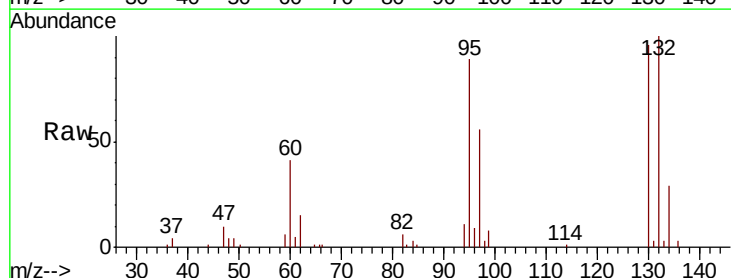
Acq: 23 Oct 2019 18:55

Tgt Ion: 130 Resp: 16399

Ion Ratio Lower Upper

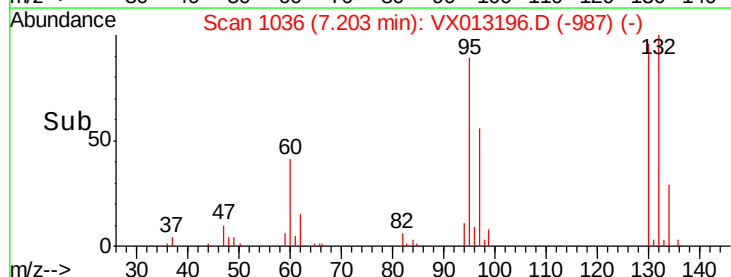
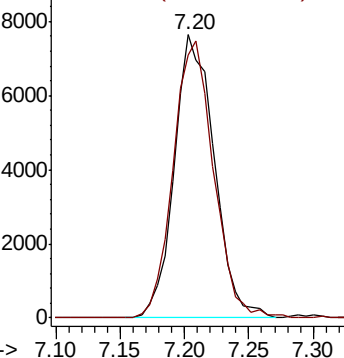
130 100

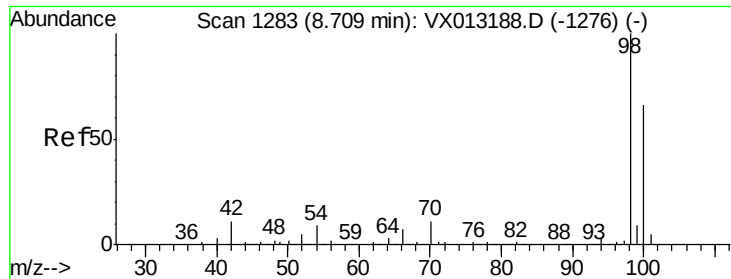
95 92.9 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

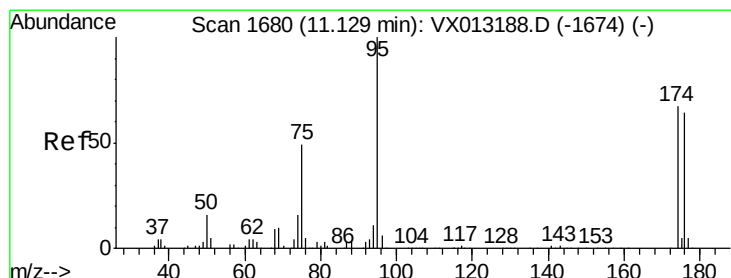
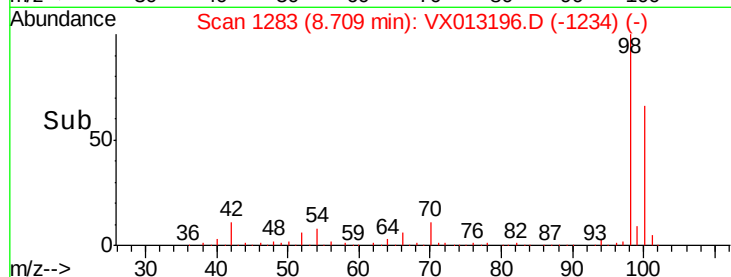
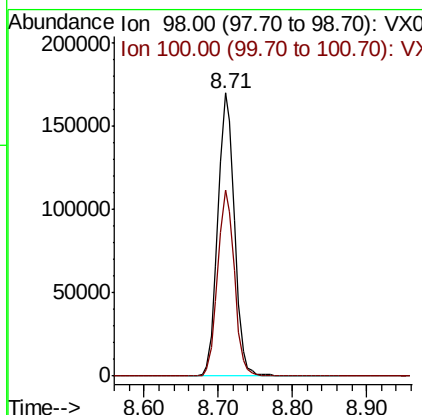
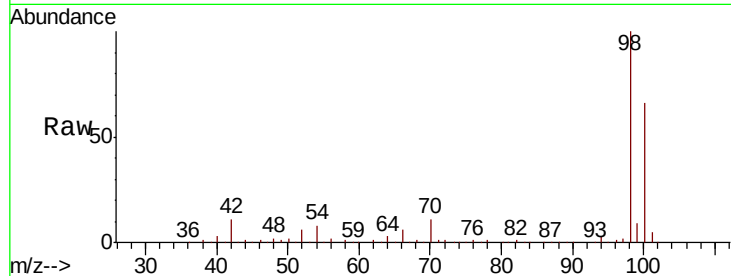




#50
Toluene-d8
Concen: 50.999 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013196.D
Acq: 23 Oct 2019 18:55

