

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035358.D
 Acq On : 6 Aug 2020 20:29
 Operator : SY/AP
 Sample : L3554-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2-ABOVE-GROUND DL

Manual Integrations
 APPROVED

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 8/7/2020 12:53:59 PM

Quant Time: Aug 09 21:11:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 0
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1410020	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3509575	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	3298790	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2743634	9.97	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	42736m	0.745	ppbv	
13) Ethanol	3.57	45	111838m	5.654	ppbv	
15) Acetone	3.82	43	220137	1.099	ppbv	97
53) Toluene	9.81	91	48541m	0.188	ppbv	

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

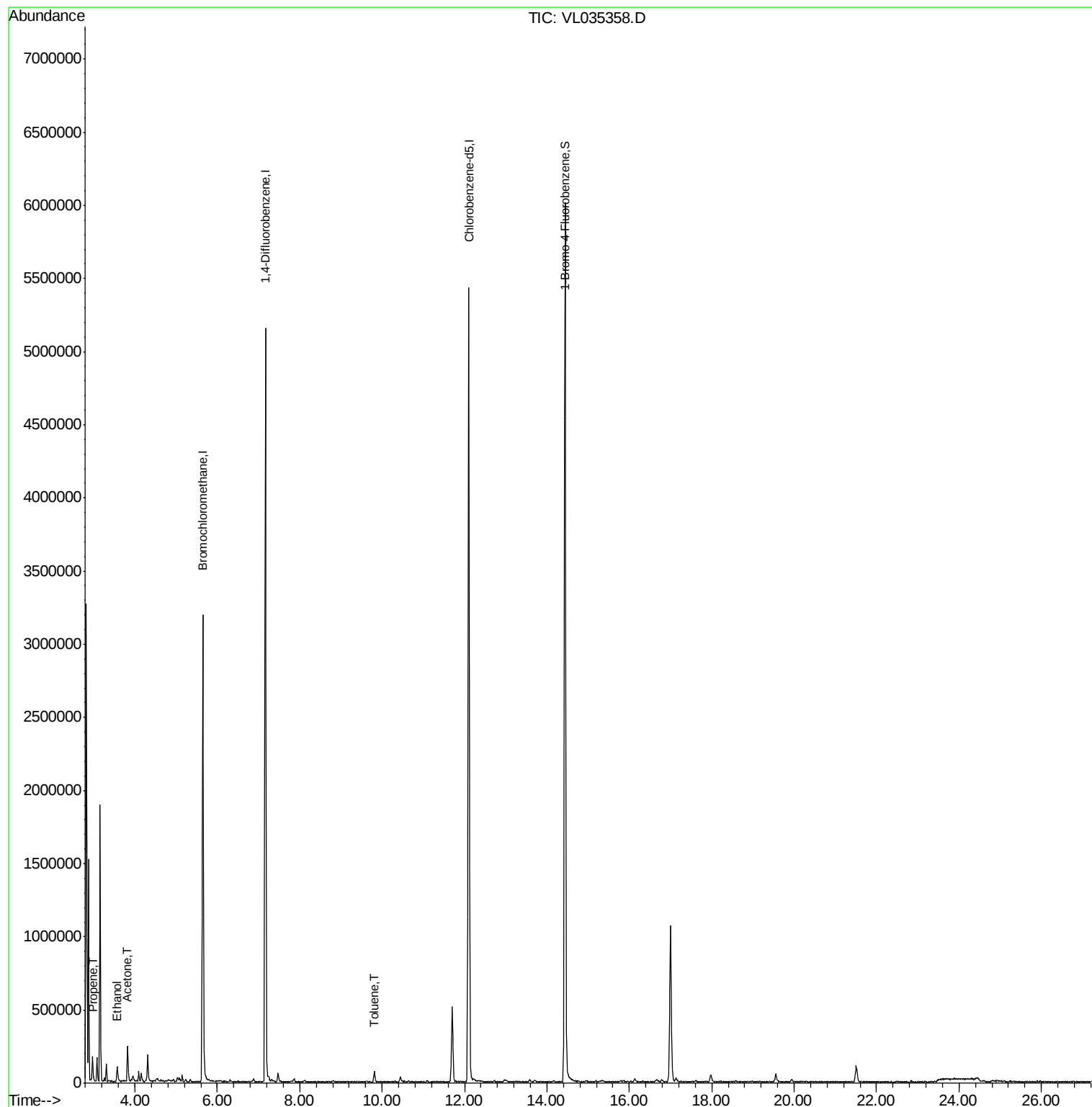
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080620\
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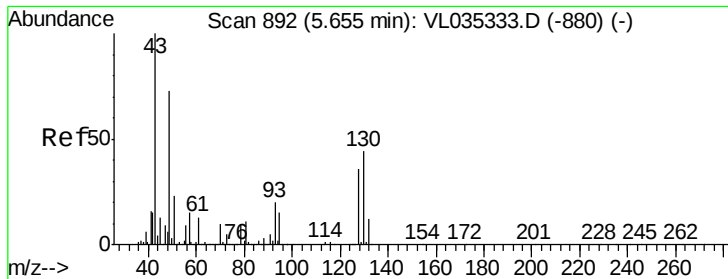
Instrument :
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QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration





