

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043075.D
 Acq On : 09 Oct 2025 00:55
 Operator : SY/MD
 Sample : Q3320-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 02:48:49 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2025

QLast Update : Fri Oct 03 08:23:34 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.780	49	164593	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	413318	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.872	117	322709	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	220238	9.474	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%
Target Compounds						
					Qvalue	
9) Propene	1.486	41	1320	0.122	ppbv	94
13) Ethanol	1.719	45	11851	28.954	ppbv	99
15) Acetone	1.835	43	10451	0.453	ppbv	91
19) Isopropyl Alcohol	1.884	45	2962m	0.268	ppbv	
20) Methylene Chloride	2.059	84	4392	0.437	ppbv #	87
26) Hexane	2.823	57	2402	0.108	ppbv #	36

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

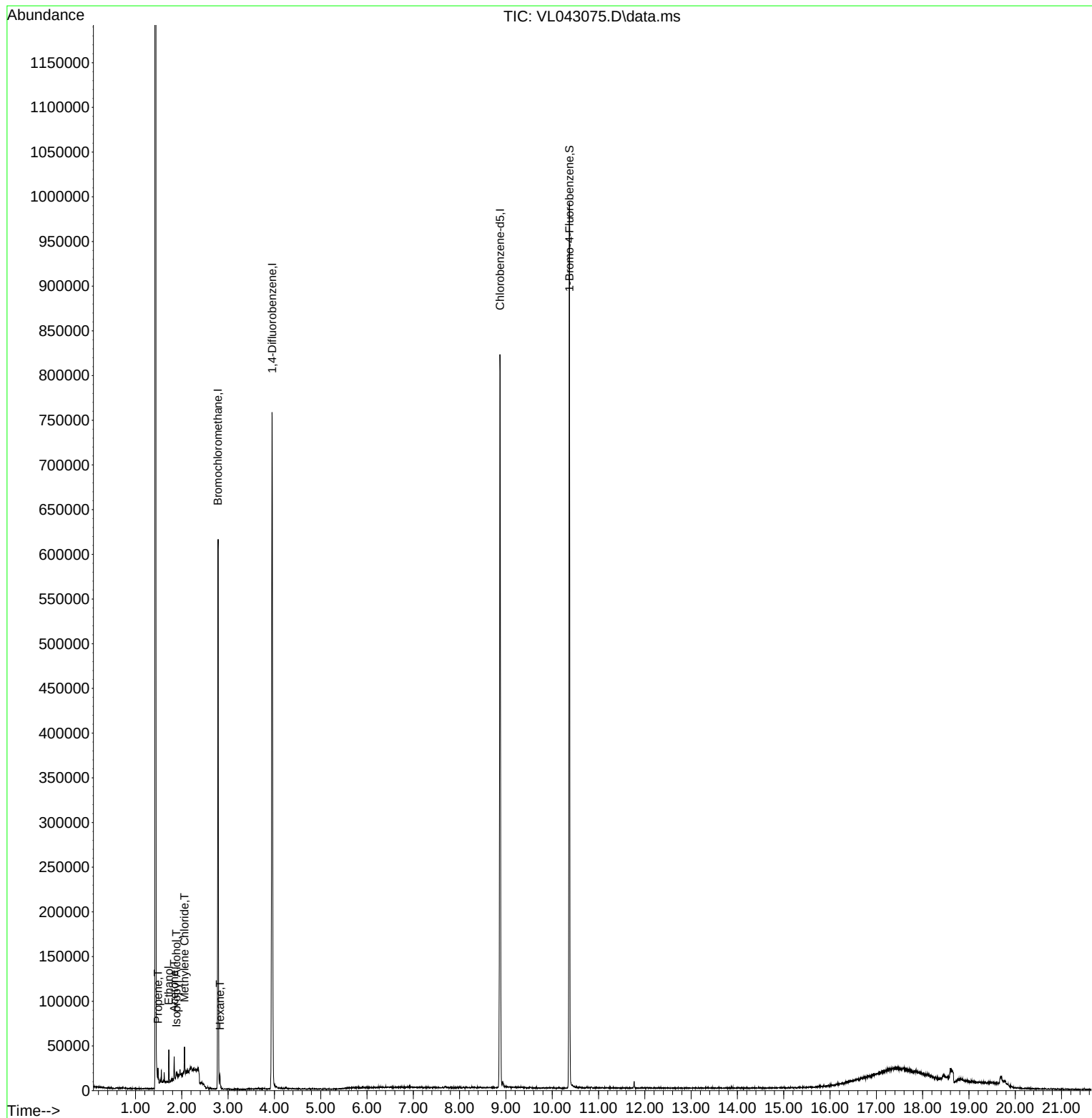
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
Data File : VL043075.D
Acq On : 09 Oct 2025 00:55
Operator : SY/MD
Sample : Q3320-05DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

