

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037717.D
 Acq On : 29 Sep 2021 00:25
 Operator : SY/AP
 Sample : M3948-05DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021

Quant Time: Sep 29 21:11:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1393243	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4022015	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3443151	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2435783	9.79	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	1971897	21.272	ppbv	93
15) Acetone	3.86	43	2361380	16.313	ppbv	98
34) 2-Butanone	5.27	43	137793	0.843	ppbv	94
53) Toluene	9.81	91	72905m	0.196	ppbv	

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

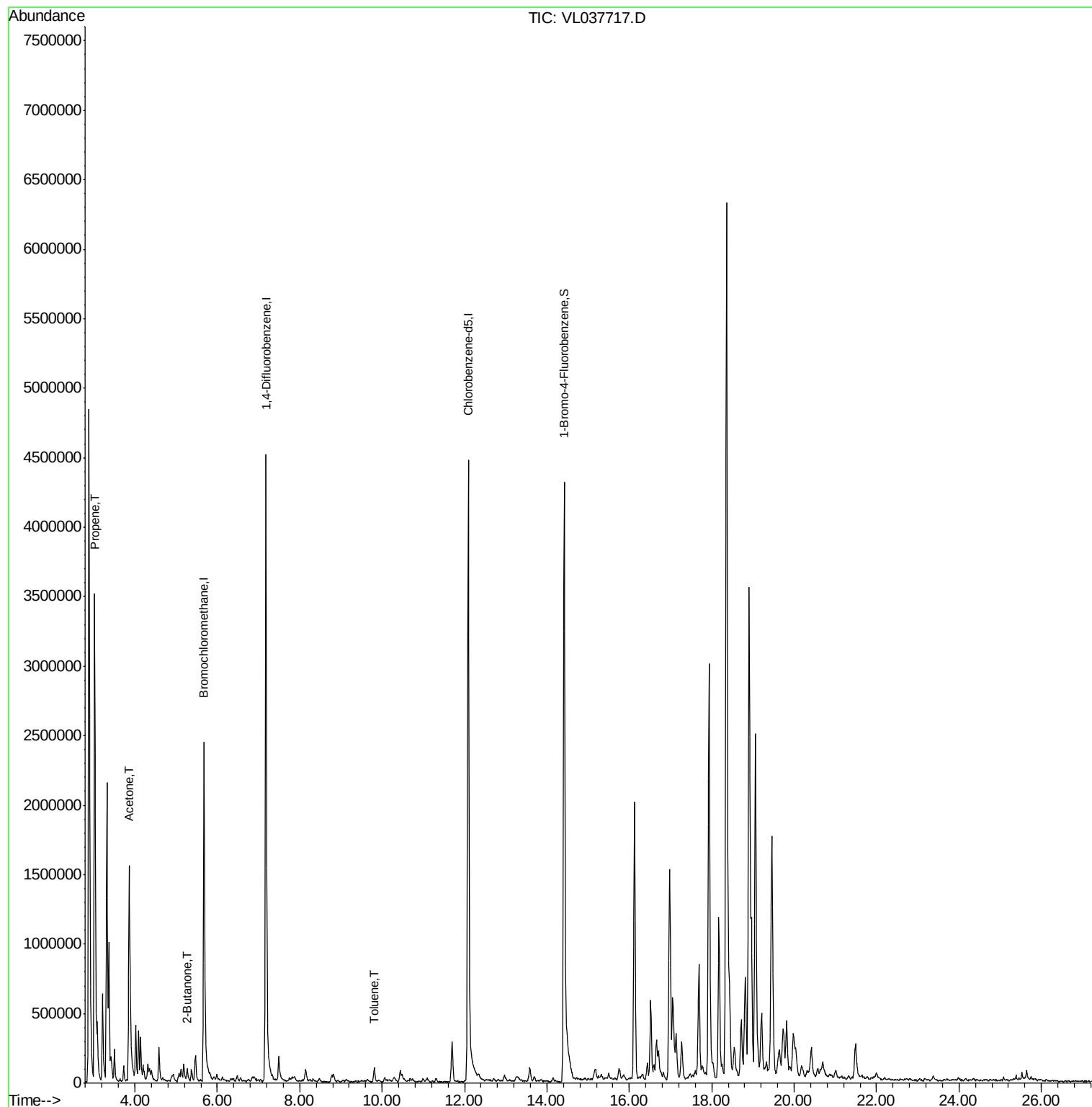
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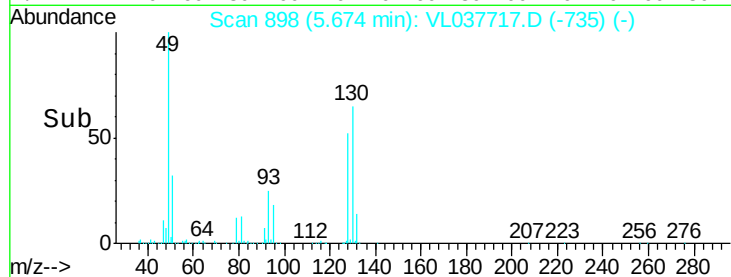
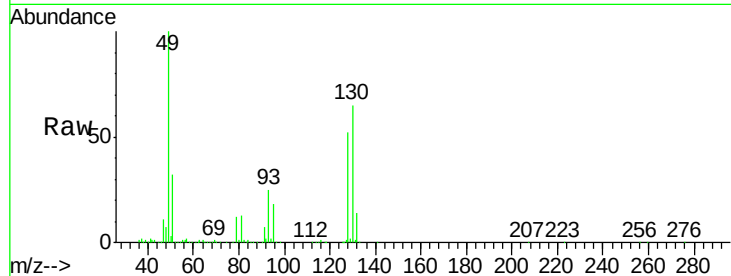
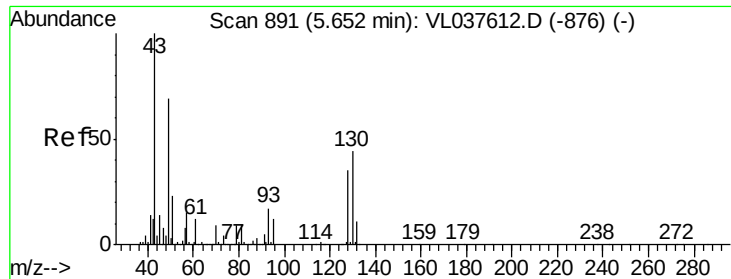
Instrument :
MSVOA_L
ClientSampleId :
SV5DL

