

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005883.D
 Acq On : 10 Nov 2018 01:44
 Operator : JC/MD
 Sample : J5889-06
 Misc : 13.07g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WALL-F

Quant Time: Nov 11 23:57:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	140246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	187529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	163876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	86499	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	75435	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
35) Dibromofluoromethane	5.50	113	60173	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
50) Toluene-d8	8.71	98	217354	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.14	95	77202	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	

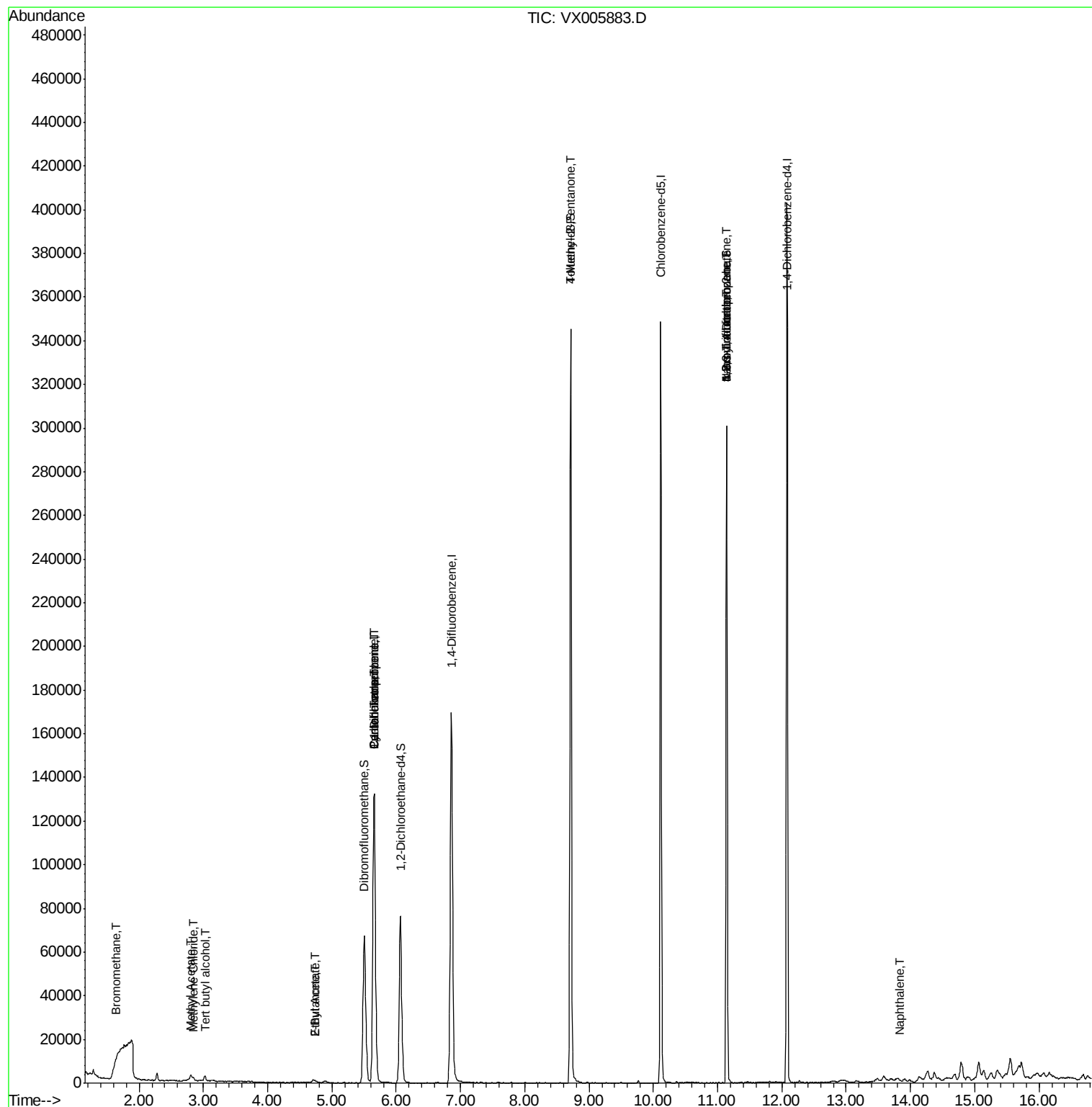
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	439	0.431	ug/l	97
11) Tert butyl alcohol	3.02	59	1933	4.185	ug/l #	72
18) Methyl Acetate	2.81	43	4379	0.411	ug/l	95
20) Methylene Chloride	2.84	84	503	0.353	ug/l #	82
25) 2-Butanone	4.74	43	1009	0.739	ug/l	99
31) Cyclohexane	5.65	56	2440	1.086	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	9597	5.309	ug/l #	48
37) Ethyl Acetate	4.74	43	1009	0.424	ug/l #	69
38) Carbon Tetrachloride	5.66	117	12014	6.638	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	1045	0.481	ug/l #	1
74) N-amyl acetate	11.15	43	41	1.265	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	37517	21.301	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	37517	67.889	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	320	Below Cal		100
95) Naphthalene	13.84	128	534	1.261	ug/l #	77

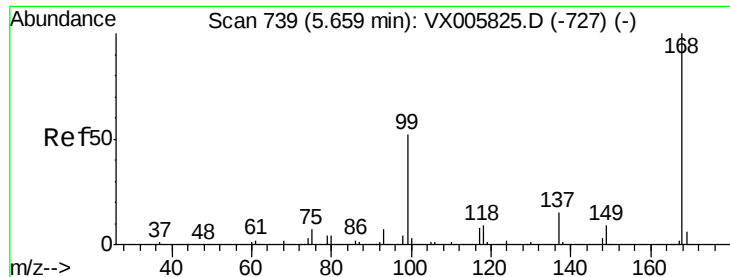
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 11 23:57:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005883.D

Acq: 10 Nov 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

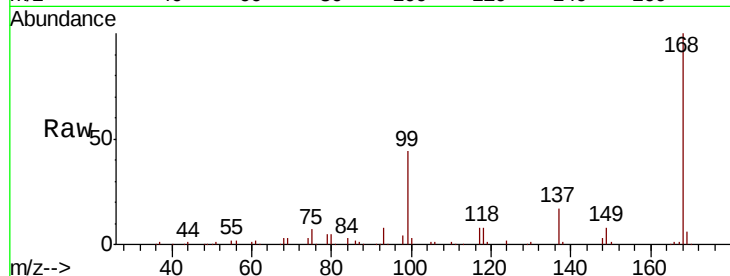
WALL-F

Tot Ion:168 Resp: 140246

Ion Ratio Lower Upper

168 100

99 43.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

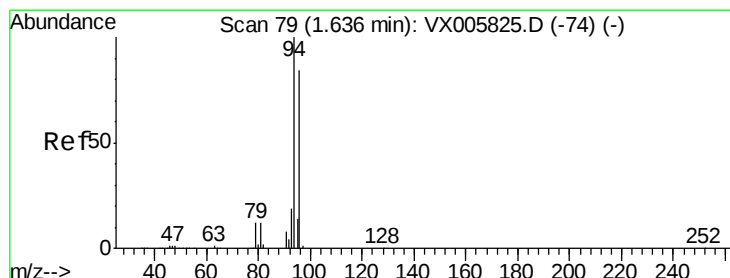
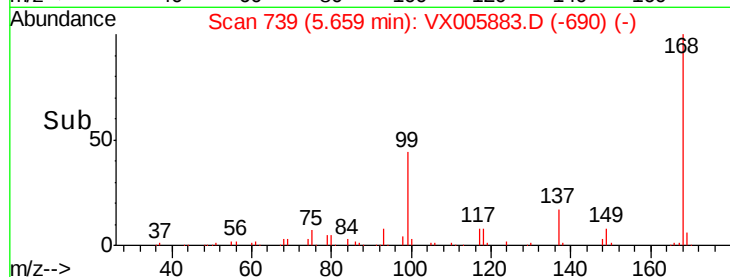
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.431 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005883.D

