

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111925\
 Data File : VL043253.D
 Acq On : 19 Nov 2025 23:12
 Operator : SY/MD
 Sample : Q3626-11DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 15-SG-1DL

Quant Time: Nov 20 00:13:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/21/2025
 Supervised By : Mahesh Dadoda 11/21/2025

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

Internal Standards						
1) Bromochloromethane	2.777	49	97568	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	261435	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	198573	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	142507	9.791	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
9) Propene	1.486	41	1412	0.246	ppbv #	1
13) Ethanol	1.719	45	14283	7.068	ppbv	99
15) Acetone	1.829	43	118278	8.725	ppbv	99
17) tert-Butyl alcohol	2.039	59	3488	0.196	ppbv	95
19) Isopropyl Alcohol	1.881	45	5404	0.706	ppbv #	1
20) Methylene Chloride	2.059	84	4098	0.262	ppbv #	77
26) Hexane	2.819	57	4125	0.322	ppbv #	43
34) 2-Butanone	2.551	43	8708	0.472	ppbv #	90
50) 4-Methyl-2-Pentanone	5.736	43	6238m	0.240	ppbv	
52) Tetrachloroethene	8.212	164	4721m	0.507	ppbv	

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

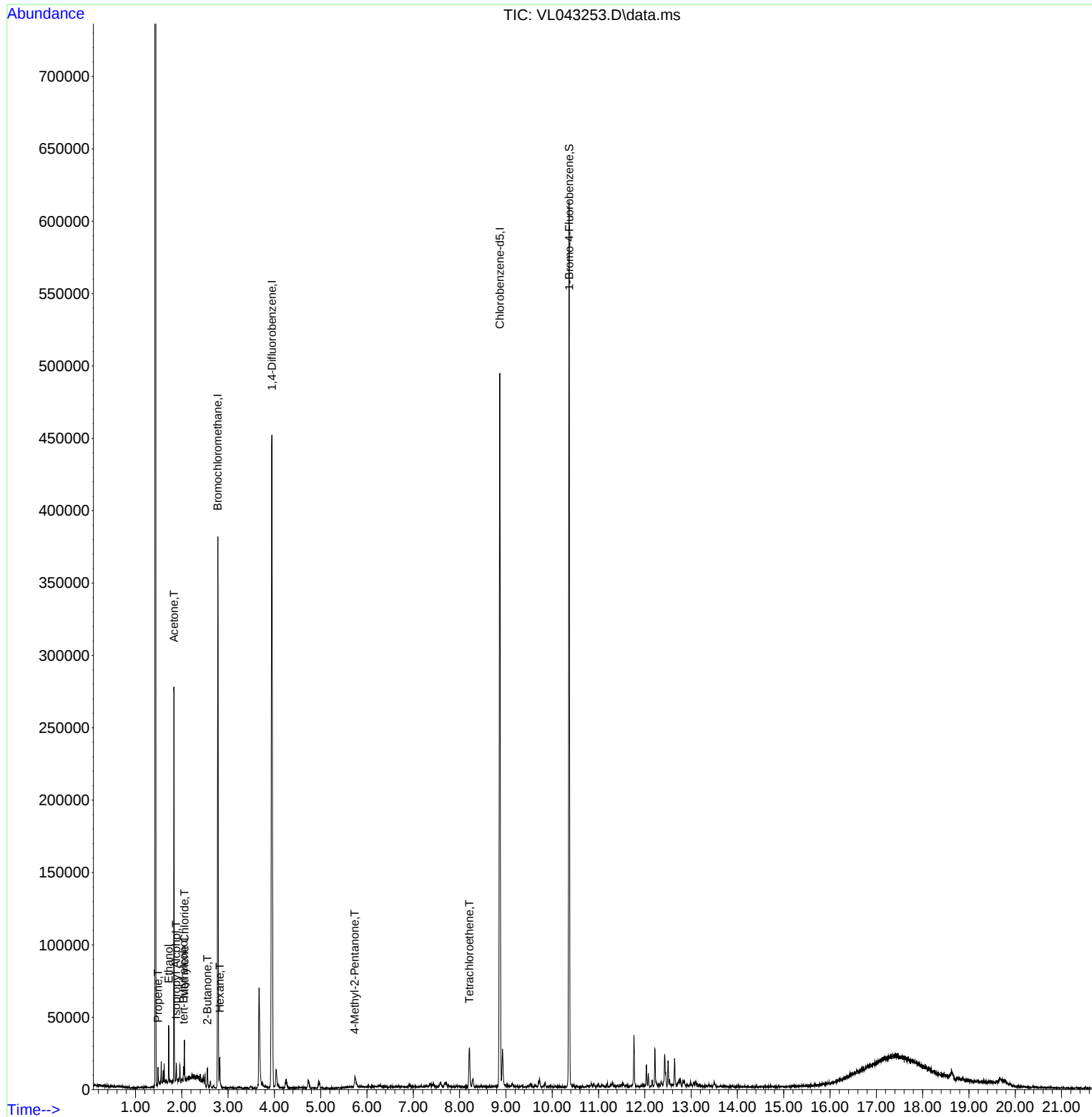
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111925\
Data File : VL043253.D
Acq On : 19 Nov 2025 23:12
Operator : SY/MD
Sample : Q3626-11DL 10X
Misc : 400mL/MSVOA_L
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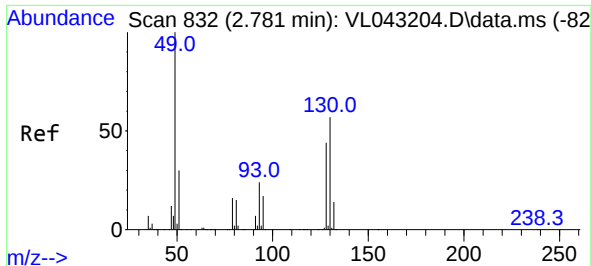
Instrument :
MSVOA_L
ClientSampleId :
15-SG-1DL