#1

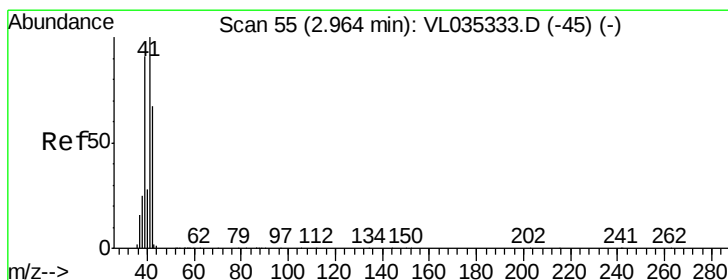
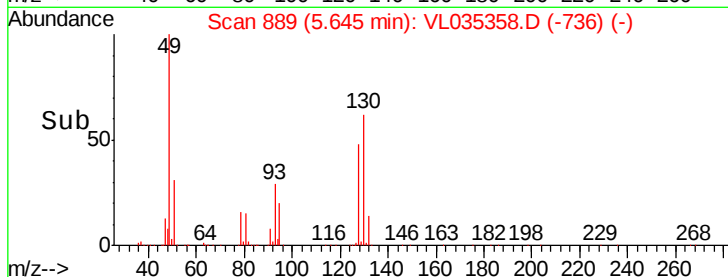
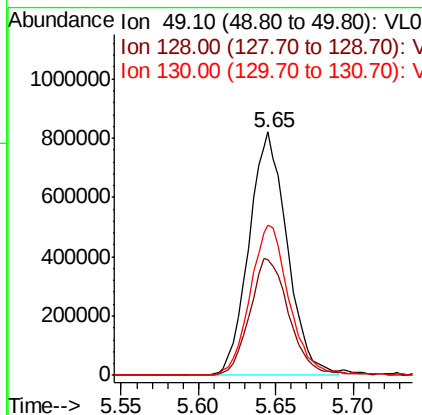
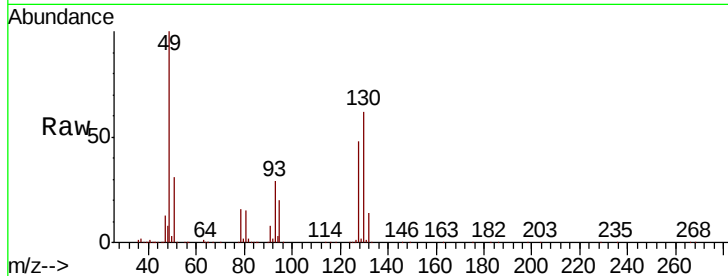
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: VL035358.D
 Acq: 6 Aug 2020 20:29

Instrument :
 MSVOA_L
 ClientSampleId :
 2-ABOVE-GROUND

Tot Ion: 49 Resp: 1410020
 Ion Ratio Lower Upper
 49 100
 128 50.0 25.4 76.0
 130 63.8 32.1 96.3

