

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010419\
 Data File : VL033078.D
 Acq On : 4 Jan 2019 21:41
 Operator : SY/AP
 Sample : J6594-02DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVI-OA1-2018-12-19DL2

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 12:01:28 AM

Quant Time: Jan 05 03:02:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 0
 QLast Update : Fri Jan 04 16:09:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	985348	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2385126	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2223697	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1699506	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.93	43	25961	0.190	ppbv	98
20) Methylene Chloride	4.42	84	16118m	0.283	ppbv	

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

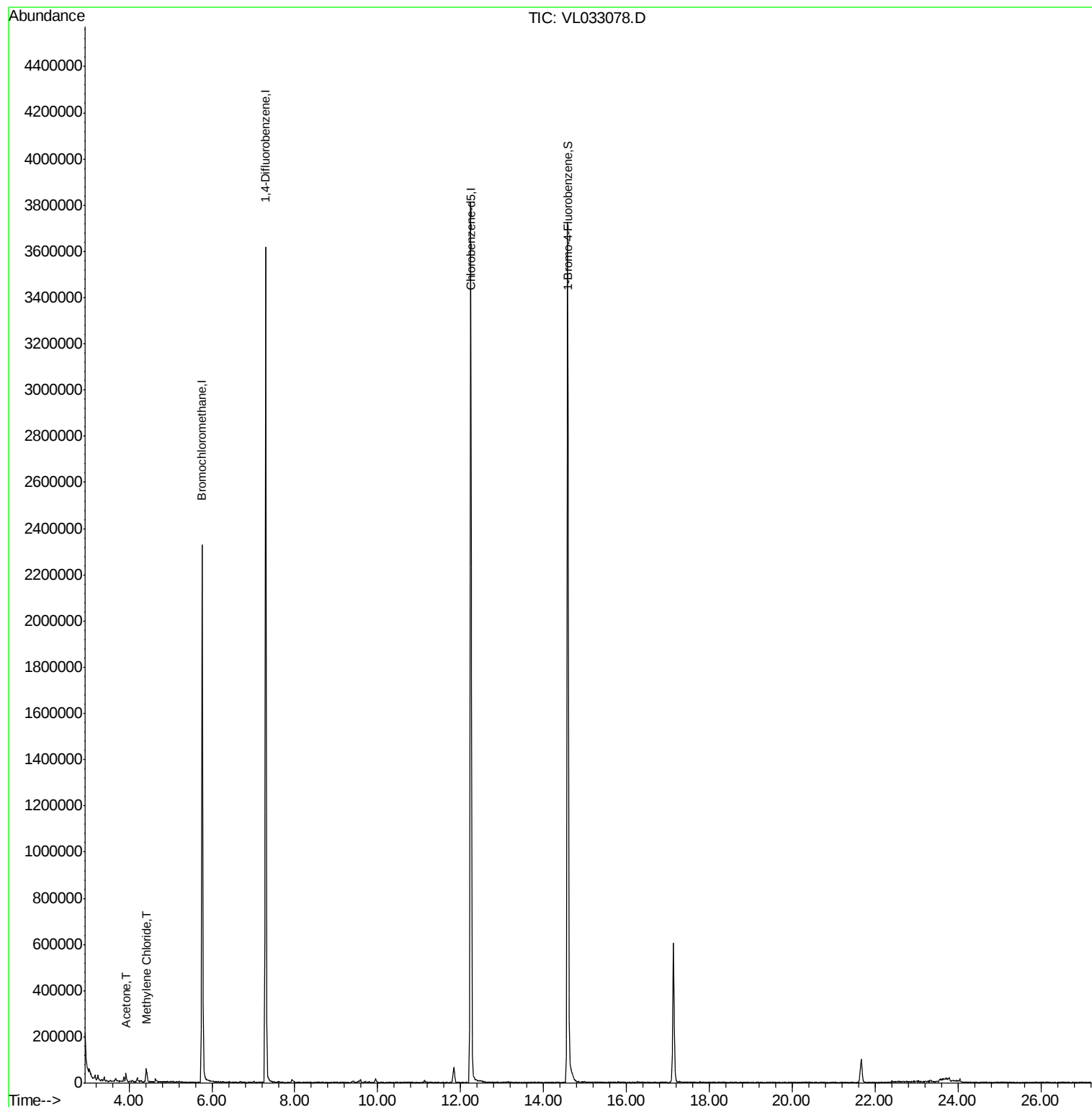
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Data File : VL033078.D
Acq On : 4 Jan 2019 21:41
Operator : SY/AP
Sample : J6594-02DL2 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