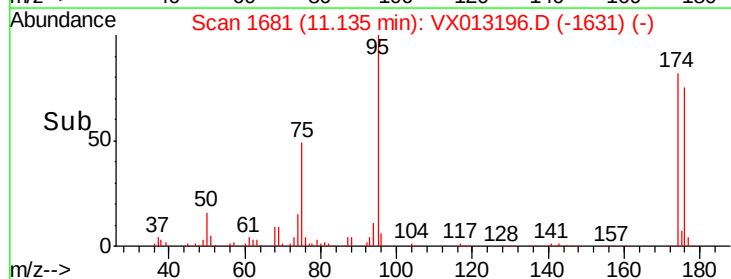
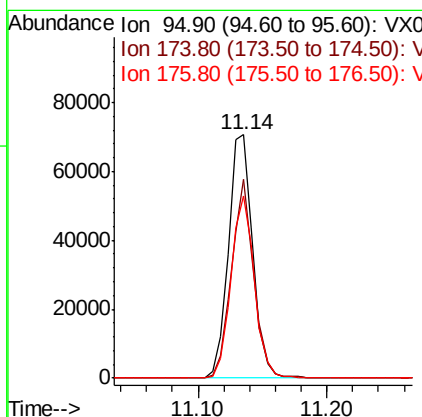
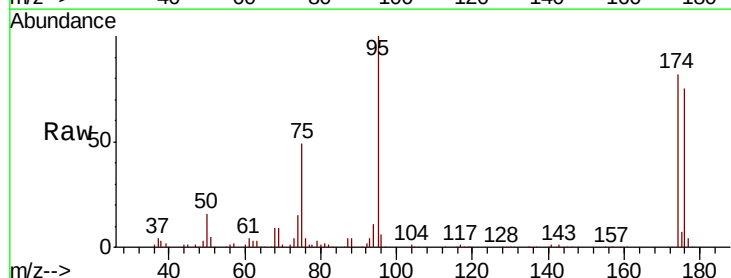
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0542

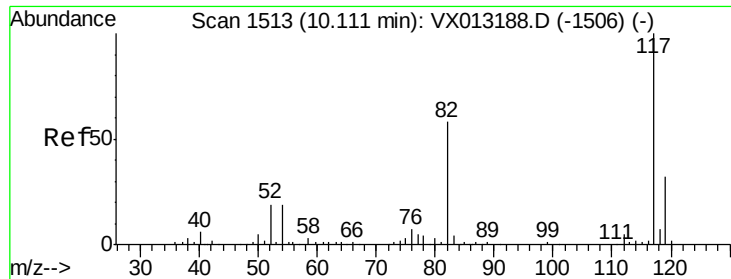
Tot Ion: 98 Resp: 261834
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.930 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013196.D
Acq: 23 Oct 2019 18:55

Tgt Ion: 95 Resp: 93334
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.4
176 72.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

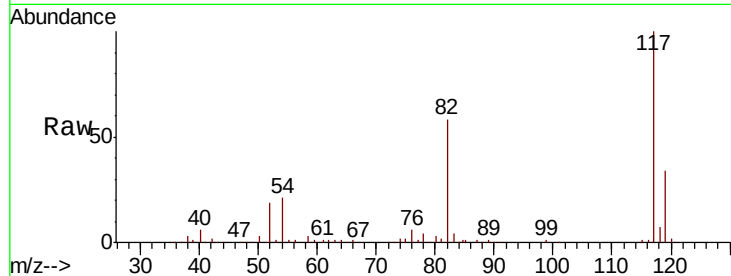
Tot Ion:117 Resp: 120485

Ion Ratio Lower Upper

117 100

82 57.9 46.5 69.7

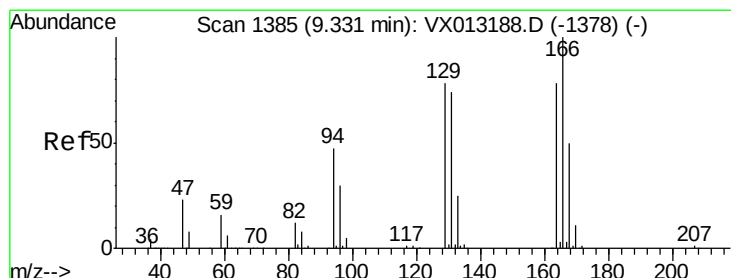
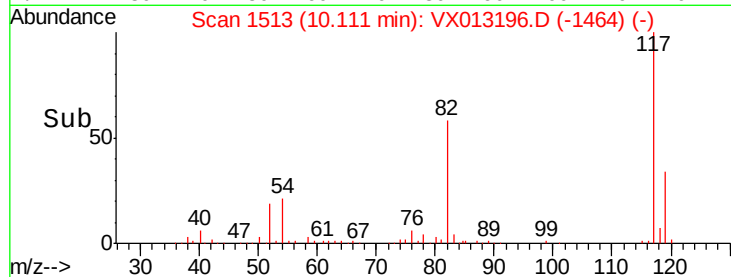
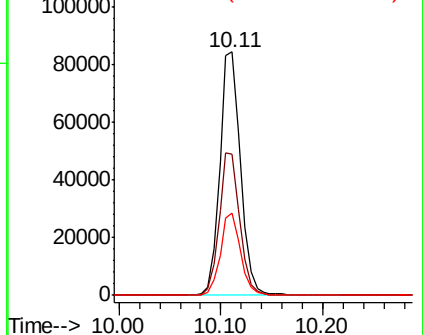
119 33.6 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: Below Cal

RT: 9.32 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Tgt Ion:164 Resp: 297

