

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041264.D
 Acq On : 21 May 2024 14:13
 Operator : SY/MD
 Sample : P2533-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024

Quant Time: May 22 05:44:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed May 22 05:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1097146	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2849093	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2636265	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2082348	10.463	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.600%
Target Compounds						
					Qvalue	
9) Propene	2.722	41	118800m	1.822	ppbv	
10) Heptane	7.581	43	122888	0.778	ppbv	94
15) Acetone	3.500	43	167881	1.297	ppbv #	76
20) Methylene Chloride	3.941	84	31963	0.710	ppbv	94
25) Ethyl Acetate	5.221	43	154489	0.598	ppbv #	77
26) Hexane	5.217	57	215727	1.870	ppbv #	40
34) 2-Butanone	4.812	43	69857	0.482	ppbv	97
52) Tetrachloroethene	10.619	164	94548	1.125	ppbv	96
53) Toluene	9.227	91	21416m	0.077	ppbv	
74) 1,2,4-Trimethylbenzene	16.114	105	37753m	0.118	ppbv	

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

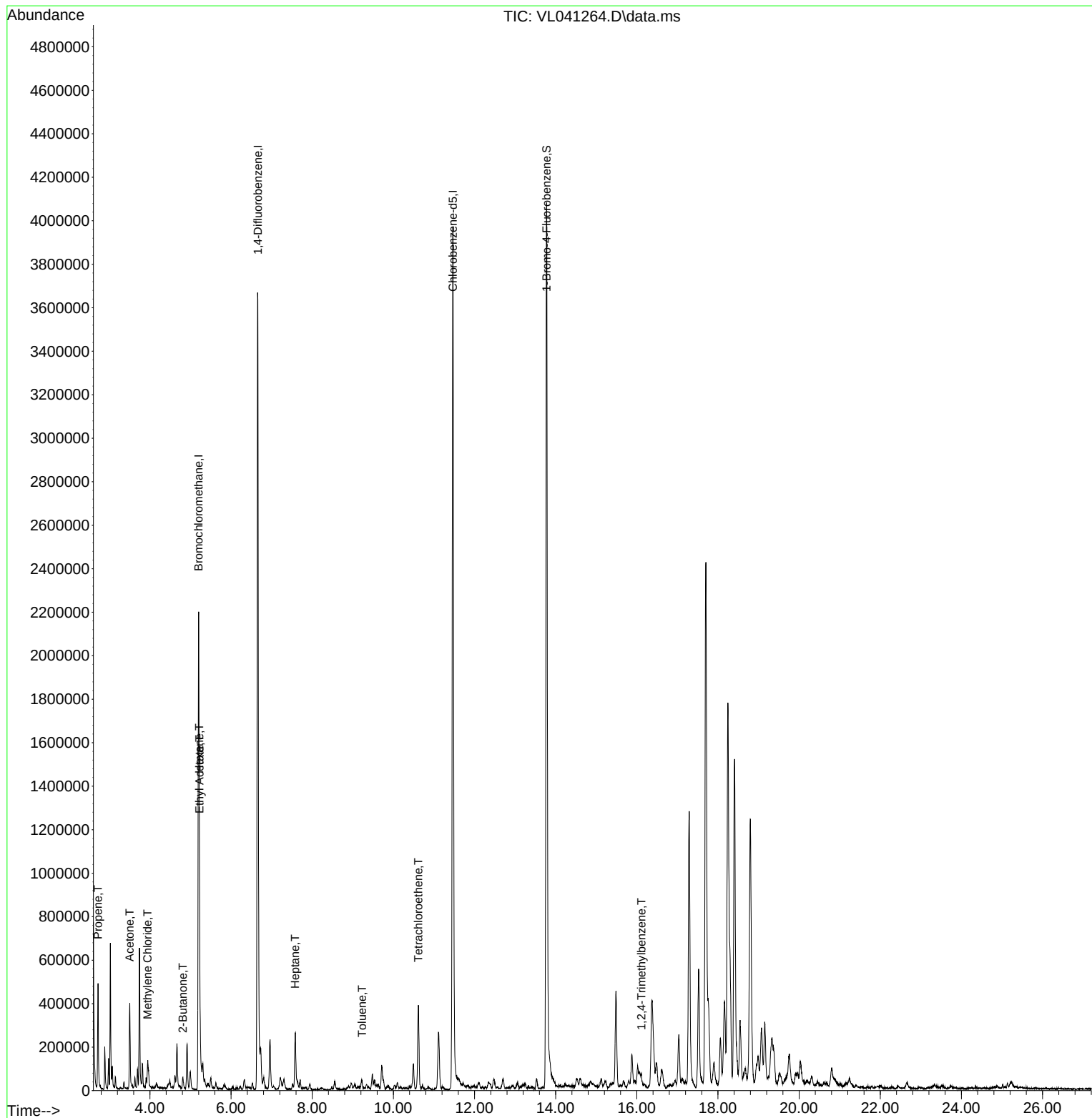
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
Data File : VL041264.D
Acq On : 21 May 2024 14:13
Operator : SY/MD
Sample : P2533-01DL 20X
Misc : 400mL/MSVOA_L
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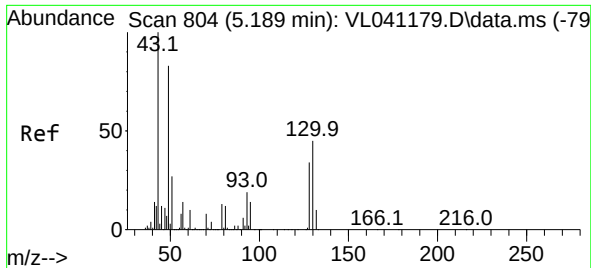
Instrument :
MSVOA_L
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SV1DL

