

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042744.D
 Acq On : 22 Jul 2025 23:50
 Operator : SY/MD
 Sample : Q2632-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/23/2025
 Supervised By :Mahesh Dadoda 07/23/2025

Quant Time: Jul 23 03:08:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Jul 23 02:51:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	107003	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	308379	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	271224	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	222133	10.133	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
					Qvalue	
9) Propene	1.486	41	1065	0.159	ppbv #	48
13) Ethanol	1.722	45	4899m	4.345	ppbv	
15) Acetone	1.839	43	11964	0.668	ppbv	94
20) Methylene Chloride	2.062	84	4345	0.771	ppbv	95
52) Tetrachloroethene	8.228	164	1445m	0.125	ppbv	

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

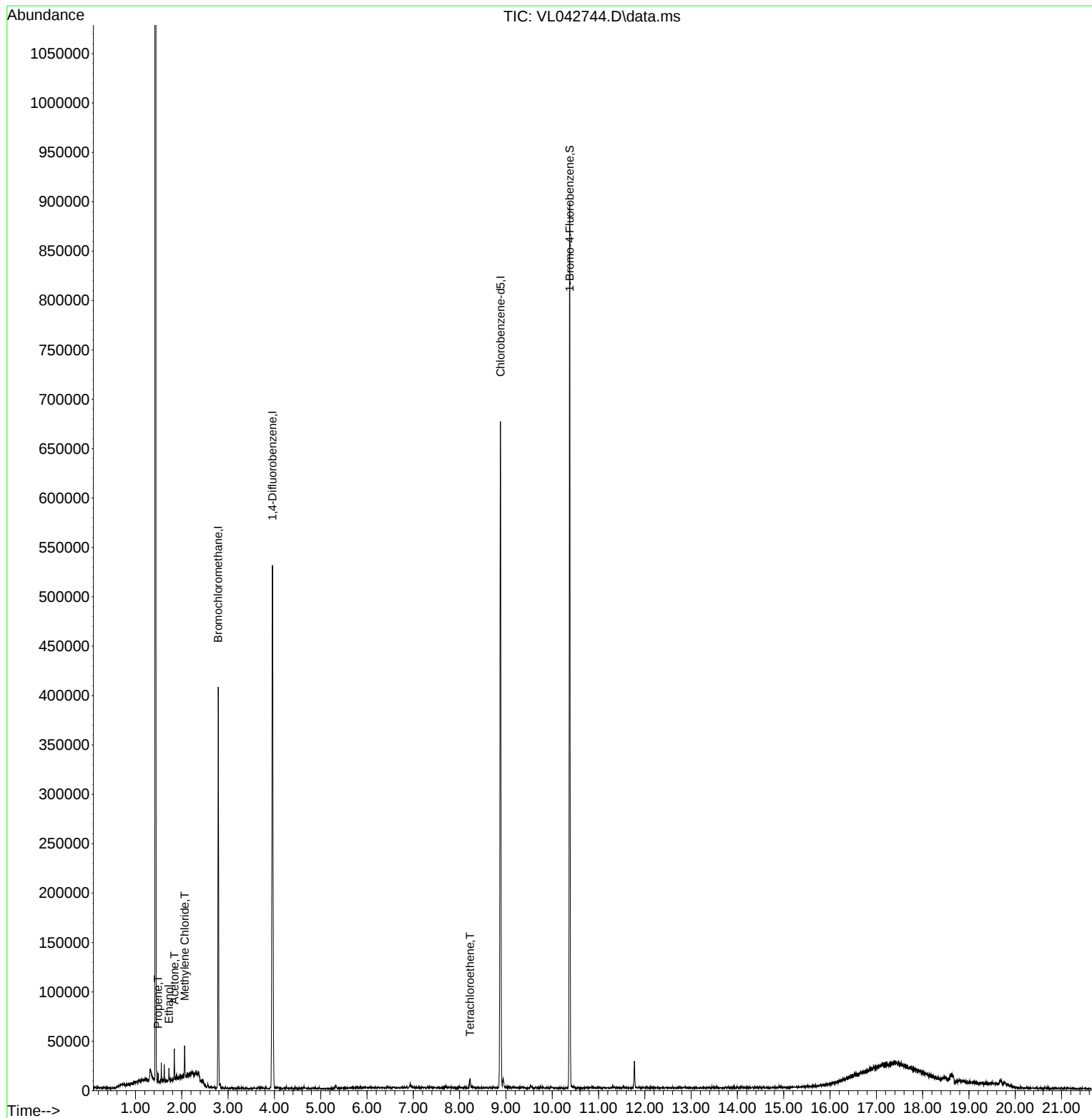
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
Data File : VL042744.D
Acq On : 22 Jul 2025 23:50
Operator : SY/MD
Sample : Q2632-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