Quant Time: Nov 20 00:13:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
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

Manual Integrations
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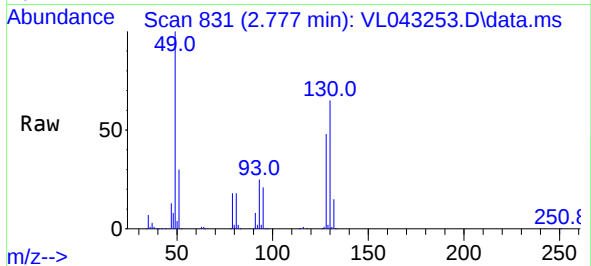
Reviewed By : Semsettin Yesilyurt 11/21/2025
Supervised By : Mahesh Dadoda 11/21/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12

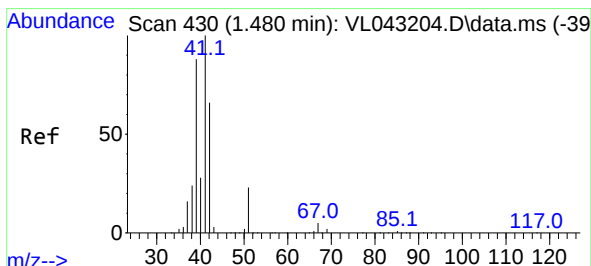
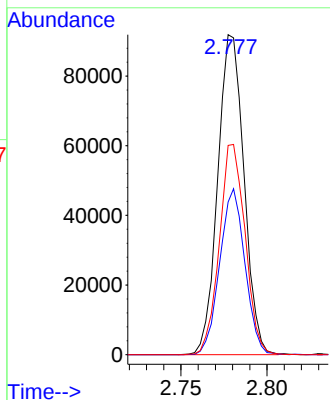
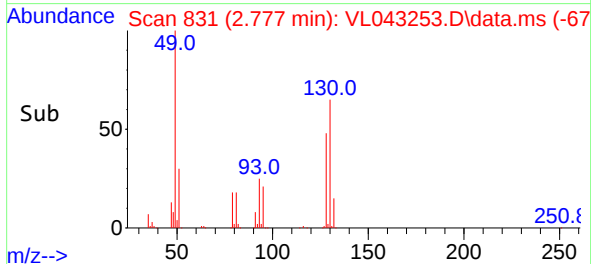
Instrument :
MSVOA_L
ClientSampleId :
15-SG-1DL



Tgt Ion: 49 Resp: 9756
Ion Ratio Lower Upper
49 100
128 49.8 23.0 69.0
130 64.6 29.9 89.7

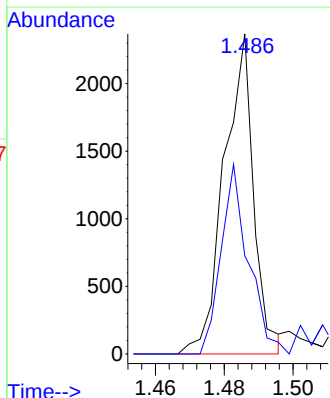
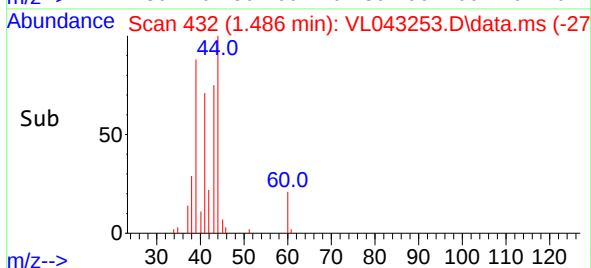
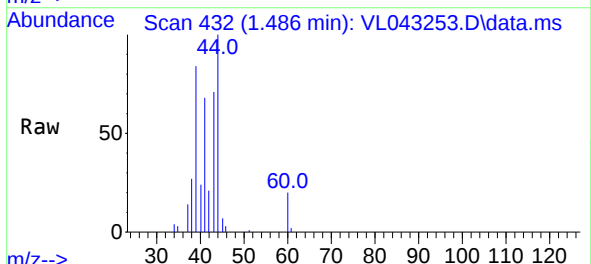
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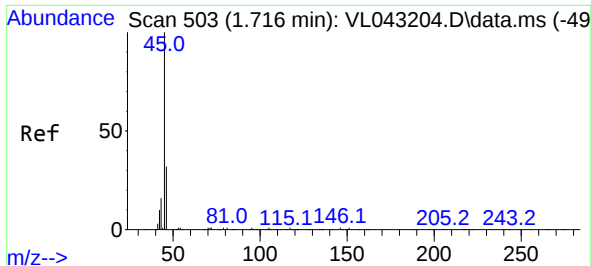
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#9
Propene
Concen: 0.246 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.006 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12

