

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005881.D
 Acq On : 10 Nov 2018 00:51
 Operator : JC/MD
 Sample : J5889-04
 Misc : 11.32g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WALL-D

Quant Time: Nov 11 23:57:13 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	128288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	86221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	74502	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	5.50	113	58288	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
50) Toluene-d8	8.71	98	219972	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	11.14	95	79931	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	

Target Compounds

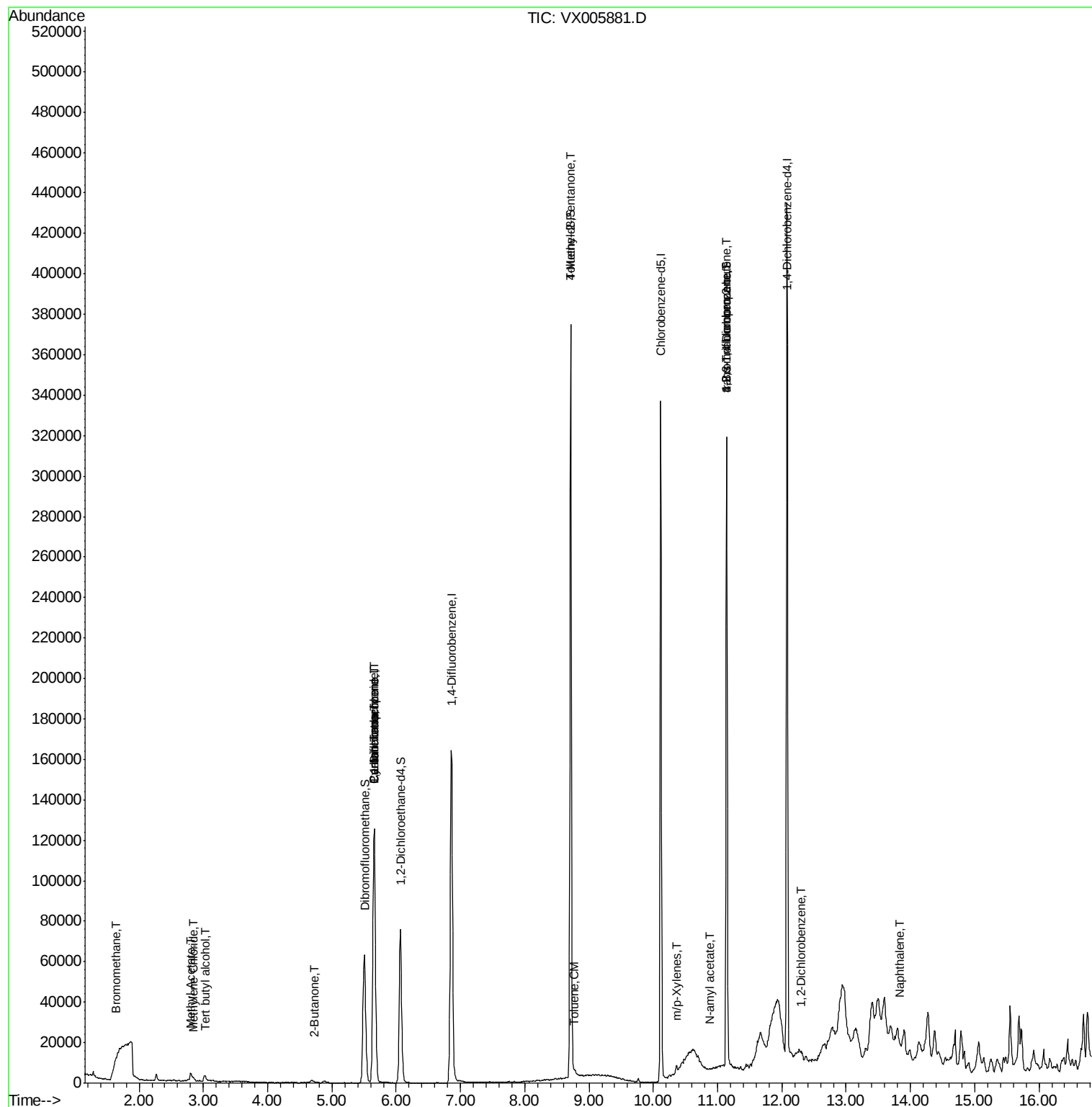
						Qvalue
5) Bromomethane	1.64	94	457	0.490	ug/l	98
11) Tert butyl alcohol	3.02	59	2237	5.295	ug/l #	72
18) Methyl Acetate	2.81	43	6564	1.650	ug/l	98
20) Methylene Chloride	2.84	84	516	0.396	ug/l	95
25) 2-Butanone	4.73	43	805	0.645	ug/l #	51
31) Cyclohexane	5.65	56	2340	1.139	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	8445	4.808	ug/l #	48
38) Carbon Tetrachloride	5.65	117	11249	6.397	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	997	0.473	ug/l #	1
52) Toluene	8.78	92	670	0.234	ug/l	91
68) m/p-Xylenes	10.36	106	791	0.406	ug/l	96
74) N-amyl acetate	10.88	43	53	1.269	ug/l #	72
76) 1,2,3-Trichloropropane	11.14	75	39960	22.761	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	39960	72.542	ug/l #	9
91) 1,2-Dichlorobenzene	12.30	146	4439	1.643	ug/l #	25
95) Naphthalene	13.83	128	2530	1.576	ug/l #	91

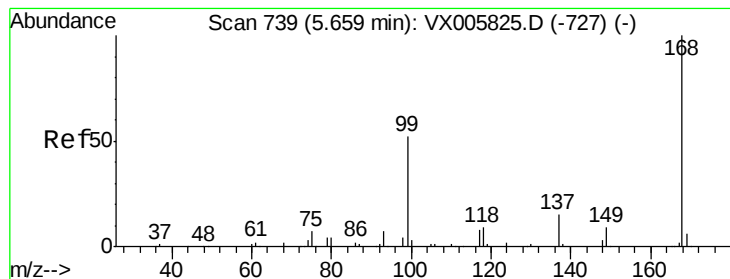
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\
Data File : VX005881.D
Acq On : 10 Nov 2018 00:51
Operator : JC/MD
Sample : J5889-04
Misc : 11.32g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WALL-D

Quant Time: Nov 11 23:57:13 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: VX005881.D

Acq: 10 Nov 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

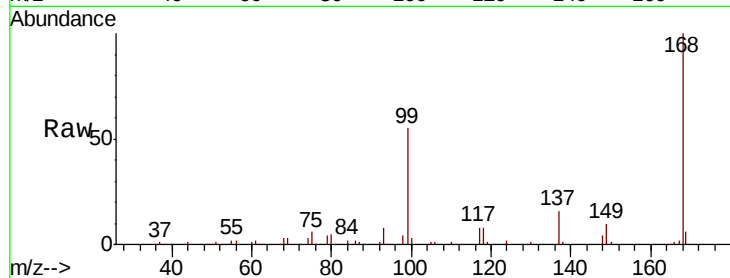
WALL-D

Tot Ion:168 Resp: 128288

Ion Ratio Lower Upper

168 100

99 55.3 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

40000

30000

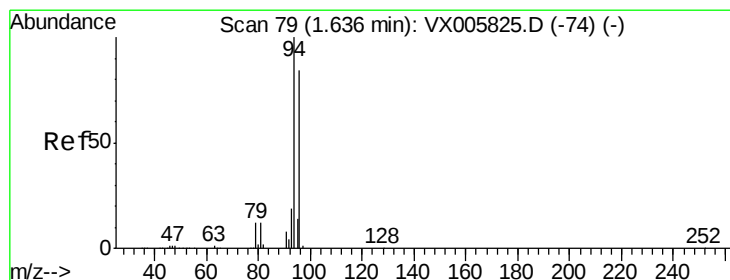
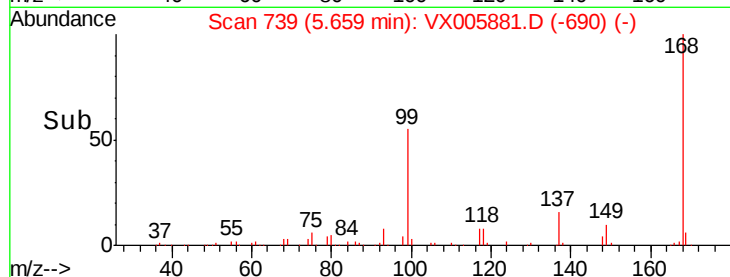
20000

10000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.490 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005881.D