Manual Integrations
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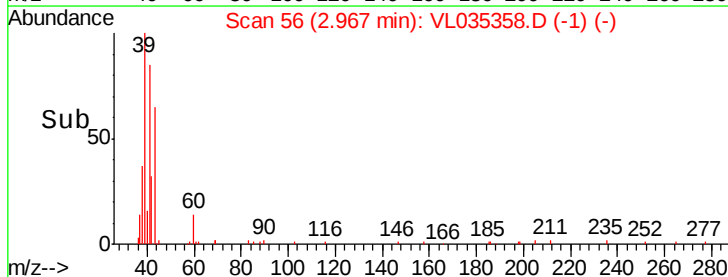
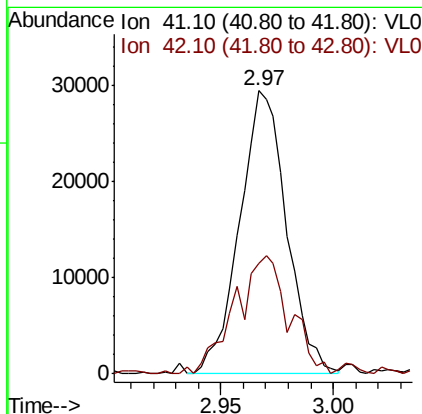
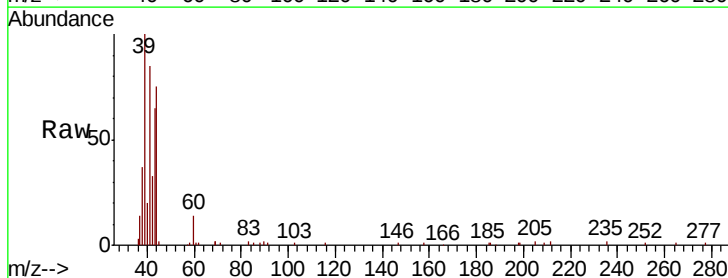
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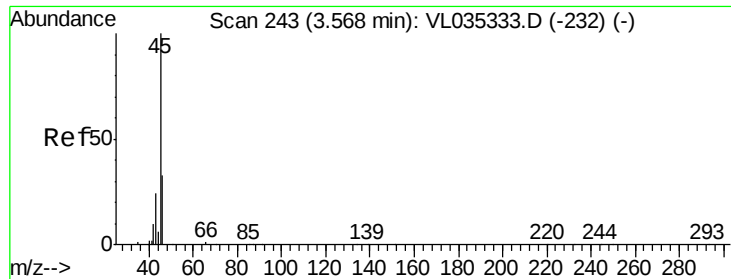


#9

Propene
 Concen: 0.745 ppbv m
 RT: 2.97 min Scan# 56
 Delta R.T. 0.00 min
 Lab File: VL035358.D
 Acq: 6 Aug 2020 20:29

Tgt Ion: 41 Resp: 42736
 Ion Ratio Lower Upper
 41 100
 42 760.3 55.3 82.9#





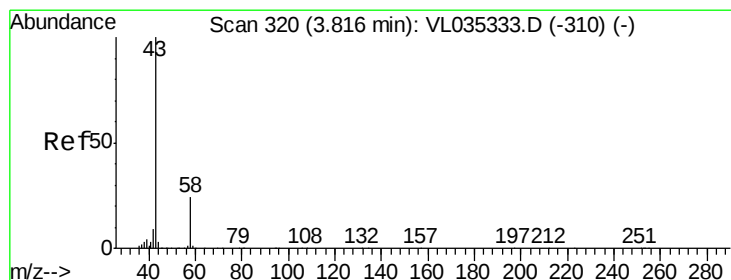
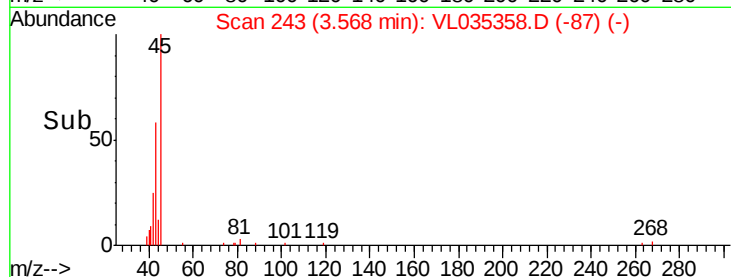
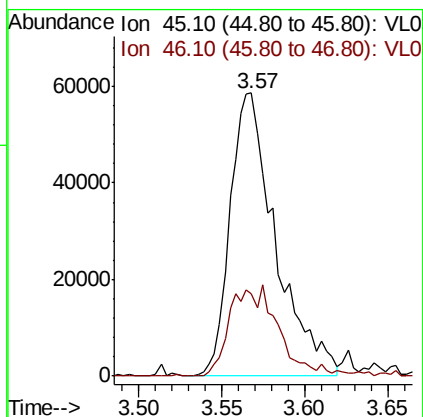
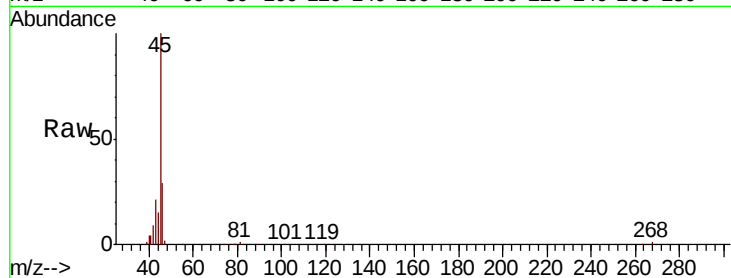
#13
Ethanol
Concen: 5.654 ppbv m
RT: 3.57 min Scan# 243
Delta R.T. -0.00 min
Lab File: VL035358.D
Acq: 6 Aug 2020 20:29

