

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
 Data File : VL037732.D
 Acq On : 29 Sep 2021 16:05
 Operator : SY/AP
 Sample : M3948-04DL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL2

Manual Integrations
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 10/1/2021 11:06:36 AM

Quant Time: Sep 29 23:07:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.668	49	1216756	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.176	114	3582280	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.082	117	3120593	10.00	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2232915	9.90	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%
Target Compounds						
						Qvalue
9) Propene	3.018	41	205674	2.54	ppbv	91
15) Acetone	3.851	43	1757611	13.90	ppbv	99
30) Cyclohexane	7.134	84	29360m	0.24	ppbv	
34) 2-Butanone	5.259	43	165334	1.14	ppbv	92
36) Benzene	6.893	78	67988m	0.23	ppbv	

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

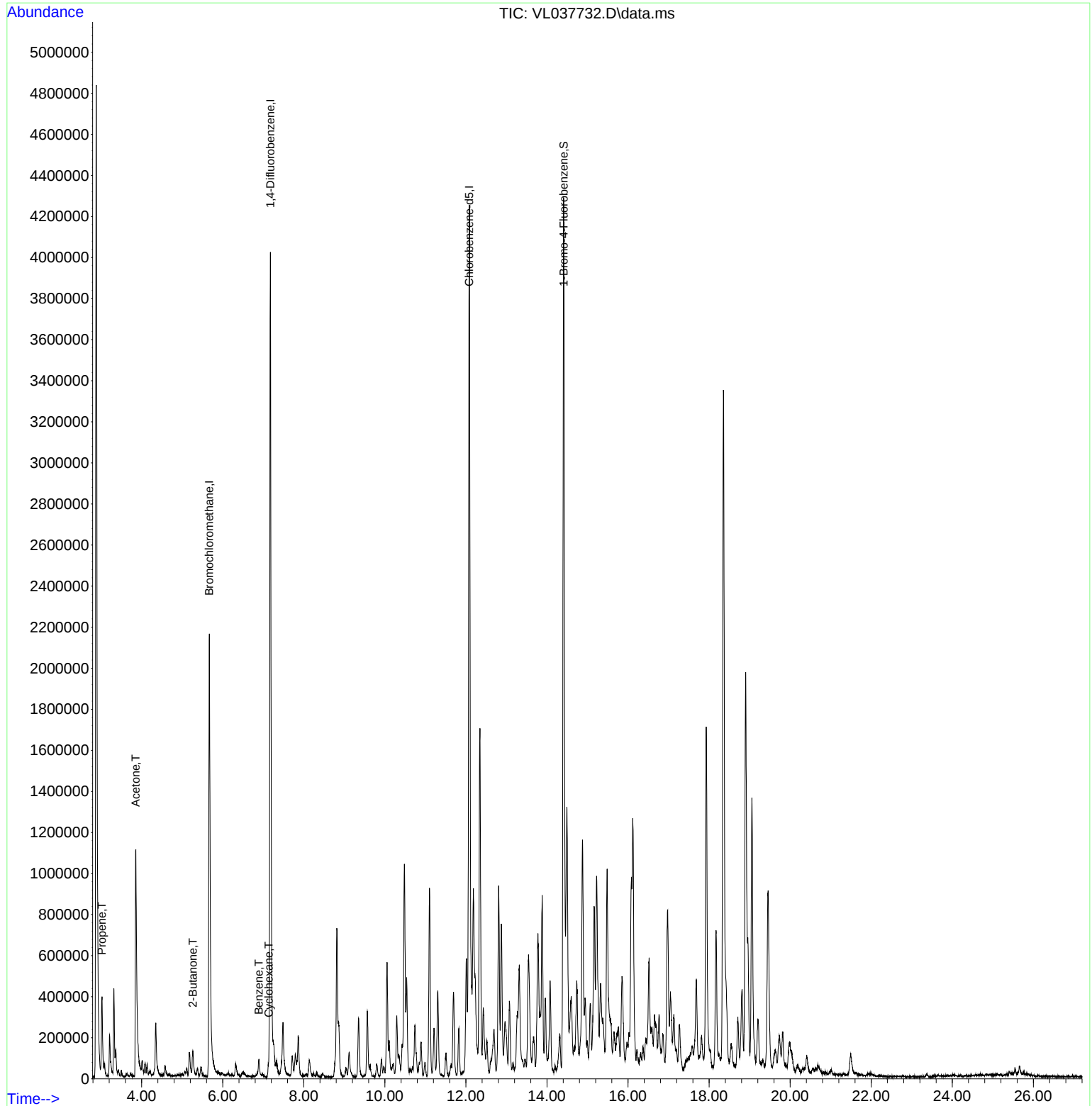
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
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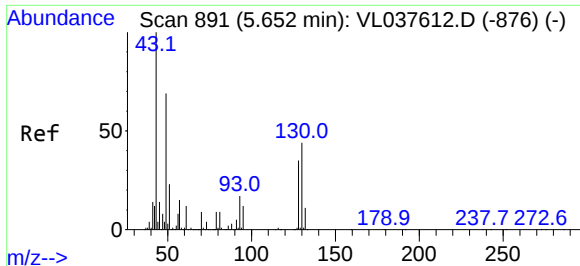
Instrument :
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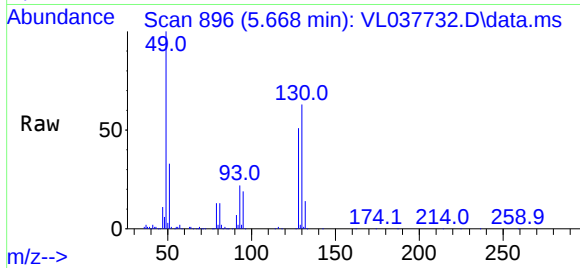
Quant Time: Sep 29 23:07:02 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.668 min Scan# 896
Delta R.T. 0.016 min
Lab File: VL037732.D
Acq: 29 Sep 2021 16:05

