

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005422.D
 Acq On : 18 Oct 2018 11:43
 Operator : JC/MD
 Sample : J5539-05
 Misc : 11.46µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-6-8FTME

Quant Time: Oct 19 03:30:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	269519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	147832	49.42	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.51	113	116814	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
50) Toluene-d8	8.71	98	477691	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
62) 4-Bromofluorobenzene	11.14	95	181932	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	

Target Compounds

					Qvalue
5) Bromomethane	1.64	94	1562	1.468	ug/l 100
6) Chloroethane	1.69	64	132	0.400	ug/l # 59
10) Methyl Iodide	2.48	142	1329	2.972	ug/l # 94
11) Tert butyl alcohol	3.02	59	3631	4.303	ug/l # 72
13) Acrolein	2.32	56	308	Below Cal	89
14) Allyl chloride	2.81	41	1960	0.378	ug/l # 42
15) Acrylonitrile	3.14	53	458	0.240	ug/l # 32
16) Acetone	2.48	43	928	0.537	ug/l 90
17) Carbon Disulfide	2.53	76	2177	0.304	ug/l 96
18) Methyl Acetate	2.79	43	5566	1.131	ug/l # 74
20) Methylene Chloride	2.84	84	945	Below Cal	# 88
25) 2-Butanone	4.73	43	3383	1.337	ug/l 96
31) Cyclohexane	5.55	56	16895	4.109	ug/l # 83
38) Carbon Tetrachloride	5.66	117	23633	6.304	ug/l # 15
39) Methylcyclohexane	7.45	83	119533	29.600	ug/l 92
44) Trichloroethene	7.21	130	219	Below Cal	82
45) 1,2-Dichloropropane	7.45	63	1604	0.584	ug/l # 1
47) Bromodichloromethane	7.85	83	1006	0.300	ug/l # 55
48) Methyl methacrylate	7.73	41	5963	1.799	ug/l # 59
51) 4-Methyl-2-Pentanone	8.66	43	16531	3.735	ug/l # 41
55) 1,1,2-Trichloroethane	9.16	97	53226	20.521	ug/l # 20
56) Ethyl methacrylate	9.16	69	12218	3.231	ug/l # 1
59) 2-Hexanone	9.44	43	32814	9.217	ug/l # 27
67) Ethyl Benzene	10.26	91	19041	1.509	ug/l 96
69) o-Xylene	10.70	106	1040	0.220	ug/l 96
73) Isopropylbenzene	11.02	105	144021	12.386	ug/l 100
74) N-amyl acetate	10.91	43	64071	11.425	ug/l # 1
75) 1,1,2,2-Tetrachloroethane	11.27	83	57083	13.014	ug/l # 34
76) 1,2,3-Trichloropropane	11.14	75	85270	22.475	ug/l # 38
78) n-propylbenzene	11.36	91	371306	27.750	ug/l 98
79) 2-Chlorotoluene	11.36	91	371306	45.311	ug/l # 39
81) trans-1,4-Dichloro-2-buten	11.14	75	85270	68.290	ug/l # 12
82) 4-Chlorotoluene	11.36	91	371306	38.224	ug/l # 44
83) tert-Butylbenzene	11.77	119	13047	1.294	ug/l 73

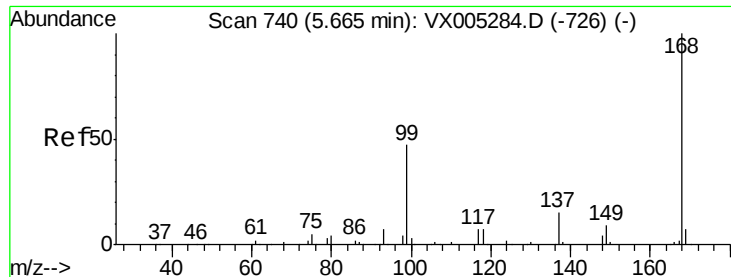
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005422.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.95	105	254767	24.863	ug/l #	30
85) sec-Butylbenzene	11.95	105	254767	21.350	ug/l	83
86) p-Isopropyltoluene	12.07	119	48678	4.513	ug/l	98
89) n-Butylbenzene	12.39	91	273990	27.979	ug/l #	81
90) Hexachloroethane	12.67	117	130966	70.460	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	9157	8.558	ug/l #	1
94) Hexachlorobutadiene	13.78	225	680	0.277	ug/l	93
95) Naphthalene	13.83	128	1416192	104.988	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.03	180	7404	1.556	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

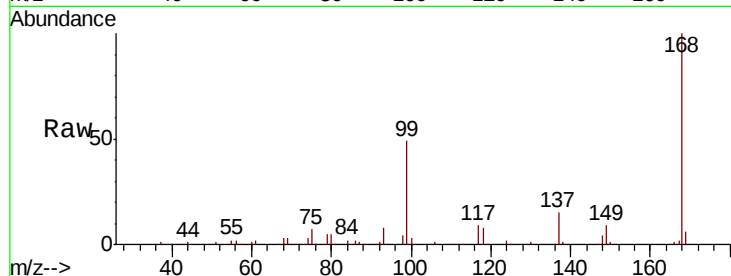
SB-1-6-8FTME

Tot Ion:168 Resp: 269519

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

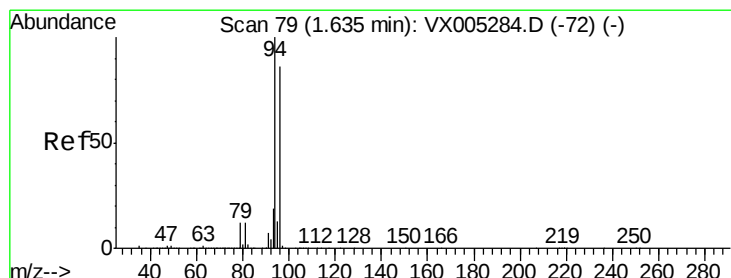
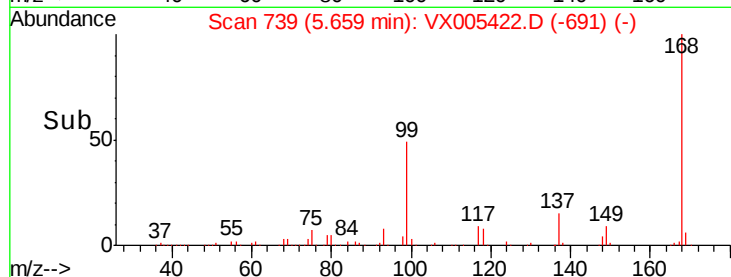
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 1.468 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005422.D

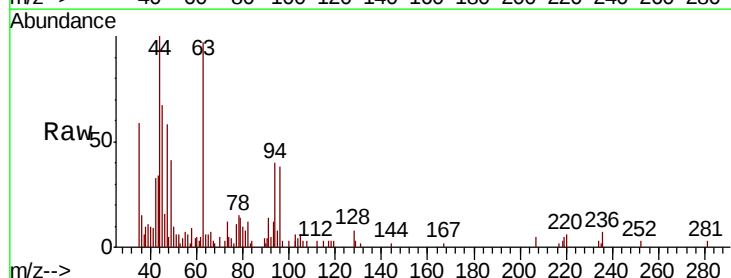
Acq: 18 Oct 2018 11:43

Tgt Ion: 94 Resp: 1562

Ion Ratio Lower Upper

94 100

96 93.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1000

800

600

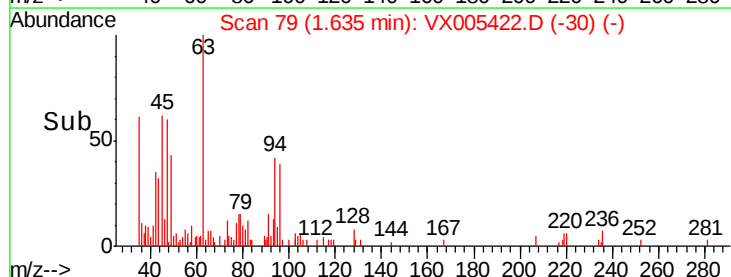
400

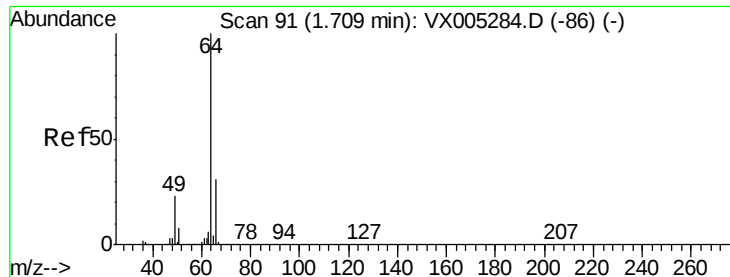
200

0

Time-->

1.55 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.400 ug/l

RT: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

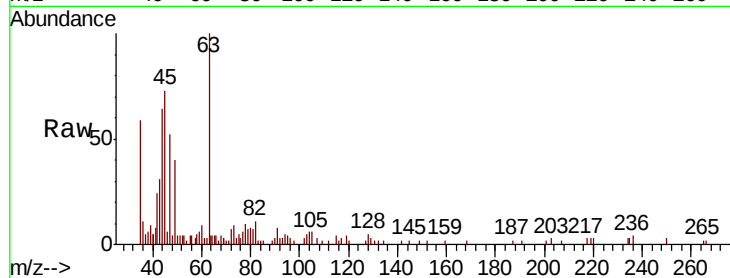
SB-1-6-8FTME

Tot Ion: 64 Resp: 132

Ion Ratio Lower Upper

64 100

66 8.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

250

200

150

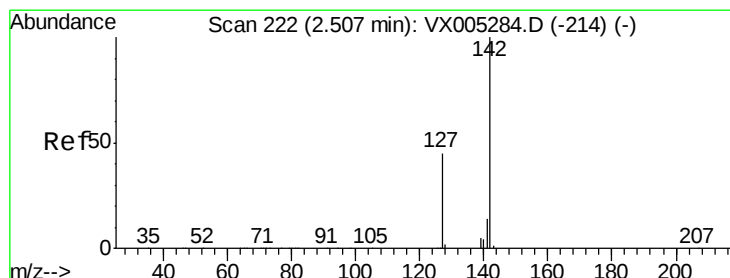
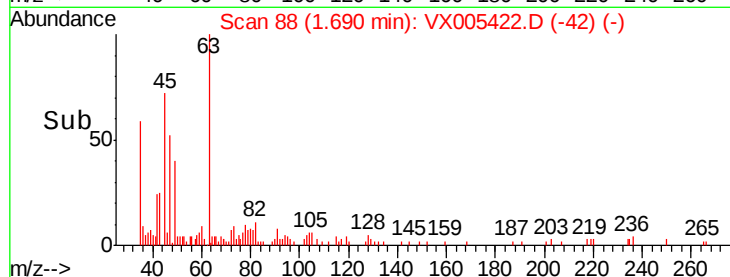
100

50

0

1.66 1.68 1.70 1.72

Time-->



#10

Methyl Iodide

Concen: 2.972 ug/l

RT: 2.48 min Scan# 218

Delta R.T. -0.02 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

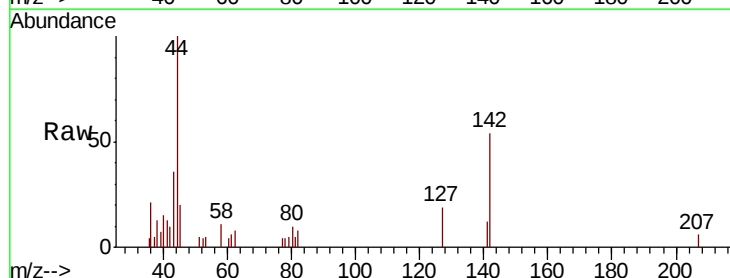
Tgt Ion: 142 Resp: 1329

Ion Ratio Lower Upper

142 100

127 43.6 33.8 50.6

141 21.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

1000

800

600

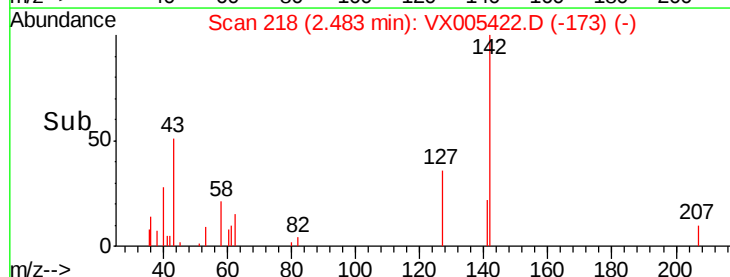
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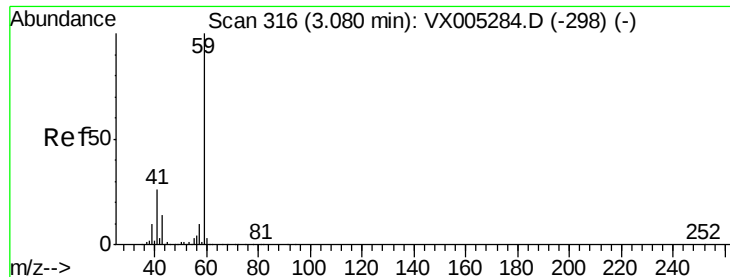
200

0

2.45 2.50 2.55

Time-->



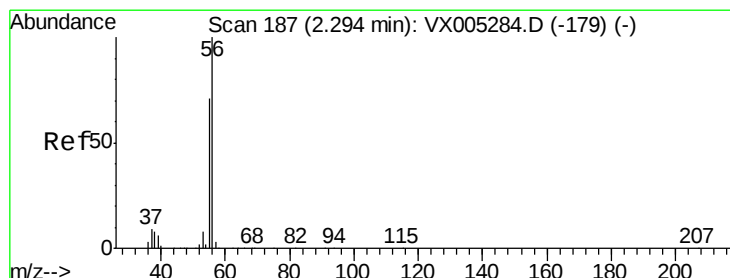
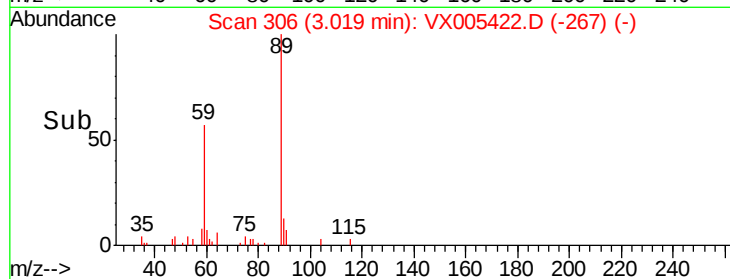
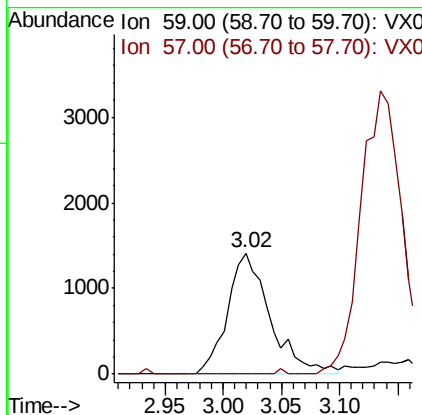
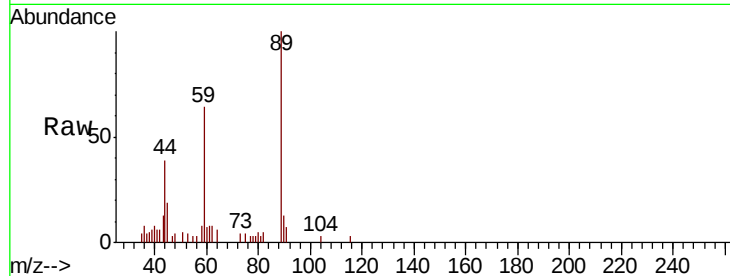


#11

Tert butyl alcohol
 Concen: 4.303 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX005422.D
 Acq: 18 Oct 2018 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-6-8FTME

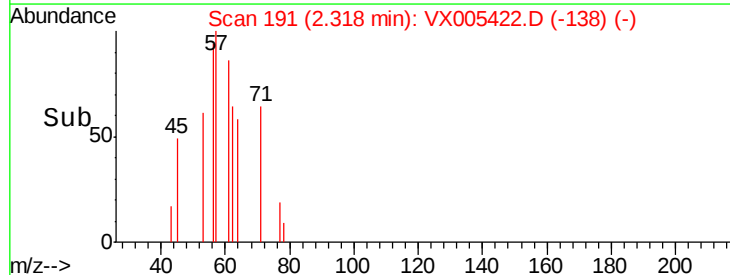
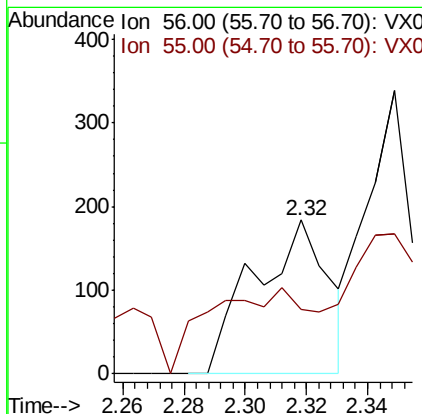
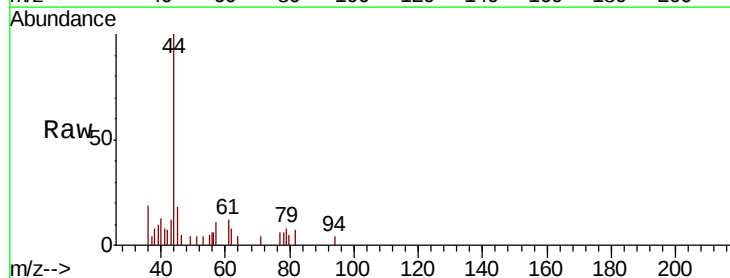
Tot Ion: 59 Resp: 3631
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