Instrument :
MSVOA_L
ClientSampleId :
2-ABOVE-GROUND

Tot Ion	45	Resp	111838
Ion Ratio	100	Lower	Upper
46	34.9	15.2	61.0

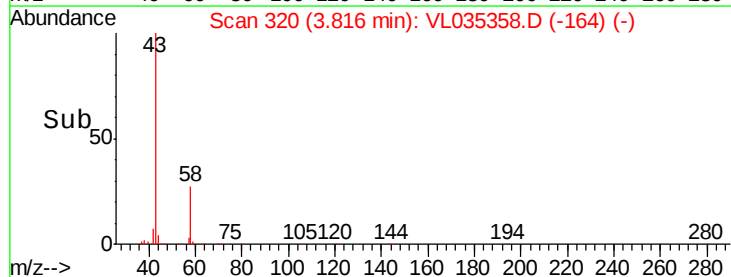
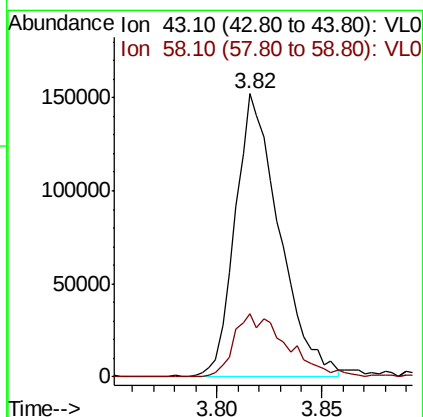
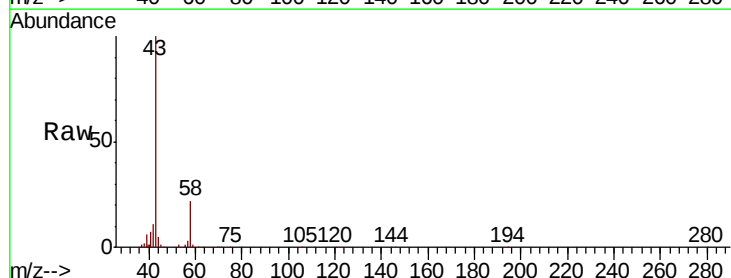
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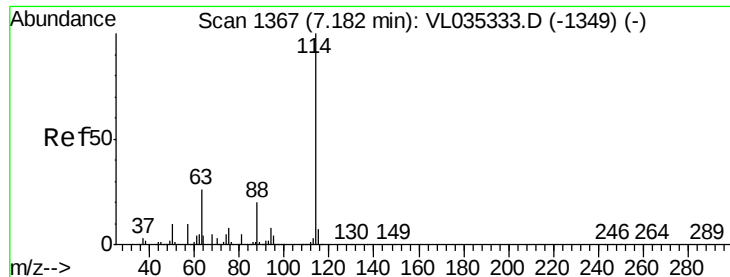
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#15
Acetone
Concen: 1.099 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.00 min
Lab File: VL035358.D
Acq: 6 Aug 2020 20:29

