

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037721.D
 Acq On : 29 Sep 2021 2:55
 Operator : SY/AP
 Sample : M3948-06DL2 66X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV6DL2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/04/2021
 Supervised By : Mahesh Dadoda 10/04/2021

Quant Time: Sep 29 21:17:31 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	1340507	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4041508	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3426649	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2391413	9.66	ppbv	0.02	MMDadoda
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	41631	0.467	ppbv	83
15) Acetone	3.86	43	1315132	9.443	ppbv	99
34) 2-Butanone	5.27	43	112716m	0.686	ppbv	
38) Trichloroethene	7.84	130	60187m	0.428	ppbv	
52) Tetrachloroethene	11.23	164	331140	2.559	ppbv	98

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

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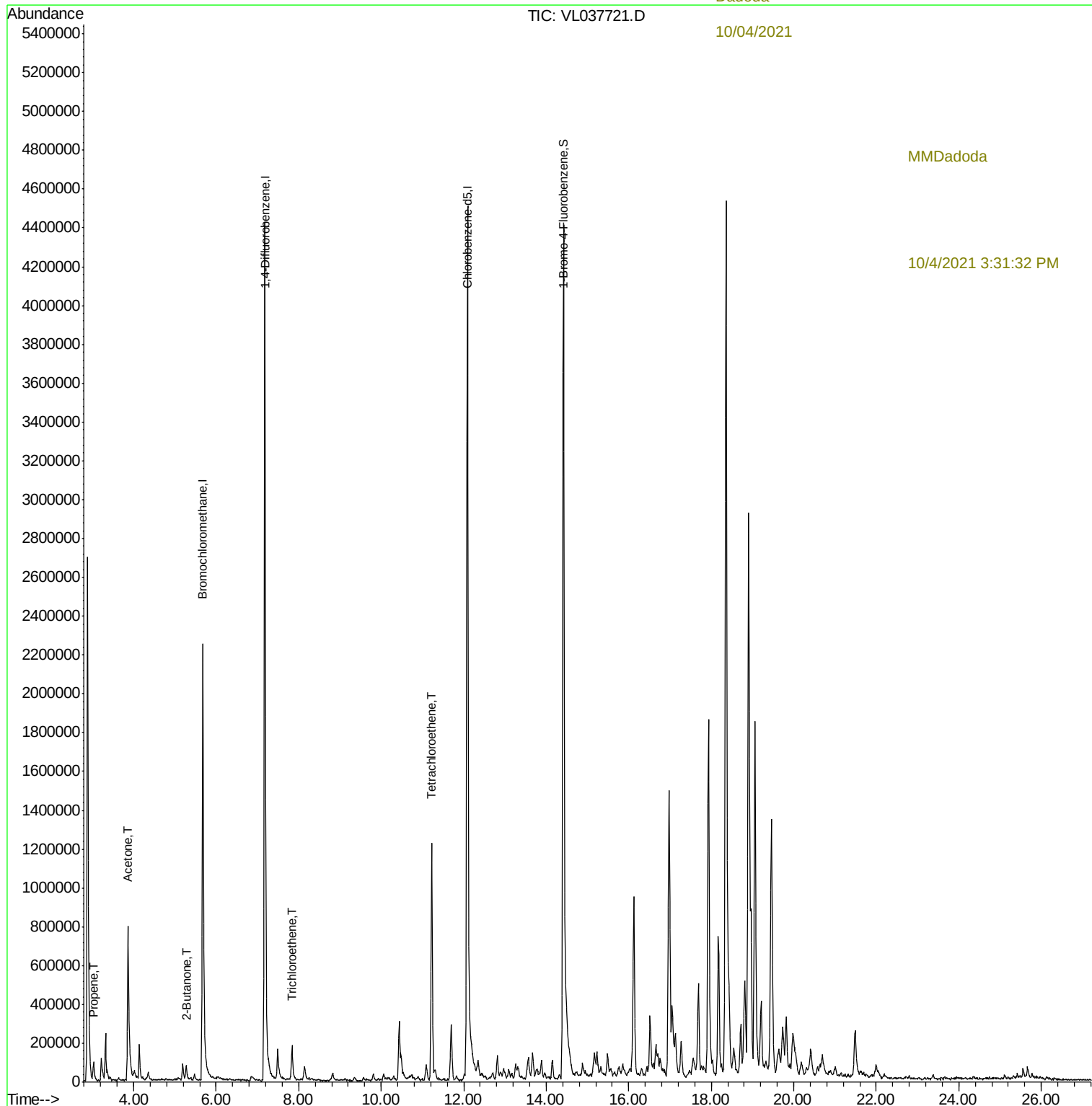
Instrument :
MSVOA_L
ClientSampleId :
SV6DL2