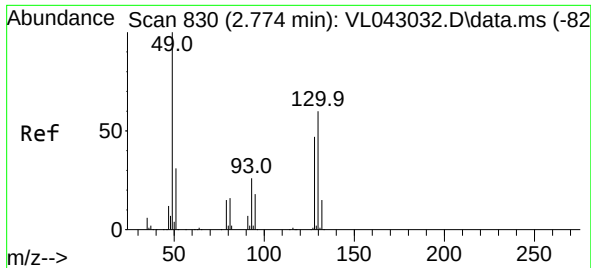
Instrument :
MSVOA_L
ClientSampleId :
IA3DL

Quant Time: Oct 09 02:48:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

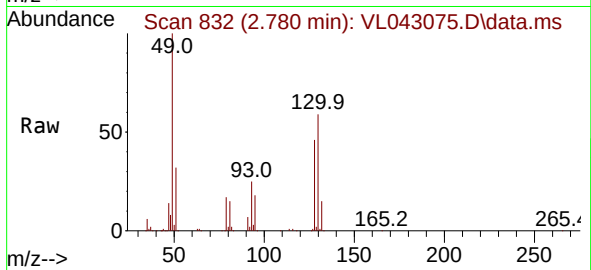
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.780 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043075.D
Acq: 09 Oct 2025 00:55

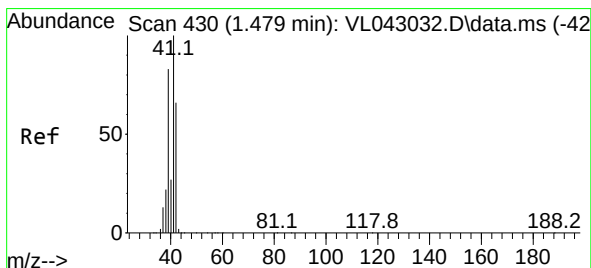
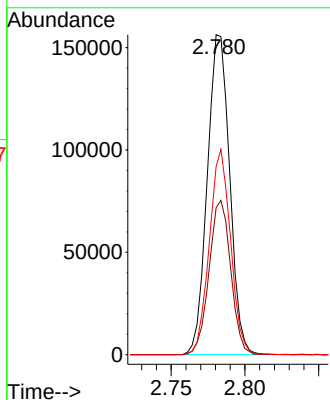
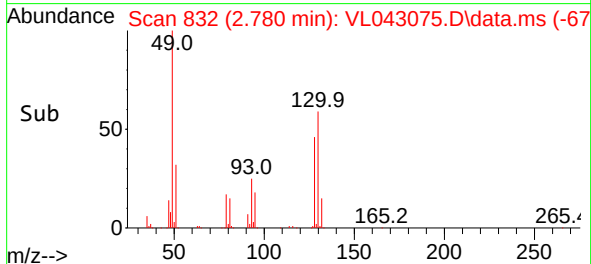
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



Tgt Ion: 49 Resp: 16459
Ion Ratio Lower Upper
49 100
128 46.8 24.1 72.2
130 61.0 31.4 94.3