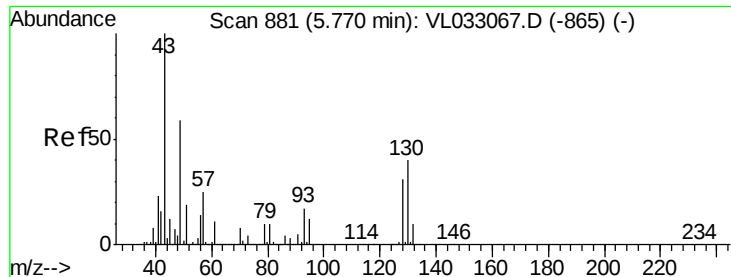
Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19DL2

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Quant Time: Jan 05 03:02:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration





#1

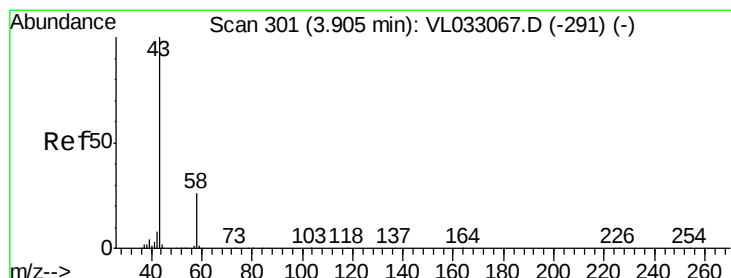
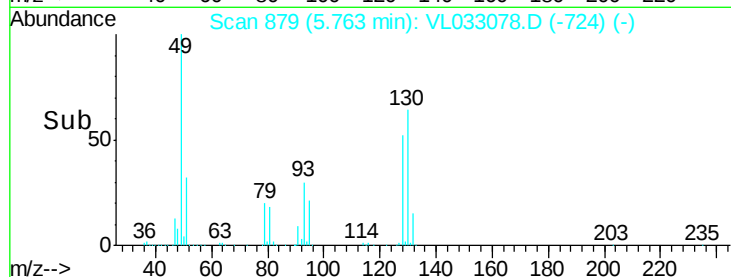
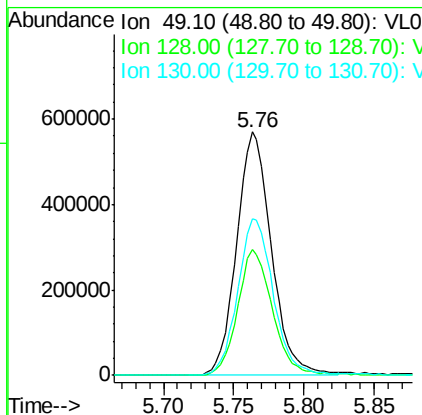
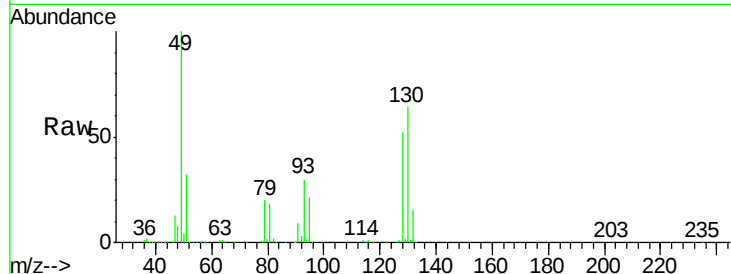
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.76 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: VL033078.D
 Acq: 4 Jan 2019 21:41