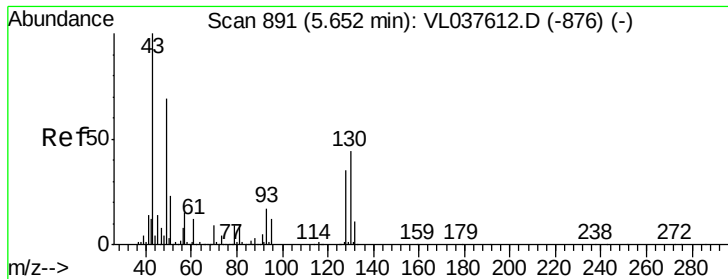
Quant Time: Sep 29 21:17:31 2021
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Dadoda



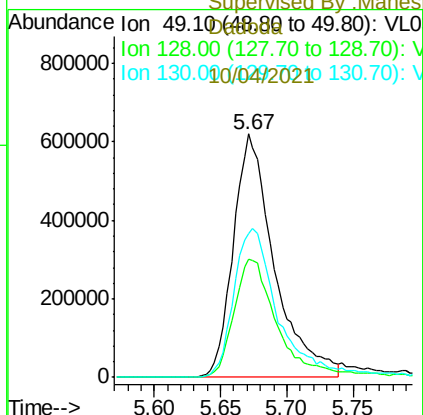
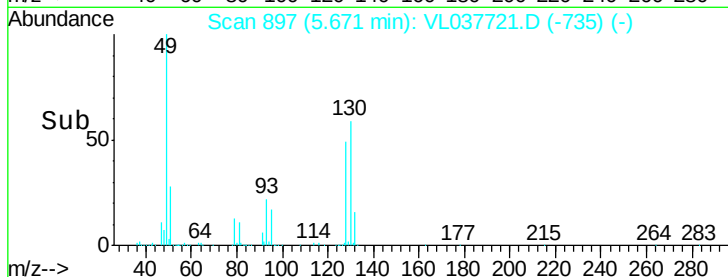
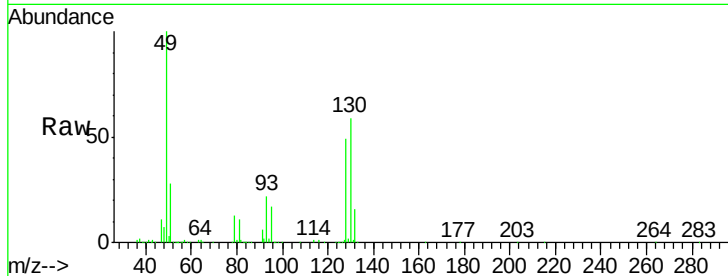


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 SV6DL2
 Acq: 29 Sep 2021 2:55

Tgt Ion:
 Ion Ratio
 49 100
 128 53.
 130 68.