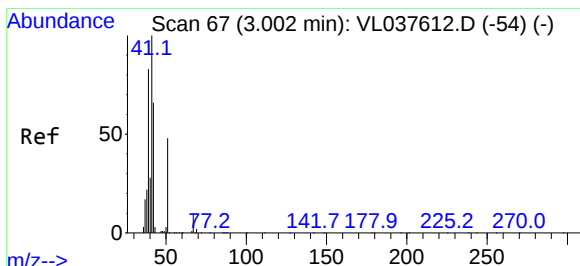
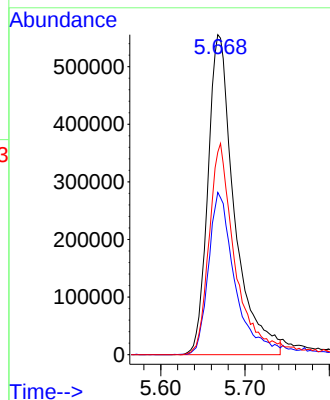
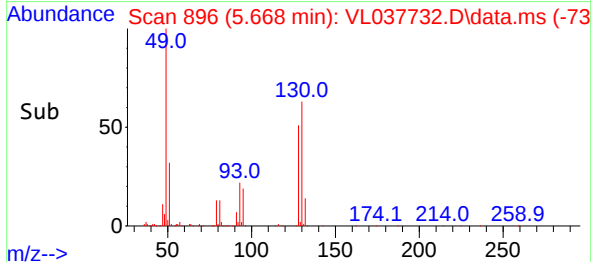
Instrument :
MSVOA_L
ClientSampleId :
SV4DL2



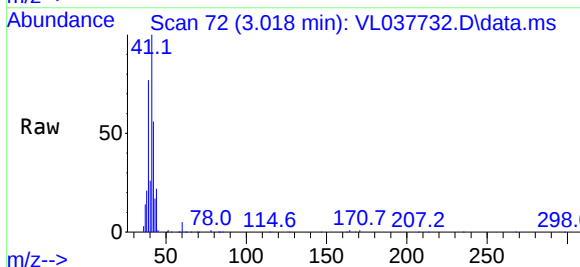
Tgt Ion: 49 Resp: 1216756
Ion Ratio Lower Upper
49 100
128 53.1 27.9 83.6
130 67.8 33.9 101.7