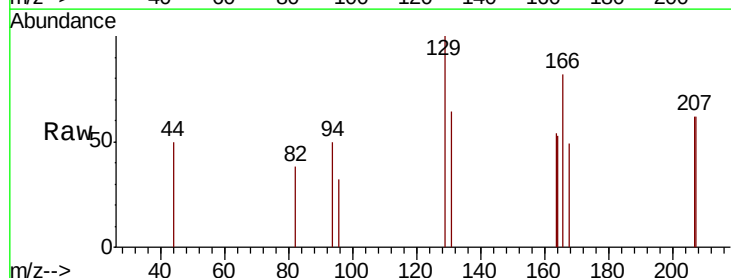
Ion Ratio Lower Upper

164 100

166 76.9 102.2 153.4#

129 94.2 79.8 119.8

131 60.1 75.3 112.9#

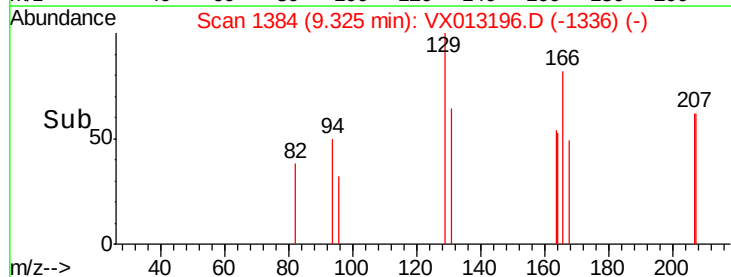
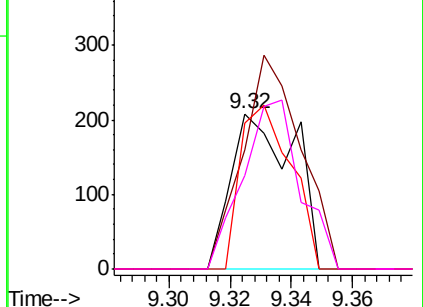


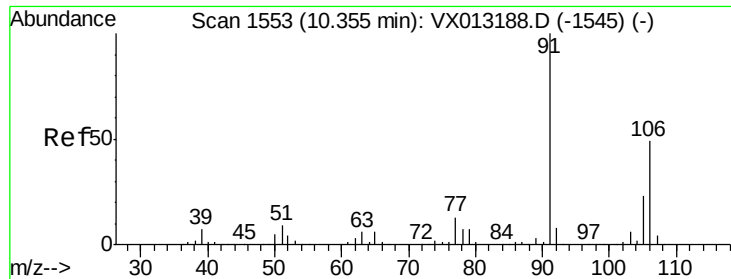
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

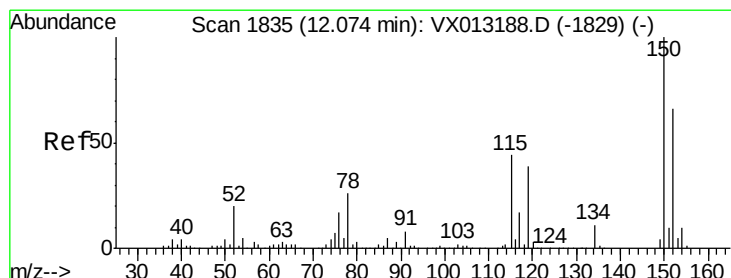
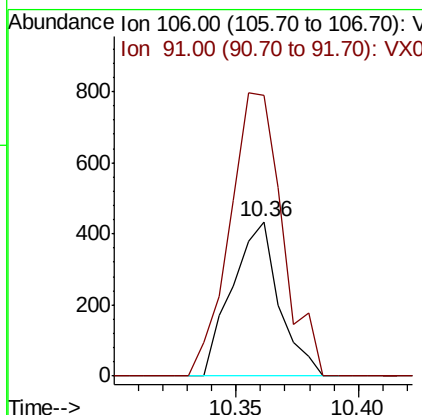
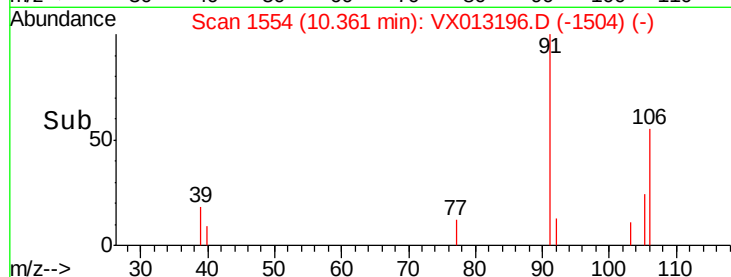
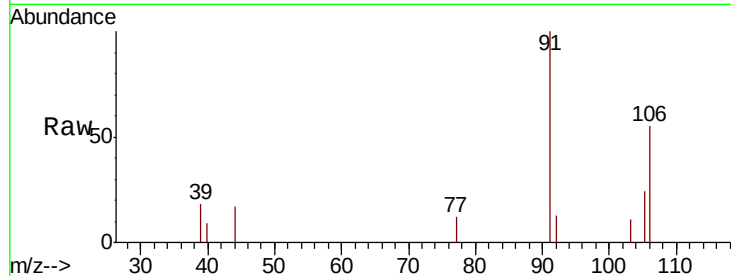




#68
m/p-Xvlenes
Concen: 0.203 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX013196.D
Acq: 23 Oct 2019 18:55