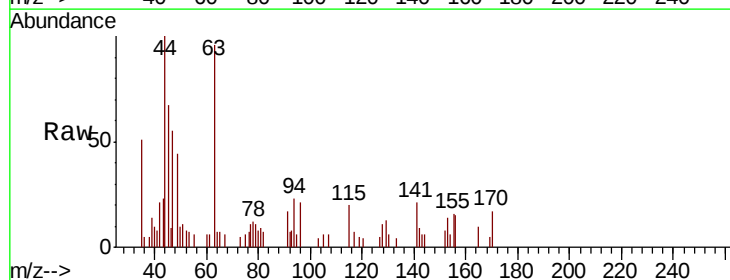
Acq: 10 Nov 2018 00:51

Tgt Ion: 94 Resp: 457

Ion Ratio Lower Upper

94 100

96 92.3 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

300

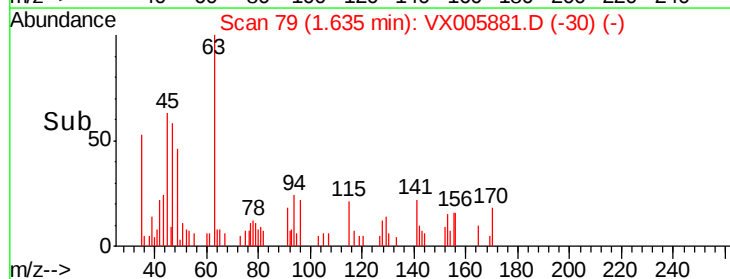
200

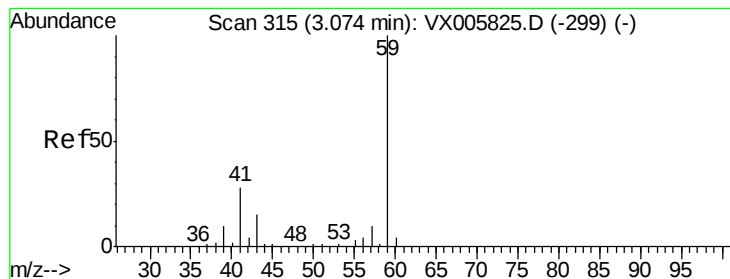
100

0

Time-->

1.60 1.65



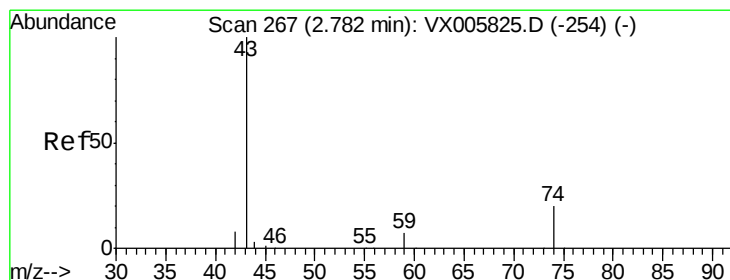
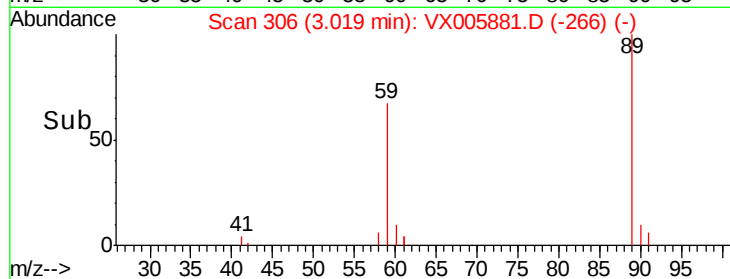
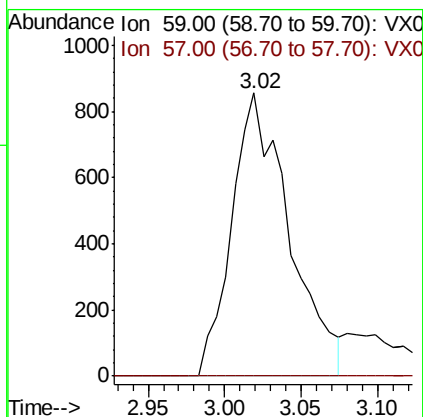
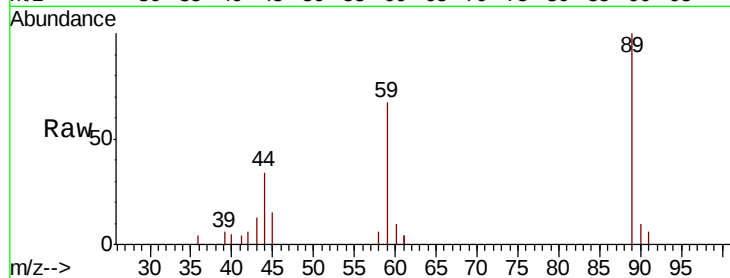


#11

Tert butyl alcohol
 Concen: 5.295 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX005881.D
 Acq: 10 Nov 2018 00:51

Instrument :
 MSVOA_X
 ClientSampleId :
 WALL-D

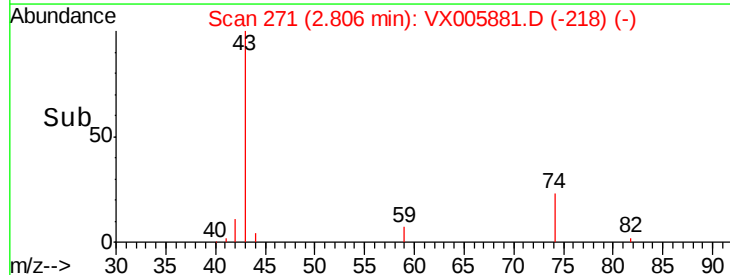
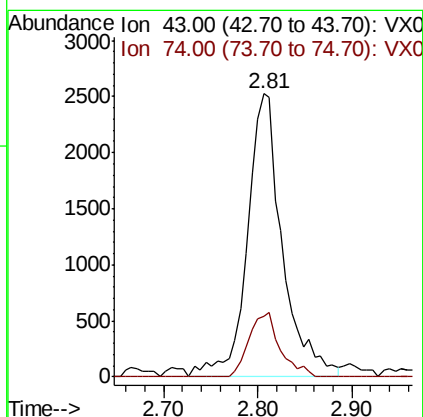
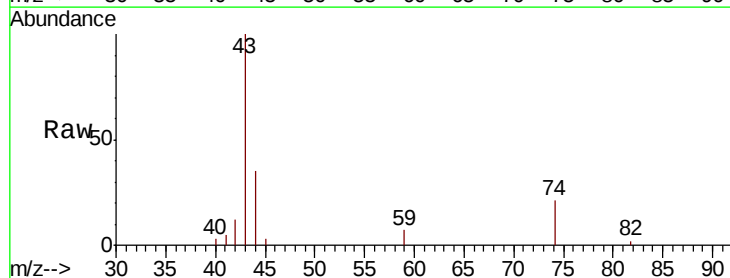
Tot Ion: 59 Resp: 2237
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

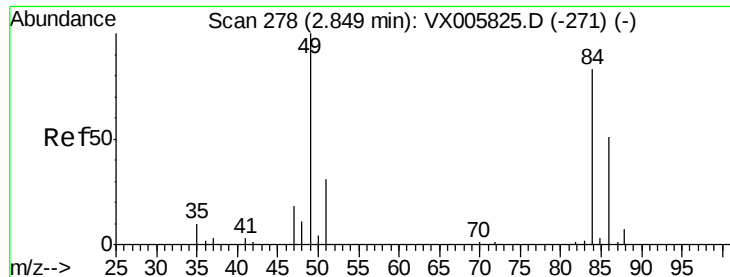


#18

Methyl Acetate
 Concen: 1.650 ug/l
 RT: 2.81 min Scan# 271
 Delta R.T. 0.02 min
 Lab File: VX005881.D
 Acq: 10 Nov 2018 00:51