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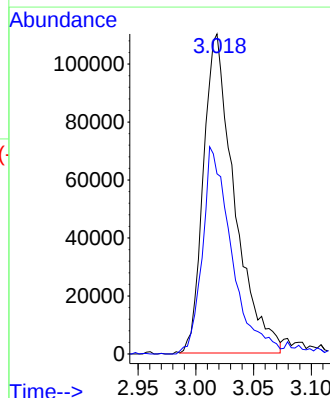
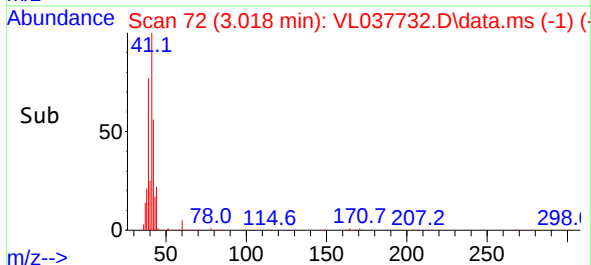
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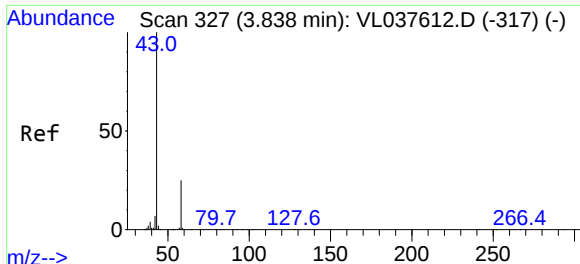


#9
Propene
Concen: 2.54 ppbv
RT: 3.018 min Scan# 72
Delta R.T. 0.016 min
Lab File: VL037732.D
Acq: 29 Sep 2021 16:05



Tgt Ion: 41 Resp: 205674
Ion Ratio Lower Upper
41 100
42 63.9 57.2 85.8





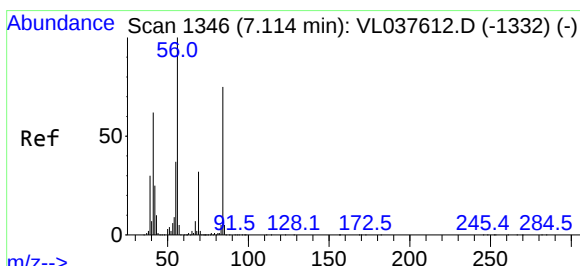
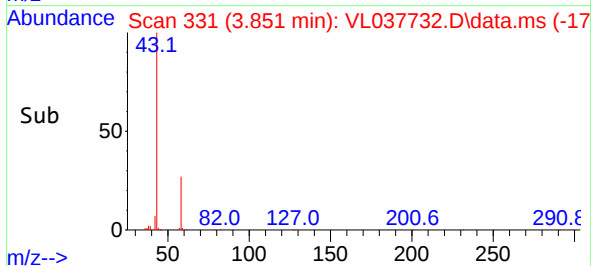
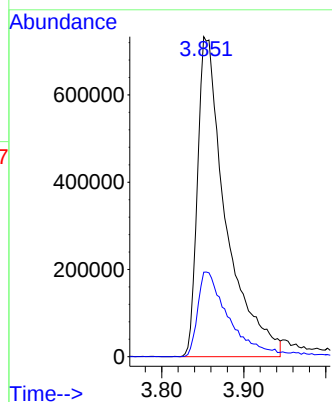
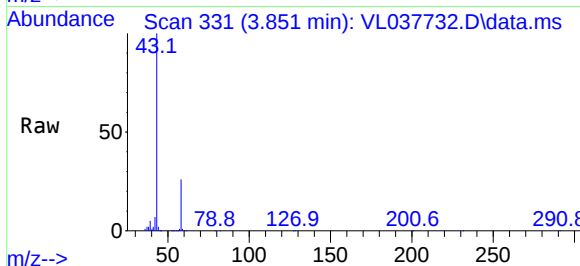
#15
Acetone
Concen: 13.90 ppbv
RT: 3.851 min Scan# 331
Delta R.T. 0.013 min
Lab File: VL037732.D
Acq: 29 Sep 2021 16:05

