

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
 Data File : VX011452.D
 Acq On : 12 Aug 2019 00:25
 Operator : JC/SP
 Sample : K4277-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-22

Quant Time: Aug 12 07:56:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123510	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105625	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
35) Dibromofluoromethane	5.49	113	90135	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	8.71	98	356234	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.13	95	119346	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	

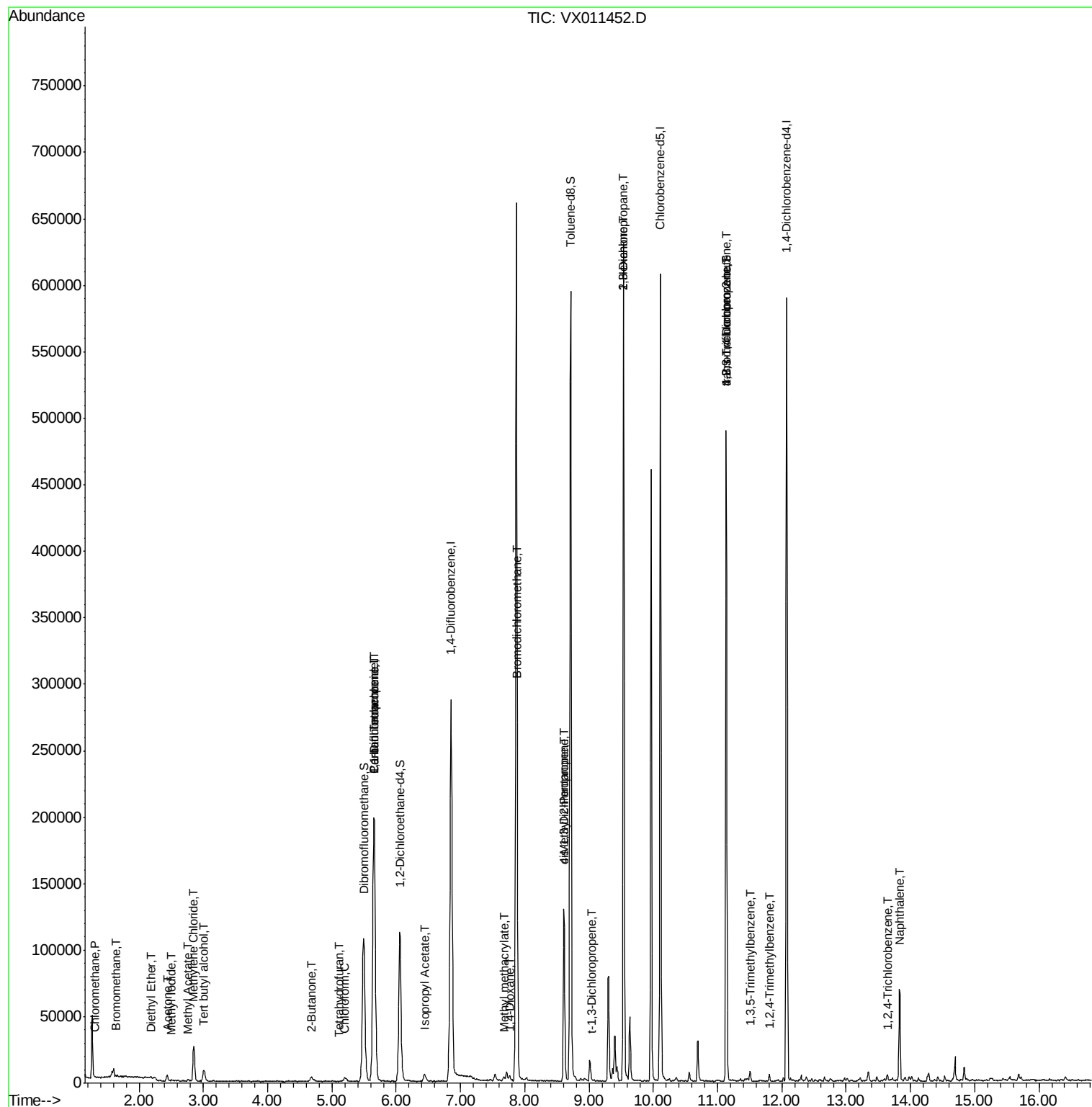
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	375	0.219	ug/l #	3
5) Bromomethane	1.64	94	482	0.359	ug/l	98
6) Chloroethane	1.70	64	107	Below Cal	#	43
8) Diethyl Ether	2.18	74	262	0.219	ug/l	76
10) Methyl Iodide	2.51	142	517	0.227	ug/l	91
11) Tert butyl alcohol	3.01	59	4714	11.932	ug/l #	78
13) Acrolein	2.26	56	50	Below Cal	#	15
16) Acetone	2.44	43	4988	5.280	ug/l	95
18) Methyl Acetate	2.77	43	1233	0.571	ug/l	92
20) Methylene Chloride	2.85	84	12352	5.970	ug/l	96
25) 2-Butanone	4.68	43	1050	0.781	ug/l #	46
29) Tetrahydrofuran	5.10	42	312	0.379	ug/l #	35
30) Chloroform	5.20	83	3036	0.902	ug/l	87
36) 1,1-Dichloropropene	5.65	75	13755	5.333	ug/l #	50
38) Carbon Tetrachloride	5.65	117	19261	7.422	ug/l #	14
43) Isopropyl Acetate	6.44	43	8052	1.947	ug/l	97
47) Bromodichloromethane	7.89	83	677	0.275	ug/l #	83
48) Methyl methacrylate	7.68	41	3782	1.943	ug/l #	10
49) 1,4-Dioxane	7.76	88	21	0.372	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	41262	15.457	ug/l #	48
53) t-1,3-Dichloropropene	9.04	75	44	2.853	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	21732	7.551	ug/l #	62
57) 1,3-Dichloropropane	9.54	76	5381	1.626	ug/l #	41
59) 2-Hexanone	9.54	43	69801	33.758	ug/l #	50
76) 1,2,3-Trichloropropane	11.13	75	60096	26.718	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.51	105	2687	0.380	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	60096	69.412	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	2216	0.315	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	813	0.295	ug/l	86
95) Naphthalene	13.83	128	44676	5.540	ug/l	99

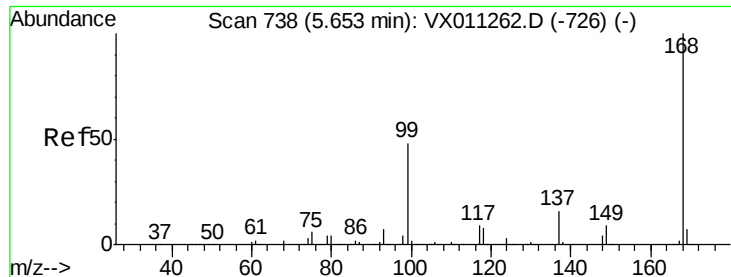
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampled :

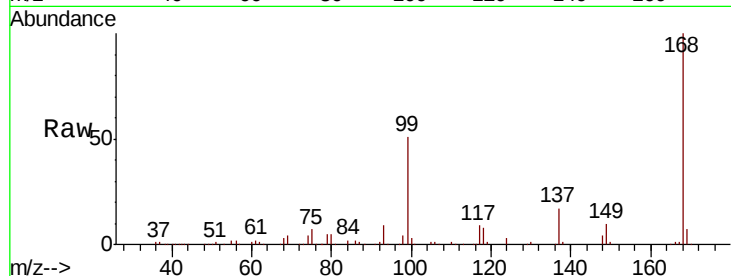
TP-22

Tgt Ion:168 Resp: 197100

Ion Ratio Lower Upper

168 100

99 51.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

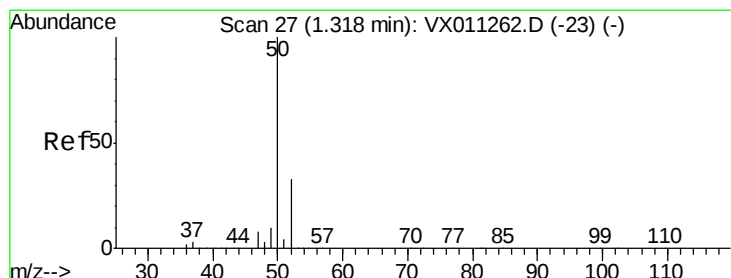
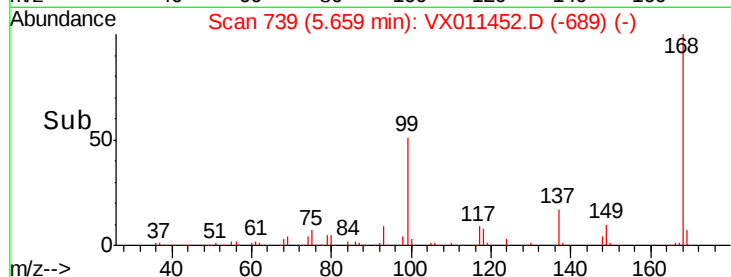
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.219 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011452.D

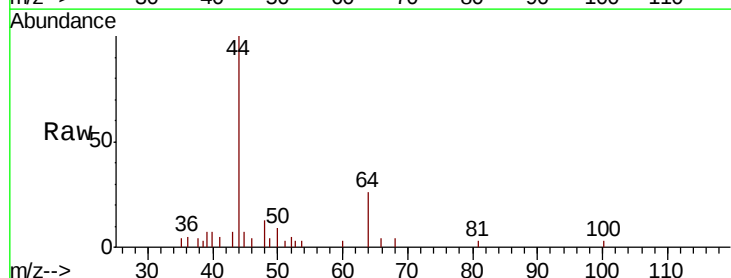
Acq: 12 Aug 2019 00:25

Tgt Ion: 50 Resp: 375

Ion Ratio Lower Upper

50 100

52 87.6 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

800

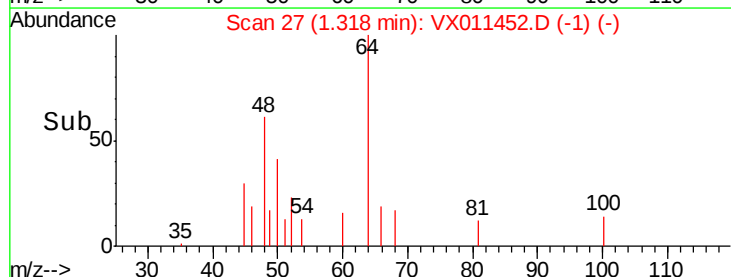
600

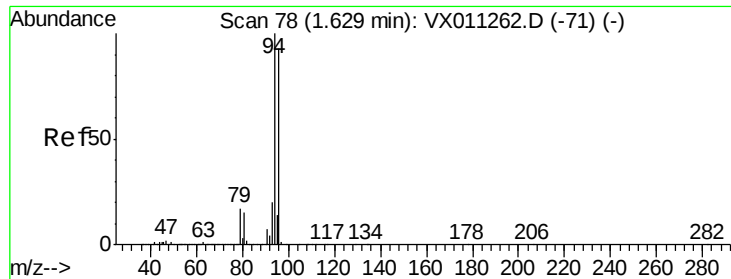
400

200

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.359 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampled :

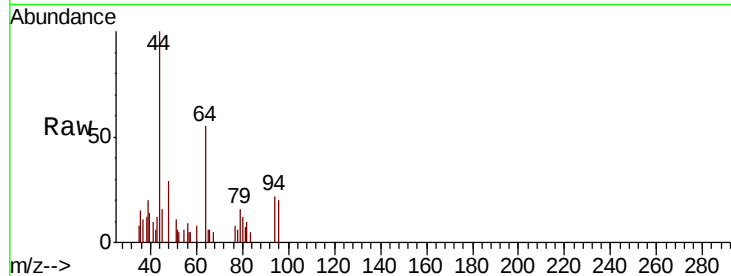
TP-22

Tgt Ion: 94 Resp: 482

Ion Ratio Lower Upper

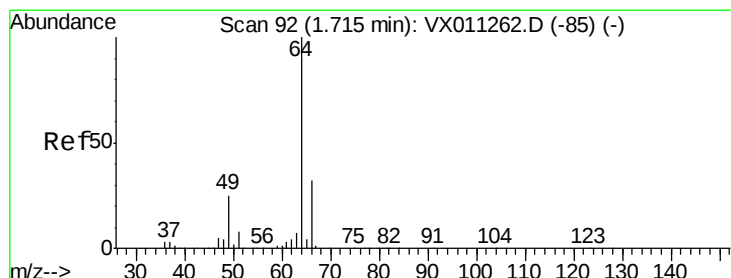
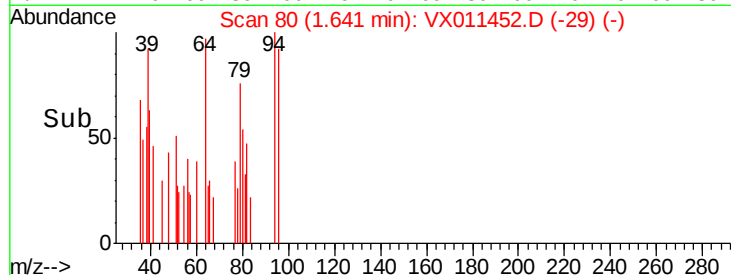
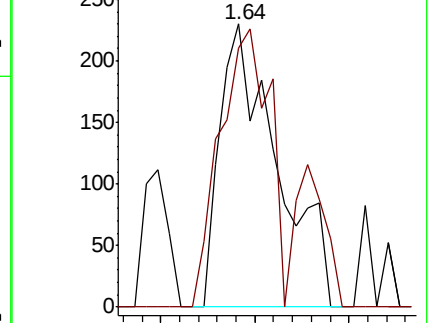
94 100

