

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042408.D
 Acq On : 21 Apr 2025 16:51
 Operator : SY/MD
 Sample : Q1844-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
 Supervised By :Mahesh Dadoda 04/22/2025

Quant Time: Apr 22 02:56:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		2.790	49	122330	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		3.962	114	334452	10.000	ppbv	0.00
55) Chlorobenzene-d5		8.885	117	282542	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		10.377	95	247631	10.666	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 106.700%	
Target Compounds							
							Qvalue
3) Chlorodifluoromethane		1.476	51	3071m	0.149	ppbv	
9) Propene		1.489	41	15031m	1.604	ppbv	
13) Ethanol		1.722	45	4803	3.224	ppbv	# 24
15) Acetone		1.839	43	13871	0.693	ppbv	# 47
20) Methylene Chloride		2.062	84	1332	0.170	ppbv	83
26) Hexane		2.832	57	2836	0.142	ppbv	# 29
29) Chloroform		2.852	83	5357	0.190	ppbv	100
31) cis-1,2-Dichloroethene		2.726	61	2516	0.132	ppbv	97
38) Trichloroethene		4.551	130	23894	1.515	ppbv	87
52) Tetrachloroethene		8.234	164	1127974	80.897	ppbv	96

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

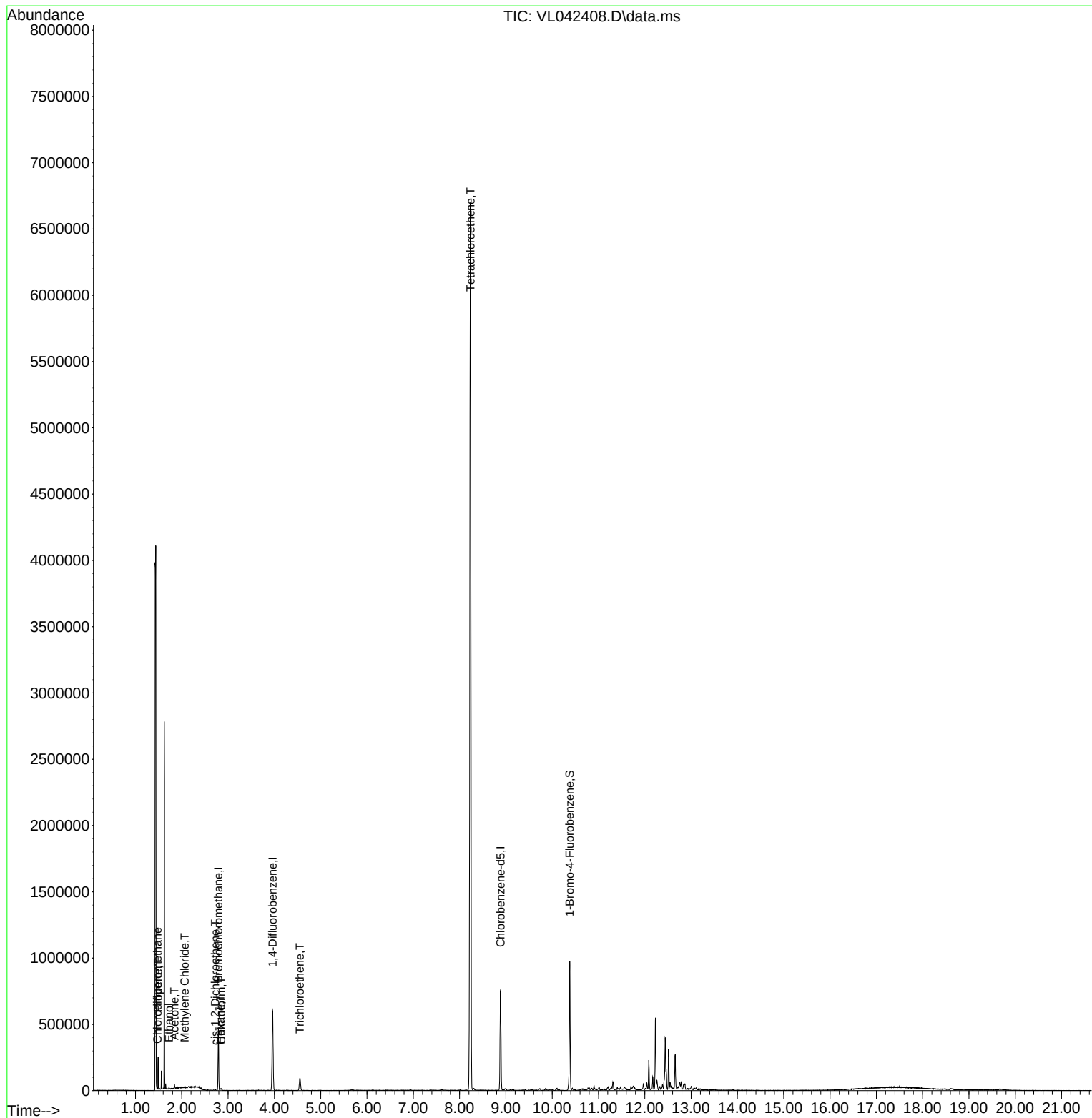
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
Data File : VL042408.D
Acq On : 21 Apr 2025 16:51
Operator : SY/MD
Sample : Q1844-01DL 40X
Misc : 400mL/MSVOA_L
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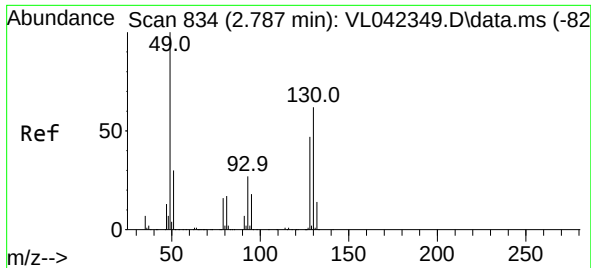
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