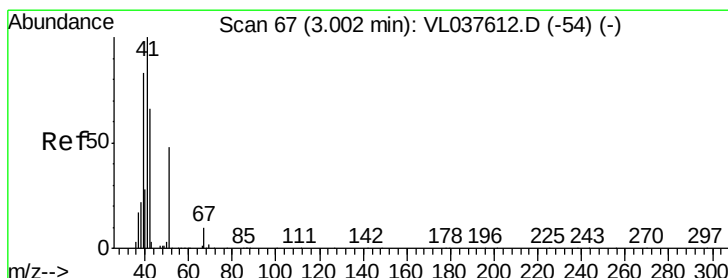
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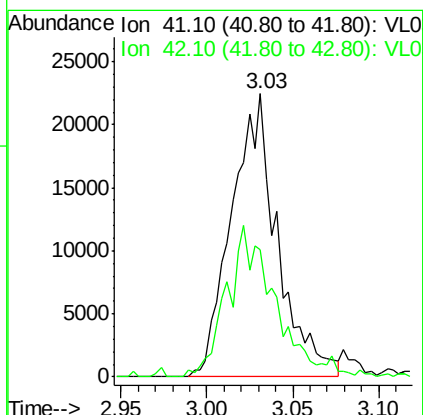
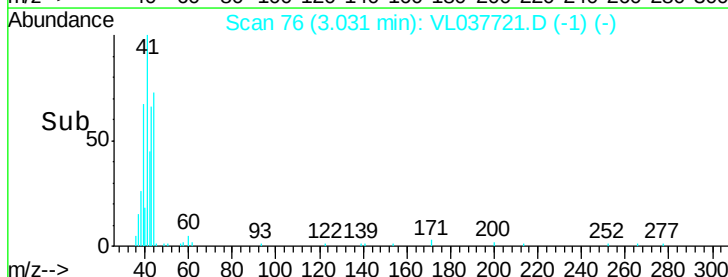
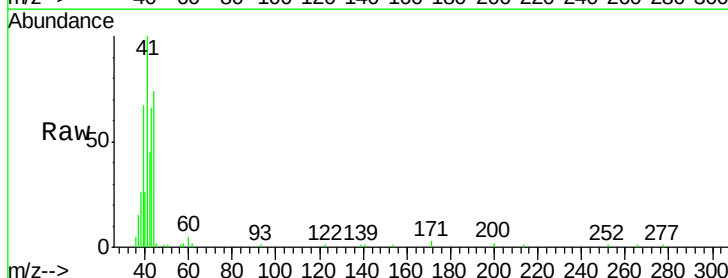
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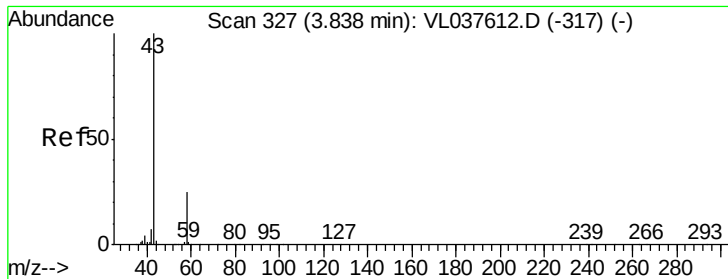
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#9
 Propene
 Concen: 0.467 ppbv
 RT: 3.03 min Scan# 76
 Delta R.T.: 0.03 min
 Lab File: VL037721.D
 Acq: 29 Sep 2021 2:55