Tgt Ion: 43 Resp: 6564
 Ion Ratio Lower Upper
 43 100
 74 20.1 16.8 25.2

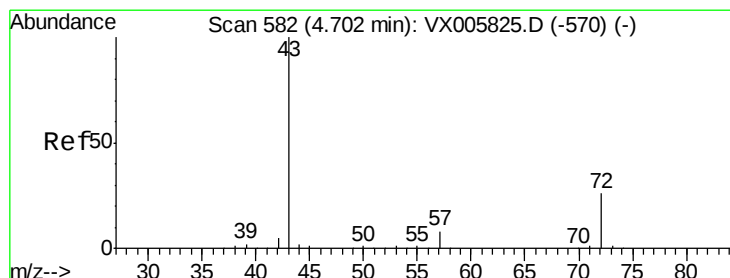
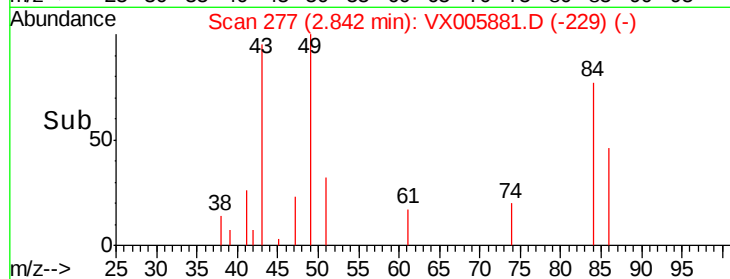
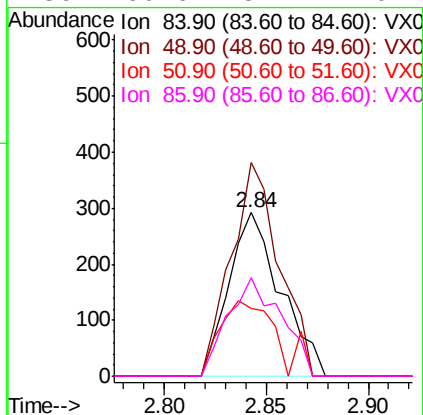
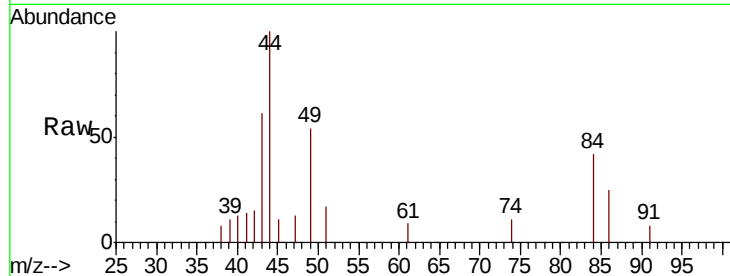




#20
Methvlene Chloride
Concen: 0.396 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX005881.D
Acq: 10 Nov 2018 00:51

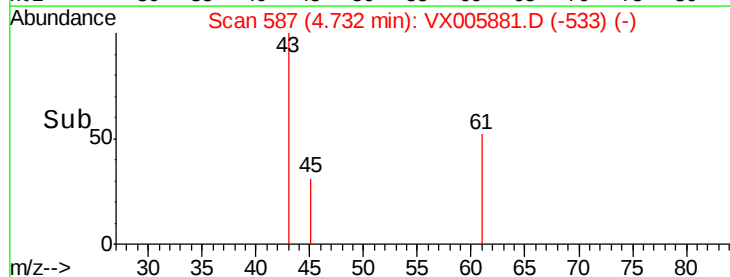
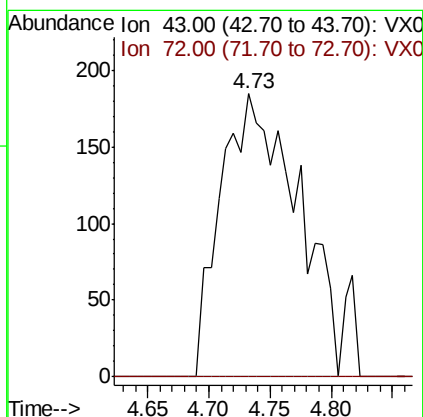
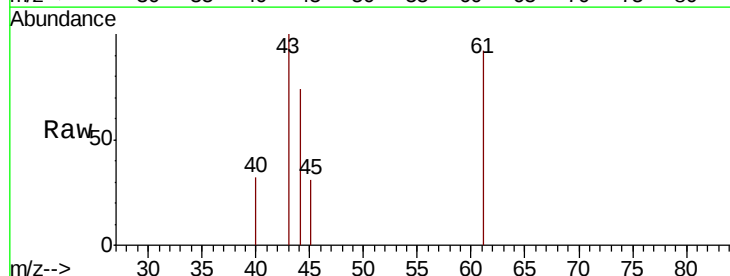
Instrument :
MSVOA_X
ClientSampleId :
WALL-D

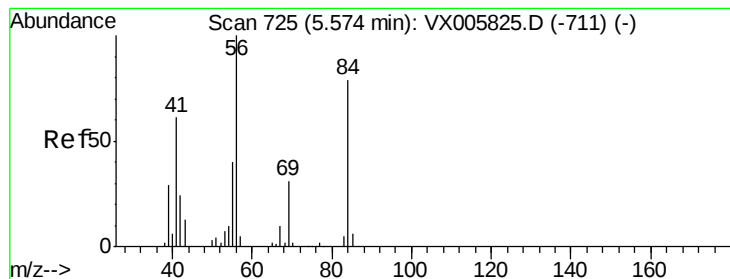
Tot Ion: 84 Resp: 516
Ion Ratio Lower Upper
84 100
49 130.5 109.5 164.3
51 41.4 33.3 49.9
86 60.6 52.7 79.1



#25
2-Butanone
Concen: 0.645 ug/l
RT: 4.73 min Scan# 587
Delta R.T. 0.03 min
Lab File: VX005881.D
Acq: 10 Nov 2018 00:51

Tgt Ion: 43 Resp: 805
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#





#31

Cyclohexane

Concen: 1.139 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.08 min

Lab File: VX005881.D

Acq: 10 Nov 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

WALL-D

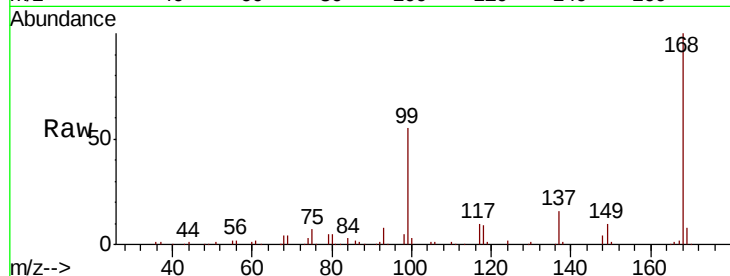
Tot Ion: 56 Resp: 2340

Ion Ratio Lower Upper

56 100

69 183.1 22.6 34.0#

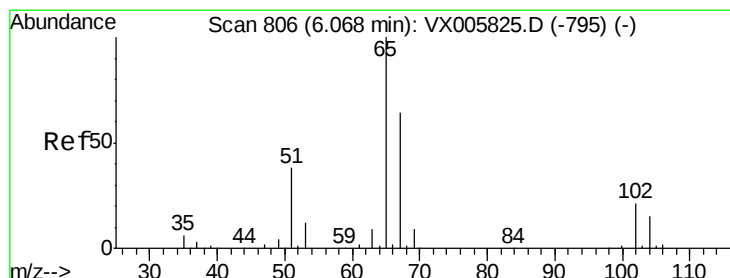
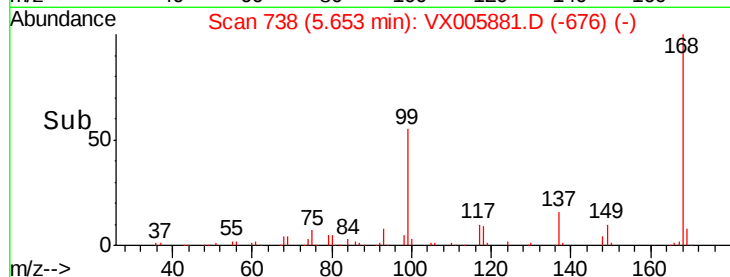
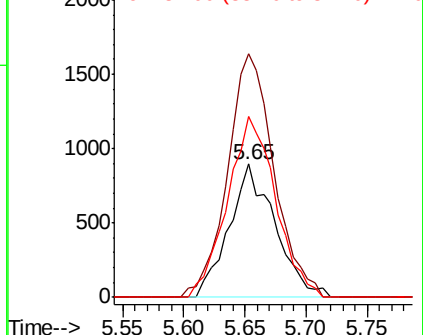
84 135.9 62.7 94.1#



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: 50.515 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005881.D