96 91.7 74.6 112.0



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: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX011452.D

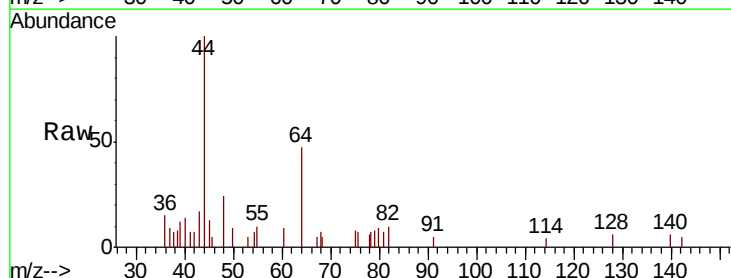
Acq: 12 Aug 2019 00:25

Tgt Ion: 64 Resp: 107

Ion Ratio Lower Upper

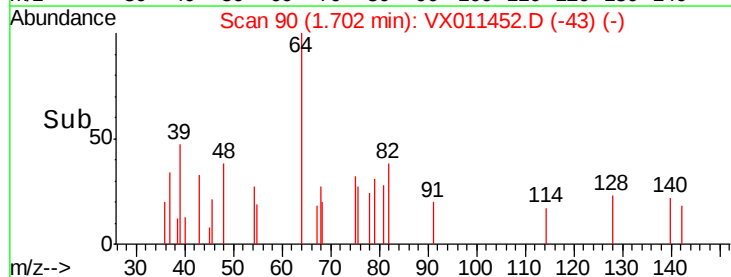
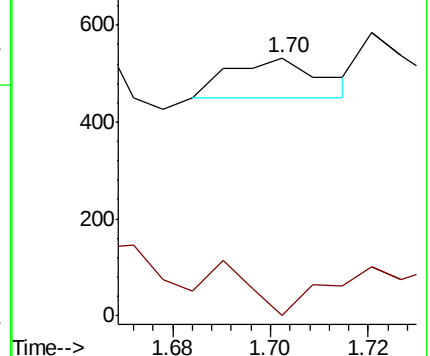
64 100

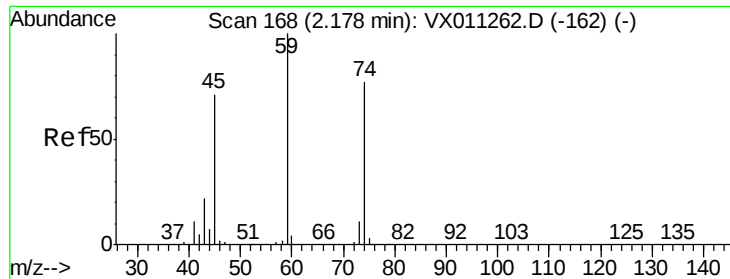
66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

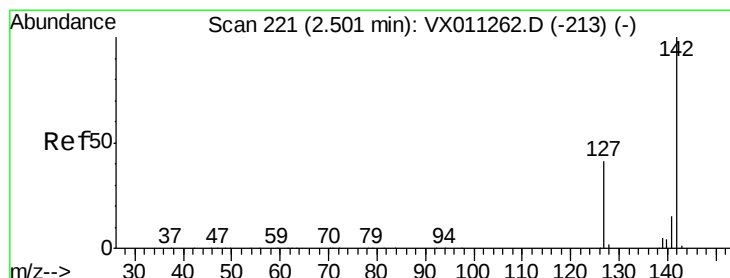
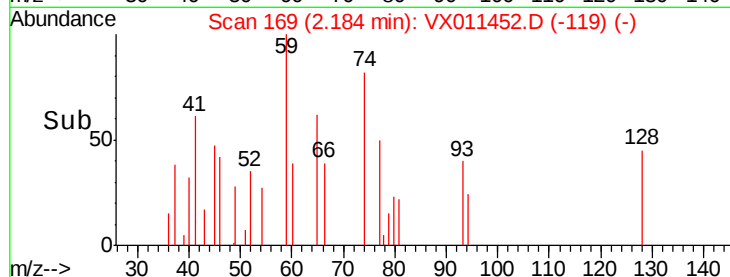
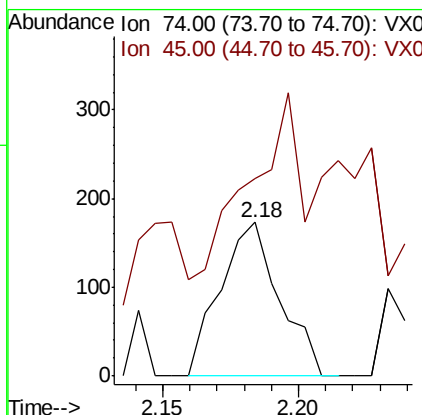
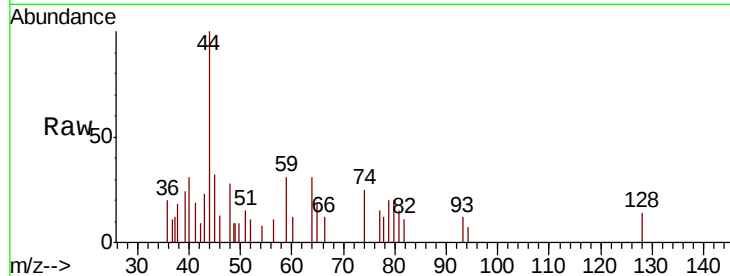




#8
Diethyl Ether
Concen: 0.219 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

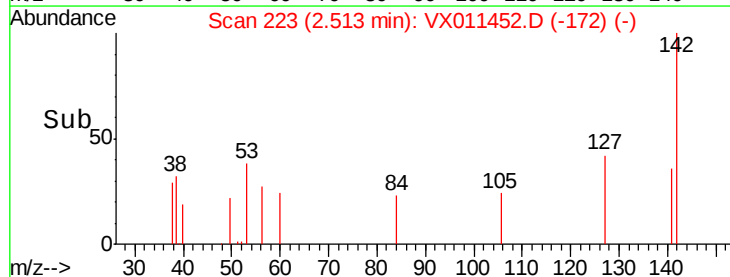
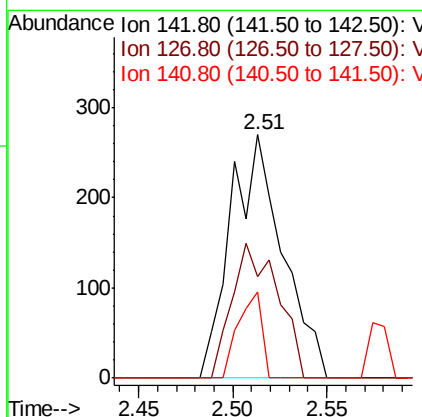
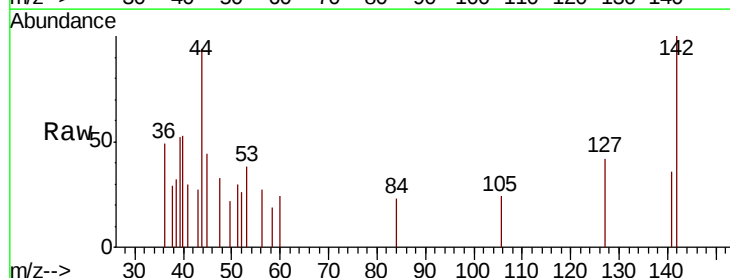
Instrument :
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ClientSampled :
TP-22

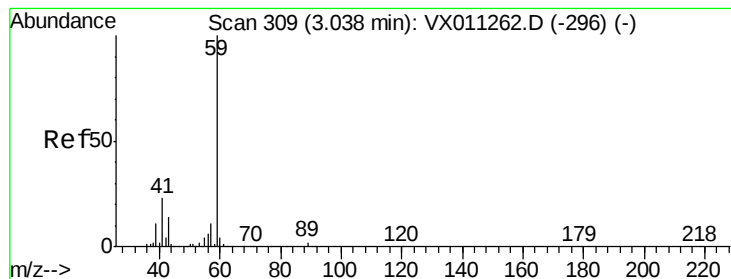
Tgt Ion: 74 Resp: 262
Ion Ratio Lower Upper
74 100
45 114.9 46.1 138.3



#10
Methyl Iodide
Concen: 0.227 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

Tgt Ion: 142 Resp: 517
Ion Ratio Lower Upper
142 100
127 48.7 33.8 50.8
141 16.1 11.4 17.2



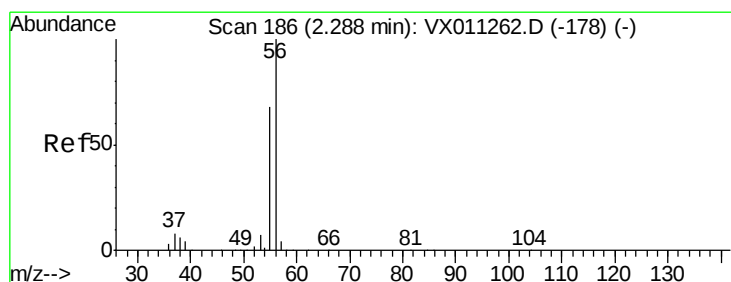
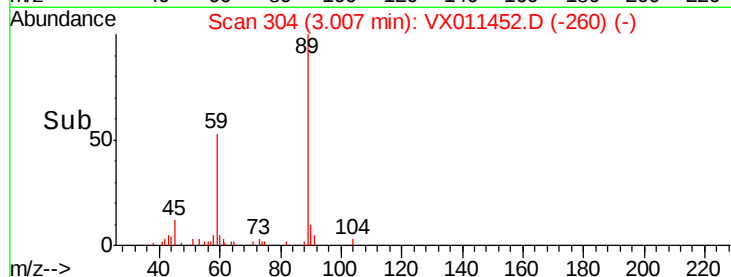
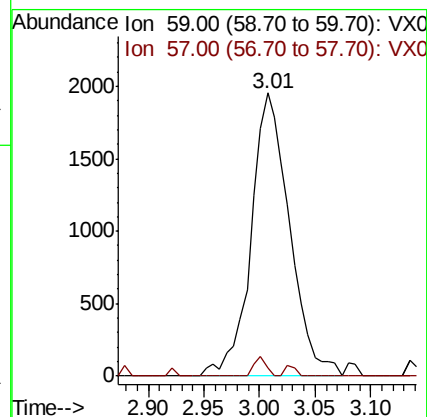
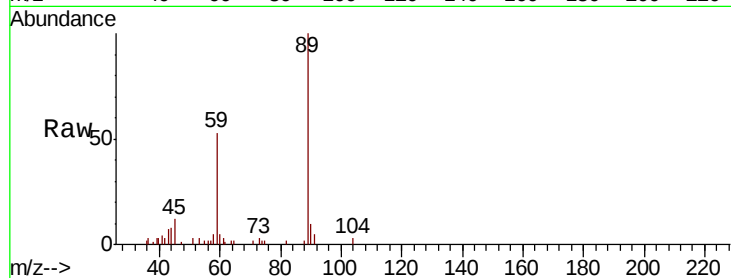


#11

Tert butyl alcohol
 Concen: 11.932 ug/l
 RT: 3.01 min Scan# 304
 Delta R.T. -0.03 min
 Lab File: VX011452.D
 Acq: 12 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-22

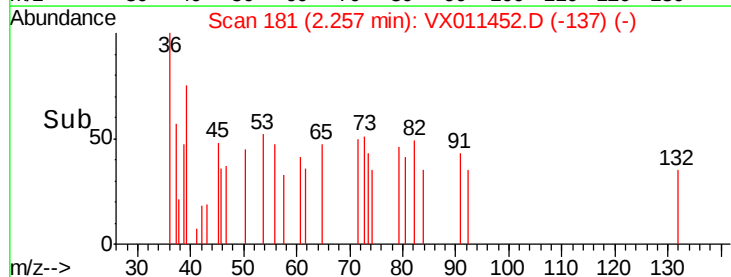
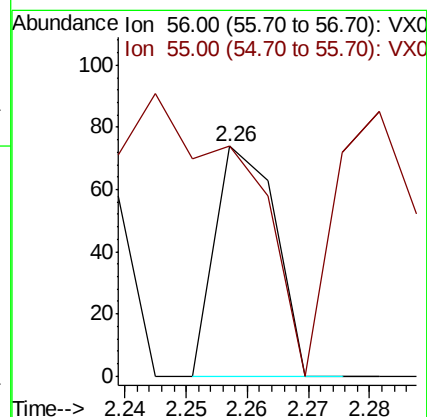
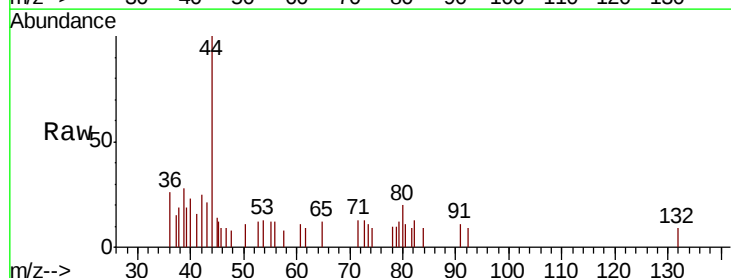
Tgt Ion: 59 Resp: 4714
 Ion Ratio Lower Upper
 59 100
 57 2.2 8.3 12.5#

