

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112025\
 Data File : VL043275.D
 Acq On : 21 Nov 2025 07:53
 Operator : SY/MD
 Sample : Q3626-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 13-SG-1DL

Quant Time: Nov 21 22:15:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 11/24/2025
 Supervised By : Mahesh Dadoda 11/24/2025

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

Internal Standards						
1) Bromochloromethane	2.787	49	99850	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	261008	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	202177	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	140998	9.514	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.100%
Target Compounds						
					Qvalue	
13) Ethanol	1.722	45	3624	1.752	ppbv #	38
15) Acetone	1.835	43	104948	7.565	ppbv	100
17) tert-Butyl alcohol	2.043	59	5189	0.285	ppbv #	88
19) Isopropyl Alcohol	1.887	45	8343	1.064	ppbv #	1
20) Methylene Chloride	2.062	84	4686	0.392	ppbv #	93
26) Hexane	2.826	57	3223	0.246	ppbv #	41
34) 2-Butanone	2.557	43	4874	0.265	ppbv	99
36) Benzene	3.658	78	3988	0.160	ppbv #	89
52) Tetrachloroethene	8.215	164	7871m	0.847	ppbv	

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

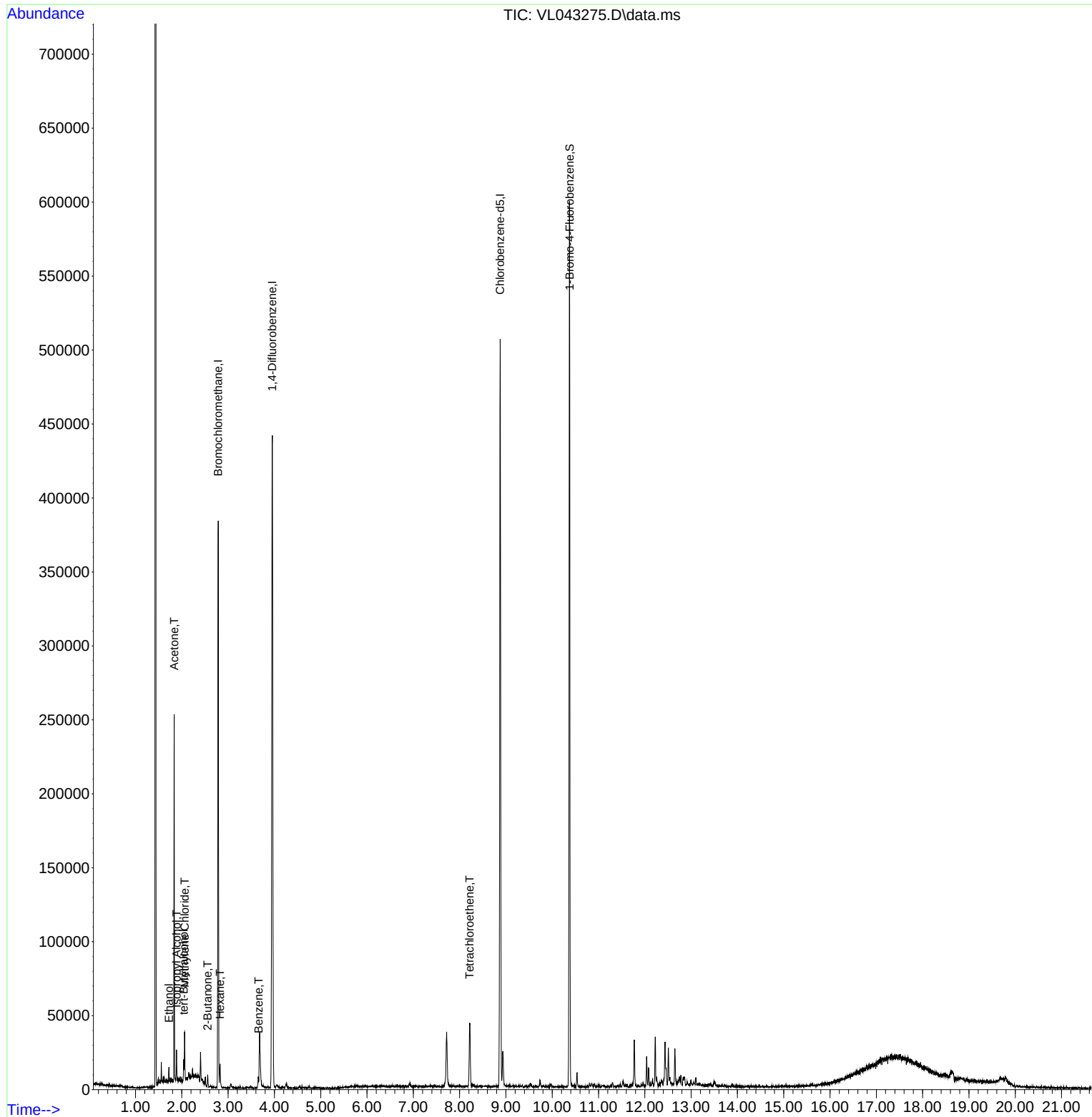
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112025\
Data File : VL043275.D
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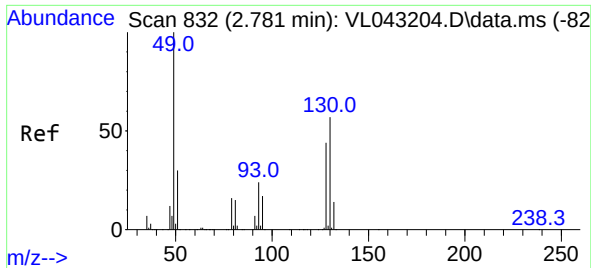
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