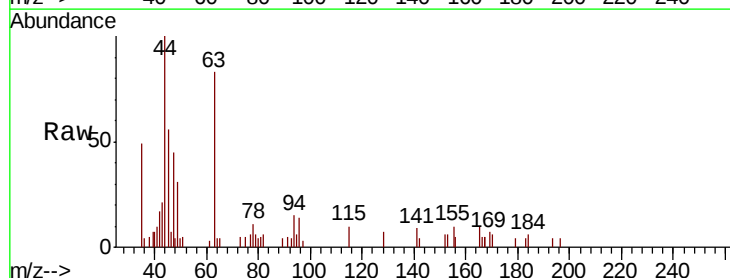
Acq: 10 Nov 2018 01:44

Tgt Ion: 94 Resp: 439

Ion Ratio Lower Upper

94 100

96 91.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

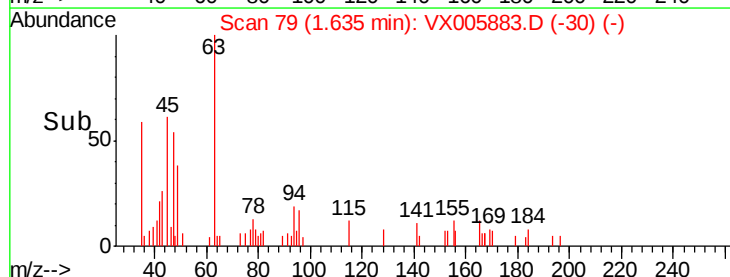
150

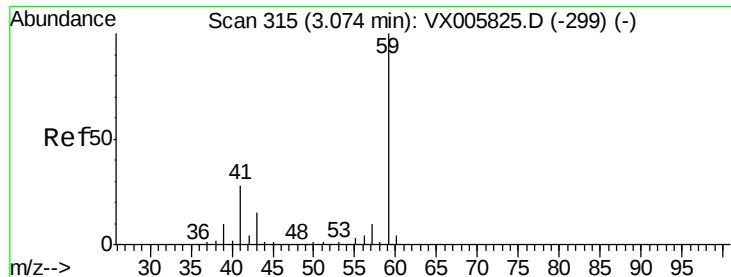
100

50

0

Time--> 1.60 1.65 1.70

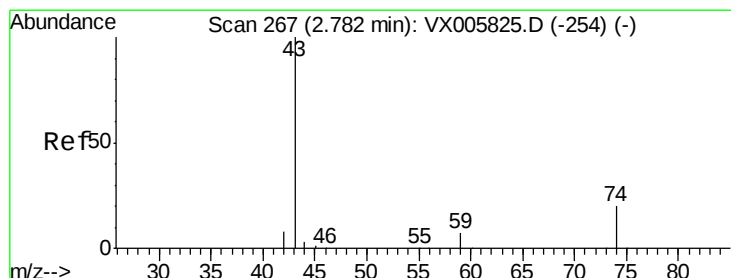
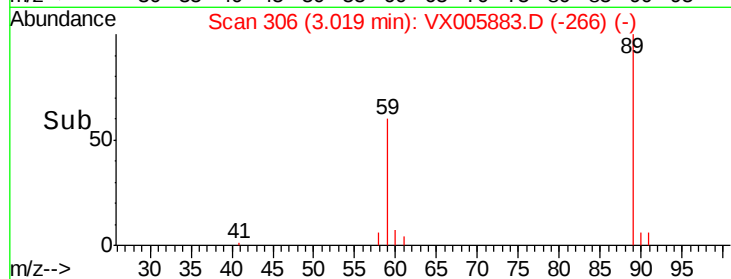
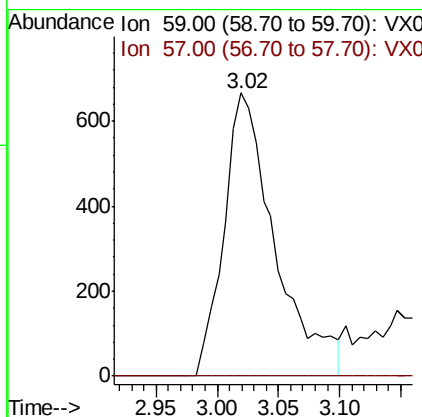
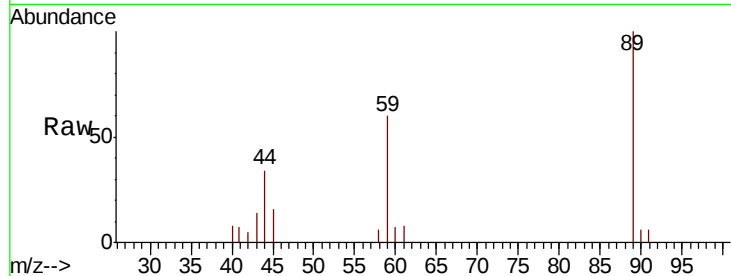




#11
Tert butyl alcohol
Concen: 4.185 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX005883.D
Acq: 10 Nov 2018 01:44

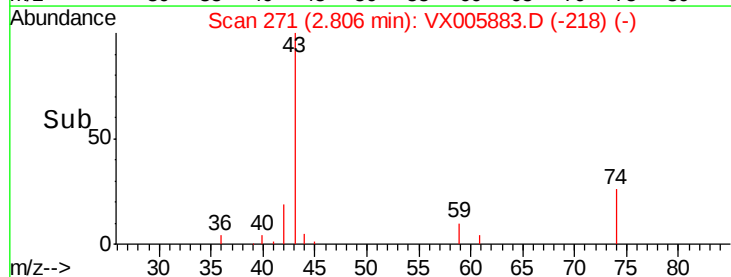
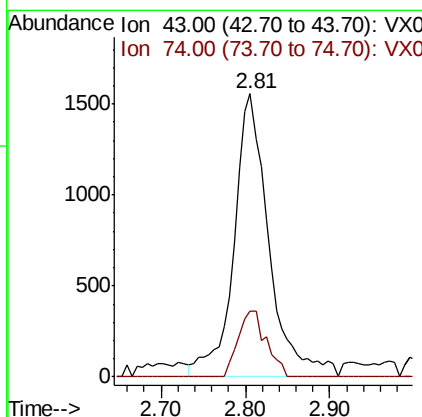
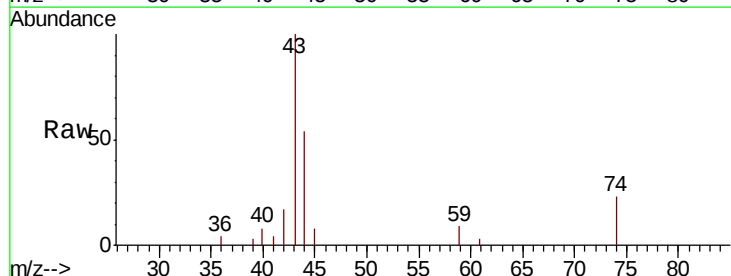
Instrument :
MSVOA_X
ClientSampleId :
WALL-F

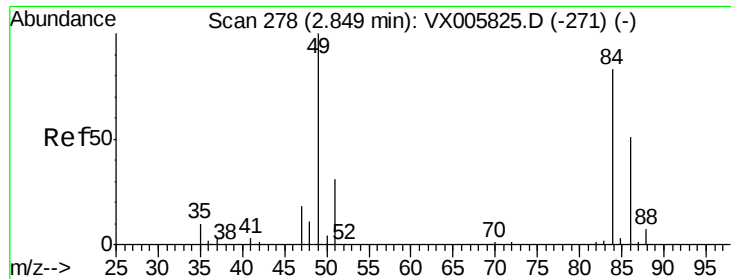
Tot Ion: 59 Resp: 1933
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#18
Methyl Acetate
Concen: 0.411 ug/l
RT: 2.81 min Scan# 271
Delta R.T. 0.02 min
Lab File: VX005883.D
Acq: 10 Nov 2018 01:44