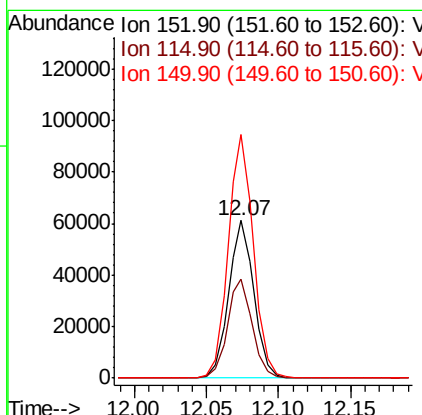
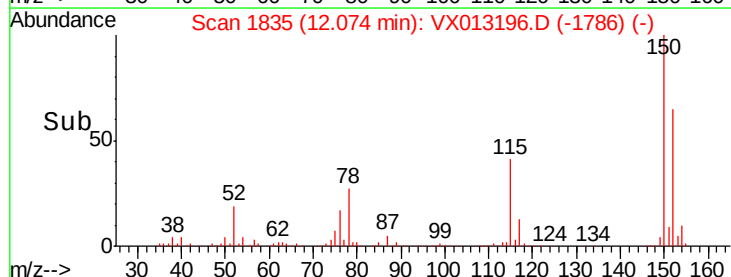
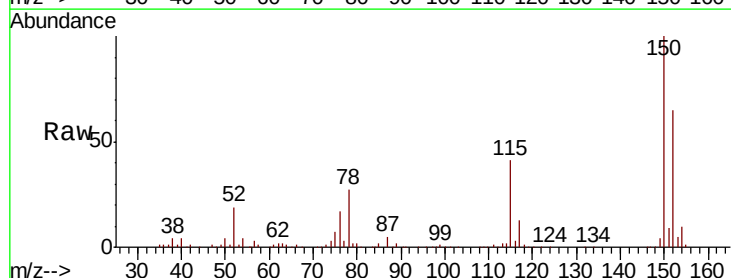
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0542

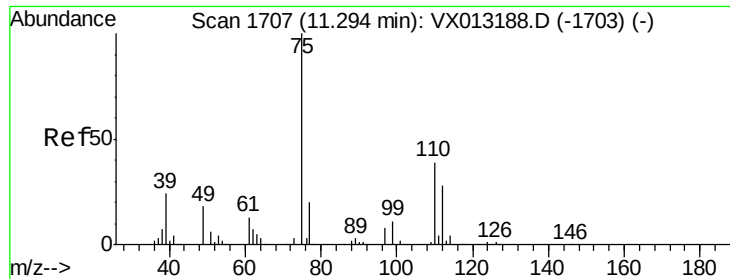
Tot Ion:106 Resp: 579
Ion Ratio Lower Upper
106 100
91 205.5 166.8 250.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013196.D
Acq: 23 Oct 2019 18:55

Tgt Ion:152 Resp: 74938
Ion Ratio Lower Upper
152 100
115 62.1 46.6 139.8
150 154.7 0.0 354.0





#76

1,2,3-Trichloropropane

Concen: 25.101 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

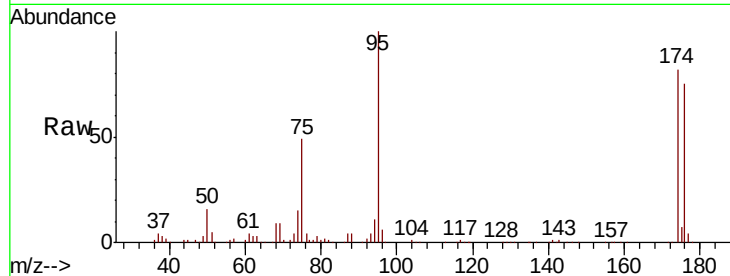
FA19-JMW0542

Tot Ion: 75 Resp: 45336

Ion Ratio Lower Upper

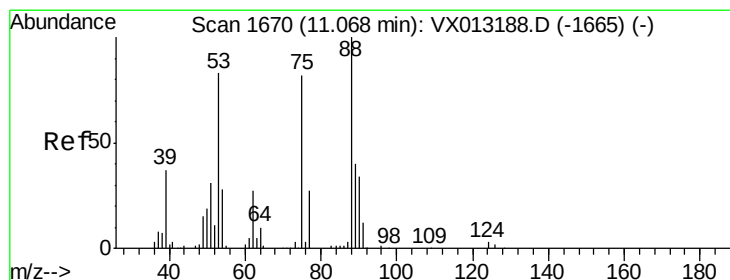
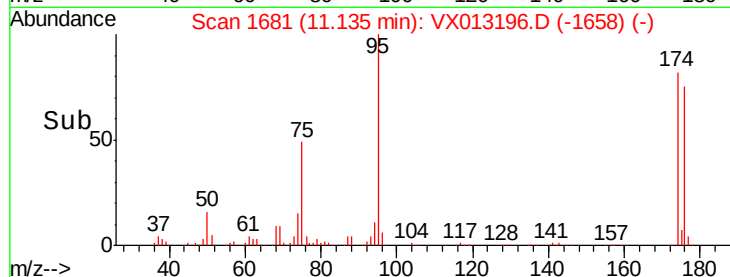
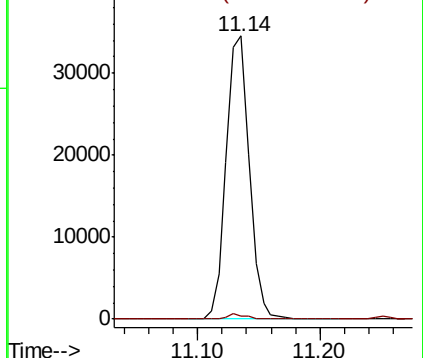
75 100

77 1.5 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 68.976 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