Instrument :
MSVOA_L
ClientSampled :
SV4DL2

Tgt Ion: 43 Resp: 1757611
Ion Ratio Lower Upper
43 100
58 30.7 24.9 37.3

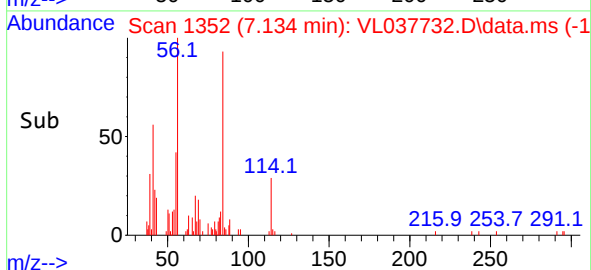
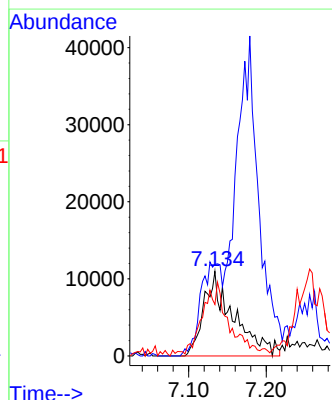
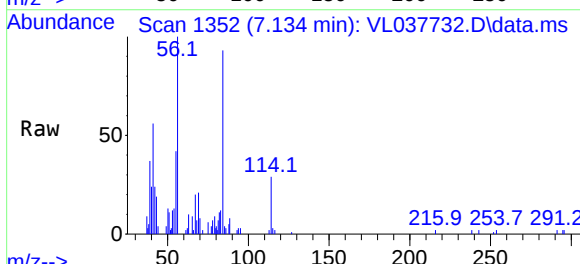
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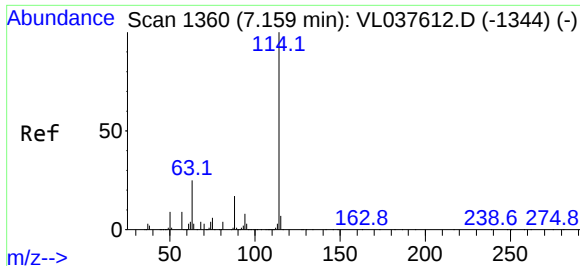
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#30
Cyclohexane
Concen: 0.24 ppbv m
RT: 7.134 min Scan# 1352
Delta R.T. 0.019 min
Lab File: VL037732.D
Acq: 29 Sep 2021 16:05

Tgt Ion: 84 Resp: 29360
Ion Ratio Lower Upper
84 100
56 0.0 113.6 170.4#
41 78.0 67.9 101.9





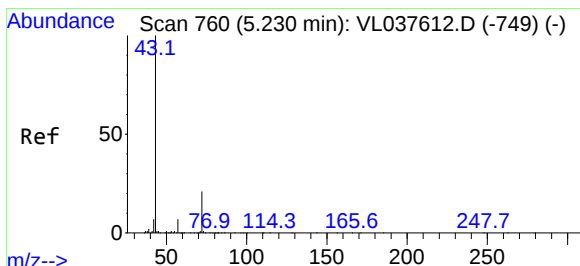
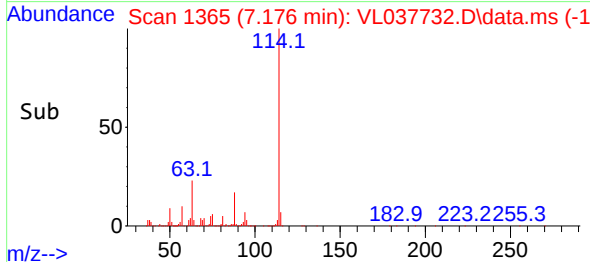
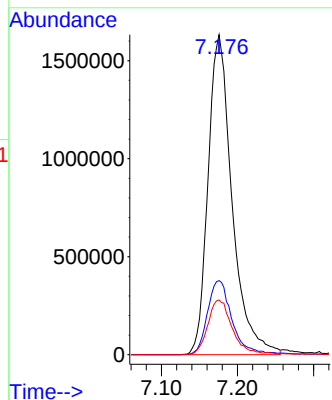
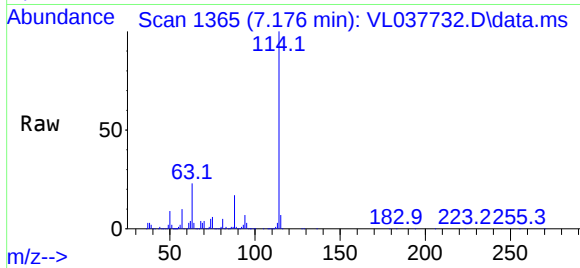
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.016 min
Lab File: VL037732.D
Acq: 29 Sep 2021 16:05