Quant Time: Nov 21 22:15:18 2025
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration

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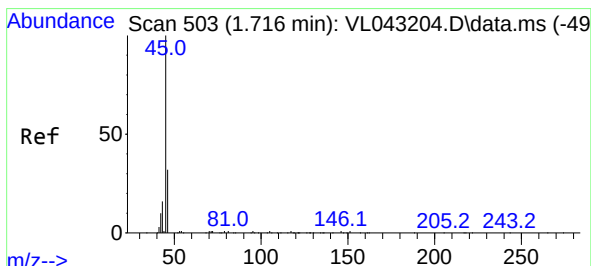
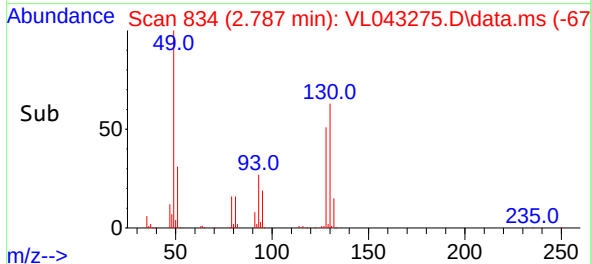
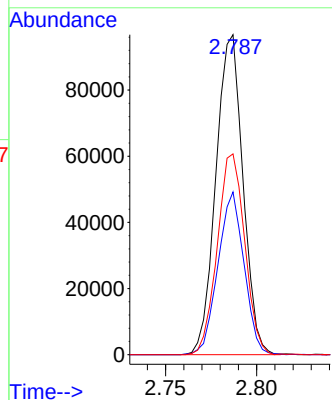
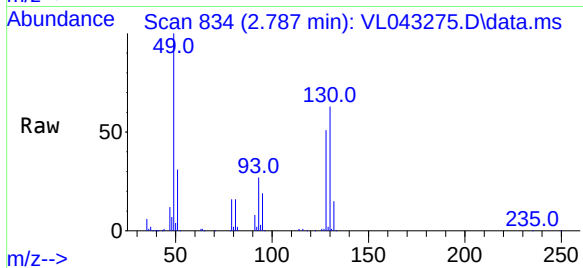
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

Tgt Ion: 49 Resp: 99850
Ion Ratio Lower Upper
49 100
128 49.0 23.0 69.0
130 63.7 29.9 89.7