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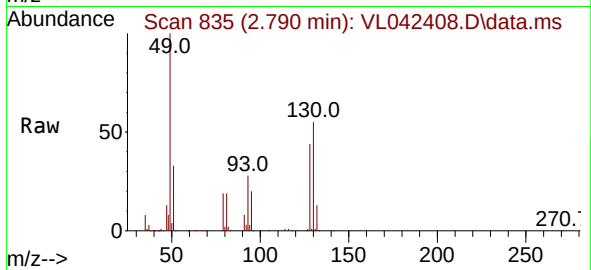
Quant Time: Apr 22 02:56:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL042408.D
Acq: 21 Apr 2025 16:51

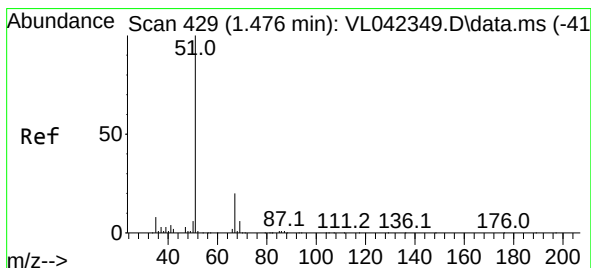
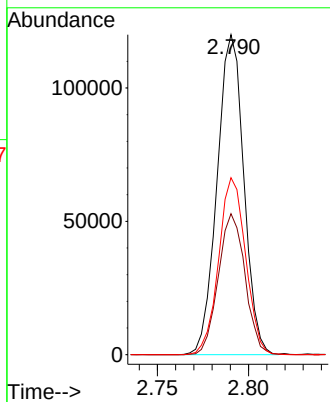
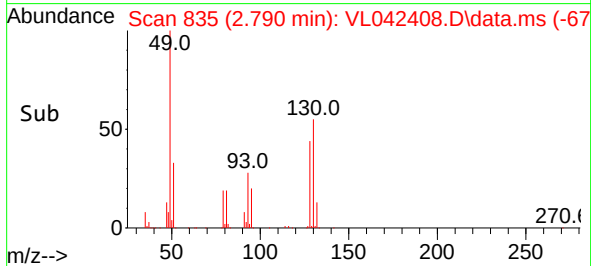
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 122330
Ion Ratio Lower Upper
49 100
128 44.0 22.8 68.4
130 55.7 29.3 88.0

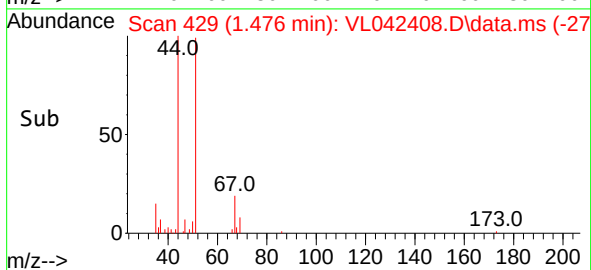
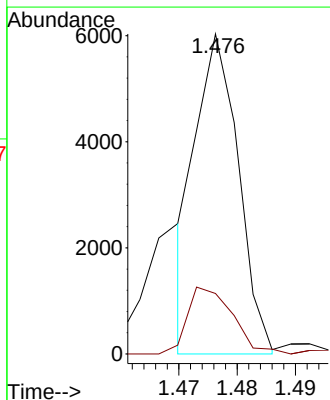
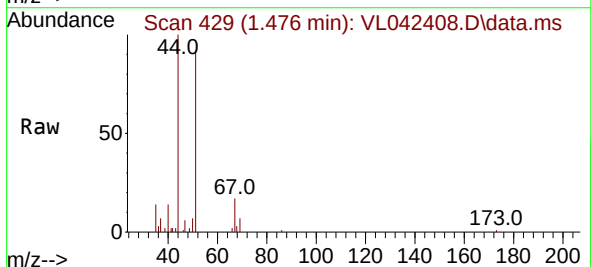
Manual Integrations
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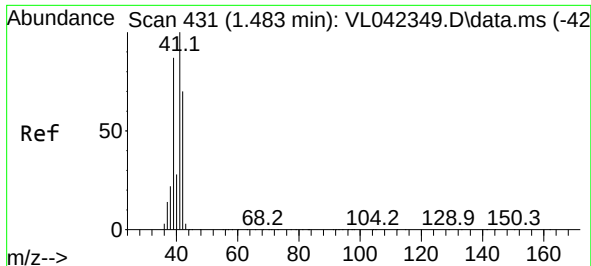
Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025