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Supervised By : Mahesh Dadoda 05/22/2024

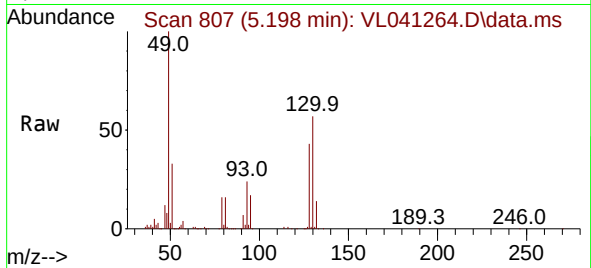
Quant Time: May 22 05:44:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed May 22 05:39:49 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

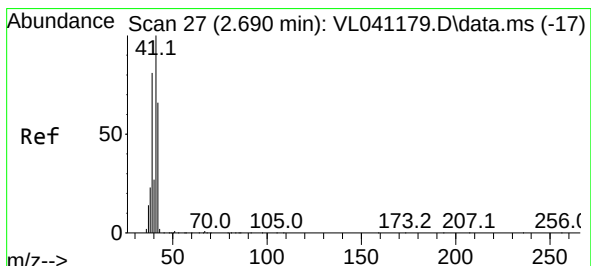
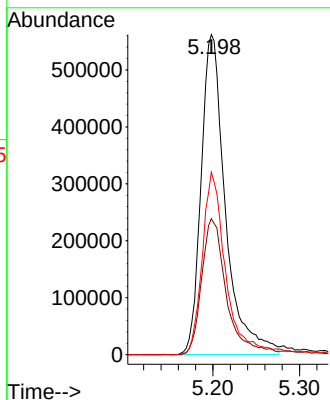
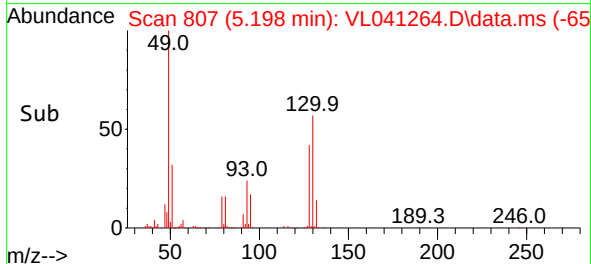
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 1097140
Ion Ratio Lower Upper
49 100
128 45.4 21.5 64.5
130 56.5 27.2 81.6