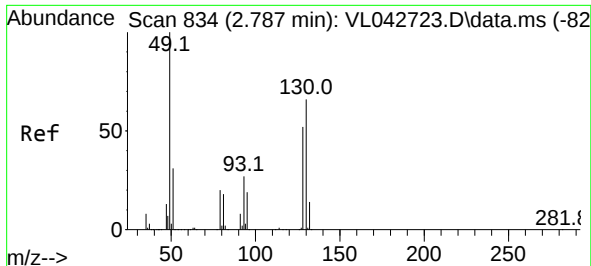
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 07/23/2025
Supervised By : Mahesh Dadoda 07/23/2025

Quant Time: Jul 23 03:08:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Jul 23 02:51:39 2025
Response via : Initial Calibration





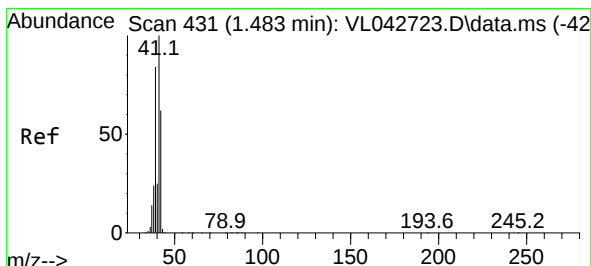
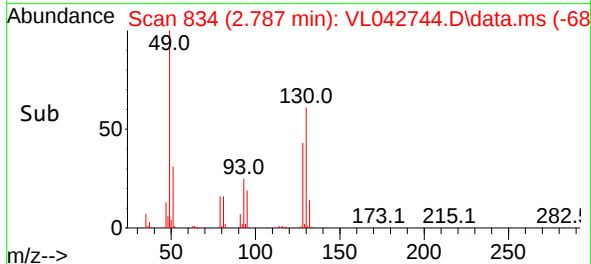
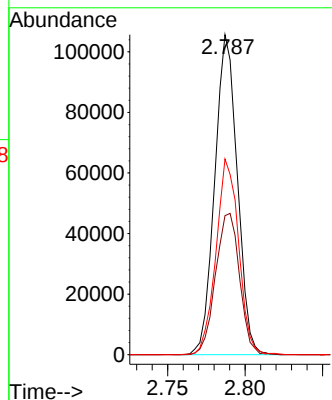
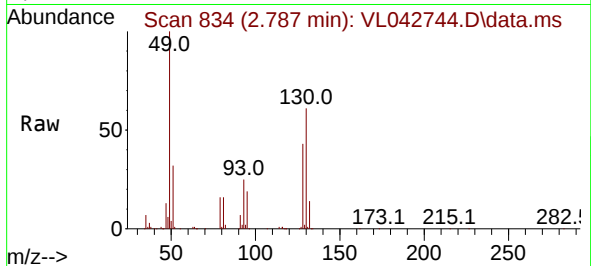
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042744.D
Acq: 22 Jul 2025 23:50

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 49 Resp: 107000
Ion Ratio Lower Upper
49 100
128 47.0 24.5 73.5
130 61.3 31.7 95.1