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2

Tgt Ion:114 Resp: 3582280
Ion Ratio Lower Upper
114 100
63 24.0 19.6 29.4
88 17.8 14.2 21.4

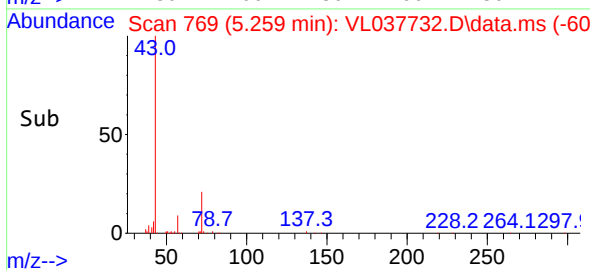
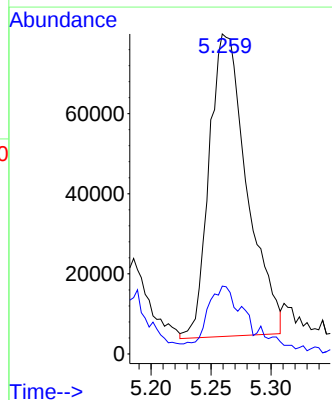
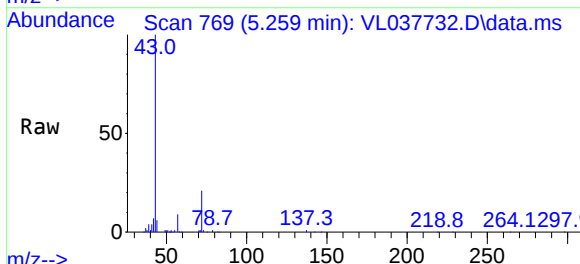
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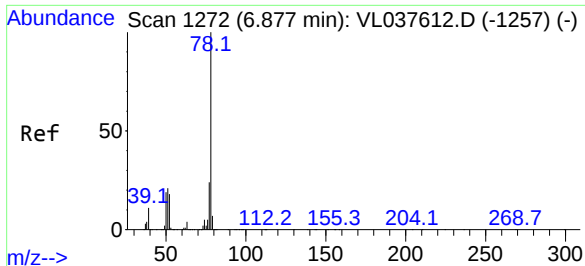
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#34
2-Butanone
Concen: 1.14 ppbv
RT: 5.259 min Scan# 769
Delta R.T. 0.029 min
Lab File: VL037732.D
Acq: 29 Sep 2021 16:05

Tgt Ion: 43 Resp: 165334
Ion Ratio Lower Upper
43 100
72 26.7 18.4 27.6





#36
Benzene
Concen: 0.23 ppbv m
RT: 6.893 min Scan# 1277
Delta R.T. 0.016 min
Lab File: VL037732.D
Acq: 29 Sep 2021 16:05