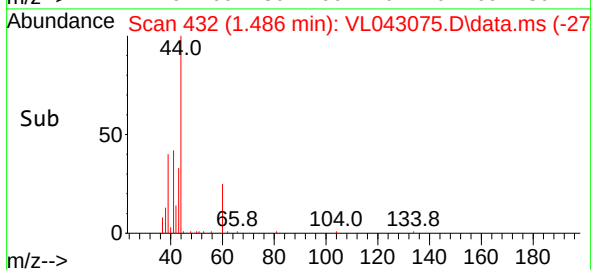
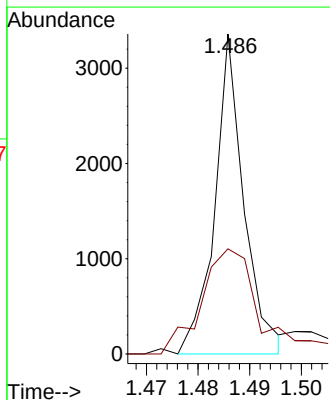
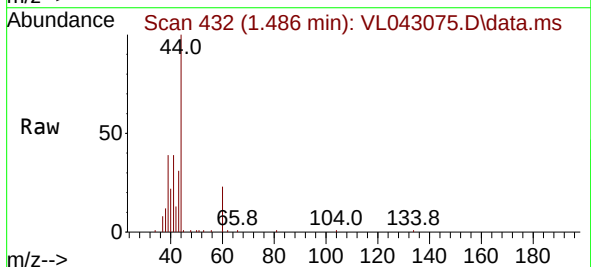
Manual Integrations
APPROVED

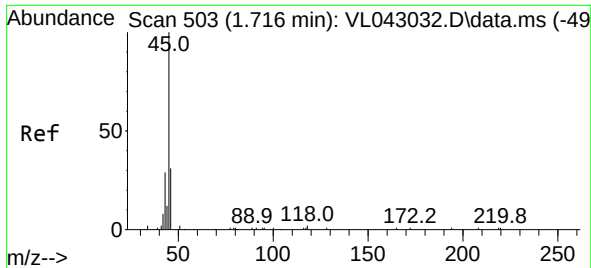
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#9
Propene
Concen: 0.122 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.006 min
Lab File: VL043075.D
Acq: 09 Oct 2025 00:55

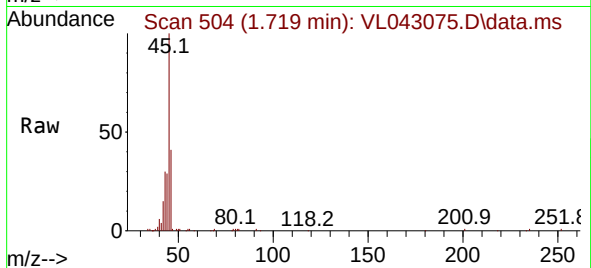
Tgt Ion: 41 Resp: 1320
Ion Ratio Lower Upper
41 100
42 71.2 53.3 79.9





#13
Ethanol
Concen: 28.954 ppbv
RT: 1.719 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL043075.D
Acq: 09 Oct 2025 00:55

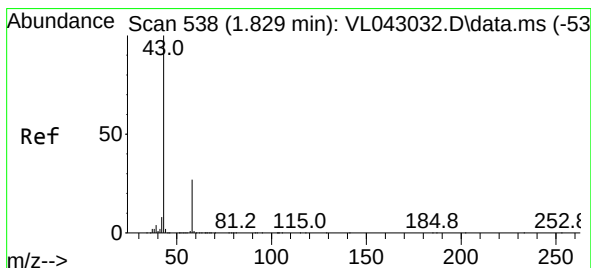
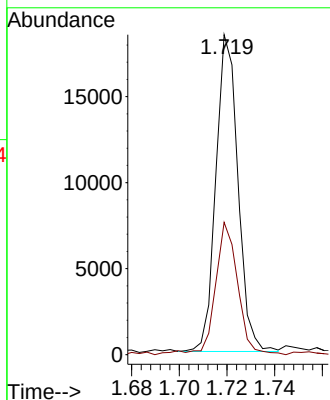
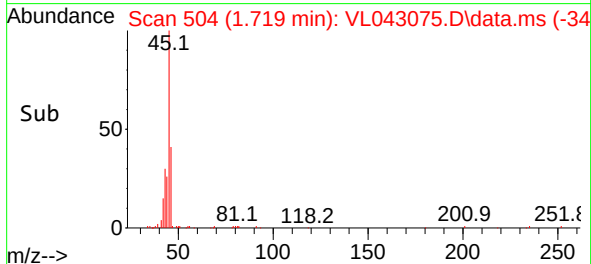
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