Tgt Ion: 43 Resp: 4379
Ion Ratio Lower Upper
43 100
74 18.5 16.8 25.2

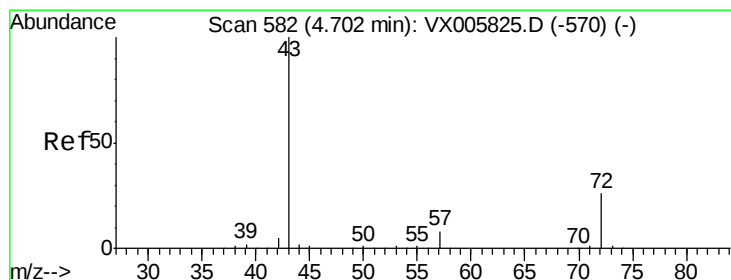
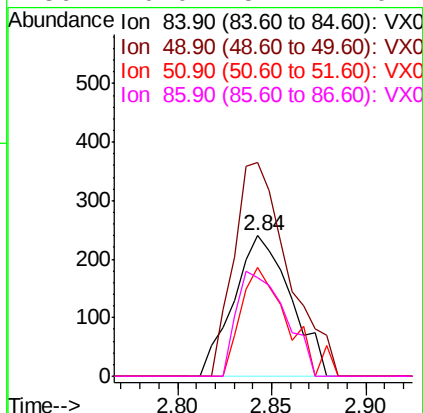
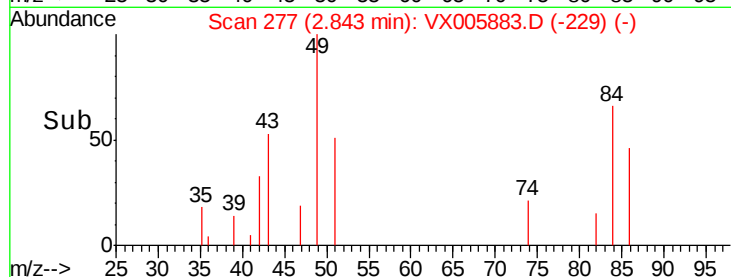
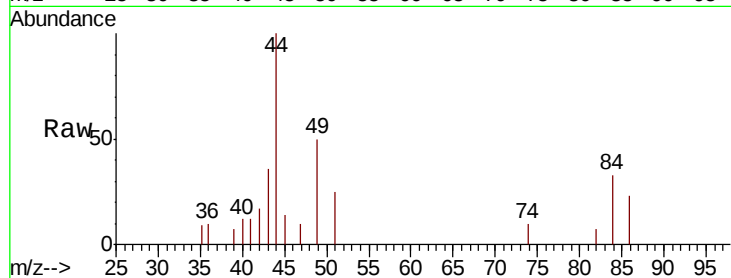




#20
Methvlene Chloride
Concen: 0.353 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX005883.D
Acq: 10 Nov 2018 01:44

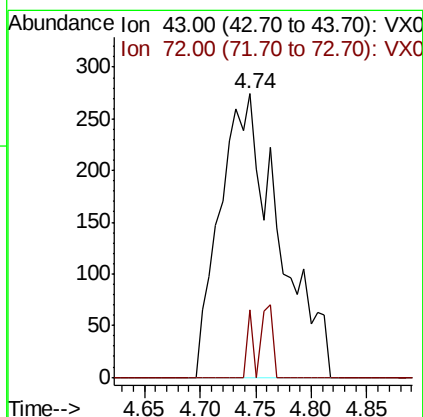
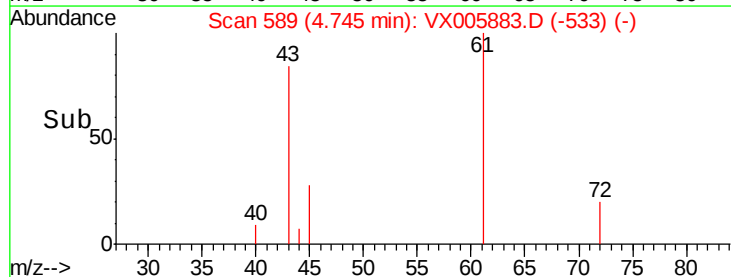
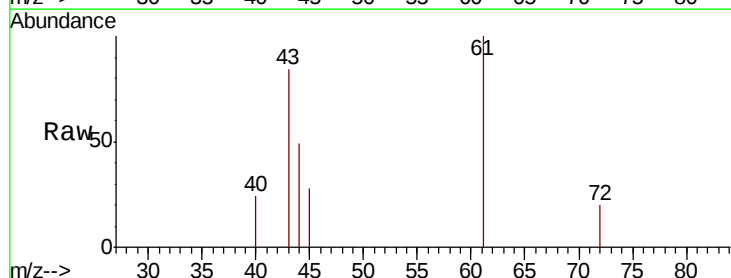
Instrument :
MSVOA_X
ClientSampleId :
WALL-F

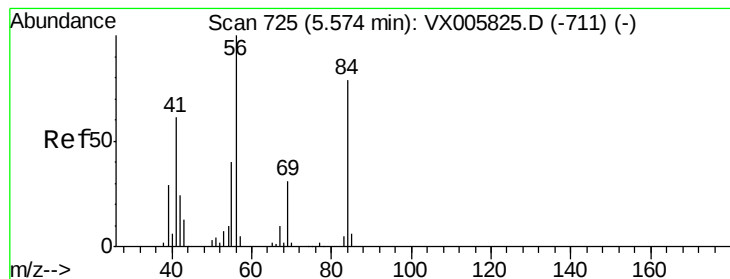
Tot Ion:	84	Resp:	503
Ion	Ratio	Lower	Upper
84	100		
49	152.1	109.5	164.3
51	77.5	33.3	49.9#
86	70.0	52.7	79.1



#25
2-Butanone
Concen: 0.739 ug/l
RT: 4.74 min Scan# 589
Delta R.T. 0.04 min
Lab File: VX005883.D
Acq: 10 Nov 2018 01:44

Tgt Ion:	43	Resp:	1009
Ion	Ratio	Lower	Upper
43	100		
72	23.7	19.2	28.8





#31

Cyclohexane

Concen: 1.086 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.08 min

Lab File: VX005883.D

Acq: 10 Nov 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

WALL-F

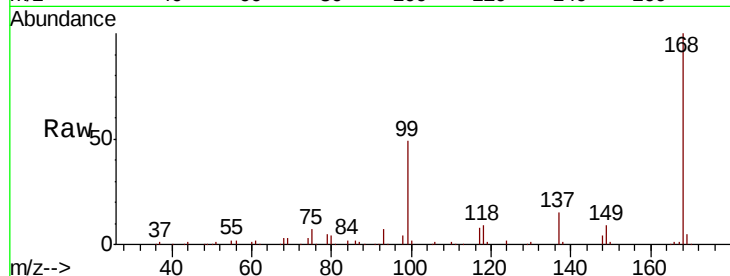
Tot Ion: 56 Resp: 2440

Ion Ratio Lower Upper

56 100

69 161.3 22.6 34.0#

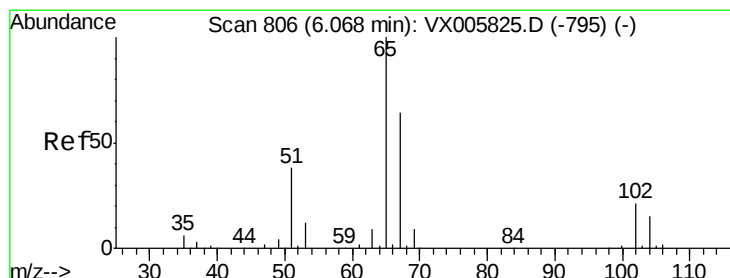
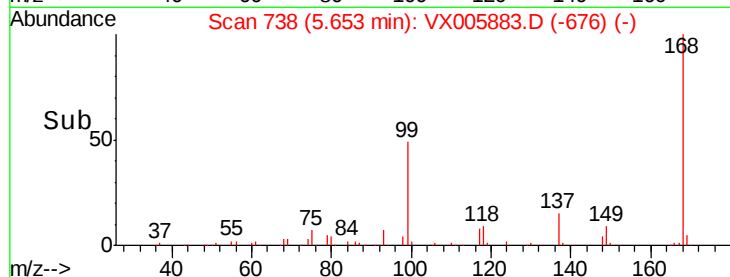
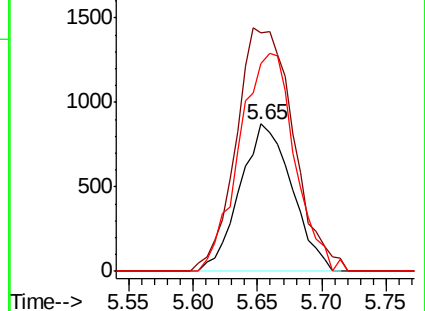
84 141.2 62.7 94.1#



