

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\
 Data File : VL034875.D
 Acq On : 10 Mar 2020 20:57
 Operator : SY/AP
 Sample : L1861-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-2DL

Manual Integrations
 APPROVED

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Quant Time: Mar 11 07:36:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	926455	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2052598	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1991795	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1631453	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	37254m	0.754	ppbv	
13) Ethanol	3.57	45	318731	21.217	ppbv	92
15) Acetone	3.83	43	114098	0.950	ppbv #	71

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

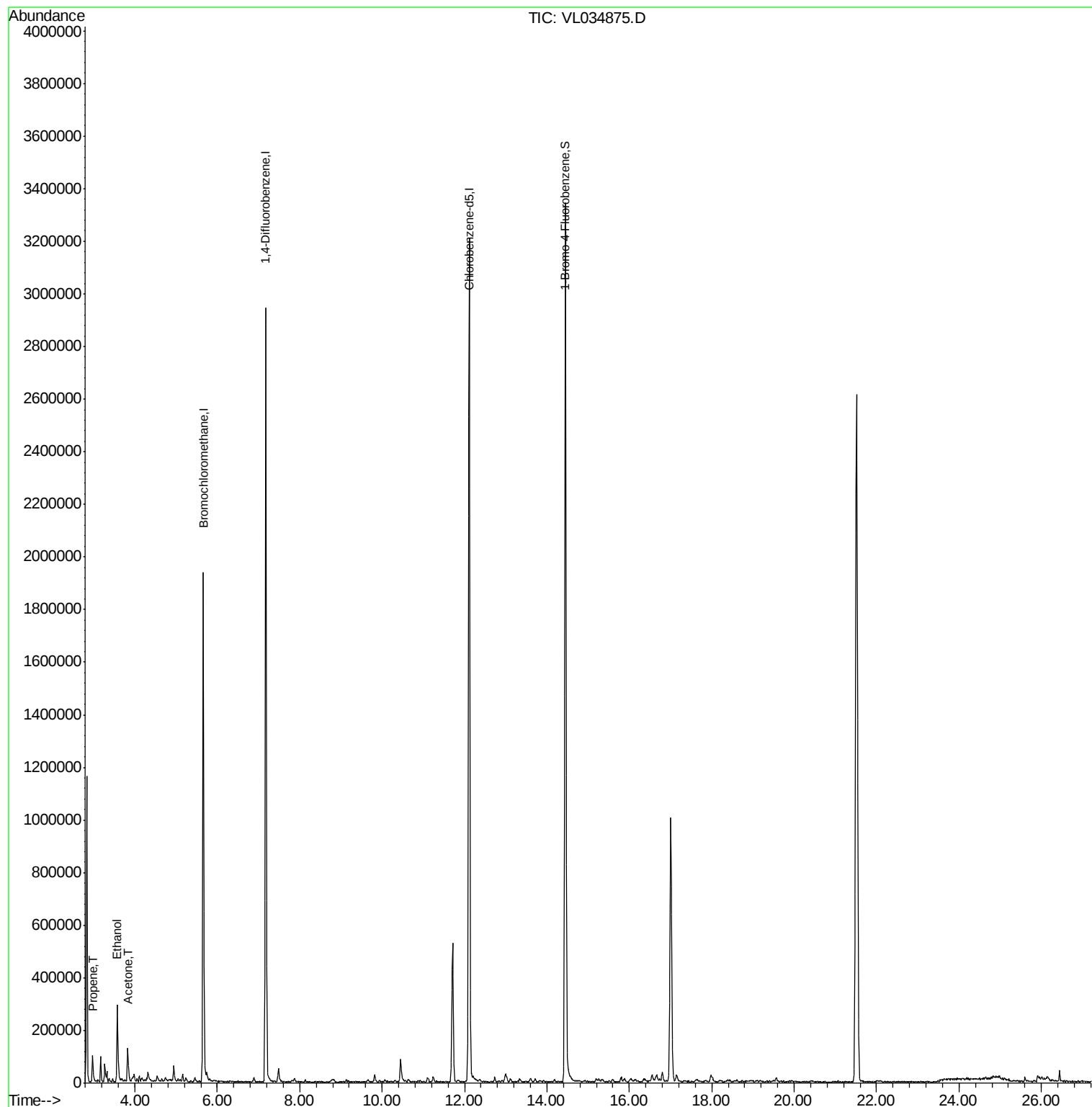
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031020\
Data File : VL034875.D
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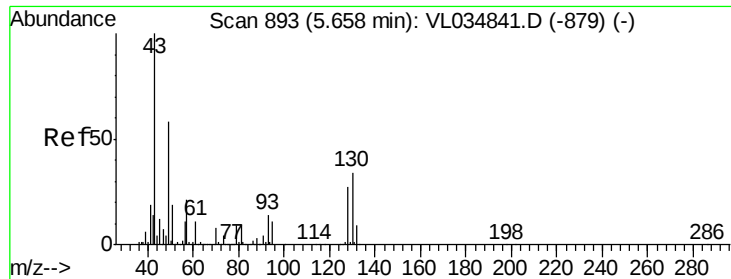
Instrument :
MSVOA_L
ClientSampleId :
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QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