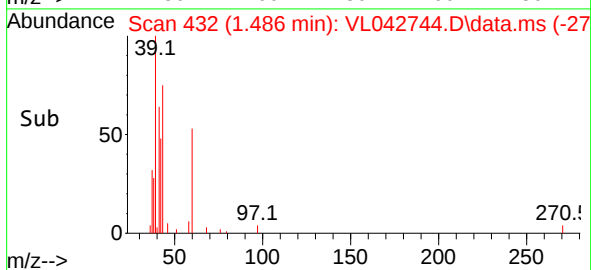
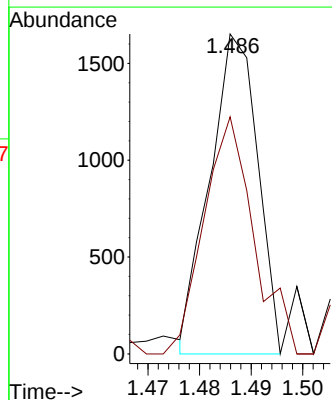
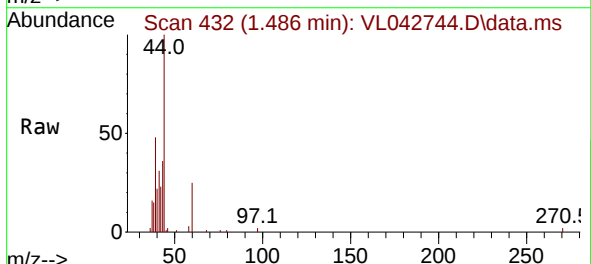
Manual Integrations
APPROVED

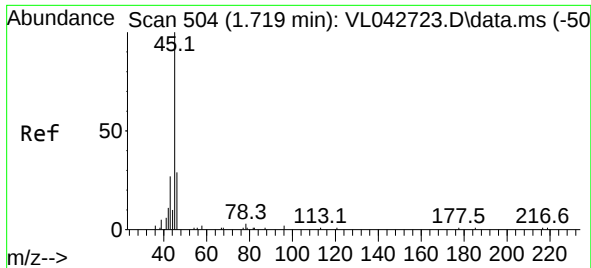
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#9
Propene
Concen: 0.159 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL042744.D
Acq: 22 Jul 2025 23:50

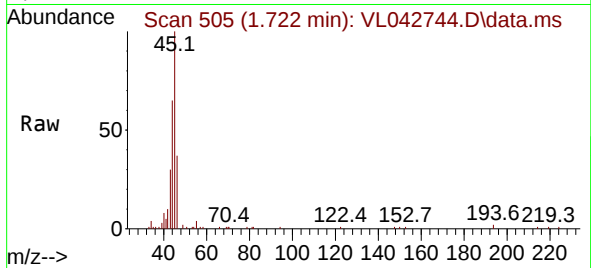
Tgt Ion: 41 Resp: 1065
Ion Ratio Lower Upper
41 100
42 105.8 52.0 78.0#





#13
Ethanol
Concen: 4.345 ppbv m
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042744.D
Acq: 22 Jul 2025 23:50

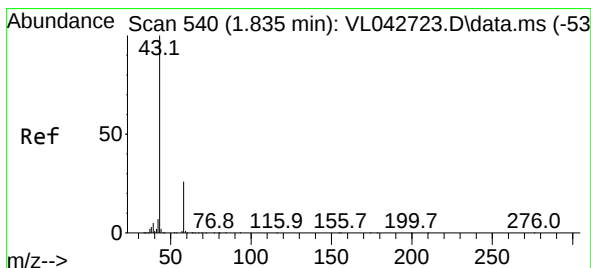
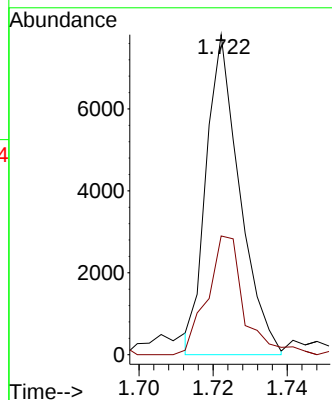
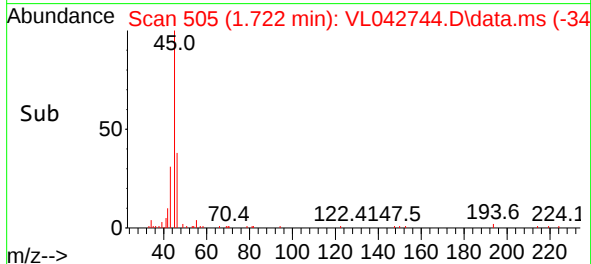
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 45 Resp: 4899
Ion Ratio Lower Upper
45 100
46 3727.9 16.3 65.1