#3
Chlorodifluoromethane
Concen: 0.149 ppbv m
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042408.D
Acq: 21 Apr 2025 16:51

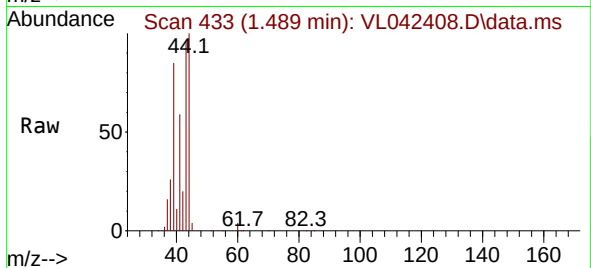
Tgt Ion: 51 Resp: 3071
Ion Ratio Lower Upper
51 100
67 23.4 16.2 24.4





#9
 Propene
 Concen: 1.604 ppbv m
 RT: 1.489 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL042408.D
 Acq: 21 Apr 2025 16:51

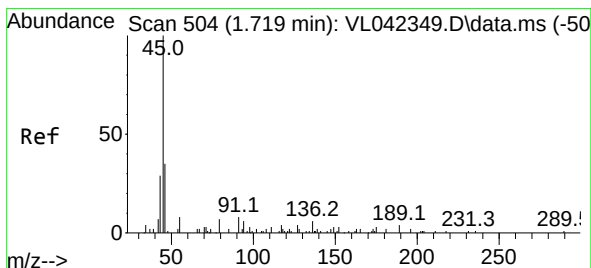
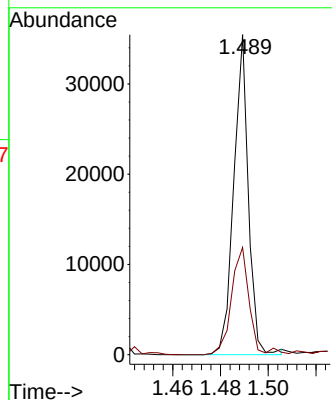
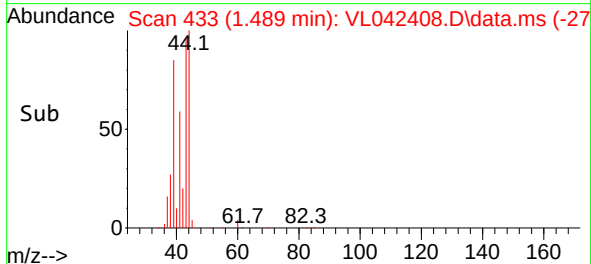
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



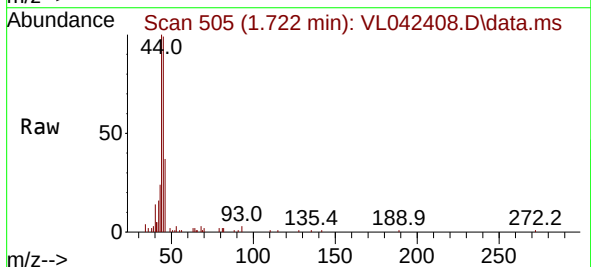
Tgt Ion: 41 Resp: 1503
 Ion Ratio Lower Upper
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 42 73.0 56.2 84.4

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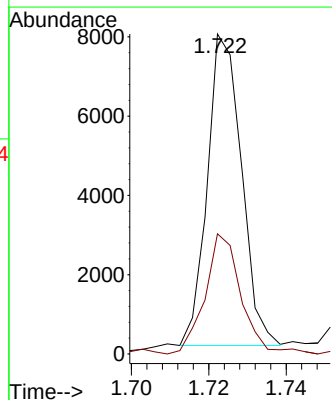
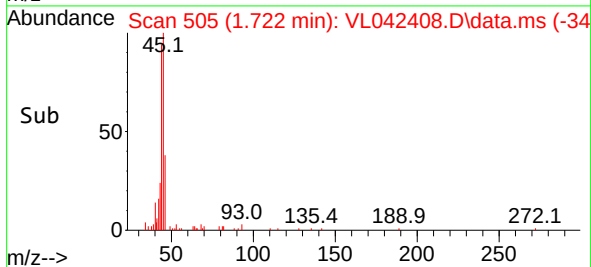
Reviewed By :Semsettin Yesilyurt 04/22/2025
 Supervised By :Mahesh Dadoda 04/22/2025