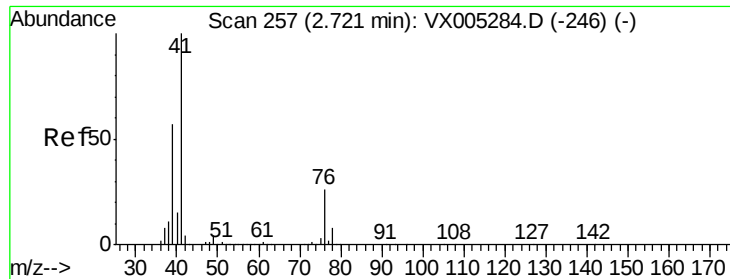


#13

Acrolein
 Concen: Below Cal
 RT: 2.32 min Scan# 191
 Delta R.T. 0.03 min
 Lab File: VX005422.D
 Acq: 18 Oct 2018 11:43

Tgt Ion: 56 Resp: 308
 Ion Ratio Lower Upper
 56 100
 55 76.9 54.7 82.1





#14

Allvl chloride

Concen: 0.378 ug/l

RT: 2.81 min Scan# 271

Delta R.T. 0.09 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

SB-1-6-8FTME

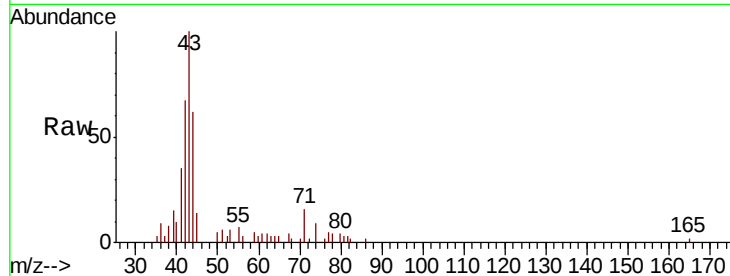
Tot Ion: 41 Resp: 1960

Ion Ratio Lower Upper

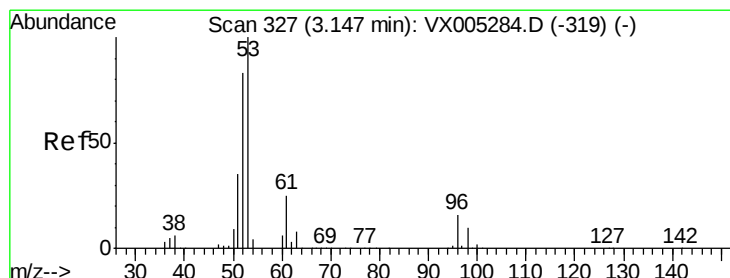
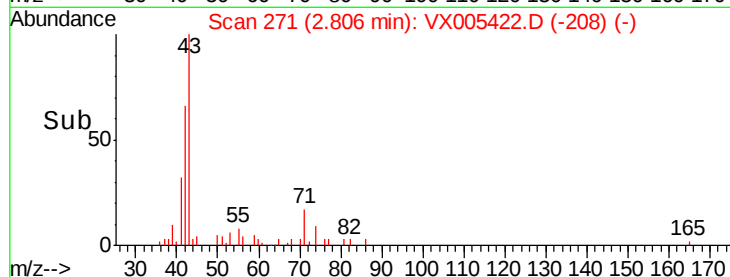
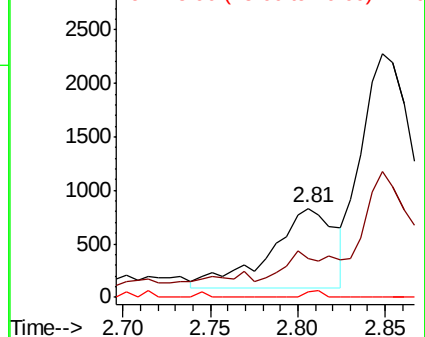
41 100

39 17.3 48.9 73.3#

76 0.0 26.7 40.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 0.240 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

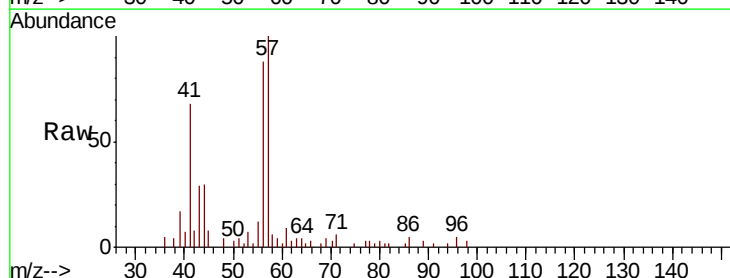
Tgt Ion: 53 Resp: 458

Ion Ratio Lower Upper

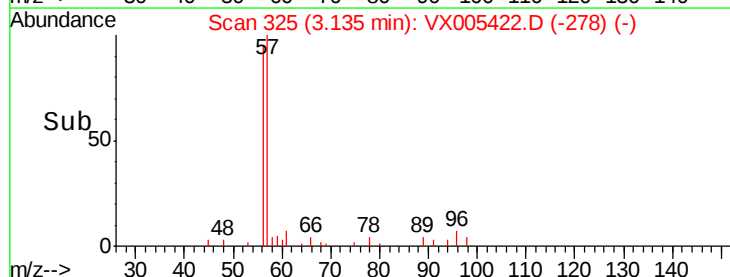
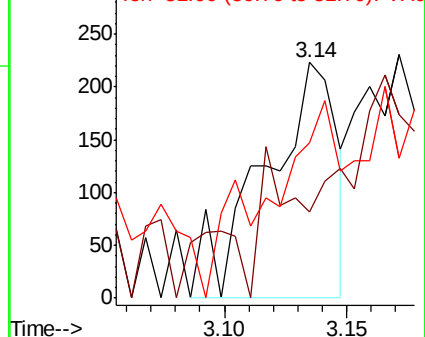
53 100

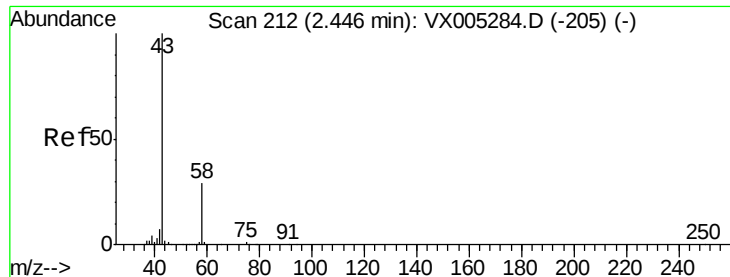
52 0.0 65.2 97.8#

51 26.6 28.2 42.2#



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





#16

Acetone

Concen: 0.537 ug/l

RT: 2.48 min Scan# 218

Delta R.T. 0.04 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

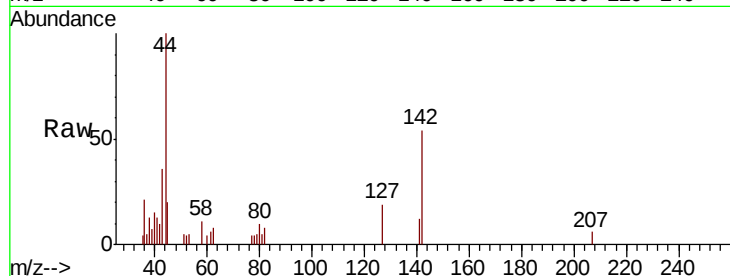
SB-1-6-8FTME

Tot Ion: 43 Resp: 928

Ion Ratio Lower Upper

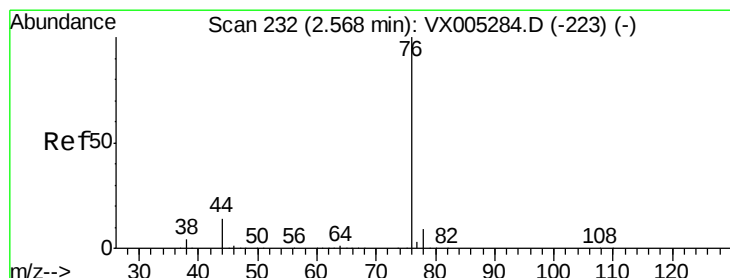
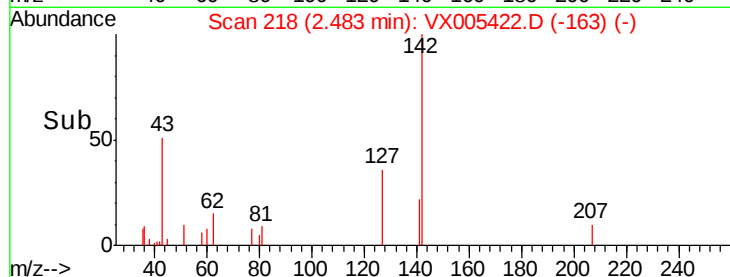
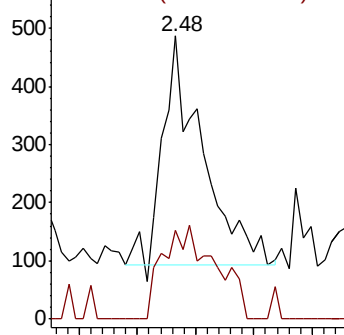
43 100

58 38.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.304 ug/l

RT: 2.53 min Scan# 226

Delta R.T. -0.04 min

Lab File: VX005422.D

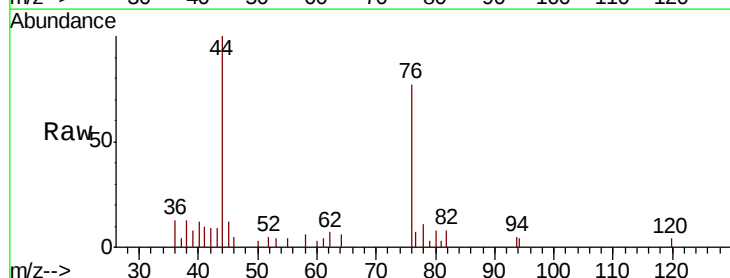
Acq: 18 Oct 2018 11:43

Tgt Ion: 76 Resp: 2177

Ion Ratio Lower Upper

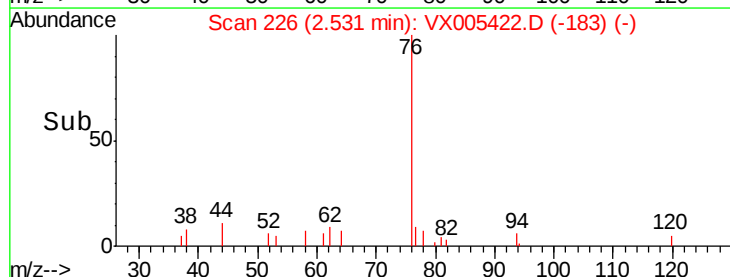
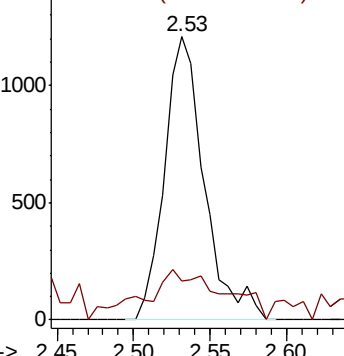
76 100

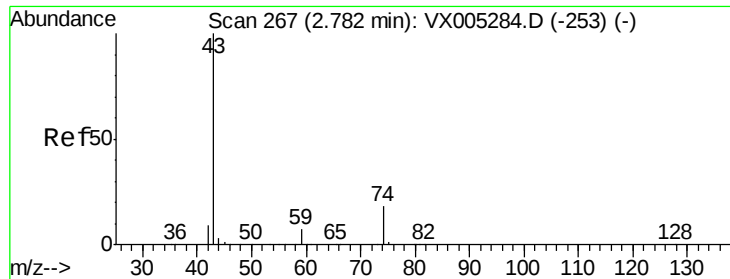
78 7.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

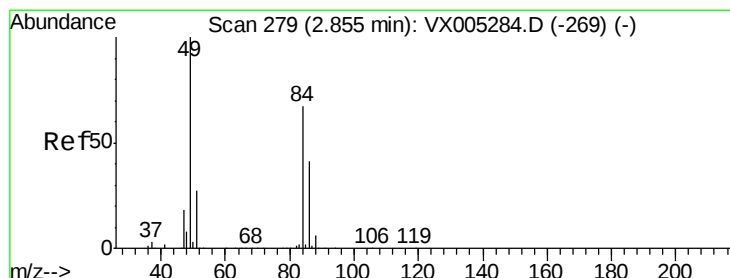
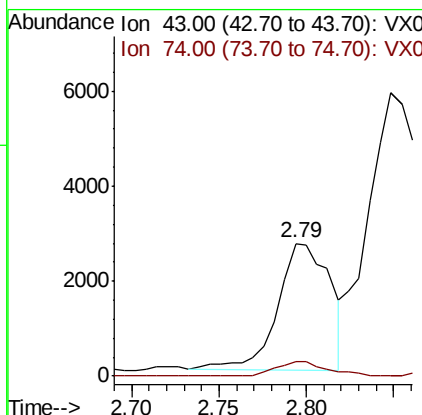
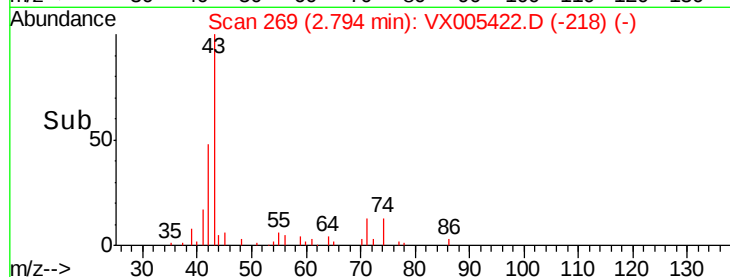
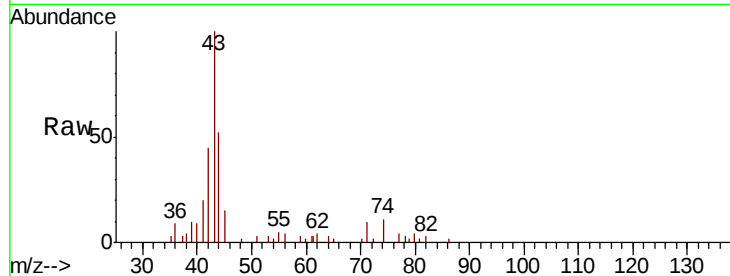




#18
Methyl Acetate
Concen: 1.131 ug/l
RT: 2.79 min Scan# 269
Delta R.T. 0.01 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

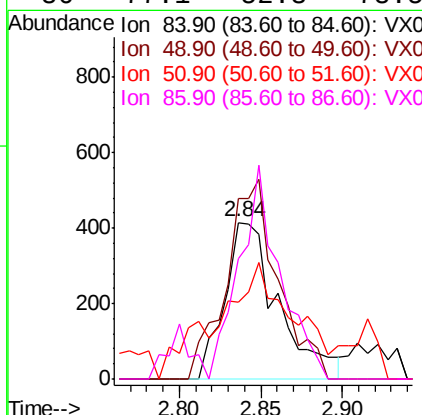
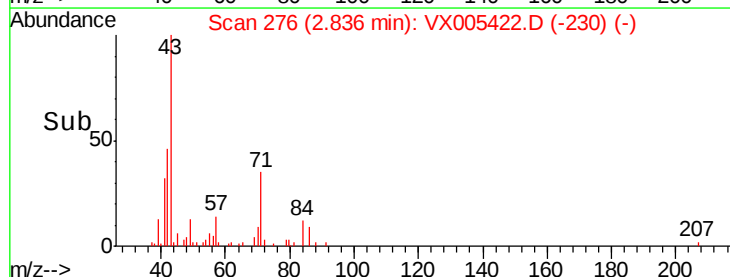
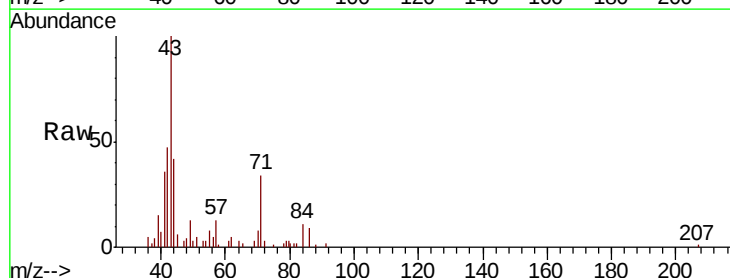
Instrument :
MSVOA_X
ClientSampleId :
SB-1-6-8FTME

