

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032933.D
 Acq On : 7 Dec 2018 13:51
 Operator : SY/AP
 Sample : J6176-02DL2 200X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-05DL2

Quant Time: Dec 10 20:40:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.76	49	1122440	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3053120	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2902783	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2196303	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

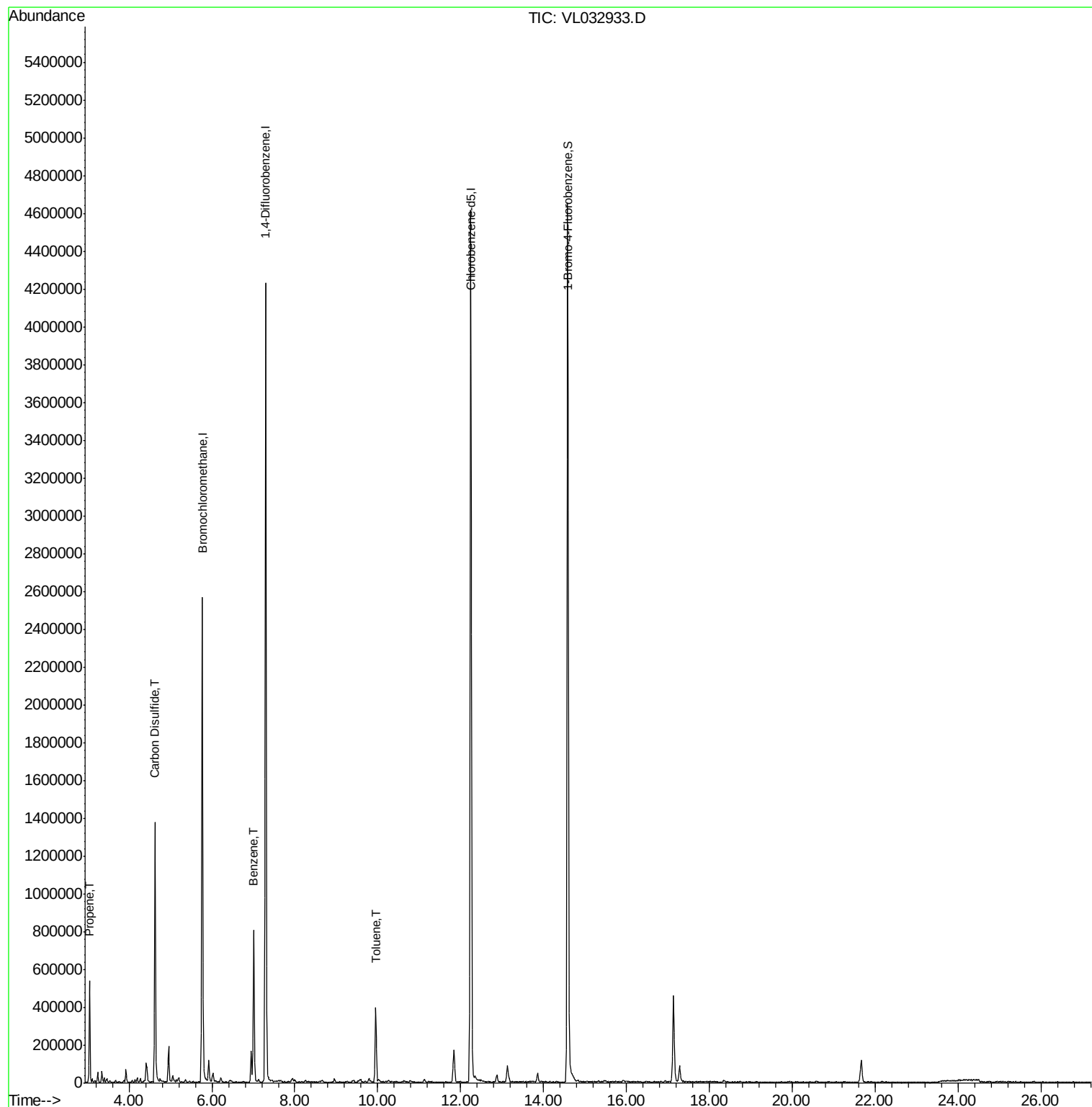
Target Compounds					Qvalue
9) Propene	3.04	41	39273	1.168	ppbv 93
27) Carbon Disulfide	4.62	76	1635764	12.451	ppbv 99
36) Benzene	7.01	78	633828	2.822	ppbv 98
53) Toluene	9.95	91	296467	1.245	ppbv 98