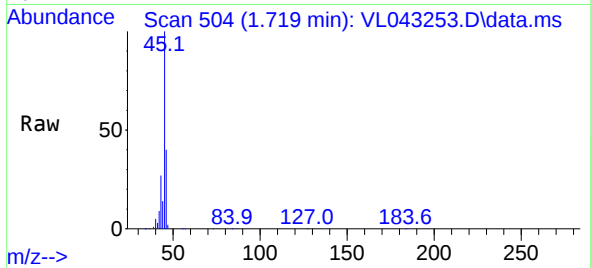
Tgt Ion: 41 Resp: 1412
Ion Ratio Lower Upper
41 100
42 70.8 3.7 5.5#





#13
Ethanol
Concen: 7.068 ppbv
RT: 1.719 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12

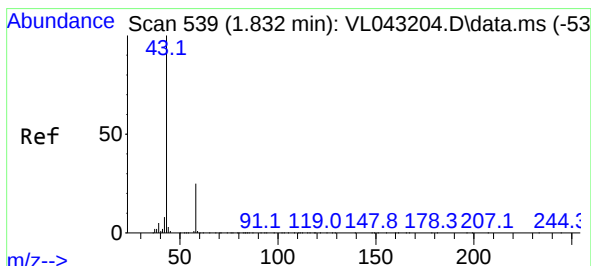
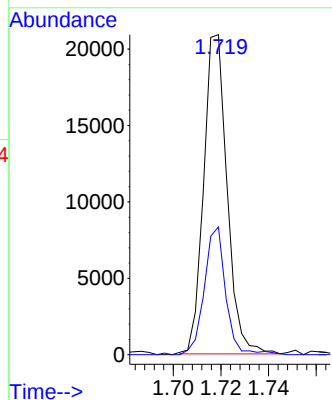
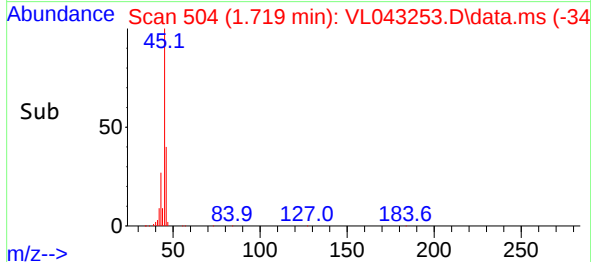
Instrument :
MSVOA_L
ClientSampleId :
15-SG-1DL



Tgt Ion: 45 Resp: 1428
Ion Ratio Lower Upper
45 100
46 36.6 15.0 59.8

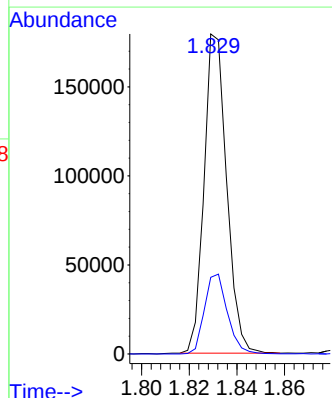
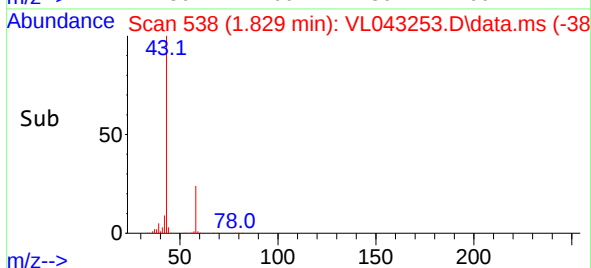
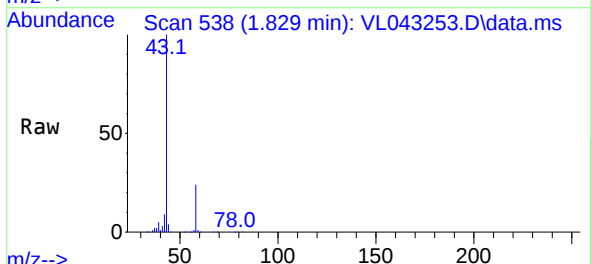
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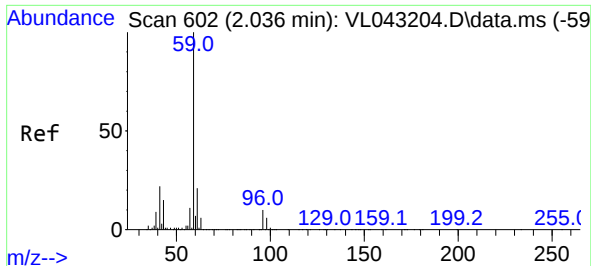
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#15
Acetone
Concen: 8.725 ppbv
RT: 1.829 min Scan# 538
Delta R.T. -0.003 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12