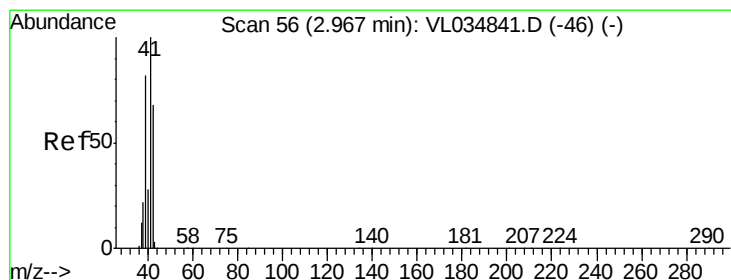
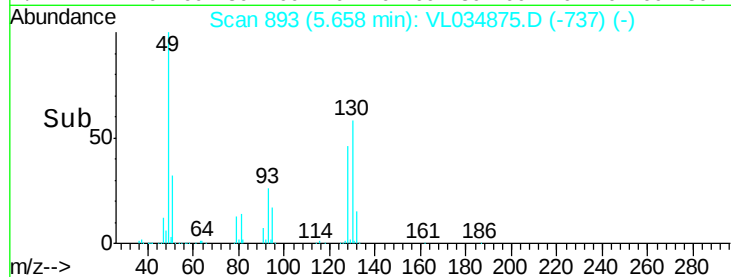
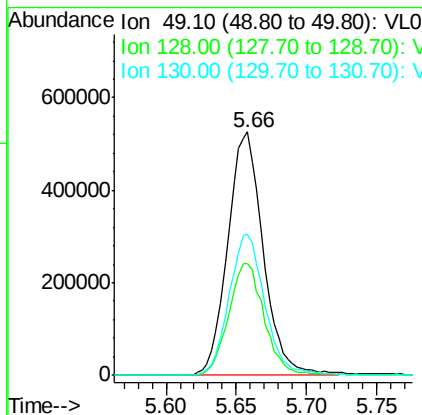
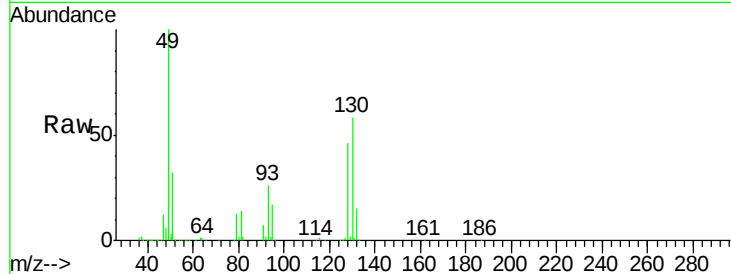
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VL034875.D
 Acq: 10 Mar 2020 20:57

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-2DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	46.6	23.4	70.3
130	58.7	30.0	90.0