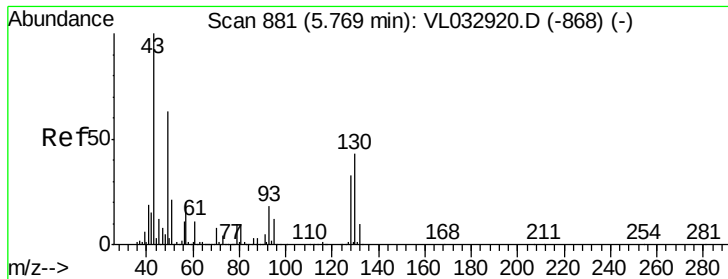
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.01 min

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MSVOA_L

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MMSV-05DL2

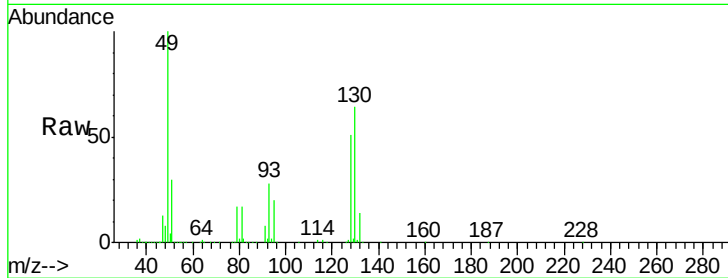
Tgt Ion: 49 Resp: 1122440

Ion Ratio Lower Upper

49 100

128 52.5 26.3 78.8

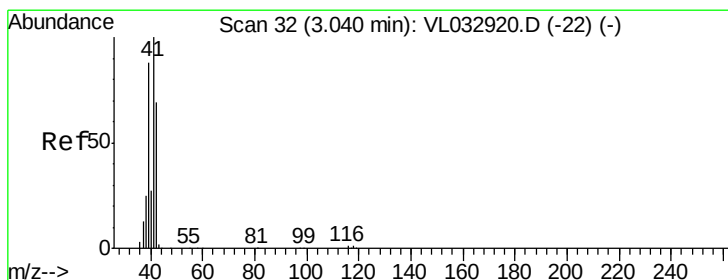
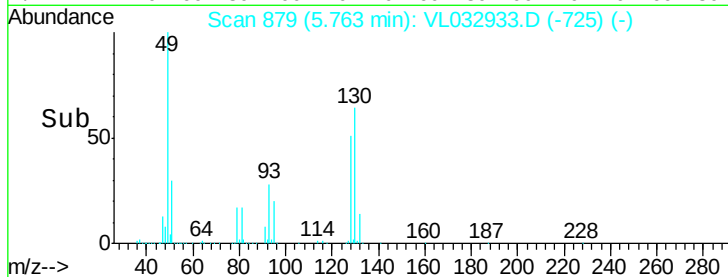
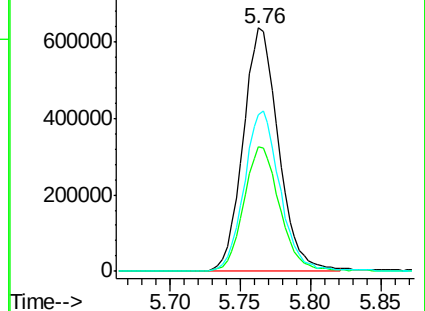
130 67.0 33.9 101.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 1.168 ppbv