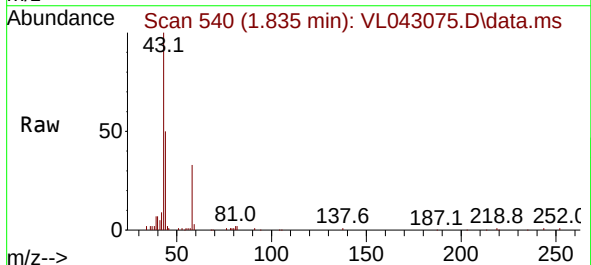
Tgt Ion: 45 Resp: 1185
Ion Ratio Lower Upper
45 100
46 44.1 17.8 71.4

Manual Integrations
APPROVED

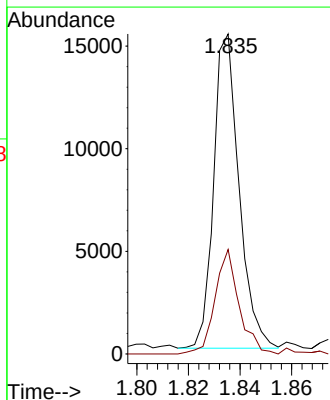
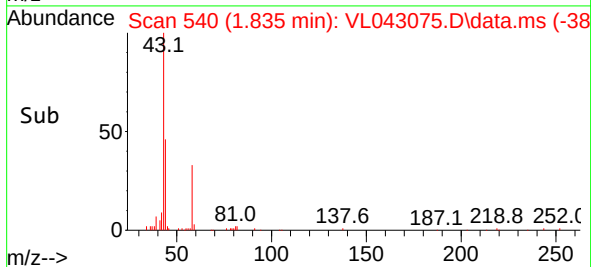
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

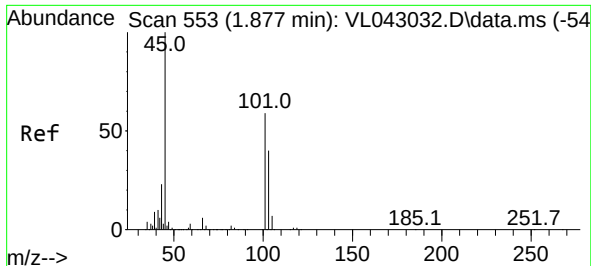


#15
Acetone
Concen: 0.453 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.006 min
Lab File: VL043075.D
Acq: 09 Oct 2025 00:55