Manual Integrations
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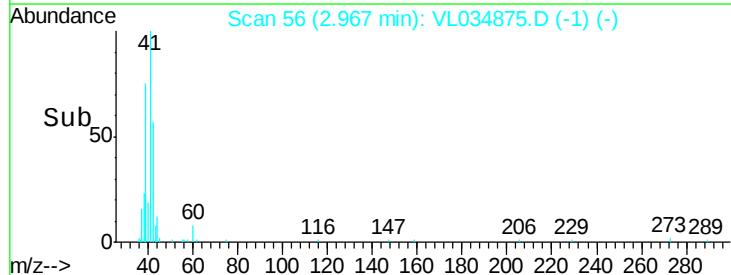
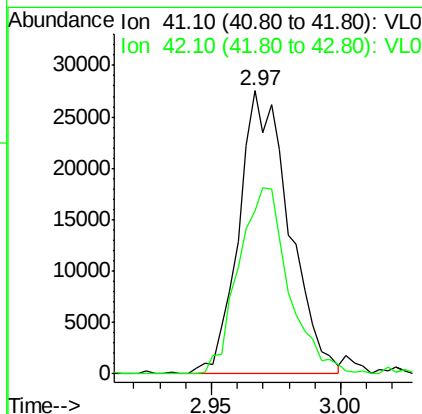
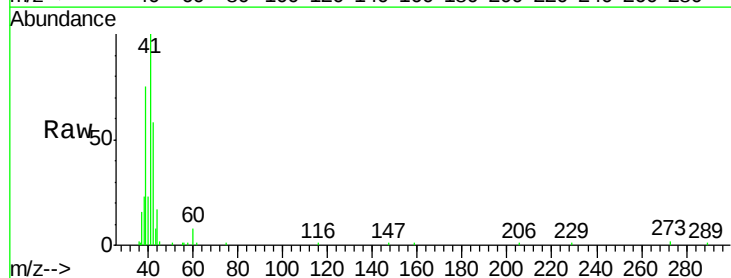
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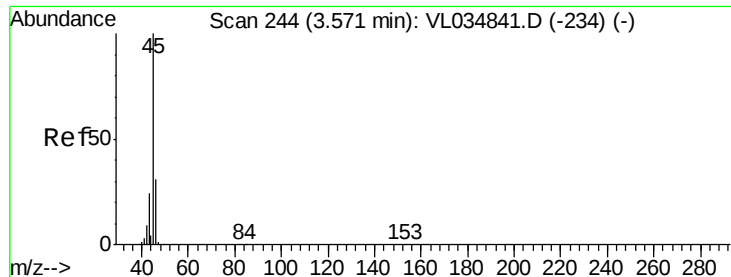


#9

Propene
 Concen: 0.754 ppbv m
 RT: 2.97 min Scan# 56
 Delta R.T. 0.00 min
 Lab File: VL034875.D
 Acq: 10 Mar 2020 20:57

Tgt Ion	Ratio	Lower	Upper
41	100		
42	66.0	55.2	82.8





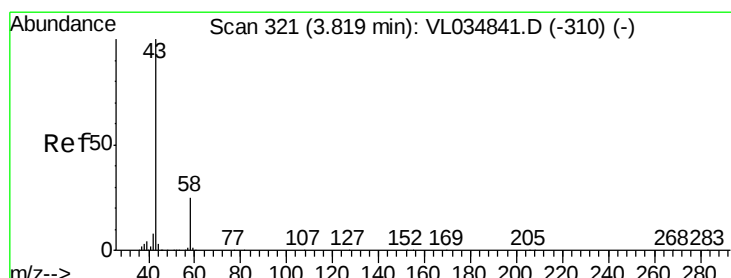
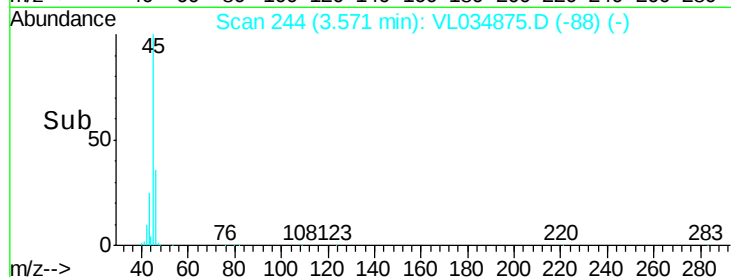
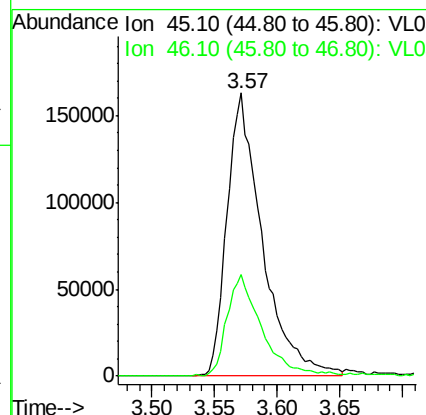
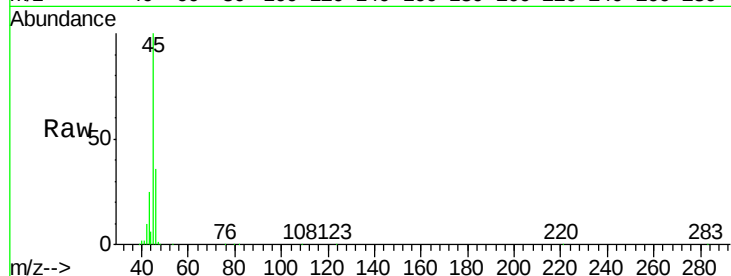
#13
Ethanol
Concen: 21.217 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL034875.D
Acq: 10 Mar 2020 20:57