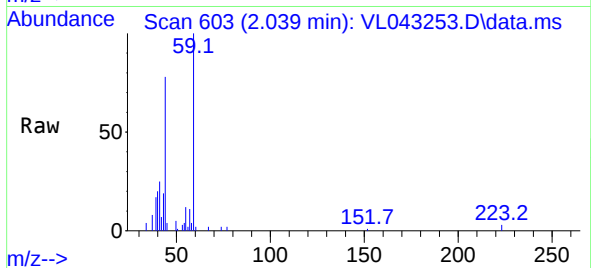
Tgt Ion: 43 Resp: 118278
Ion Ratio Lower Upper
43 100
58 25.5 20.7 31.1





#17
tert-Butyl alcohol
Concen: 0.196 ppbv
RT: 2.039 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12

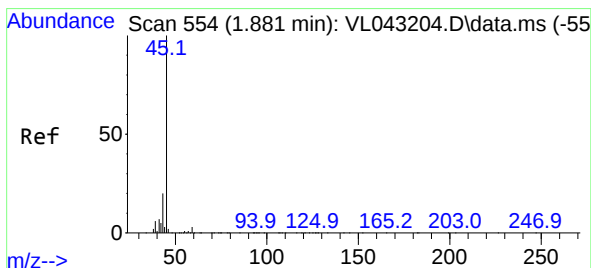
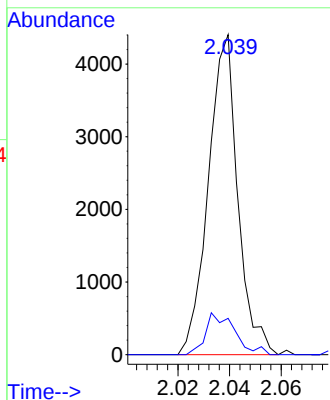
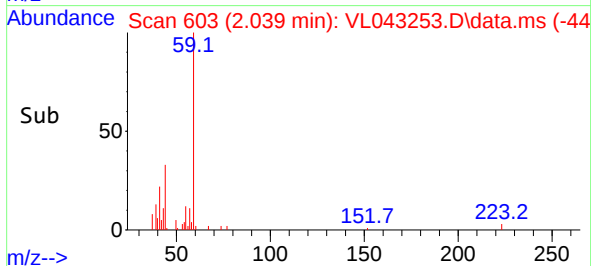
Instrument :
MSVOA_L
ClientSampleId :
15-SG-1DL



Tgt Ion: 59 Resp: 3488
Ion Ratio Lower Upper
59 100
57 13.0 9.0 13.4

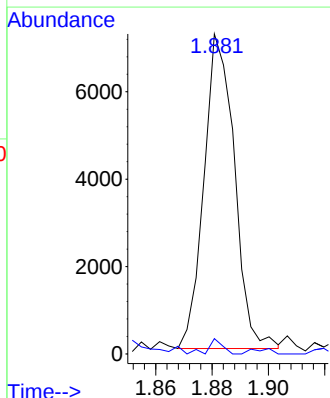
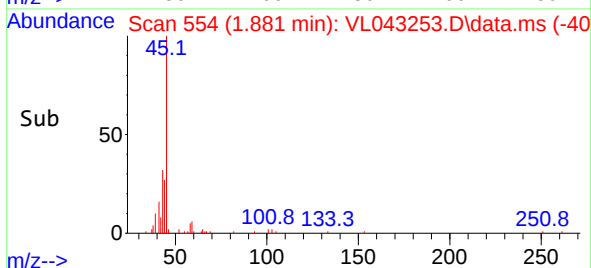
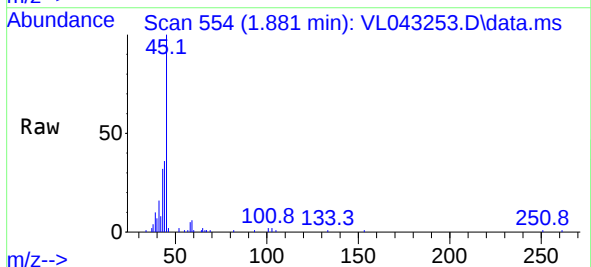
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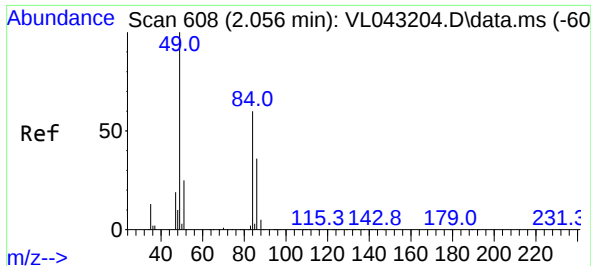
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#19
Isopropyl Alcohol
Concen: 0.706 ppbv
RT: 1.881 min Scan# 554
Delta R.T. -0.000 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12