Instrument :
 MSVOA_L
 ClientSampleId :
 SVI-OA1-2018-12-19DL2

Tot Ion	Ratio	Lower	Upper
49	100		
128	52.5	26.2	78.5
130	66.6	33.6	100.6

Manual Integrations
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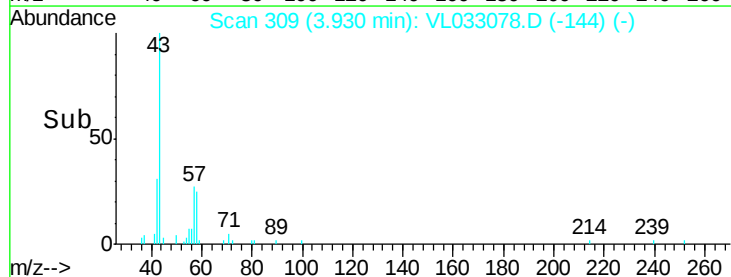
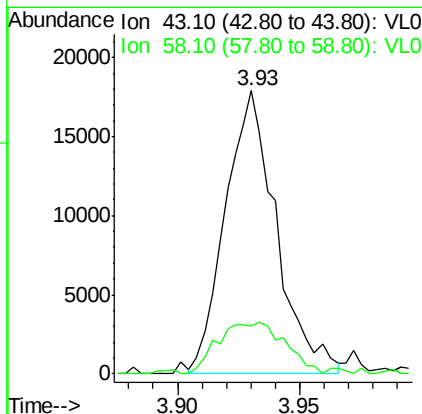
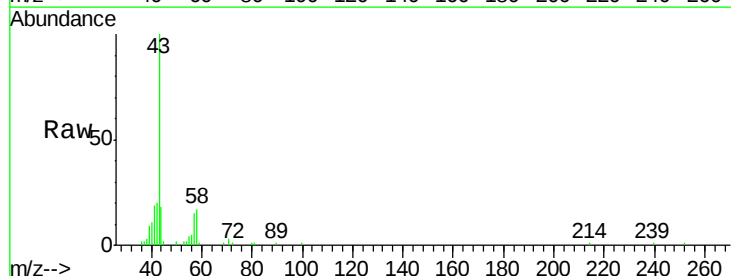
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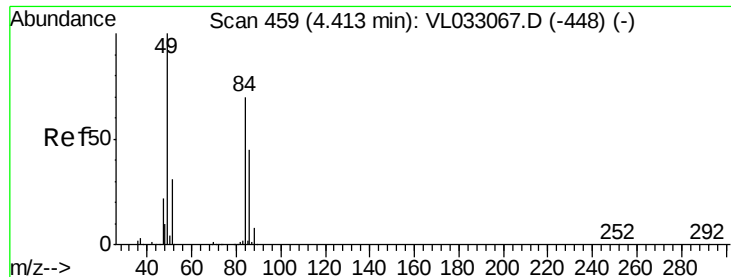


#15

Acetone
 Concen: 0.190 ppbv
 RT: 3.93 min Scan# 309
 Delta R.T. 0.03 min
 Lab File: VL033078.D
 Acq: 4 Jan 2019 21:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.2	21.1	31.7