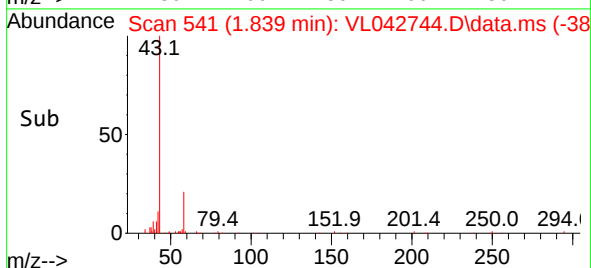
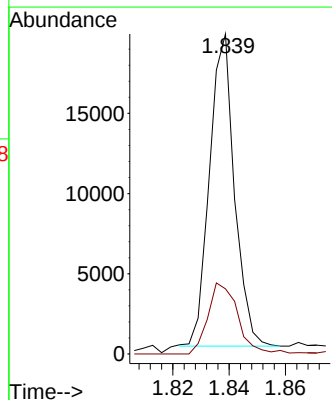
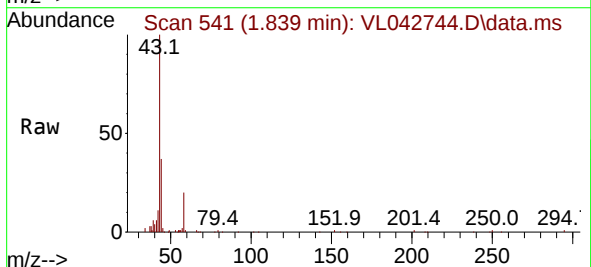
Manual Integrations
APPROVED

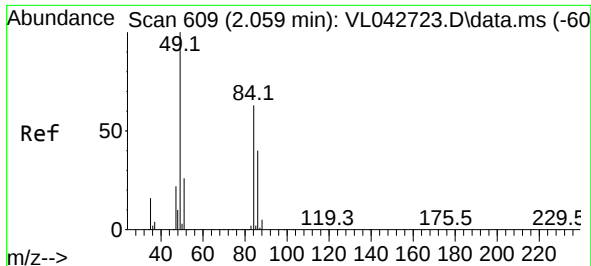
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#15
Acetone
Concen: 0.668 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042744.D
Acq: 22 Jul 2025 23:50

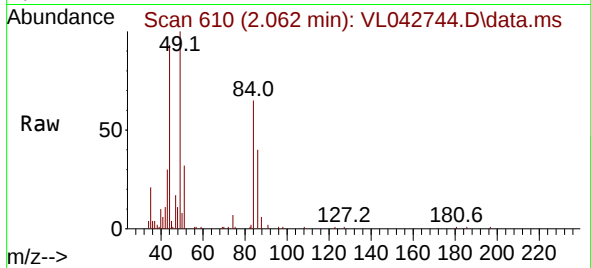
Tgt Ion: 43 Resp: 11964
Ion Ratio Lower Upper
43 100
58 28.8 20.5 30.7





#20
Methylene Chloride
Concen: 0.771 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042744.D
Acq: 22 Jul 2025 23:50

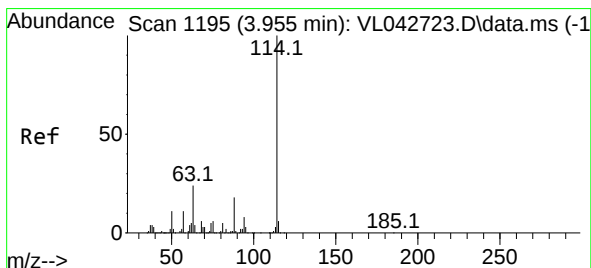
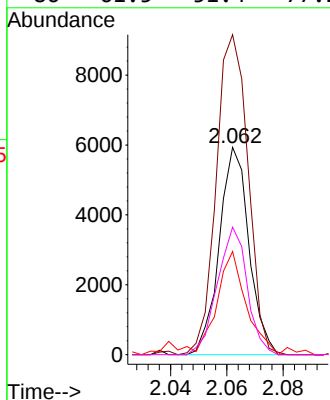
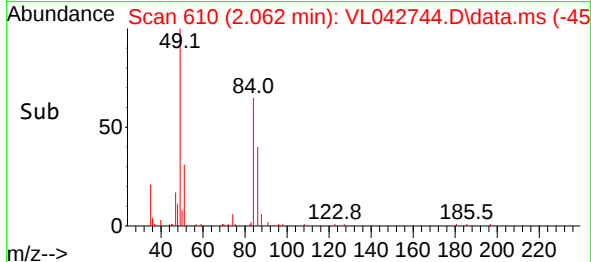
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion:	84	Resp:	434
Ion	Ratio	Lower	Upper
84	100		
49	154.3	128.2	192.4
51	49.8	34.5	51.7
86	61.5	51.4	77.2