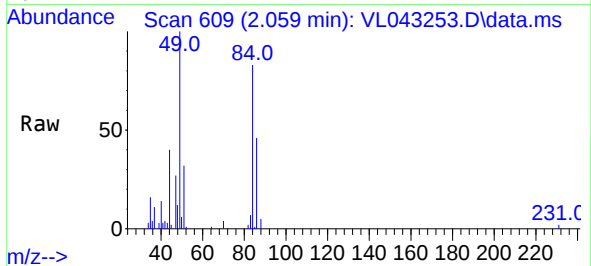
Tgt Ion: 45 Resp: 5404
Ion Ratio Lower Upper
45 100
58 557.6 31.3 46.9#





#20
Methylene Chloride
Concen: 0.262 ppbv
RT: 2.059 min Scan# 608
Delta R.T. 0.003 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12

Instrument :
MSVOA_L
ClientSampleId :
15-SG-1DL

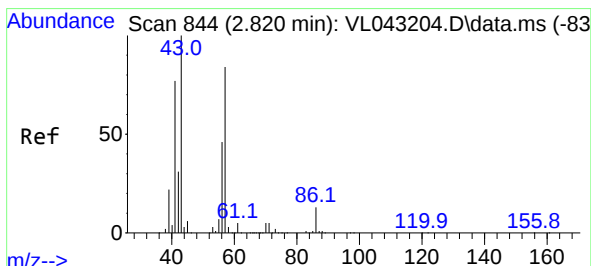
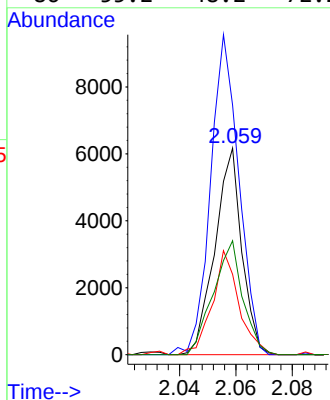
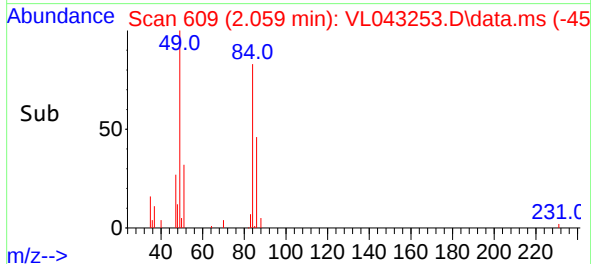


Tgt Ion: 84 Resp: 4098

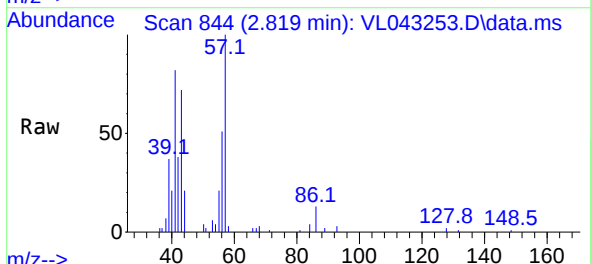
Ion	Ratio	Lower	Upper
84	100		
49	120.8	132.9	199.3
51	38.9	34.8	52.2
86	55.2	48.2	72.2

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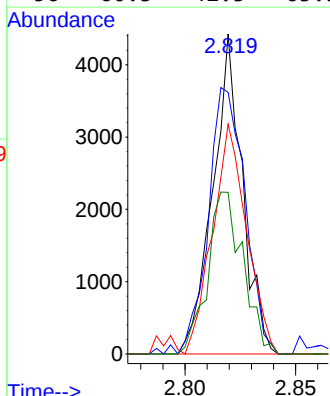
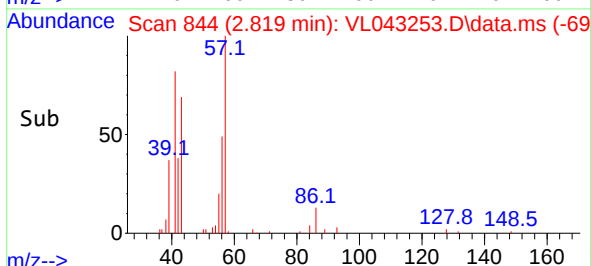