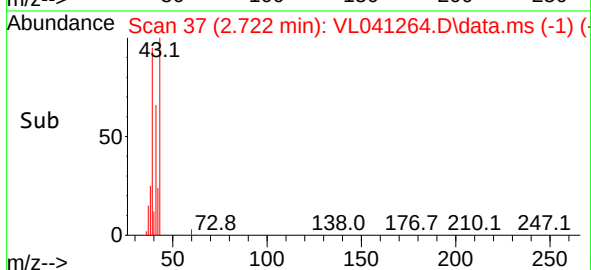
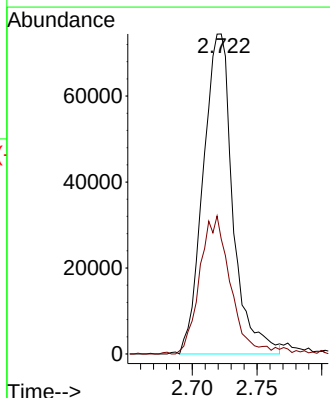
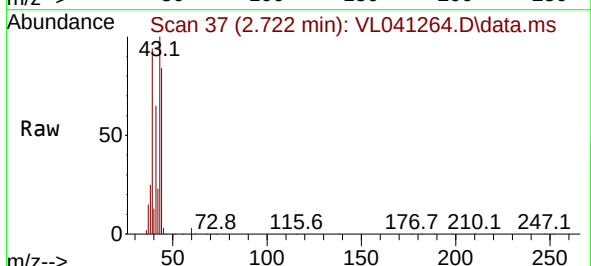
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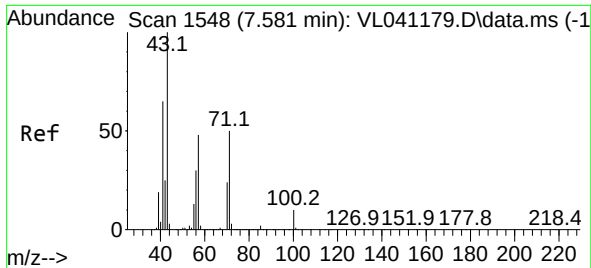
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#9
Propene
Concen: 1.822 ppbv m
RT: 2.722 min Scan# 37
Delta R.T. 0.009 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

Tgt Ion: 41 Resp: 118800
Ion Ratio Lower Upper
41 100
42 31.2 55.3 82.9#





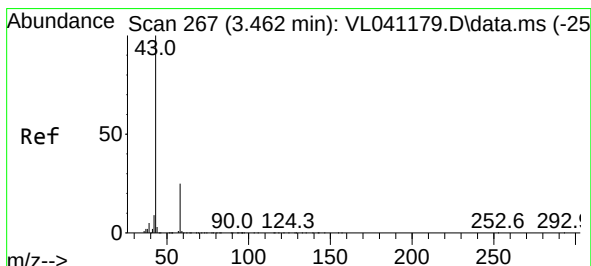
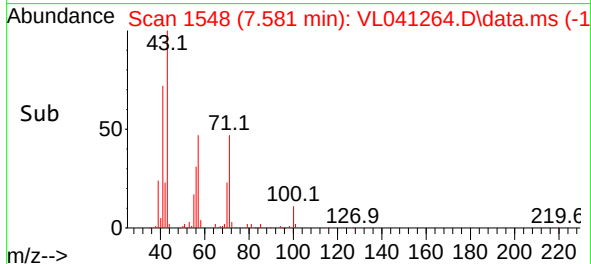
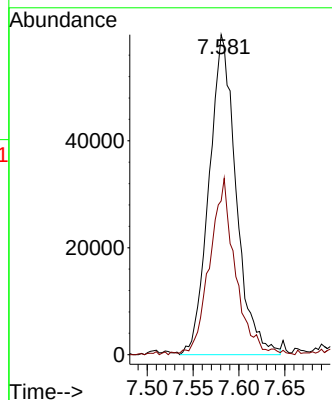
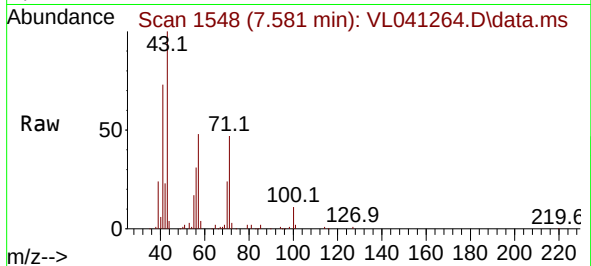
#10
Heptane
Concen: 0.778 ppbv
RT: 7.581 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 12288
Ion Ratio Lower Upper
43 100
57 52.4 38.7 58.1