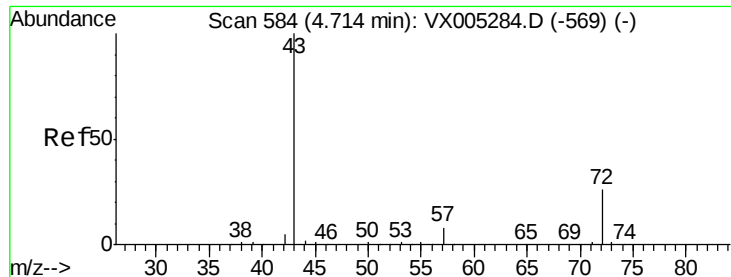
Tot Ion: 43 Resp: 5566
Ion Ratio Lower Upper
43 100
74 11.3 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Tgt Ion: 84 Resp: 945
Ion Ratio Lower Upper
84 100
49 115.2 101.2 151.8
51 27.8 29.5 44.3#
86 77.1 52.3 78.5





#25

2-Butanone

Concen: 1.337 ug/l

RT: 4.73 min Scan# 586

Delta R.T. 0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

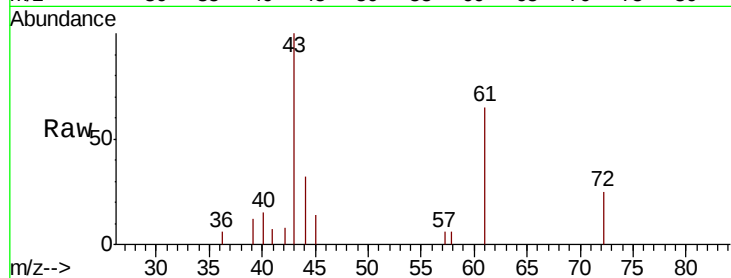
SB-1-6-8FTME

Tot Ion: 43 Resp: 3383

Ion Ratio Lower Upper

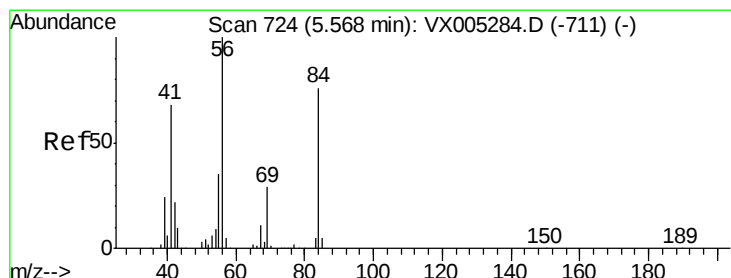
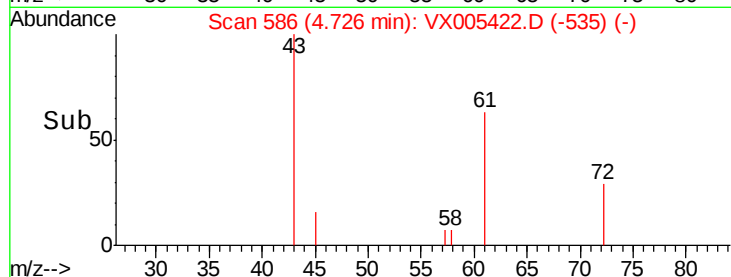
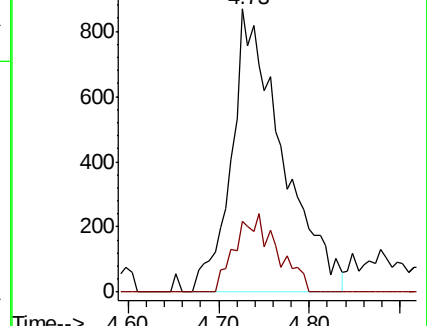
43 100

72 25.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 4.109 ug/l

RT: 5.55 min Scan# 721

Delta R.T. -0.02 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

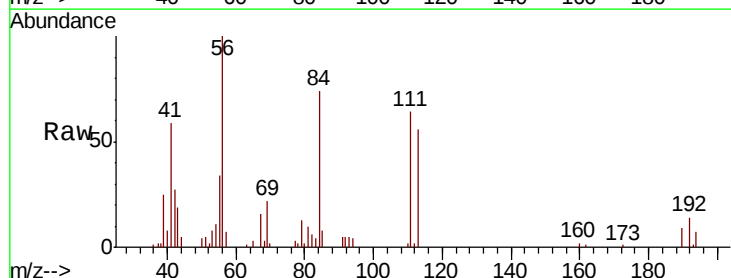
Tgt Ion: 56 Resp: 16895

Ion Ratio Lower Upper

56 100

69 22.1 25.4 38.2#

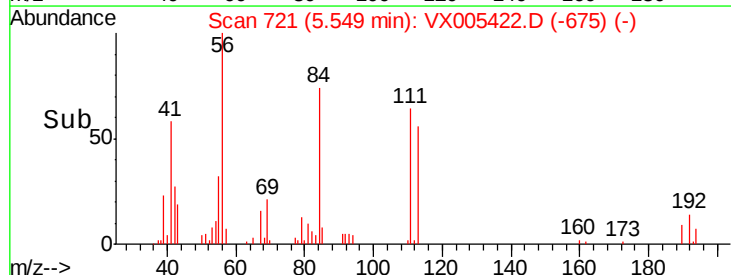
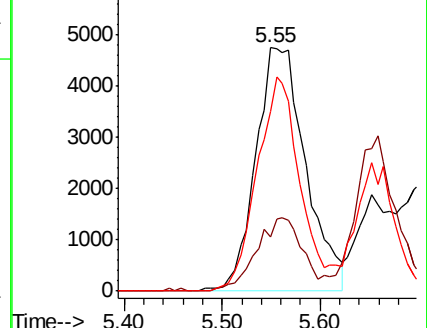
84 73.8 71.4 107.2

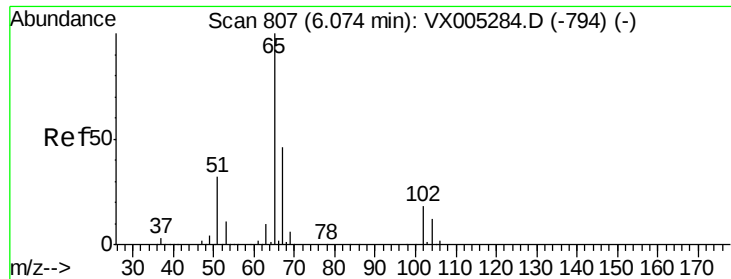


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.421 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

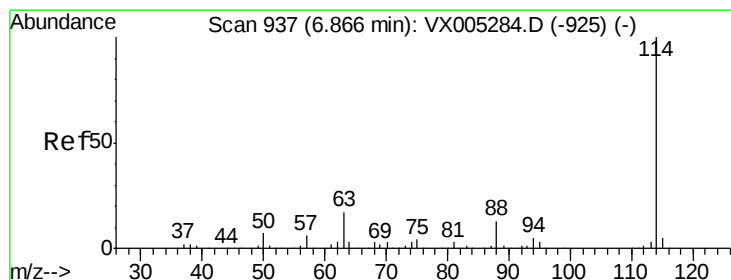
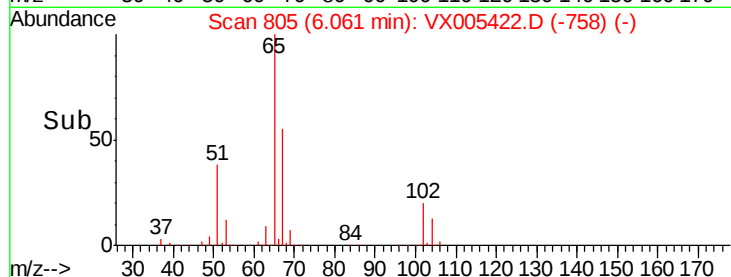
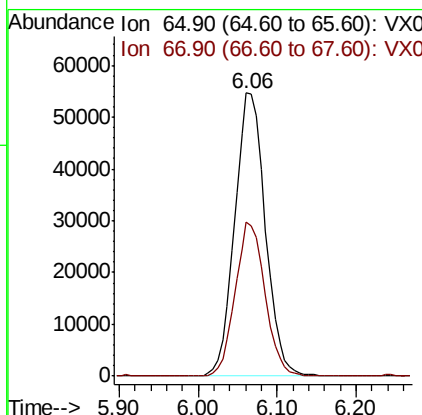
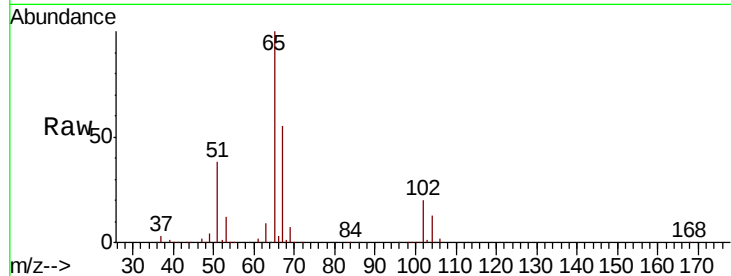
Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
SB-1-6-8FTME

Tot Ion: 65 Resp: 147832

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

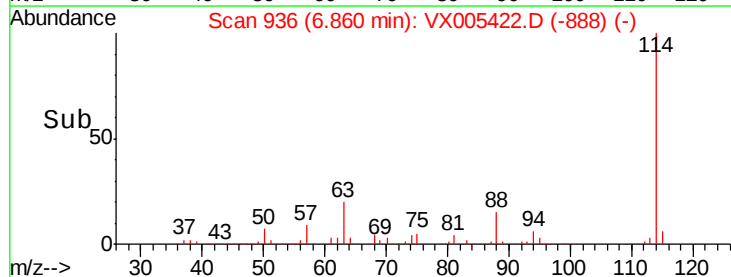
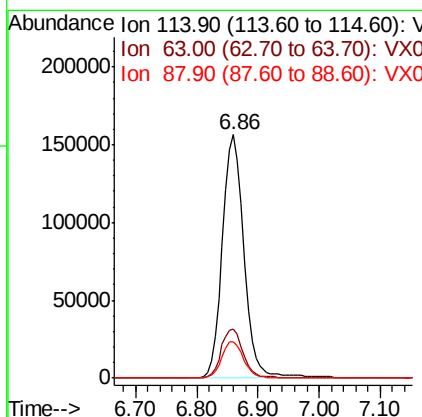
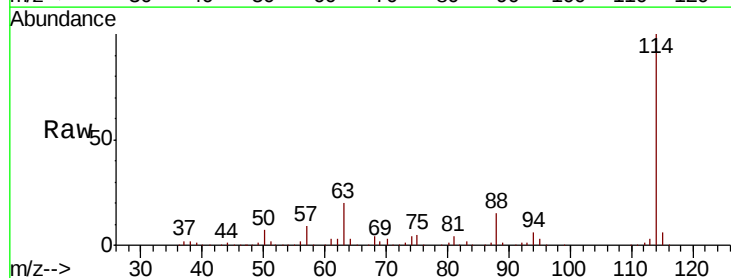
Delta R.T. -0.01 min

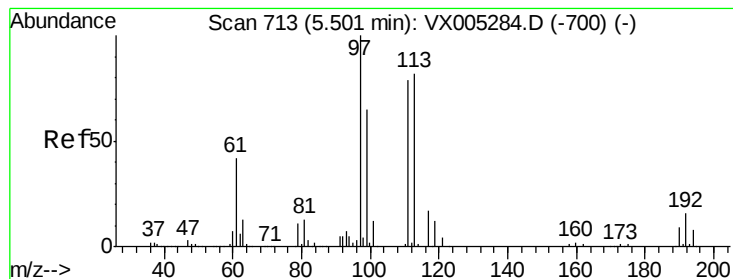
Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Tgt Ion: 114 Resp: 385268

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	14.8	0.0	30.4





#35

Dibromofluoromethane

Concen: 45.778 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

SB-1-6-8FTME

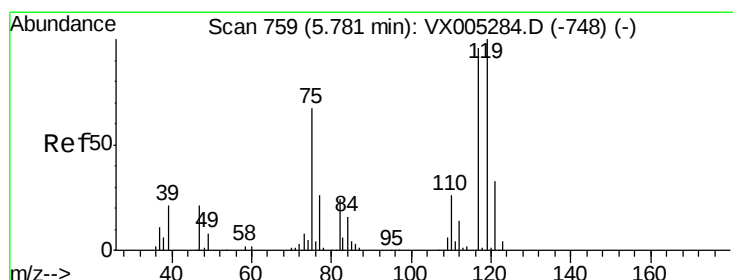
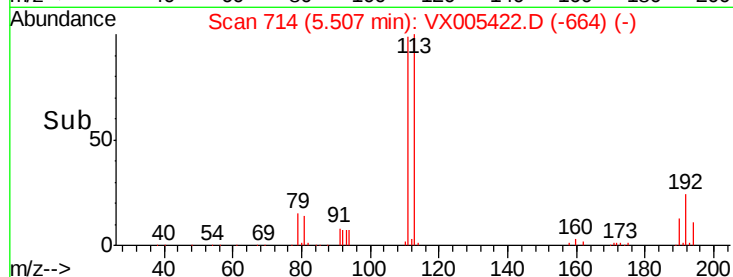
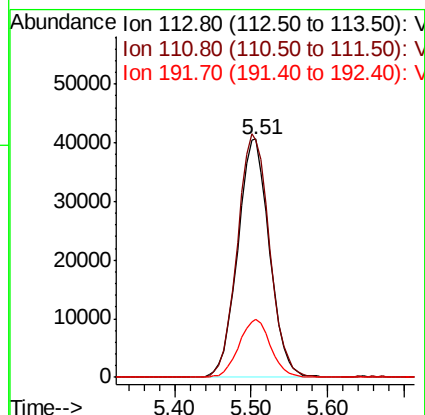
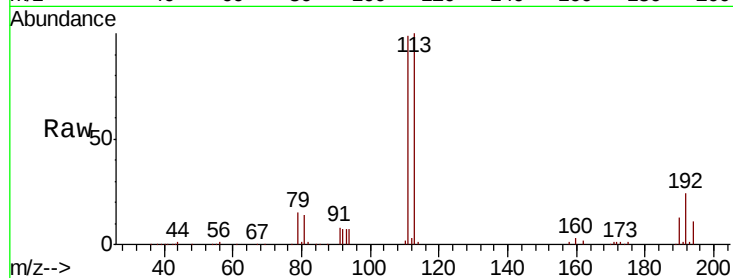
Tot Ion:113 Resp: 116814

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 24.2 19.4 29.2



#38

Carbon Tetrachloride

Concen: 6.304 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

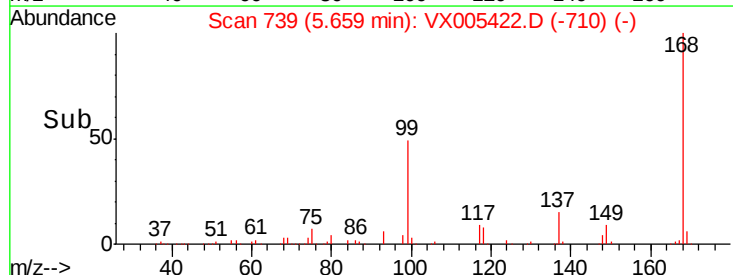
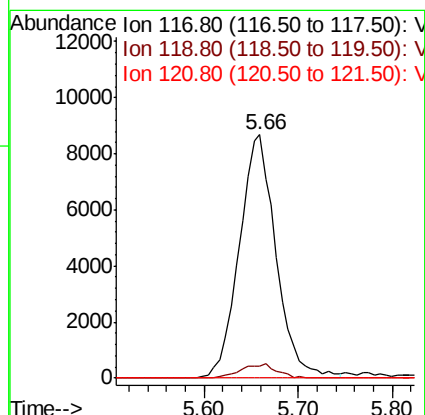
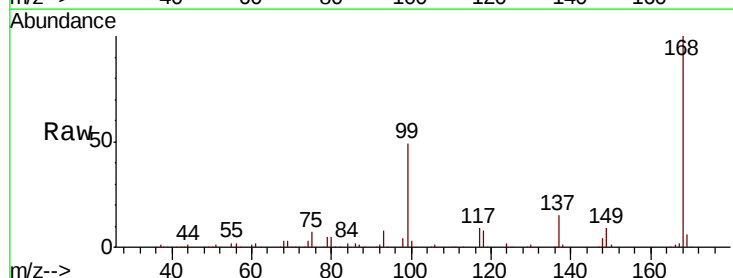
Tgt Ion:117 Resp: 23633