RT: 3.04 min Scan# 32

Delta R.T. 0.00 min

Lab File: VL032933.D

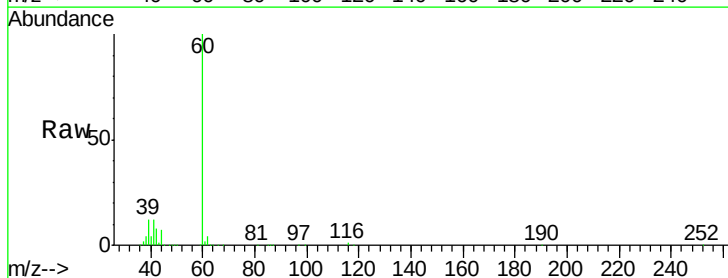
Acq: 7 Dec 2018 13:51

Tgt Ion: 41 Resp: 39273

Ion Ratio Lower Upper

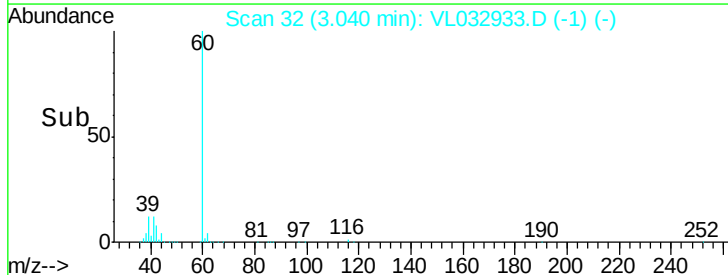
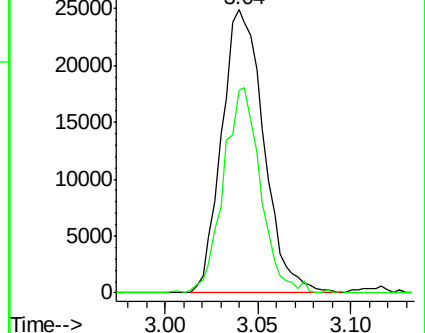
41 100

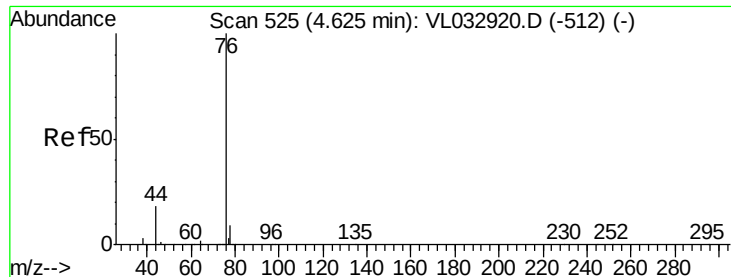
42 64.1 56.2 84.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#27

Carbon Disulfide

Concen: 12.451 ppbv

RT: 4.62 min Scan# 525

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

MMSV-05DL2

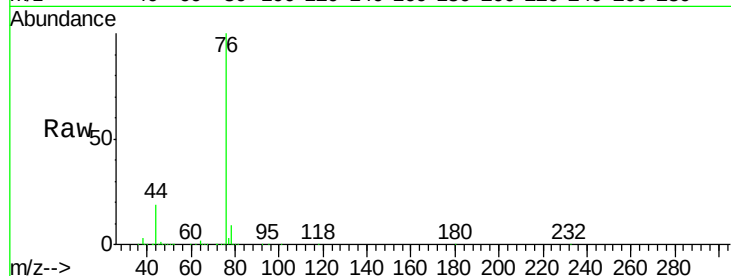
Tgt Ion: 76 Resp: 1635764

Ion Ratio Lower Upper

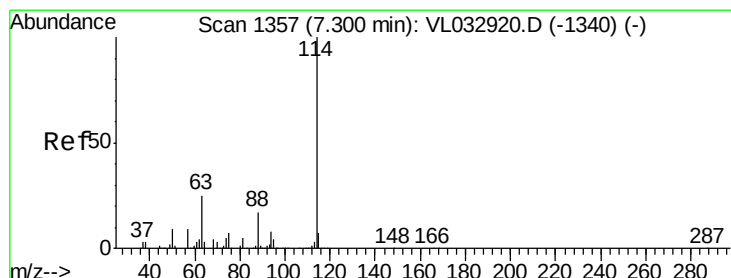
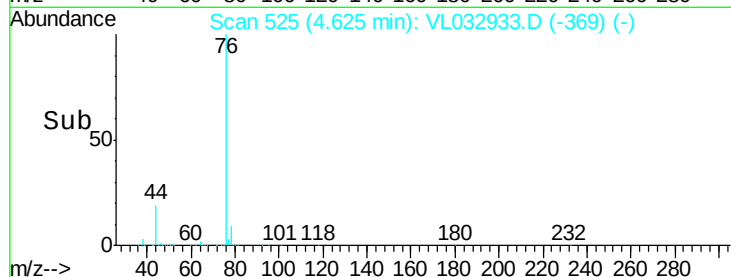
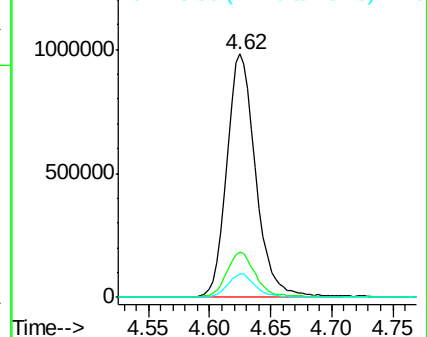
76 100