Tgt Ion: 41 Resp: 41631
 Ion Ratio Lower Upper
 41 100
 42 57.4 57.2 85.8



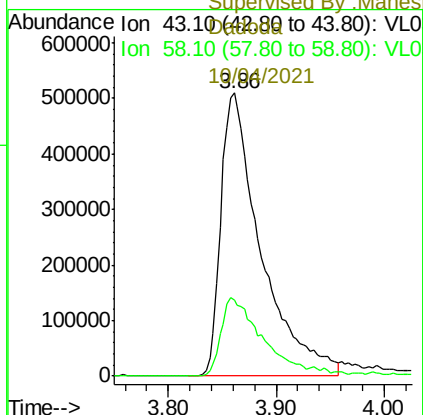
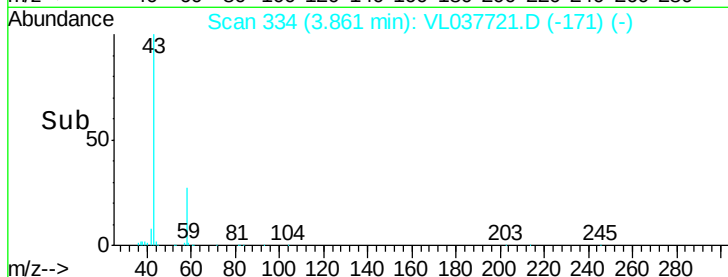
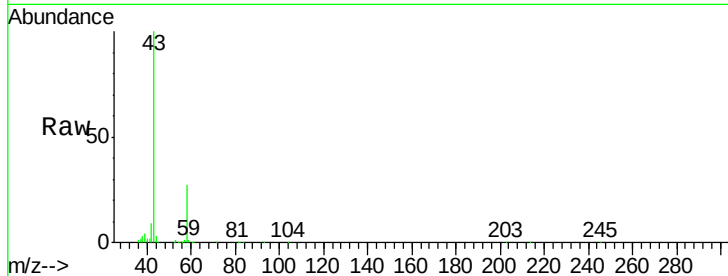


#15
Acetone
Concen: 9.443 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV6DL2
Acq: 29 Sep 2021 2:55

Tgt Ion:
Ion Ratio
43 100
58 30.

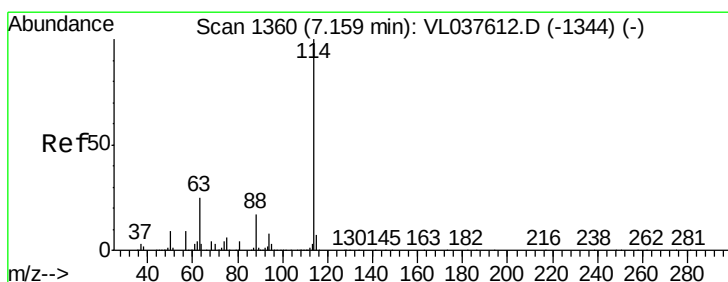
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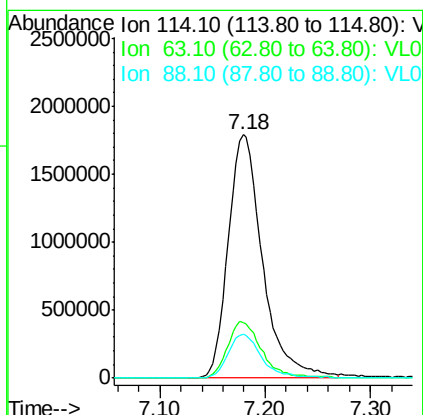
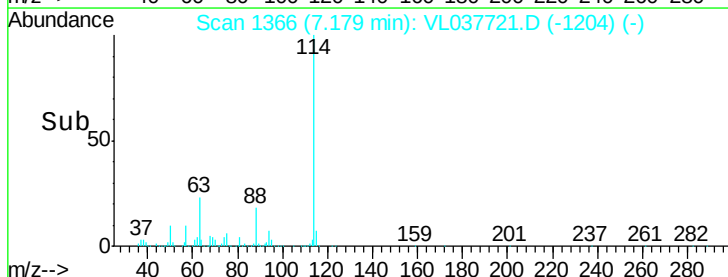
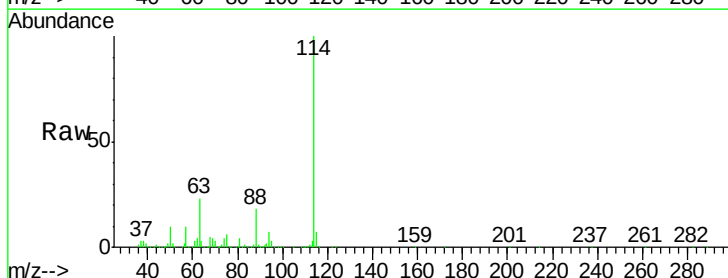
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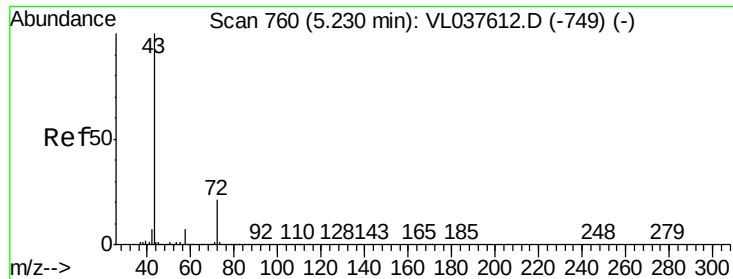
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.02 min
Lab File: VL037721.D
Acq: 29 Sep 2021 2:55