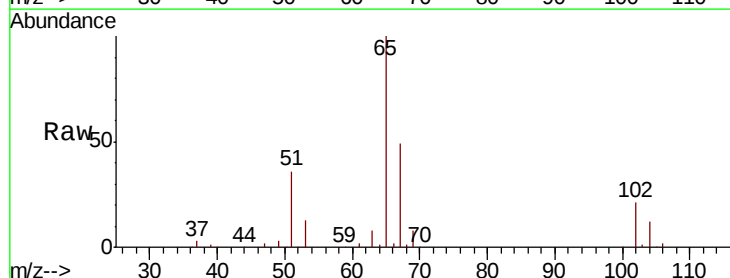
Acq: 10 Nov 2018 00:51

Tgt Ion: 65 Resp: 74502

Ion Ratio Lower Upper

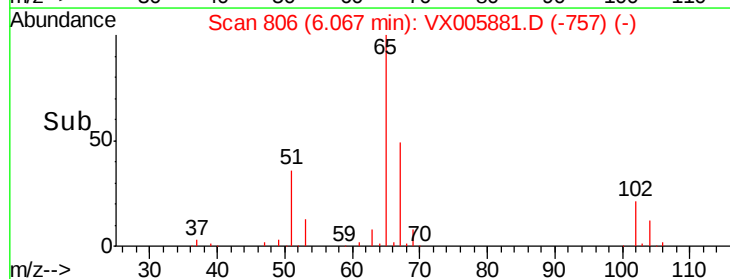
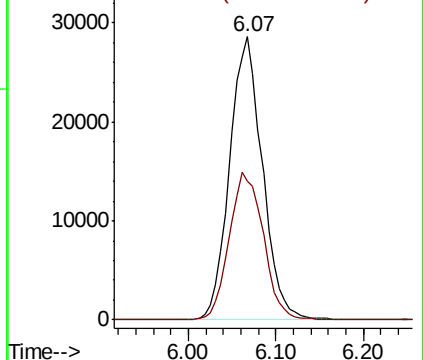
65 100

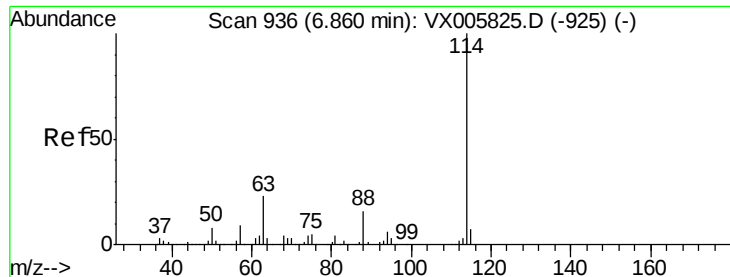
67 54.3 0.0 105.0



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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005881.D

Acq: 10 Nov 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

WALL-D

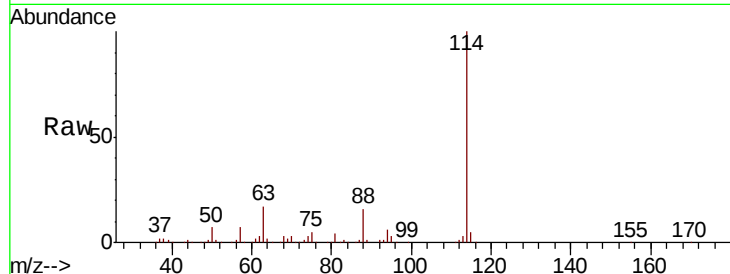
Tot Ion:114 Resp: 182212

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.8

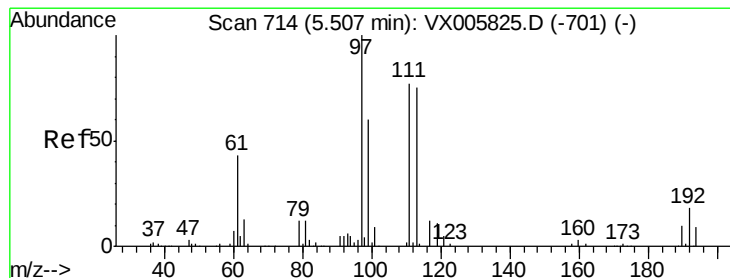
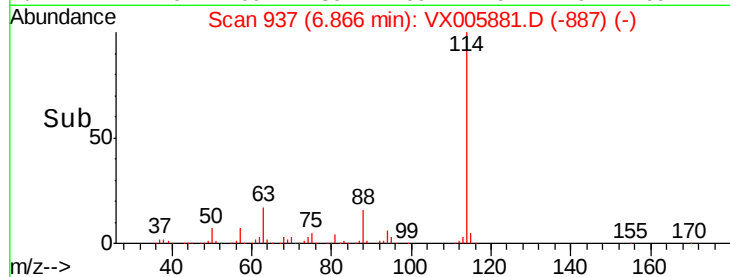
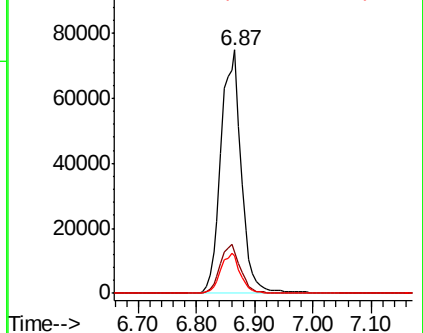
88 15.6 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.032 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005881.D

Acq: 10 Nov 2018 00:51

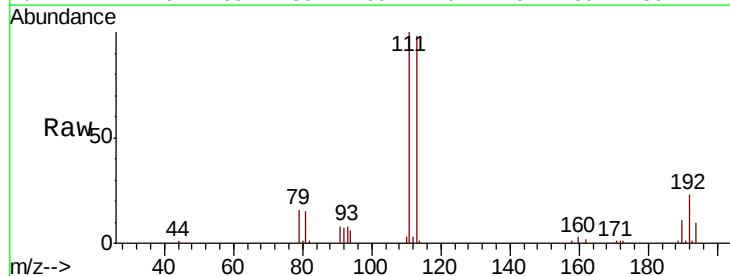
Tgt Ion:113 Resp: 58288

Ion Ratio Lower Upper

113 100

111 101.2 82.3 123.5

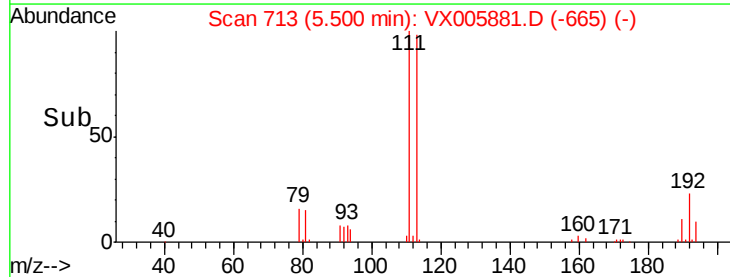
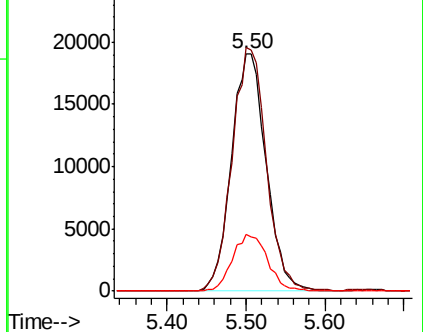
192 23.9 17.9 26.9

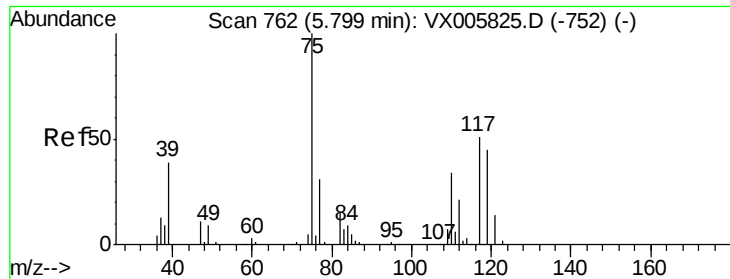


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

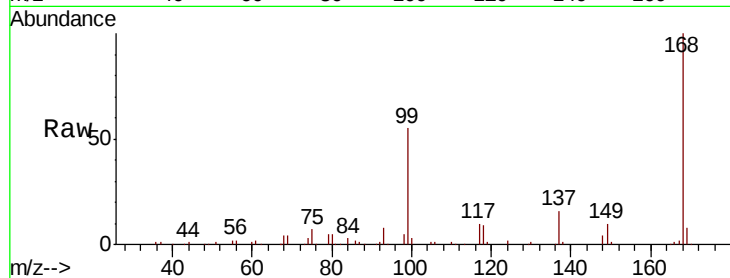




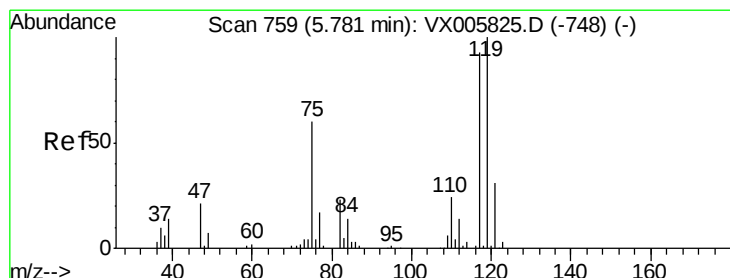
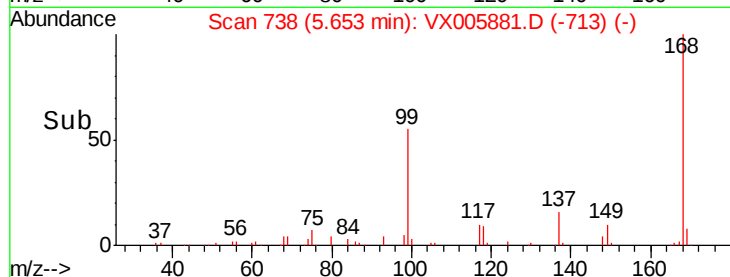
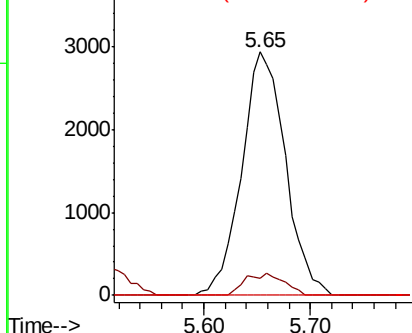
#36
 1,1-Dichloropropene
 Concen: 4.808 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX005881.D
 Acq: 10 Nov 2018 00:51