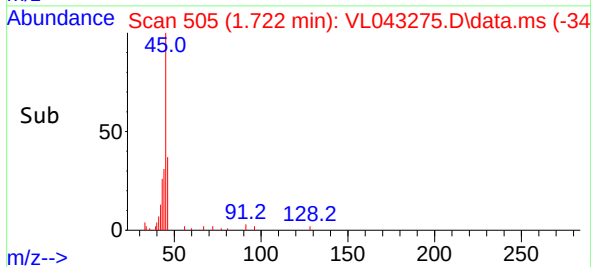
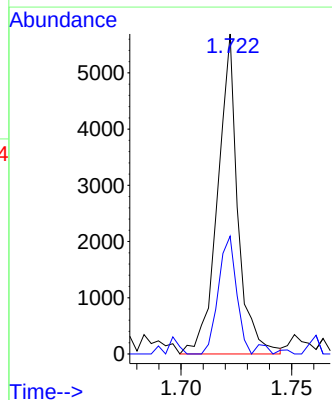
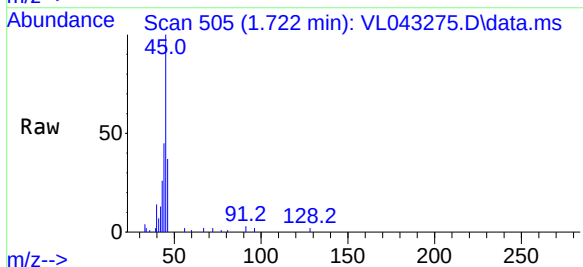
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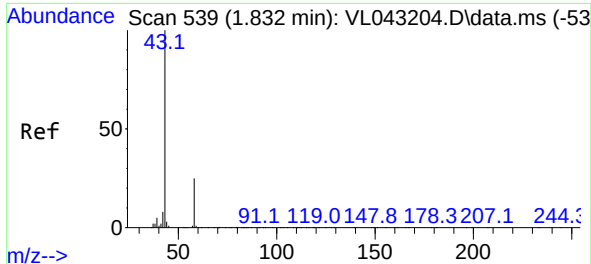
Reviewed By :Semsettin Yesilyurt 11/24/2025
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#13
Ethanol
Concen: 1.752 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

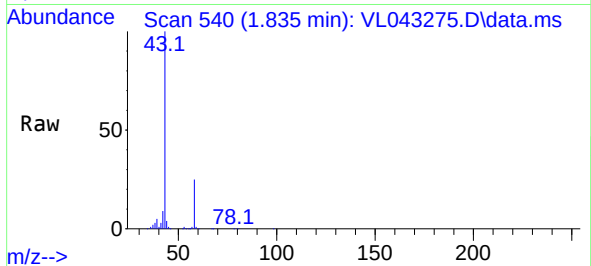
Tgt Ion: 45 Resp: 3624
Ion Ratio Lower Upper
45 100
46 0.0 15.0 59.8#





#15
Acetone
Concen: 7.565 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

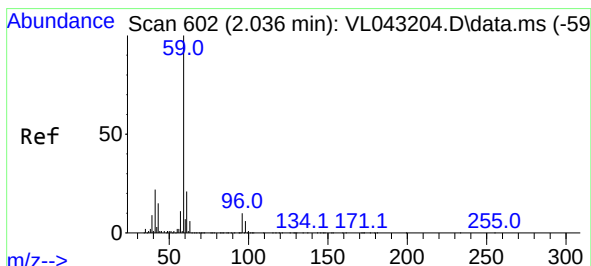
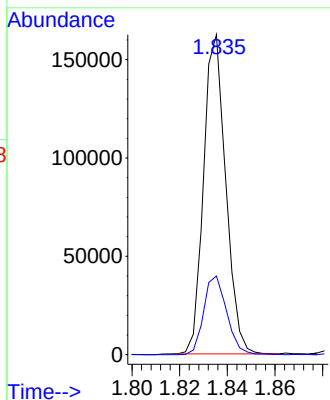
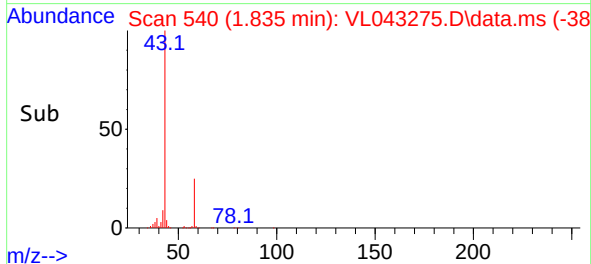
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL



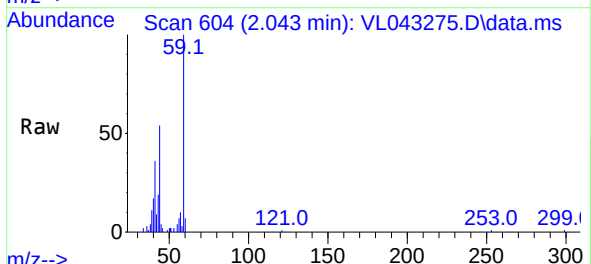
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Ion Ratio Lower Upper
43 100
58 25.7 20.7 31.1