Tgt Ion	43	Resp	220137
Ion Ratio	100	Lower	Upper
58	27.5	21.0	31.4





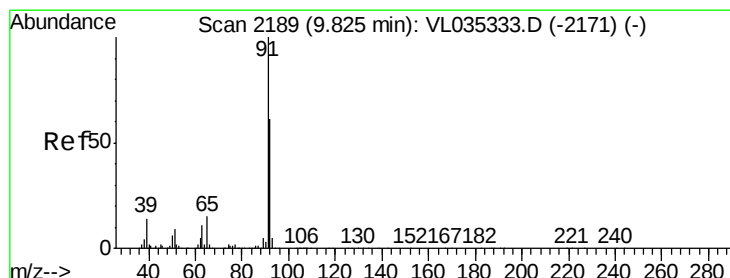
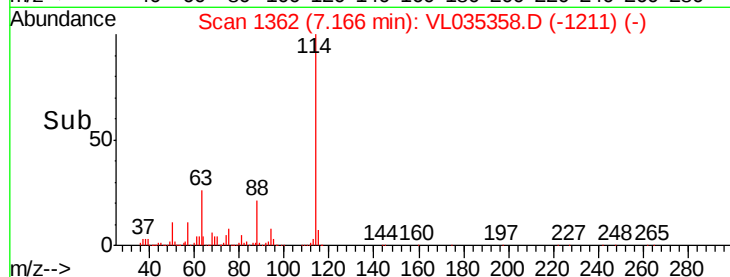
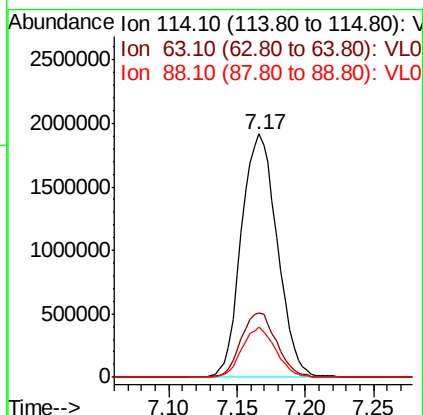
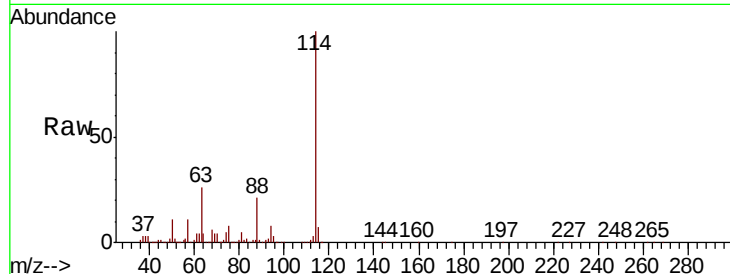
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: VL035358.D
 Acq: 6 Aug 2020 20:29

Instrument :
 MSVOA_L
 ClientSampleId :
 2-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.3	21.3	31.9
88	19.4	15.3	22.9

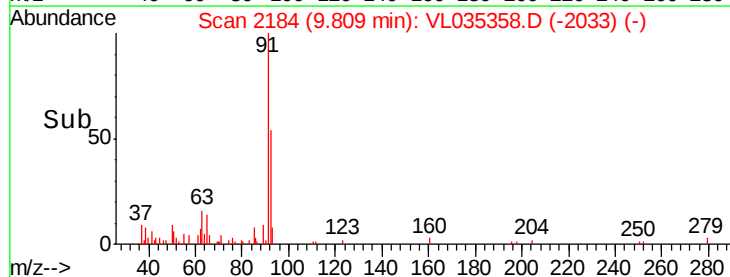
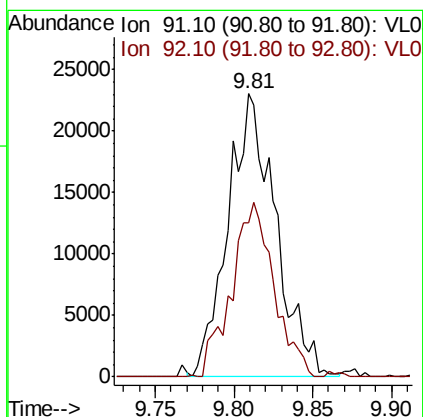
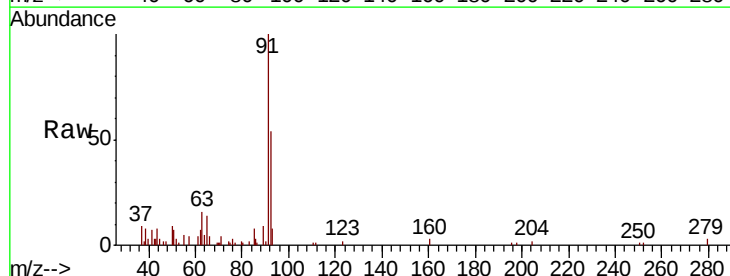
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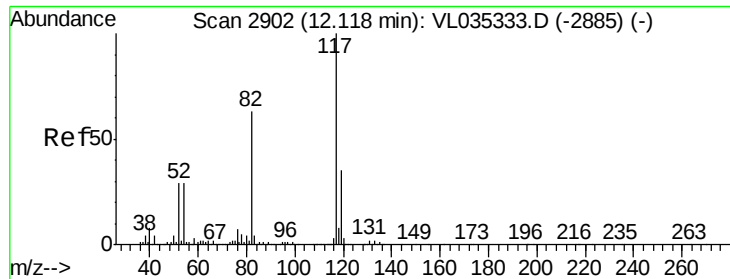
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#53
 Toluene
 Concen: 0.188 ppbv m
 RT: 9.81 min Scan# 2184
 Delta R.T. -0.02 min
 Lab File: VL035358.D
 Acq: 6 Aug 2020 20:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.5	72.7#