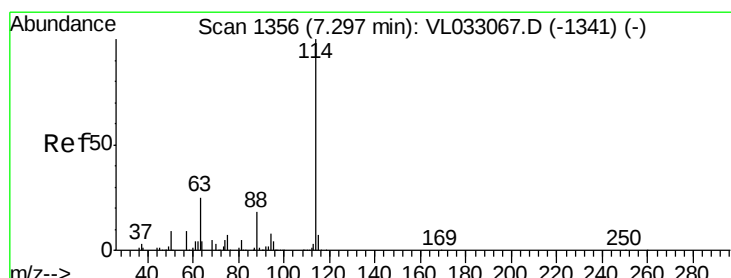
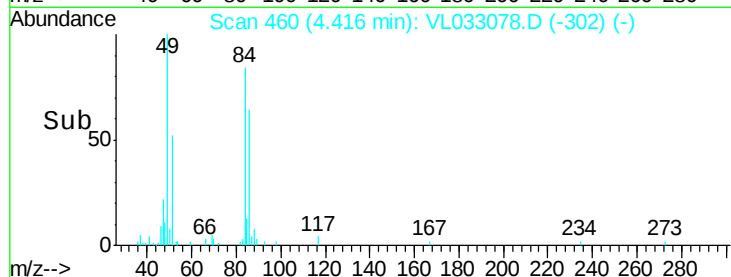
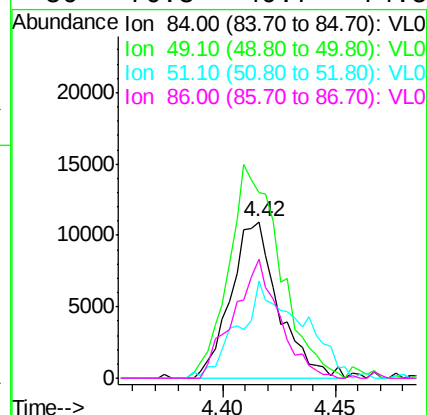
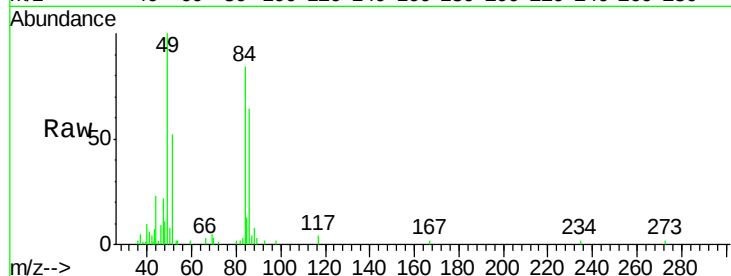
#20
Methvlene Chloride
Concen: 0.283 ppbv m
RT: 4.42 min Scan# 460
Delta R.T. 0.01 min
Lab File: VL033078.D
Acq: 4 Jan 2019 21:41

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19DL2

Tot Ion	84	Resp	16118
Ion	Ratio	Lower	Upper
84	100		
49	118.8	115.8	173.6
51	62.2	35.7	53.5#
86	76.3	49.7	74.5#

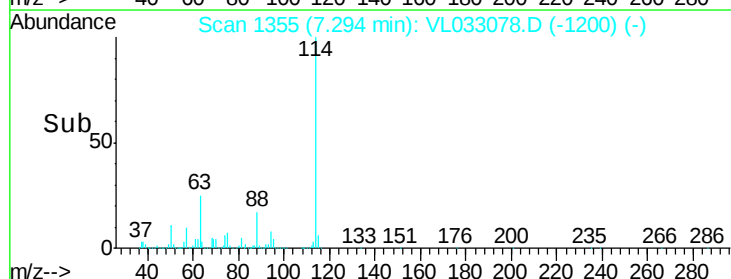
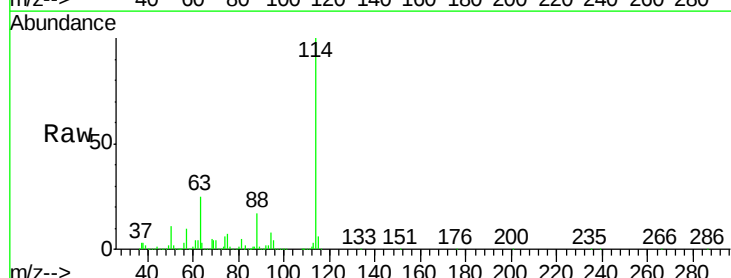
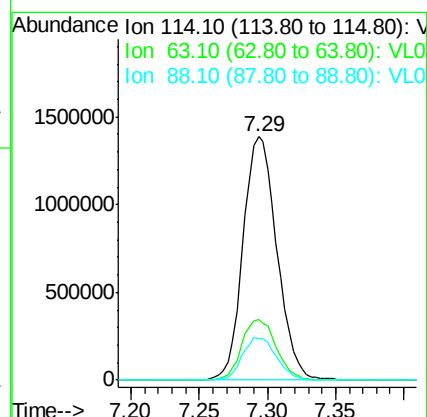
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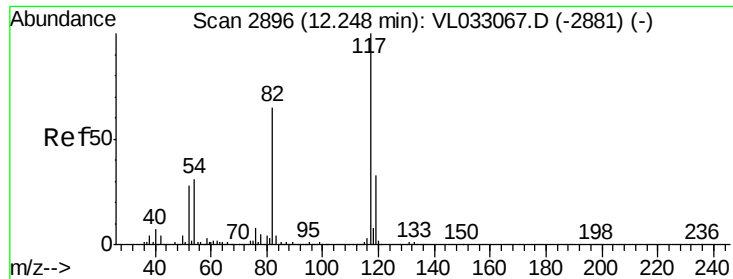
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VL033078.D
Acq: 4 Jan 2019 21:41