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Quant Time: Sep 29 21:11:35 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

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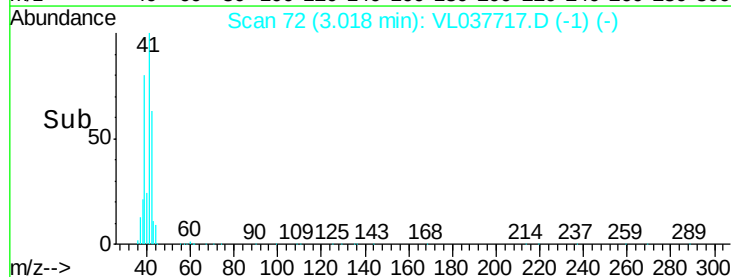
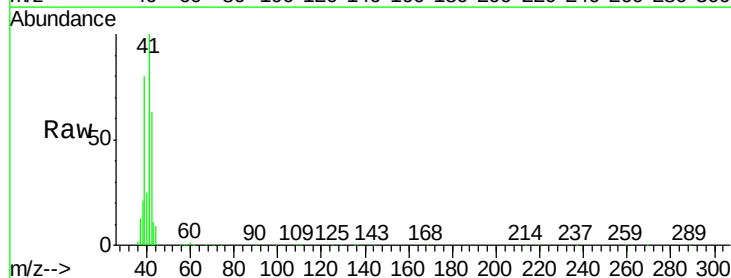
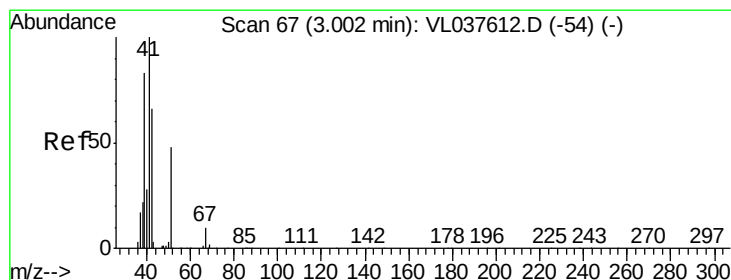
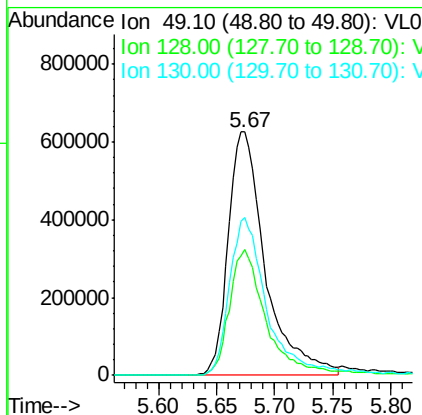