Tgt Ion: 43 Resp: 10451
Ion Ratio Lower Upper
43 100
58 32.6 22.2 33.4





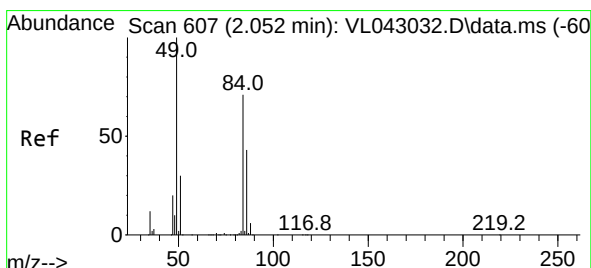
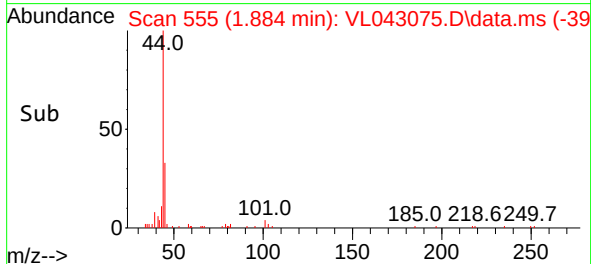
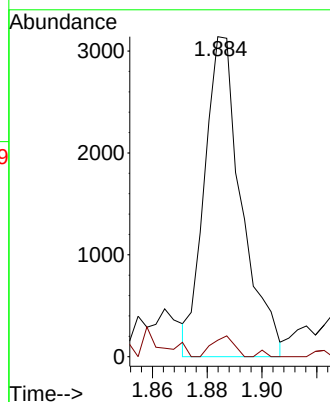
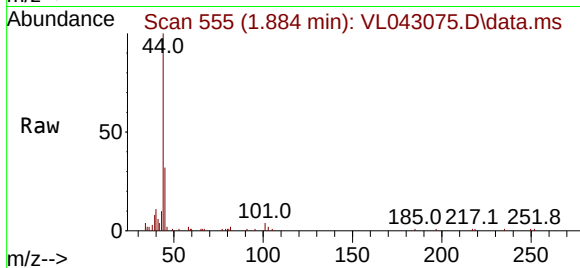
#19
Isopropyl Alcohol
Concen: 0.268 ppbv m
RT: 1.884 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL043075.D
Acq: 09 Oct 2025 00:55

Instrument :
MSVOA_L
ClientSampleId :
IA3DL

Tgt Ion: 45 Resp: 2962
Ion Ratio Lower Upper
45 100
58 15.9 42.3 63.5

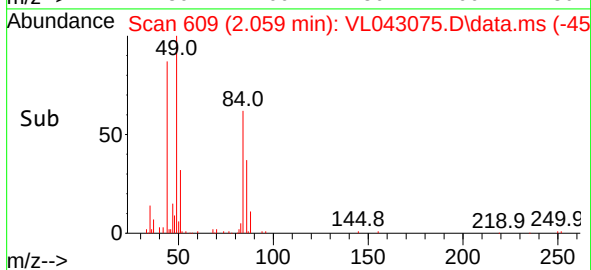
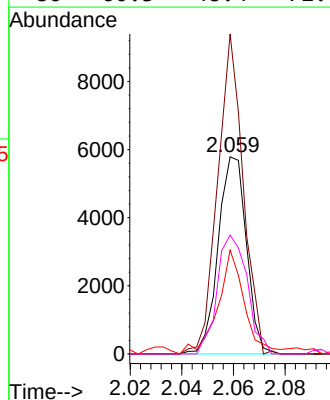
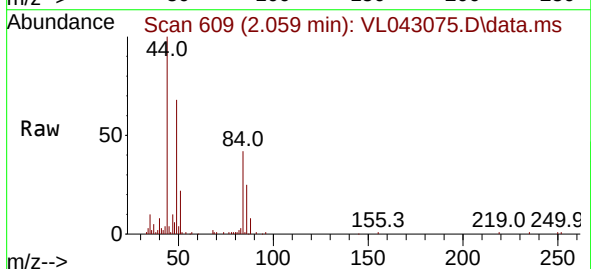
Manual Integrations
APPROVED

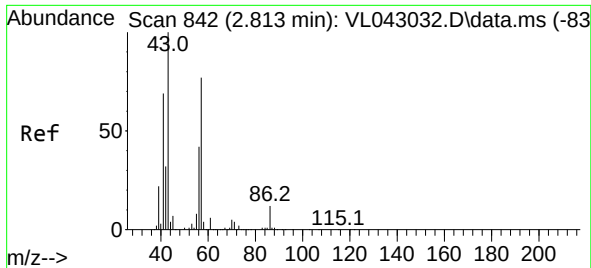
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Methylene Chloride
Concen: 0.437 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.006 min
Lab File: VL043075.D
Acq: 09 Oct 2025 00:55