Instrument :
MSVOA_L
ClientSampleId :
NS-2DL

Tot Ion	45	Resp	318731
Ion Ratio	100	Lower	Upper
46	35.1	16.0	64.0

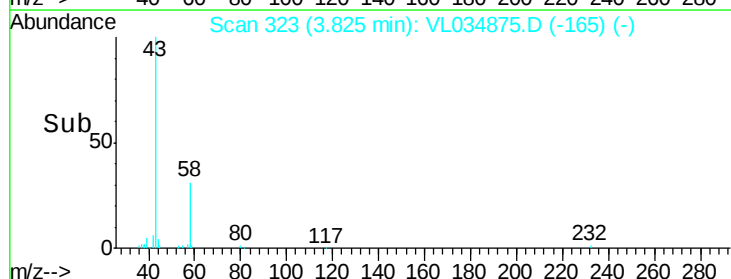
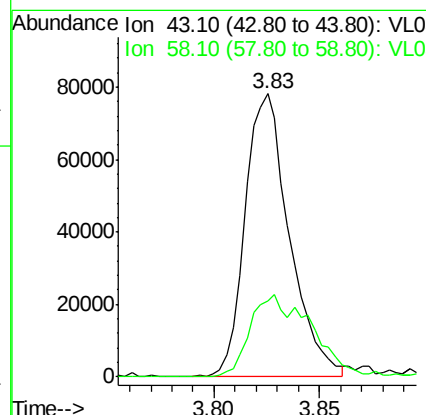
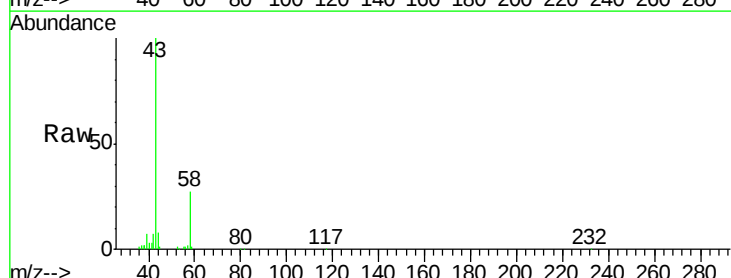
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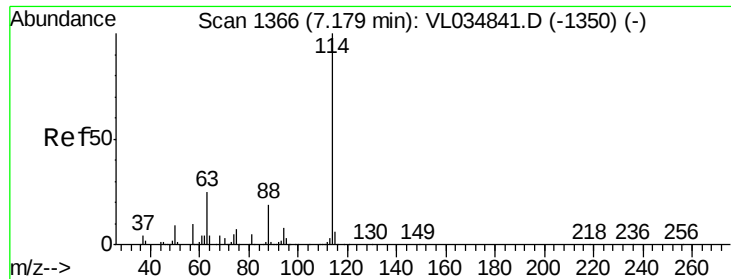
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#15
Acetone
Concen: 0.950 ppbv
RT: 3.83 min Scan# 323
Delta R.T. 0.01 min
Lab File: VL034875.D
Acq: 10 Mar 2020 20:57

Tgt Ion	43	Resp	114098
Ion Ratio	100	Lower	Upper
58	41.1	21.0	31.6#





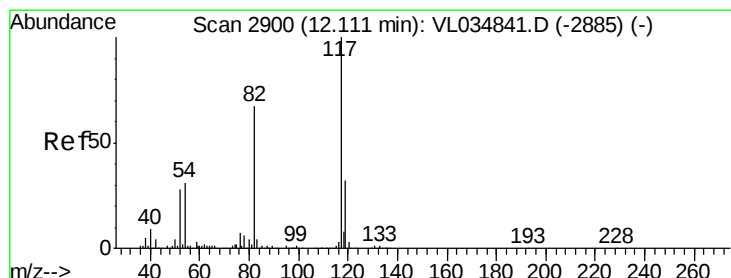
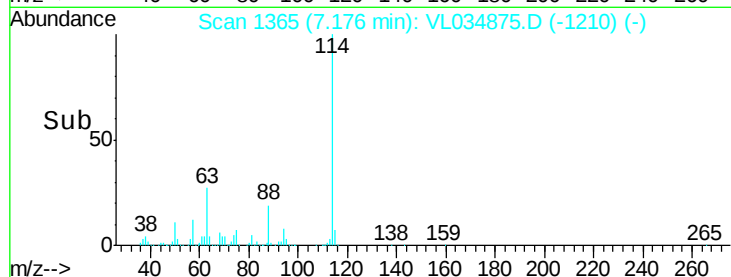
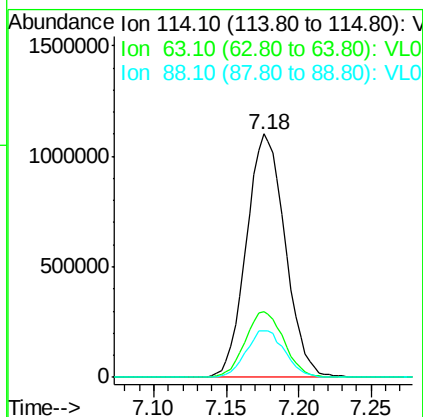
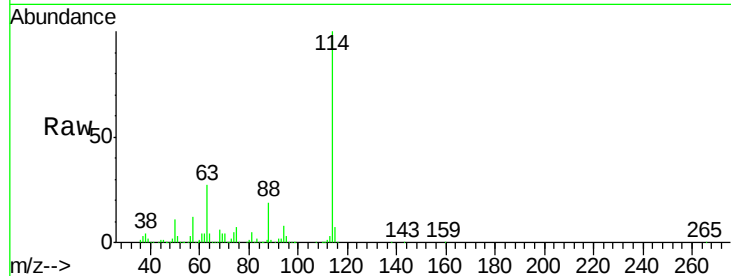
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL034875.D
 Acq: 10 Mar 2020 20:57