Instrument :
 MSVOA_X
 ClientSampleId :
 WALL-D

Tot Ion: 75 Resp: 8445
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.4 52.2#
 77 0.0 25.8 38.6#

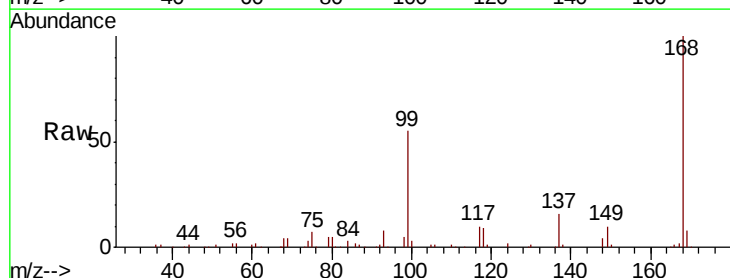


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

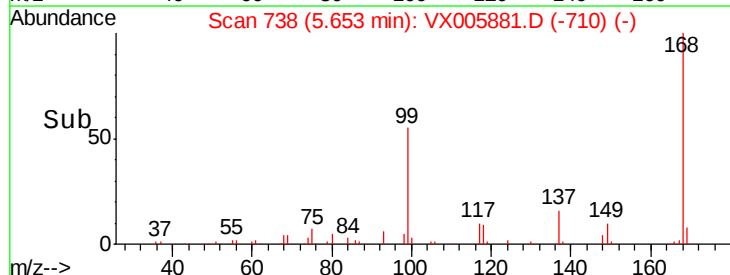
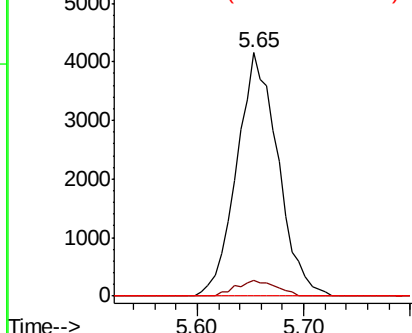


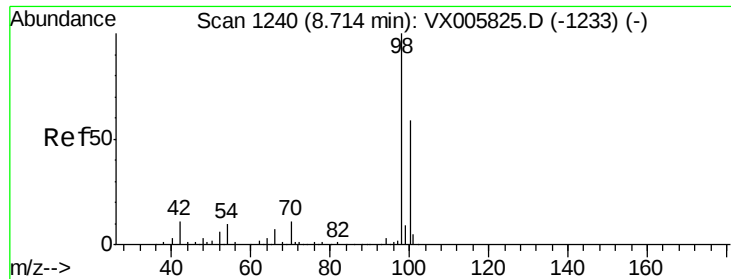
#38
 Carbon Tetrachloride
 Concen: 6.397 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX005881.D
 Acq: 10 Nov 2018 00:51

Tgt Ion: 117 Resp: 11249
 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

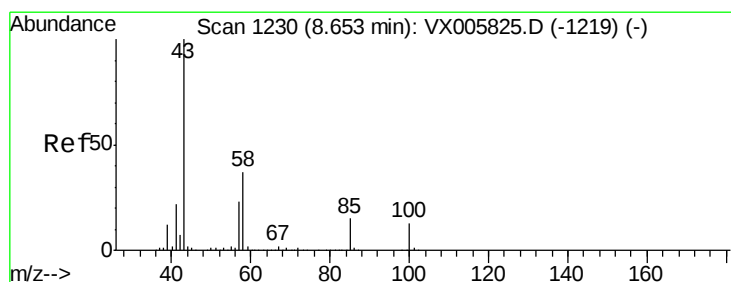
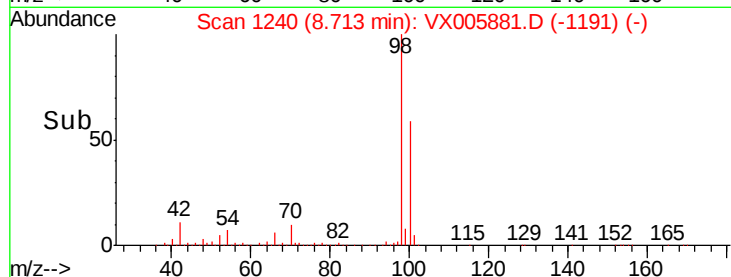
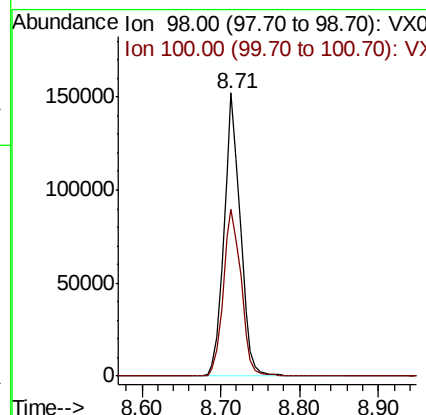
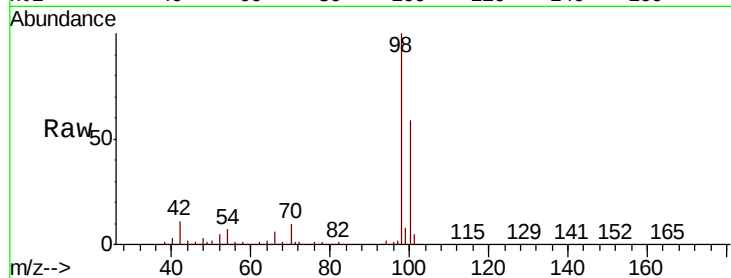




#50
Toluene-d8
Concen: 53.389 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005881.D
Acq: 10 Nov 2018 00:51

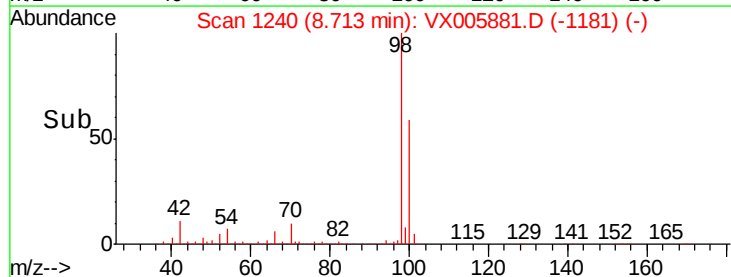
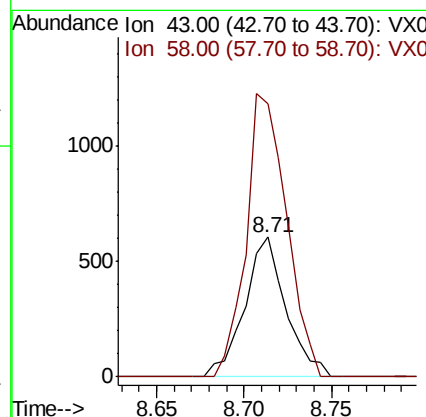
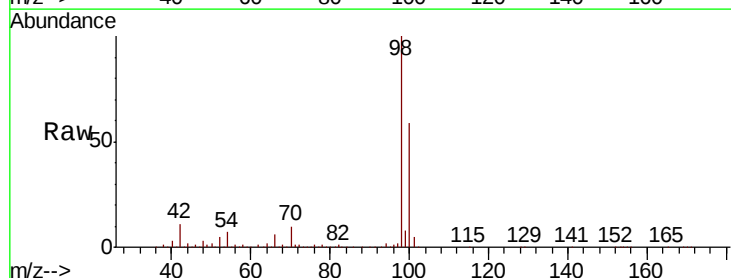
Instrument :
MSVOA_X
ClientSampleId :
WALL-D