44 17.6 14.7 22.1

78 9.3 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VL032933.D

Acq: 7 Dec 2018 13:51

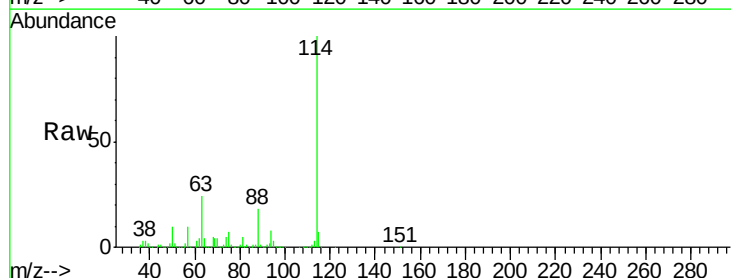
Tgt Ion: 114 Resp: 3053120

Ion Ratio Lower Upper

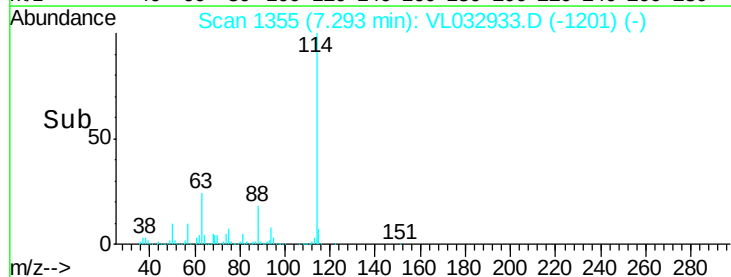
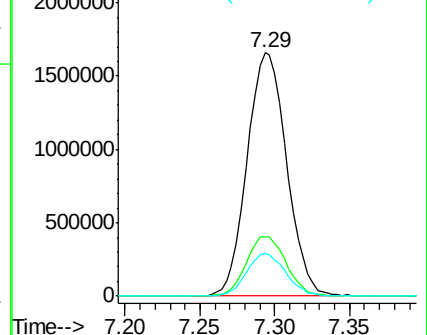
114 100