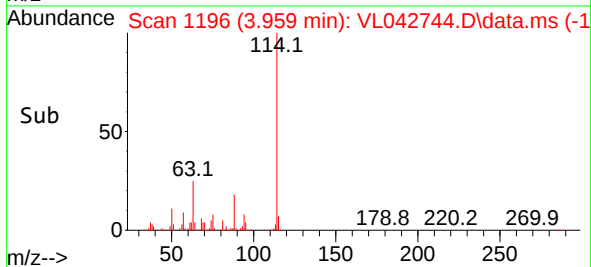
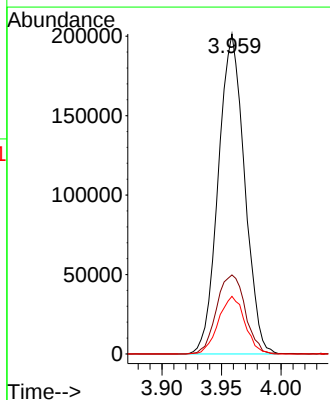
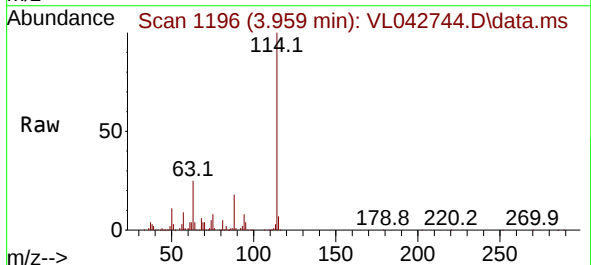
Manual Integrations
APPROVED

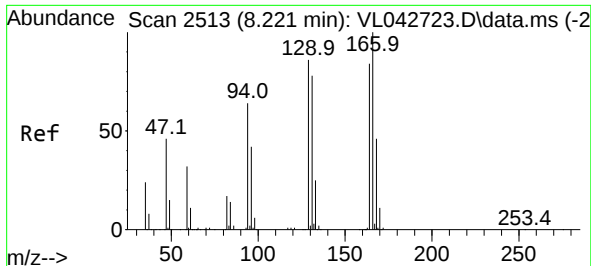
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.003 min
Lab File: VL042744.D
Acq: 22 Jul 2025 23:50

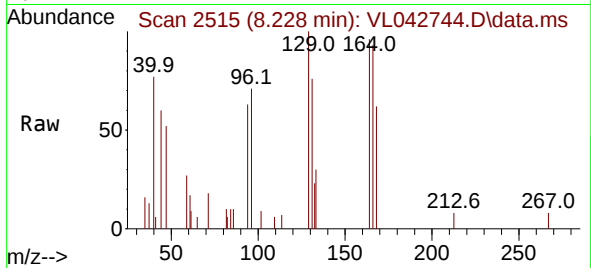
Tgt Ion:	114	Resp:	308379
Ion	Ratio	Lower	Upper
114	100		
63	27.0	20.4	30.6
88	18.2	14.5	21.7





#52
Tetrachloroethene
Concen: 0.125 ppbv m
RT: 8.228 min Scan# 2513
Delta R.T. 0.007 min
Lab File: VL042744.D
Acq: 22 Jul 2025 23:50