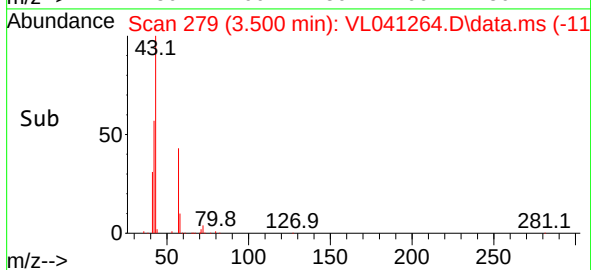
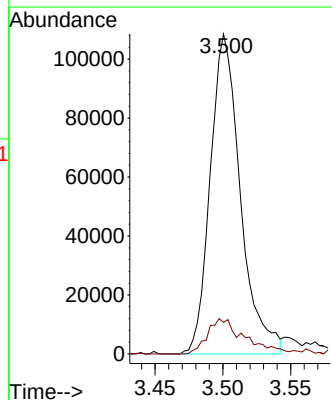
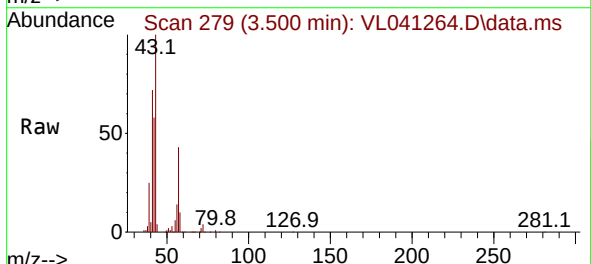
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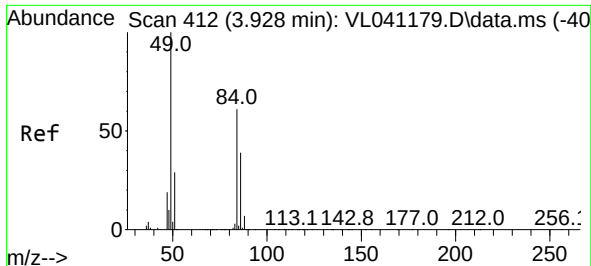
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#15
Acetone
Concen: 1.297 ppbv
RT: 3.500 min Scan# 279
Delta R.T. 0.019 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

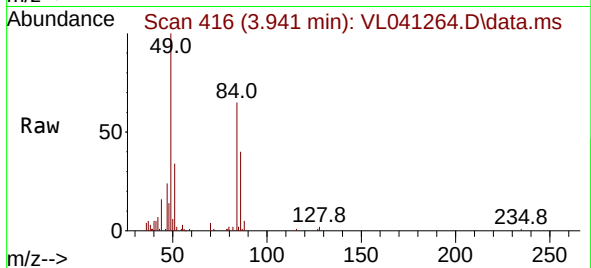
Tgt Ion: 43 Resp: 167881
Ion Ratio Lower Upper
43 100
58 14.2 21.4 32.0#





#20
Methylene Chloride
Concen: 0.710 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.003 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

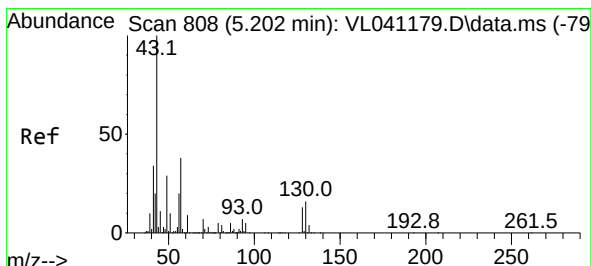
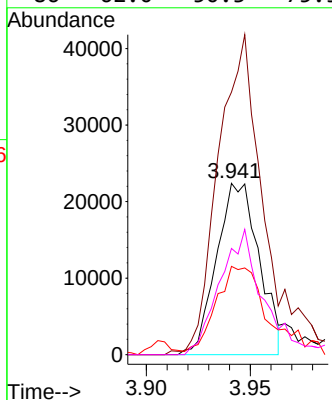
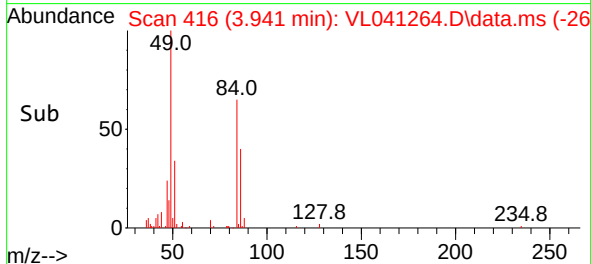
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:	84	Resp:	3196
Ion	Ratio	Lower	Upper
84	100		
49	151.2	130.4	195.6
51	47.4	38.0	57.0
86	62.0	50.3	75.5