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: 46.787 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005883.D

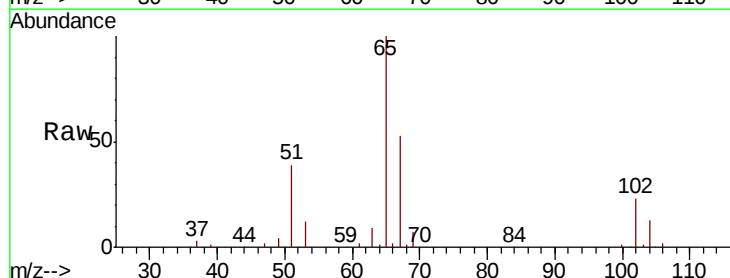
Acq: 10 Nov 2018 01:44

Tgt Ion: 65 Resp: 75435

Ion Ratio Lower Upper

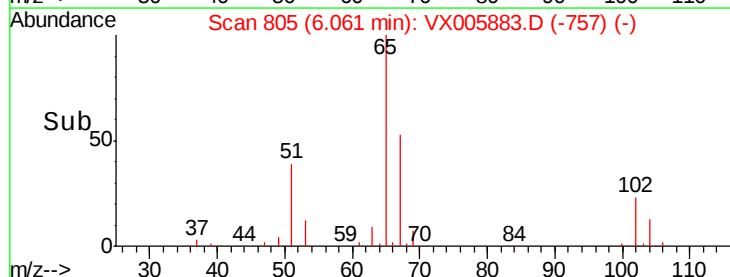
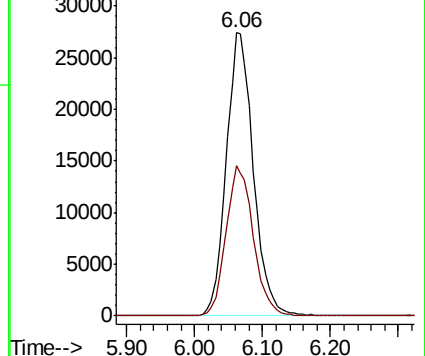
65 100

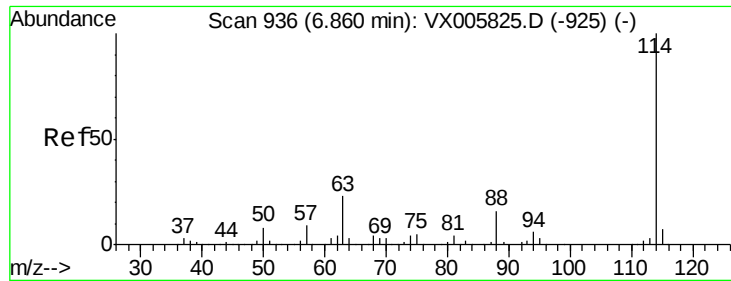
67 53.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

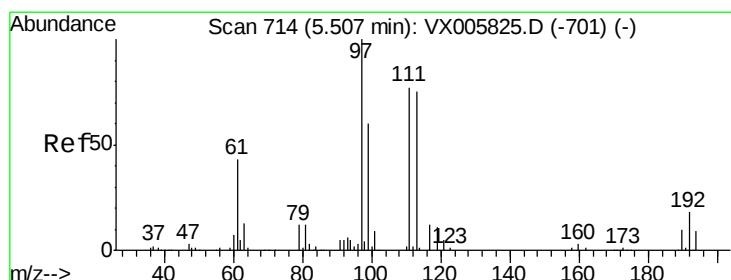
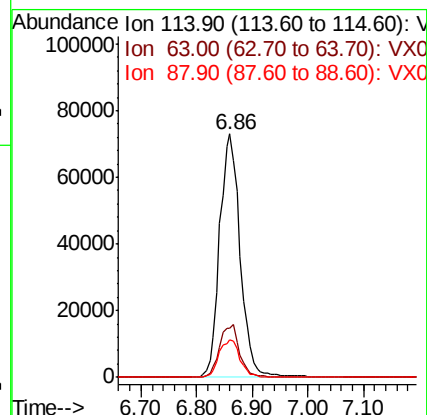
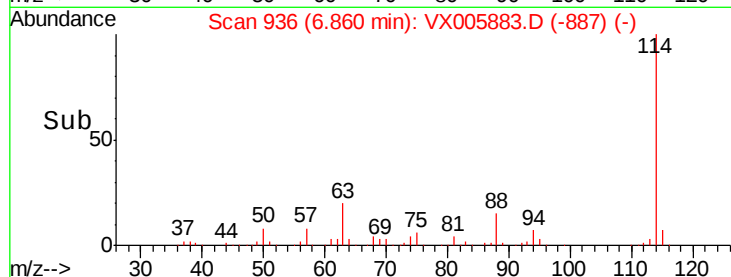
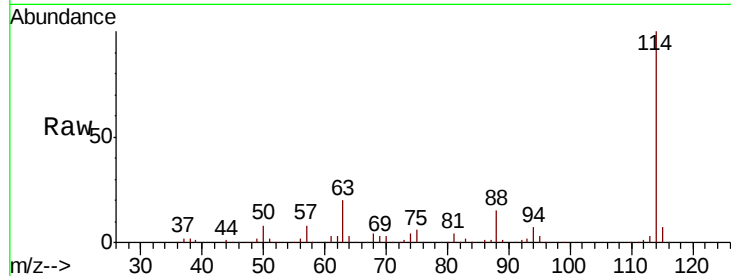




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005883.D
Acq: 10 Nov 2018 01:44

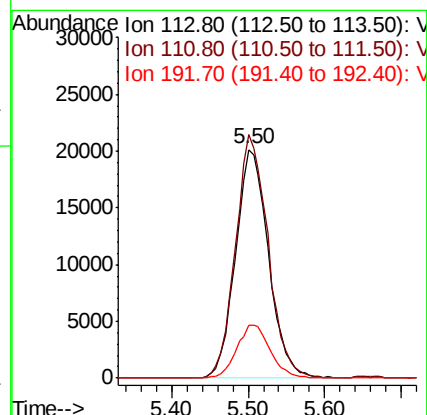
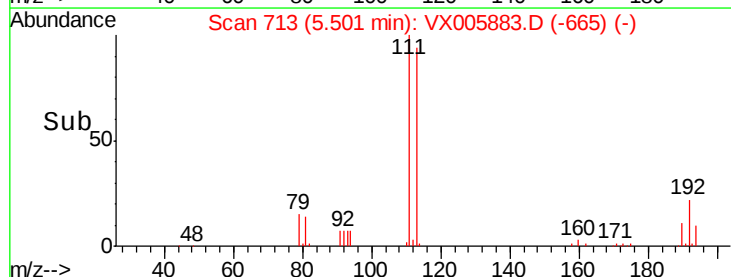
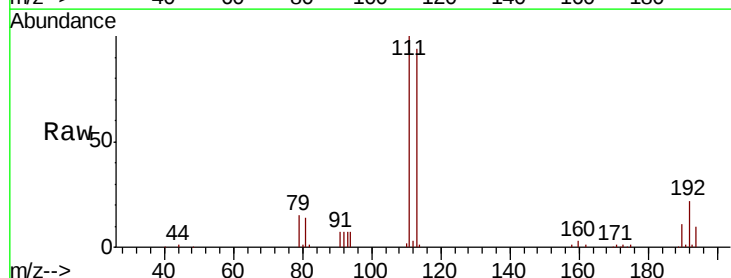
Instrument :
MSVOA_X
ClientSampleId :
WALL-F