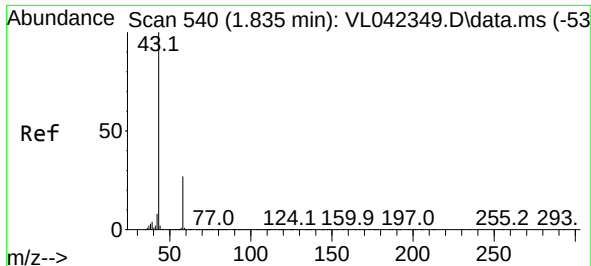


#13
 Ethanol
 Concen: 3.224 ppbv
 RT: 1.722 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: VL042408.D
 Acq: 21 Apr 2025 16:51



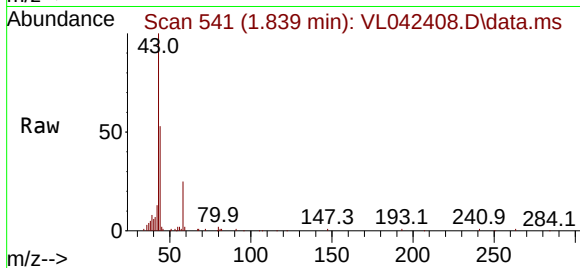
Tgt Ion: 45 Resp: 4803
 Ion Ratio Lower Upper
 45 100
 46 0.0 21.9 87.7#





#15
Acetone
Concen: 0.693 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042408.D
Acq: 21 Apr 2025 16:51

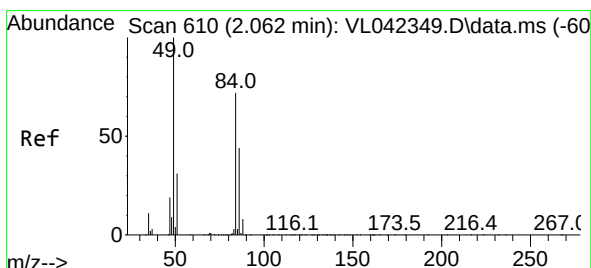
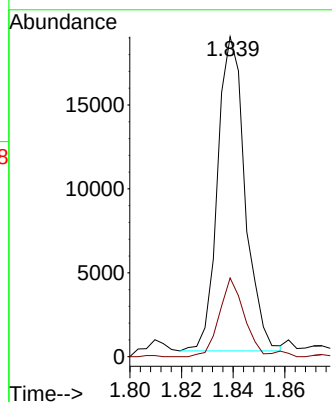
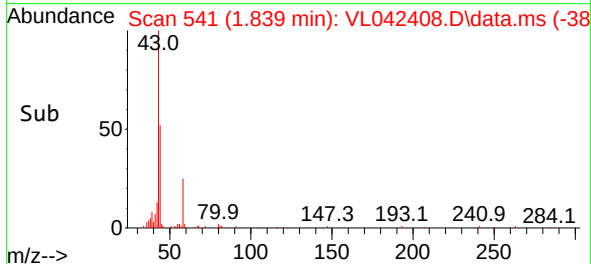
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



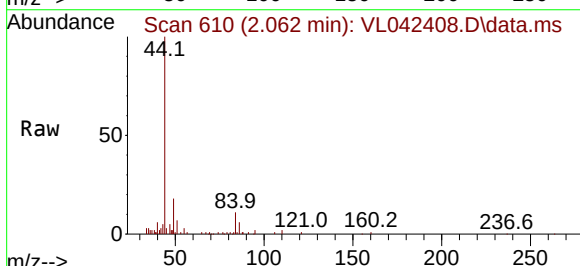
Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
58 0.0 22.4 33.6

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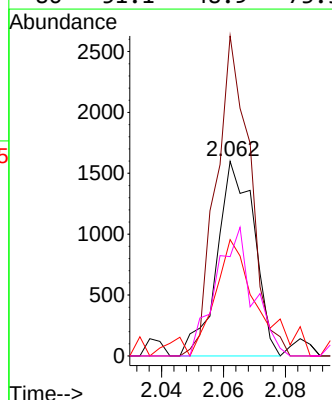
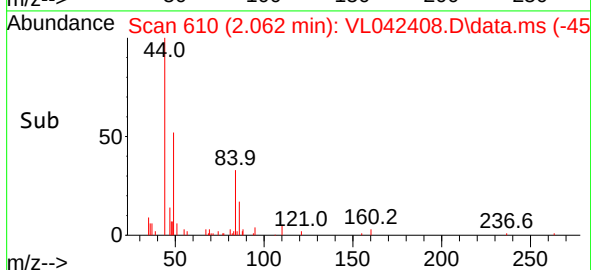
Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025