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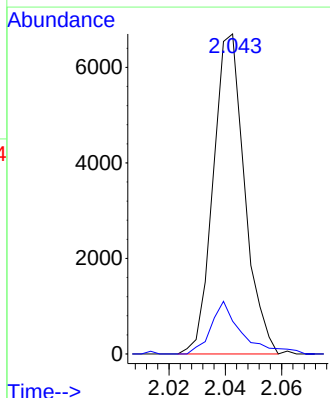
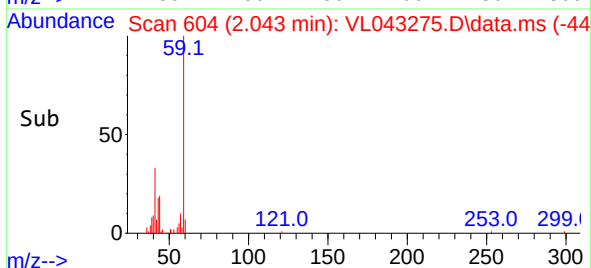
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Supervised By :Mahesh Dadoda 11/24/2025

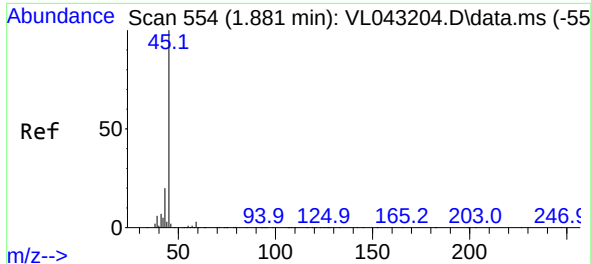


#17
tert-Butyl alcohol
Concen: 0.285 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53



Tgt Ion: 59 Resp: 5189
Ion Ratio Lower Upper
59 100
57 15.9 9.0 13.4#





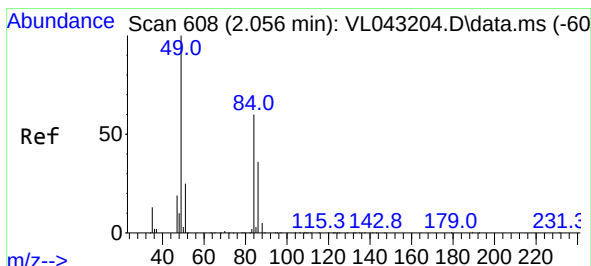
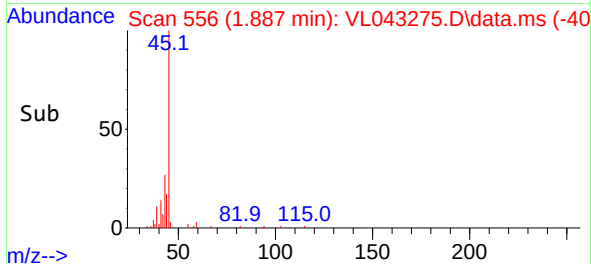
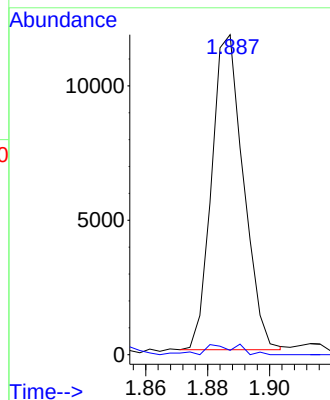
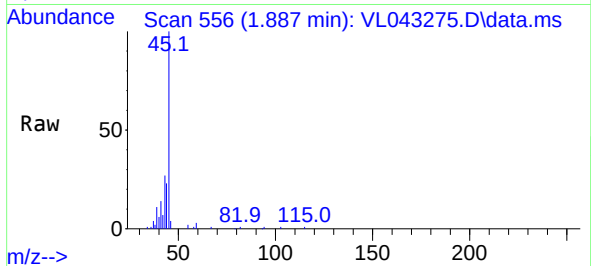
#19
Isopropyl Alcohol
Concen: 1.064 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