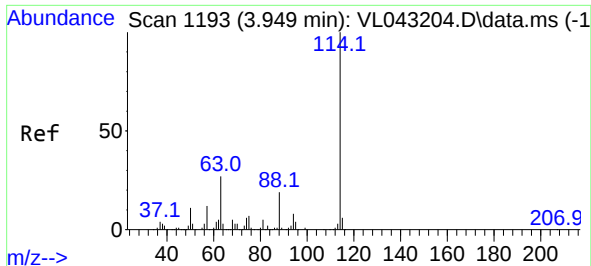
#26
Hexane
Concen: 0.322 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.000 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12



Tgt Ion: 57 Resp: 4125

Ion	Ratio	Lower	Upper
57	100		
41	107.6	74.6	111.8
43	85.7	179.0	268.4
56	60.3	42.3	63.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.946 min Scan# 1193

Delta R.T. -0.003 min

Lab File: VL043253.D

Acq: 19 Nov 2025 23:12

Instrument :

MSVOA_L

ClientSampleId :

15-SG-1DL

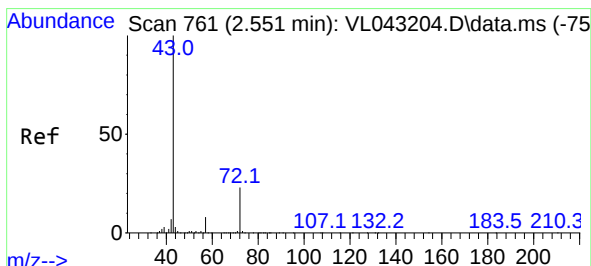
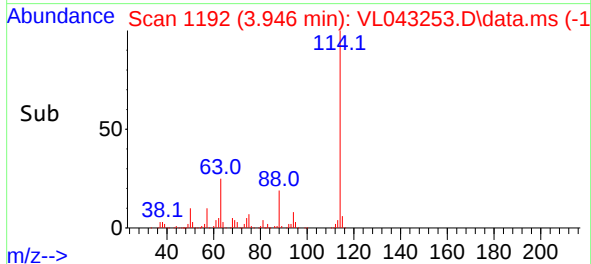
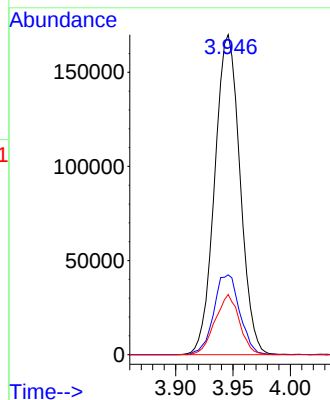
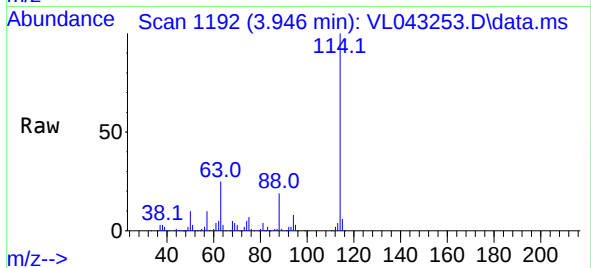
Tgt Ion:114 Resp: 26143

Ion	Ratio	Lower	Upper
114	100		
63	25.7	21.0	31.6
88	18.1	14.9	22.3

Manual Integrations

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Supervised By :Mahesh Dadoda 11/21/2025



#34

2-Butanone

Concen: 0.472 ppbv

RT: 2.551 min Scan# 761

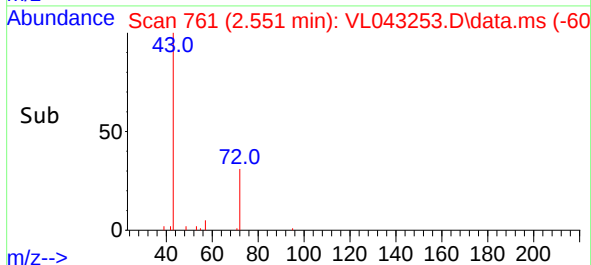
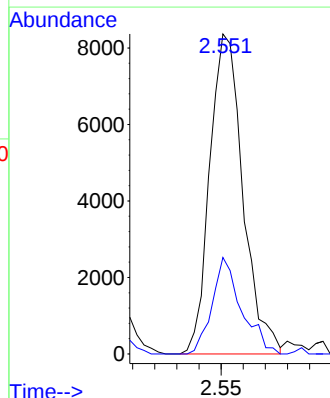
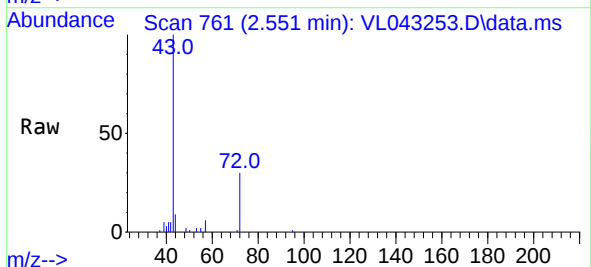
Delta R.T. -0.000 min