Tgt Ion:114 Resp: 4041508
Ion Ratio Lower Upper
114 100
63 23.5 19.6 29.4
88 18.2 14.2 21.4



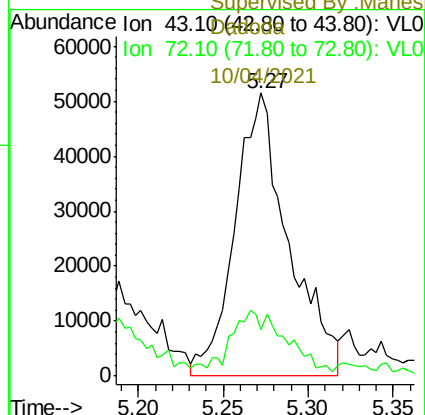
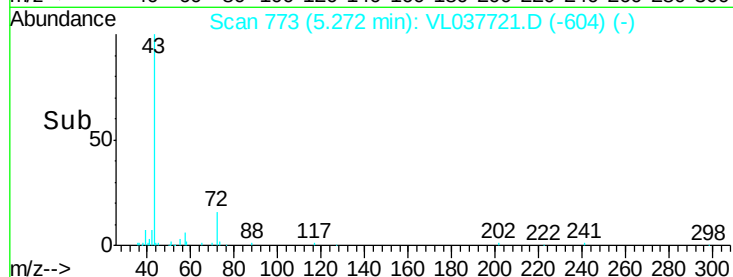
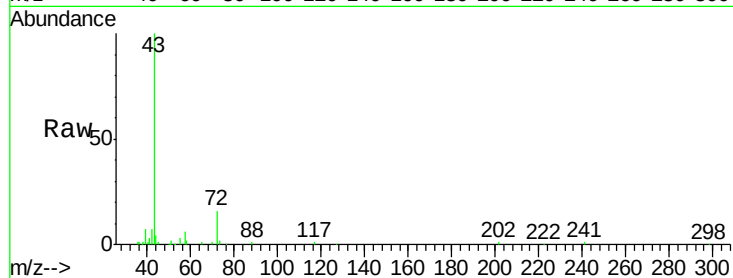


#34
2-Butanone
Concen: 0.686 ppbv m
RT: 5.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Sep 2021 2:55

Tgt Ion:
Ion Ratio
43 100
72 0.