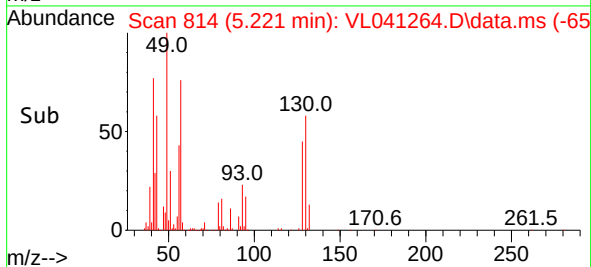
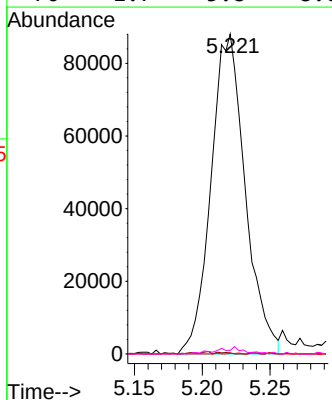
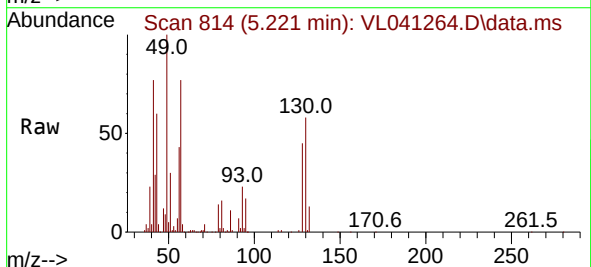
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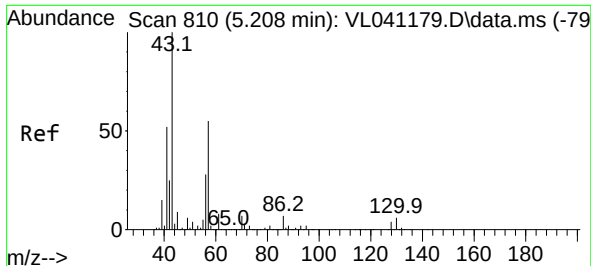
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#25
Ethyl Acetate
Concen: 0.598 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.009 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

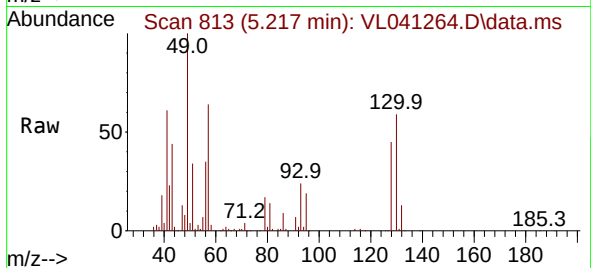
Tgt Ion:	43	Resp:	154489
Ion	Ratio	Lower	Upper
43	100		
45	0.5	8.2	12.2#
61	0.1	7.7	11.5#
70	1.7	5.8	8.6#





#26
Hexane
Concen: 1.870 ppbv
RT: 5.217 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