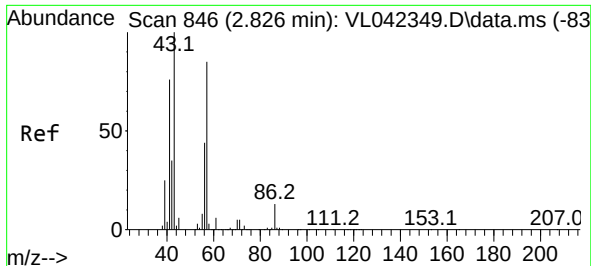


#20
Methylene Chloride
Concen: 0.170 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042408.D
Acq: 21 Apr 2025 16:51



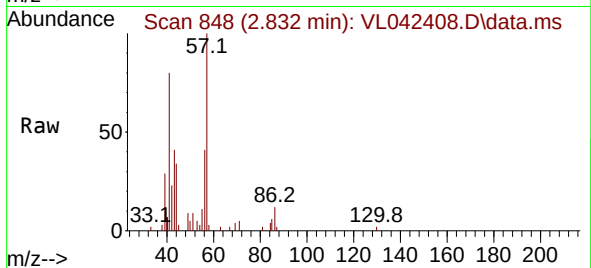
Tgt Ion: 84 Resp: 1332
Ion Ratio Lower Upper
84 100
49 164.5 111.6 167.4
51 50.2 35.1 52.7
86 51.1 48.9 73.3





#26
Hexane
Concen: 0.142 ppbv
RT: 2.832 min Scan# 846
Delta R.T. 0.007 min
Lab File: VL042408.D
Acq: 21 Apr 2025 16:51

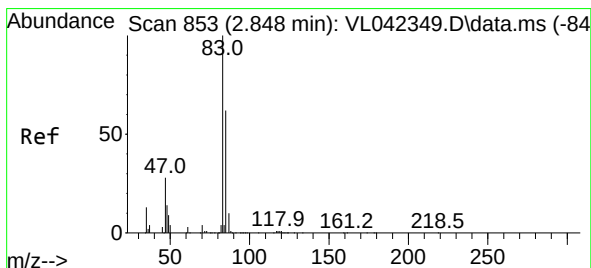
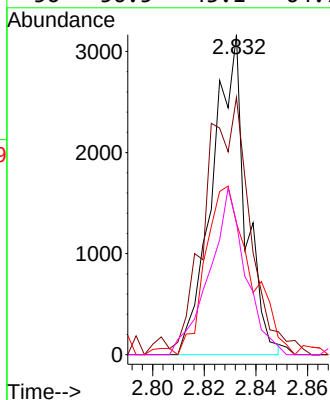
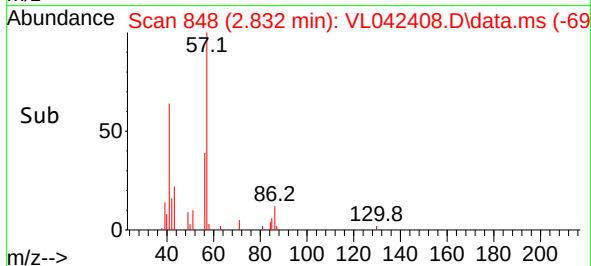
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 2830
Ion Ratio Lower Upper
57 100
41 115.5 77.9 116.9
43 73.6 208.4 312.6
56 56.5 43.1 64.7

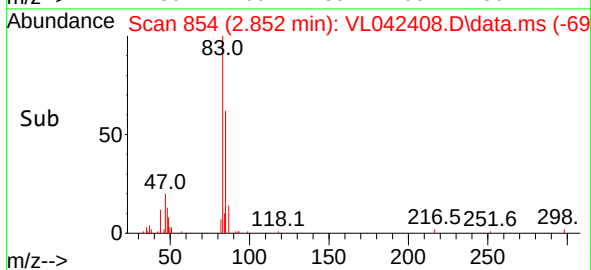
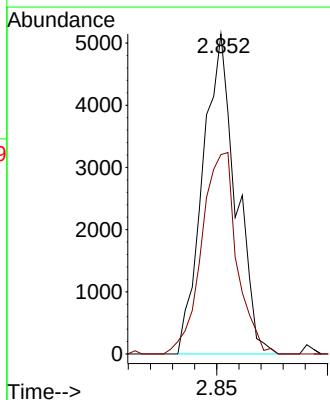
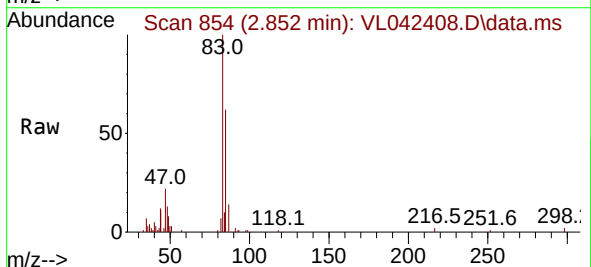
Manual Integrations
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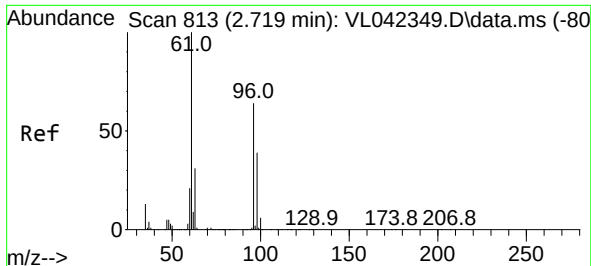
Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025