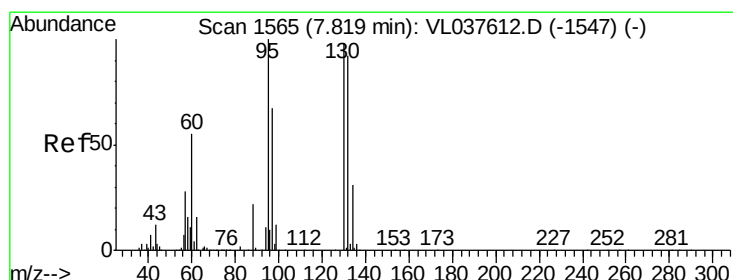
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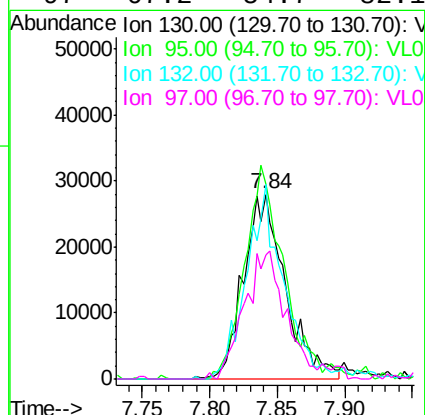
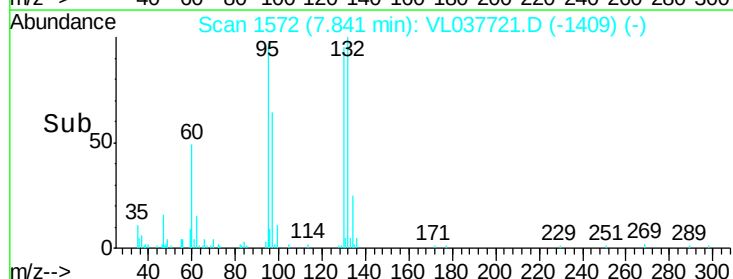
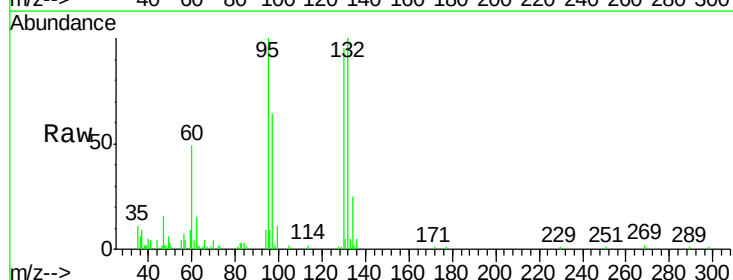
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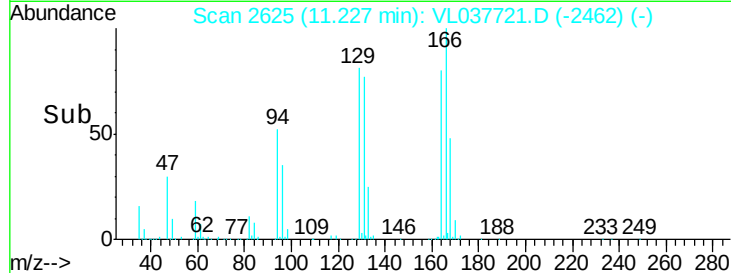
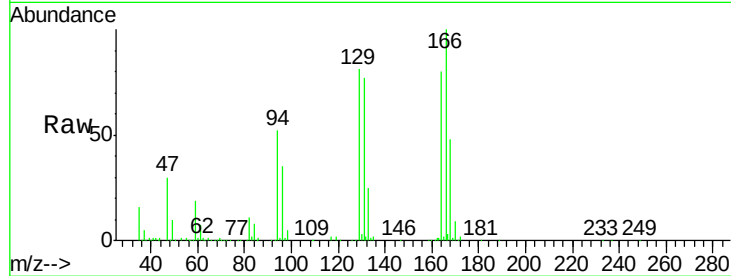
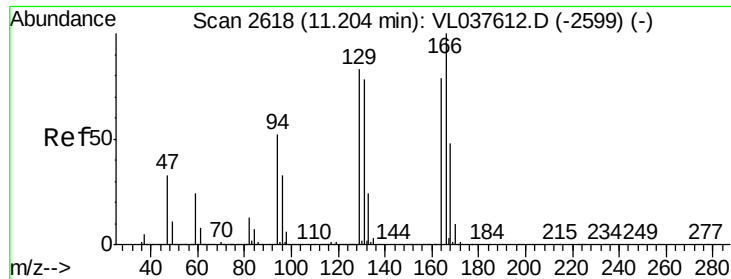
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#38
Trichloroethene
Concen: 0.428 ppbv m
RT: 7.84 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VL037721.D
Acq: 29 Sep 2021 2:55