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 29 Sep 2021 00:25

Tgt Ion:
 Ion Ratio
 49 100
 128 53.
 130 67.

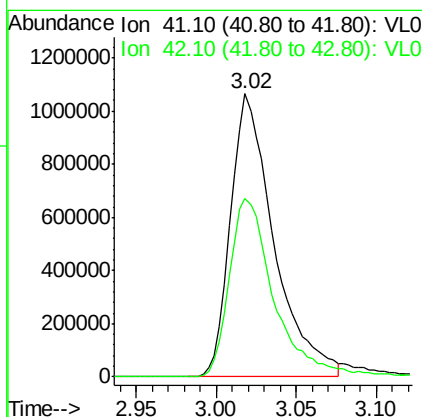
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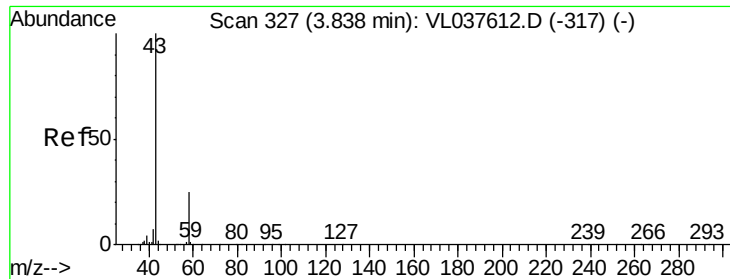
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#9
 Propene
 Concen: 21.272 ppbv
 RT: 3.02 min Scan# 72
 Delta R.T.: 0.02 min
 Lab File: VL037717.D
 Acq: 29 Sep 2021 00:25

Tgt Ion: 41 Resp: 1971897
 Ion Ratio Lower Upper
 41 100
 42 65.4 57.2 85.8



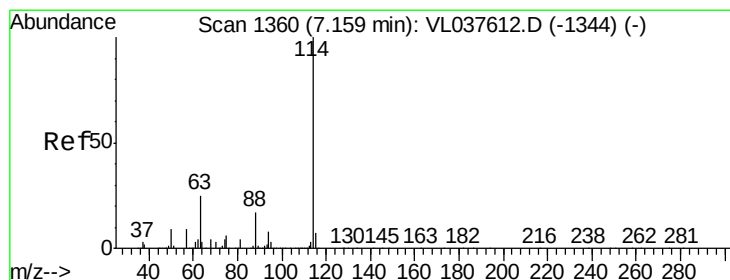
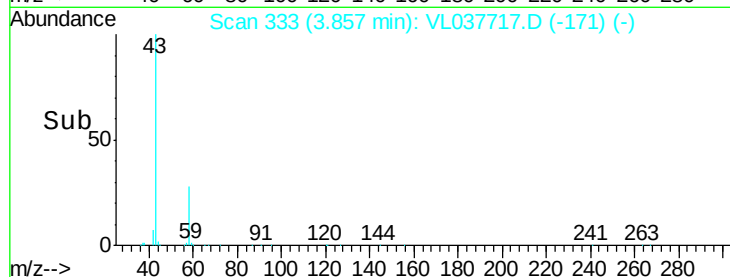
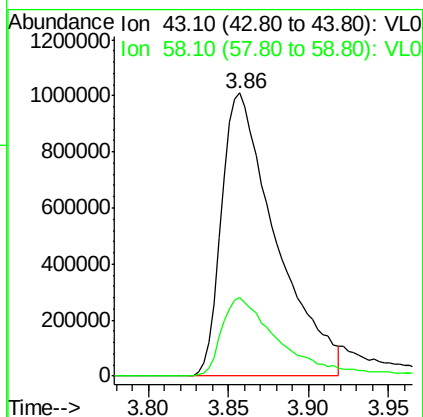
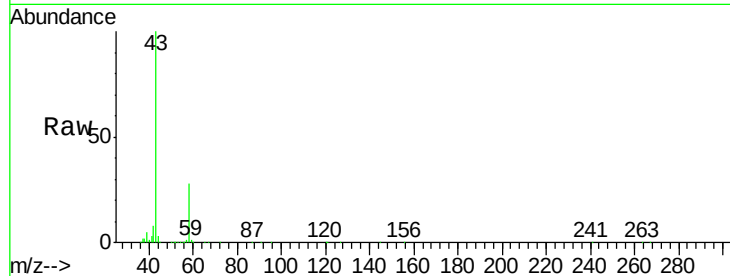