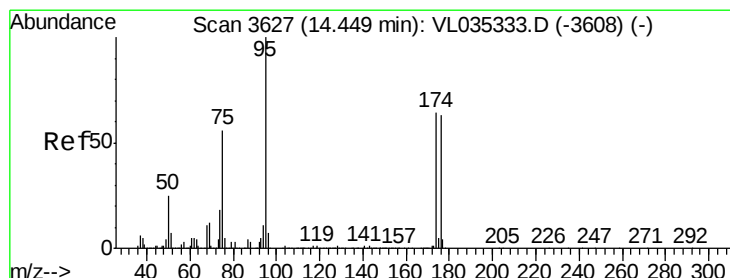
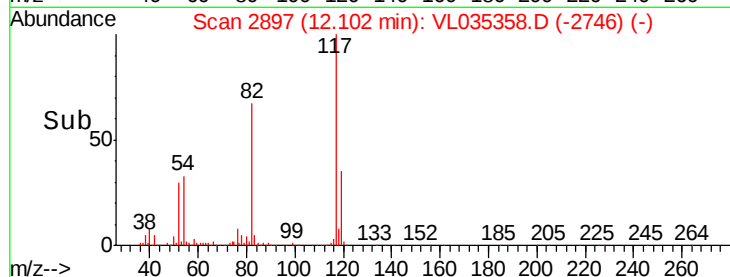
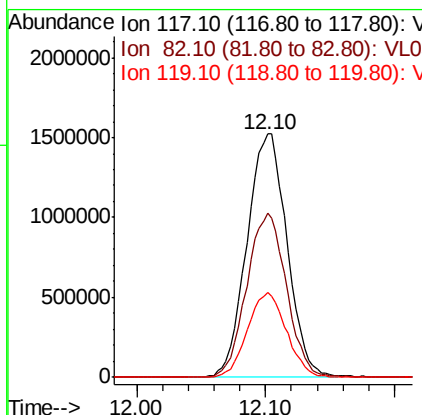
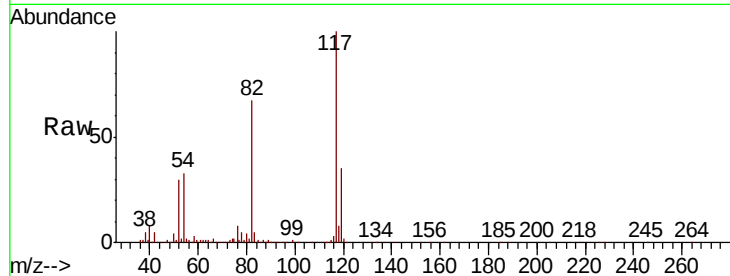
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.02 min
Lab File: VL035358.D
Acq: 6 Aug 2020 20:29

Instrument :
MSVOA_L
ClientSampleId :
2-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.3	51.0	76.4
119	33.9	24.7	37.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.974 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL035358.D
Acq: 6 Aug 2020 20:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.7	53.5	80.3
175	5.0	4.2	6.2

