

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032932.D
 Acq On : 7 Dec 2018 13:13
 Operator : SY/AP
 Sample : J6176-02DL2 100X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-05DL2

Quant Time: Dec 08 03:17:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1247629	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3313061	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3111131	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2337221	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

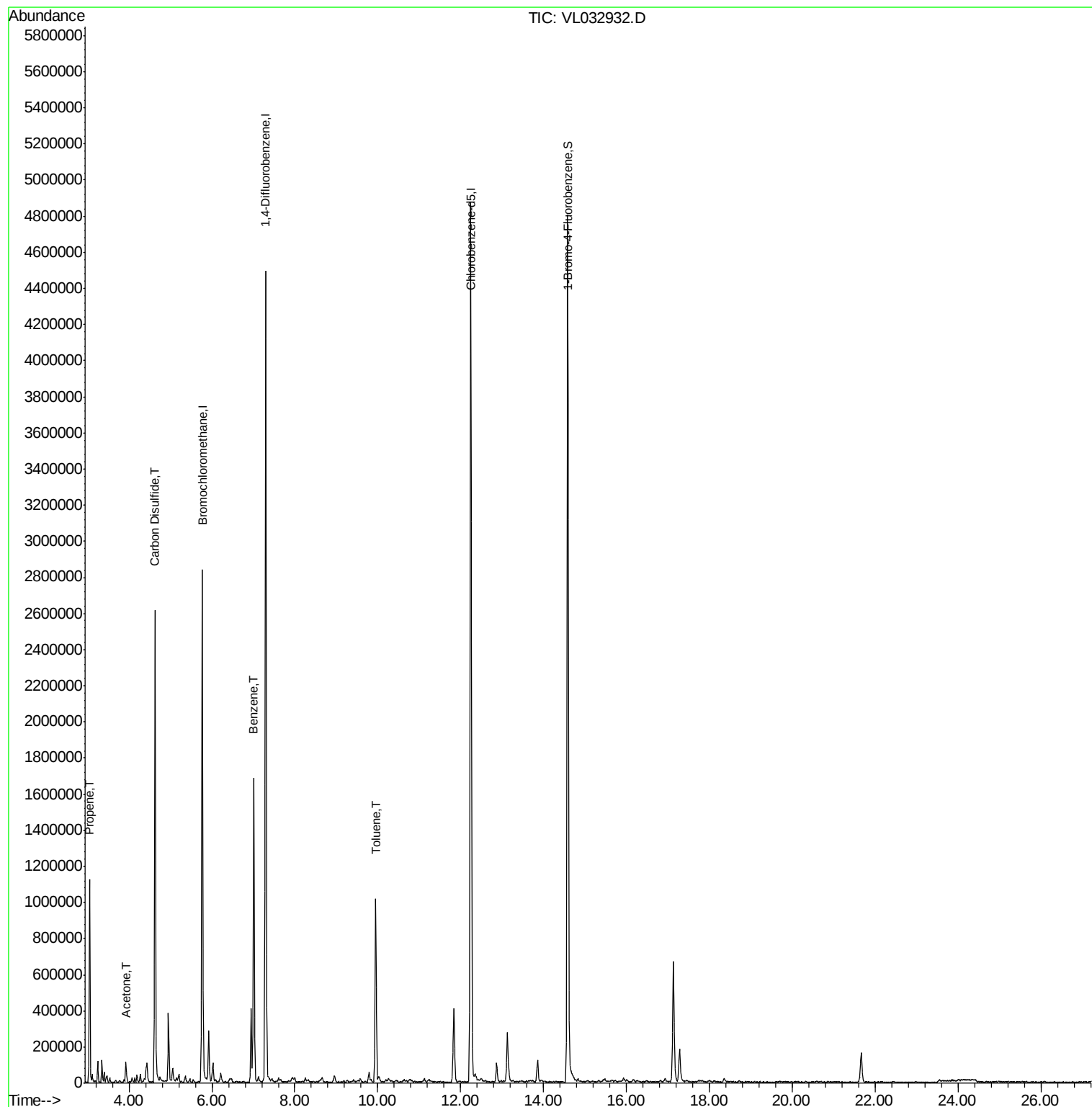
Target Compounds					Qvalue
9) Propene	3.04	41	91504	2.449 ppbv	95
15) Acetone	3.92	43	87113	0.813 ppbv	97
27) Carbon Disulfide	4.62	76	2990570	20.479 ppbv	100
36) Benzene	7.01	78	1346445	5.525 ppbv	99
53) Toluene	9.95	91	777425	3.008 ppbv	99