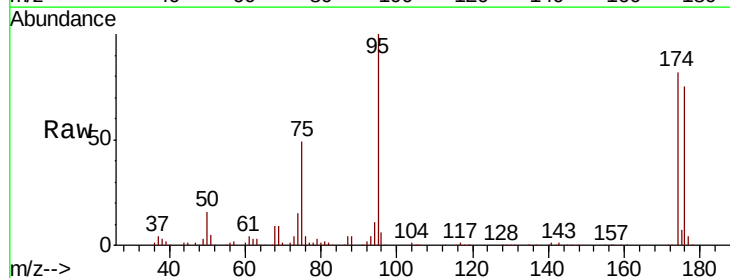
Tgt Ion: 75 Resp: 45336

Ion Ratio Lower Upper

75 100

53 0.0 77.9 116.9#

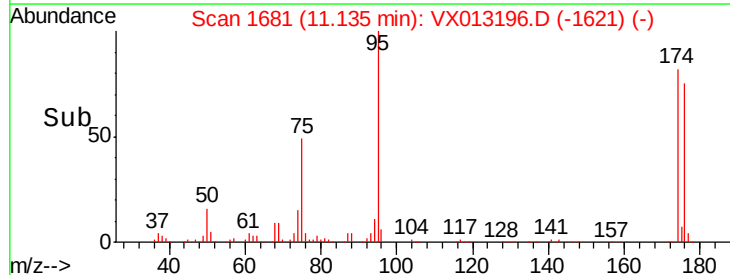
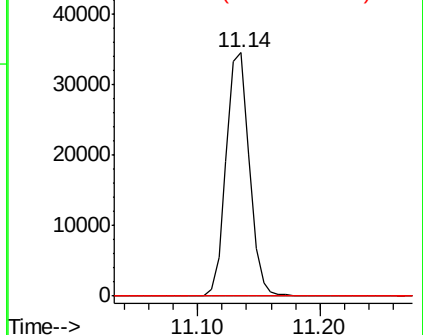
89 0.0 37.3 55.9#

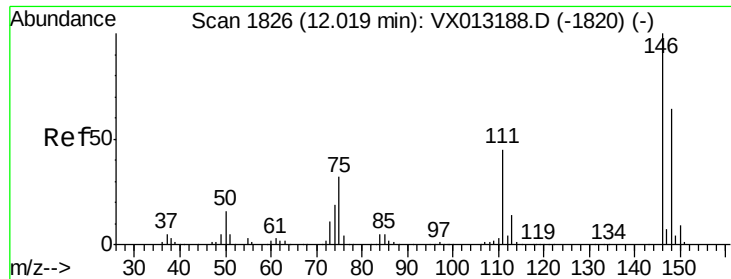


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

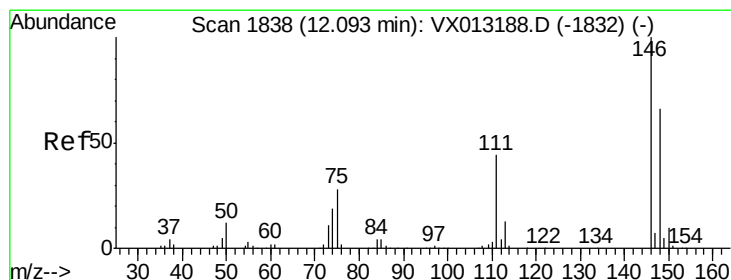
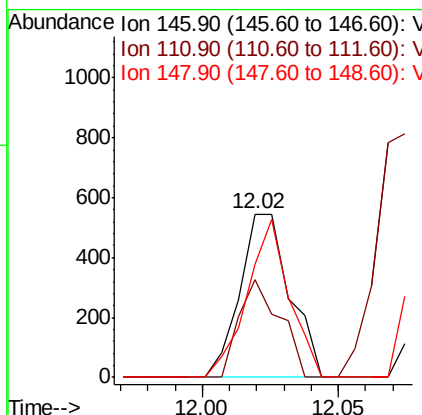
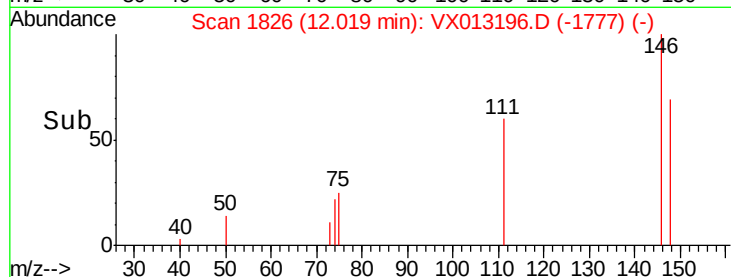
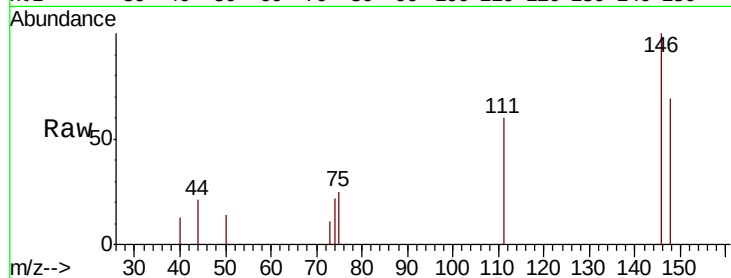




#87
 1,3-Dichlorobenzene
 Concen: 0.236 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013196.D
 Acq: 23 Oct 2019 18:55