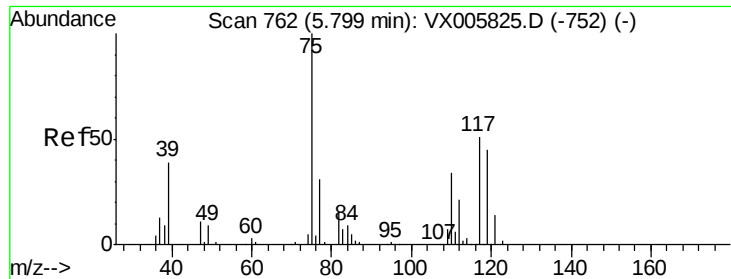
Tot Ion:114 Resp: 187529
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 15.3 0.0 31.2



#35
Dibromofluoromethane
Concen: 47.177 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005883.D
Acq: 10 Nov 2018 01:44

Tgt Ion:113 Resp: 60173
Ion Ratio Lower Upper
113 100
111 105.2 82.3 123.5
192 23.5 17.9 26.9





#36

1,1-Dichloropropene

Concen: 5.309 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005883.D

Acq: 10 Nov 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

WALL-F

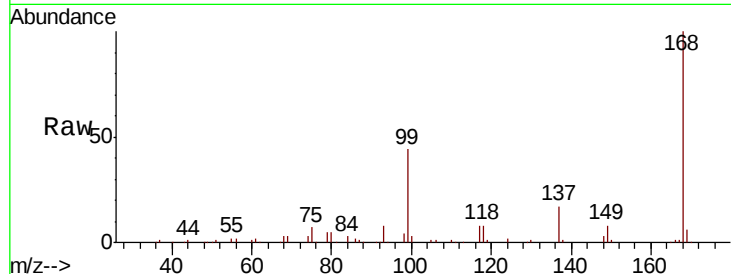
Tot Ion: 75 Resp: 9597

Ion Ratio Lower Upper

75 100

110 8.0 17.4 52.2#

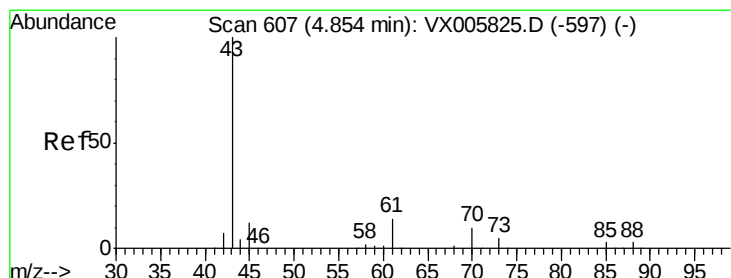
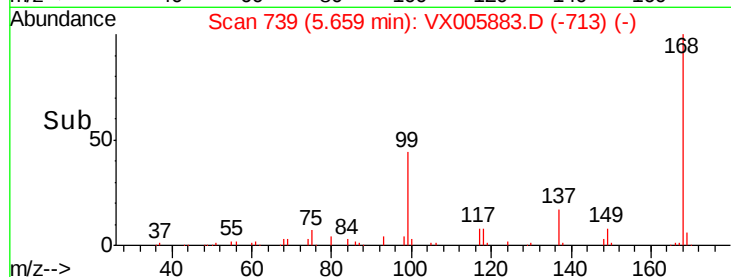
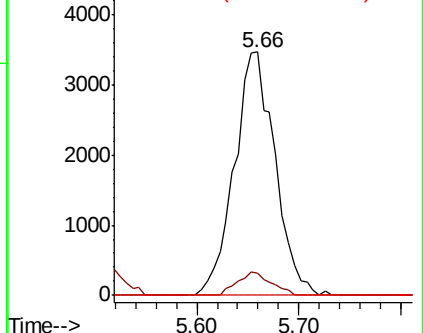
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.424 ug/l

RT: 4.74 min Scan# 589

Delta R.T. -0.11 min

Lab File: VX005883.D

Acq: 10 Nov 2018 01:44

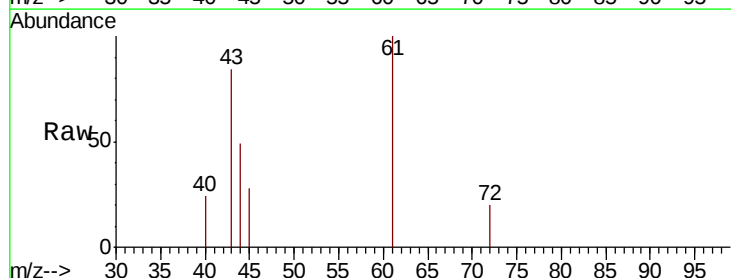
Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

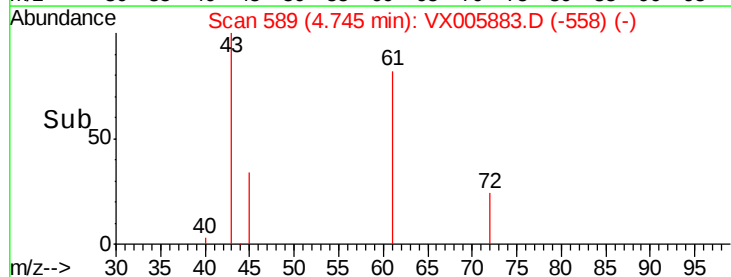
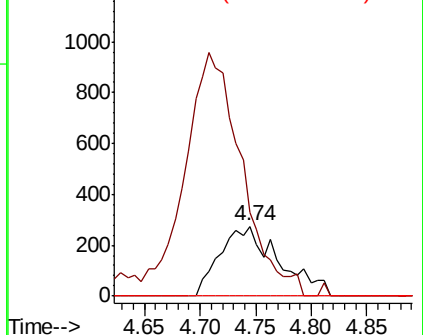
70 0.0 7.8 11.8#

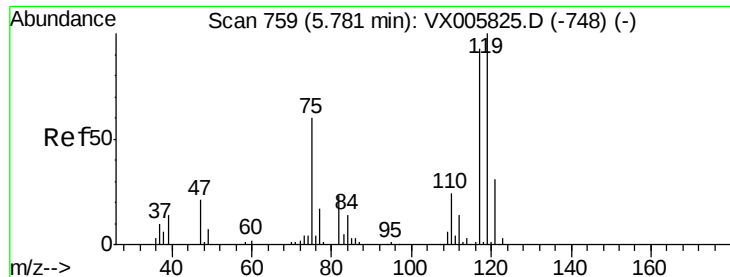


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.638 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005883.D

Acq: 10 Nov 2018 01:44

Instrument :

MSVOA_X

ClientSampled :