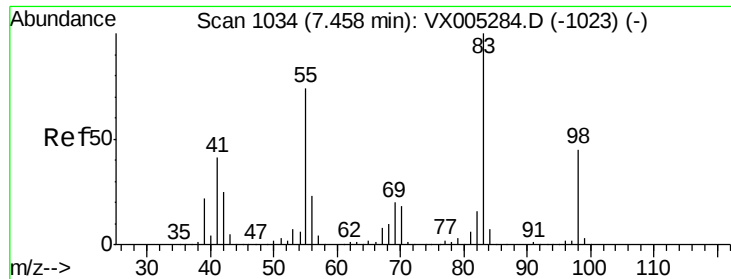
Ion Ratio Lower Upper

117 100

119 5.0 78.8 118.2#

121 0.0 24.9 37.3#

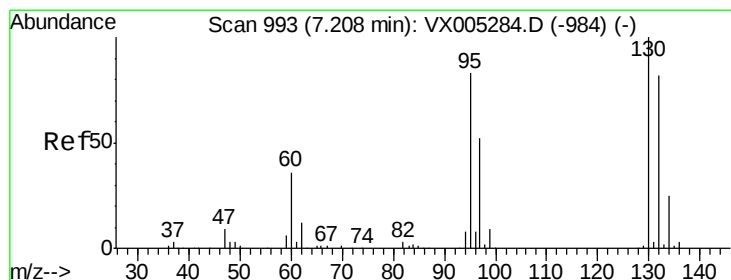
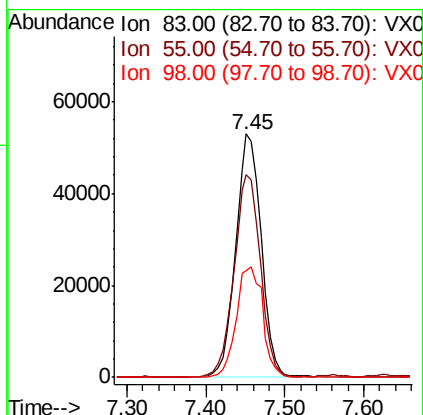
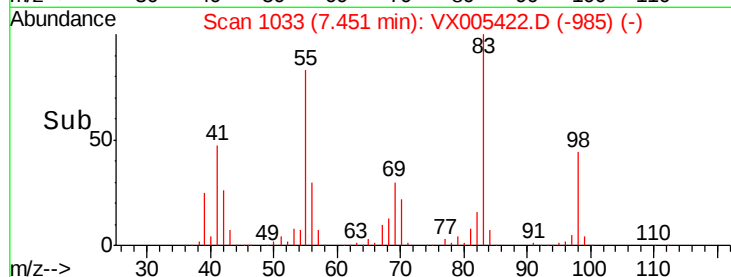
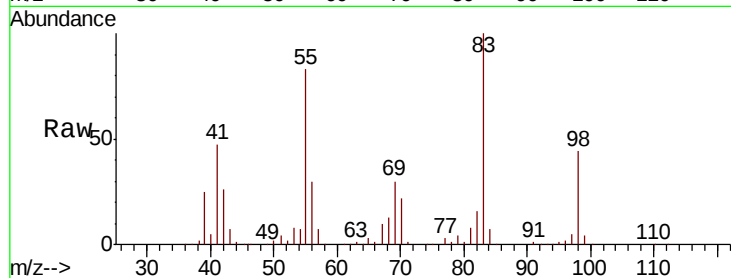




#39
Methylcyclohexane
Concen: 29.600 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

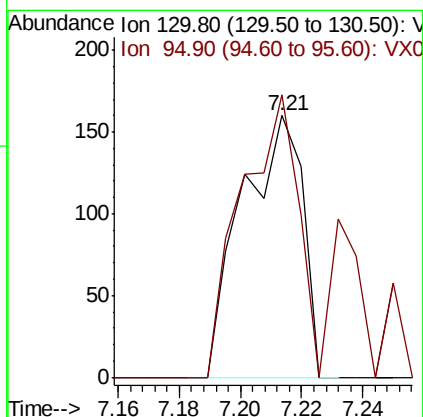
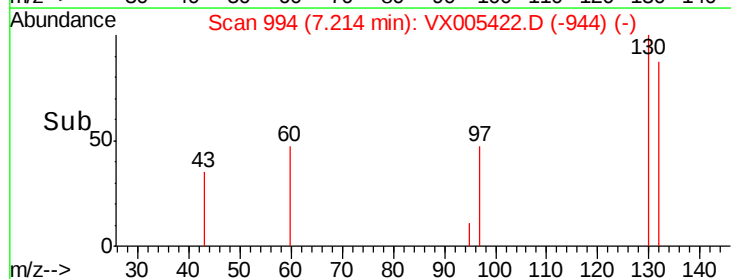
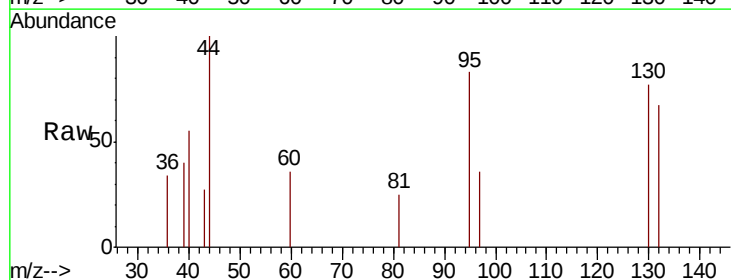
Instrument :
MSVOA_X
ClientSampleId :
SB-1-6-8FTME

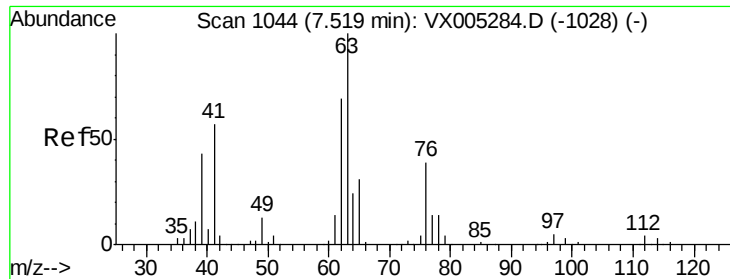
Tot Ion: 83 Resp: 119533
Ion Ratio Lower Upper
83 100
55 83.2 61.0 91.4
98 44.0 39.6 59.4



#44
Trichloroethene
Concen: Below Cal
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Tgt Ion:130 Resp: 219
Ion Ratio Lower Upper
130 100
95 108.1 0.0 181.6





#45

1,2-Dichloropropane

Concen: 0.584 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.07 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

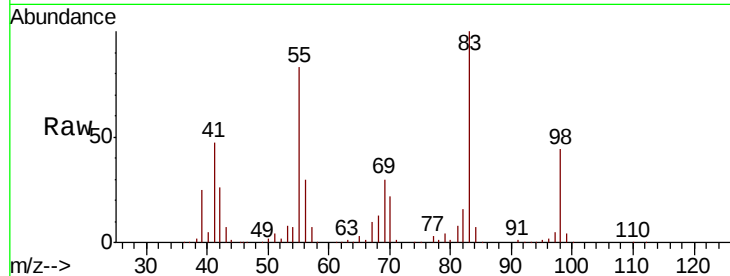
SB-1-6-8FTME

Tot Ion: 63 Resp: 1604

Ion Ratio Lower Upper

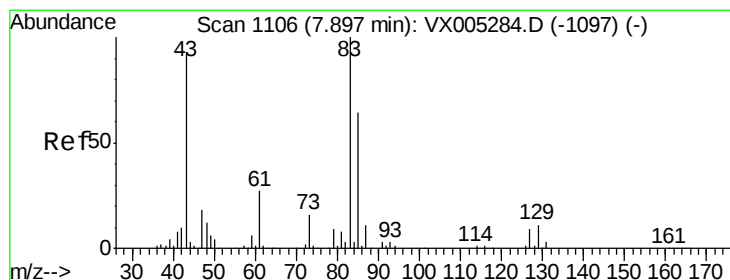
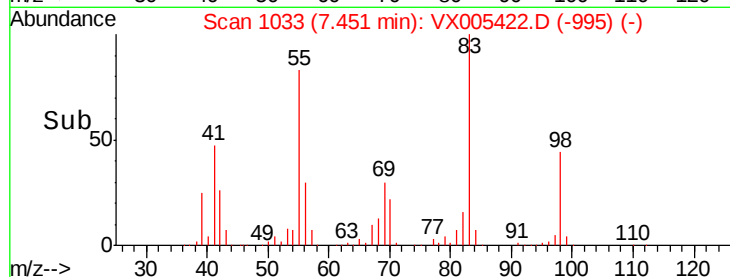
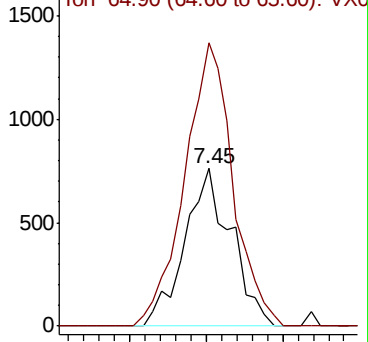
63 100

65 179.3 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.300 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

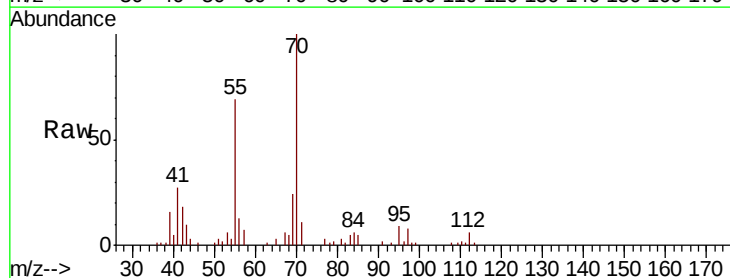
Tgt Ion: 83 Resp: 1006

Ion Ratio Lower Upper

83 100

85 101.1 50.9 76.3#

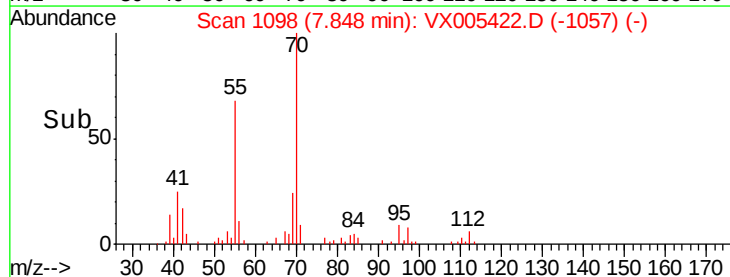
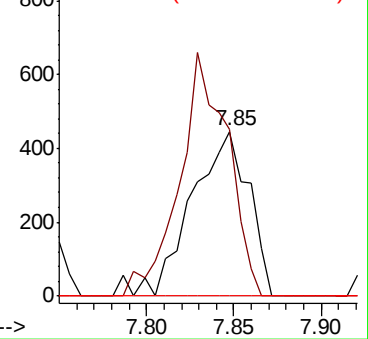
127 0.0 7.3 10.9#

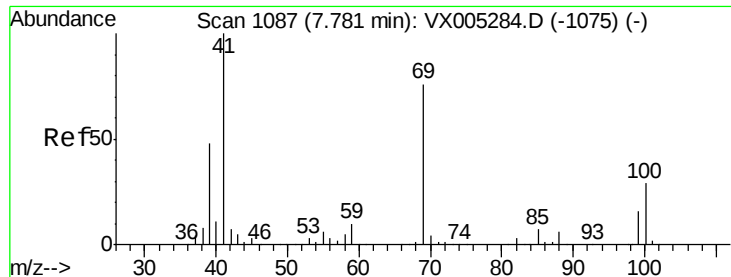


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

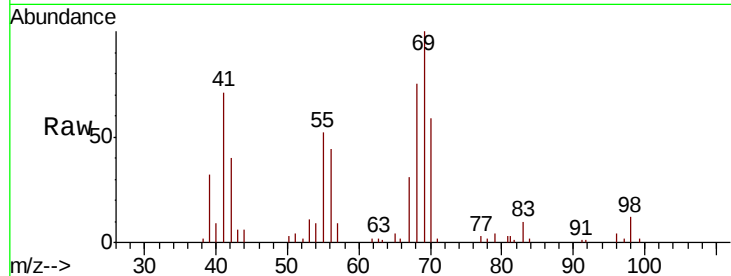




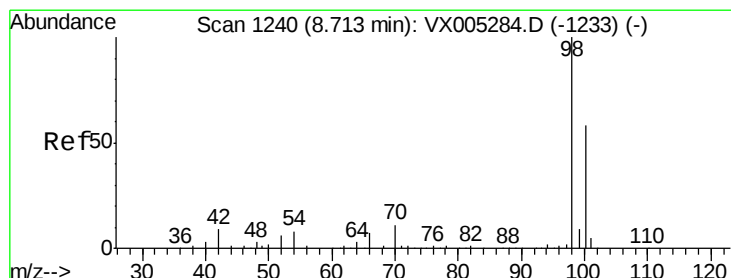
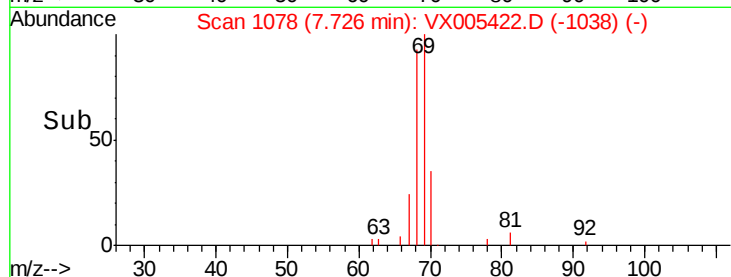
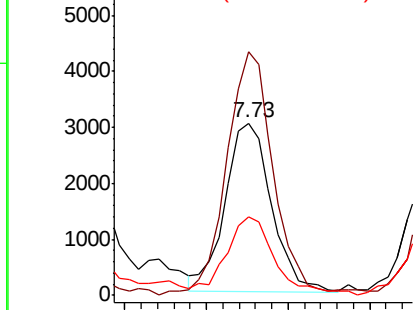
#48
Methyl methacrylate
Concen: 1.799 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.06 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
SB-1-6-8FTME

Tot Ion: 41 Resp: 5963
Ion Ratio Lower Upper
41 100
69 145.4 70.2 105.4#
39 49.5 42.7 64.1

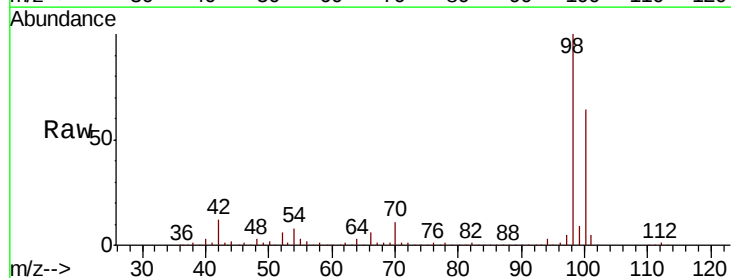


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

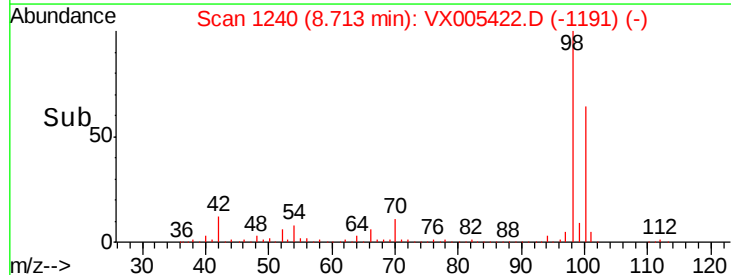
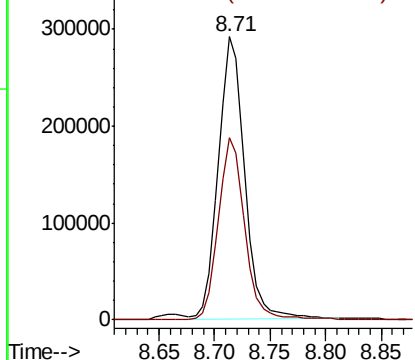


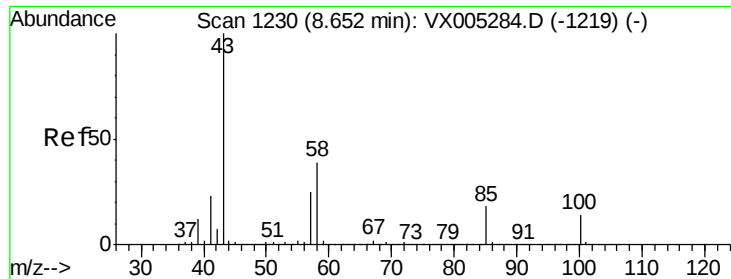
#50
Toluene-d8
Concen: 54.529 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Tgt Ion: 98 Resp: 477691
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 3.735 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