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

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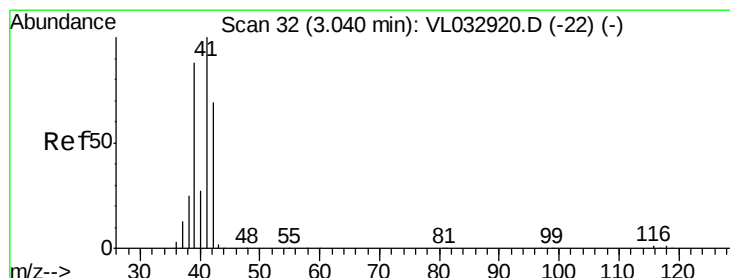
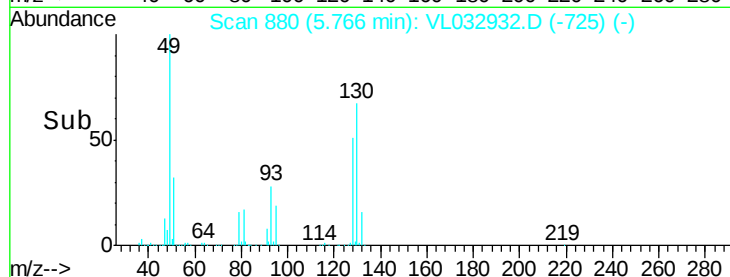
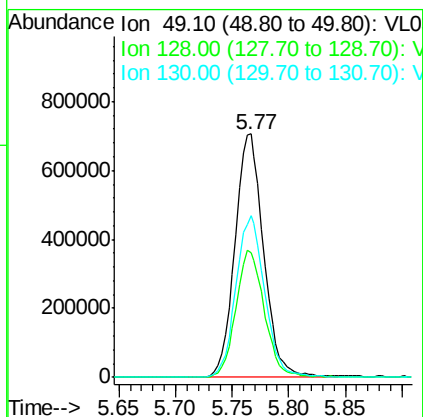
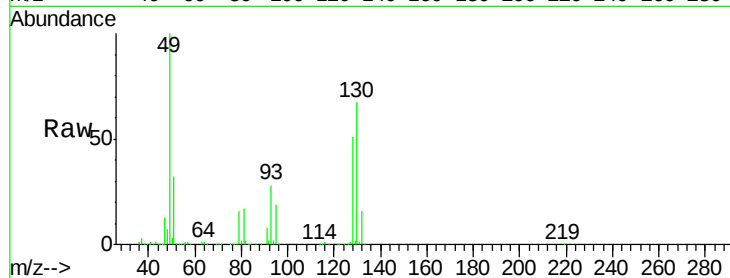




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.77 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: VL032932.D
 Acq: 7 Dec 2018 13:13

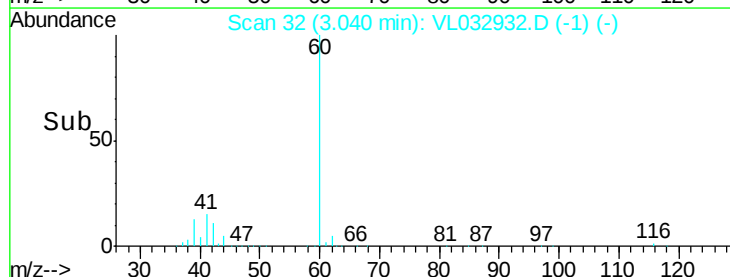
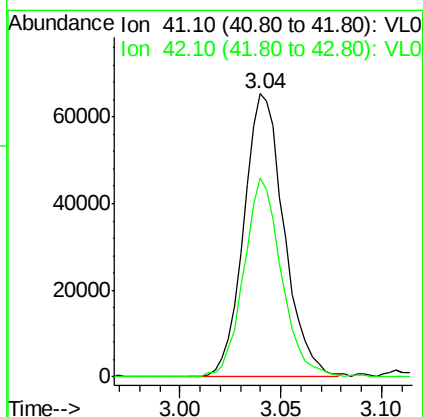
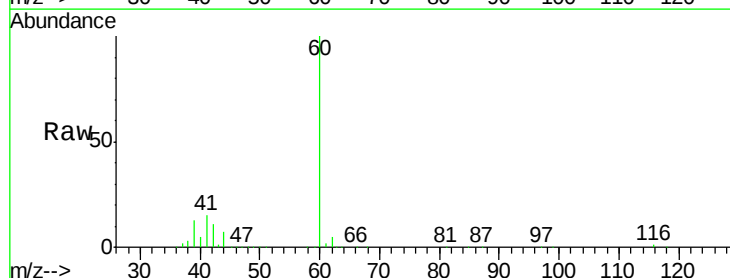
Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-05DL2