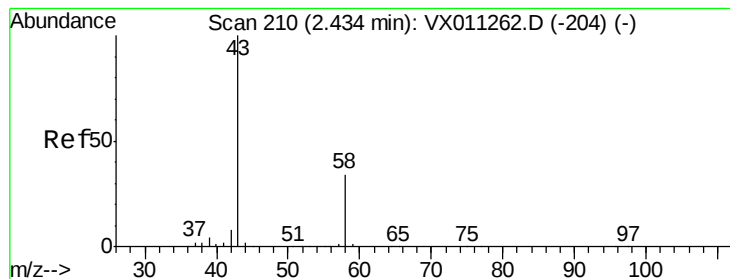


#13

Acrolein
 Concen: Below Cal
 RT: 2.26 min Scan# 181
 Delta R.T. -0.03 min
 Lab File: VX011452.D
 Acq: 12 Aug 2019 00:25

Tgt Ion: 56 Resp: 50
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.0 84.0#





#16

Acetone

Concen: 5.280 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampled :

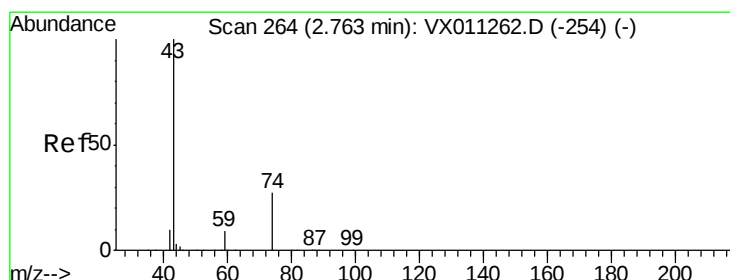
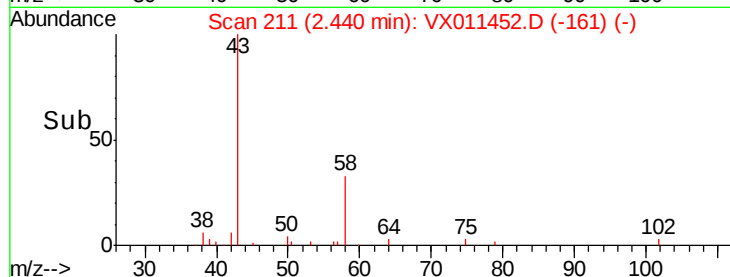
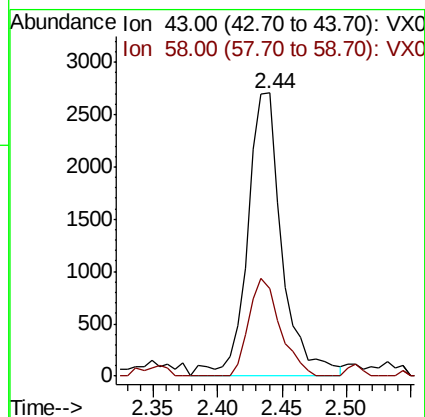
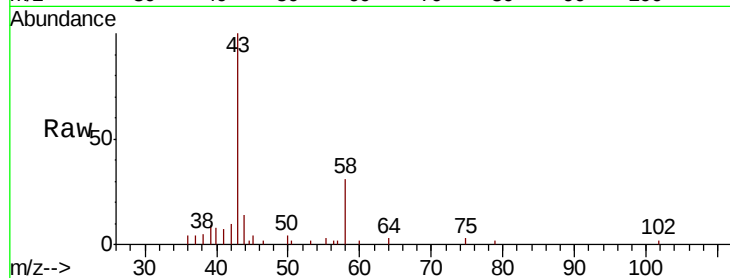
TP-22

Tgt Ion: 43 Resp: 4988

Ion Ratio Lower Upper

43 100

58 31.1 27.4 41.0



#18

Methyl Acetate

Concen: 0.571 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011452.D

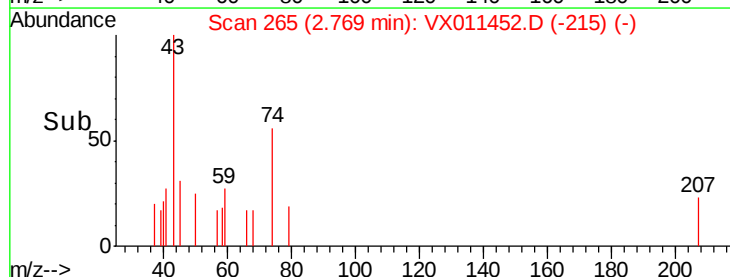
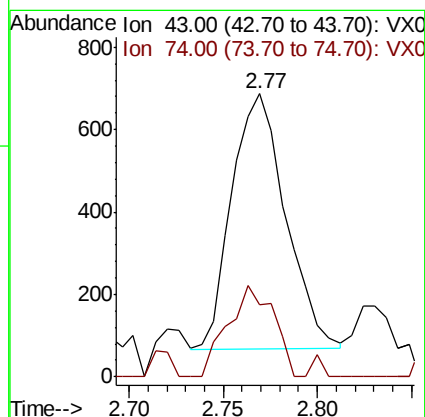
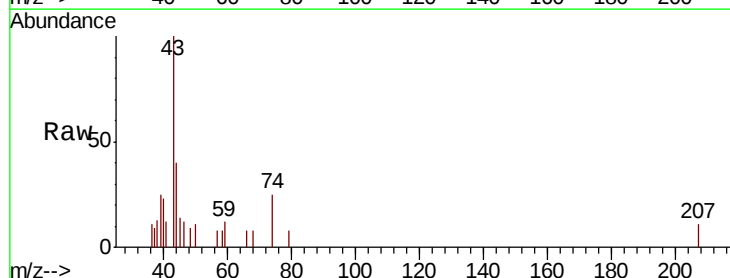
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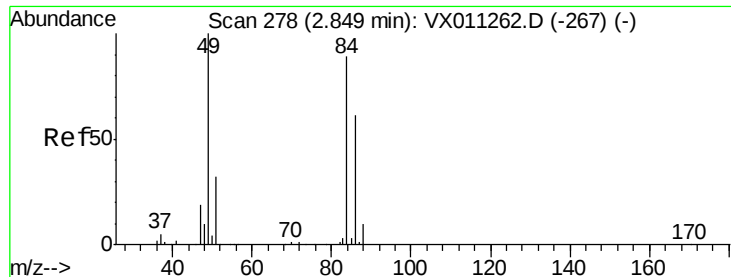
Tgt Ion: 43 Resp: 1233

Ion Ratio Lower Upper

43 100

74 30.2 21.0 31.6

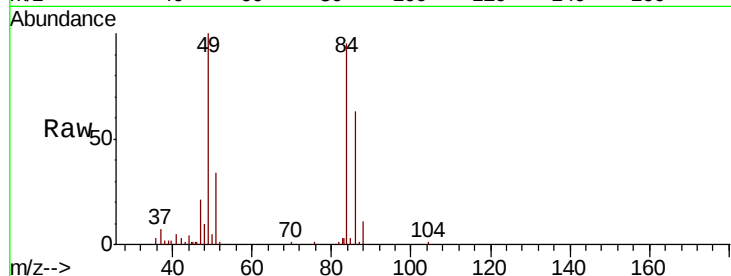




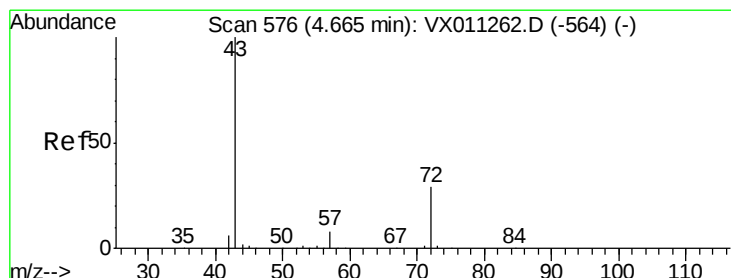
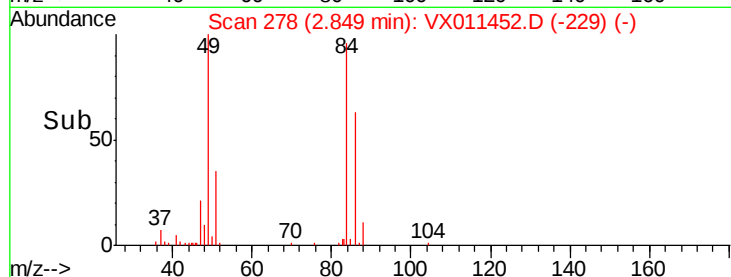
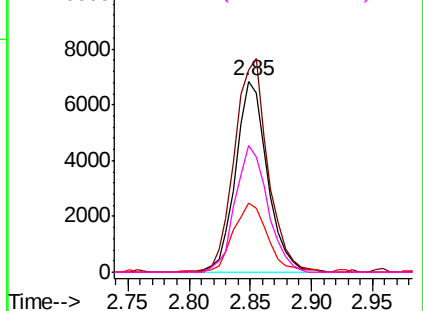
#20
Methylene Chloride
Concen: 5.970 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
TP-22

Tgt Ion:	84	Resp:	12352
Ion	Ratio	Lower	Upper
84	100		
49	105.5	89.3	133.9
51	35.3	28.3	42.5
86	66.4	54.5	81.7

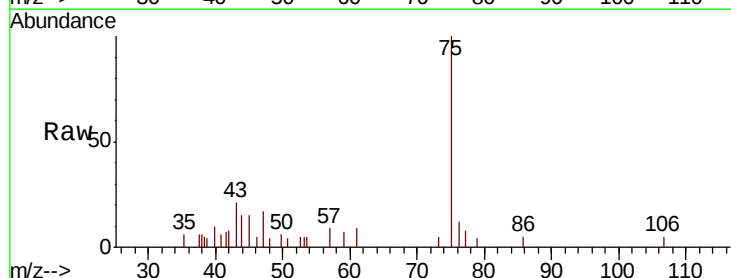


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

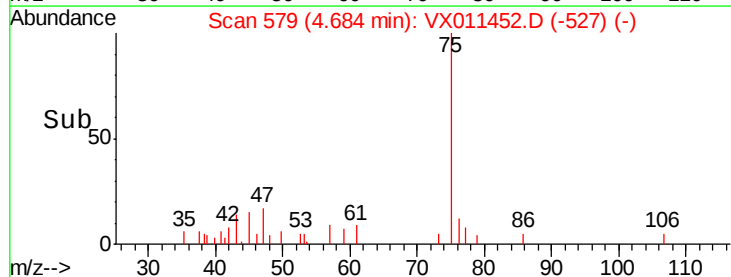
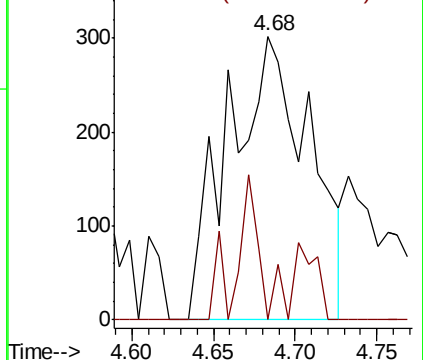


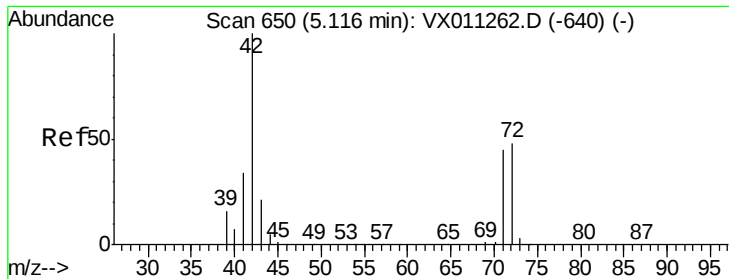
#25
2-Butanone
Concen: 0.781 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

Tgt Ion:	43	Resp:	1050
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#



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

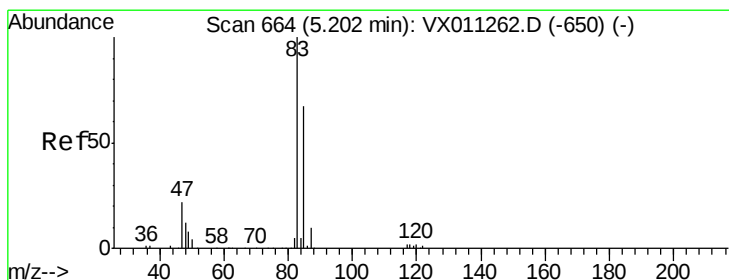
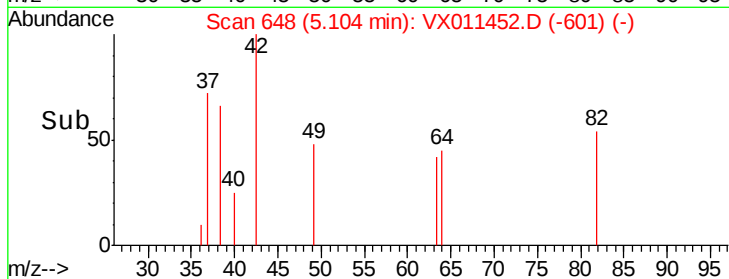
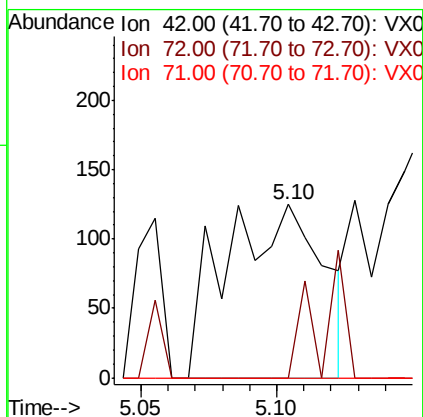
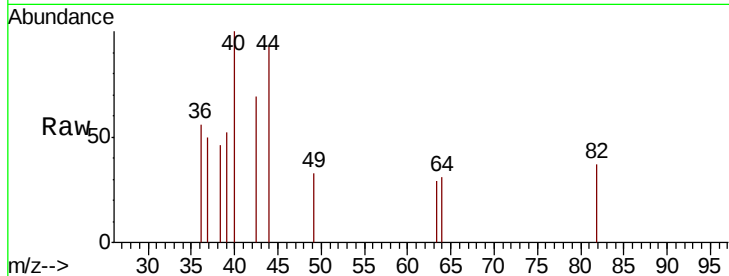