Instrument :
MSVOA_L
ClientSampleId :
13-SG-1DL

Tgt Ion: 45 Resp: 834
Ion Ratio Lower Upper
45 100
58 322.5 31.3 46.9

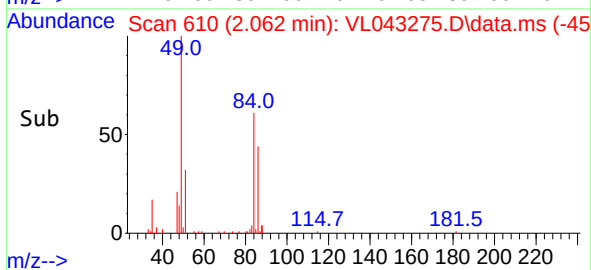
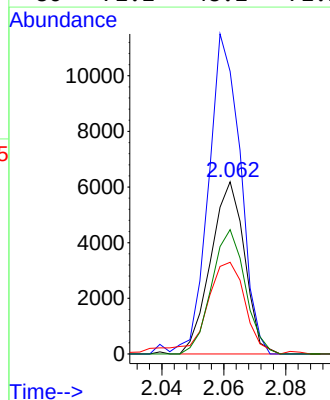
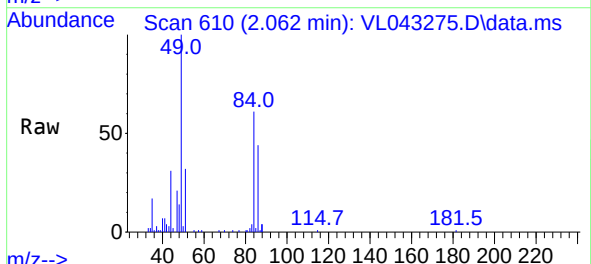
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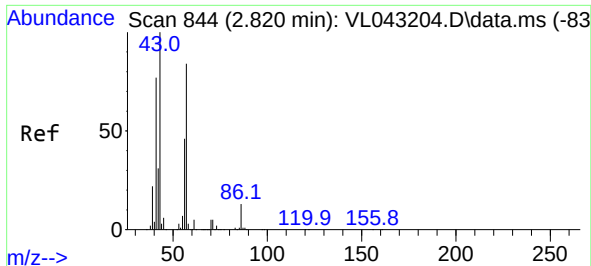
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Supervised By :Mahesh Dadoda 11/24/2025



#20
Methylene Chloride
Concen: 0.392 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

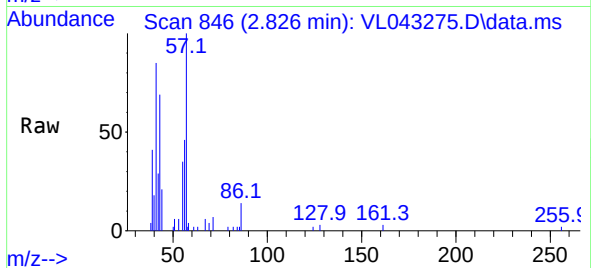
Tgt Ion: 84 Resp: 4686
Ion Ratio Lower Upper
84 100
49 164.2 132.9 199.3
51 53.3 34.8 52.2#
86 72.2 48.2 72.2





#26
Hexane
Concen: 0.246 ppbv
RT: 2.826 min Scan# 844
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

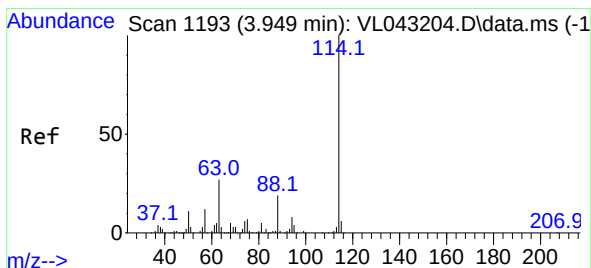
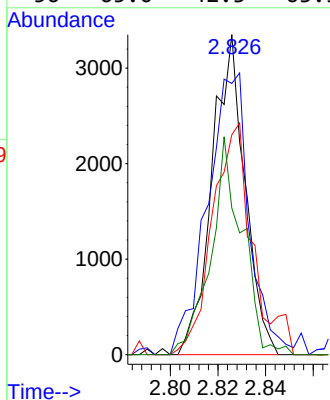
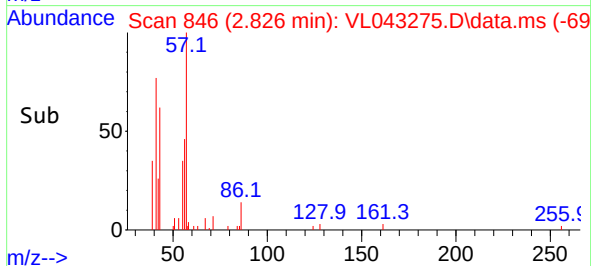
Instrument :
MSVOA_L
Client Sample Id :
13-SG-1DL