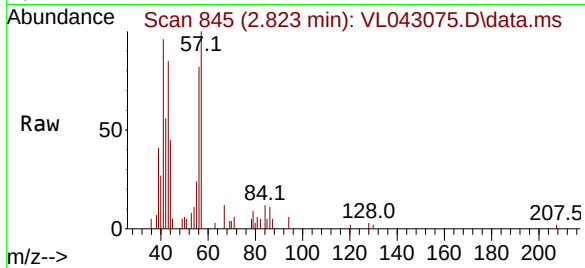
Tgt Ion: 84 Resp: 4392
Ion Ratio Lower Upper
84 100
49 162.3 112.5 168.7
51 52.7 34.2 51.2#
86 60.3 48.4 72.6





#26
Hexane
Concen: 0.108 ppbv
RT: 2.823 min Scan# 842
Delta R.T. 0.010 min
Lab File: VL043075.D
Acq: 09 Oct 2025 00:55

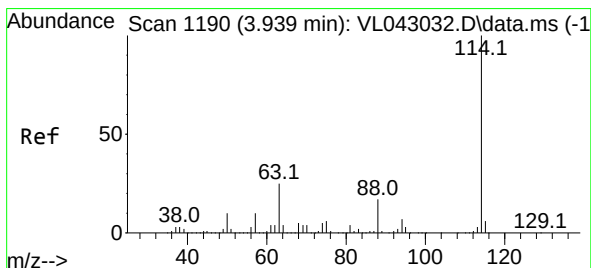
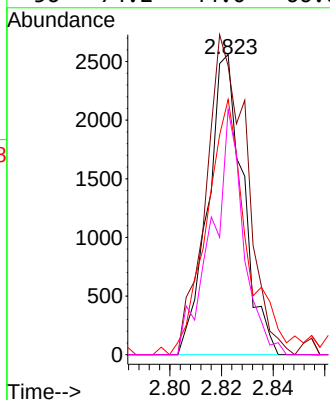
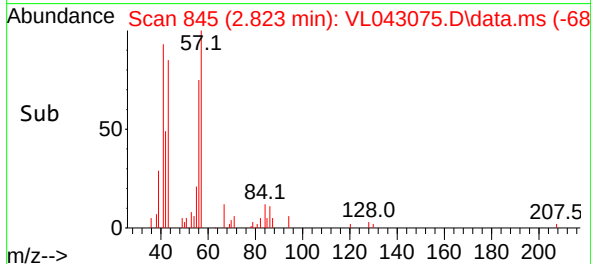
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



Tgt Ion: 57 Resp: 240
Ion Ratio Lower Upper
57 100
41 126.1 76.1 114.1
43 105.0 201.4 302.0
56 74.2 44.0 66.0

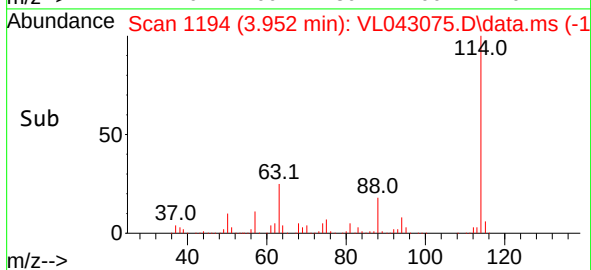
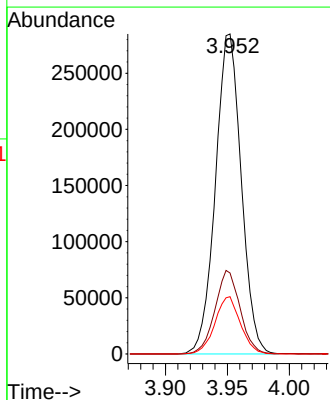
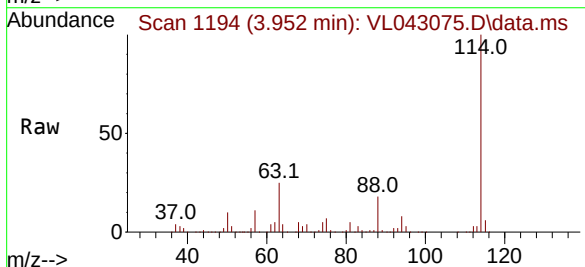
Manual Integrations
APPROVED