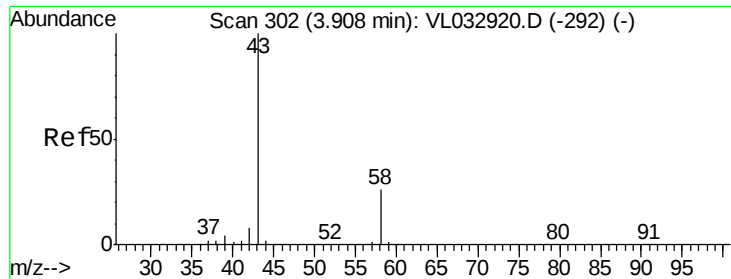
Tgt Ion: 49 Resp: 1247629
 Ion Ratio Lower Upper
 49 100
 128 52.3 26.3 78.8
 130 67.6 33.9 101.7



#9
 Propene
 Concen: 2.449 ppbv
 RT: 3.04 min Scan# 32
 Delta R.T. 0.00 min
 Lab File: VL032932.D
 Acq: 7 Dec 2018 13:13

Tgt Ion: 41 Resp: 91504
 Ion Ratio Lower Upper
 41 100
 42 66.1 56.2 84.2





#15

Acetone

Concen: 0.813 ppbv

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL032932.D

Acq: 7 Dec 2018 13:13

Instrument :

MSVOA_L

ClientSampleId :

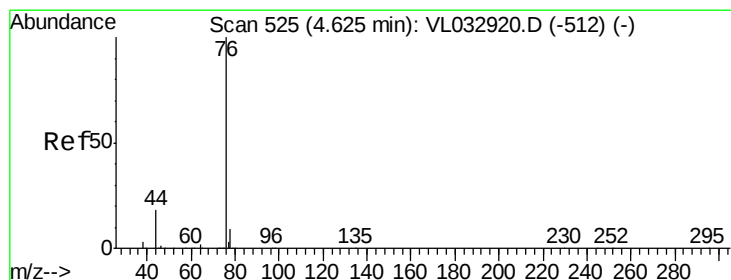
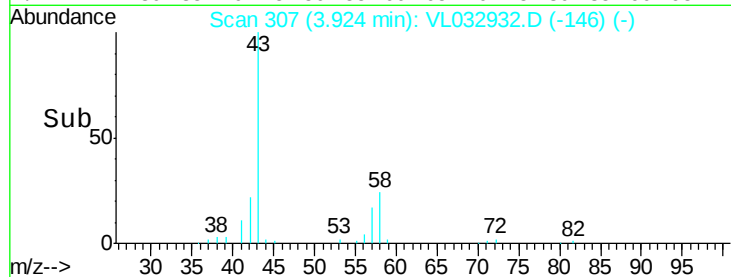
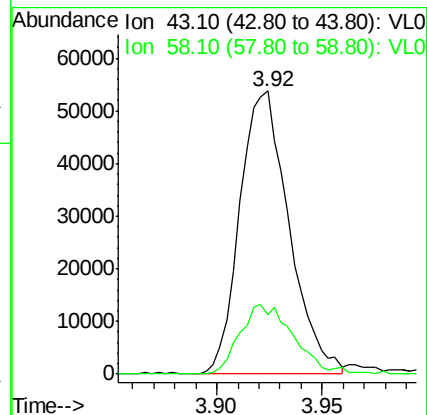
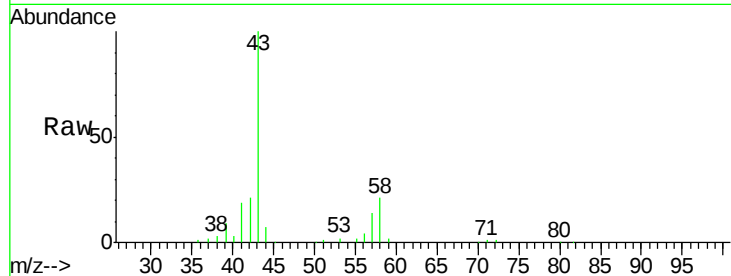
MMSV-05DL2