Tgt Ion	114	Resp	2385126
Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.1	30.1
88	17.7	14.0	21.0





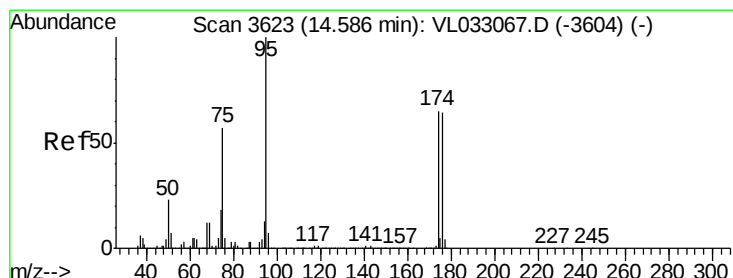
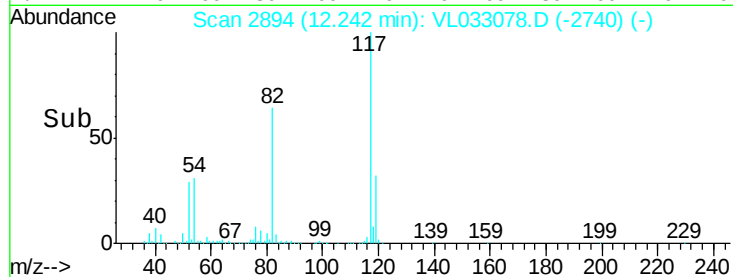
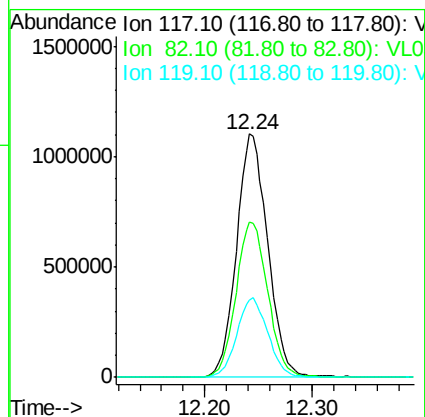
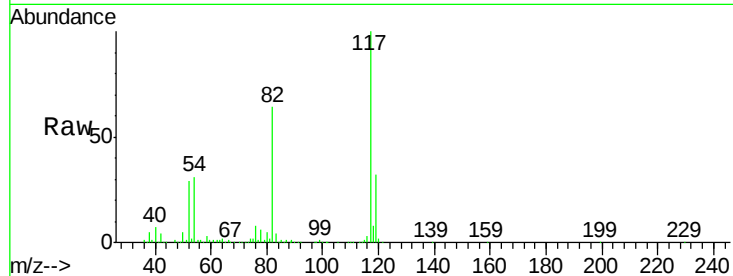
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL033078.D
Acq: 4 Jan 2019 21:41

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19DL2

Tot Ion: 117 Resp: 2223697
Ion Ratio Lower Upper
117 100
82 65.6 48.9 73.3
119 32.6 24.6 37.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.970 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL033078.D
Acq: 4 Jan 2019 21:41

Tgt Ion: 95 Resp: 1699506
Ion Ratio Lower Upper
95 100
174 64.6 51.9 77.9
175 4.6 3.9 5.9