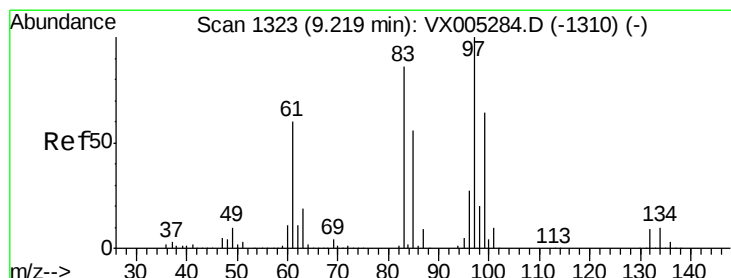
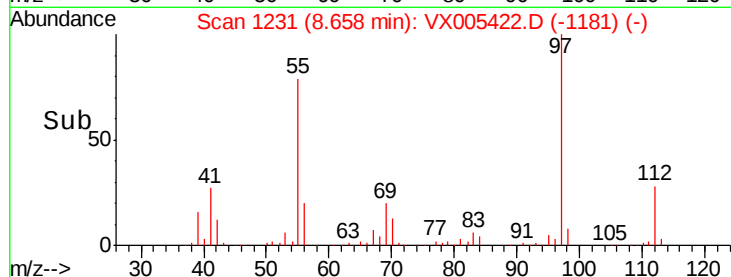
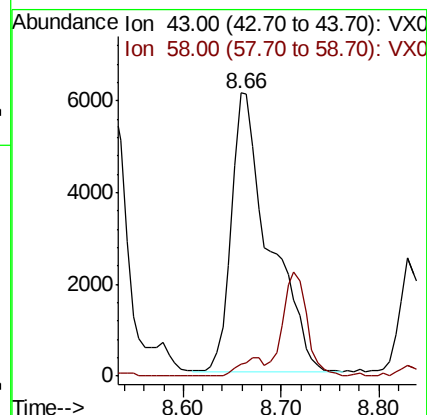
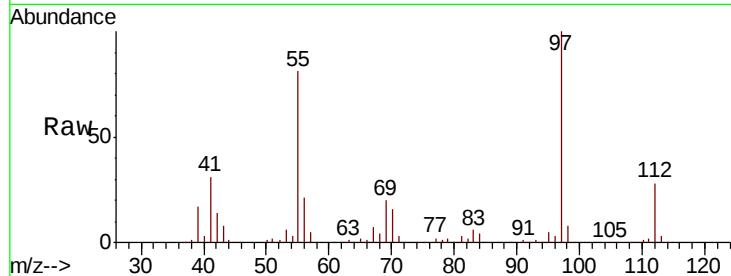
SB-1-6-8FTME

Tot Ion: 43 Resp: 16531

Ion Ratio Lower Upper

43 100

58 4.1 33.1 49.7#



#55

1,1,2-Trichloroethane

Concen: 20.521 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.06 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Tgt Ion: 97 Resp: 53226

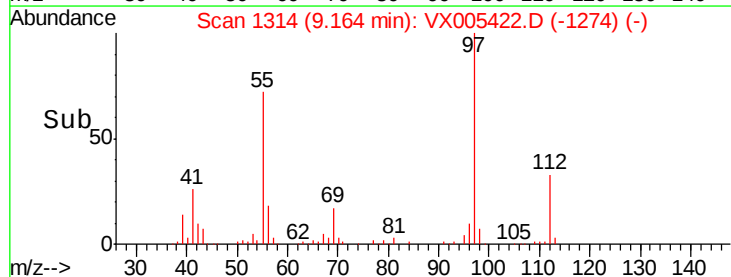
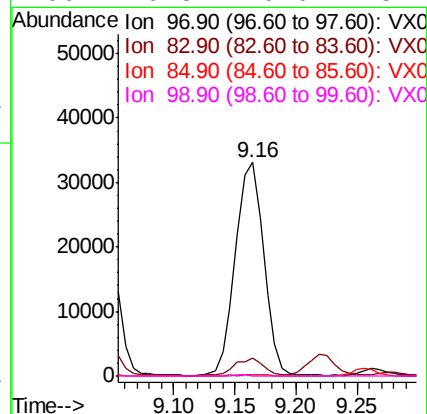
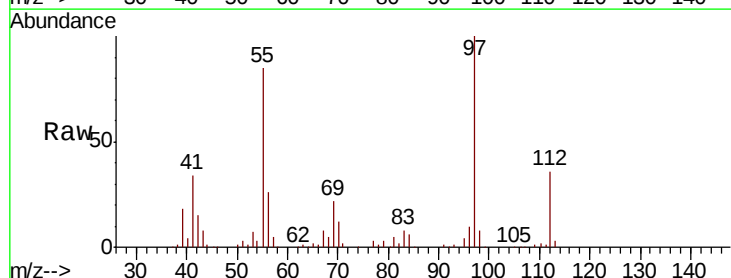
Ion Ratio Lower Upper

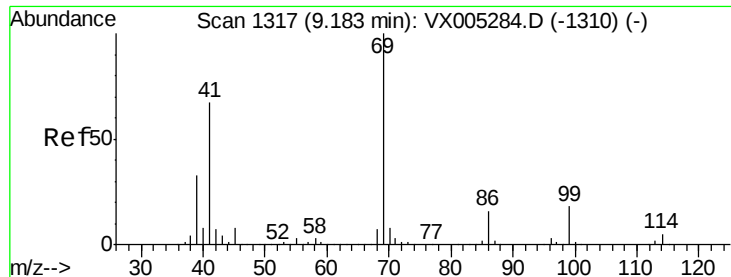
97 100

83 8.1 66.4 99.6#

85 0.4 43.3 64.9#

99 0.3 49.0 73.4#





#56

Ethyl methacrylate

Concen: 3.231 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampled :

SB-1-6-8FTME

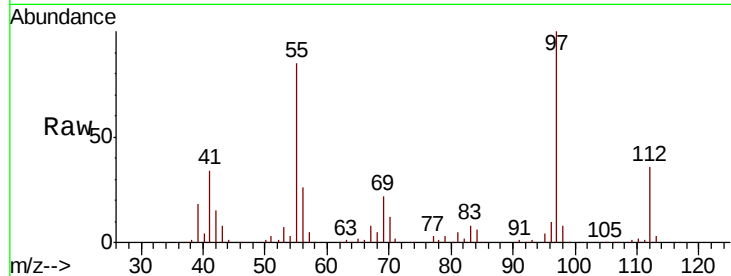
Tot Ion: 69 Resp: 12218

Ion Ratio Lower Upper

69 100

41 154.2 51.0 76.4#

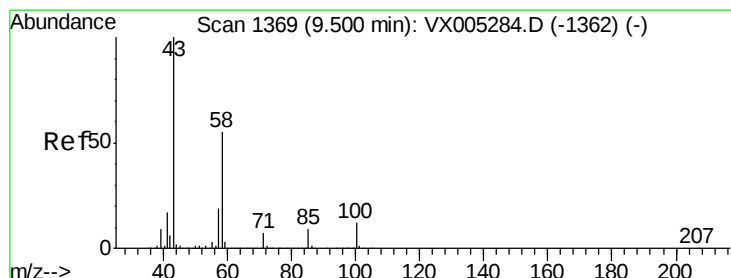
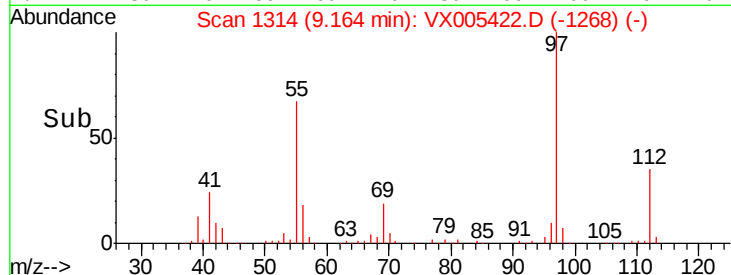
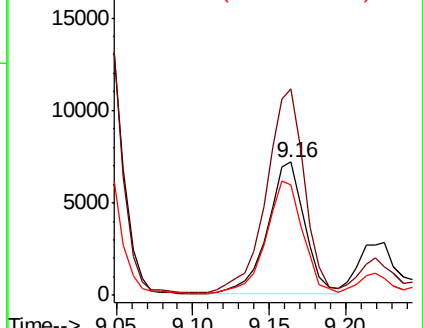
39 83.9 26.1 39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 9.217 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.06 min

Lab File: VX005422.D

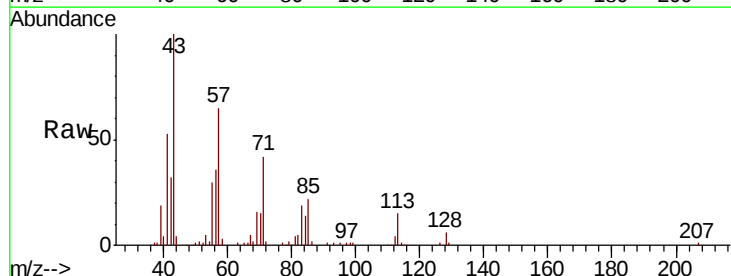
Acq: 18 Oct 2018 11:43

Tgt Ion: 43 Resp: 32814

Ion Ratio Lower Upper

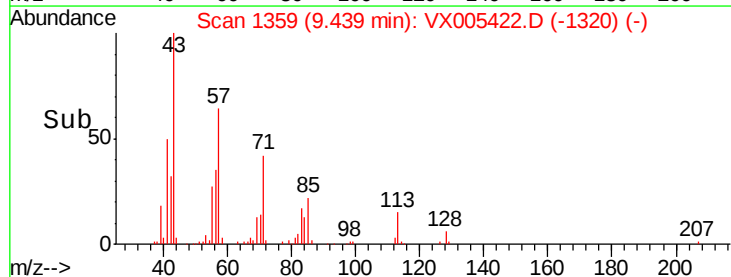
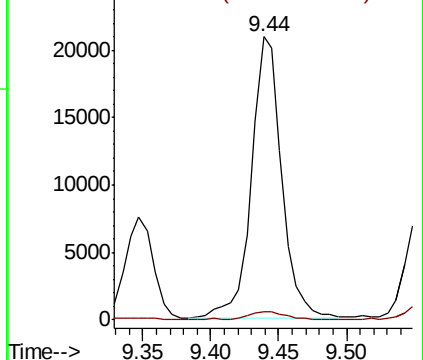
43 100

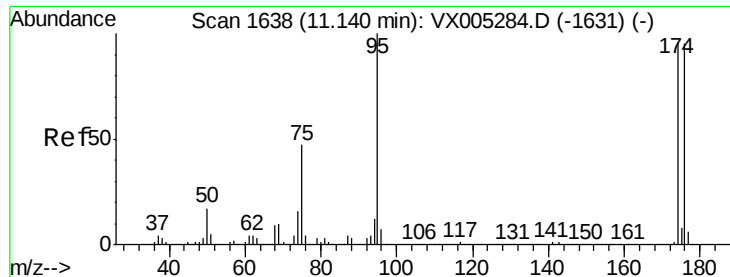
58 3.9 29.0 87.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

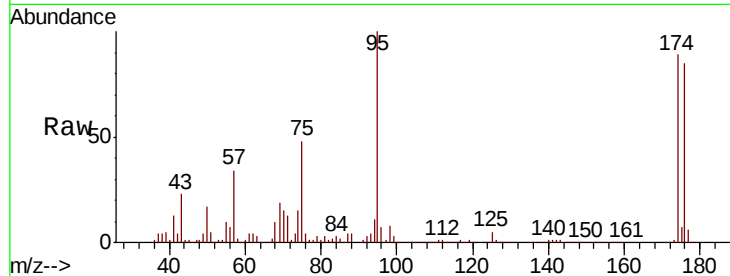




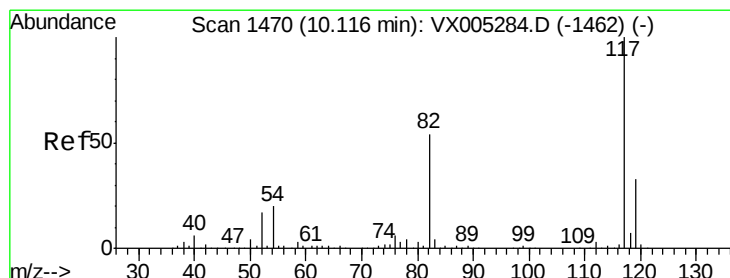
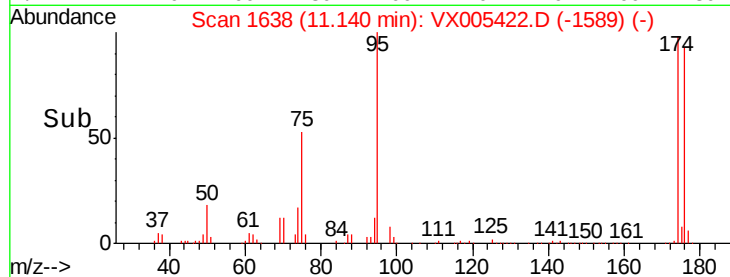
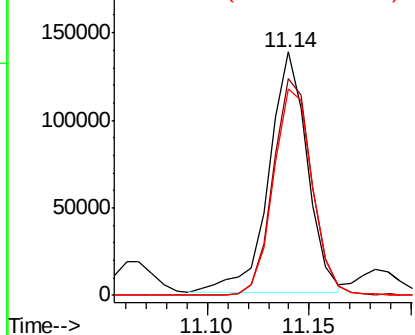
#62
4-Bromofluorobenzene
Concen: 55.283 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
SB-1-6-8FTME

Tot Ion: 95 Resp: 181932
Ion Ratio Lower Upper
95 100
174 90.0 0.0 185.2
176 87.2 0.0 178.6

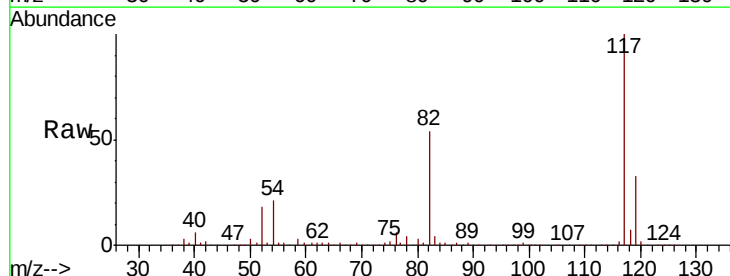


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

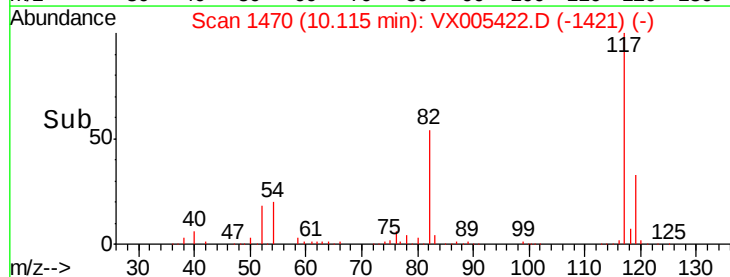
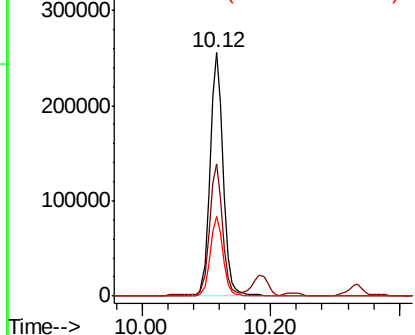


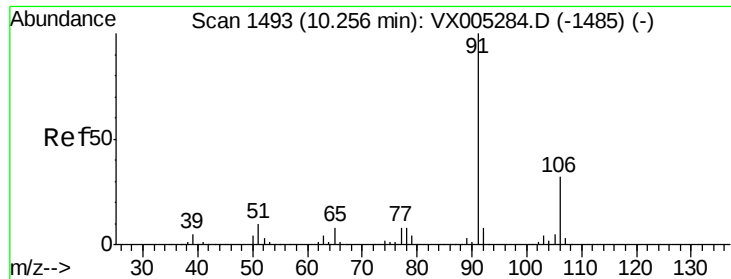
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Tgt Ion: 117 Resp: 364891
Ion Ratio Lower Upper
117 100
82 53.8 47.8 71.6
119 32.8 29.3 43.9