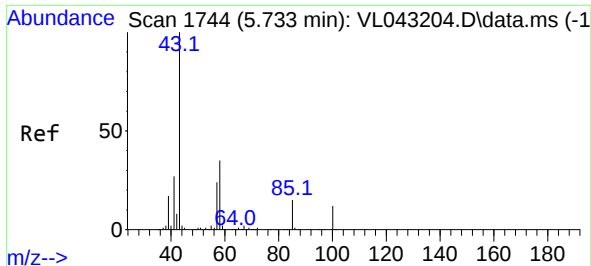
Lab File: VL043253.D

Acq: 19 Nov 2025 23:12

Tgt Ion: 43 Resp: 8708

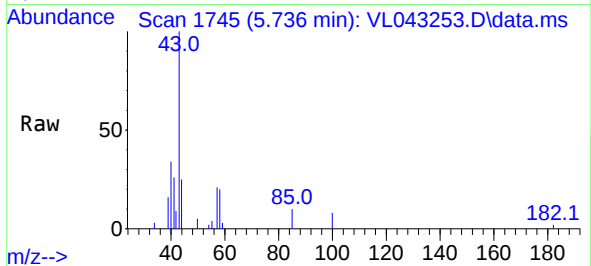
Ion	Ratio	Lower	Upper
43	100		
72	27.2	18.1	27.1#





#50
4-Methyl-2-Pentanone
Concen: 0.240 ppbv m
RT: 5.736 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12

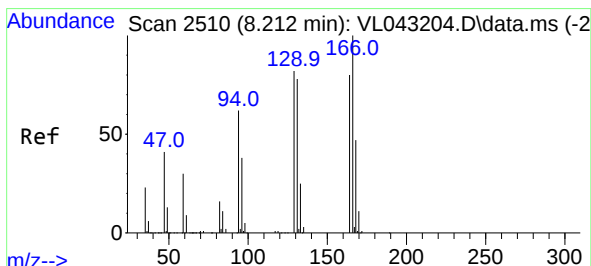
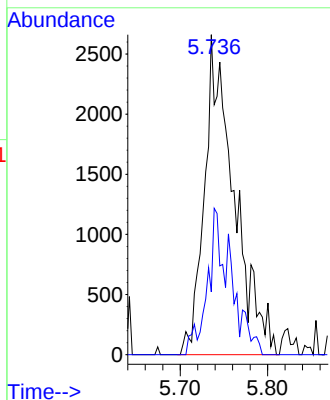
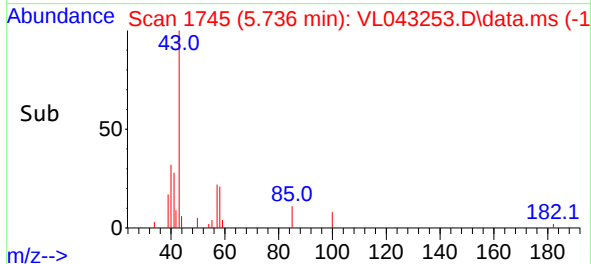
Instrument :
MSVOA_L
ClientSampleId :
15-SG-1DL