Tgt Ion: 43 Resp: 87113

Ion Ratio Lower Upper

43 100

58 27.3 20.6 30.8



#27

Carbon Disulfide

Concen: 20.479 ppbv

RT: 4.62 min Scan# 525

Delta R.T. 0.00 min

Lab File: VL032932.D

Acq: 7 Dec 2018 13:13

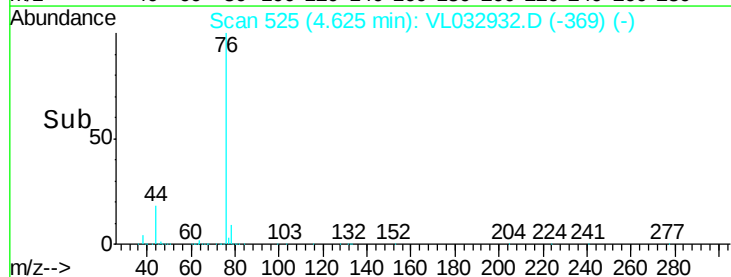
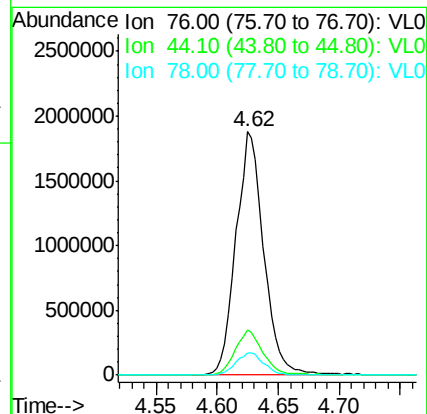
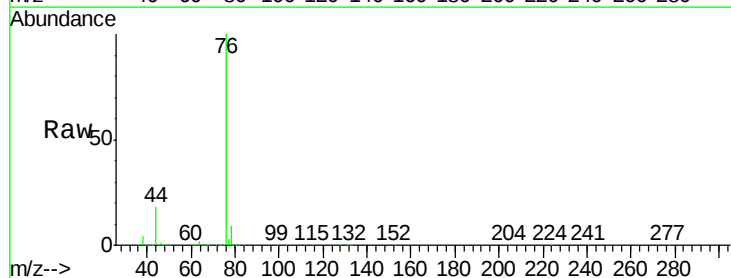
Tgt Ion: 76 Resp: 2990570