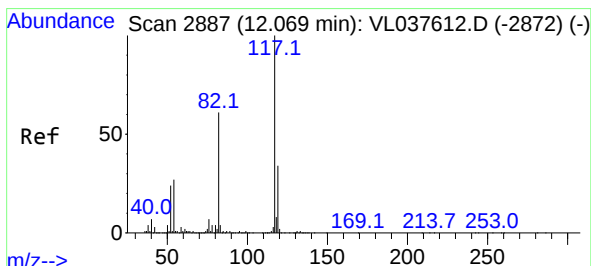
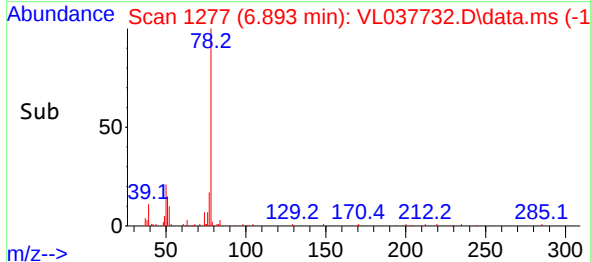
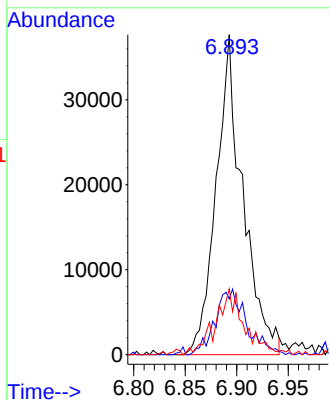
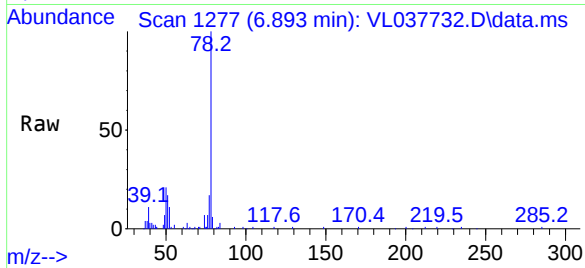
Tgt Ion: 78 Resp: 67988

Ion	Ratio	Lower	Upper
78	100		
77	17.5	19.0	28.4#
50	20.5	14.8	22.2

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SV4DL2

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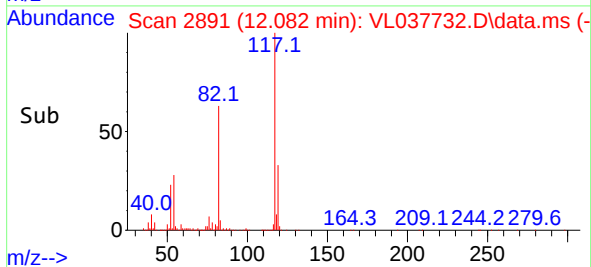
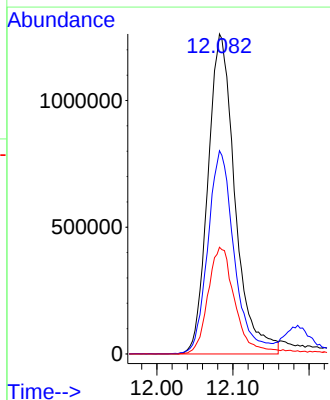
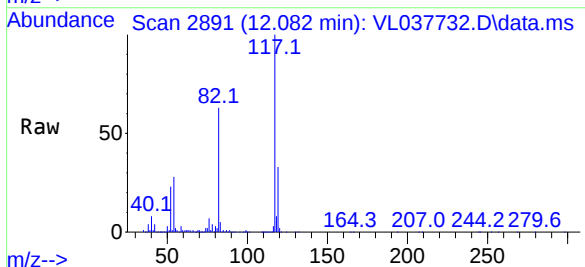
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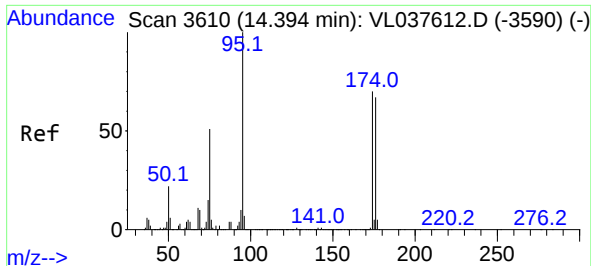


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. 0.013 min
Lab File: VL037732.D
Acq: 29 Sep 2021 16:05

Tgt Ion: 117 Resp: 3120593

Ion	Ratio	Lower	Upper
117	100		
82	61.9	50.6	75.8
119	34.5	26.2	39.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.90 ppbv
 RT: 14.410 min Scan# 3615
 Delta R.T. 0.016 min
 Lab File: VL037732.D
 Acq: 29 Sep 2021 16:05

Tgt Ion: 95 Resp: 2232915

Ion	Ratio	Lower	Upper
95	100		
174	76.8	56.3	84.5
175	5.9	4.4	6.6

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL2

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