WALL-F

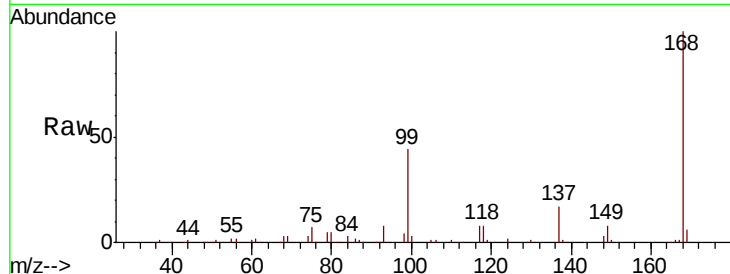
Tot Ion:117 Resp: 12014

Ion Ratio Lower Upper

117 100

119 6.3 78.1 117.1#

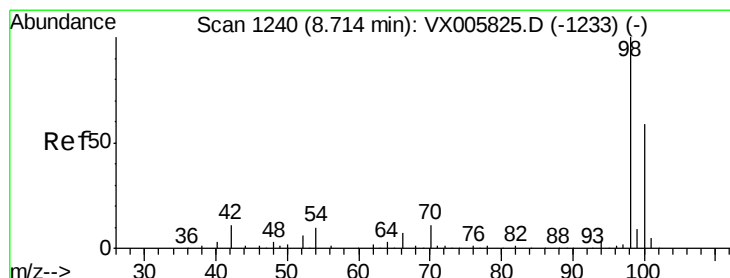
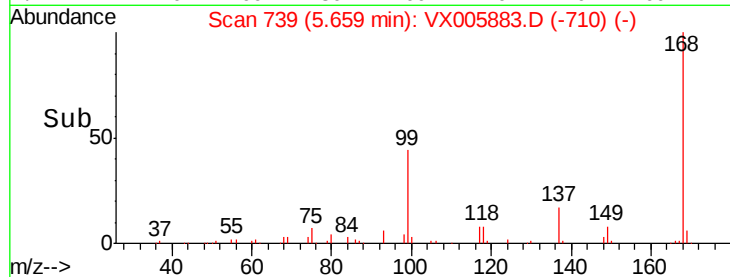
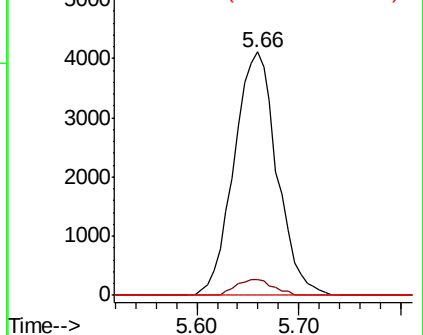
121 0.0 24.6 36.8#



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



#50

Toluene-d8

Concen: 51.258 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005883.D

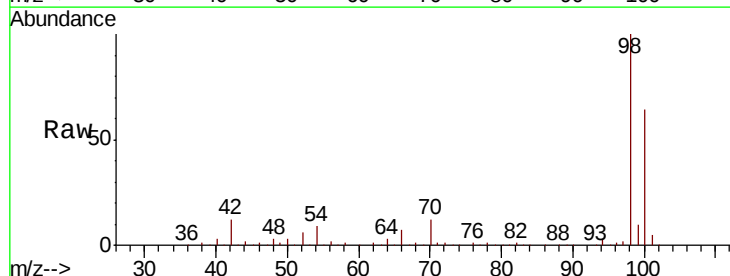
Acq: 10 Nov 2018 01:44

Tgt Ion: 98 Resp: 217354

Ion Ratio Lower Upper

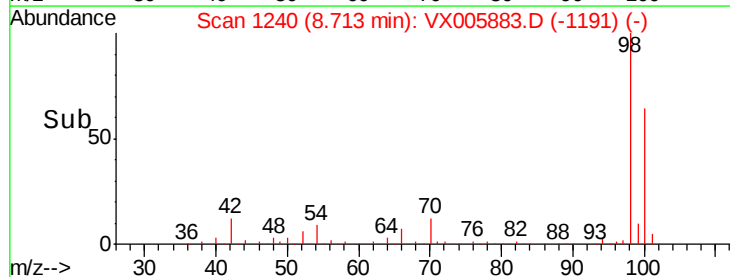
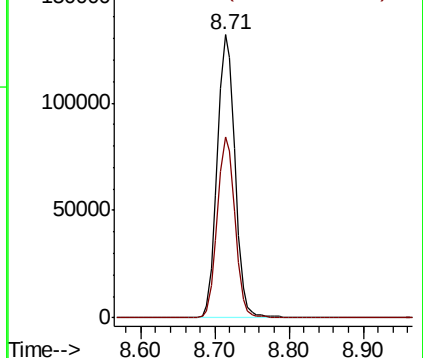
98 100

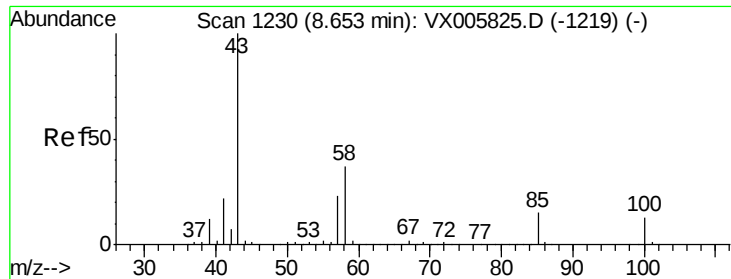
100 63.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.06 min

Lab File: VX005883.D

Acq: 10 Nov 2018 01:44

Instrument :

MSVOA_X

ClientSampled :

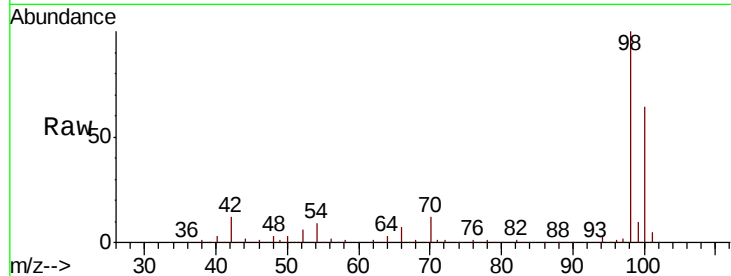
WALL-F

Tot Ion: 43 Resp: 1045

Ion Ratio Lower Upper

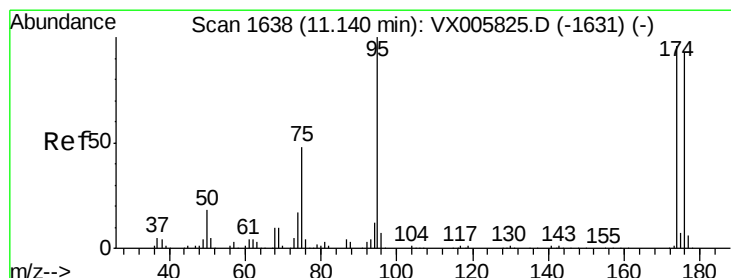
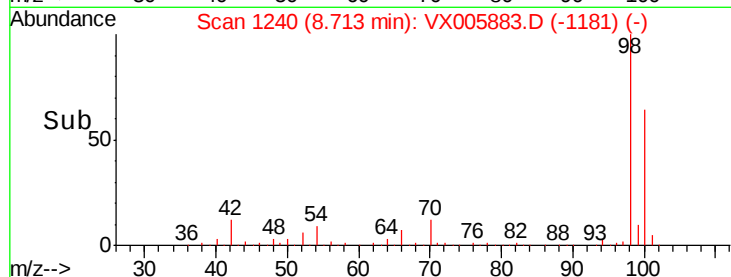
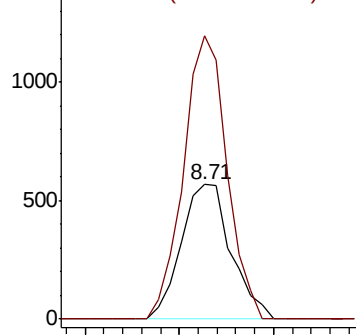
43 100

58 182.5 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 50.638 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005883.D

Acq: 10 Nov 2018 01:44

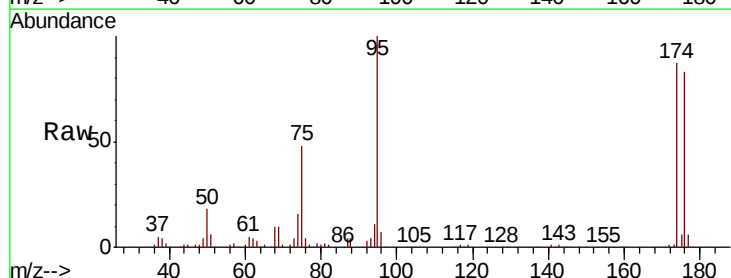
Tgt Ion: 95 Resp: 77202

Ion Ratio Lower Upper

95 100

174 91.2 0.0 184.4

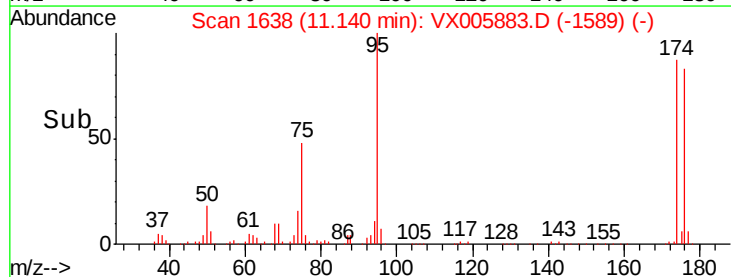
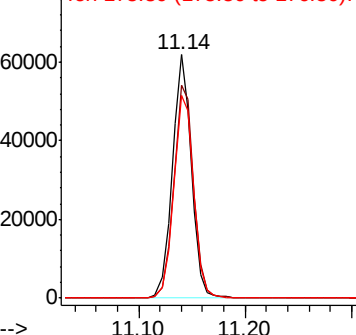
176 87.5 0.0 177.4