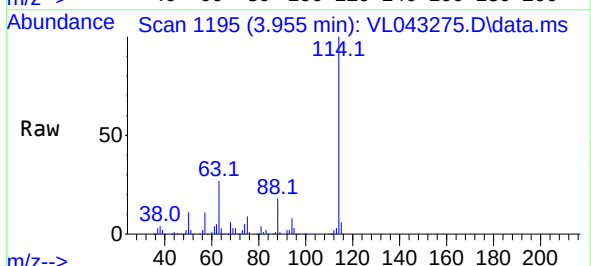
Tgt Ion: 57 Resp: 322
Ion Ratio Lower Upper
57 100
41 113.9 74.6 111.8
43 87.6 179.0 268.4
56 65.0 42.3 63.5

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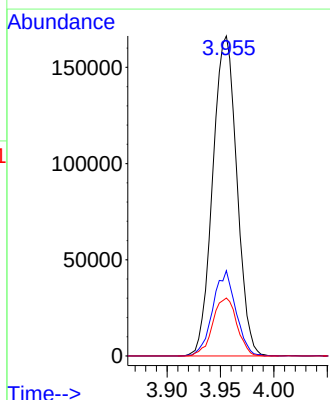
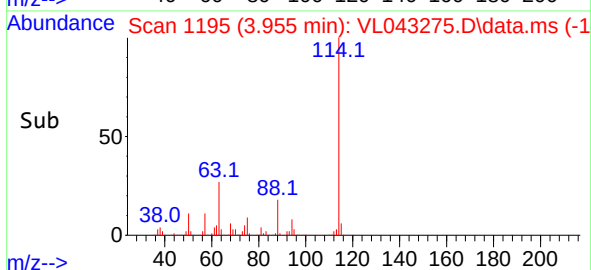
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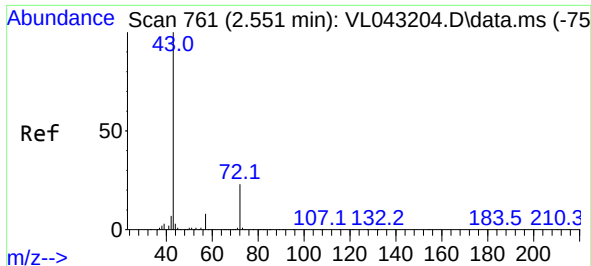


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53



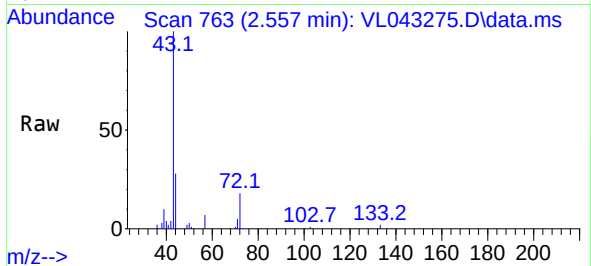
Tgt Ion:114 Resp: 261008
Ion Ratio Lower Upper
114 100
63 25.6 21.0 31.6
88 18.2 14.9 22.3





#34
2-Butanone
Concen: 0.265 ppbv
RT: 2.557 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