Tgt Ion:130 Resp: 60187
Ion Ratio Lower Upper
130 100
95 105.4 81.8 122.6
132 105.6 75.3 112.9
97 67.2 54.7 82.1



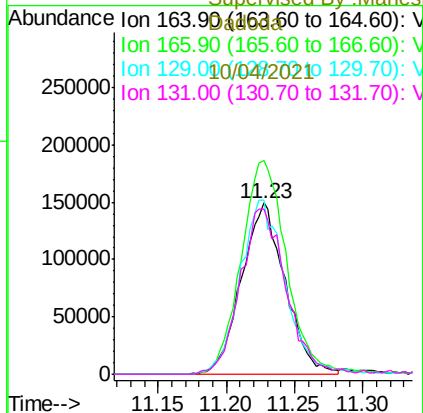


#52
Tetrachloroethene
Concen: 2.559 ppbv
RT: 11.23
Delta R.T.: 0.02 min
Lab File: VL037612.D
Acq: 29 Sep 2021 2:55

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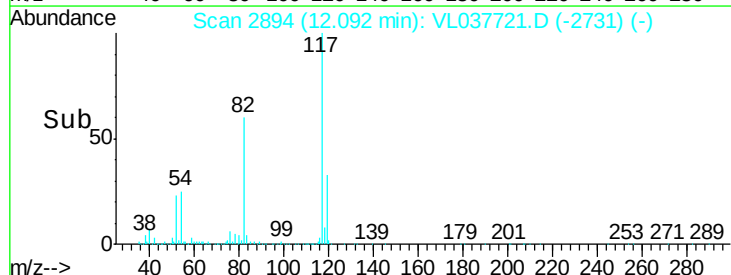
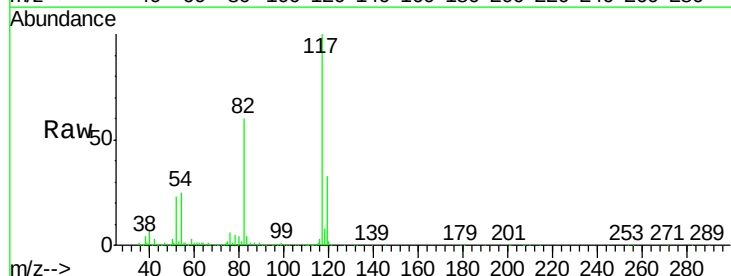
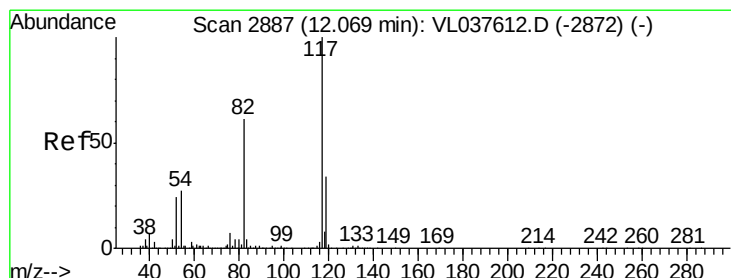
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Tgt Ion: 163.90
Ion Ratio: 100
164 100
166 124.4
129 101.1
131 96.4