#29
Chloroform
Concen: 0.190 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.003 min
Lab File: VL042408.D
Acq: 21 Apr 2025 16:51

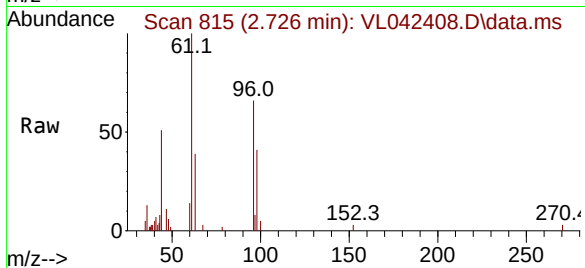
Tgt Ion: 83 Resp: 5357
Ion Ratio Lower Upper
83 100
85 62.3 50.0 75.0





#31
 cis-1,2-Dichloroethene
 Concen: 0.132 ppbv
 RT: 2.726 min Scan# 813
 Delta R.T. 0.007 min
 Lab File: VL042408.D
 Acq: 21 Apr 2025 16:51

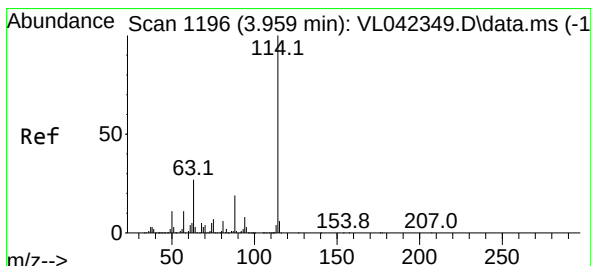
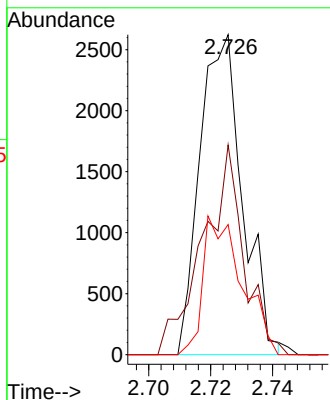
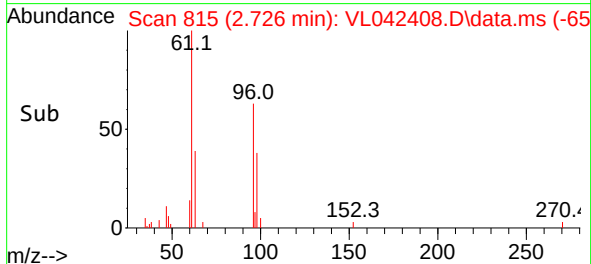
Instrument :
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 ClientSampleId :
 SV1DL



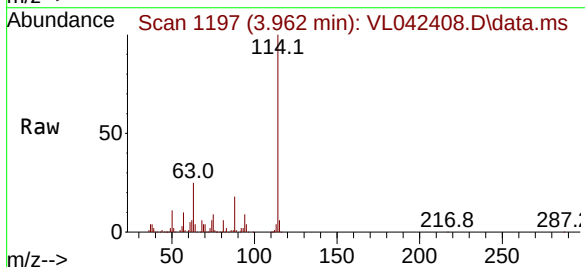
Tgt Ion: 61 Resp: 2510
 Ion Ratio Lower Upper
 61 100
 96 61.9 50.8 76.2
 98 40.6 30.9 46.3