#15
Acetone
Concen: 16.313 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Sep 2021 00:25

Tgt Ion:
Ion Ratio
43 100
58 30.

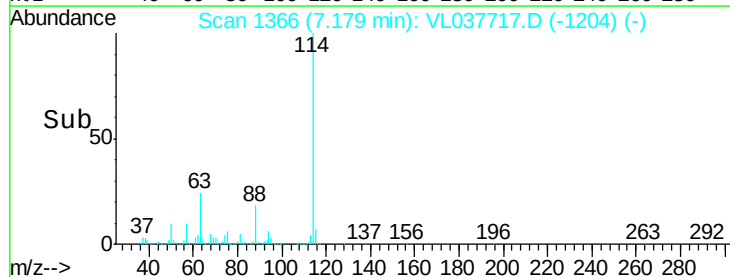
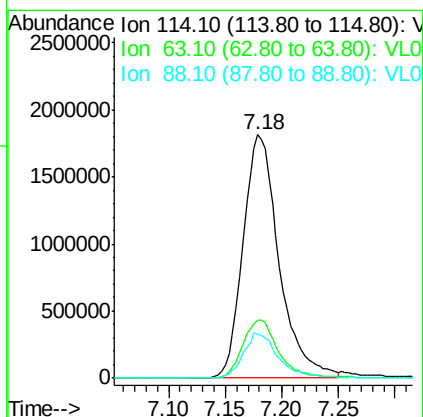
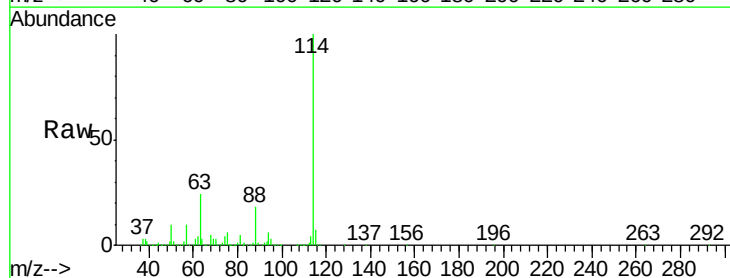
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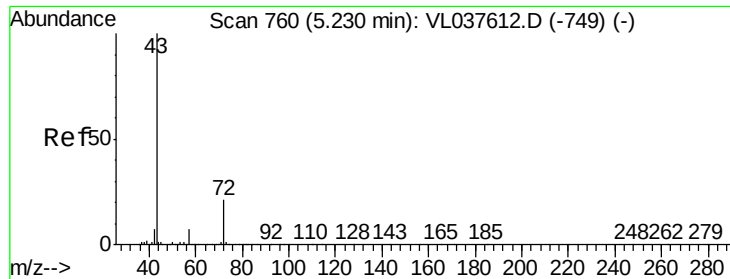
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.02 min
Lab File: VL037717.D
Acq: 29 Sep 2021 00:25

Tgt Ion:114 Resp: 4022015
Ion Ratio Lower Upper
114 100
63 24.2 19.6 29.4
88 18.3 14.2 21.4