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

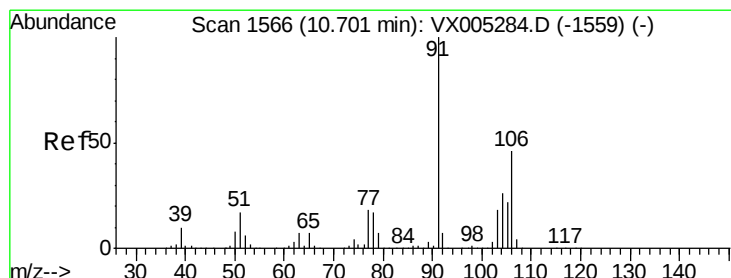
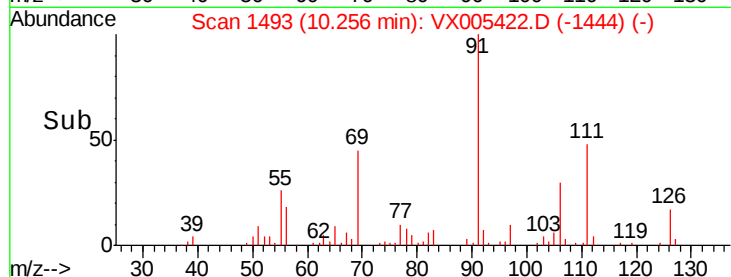
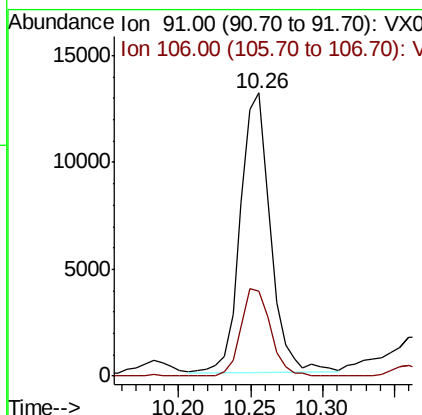
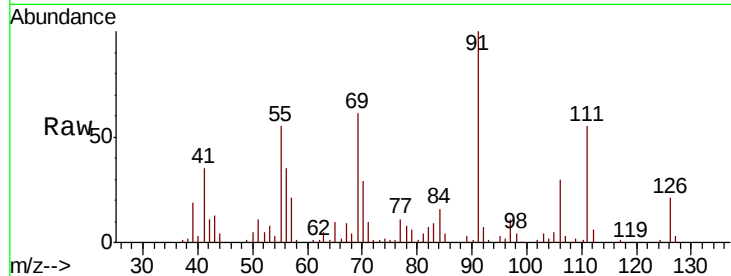




#67
Ethyl Benzene
Concen: 1.509 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

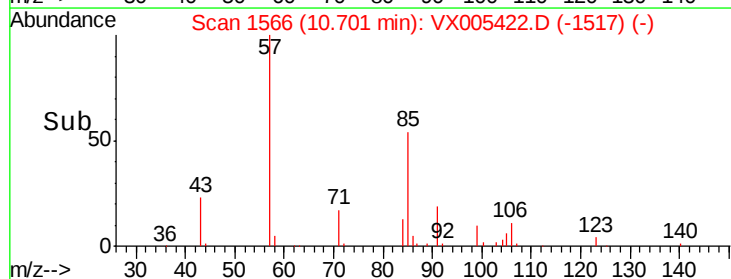
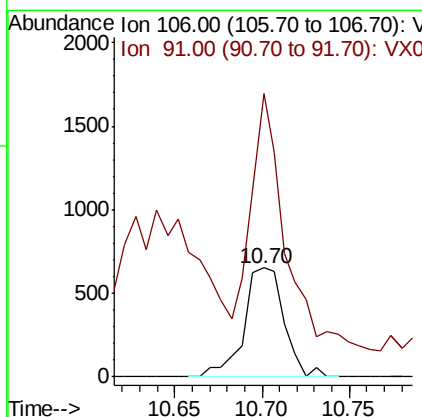
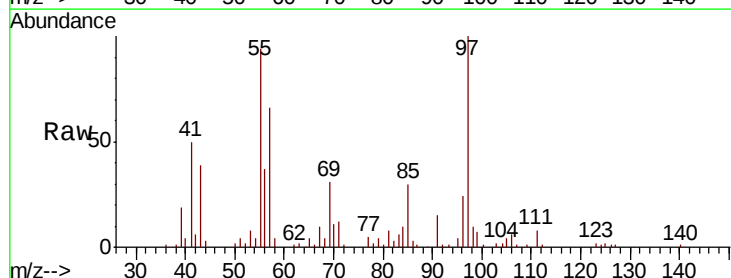
Instrument :
MSVOA_X
ClientSampleId :
SB-1-6-8FTME

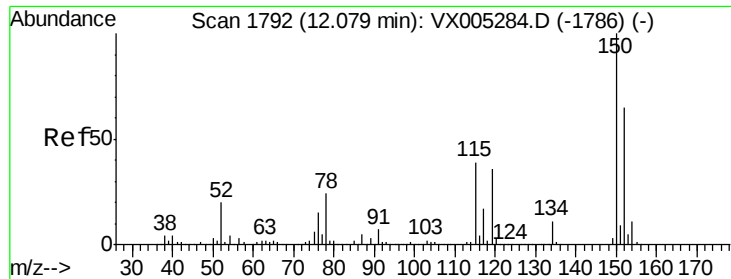
Tot Ion: 91 Resp: 19041
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9



#69
o-Xylene
Concen: 0.220 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Tgt Ion: 106 Resp: 1040
Ion Ratio Lower Upper
106 100
91 204.6 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

SB-1-6-8FTME

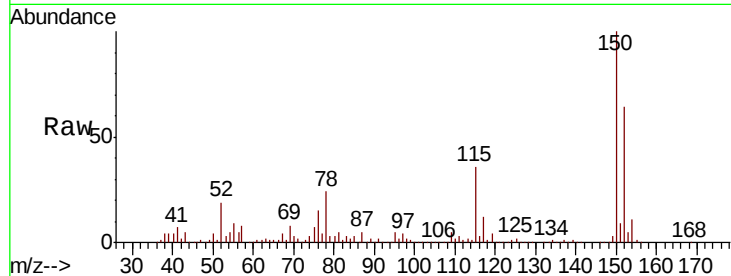
Tot Ion:152 Resp: 195595

Ion Ratio Lower Upper

152 100

115 55.9 39.0 117.0

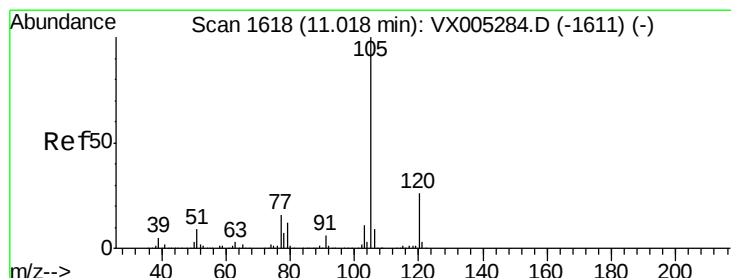
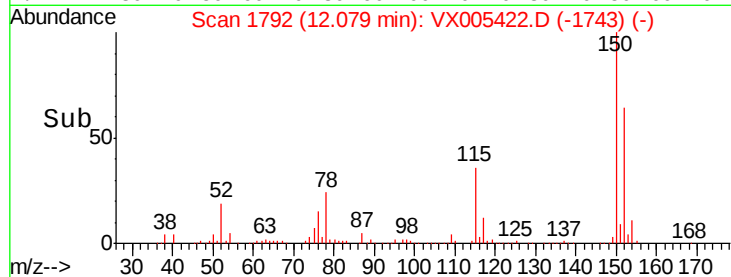
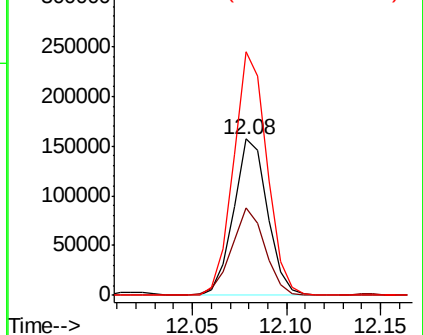
150 153.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 12.386 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005422.D

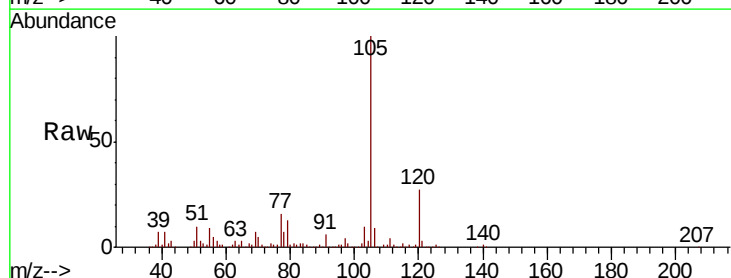
Acq: 18 Oct 2018 11:43

Tgt Ion:105 Resp: 144021

Ion Ratio Lower Upper

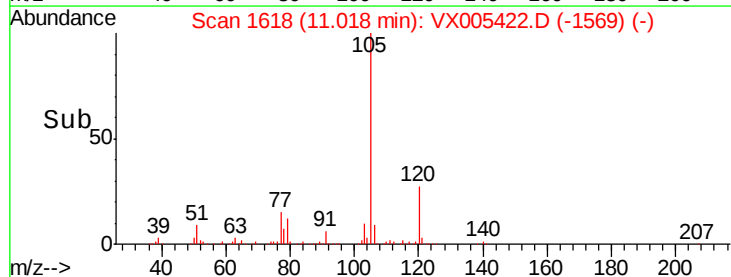
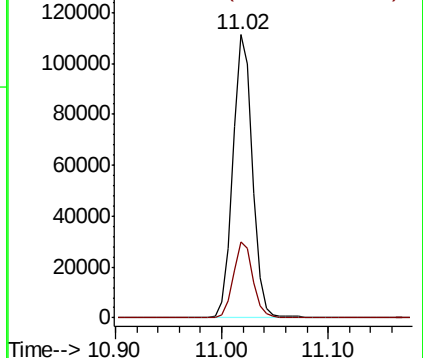
105 100

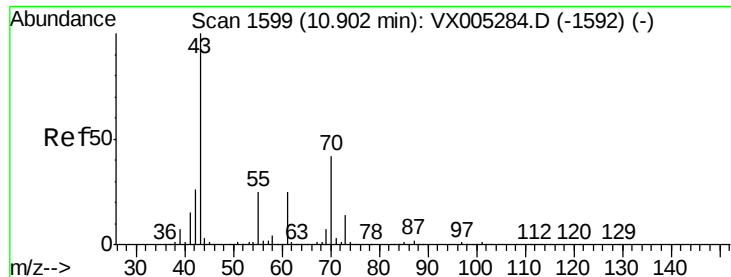
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 11.425 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

SB-1-6-8FTME

Tot Ion: 43 Resp: 64071

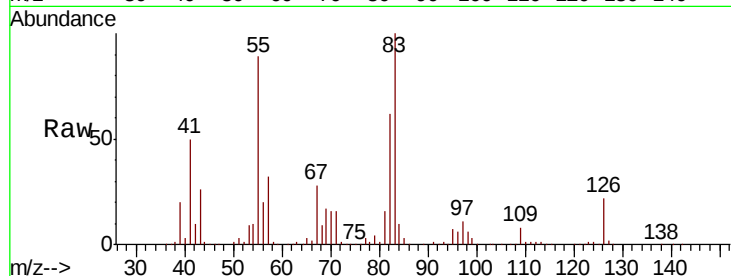
Ion Ratio Lower Upper

43 100

70 74.1 37.4 56.0#

55 322.3 21.8 32.8#

61 0.0 20.6 30.8#

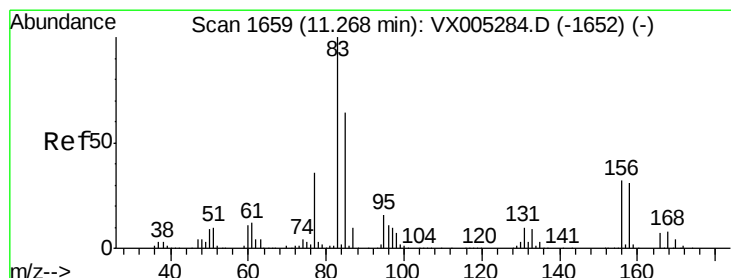
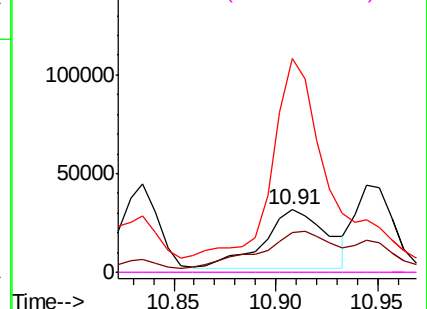
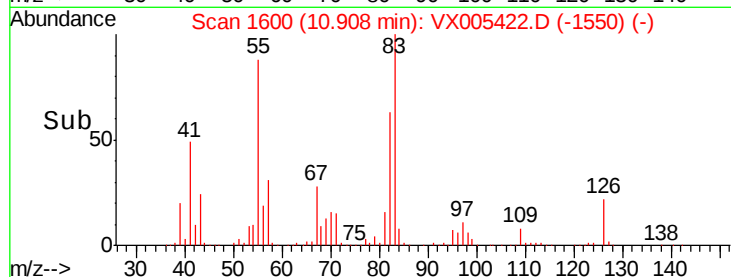


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 13.014 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

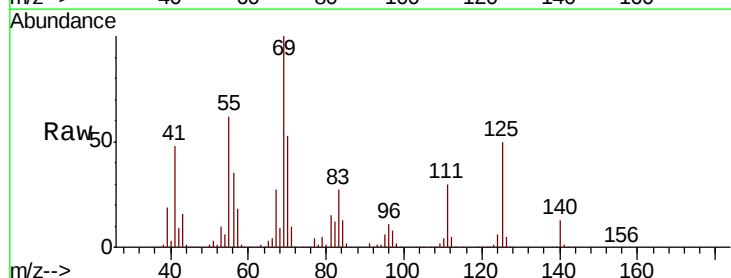
Tgt Ion: 83 Resp: 57083

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

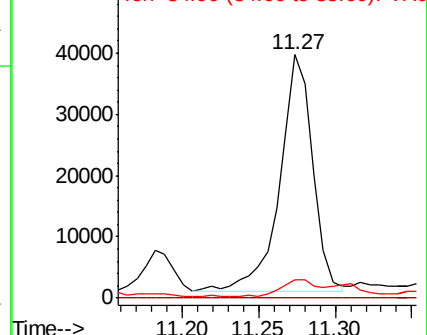
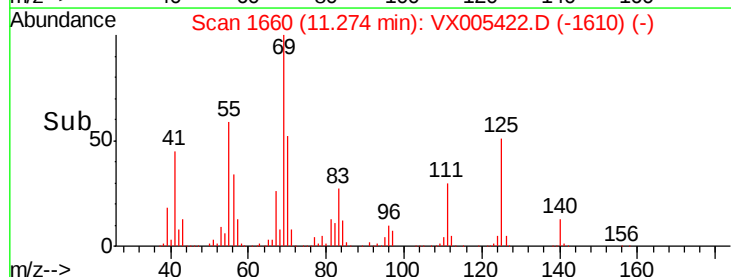
85 7.8 32.3 96.8#

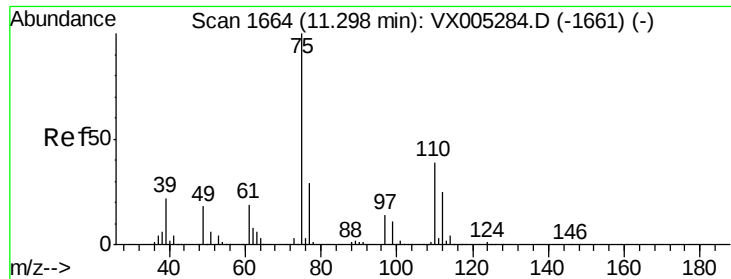


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

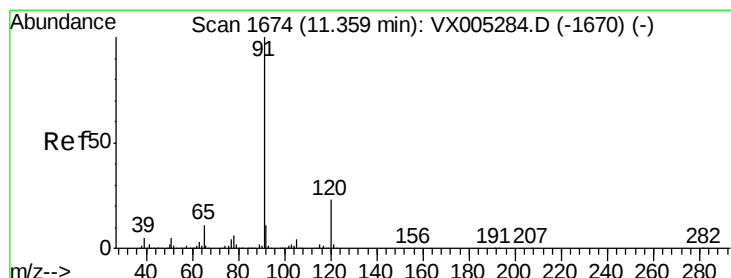
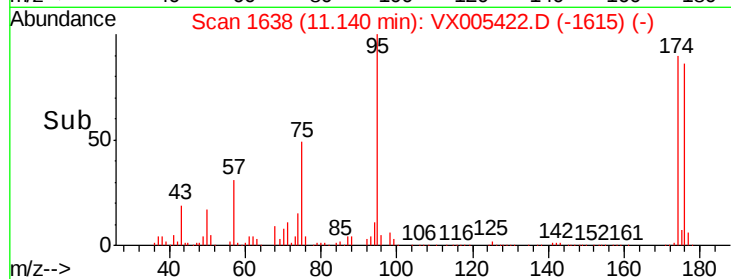
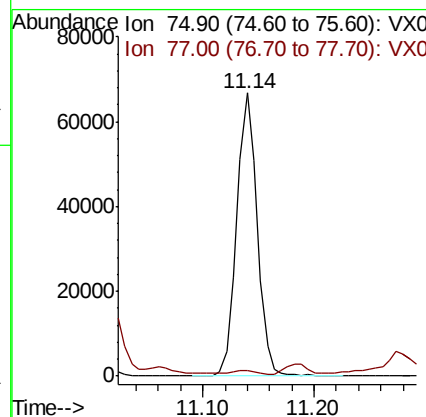
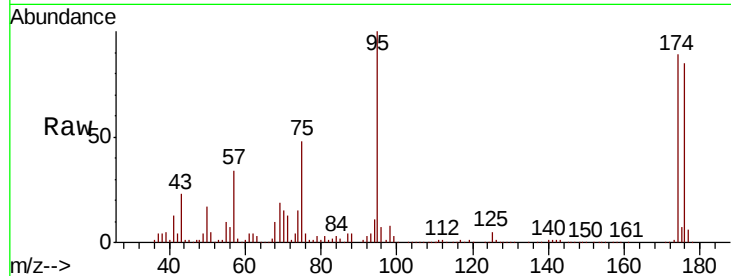