Manual Integrations
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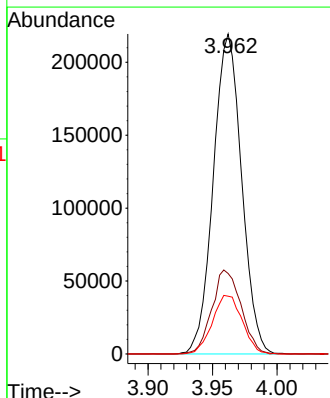
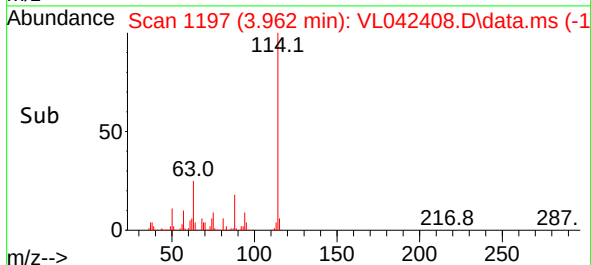
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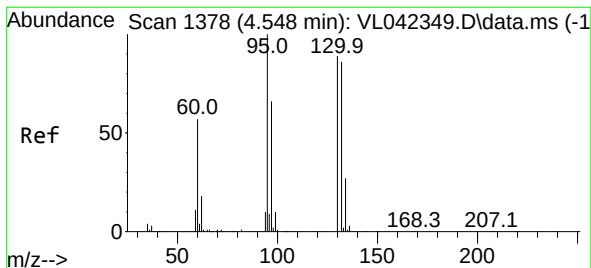


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.003 min
 Lab File: VL042408.D
 Acq: 21 Apr 2025 16:51



Tgt Ion:114 Resp: 334452
 Ion Ratio Lower Upper
 114 100
 63 27.0 21.8 32.6
 88 19.2 15.5 23.3





#38

Trichloroethene

Concen: 1.515 ppbv

RT: 4.551 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL042408.D

Acq: 21 Apr 2025 16:51

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

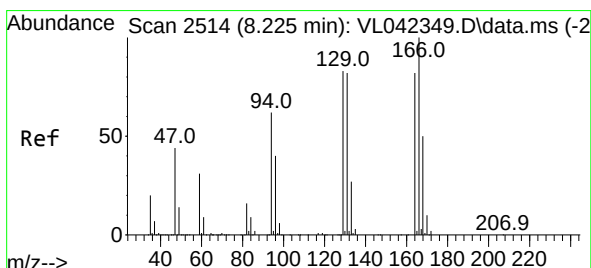
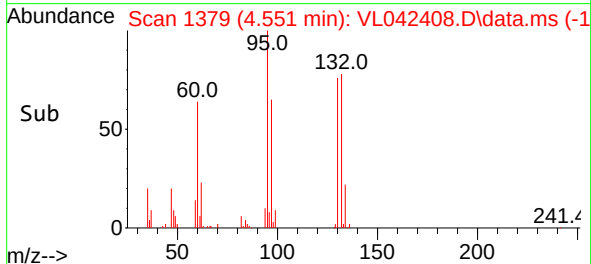
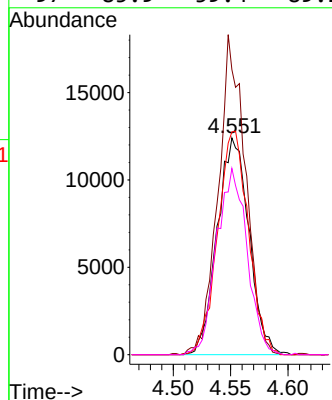
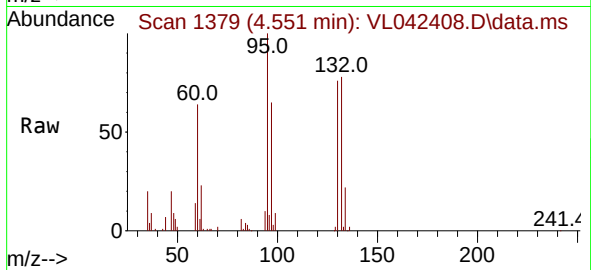
Tgt Ion:130 Resp: 23894

Ion	Ratio	Lower	Upper
130	100		
95	131.5	89.8	134.6
132	102.7	77.7	116.5
97	85.9	59.4	89.2

Manual Integrations

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Supervised By :Mahesh Dadoda 04/22/2025