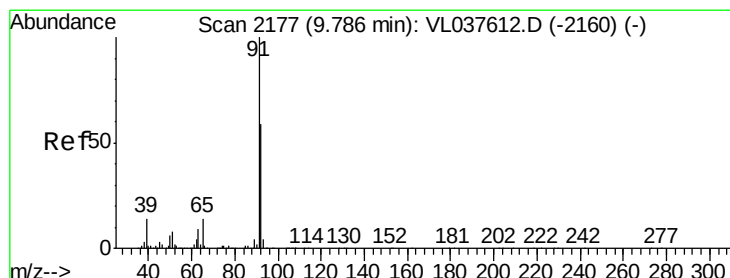
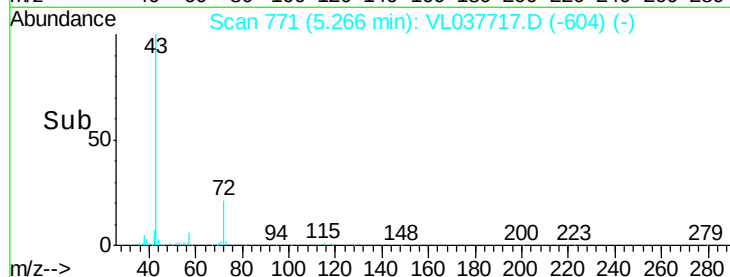
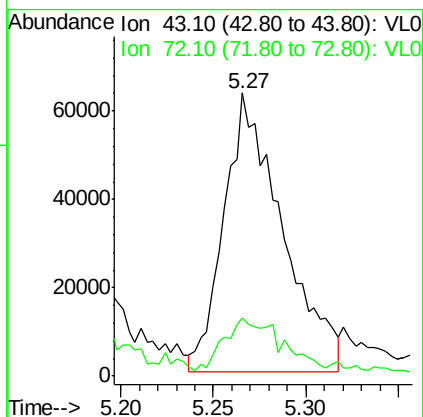
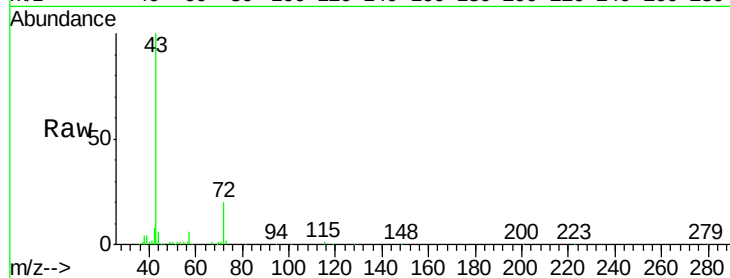


#34
2-Butanone
Concen: 0.843 ppbv
RT: 5.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV5DL
Acq: 29 Sep 2021 00:25

Tgt Ion:
Ion Ratio
43 100
72 25.

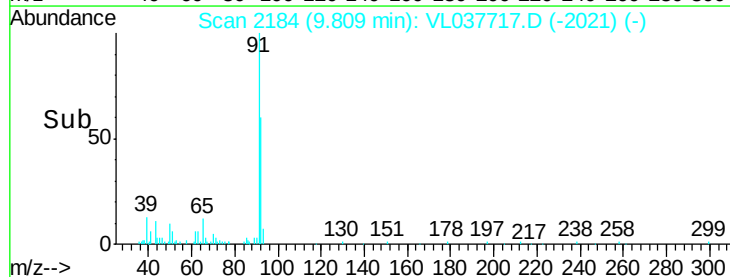
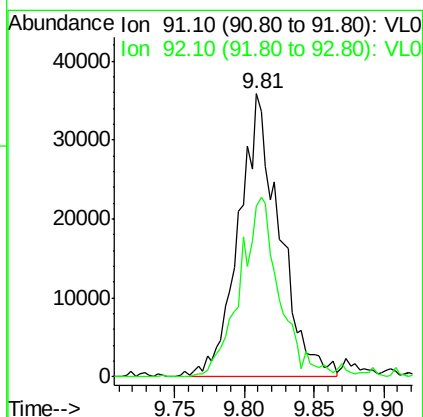
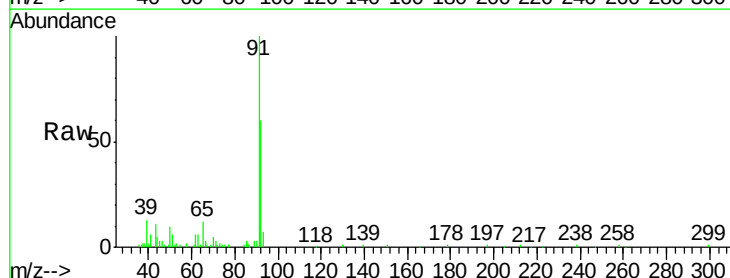
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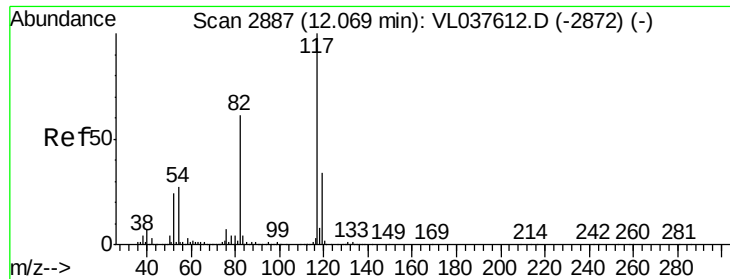
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#53
Toluene
Concen: 0.196 ppbv m
RT: 9.81 min Scan# 2184
Delta R.T. 0.02 min
Lab File: VL037717.D
Acq: 29 Sep 2021 00:25