#76
 1,2,3-Trichloropropane
 Concen: 22.475 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005422.D
 Acq: 18 Oct 2018 11:43

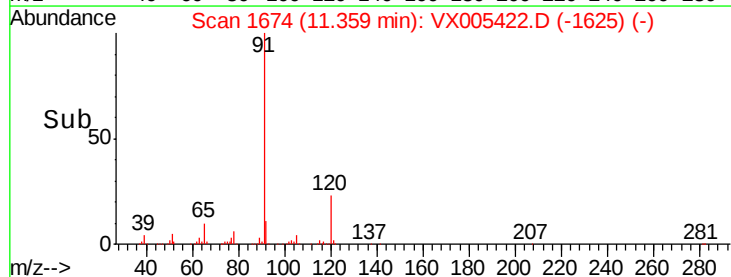
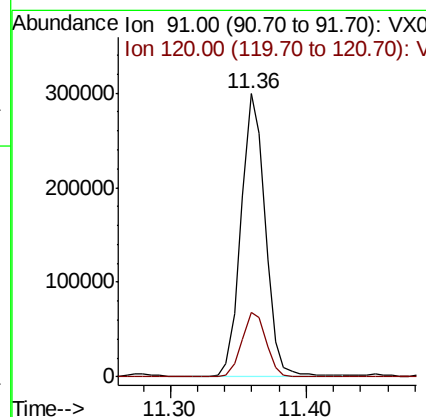
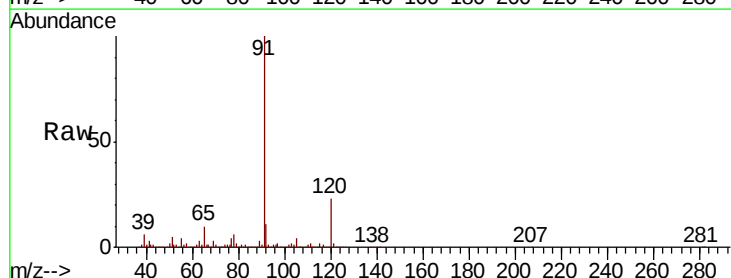
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-6-8FTME

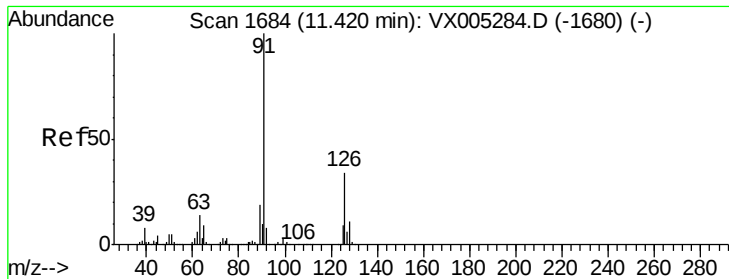
Tot Ion: 75 Resp: 85270
 Ion Ratio Lower Upper
 75 100
 77 1.9 20.2 60.6#



#78
 n-propylbenzene
 Concen: 27.750 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX005422.D
 Acq: 18 Oct 2018 11:43

Tgt Ion: 91 Resp: 371306
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.9 35.9





#79

2-Chlorotoluene

Concen: 45.311 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

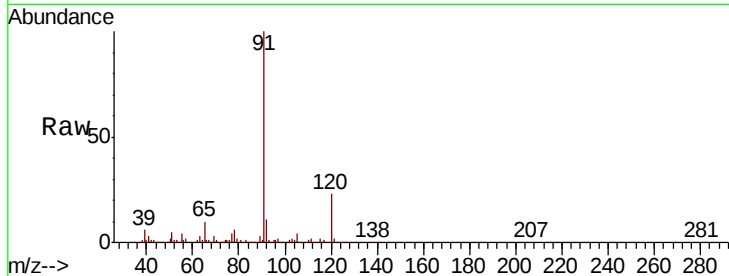
SB-1-6-8FTME

Tot Ion: 91 Resp: 371306

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

300000

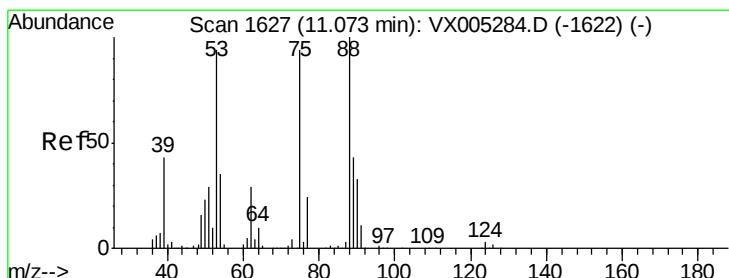
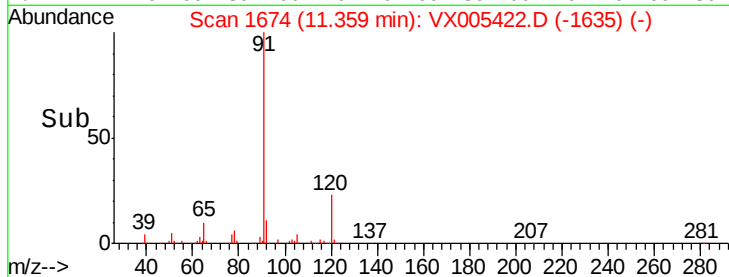
200000

100000

0

11.30 11.40

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 68.290 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

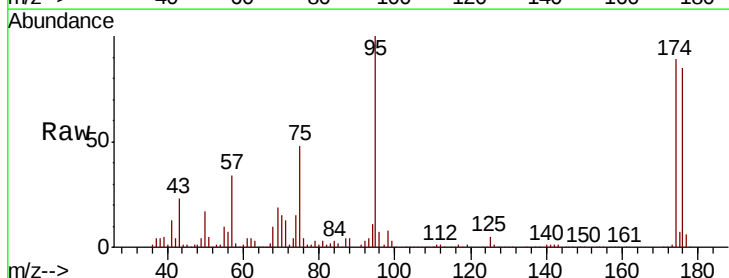
Tgt Ion: 75 Resp: 85270

Ion Ratio Lower Upper

75 100

53 3.5 80.1 120.1#

89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

80000

60000

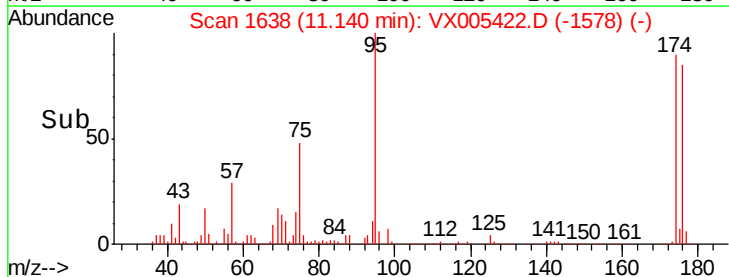
40000

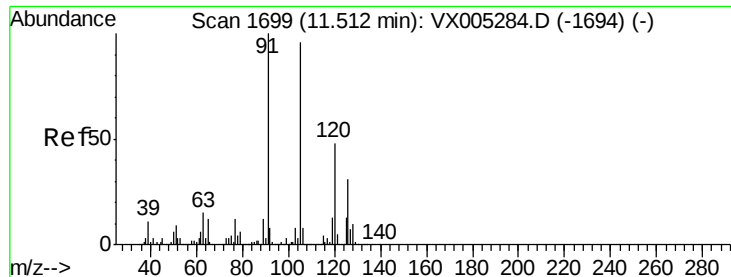
20000

0

11.10 11.20

Time-->





#82

4-Chlorotoluene

Concen: 38.224 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

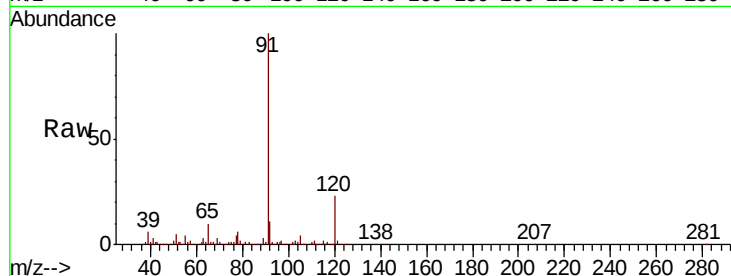
SB-1-6-8FTME

Tot Ion: 91 Resp: 371306

Ion Ratio Lower Upper

91 100

126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1694) (-)

Ion 125.90 (125.60 to 126.60): VX005284.D (-1694) (-)

11.36

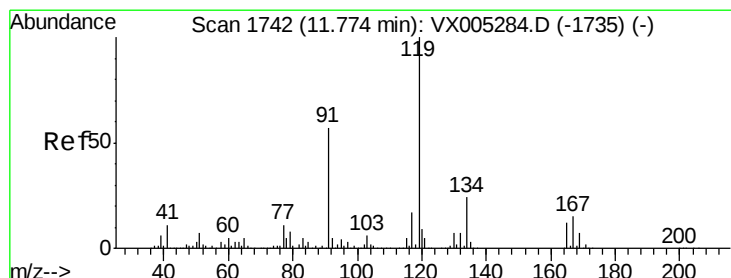
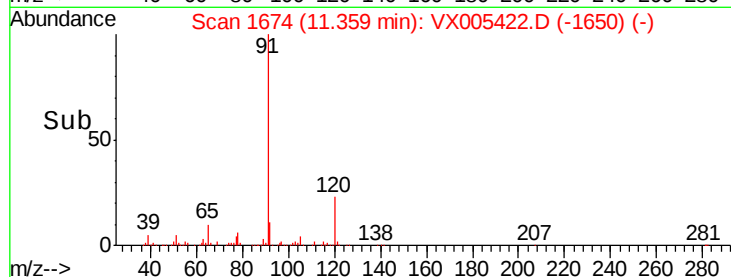
300000

200000

100000

0

Time-->



#83

tert-Butylbenzene

Concen: 1.294 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

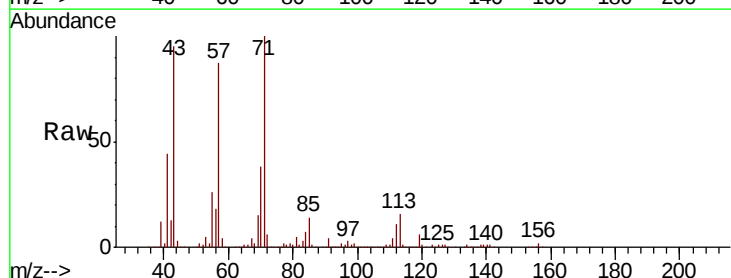
Tgt Ion: 119 Resp: 13047

Ion Ratio Lower Upper

119 100

91 79.9 27.0 81.0

134 26.0 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): VX005284.D (-1735) (-)

Ion 91.00 (90.70 to 91.70): VX005284.D (-1735) (-)

Ion 134.00 (133.70 to 134.70): VX005284.D (-1735) (-)

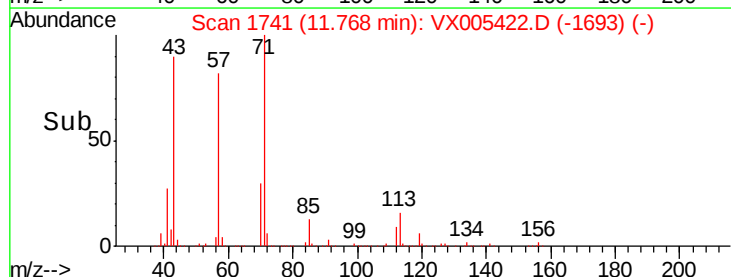
11.77

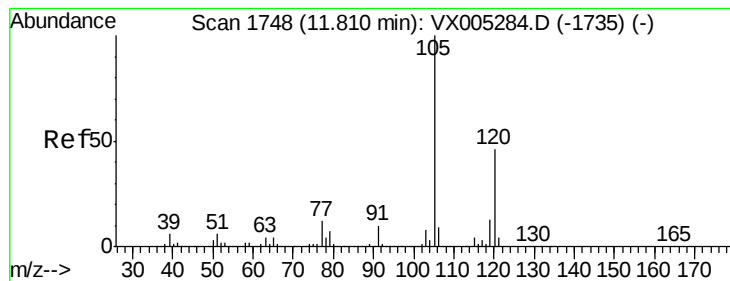
10000

5000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 24.863 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.14 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

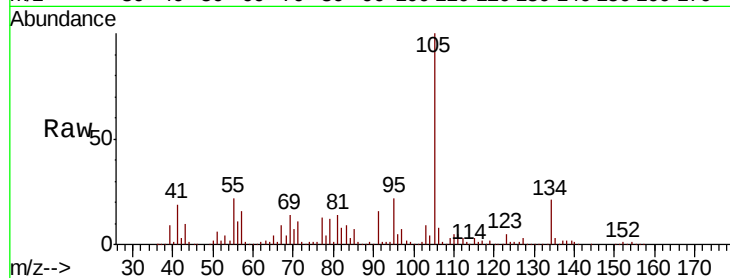
SB-1-6-8FTME

Tot Ion:105 Resp: 254767

Ion Ratio Lower Upper

105 100

120 0.2 23.2 69.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

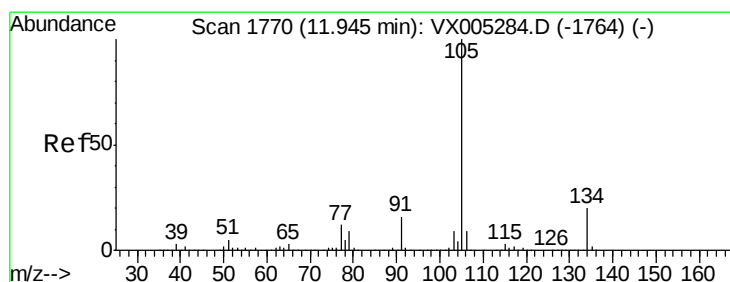
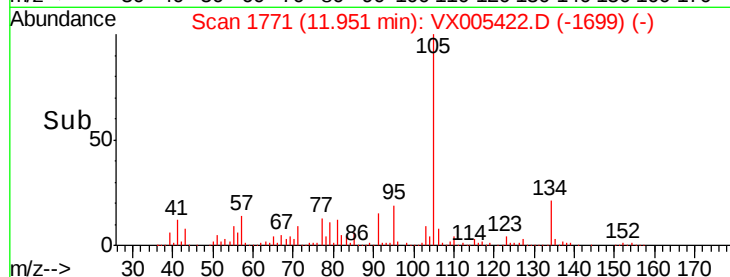
0