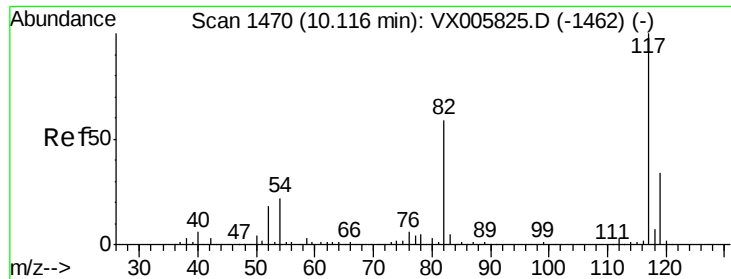


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

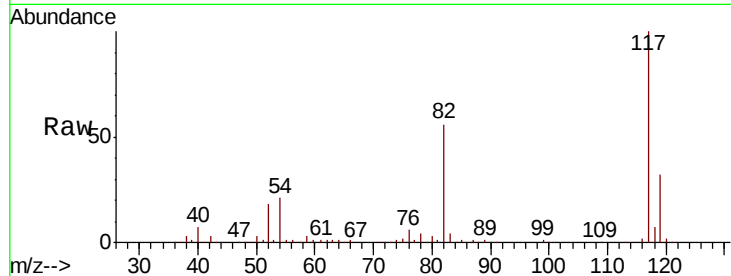




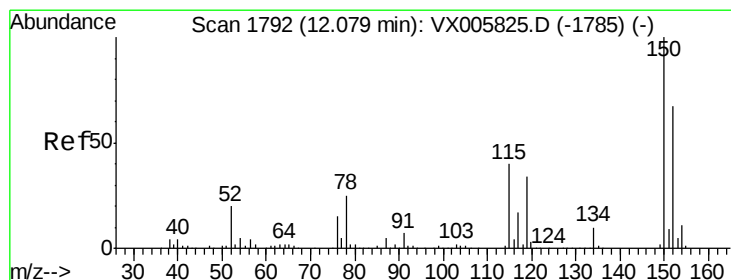
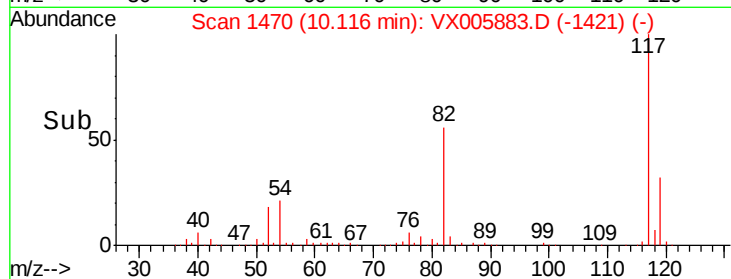
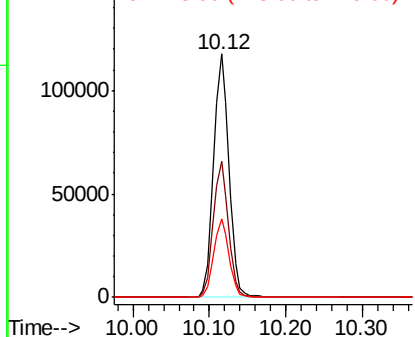
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005883.D
Acq: 10 Nov 2018 01:44

Instrument :
MSVOA_X
ClientSampleId :
WALL-F

Tot Ion:117 Resp: 163876
Ion Ratio Lower Upper
117 100
82 55.9 44.1 66.1
119 32.1 26.2 39.2

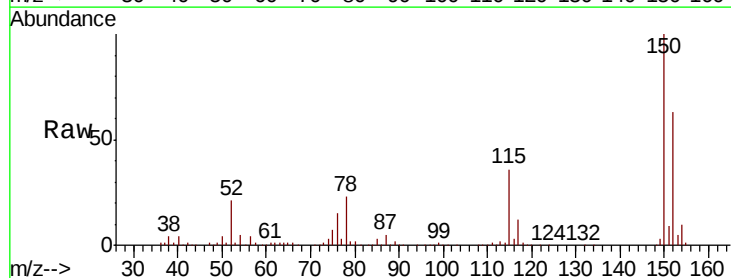


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

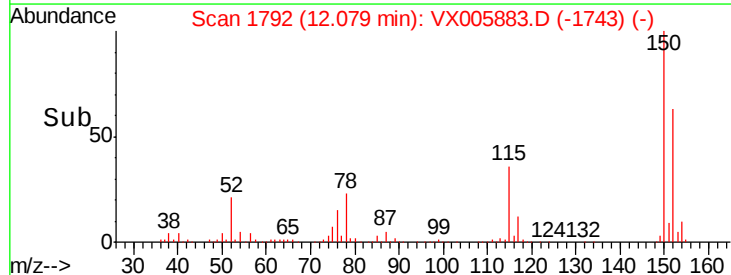
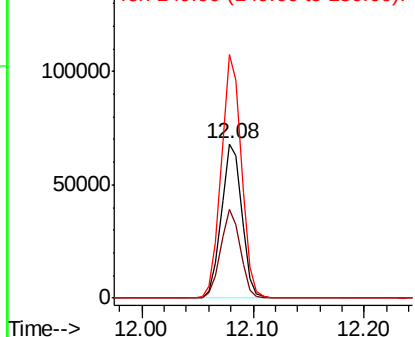


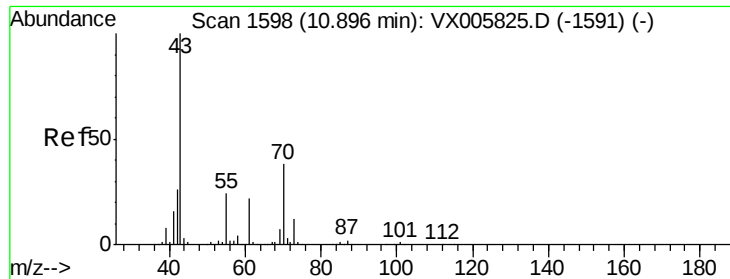
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005883.D
Acq: 10 Nov 2018 01:44

Tgt Ion:152 Resp: 86499
Ion Ratio Lower Upper
152 100
115 55.4 39.4 118.1
150 155.3 0.0 346.4



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





#74

N-amvl acetate

Concen: 1.265 ug/l

RT: 11.15 min Scan# 1639

Delta R.T. 0.25 min

Lab File: VX005883.D

Acq: 10 Nov 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

WALL-F

Tot Ion: 43 Resp: 41

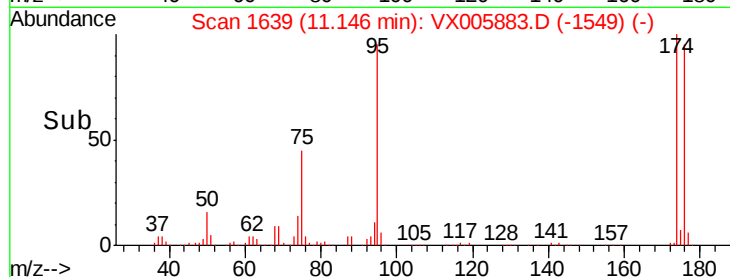
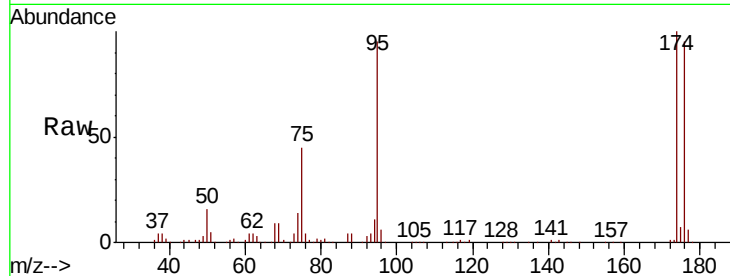
Ion Ratio Lower Upper