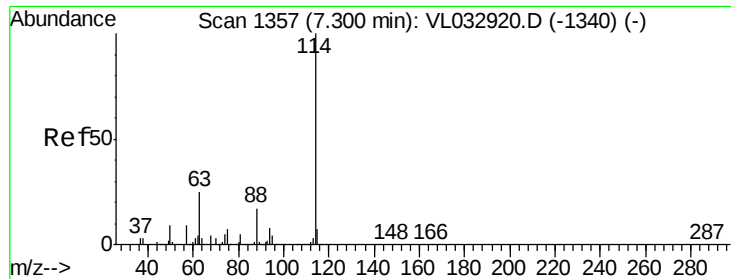
Ion Ratio Lower Upper

76 100

44 18.3 14.7 22.1

78 9.2 7.4 11.2

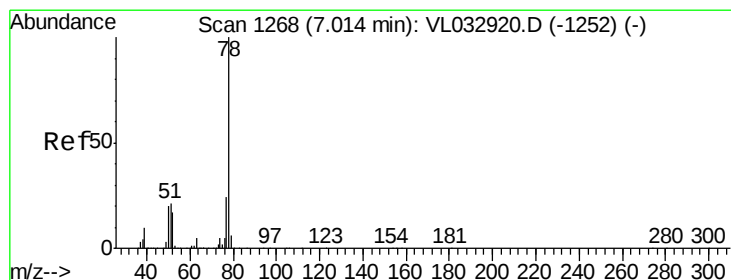
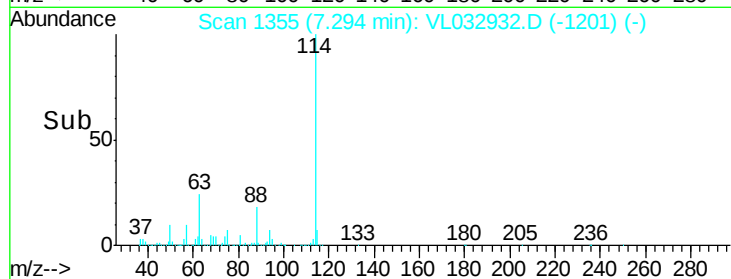
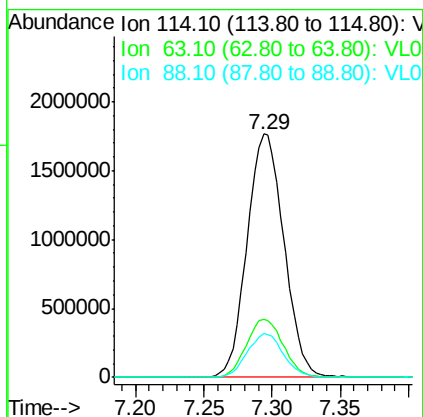
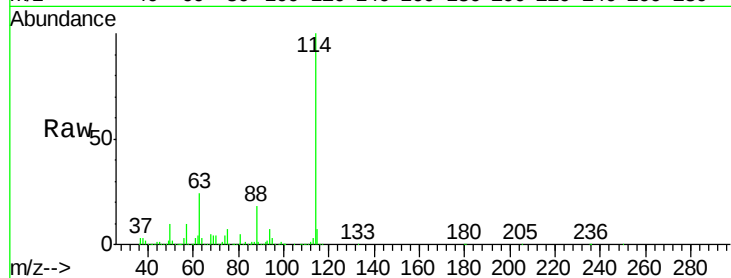




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL032932.D
 Acq: 7 Dec 2018 13:13

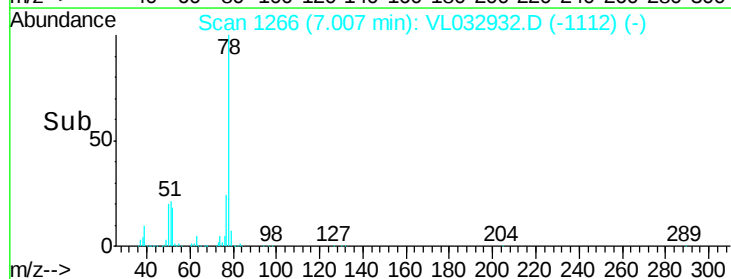
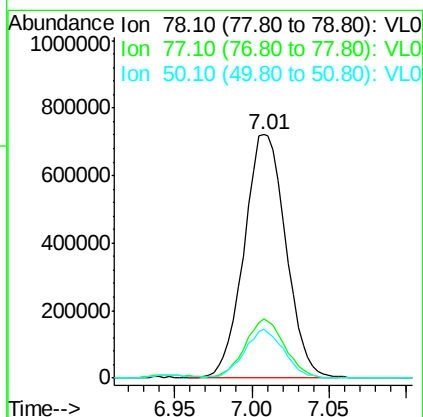
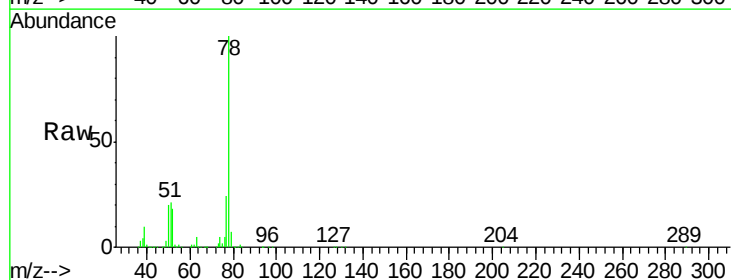
Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-05DL2