11.95

11.90

12.00

Time-->



#85

sec-Butylbenzene

Concen: 21.350 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005422.D

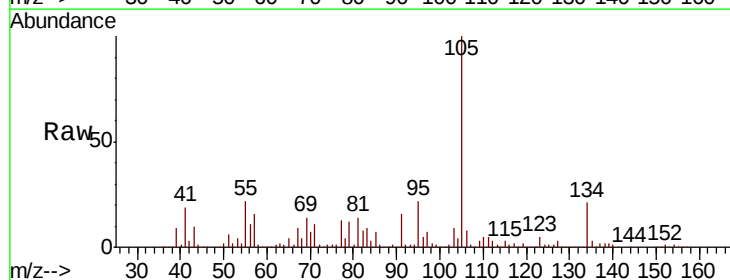
Acq: 18 Oct 2018 11:43

Tgt Ion:105 Resp: 254767

Ion Ratio Lower Upper

105 100

134 29.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

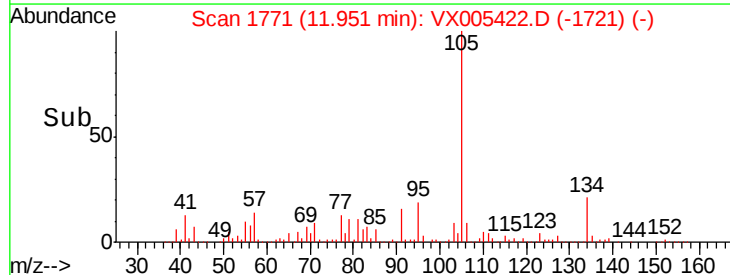
0

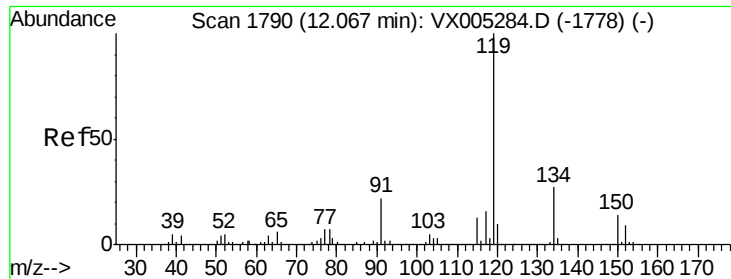
11.95

11.90

12.00

Time-->

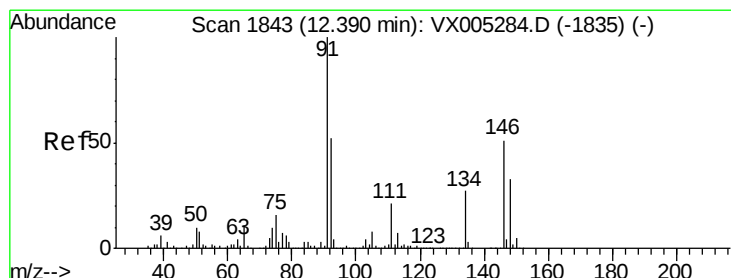
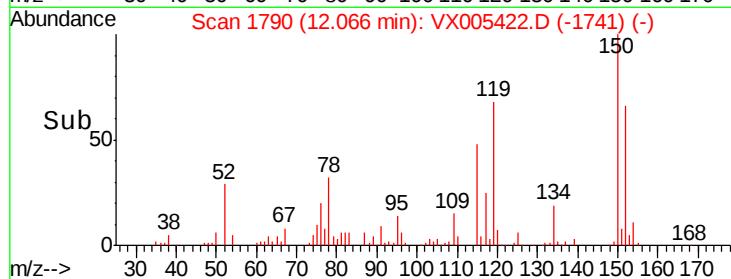
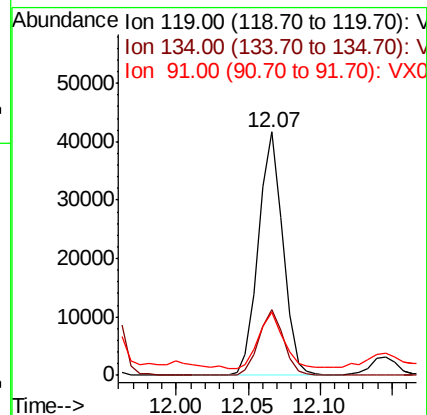
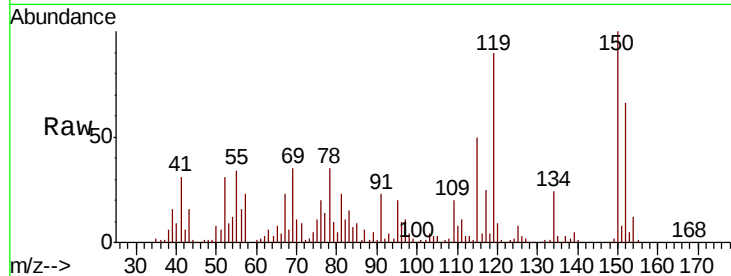




#86
p-Isopropyltoluene
Concen: 4.513 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

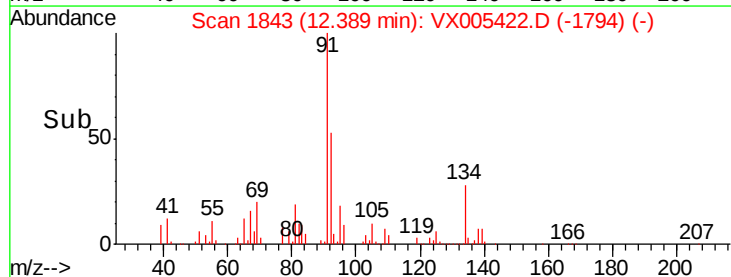
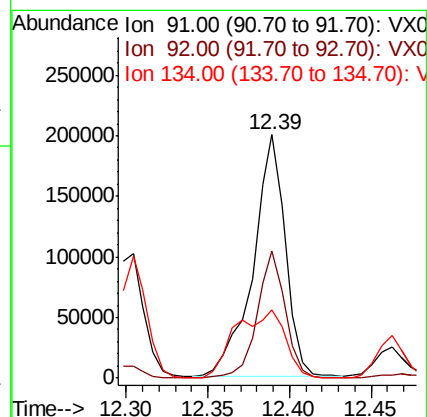
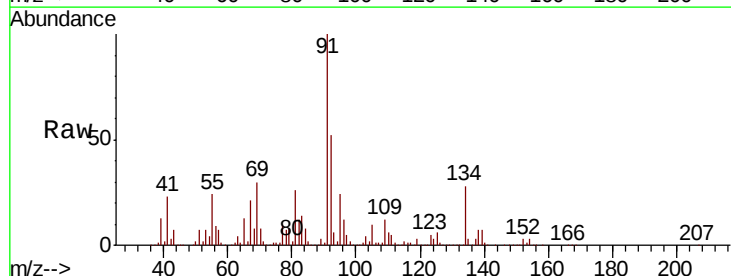
Instrument :
MSVOA_X
ClientSampleId :
SB-1-6-8FTME

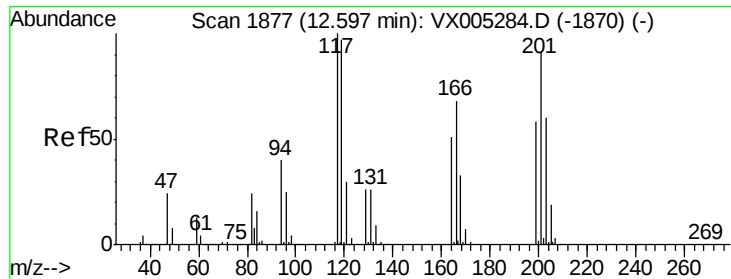
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.2
91	23.4	10.9	32.7



#89
n-Butylbenzene
Concen: 27.979 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	45.5	27.3	81.9
134	43.5	13.6	40.7





#90

Hexachloroethane

Concen: 70.460 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

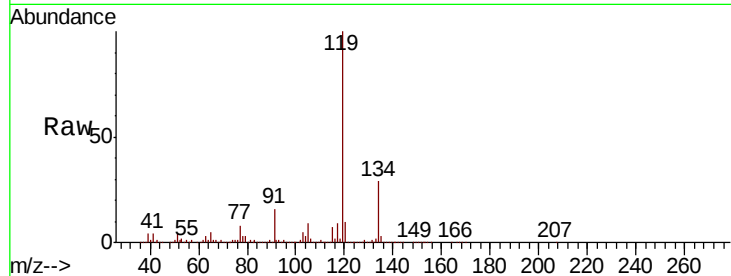
SB-1-6-8FTME

Tot Ion:117 Resp: 130966

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

250000

200000

150000

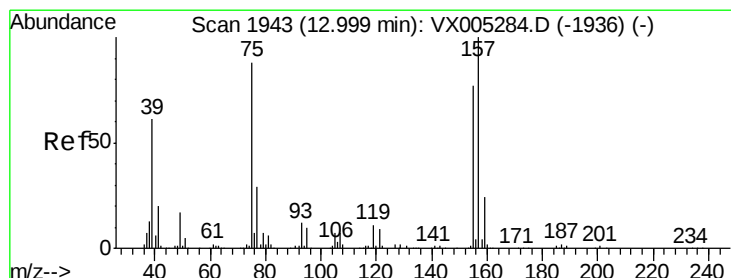
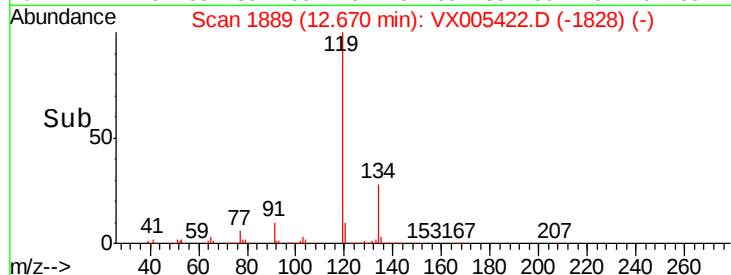
100000

50000

0

12.60 12.65 12.70

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.558 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

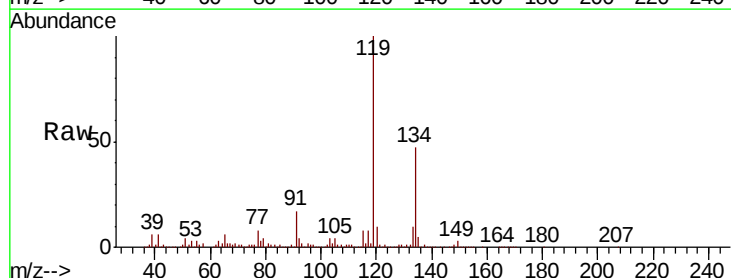
Tgt Ion: 75 Resp: 9157

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

157 0.0 61.4 184.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

8000

6000

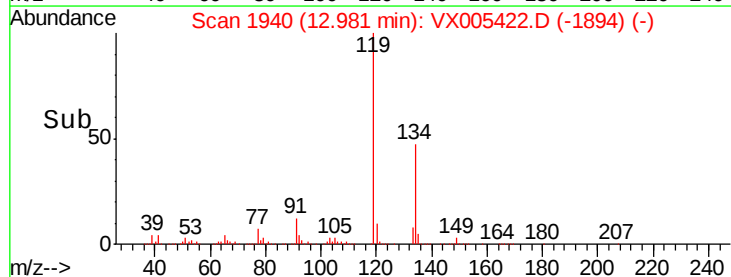
4000

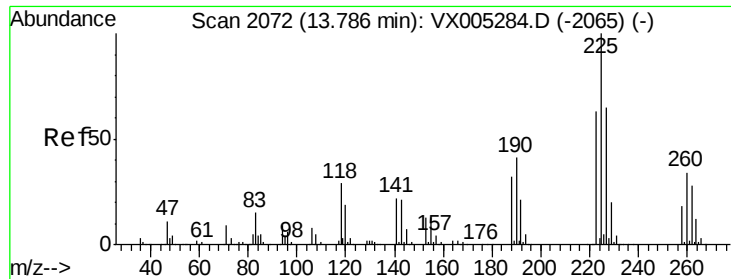
2000

0

12.90 12.95 13.00

Time-->





#94

Hexachlorobutadiene

Concen: 0.277 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

SB-1-6-8FTME

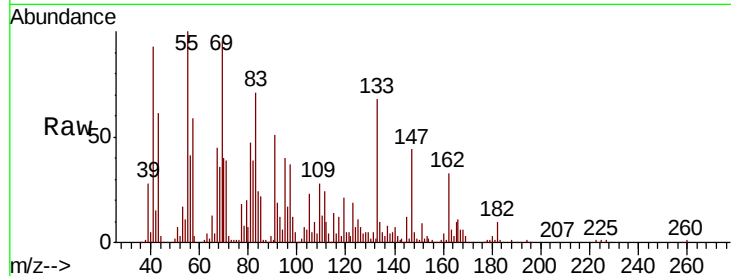
Tot Ion:225 Resp: 680

Ion Ratio Lower Upper

225 100

223 70.9 30.1 90.5

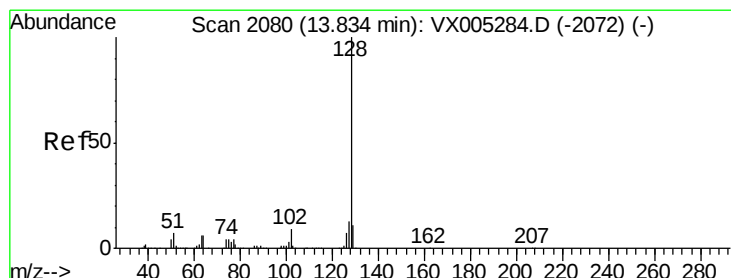
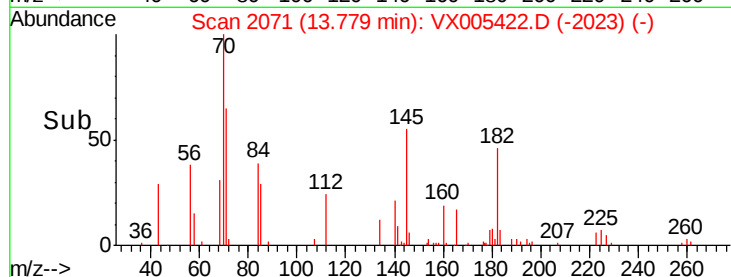
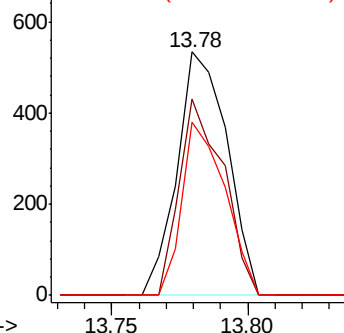
227 61.5 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 104.988 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

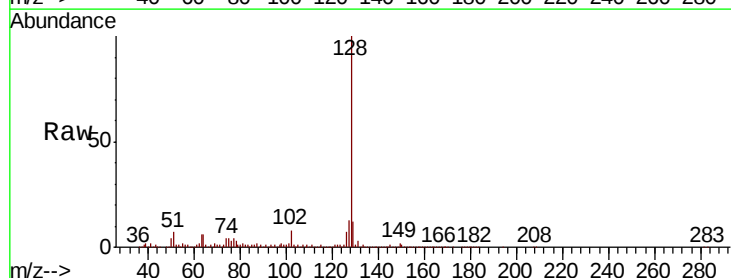
Tgt Ion:128 Resp: 1416192

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

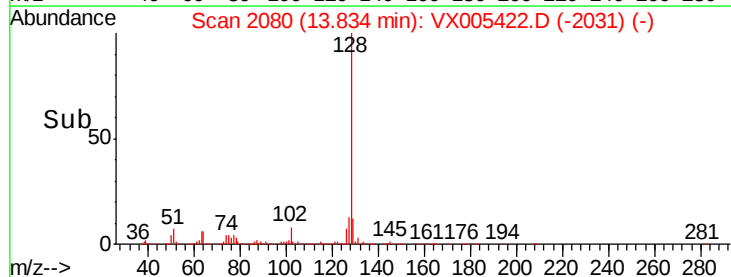
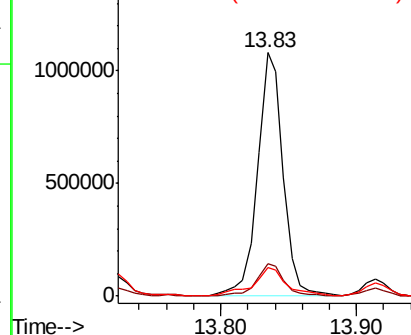
129 15.1 8.6 12.8#

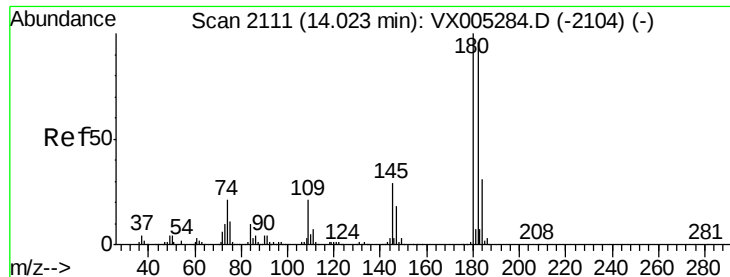


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

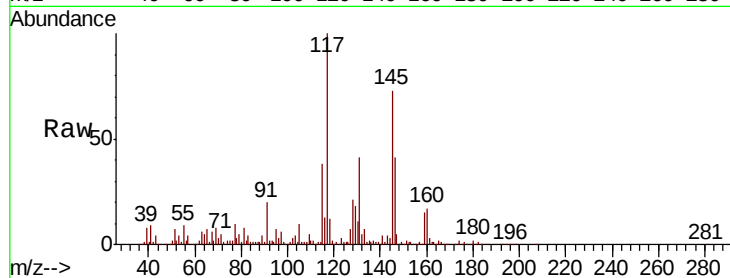




#96
 1,2,3-Trichlorobenzene
 Concen: 1.556 ug/l
 RT: 14.03 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: VX005422.D
 Acq: 18 Oct 2018 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-6-8FTME

Tot Ion:180 Resp: 7404
 Ion Ratio Lower Upper
 180 100
 182 19.9 48.5 145.6#
 145 3538.2 14.9 44.9#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