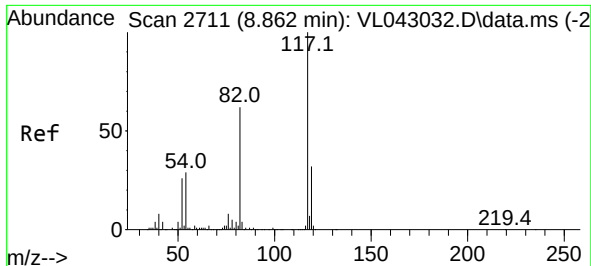
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. 0.013 min
Lab File: VL043075.D
Acq: 09 Oct 2025 00:55

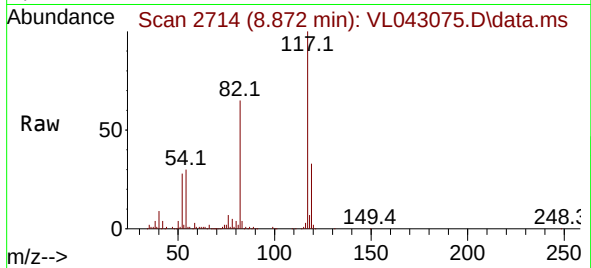
Tgt Ion:114 Resp: 413318
Ion Ratio Lower Upper
114 100
63 25.5 19.4 29.2
88 17.7 13.9 20.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. 0.010 min
Lab File: VL043075.D
Acq: 09 Oct 2025 00:55

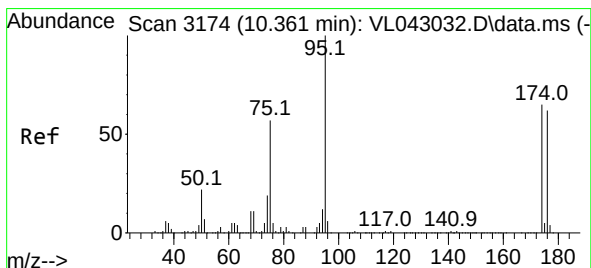
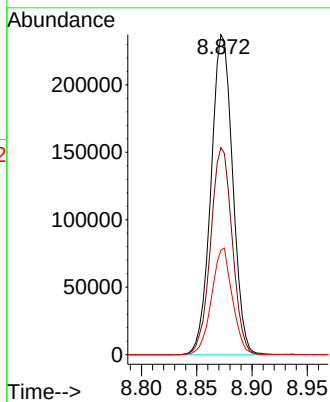
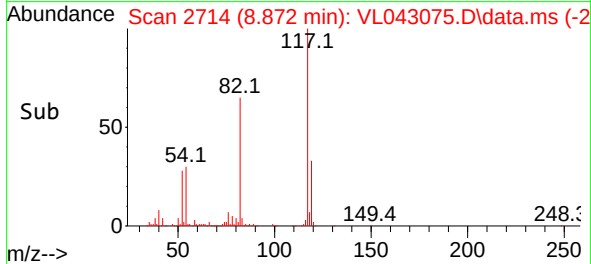
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



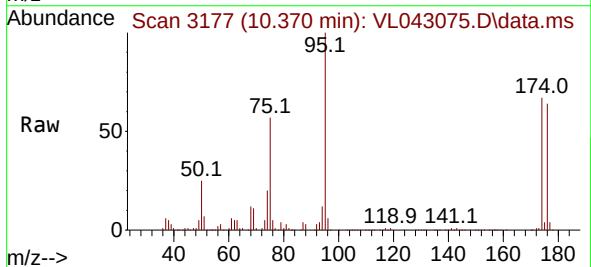
Tgt Ion:117 Resp: 322709
Ion Ratio Lower Upper
117 100
82 64.9 53.0 79.6
119 32.1 25.4 38.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.474 ppbv
RT: 10.370 min Scan# 3177
Delta R.T. 0.010 min
Lab File: VL043075.D
Acq: 09 Oct 2025 00:55



Tgt Ion: 95 Resp: 220238
Ion Ratio Lower Upper
95 100
174 65.3 52.3 78.5
175 4.6 3.8 5.8