#29
Tetrahydrofuran
Concen: 0.379 ug/l
RT: 5.10 min Scan# 648
Delta R.T. -0.01 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

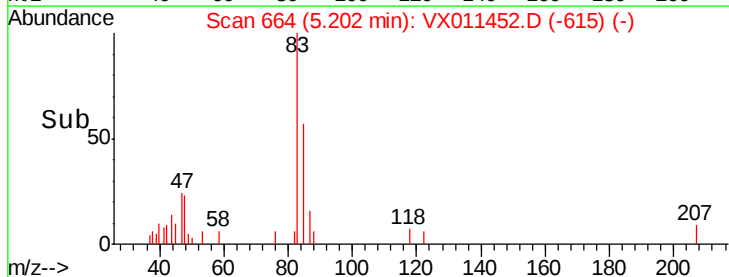
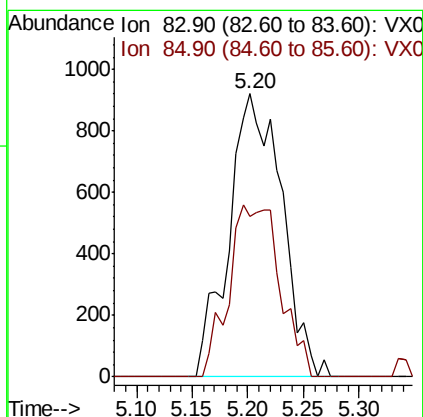
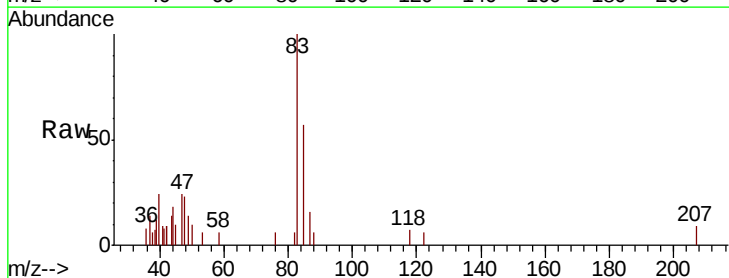
Instrument :
MSVOA_X
ClientSampled :
TP-22

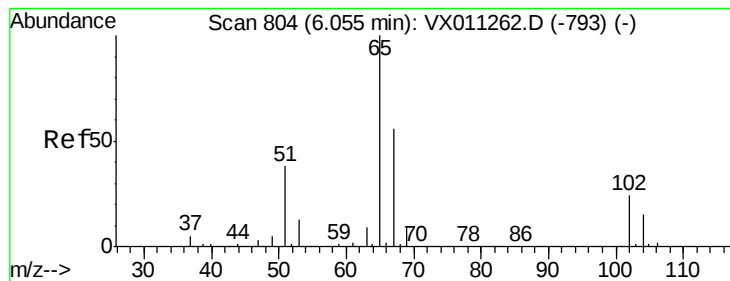
Tgt Ion: 42 Resp: 312
Ion Ratio Lower Upper
42 100
72 8.3 39.9 59.9#
71 0.0 36.9 55.3#



#30
Chloroform
Concen: 0.902 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

Tgt Ion: 83 Resp: 3036
Ion Ratio Lower Upper
83 100
85 56.6 53.4 80.0





#33

1,2-Dichloroethane-d4

Concen: 53.214 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

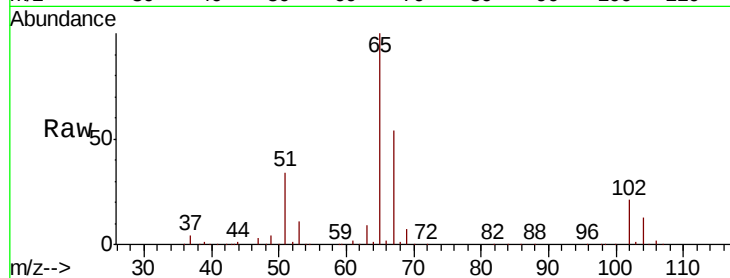
TP-22

Tgt Ion: 65 Resp: 105625

Ion Ratio Lower Upper

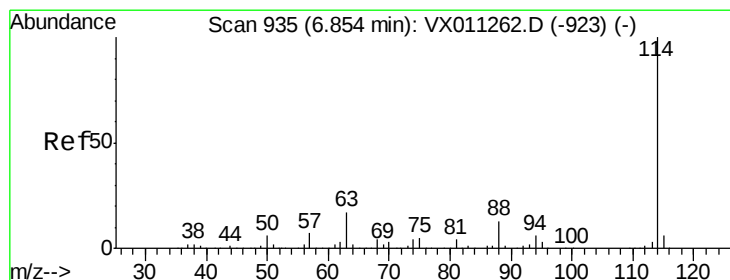
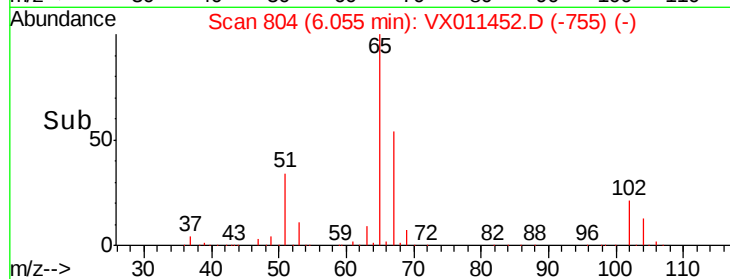
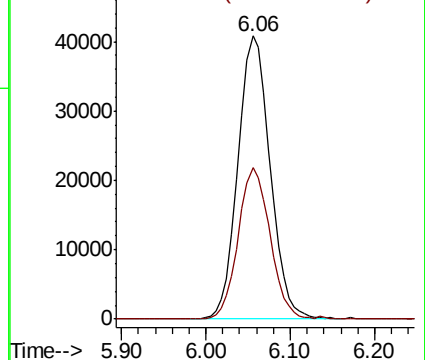
65 100

67 52.7 0.0 110.6



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# 935

Delta R.T. 0.00 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

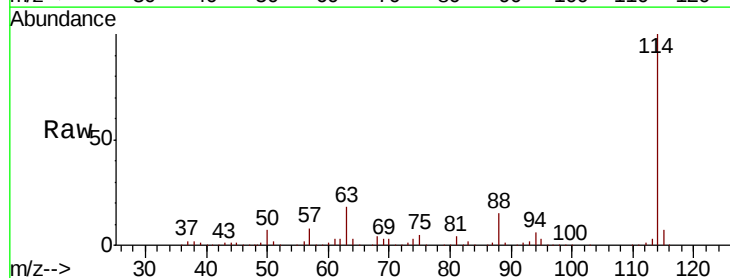
Tgt Ion: 114 Resp: 295425

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

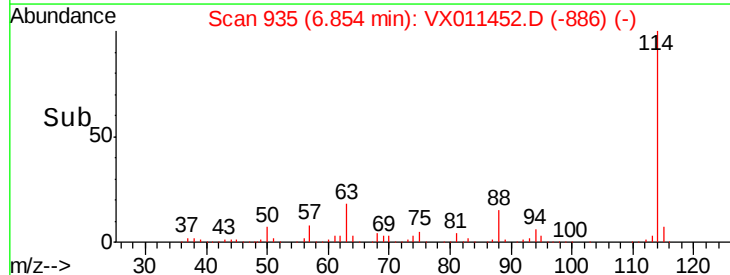
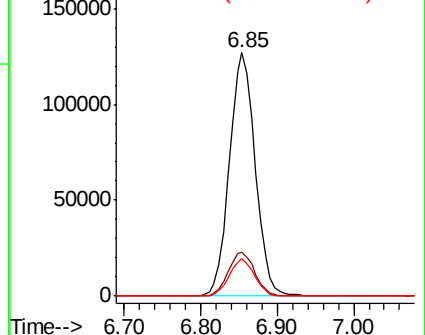
88 15.3 0.0 26.4

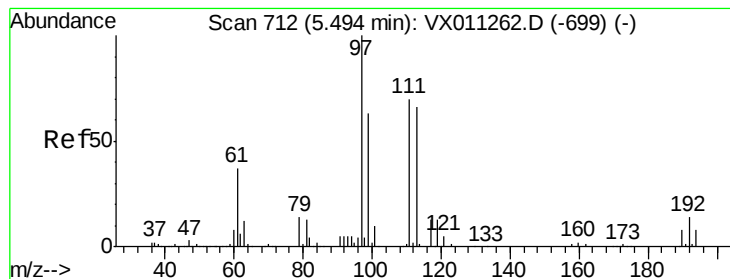


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.732 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

TP-22

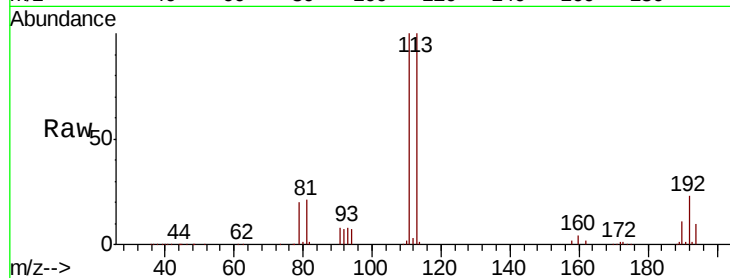
Tgt Ion:113 Resp: 90135

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

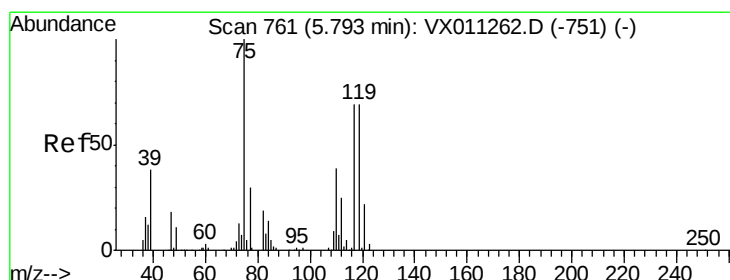
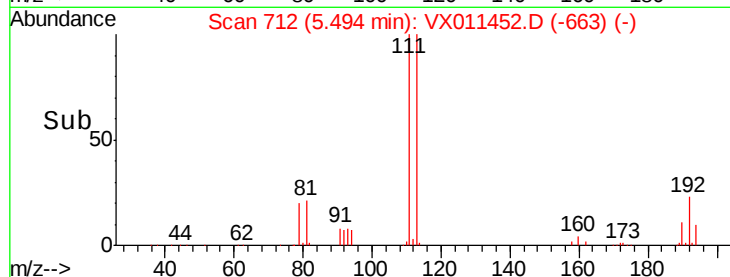
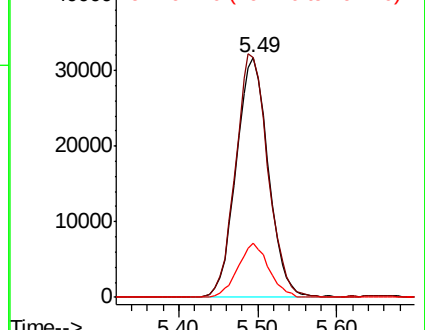
192 21.8 17.8 26.8



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: 5.333 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

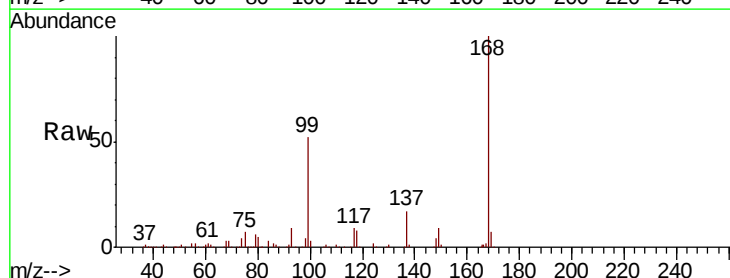
Tgt Ion: 75 Resp: 13755

Ion Ratio Lower Upper

75 100

110 11.1 20.0 59.9#

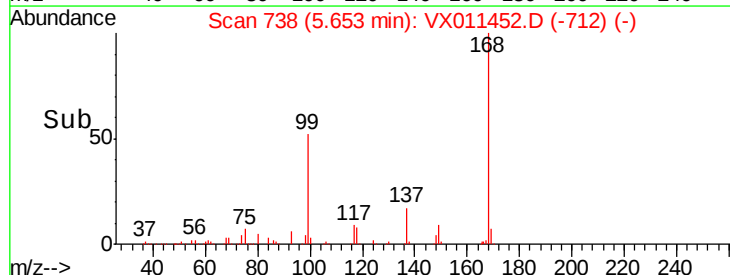
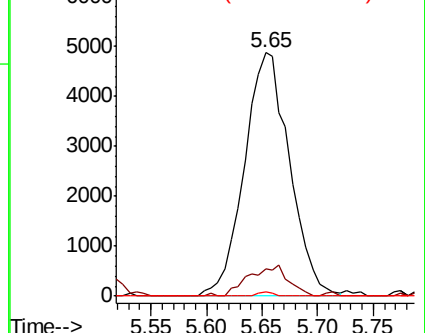
77 0.6 24.8 37.2#