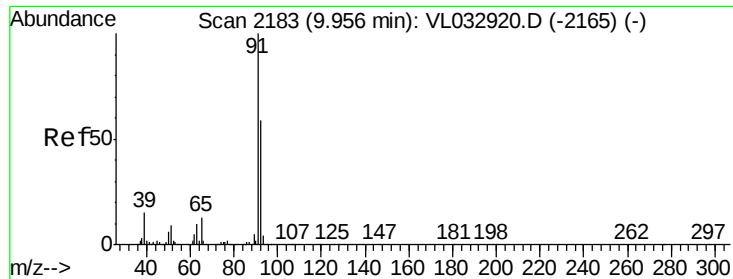
Tgt Ion:114 Resp: 3313061
 Ion Ratio Lower Upper
 114 100
 63 24.0 20.1 30.1
 88 17.6 14.2 21.4



#36
 Benzene
 Concen: 5.525 ppbv
 RT: 7.01 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: VL032932.D
 Acq: 7 Dec 2018 13:13

Tgt Ion: 78 Resp: 1346445
 Ion Ratio Lower Upper
 78 100
 77 24.0 18.9 28.3
 50 20.0 16.1 24.1





#53

Toluene

Concen: 3.008 ppbv

RT: 9.95 min Scan# 2182

Delta R.T. -0.00 min

Lab File: VL032932.D

Acq: 7 Dec 2018 13:13

Instrument :

MSVOA_L

ClientSampleId :

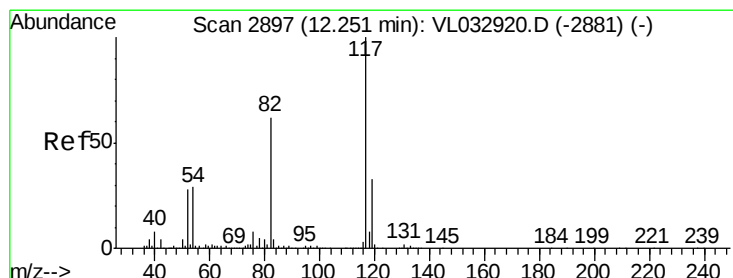
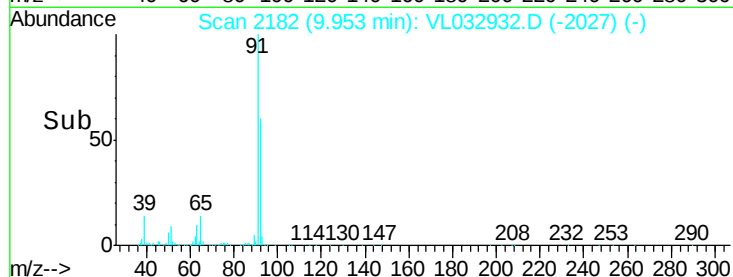
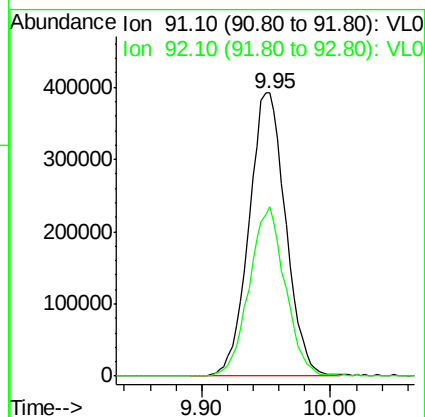
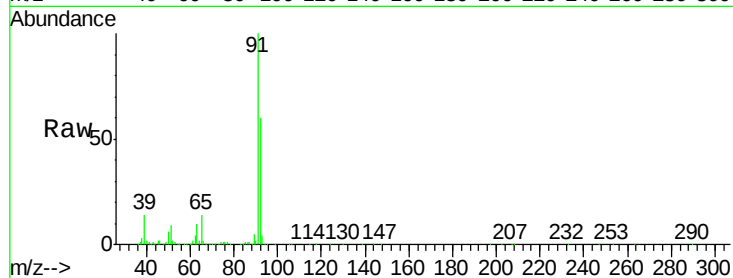
MMSV-05DL2