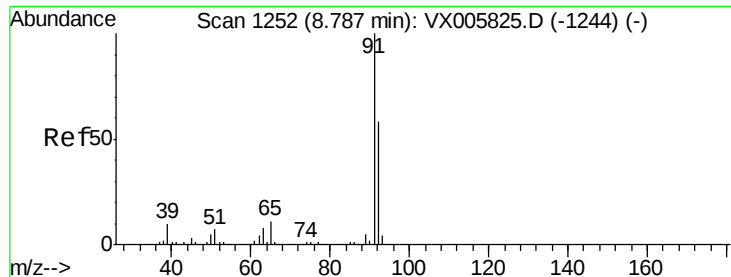
Tot Ion: 98 Resp: 219972
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.06 min
Lab File: VX005881.D
Acq: 10 Nov 2018 00:51

Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 196.4 29.7 44.5#





#52

Toluene

Concen: 0.234 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX005881.D

Acq: 10 Nov 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

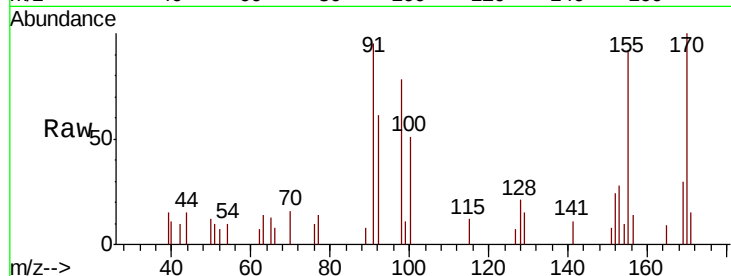
WALL-D

Tot Ion: 92 Resp: 670

Ion Ratio Lower Upper

92 100

91 187.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800

600

400

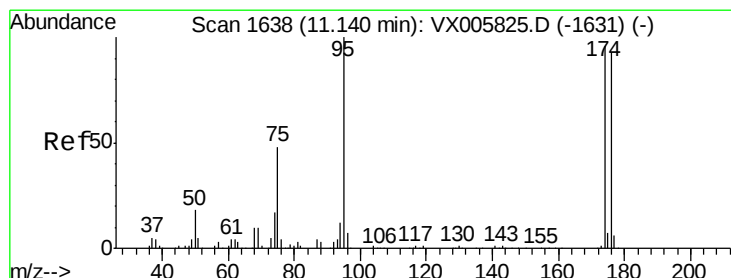
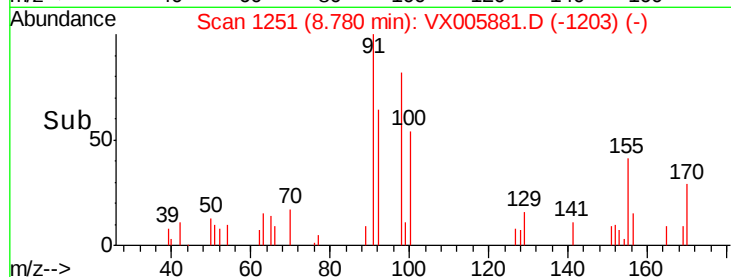
200

0

8.75

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 53.958 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005881.D

Acq: 10 Nov 2018 00:51

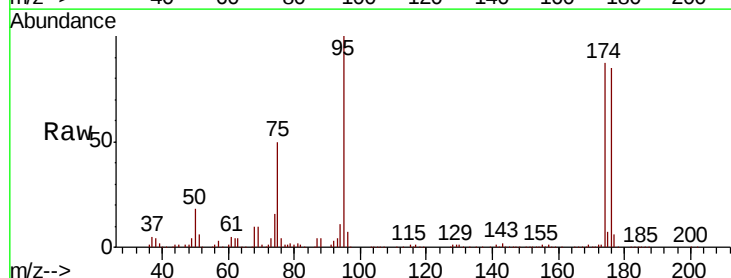
Tgt Ion: 95 Resp: 79931

Ion Ratio Lower Upper

95 100

174 88.9 0.0 184.4

176 87.1 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

80000

60000

40000

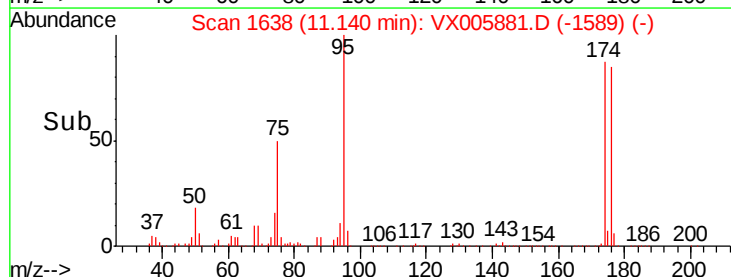
20000

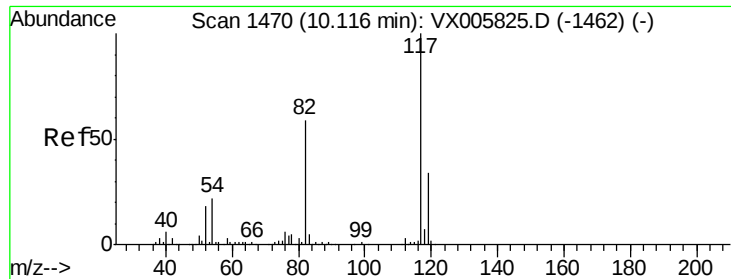
0

11.10

11.20

Time-->

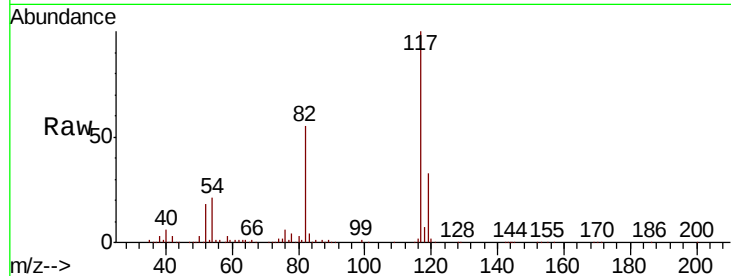




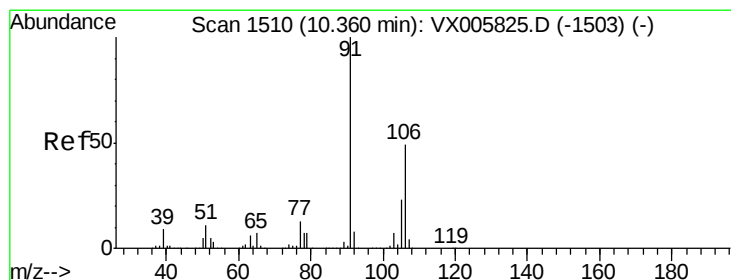
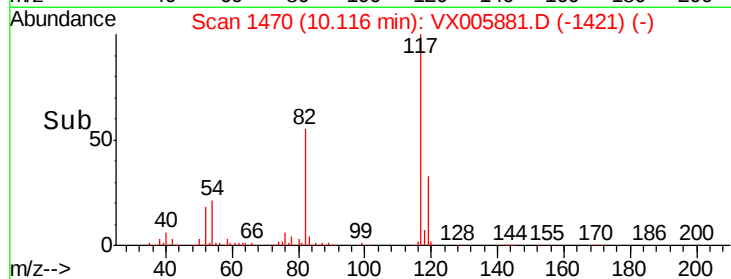
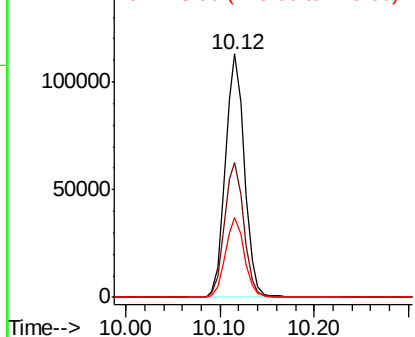
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005881.D
Acq: 10 Nov 2018 00:51

Instrument :
MSVOA_X
ClientSampleId :
WALL-D

Tot Ion:117 Resp: 158902
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 32.9 26.2 39.2