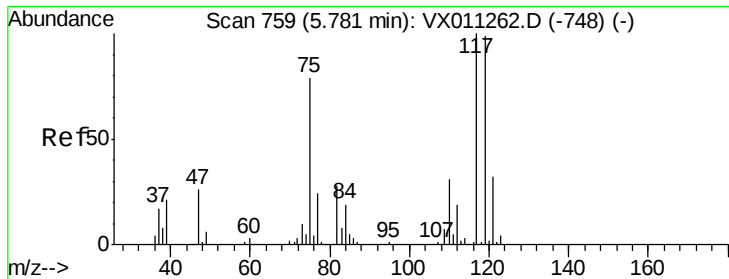


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.422 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

TP-22

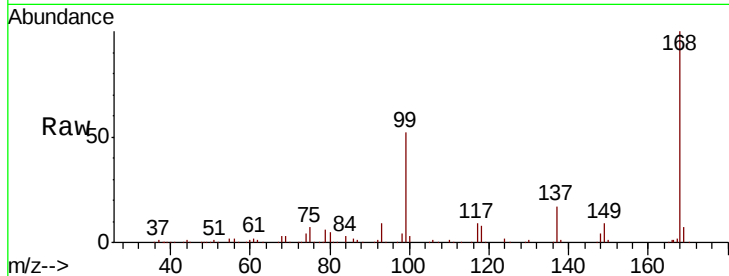
Tgt Ion:117 Resp: 19261

Ion Ratio Lower Upper

117 100

119 4.8 79.0 118.4#

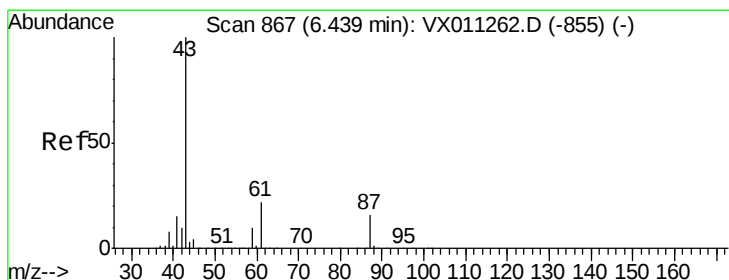
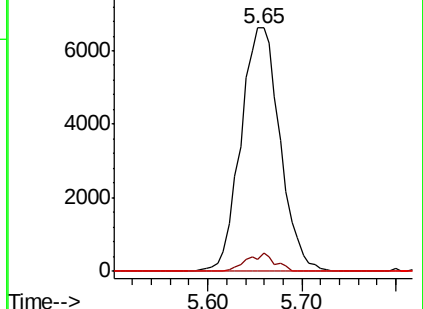
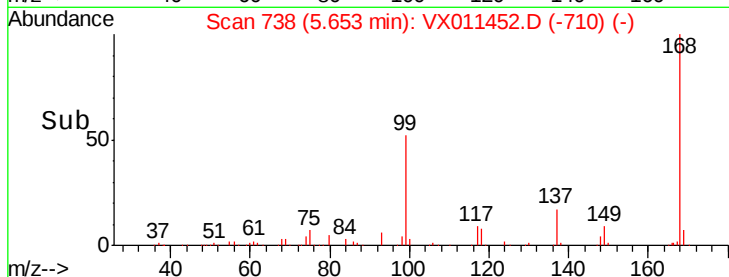
121 0.0 25.9 38.9#



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: 1.947 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

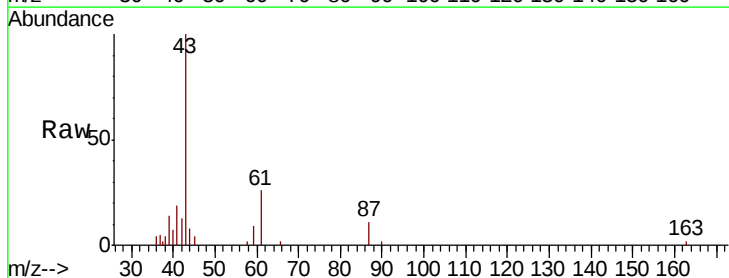
Tgt Ion: 43 Resp: 8052

Ion Ratio Lower Upper

43 100

61 22.8 16.5 24.7

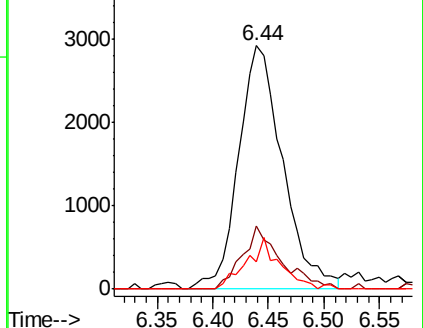
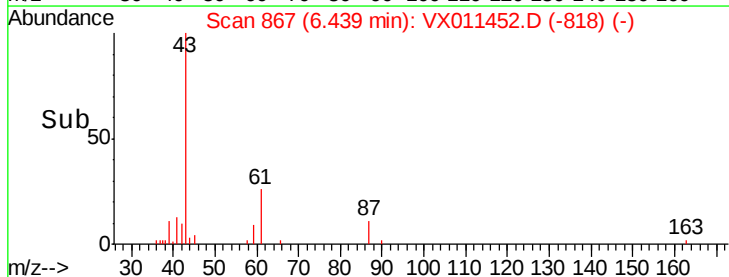
87 15.7 12.1 18.1

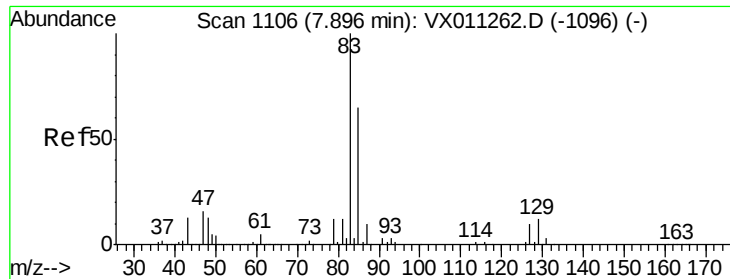


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.275 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

TP-22

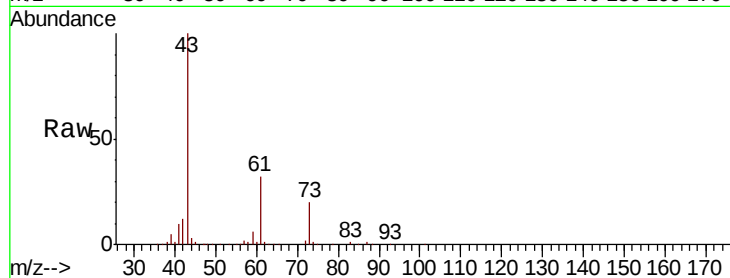
Tgt Ion: 83 Resp: 677

Ion Ratio Lower Upper

83 100

85 53.2 52.2 78.2

127 0.0 7.8 11.8#

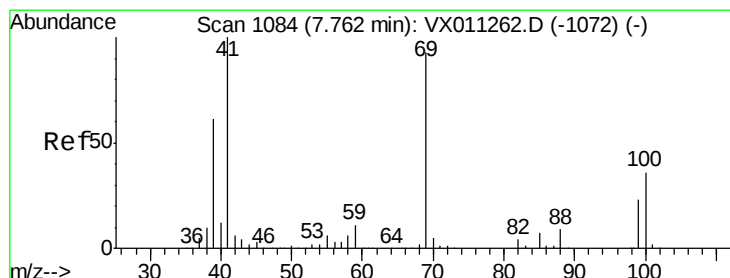
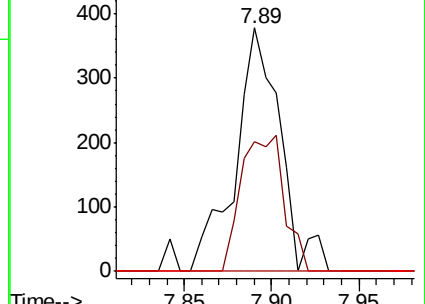
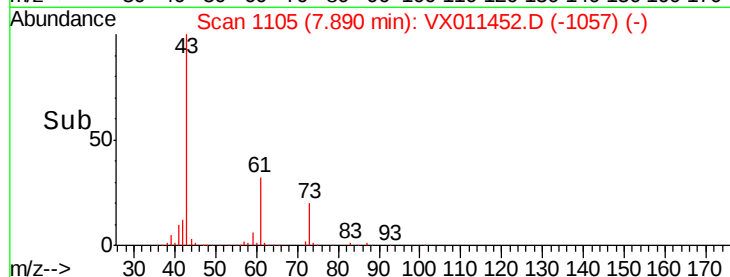


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

Time-->



#48

Methyl methacrylate

Concen: 1.943 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

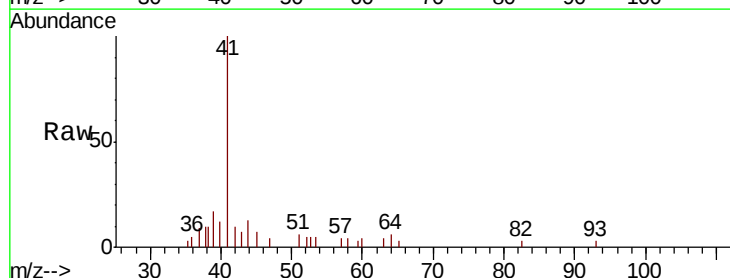
Tgt Ion: 41 Resp: 3782

Ion Ratio Lower Upper

41 100

69 0.0 74.5 111.7#

39 0.0 48.6 72.8#

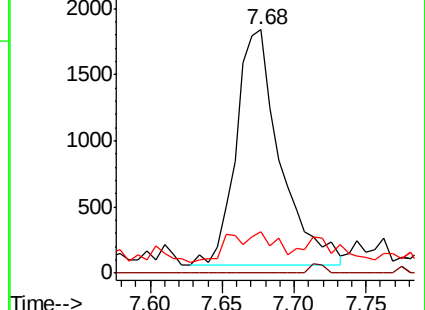
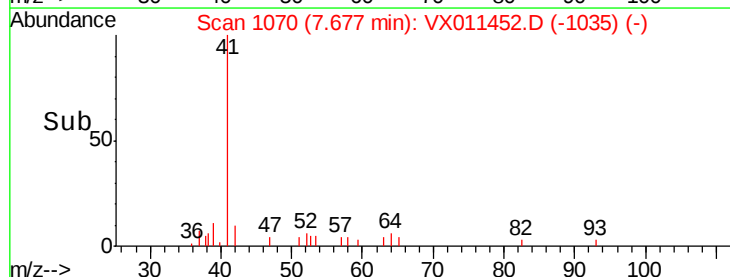


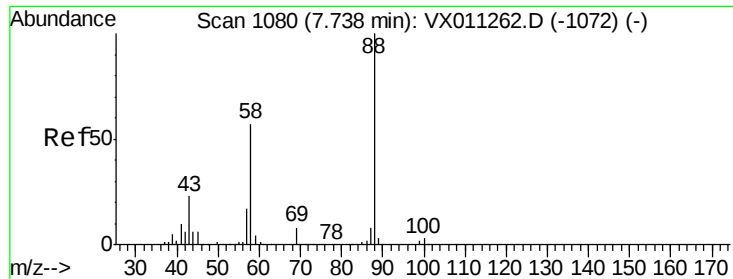
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

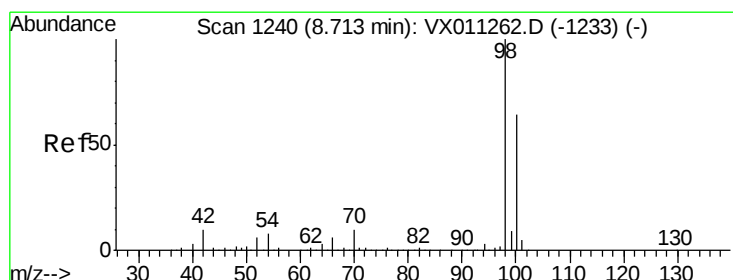
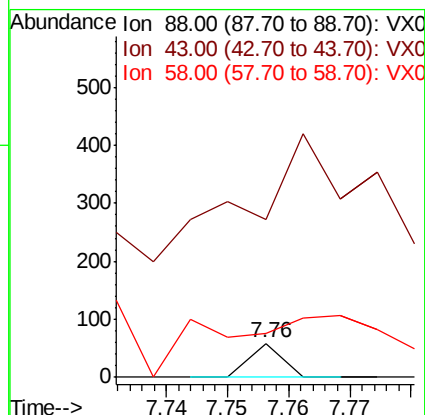
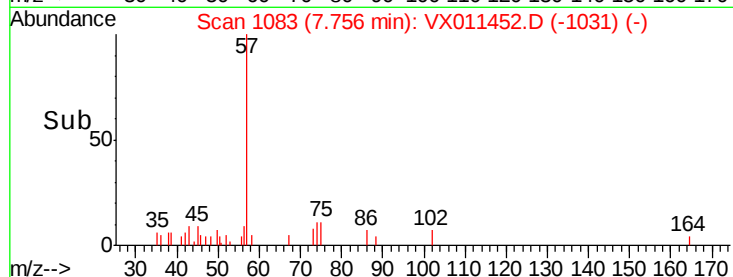
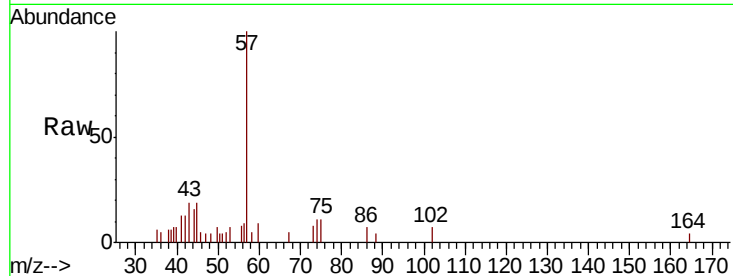