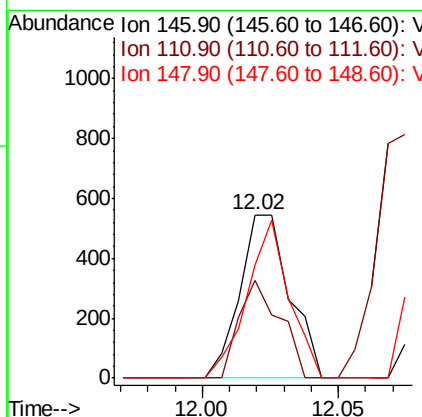
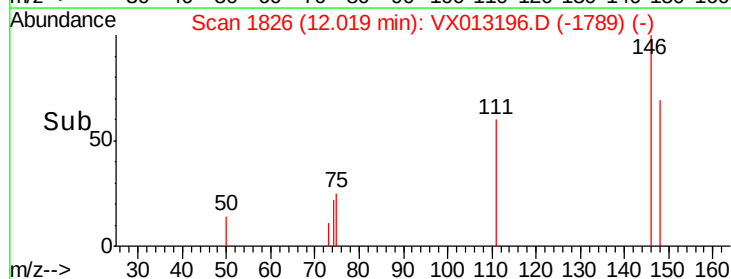
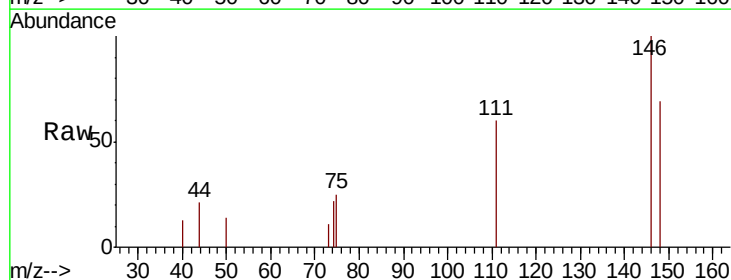
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0542

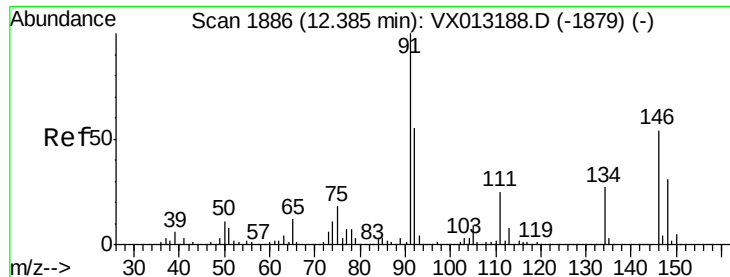
Tot Ion:146 Resp: 696
 Ion Ratio Lower Upper
 146 100
 111 48.7 21.3 63.9
 148 81.5 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 0.232 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.07 min
 Lab File: VX013196.D
 Acq: 23 Oct 2019 18:55

Tgt Ion:146 Resp: 696
 Ion Ratio Lower Upper
 146 100
 111 48.7 21.3 63.9
 148 81.5 32.5 97.5





#89

n-Butylbenzene

Concen: 0.230 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

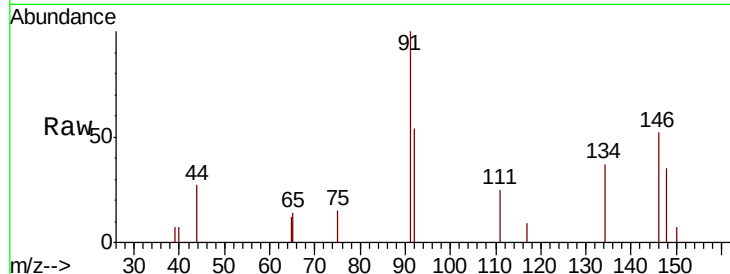
Tot Ion: 91 Resp: 1127

Ion Ratio Lower Upper

91 100

92 41.1 27.7 83.1

134 21.7 13.2 39.6

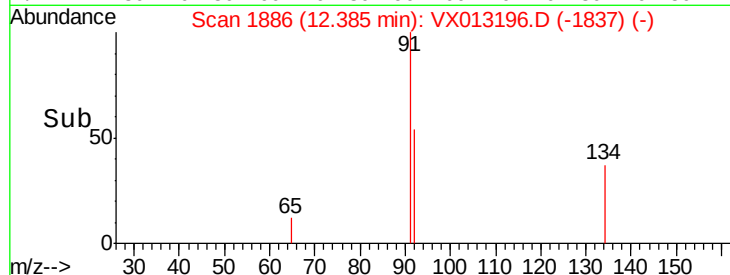


Abundance Ion 91.00 (90.70 to 91.70): VX013188.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX013188.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX013188.D (-1879) (-)

Time-->

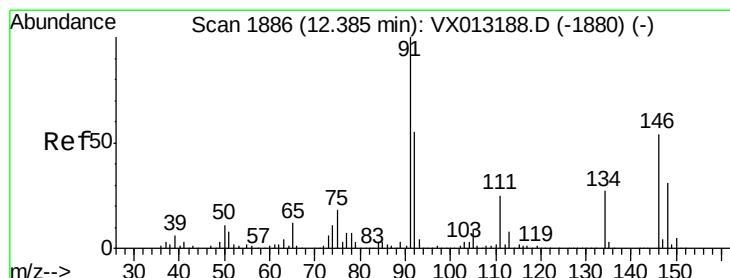


Abundance Ion 91.00 (90.70 to 91.70): VX013196.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX013196.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX013196.D (-1837) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.204 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