Tgt Ion: 91 Resp: 777425

Ion Ratio Lower Upper

91 100

92 58.7 47.4 71.0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL032932.D

Acq: 7 Dec 2018 13:13

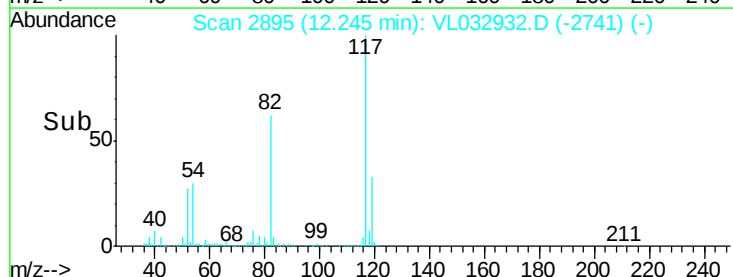
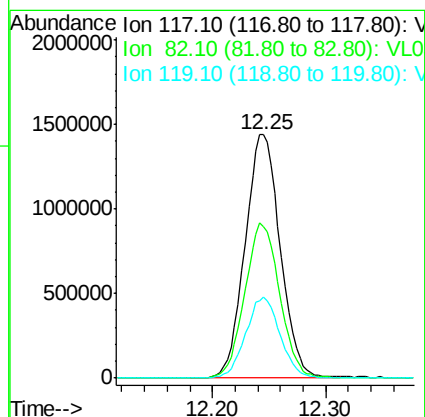
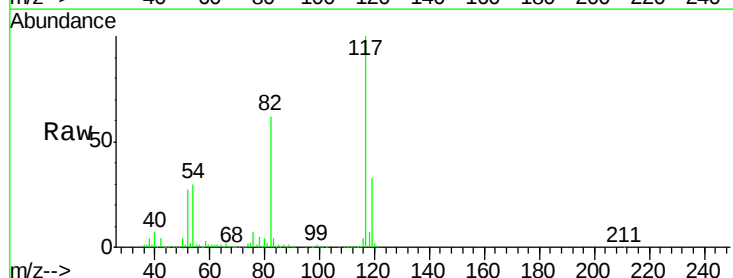
Tgt Ion: 117 Resp: 3111131

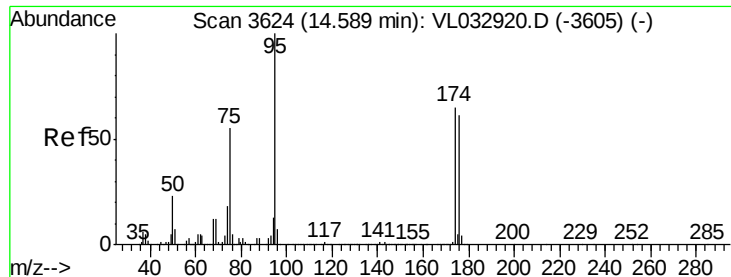
Ion Ratio Lower Upper

117 100

82 63.3 47.8 71.8

119 32.6 43.1 64.7#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.169 ppbv

RT: 14.58 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL032932.D

Acq: 7 Dec 2018 13:13

Instrument :

MSVOA_L

ClientSampleId :

MMSV-05DL2

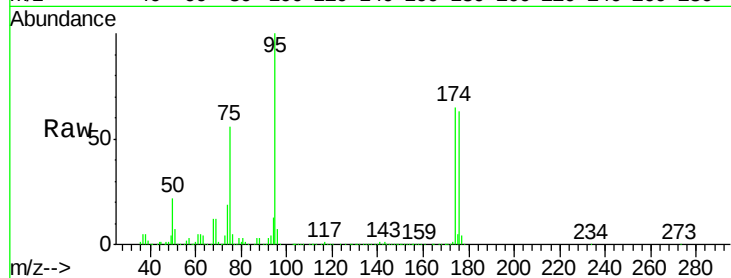
Tgt Ion: 95 Resp: 2337221

Ion Ratio Lower Upper

95 100

174 65.4 51.4 77.0

175 5.0 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