43 100

70 1522.0 31.6 47.4#

55 548.8 19.7 29.5#

61 8302.4 18.3 27.5#

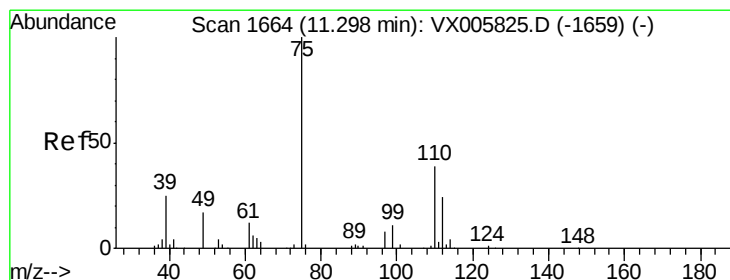
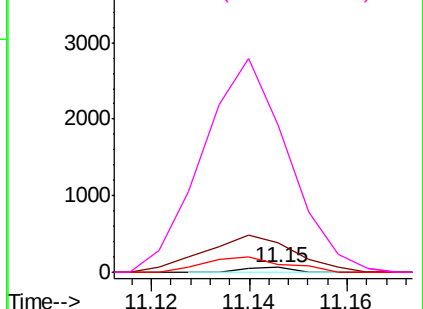


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 21.301 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005883.D

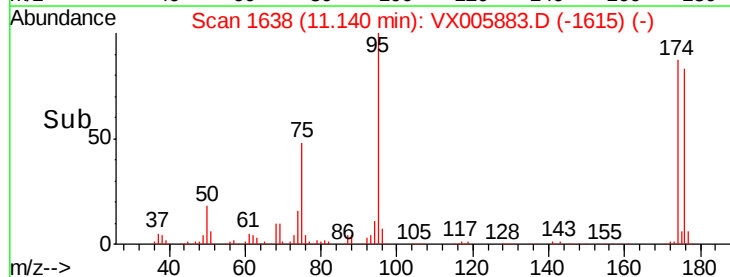
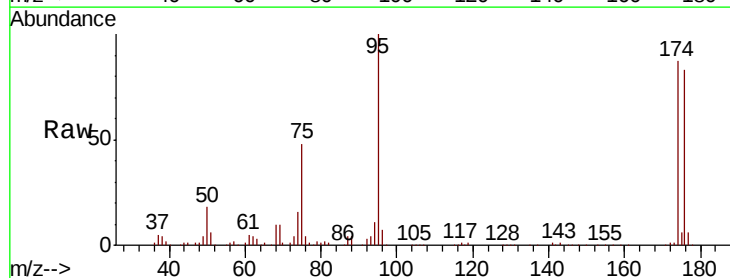
Acq: 10 Nov 2018 01:44

Tgt Ion: 75 Resp: 37517

Ion Ratio Lower Upper

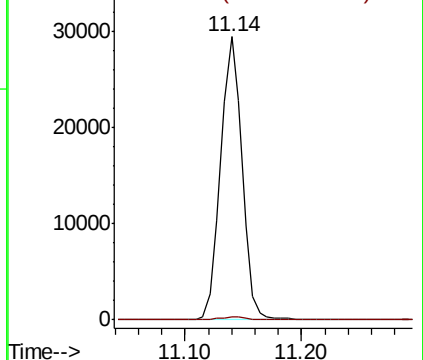
75 100

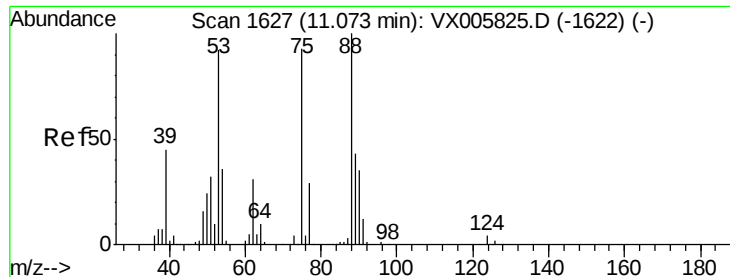
77 1.2 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 67.889 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005883.D

Acq: 10 Nov 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

WALL-F

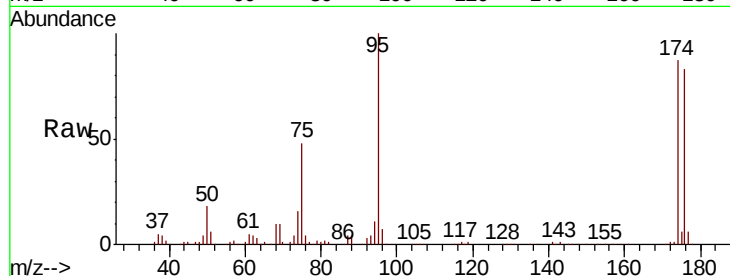
Tot Ion: 75 Resp: 37517

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

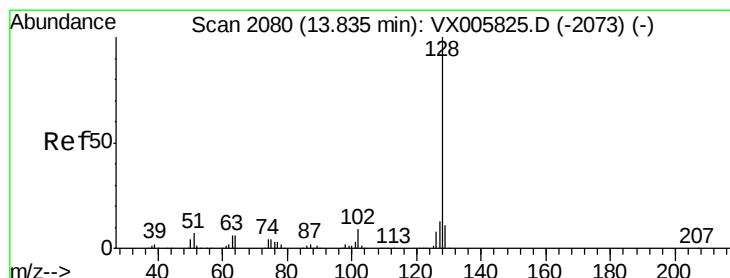
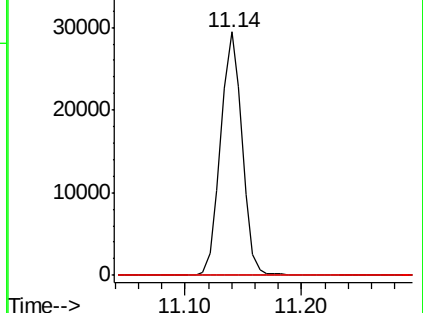
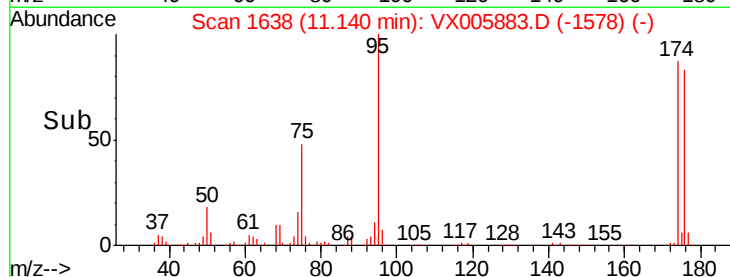
89 0.0 39.8 59.8#



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



#95

Naphthalene

Concen: 1.261 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX005883.D

Acq: 10 Nov 2018 01:44

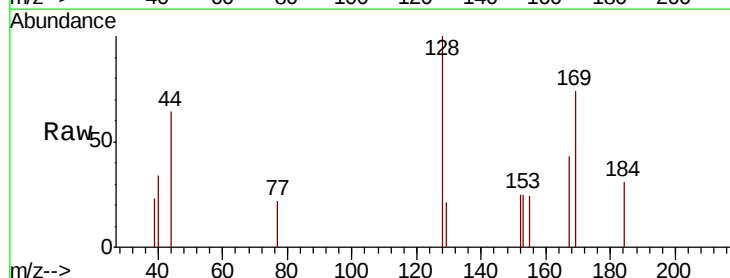
Tgt Ion:128 Resp: 534

Ion Ratio Lower Upper

128 100

127 3.7 10.4 15.6#

129 19.7 8.7 13.1#



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