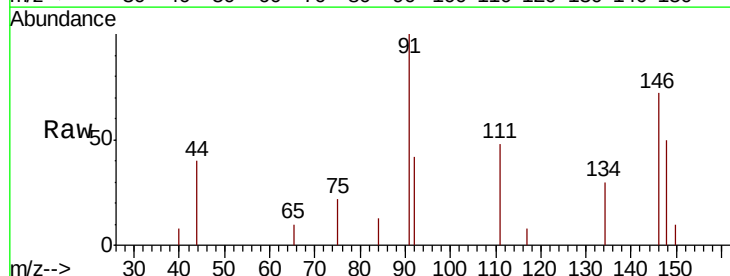
Tgt Ion: 146 Resp: 590

Ion Ratio Lower Upper

146 100

111 52.7 22.9 68.8

148 82.2 31.8 95.3

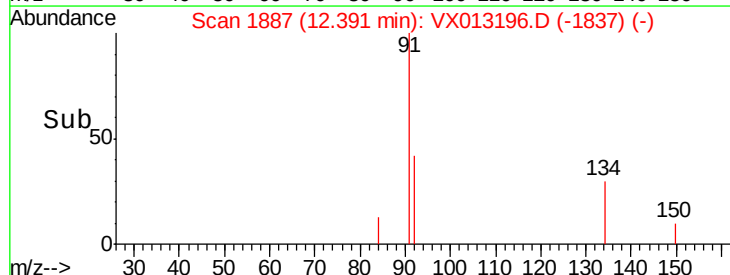


Abundance Ion 145.90 (145.60 to 146.60): VX013188.D (-1880) (-)

Ion 110.90 (110.60 to 111.60): VX013188.D (-1880) (-)

Ion 147.90 (147.60 to 148.60): VX013188.D (-1880) (-)

Time-->

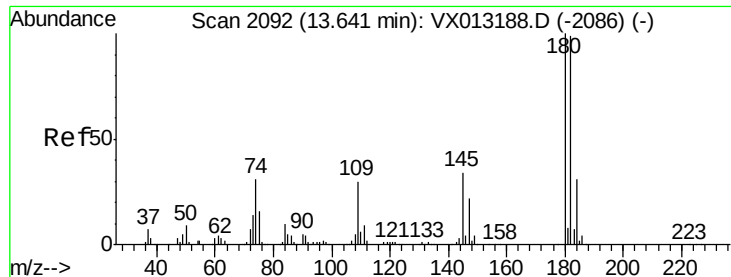


Abundance Ion 145.90 (145.60 to 146.60): VX013196.D (-1837) (-)

Ion 110.90 (110.60 to 111.60): VX013196.D (-1837) (-)

Ion 147.90 (147.60 to 148.60): VX013196.D (-1837) (-)

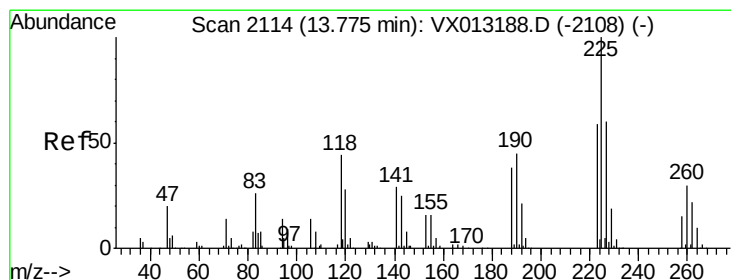
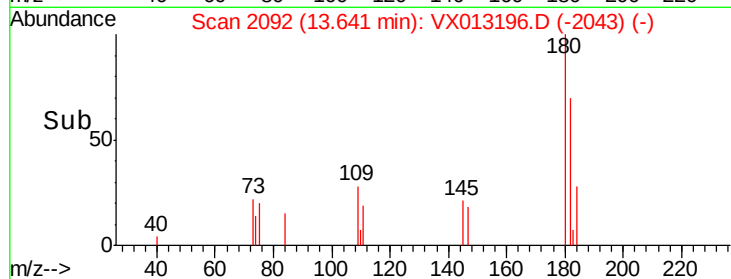
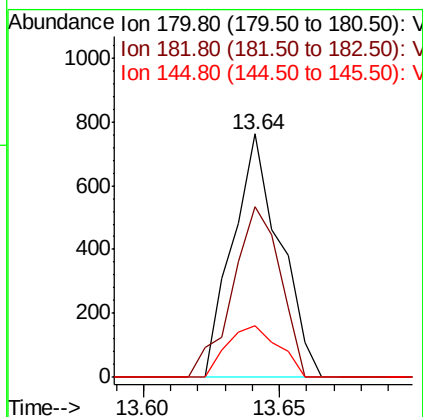
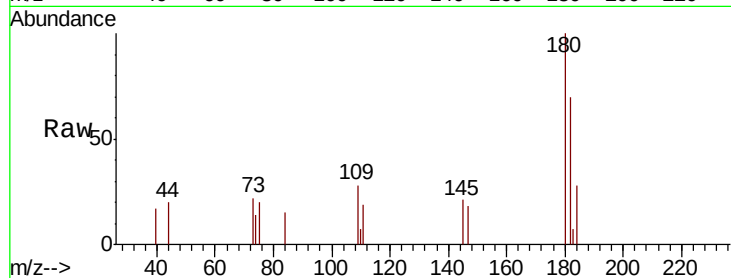
Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 0.503 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013196.D
 Acq: 23 Oct 2019 18:55

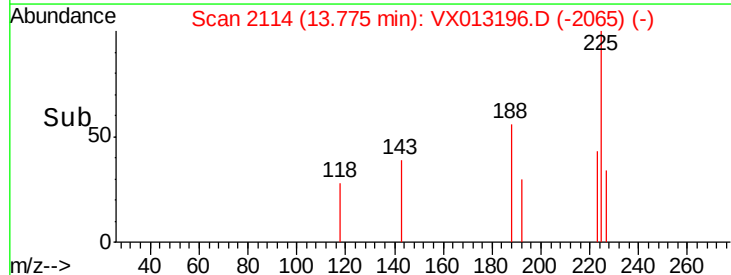
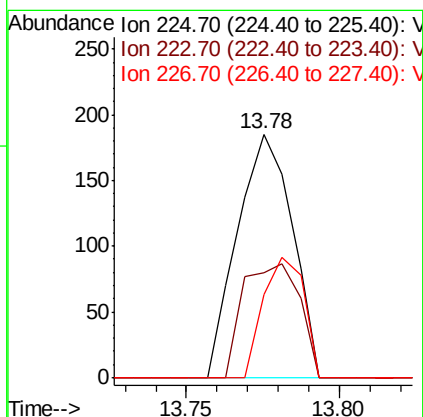
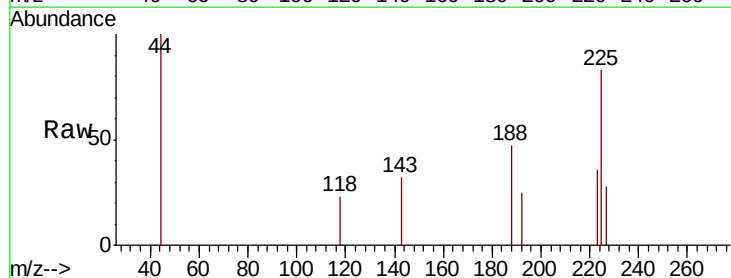
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0542