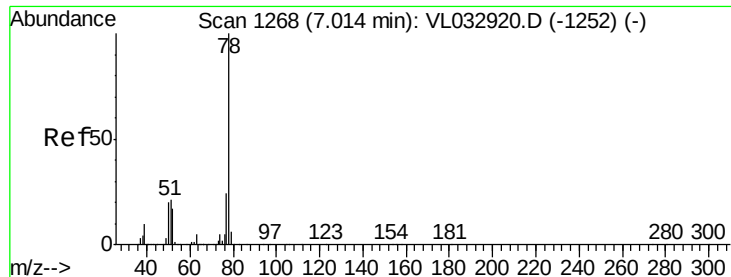
63 24.8 20.1 30.1

88 17.5 14.2 21.4



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

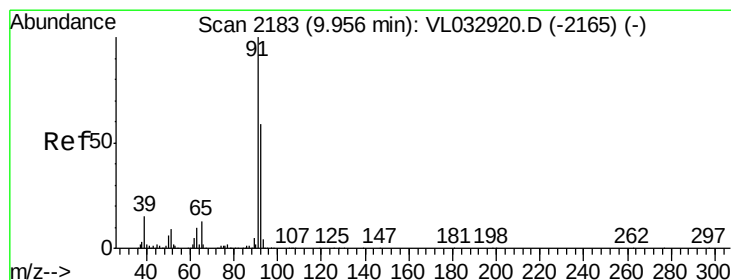
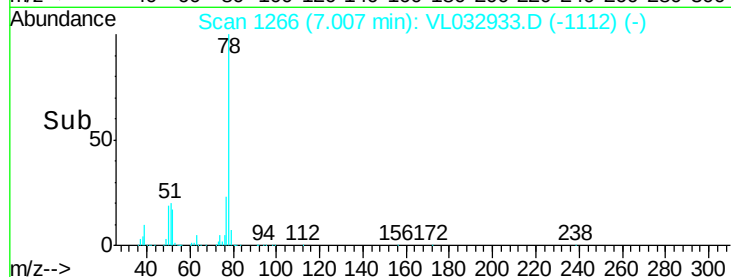
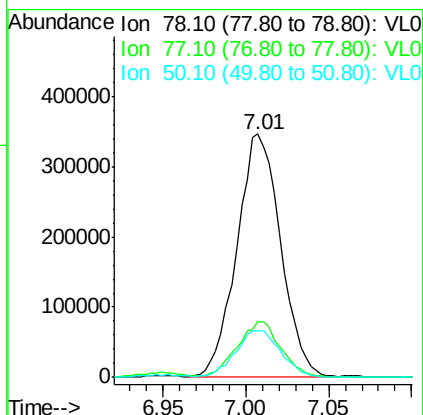
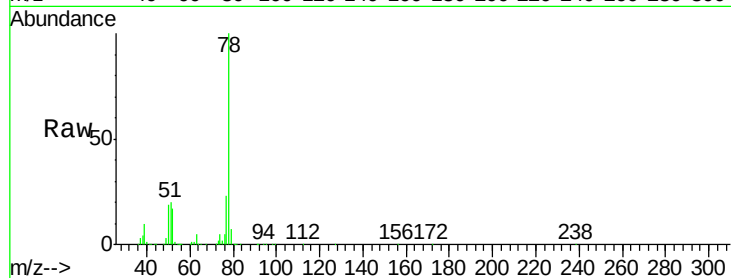




#36
Benzene
Concen: 2.822 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VL032933.D
Acq: 7 Dec 2018 13:51

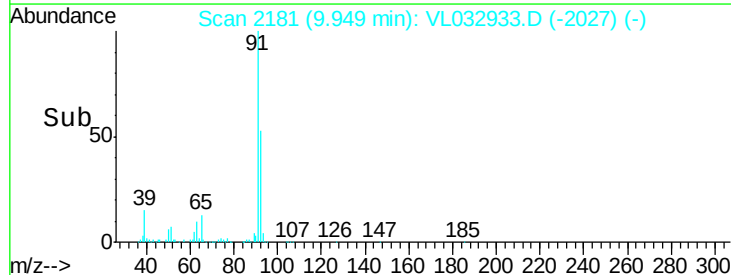
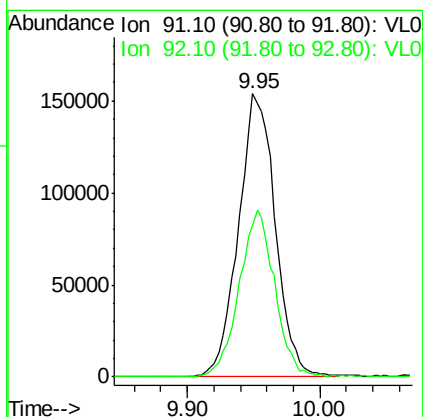
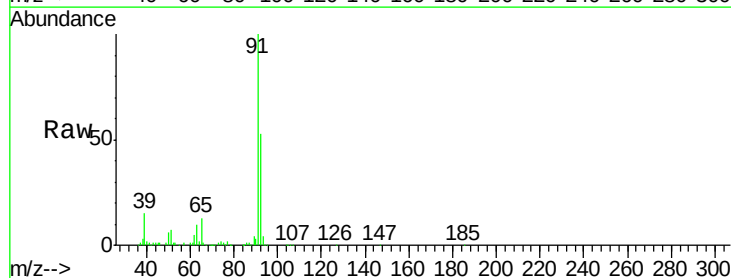
Instrument :
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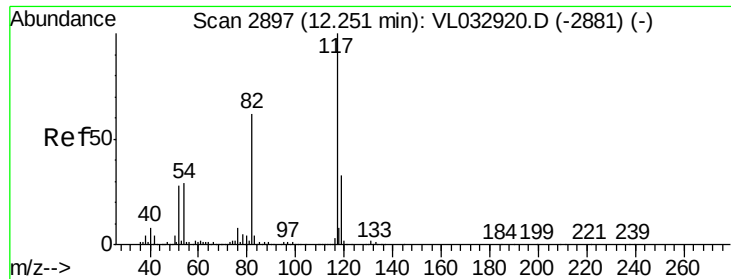
Tgt Ion: 78 Resp: 633828
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3
50 19.0 16.1 24.1