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.1	20.6	31.0
88	19.2	15.0	22.6

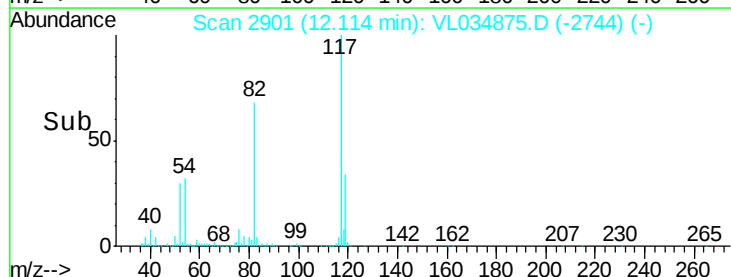
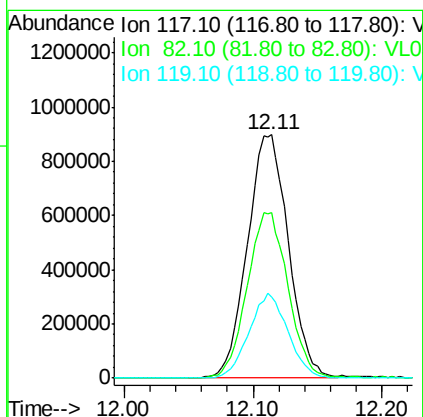
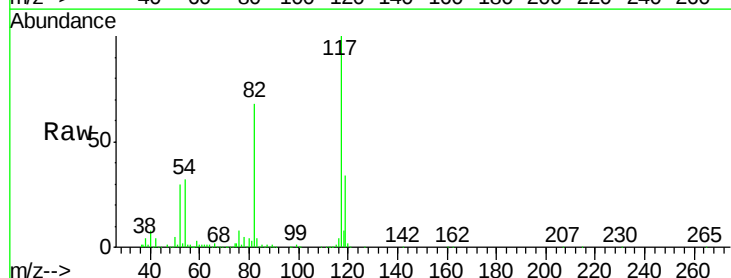
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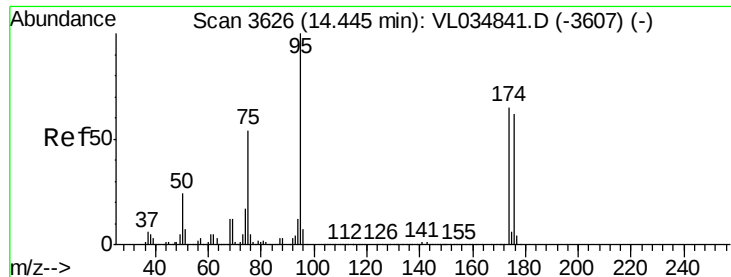
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. 0.00 min
 Lab File: VL034875.D
 Acq: 10 Mar 2020 20:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.1	51.1	76.7
119	33.3	27.3	40.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.503 ppbv
 RT: 14.45 min Scan# 3627
 Delta R.T. 0.00 min
 Lab File: VL034875.D
 Acq: 10 Mar 2020 20:57

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-2DL

Tot Ion: 95 Resp: 1631453
 Ion Ratio Lower Upper
 95 100
 174 65.8 55.2 82.8
 175 5.0 4.3 6.5

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