#49
1,4-Dioxane
Concen: 0.372 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

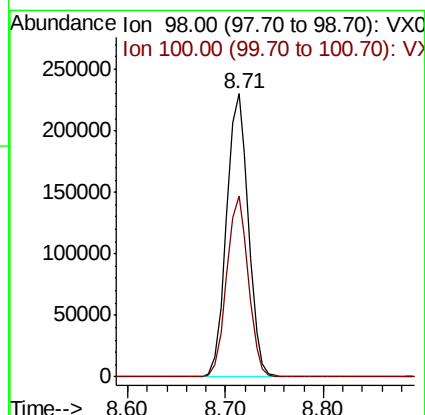
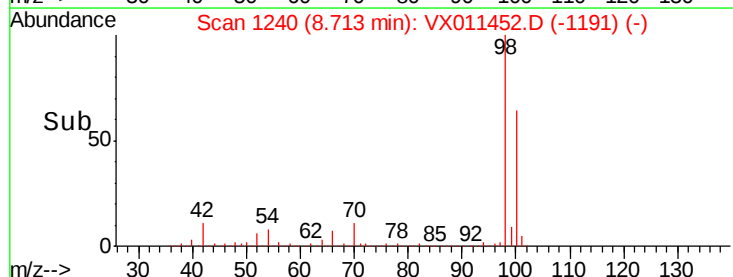
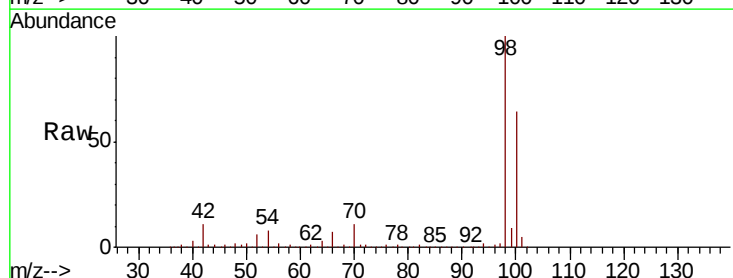
Instrument :
MSVOA_X
ClientSampled :
TP-22

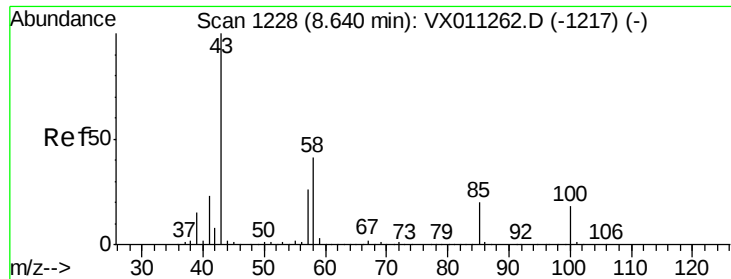
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.2#
58 1109.5 47.8 71.8#



#50
Toluene-d8
Concen: 48.930 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

Tgt Ion: 98 Resp: 356234
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 15.457 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

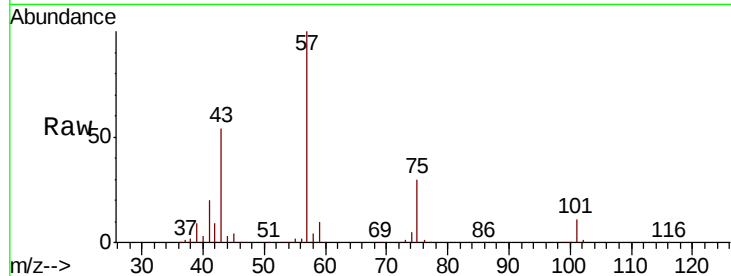
TP-22

Tgt Ion: 43 Resp: 41262

Ion Ratio Lower Upper

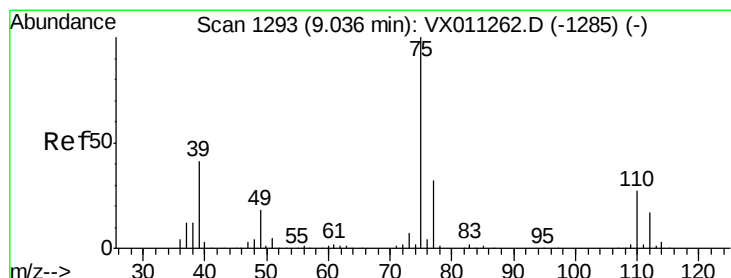
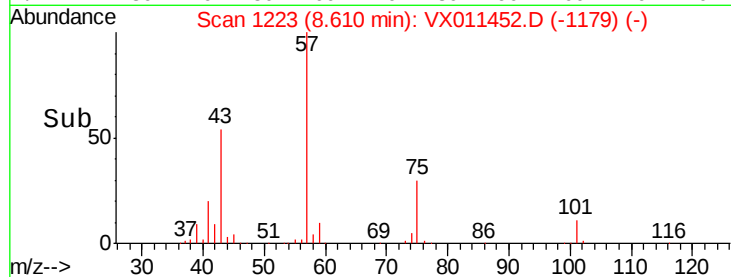
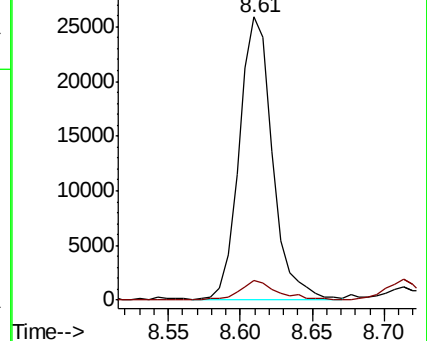
43 100

58 8.1 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.853 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011452.D

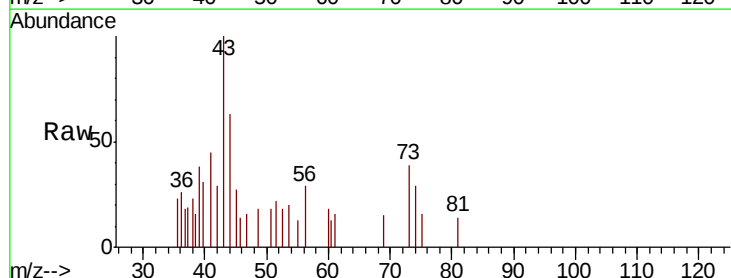
Acq: 12 Aug 2019 00:25

Tgt Ion: 75 Resp: 44

Ion Ratio Lower Upper

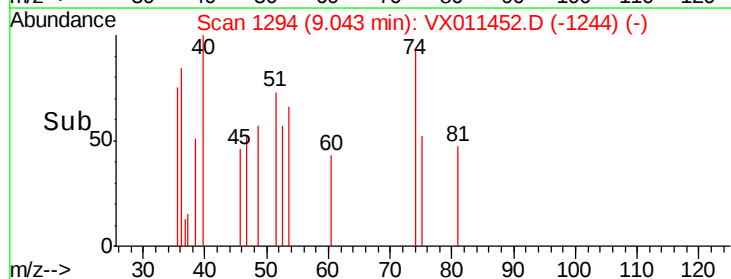
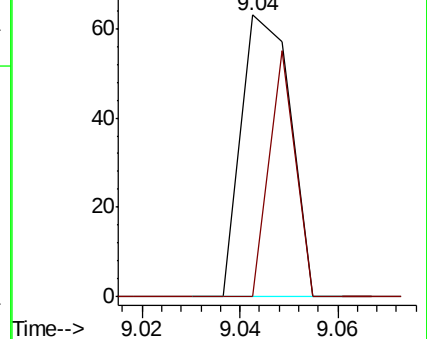
75 100

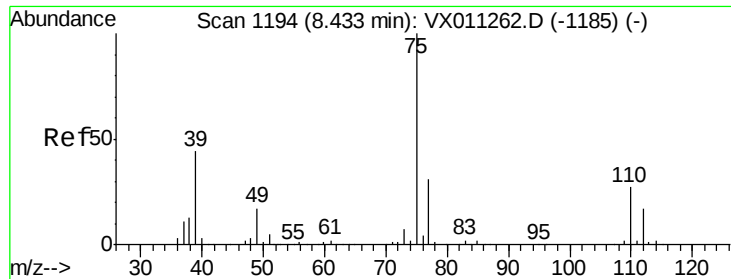
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



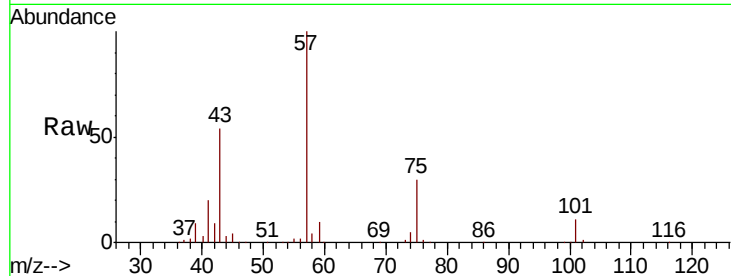


#54

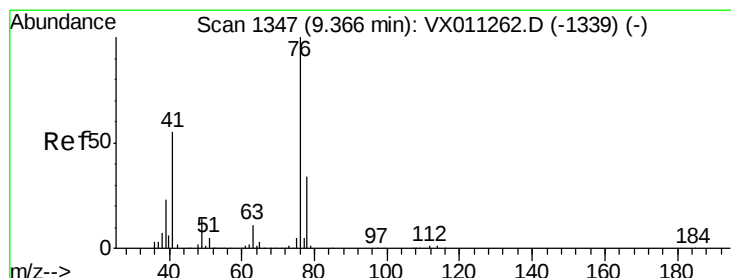
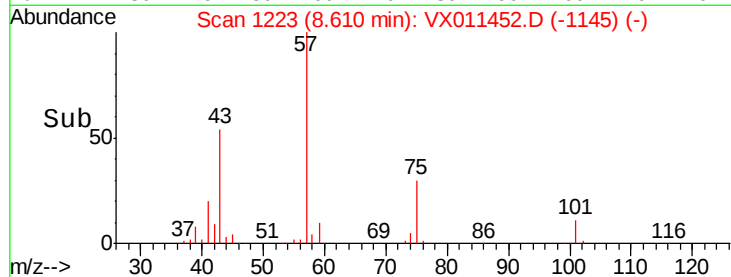
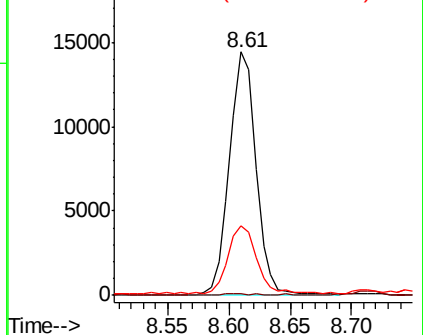
cis-1,3-Dichloropropene
 Concen: 7.551 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. 0.18 min
 Lab File: VX011452.D
 Acq: 12 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-22

Tgt Ion: 75 Resp: 21732
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.0 37.6#
 39 28.0 35.3 52.9#



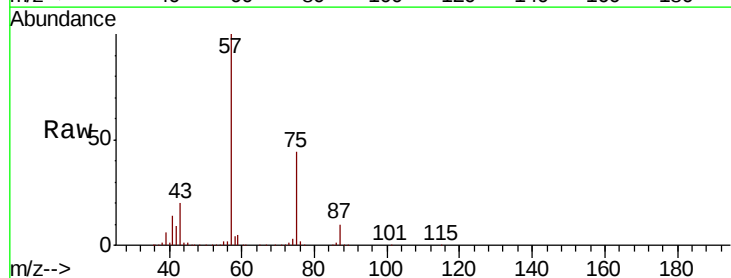
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



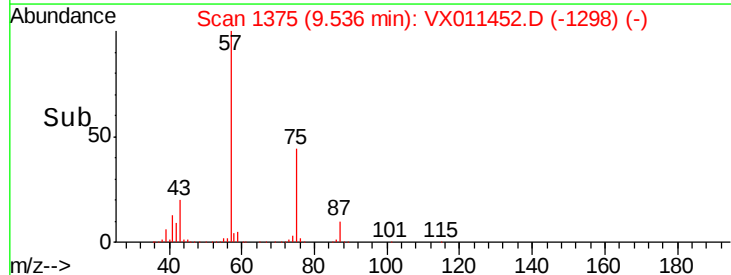
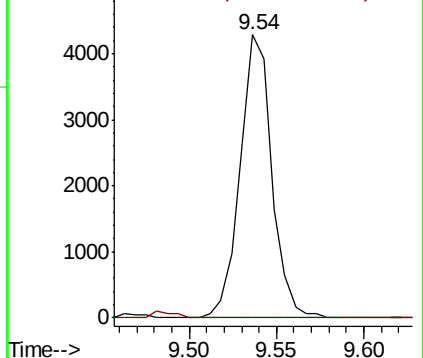
#57