#53
Toluene
Concen: 1.245 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL032933.D
Acq: 7 Dec 2018 13:51

Tgt Ion: 91 Resp: 296467
Ion Ratio Lower Upper
91 100
92 57.4 47.4 71.0

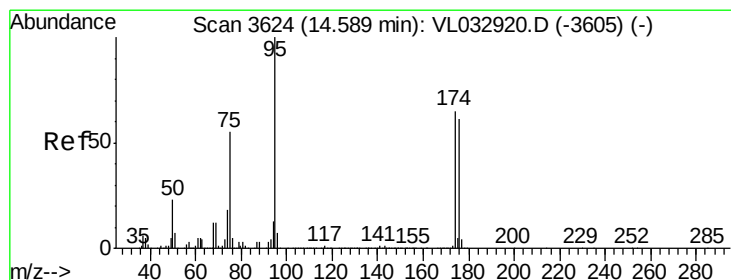
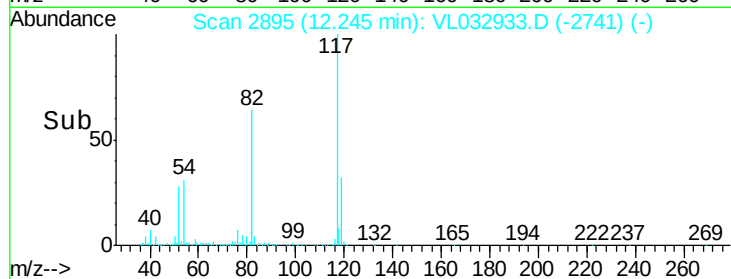
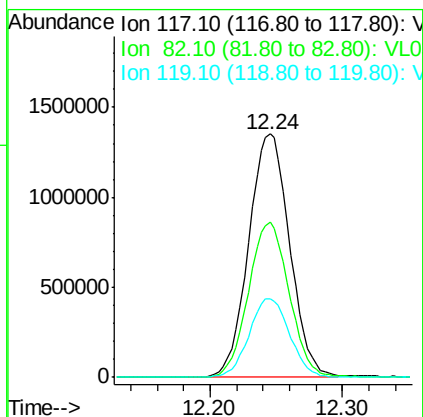
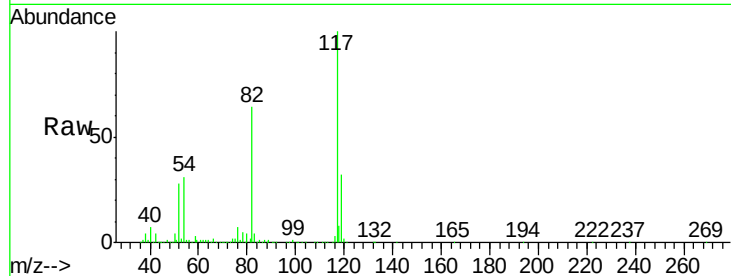




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032933.D
Acq: 7 Dec 2018 13:51

Instrument :
MSVOA_L
ClientSampleId :
MMSV-05DL2

Tgt Ion: 117 Resp: 2902783
Ion Ratio Lower Upper
117 100
82 63.5 47.8 71.8
119 32.5 43.1 64.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.241 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032933.D
Acq: 7 Dec 2018 13:51

Tgt Ion: 95 Resp: 2196303
Ion Ratio Lower Upper
95 100
174 66.1 51.4 77.0
175 4.7 3.8 5.6