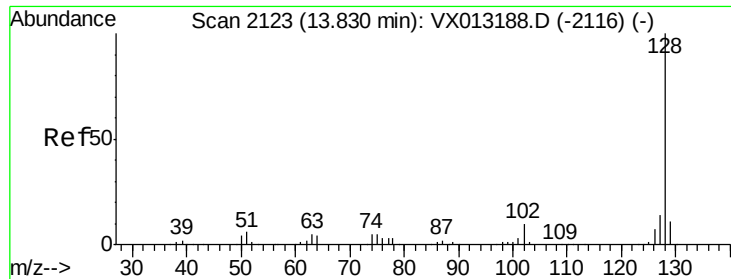
Tot Ion:180 Resp: 917
 Ion Ratio Lower Upper
 180 100
 182 71.1 45.9 137.6
 145 23.2 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 0.245 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013196.D
 Acq: 23 Oct 2019 18:55

Tgt Ion:225 Resp: 231
 Ion Ratio Lower Upper
 225 100
 223 48.1 30.9 92.5
 227 36.8 30.3 90.9





#95

Naphthalene

Concen: 0.412 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0542

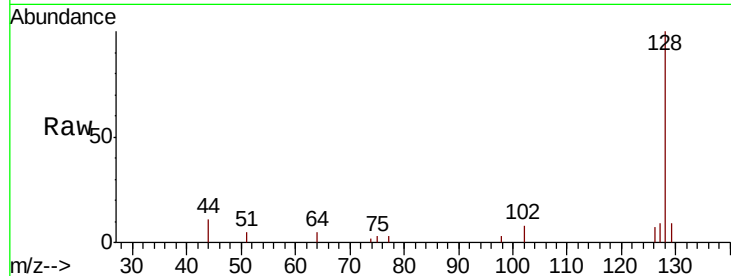
Tot Ion:128 Resp: 2305

Ion Ratio Lower Upper

128 100

127 16.3 10.7 16.1#

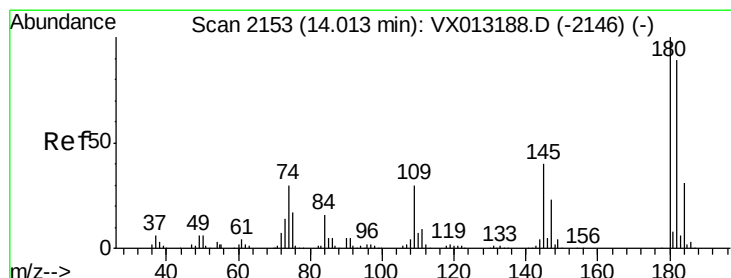
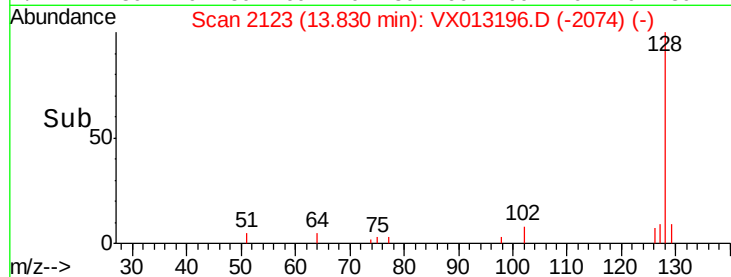
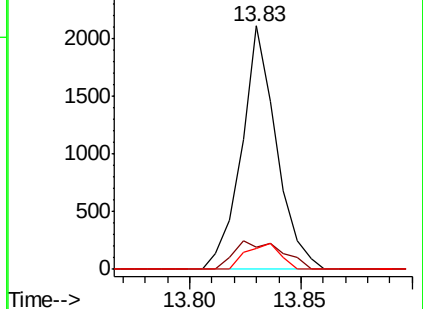
129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.372 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013196.D

Acq: 23 Oct 2019 18:55

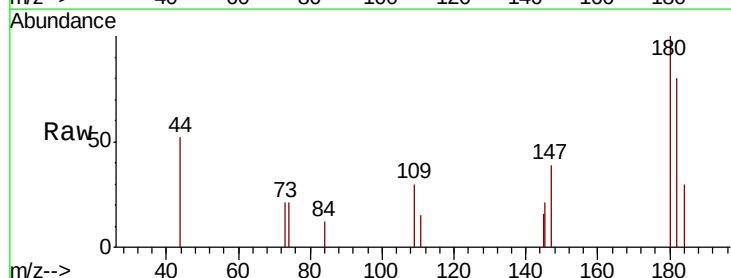
Tgt Ion:180 Resp: 671

Ion Ratio Lower Upper

180 100

182 98.1 48.3 144.9

145 40.5 18.6 55.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