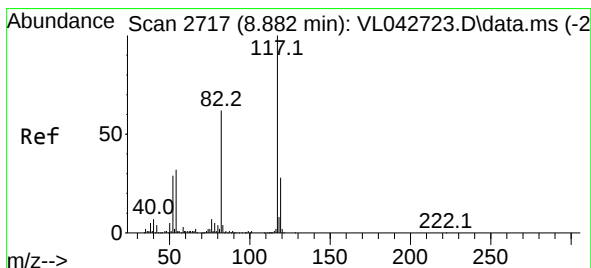
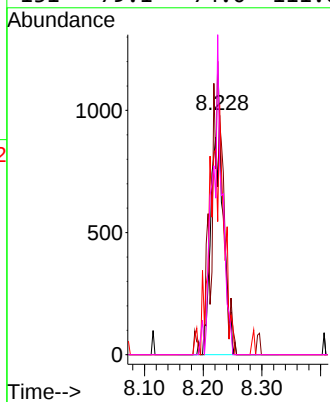
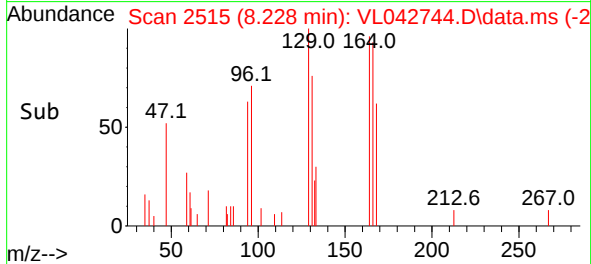
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion:164 Resp: 144
Ion Ratio Lower Upper
164 100
166 97.4 95.1 142.7
129 104.4 81.9 122.9
131 79.1 74.0 111.0

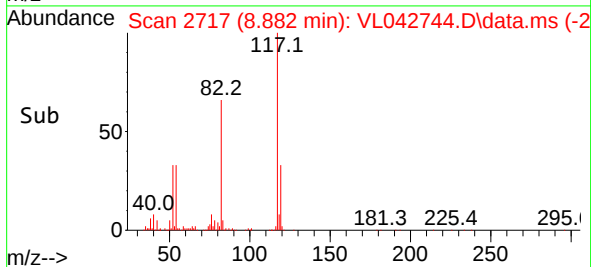
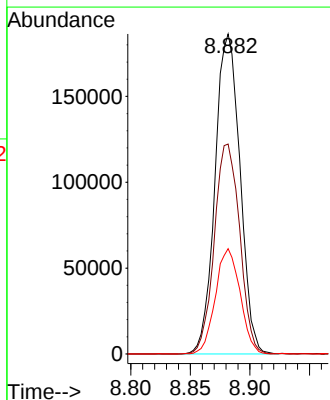
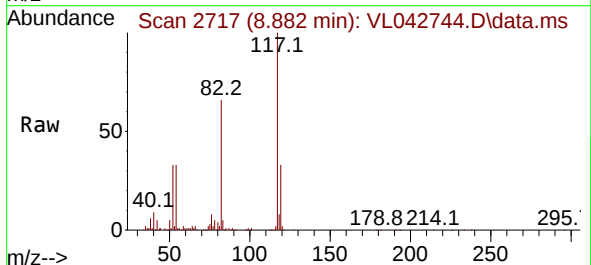
Manual Integrations
APPROVED

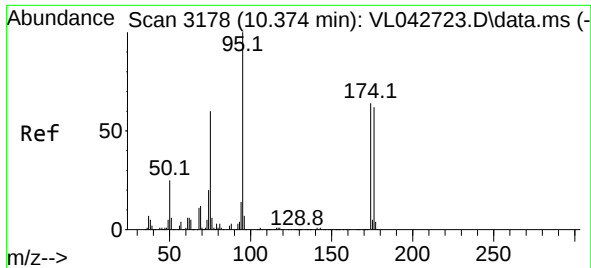
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL042744.D
Acq: 22 Jul 2025 23:50

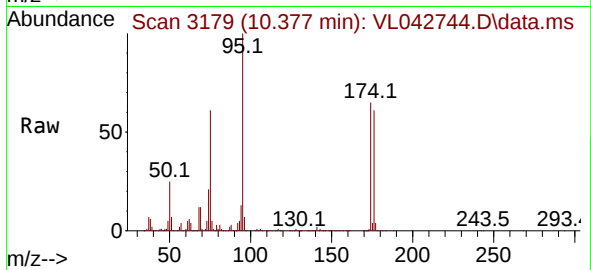
Tgt Ion:117 Resp: 271224
Ion Ratio Lower Upper
117 100
82 66.6 54.6 81.8
119 32.7 25.3 37.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.133 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.003 min
 Lab File: VL042744.D
 Acq: 22 Jul 2025 23:50

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL



Tgt Ion: 95 Resp: 222133
 Ion Ratio Lower Upper
 95 100
 174 64.0 51.4 77.2
 175 5.0 4.2 6.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/23/2025
 Supervised By :Mahesh Dadoda 07/23/2025