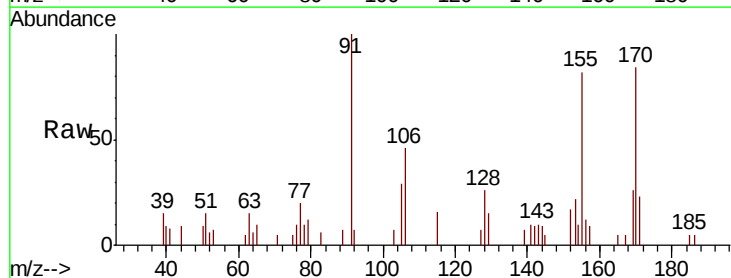


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

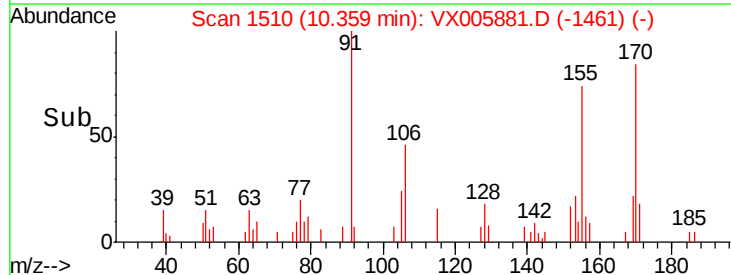
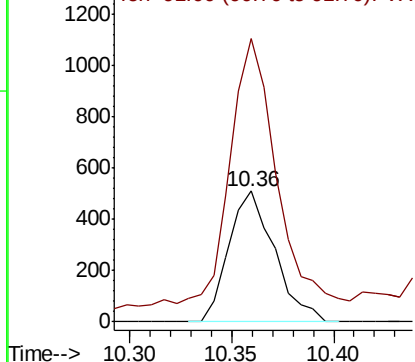


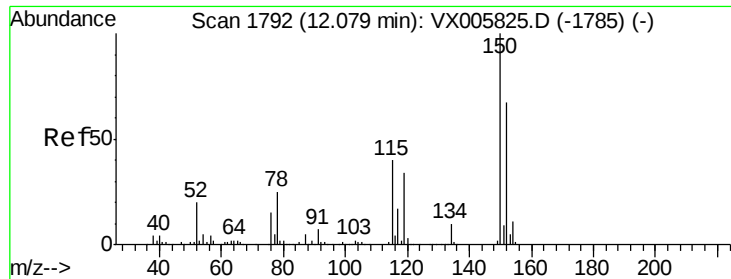
#68
m/p-Xylenes
Concen: 0.406 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005881.D
Acq: 10 Nov 2018 00:51

Tgt Ion:106 Resp: 791
Ion Ratio Lower Upper
106 100
91 211.0 164.2 246.4



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



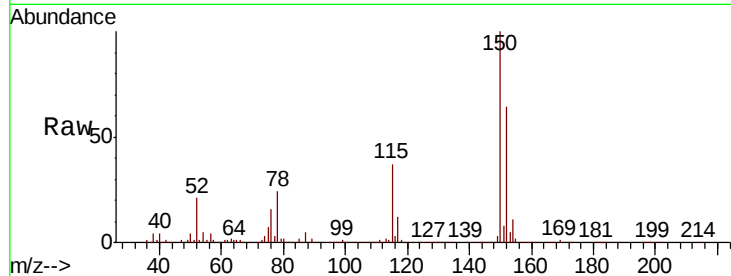


#72

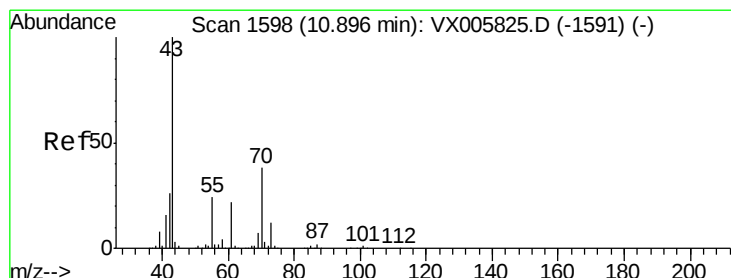
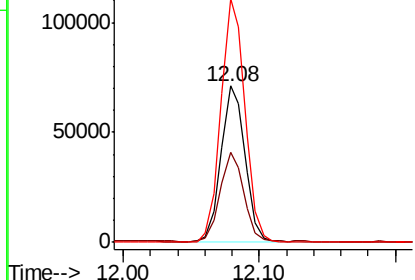
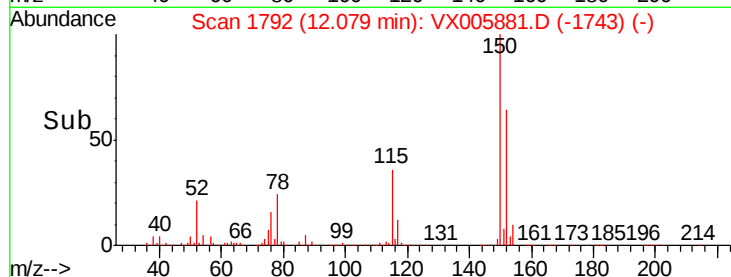
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005881.D
Acq: 10 Nov 2018 00:51

Instrument :
MSVOA_X
ClientSampled :
WALL-D

Tot Ion:152 Resp: 86221
Ion Ratio Lower Upper
152 100
115 56.2 39.4 118.1
150 157.2 0.0 346.4



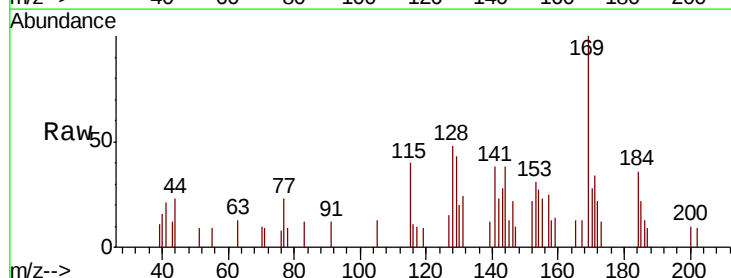
Abundance Ion 151.90 (151.60 to 152.60): V
150000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



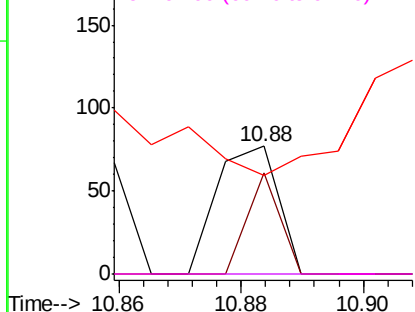
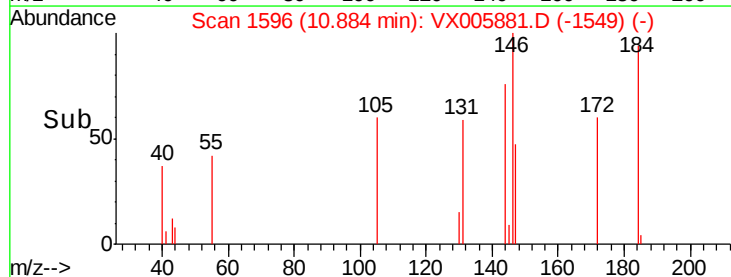
#74

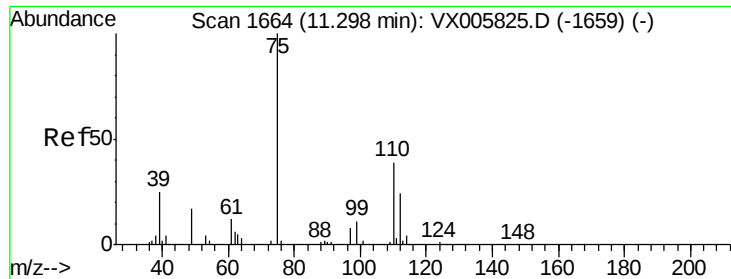
N-amil acetate
Concen: 1.269 ug/l
RT: 10.88 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VX005881.D
Acq: 10 Nov 2018 00:51

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
70 41.5 31.6 47.4
55 0.0 19.7 29.5#
61 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0
200 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: 22.761 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005881.D