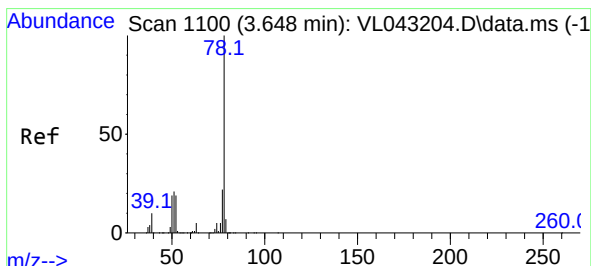
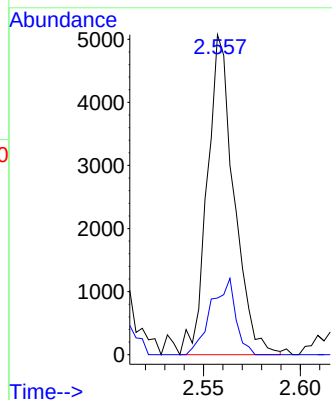
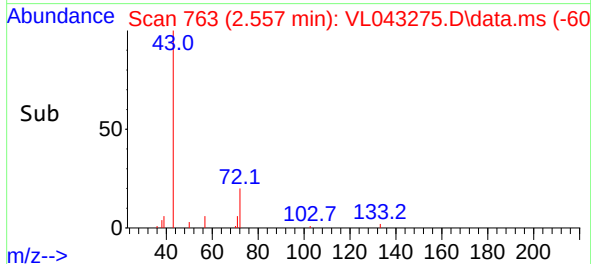
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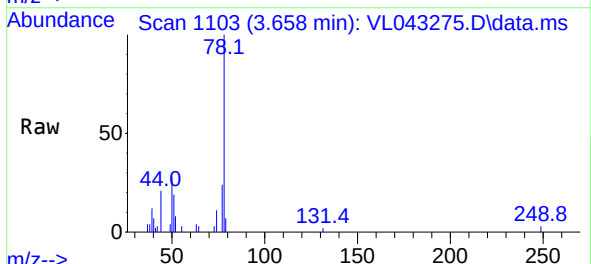
Tgt Ion: 43 Resp: 4874
Ion Ratio Lower Upper
43 100
72 22.0 18.1 27.1

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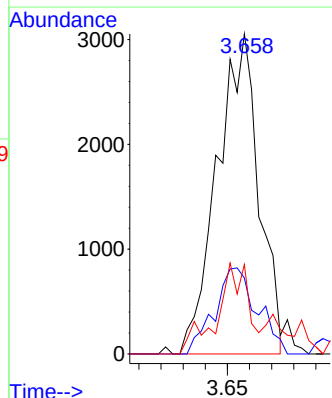
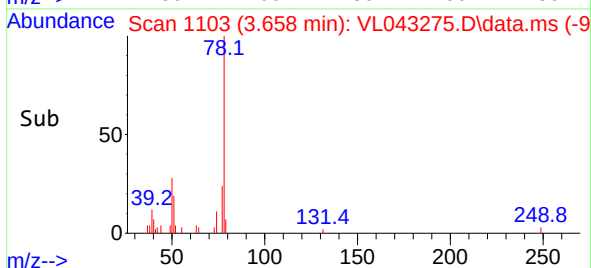
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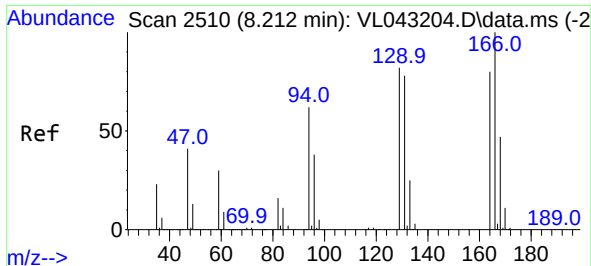


#36
Benzene
Concen: 0.160 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.009 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53



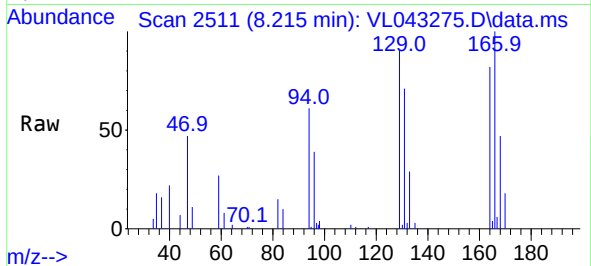
Tgt Ion: 78 Resp: 3988
Ion Ratio Lower Upper
78 100
77 23.7 17.5 26.3
50 27.9 15.5 23.3





#52
Tetrachloroethene
Concen: 0.847 ppbv m
RT: 8.215 min Scan# 2510
Delta R.T. 0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53