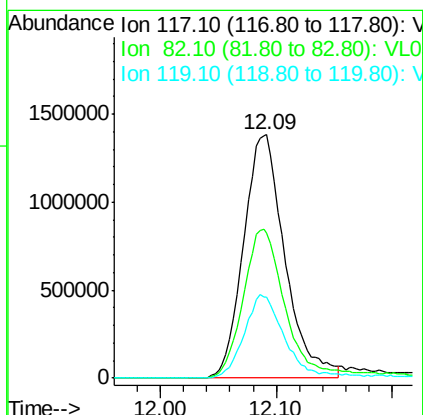
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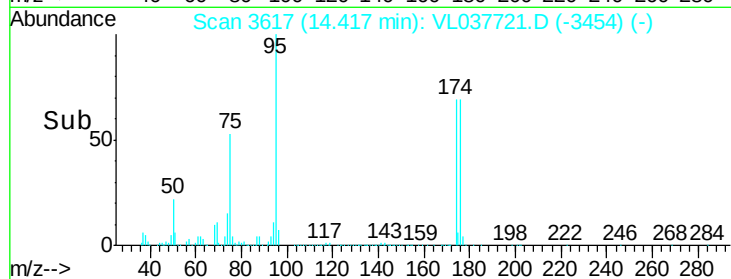
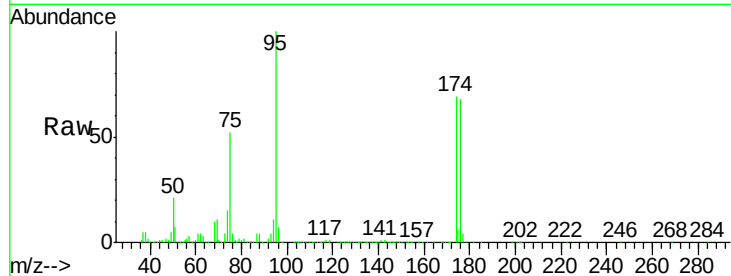
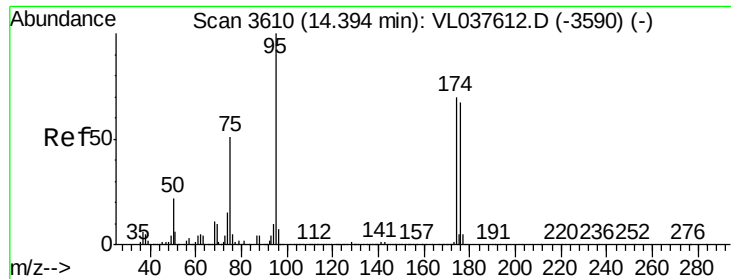
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T.: 0.02 min
Lab File: VL037721.D
Acq: 29 Sep 2021 2:55

Tgt Ion: 117 Resp: 3426649
Ion Ratio Lower Upper
117 100
82 66.5 50.6 75.8
119 34.7 26.2 39.2





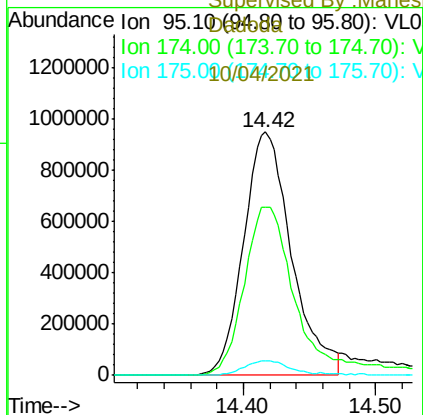
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 1-Bromo-4-Fluorobenzene
 Concen: 9.657 ppbv
 RT: 14.42
 Delta R.T
 Lab File: ClientSampleId :
 SV6DL2
 Acq: 29 Sep 2021 2:35

Tgt Ion:
 Ion Ratio
 95 100
 174 79.
 175 6.

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