Acq: 10 Nov 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

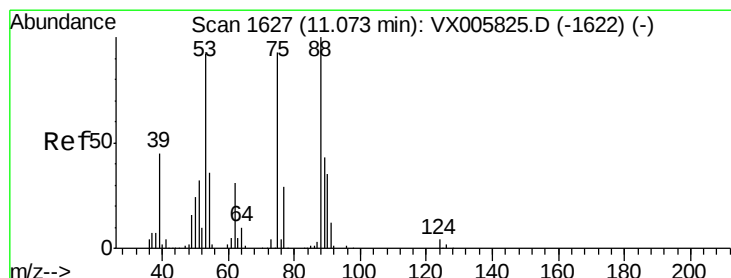
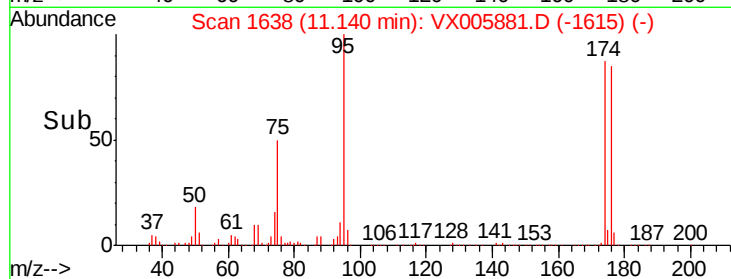
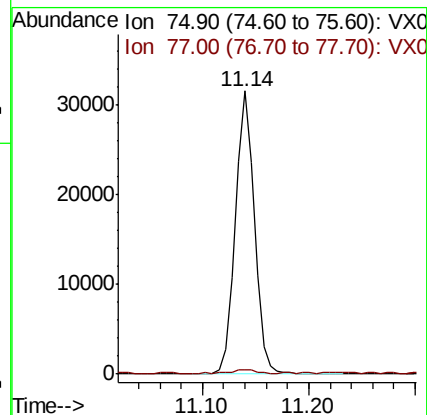
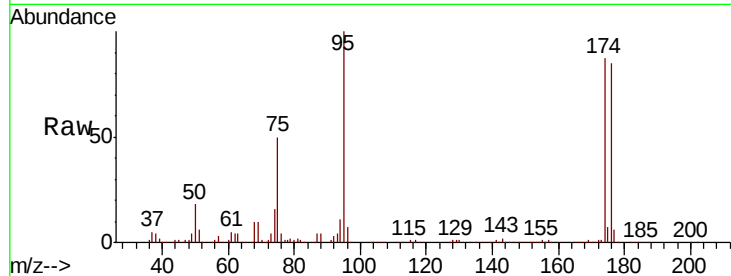
WALL-D

Tot Ion: 75 Resp: 39960

Ion Ratio Lower Upper

75 100

77 1.5 20.5 61.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.542 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005881.D

Acq: 10 Nov 2018 00:51

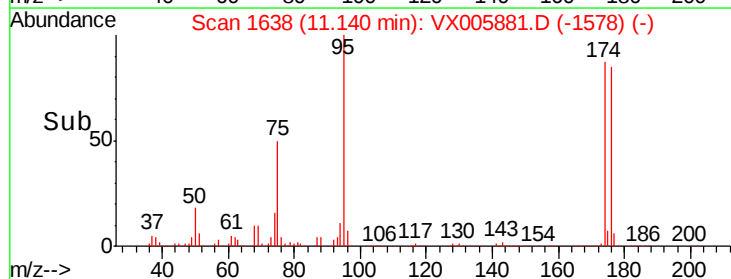
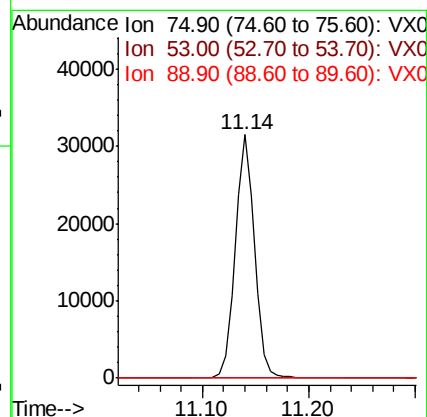
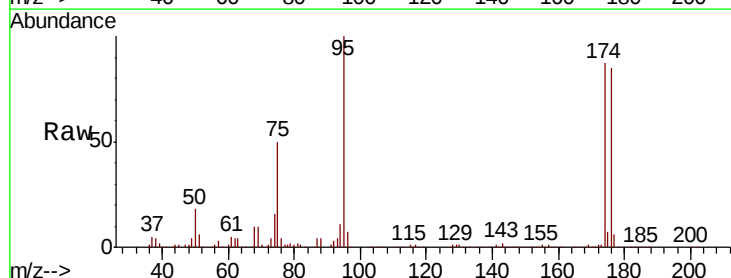
Tgt Ion: 75 Resp: 39960

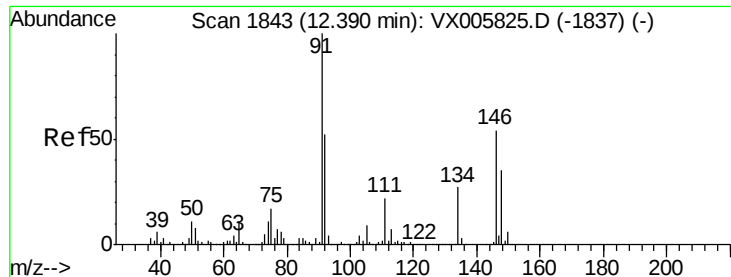
Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.2#

89 0.1 39.8 59.8#





#91

1,2-Dichlorobenzene

Concen: 1.643 ug/l

RT: 12.30 min Scan# 1828

Delta R.T. -0.09 min

Lab File: VX005881.D

Acq: 10 Nov 2018 00:51

Instrument :

MSVOA_X

ClientSampled :

WALL-D

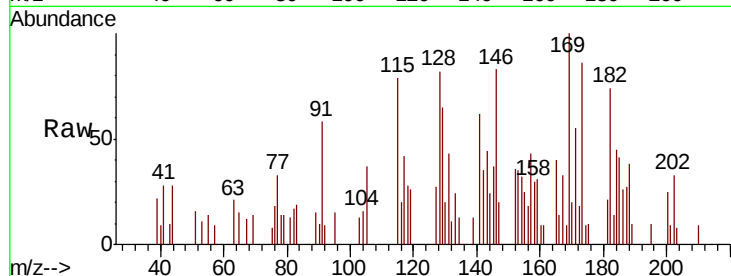
Tot Ion:146 Resp: 4439

Ion Ratio Lower Upper

146 100

111 0.0 20.0 59.9#

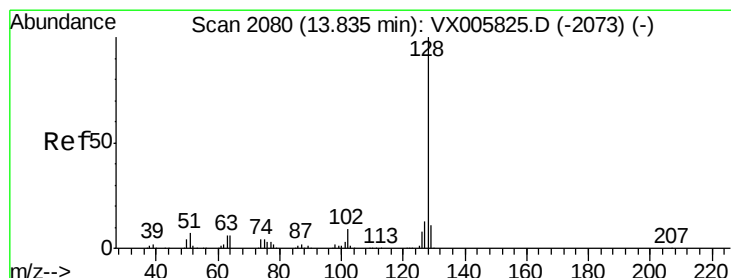
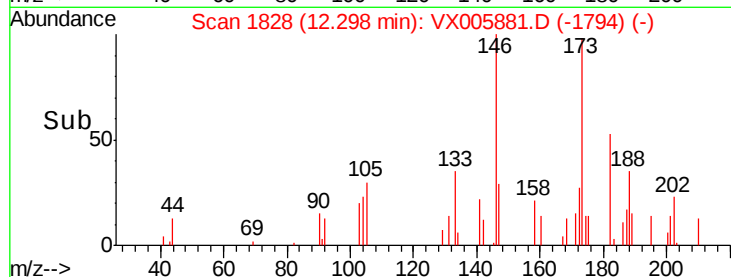
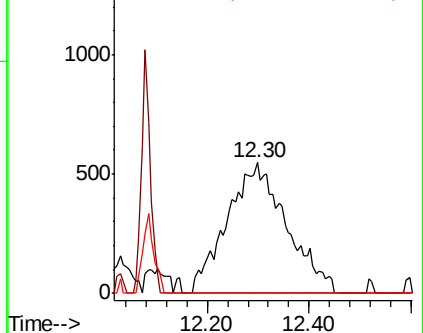
148 0.0 32.2 96.6#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 1.576 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005881.D

Acq: 10 Nov 2018 00:51

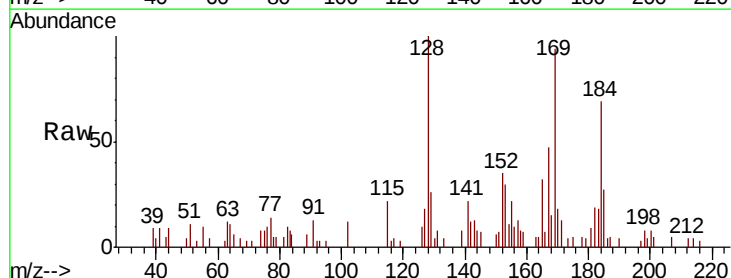
Tgt Ion:128 Resp: 2530

Ion Ratio Lower Upper

128 100

127 11.0 10.4 15.6

129 6.1 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