Tgt Ion: 91 Resp: 72905
Ion Ratio Lower Upper
91 100
92 63.4 48.9 73.3



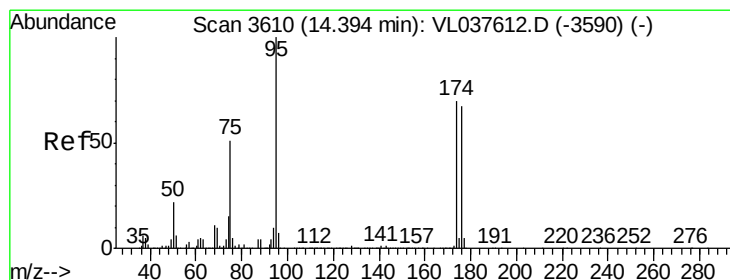
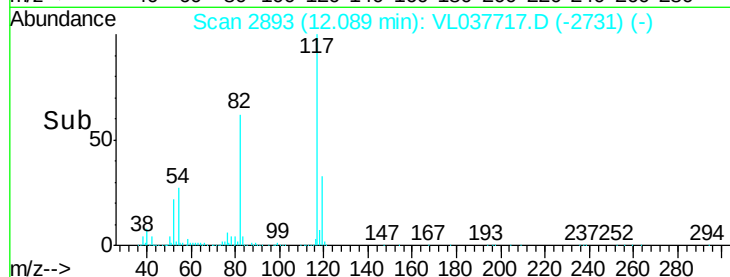
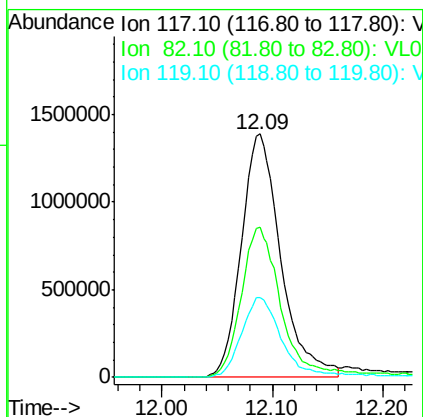
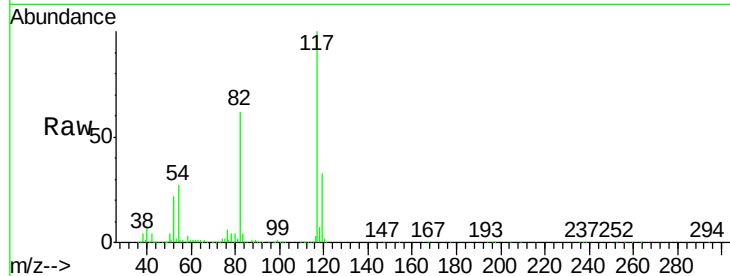


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
SV5DL
Acq: 29 Sep 2021 00:25

Tgt Ion: 117
Ion Ratio: 100
117 100
82 65.
119 35.

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.789 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.03 min
Lab File: VL037717.D
Acq: 29 Sep 2021 00:25

Tgt Ion: 95 Resp: 2435783
Ion Ratio Lower Upper
95 100
174 78.0 56.3 84.5
175 5.8 4.4 6.6