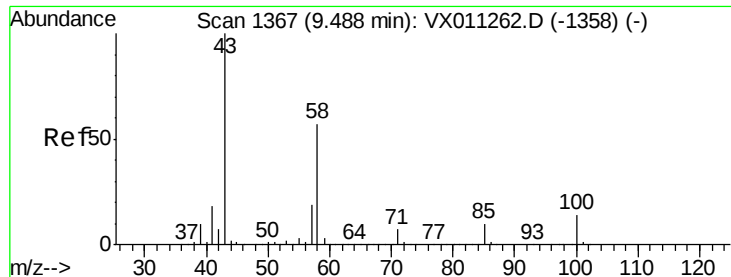
1,3-Dichloropropane
 Concen: 1.626 ug/l
 RT: 9.54 min Scan# 1375
 Delta R.T. 0.17 min
 Lab File: VX011452.D
 Acq: 12 Aug 2019 00:25

Tgt Ion: 76 Resp: 5381
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0

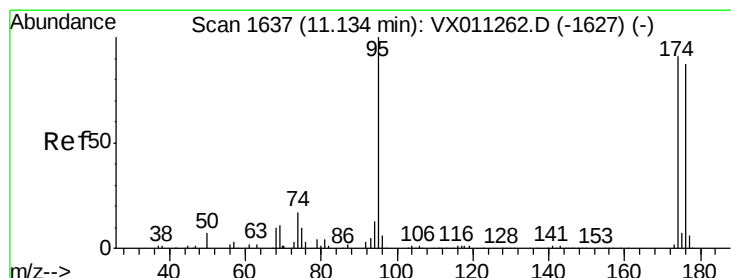
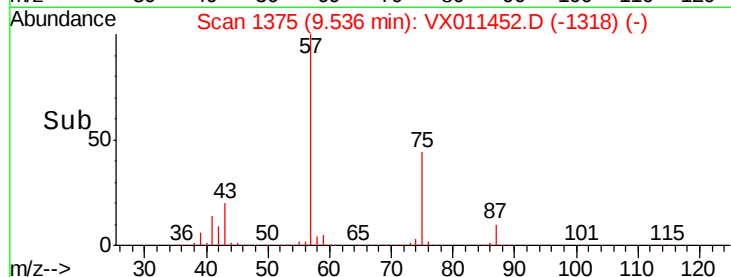
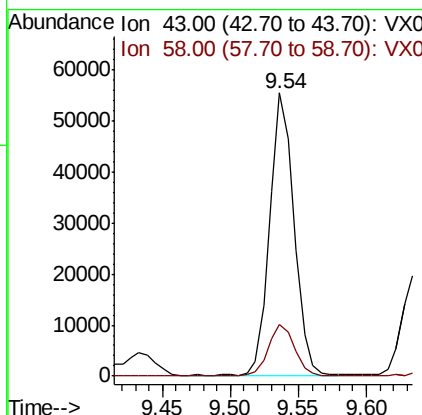
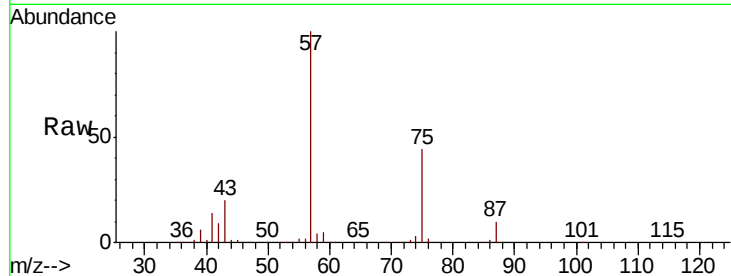




#59
2-Hexanone
Concen: 33.758 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

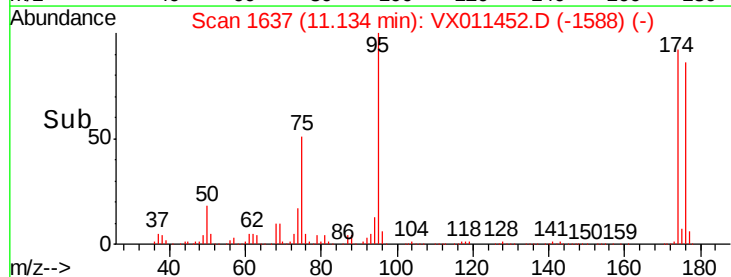
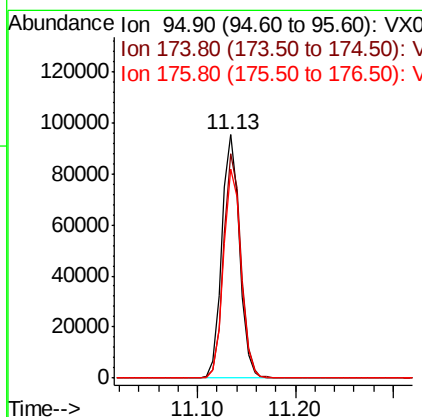
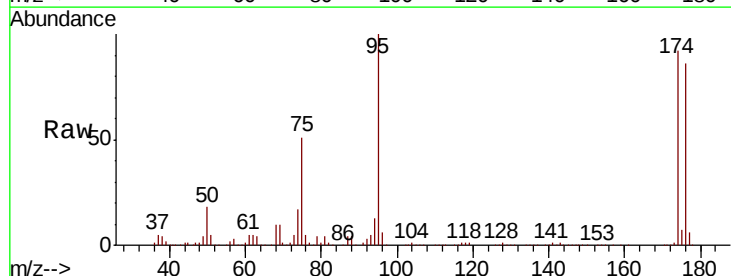
Instrument :
MSVOA_X
ClientSampleId :
TP-22

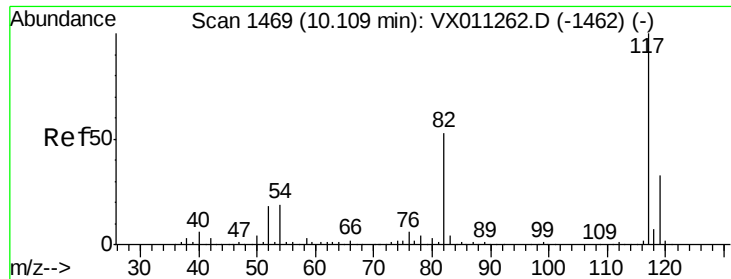
Tgt Ion: 43 Resp: 69801
Ion Ratio Lower Upper
43 100
58 20.1 28.2 84.6#



#62
4-Bromofluorobenzene
Concen: 45.914 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

Tgt Ion: 95 Resp: 119346
Ion Ratio Lower Upper
95 100
174 90.7 0.0 191.2
176 85.8 0.0 184.8

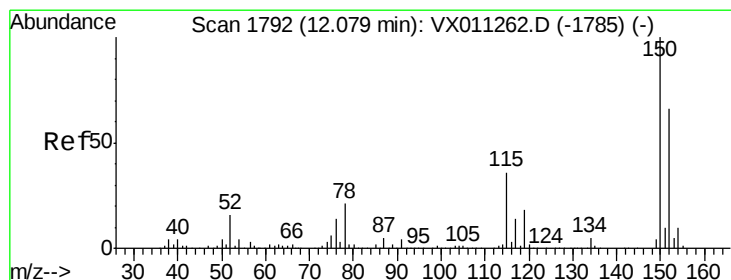
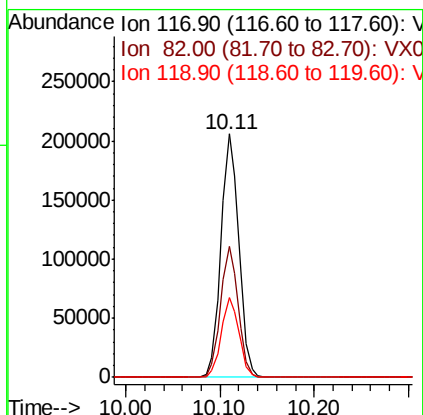
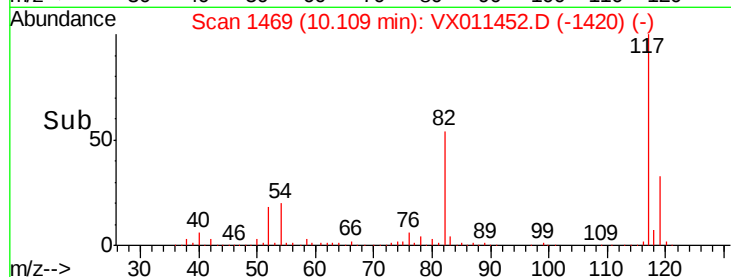
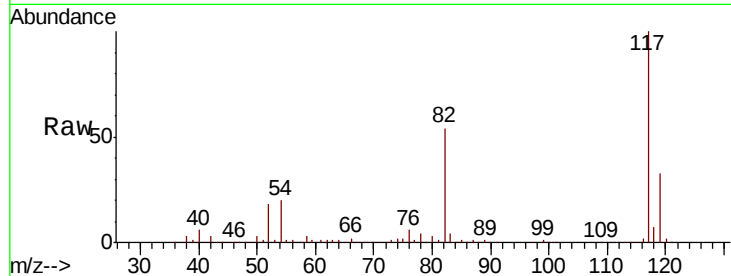




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

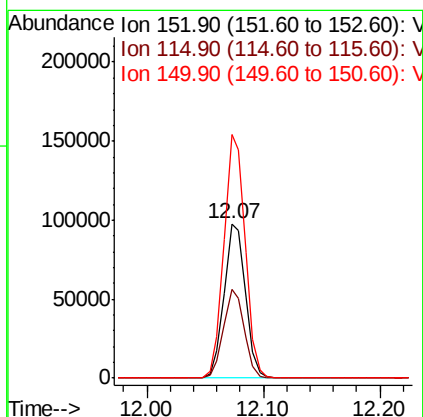
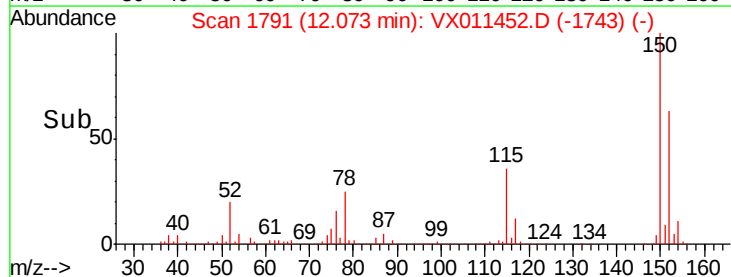
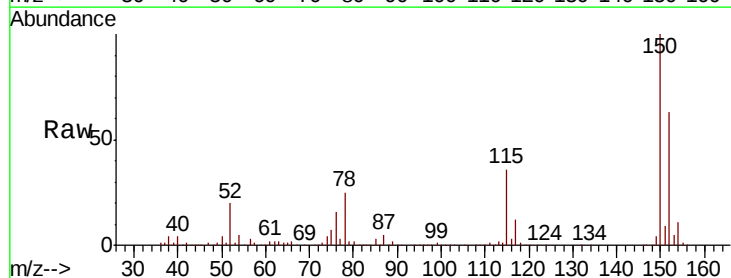
Instrument :
MSVOA_X
ClientSampled :
TP-22

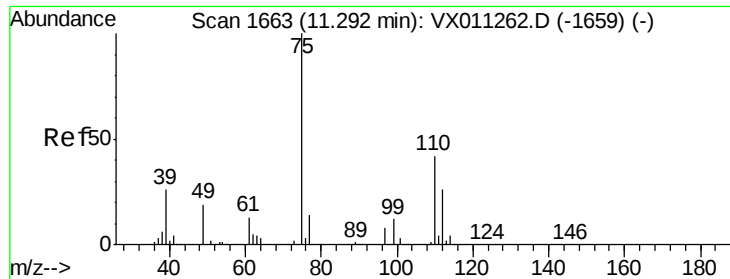
Tgt Ion:117 Resp: 271263
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011452.D
Acq: 12 Aug 2019 00:25

Tgt Ion:152 Resp: 123510
Ion Ratio Lower Upper
152 100
115 56.3 40.0 119.9
150 157.3 0.0 350.4