#52

Tetrachloroethene

Concen: 80.897 ppbv

RT: 8.234 min Scan# 2517

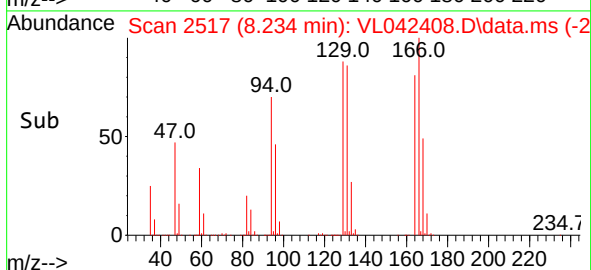
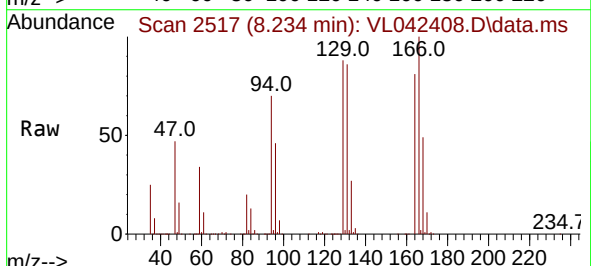
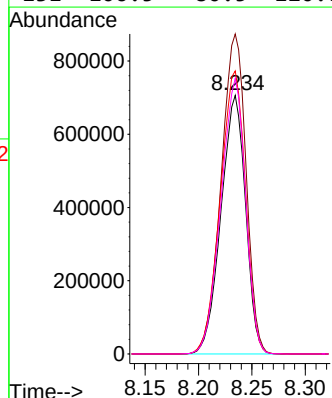
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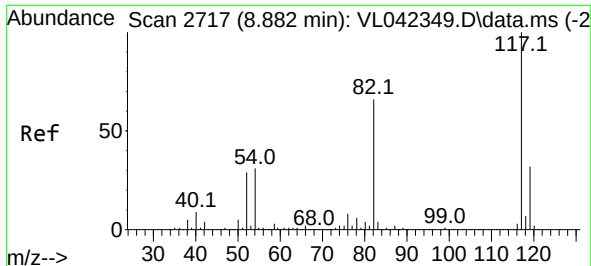
Lab File: VL042408.D

Acq: 21 Apr 2025 16:51

Tgt Ion:164 Resp: 1127974

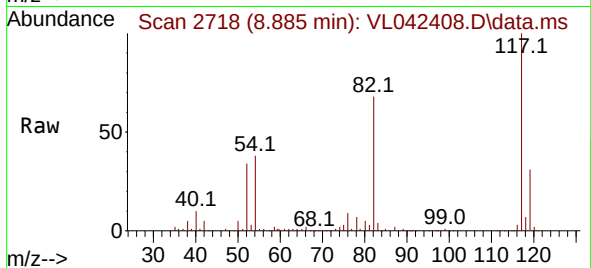
Ion	Ratio	Lower	Upper
164	100		
166	123.7	98.2	147.2
129	109.4	81.8	122.8
131	106.5	80.5	120.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2178
Delta R.T. 0.003 min
Lab File: VL042408.D
Acq: 21 Apr 2025 16:51

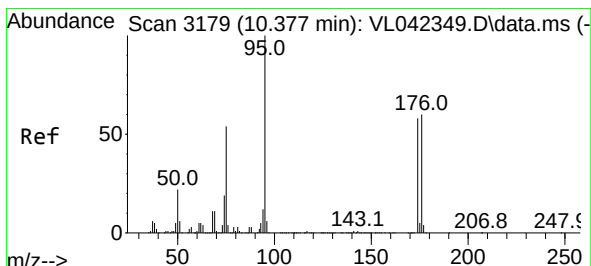
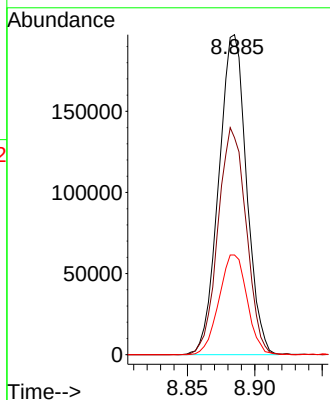
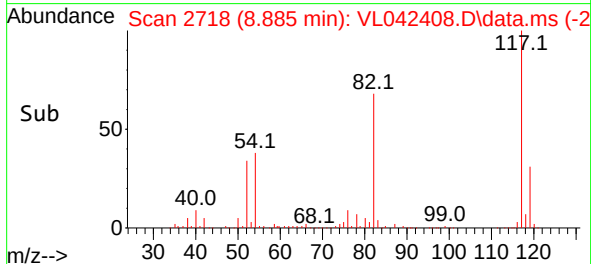
Instrument :
MSVOA_L
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SV1DL



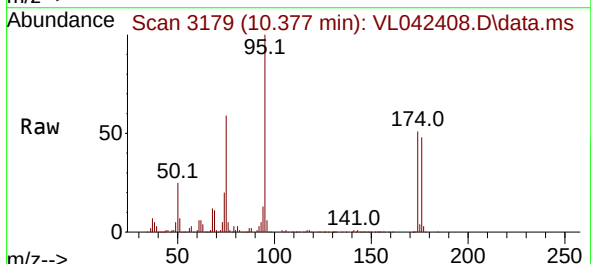
Tgt Ion: 117 Resp: 28254
Ion Ratio Lower Upper
117 100
82 72.1 57.8 86.6
119 31.7 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.666 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042408.D
Acq: 21 Apr 2025 16:51



Tgt Ion: 95 Resp: 247631
Ion Ratio Lower Upper
95 100
174 51.8 48.5 72.7
175 3.9 3.7 5.5