Tgt Ion: 43 Resp: 6238
Ion Ratio Lower Upper
43 100
58 36.3 28.4 42.6

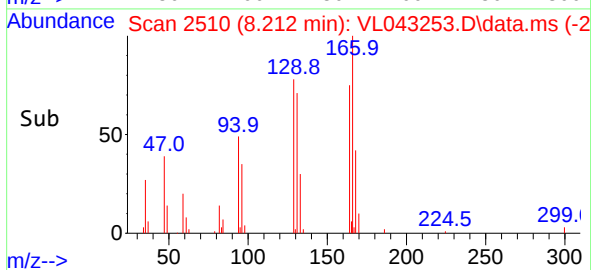
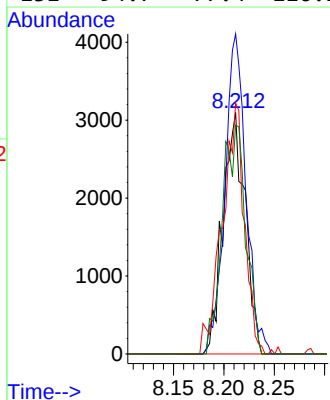
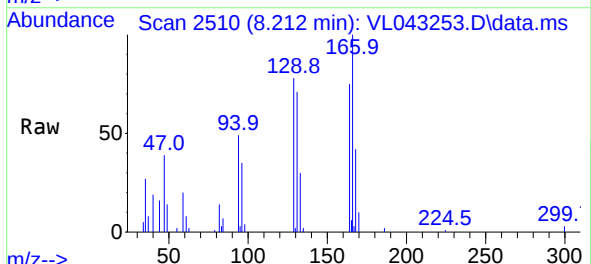
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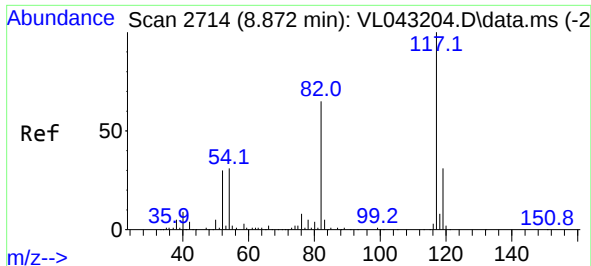
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#52
Tetrachloroethene
Concen: 0.507 ppbv m
RT: 8.212 min Scan# 2510
Delta R.T. -0.000 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12

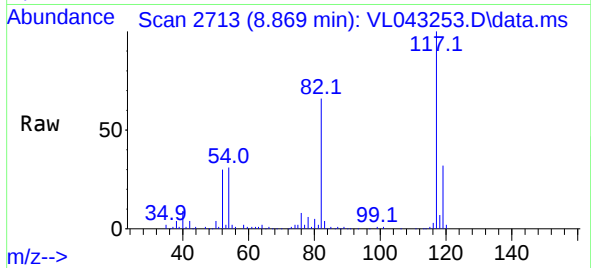
Tgt Ion:164 Resp: 4721
Ion Ratio Lower Upper
164 100
166 132.5 99.4 149.2
129 103.9 81.8 122.8
131 94.7 77.4 116.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12

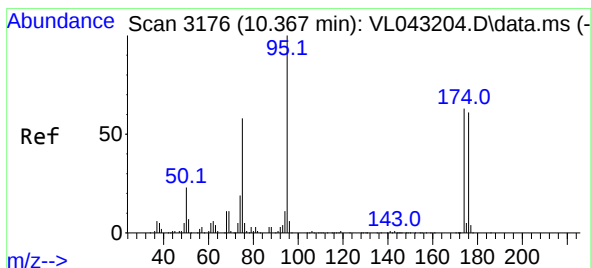
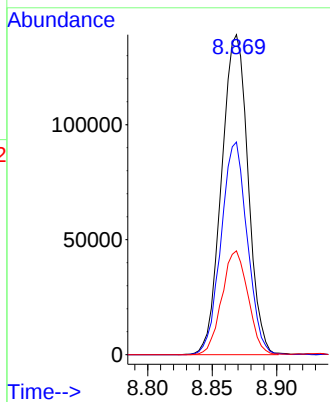
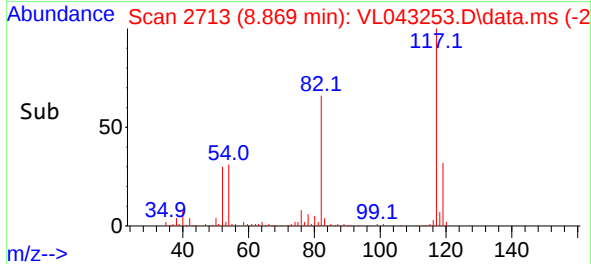
Instrument :
MSVOA_L
ClientSampleId :
15-SG-1DL



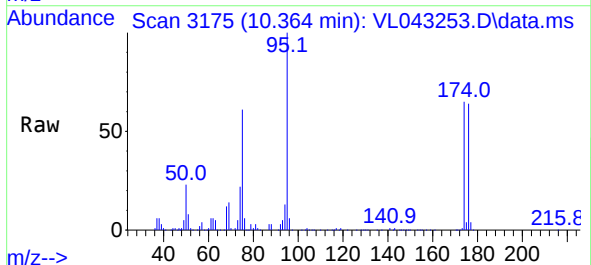
Tgt Ion:117 Resp: 19857
Ion Ratio Lower Upper
117 100
82 65.9 56.1 84.1
119 32.1 25.0 37.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.791 ppbv
RT: 10.364 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VL043253.D
Acq: 19 Nov 2025 23:12



Tgt Ion: 95 Resp: 142507
Ion Ratio Lower Upper
95 100
174 66.4 50.2 75.2
175 5.0 4.1 6.1