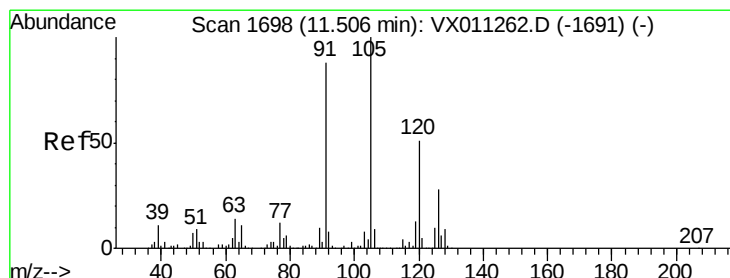
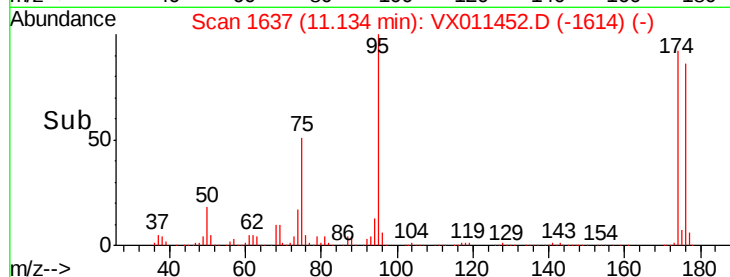
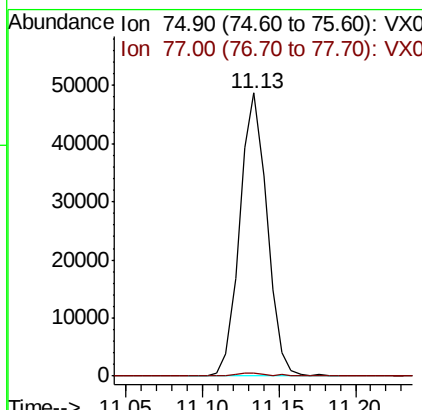
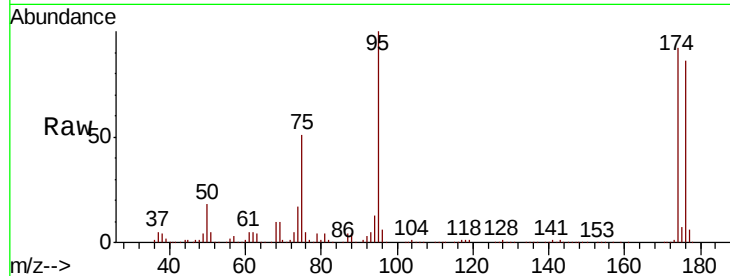




#76
 1,2,3-Trichloropropane
 Concen: 26.718 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011452.D
 Acq: 12 Aug 2019 00:25

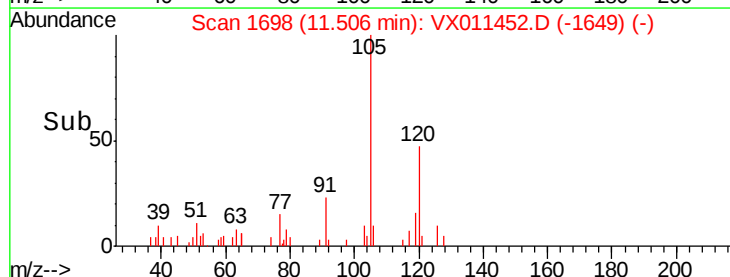
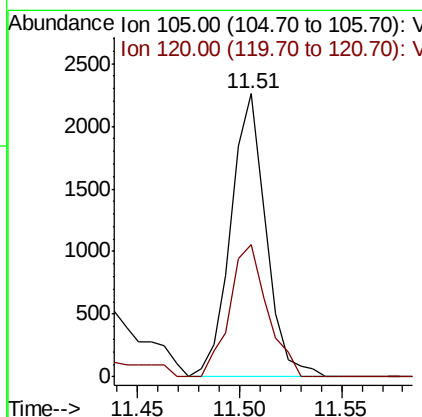
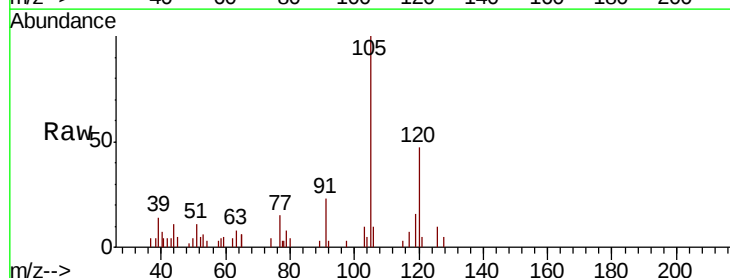
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-22

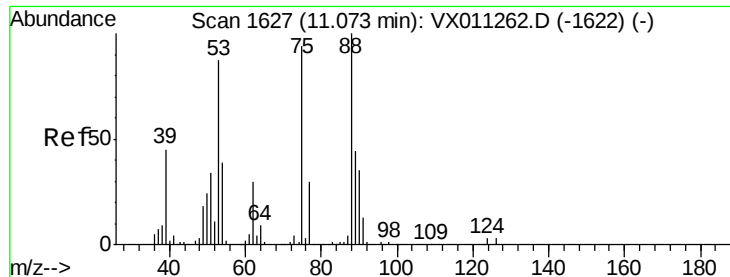
Tgt Ion: 75 Resp: 60096
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.1 63.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.380 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011452.D
 Acq: 12 Aug 2019 00:25

Tgt Ion: 105 Resp: 2687
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 69.412 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011452.D

Acq: 12 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

TP-22

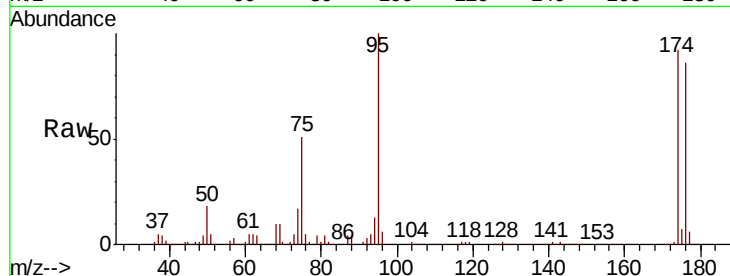
Tgt Ion: 75 Resp: 60096

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

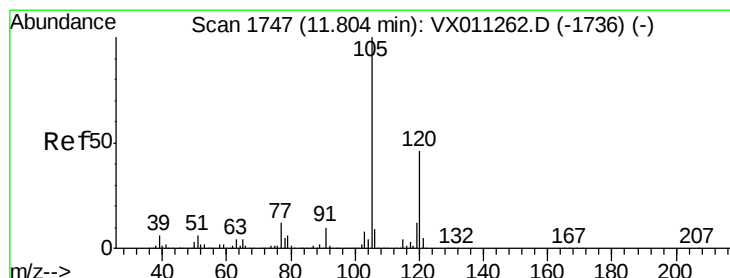
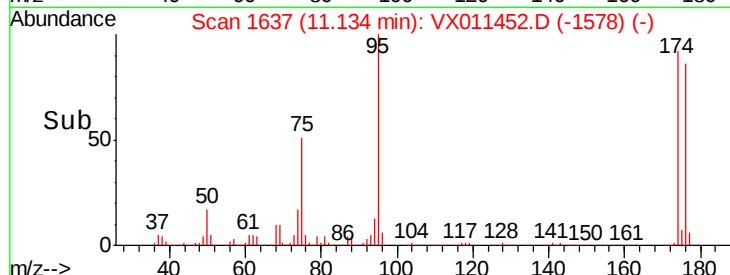
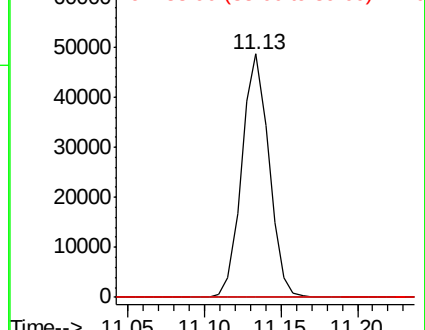
89 0.1 37.9 56.9#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.315 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011452.D

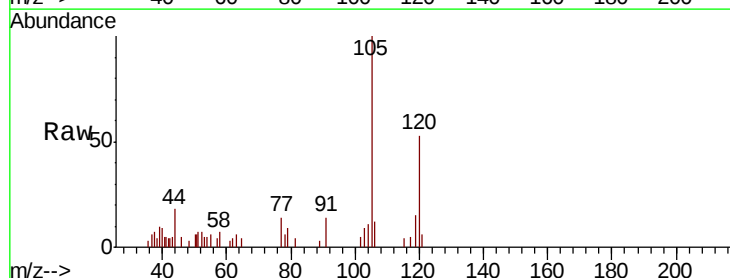
Acq: 12 Aug 2019 00:25

Tgt Ion: 105 Resp: 2216

Ion Ratio Lower Upper

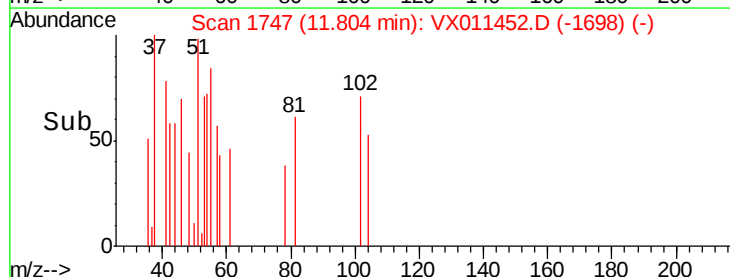
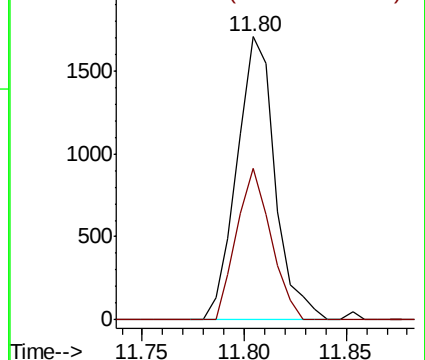
105 100

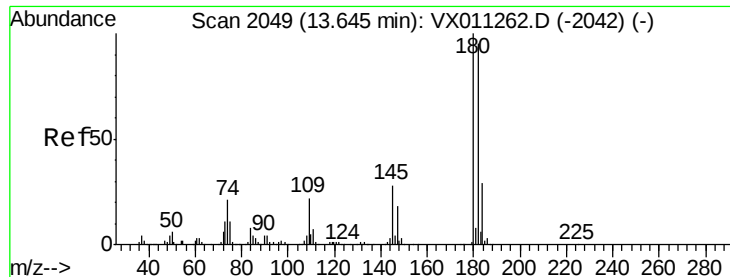
120 47.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

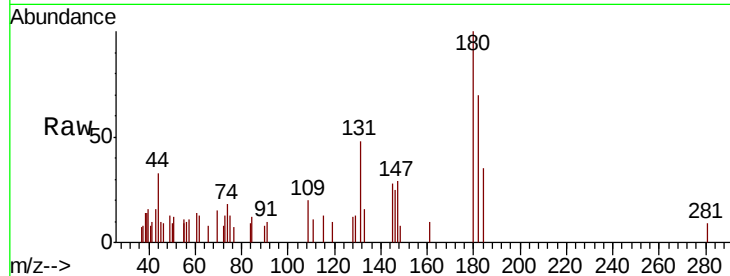




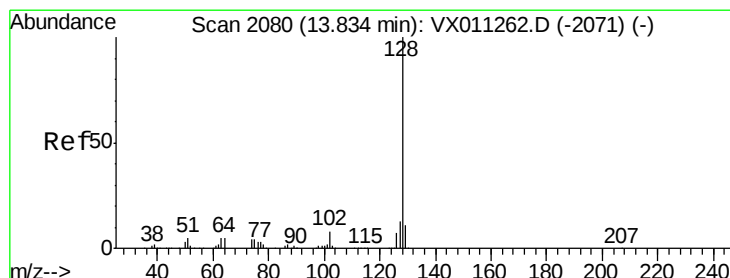
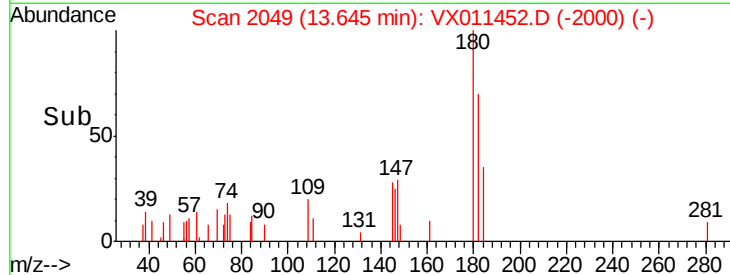
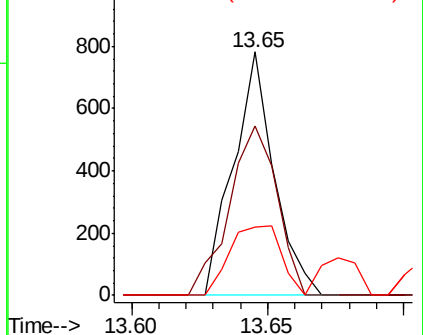
#93
 1,2,4-Trichlorobenzene
 Concen: 0.295 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011452.D
 Acq: 12 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampled :
 TP-22

Tgt Ion:180 Resp: 813
 Ion Ratio Lower Upper
 180 100
 182 81.7 47.8 143.4
 145 36.0 14.8 44.3

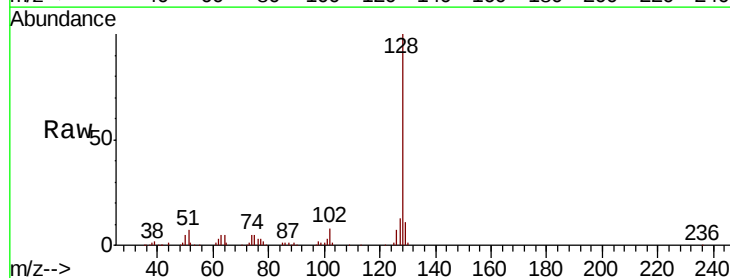


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 5.540 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX011452.D
 Acq: 12 Aug 2019 00:25

Tgt Ion:128 Resp: 44676
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 10.7 8.9 13.3



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