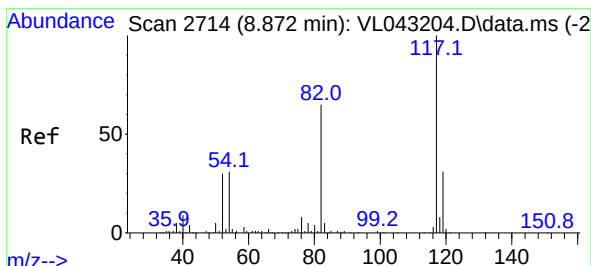
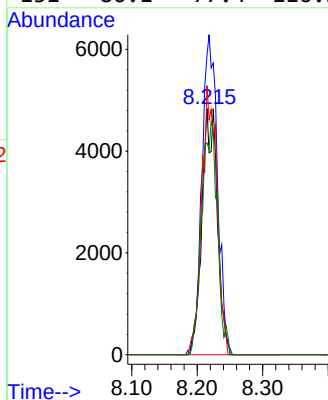
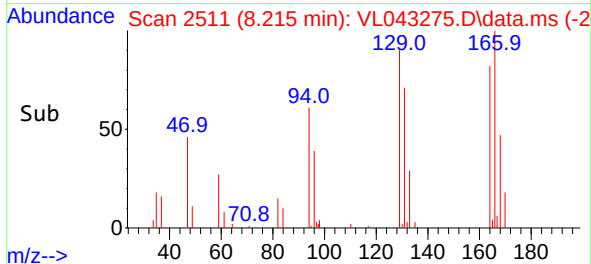
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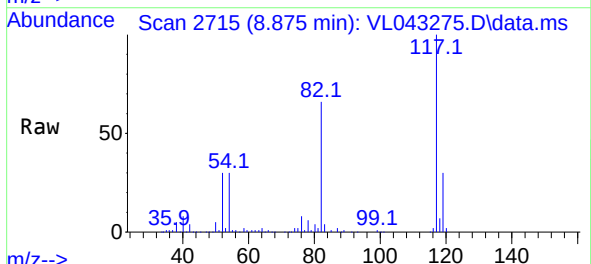
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Ion Ratio Lower Upper
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166 121.6 99.4 149.2
129 109.3 81.8 122.8
131 86.1 77.4 116.2

Manual Integrations
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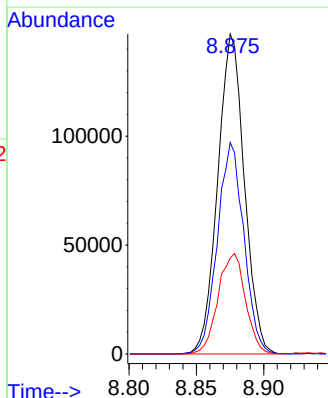
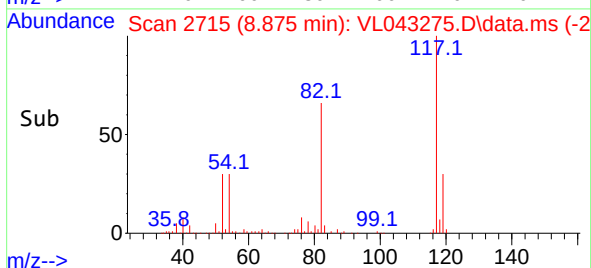
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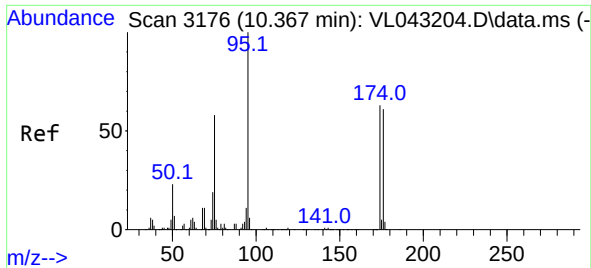


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. 0.003 min
Lab File: VL043275.D
Acq: 21 Nov 2025 07:53



Tgt Ion:117 Resp: 202177
Ion Ratio Lower Upper
117 100
82 65.5 56.1 84.1
119 32.3 25.0 37.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.514 ppbv
 RT: 10.374 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VL043275.D
 Acq: 21 Nov 2025 07:53

Instrument :
 MSVOA_L
 ClientSampleId :
 13-SG-1DL

Tgt Ion: 95 Resp: 140998
 Ion Ratio Lower Upper
 95 100
 174 68.3 50.2 75.2
 175 4.9 4.1 6.1

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