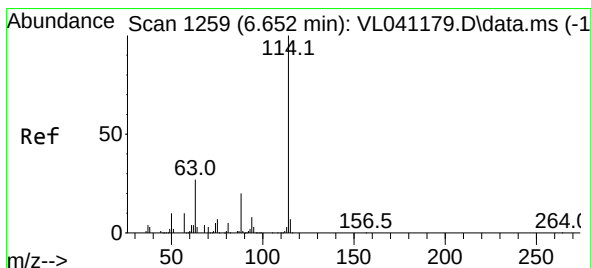
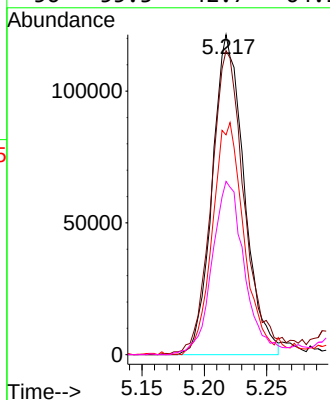
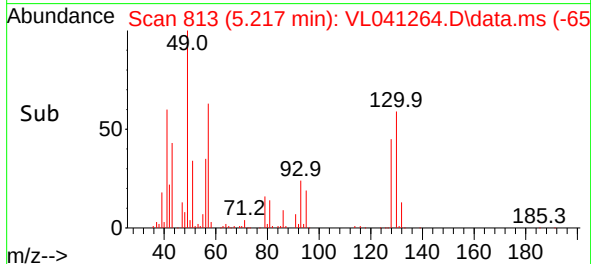
Instrument :
MSVOA_L
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SV1DL



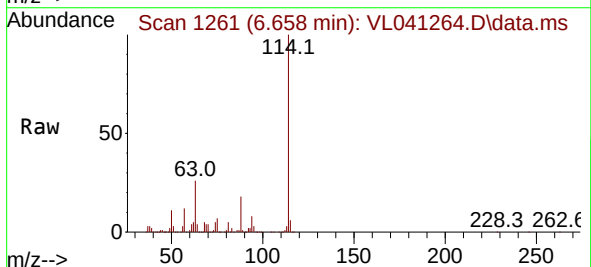
Tgt Ion: 57 Resp: 21572
Ion Ratio Lower Upper
57 100
41 99.6 75.8 113.8
43 74.0 187.0 280.4
56 55.3 42.7 64.1

Manual Integrations
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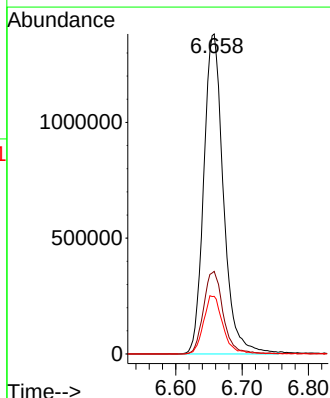
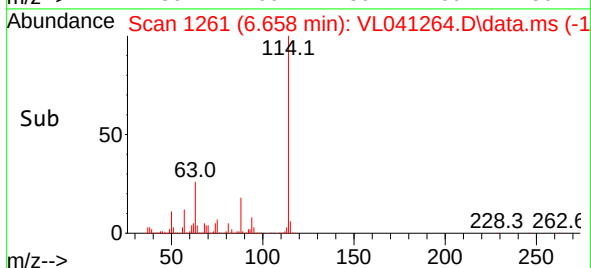
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024

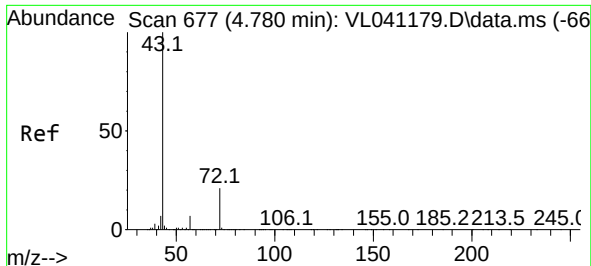


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13



Tgt Ion:114 Resp: 2849093
Ion Ratio Lower Upper
114 100
63 25.9 21.8 32.6
88 18.0 15.2 22.8





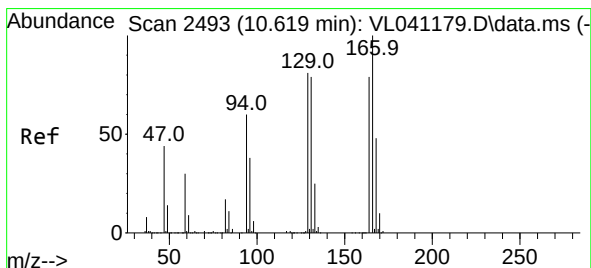
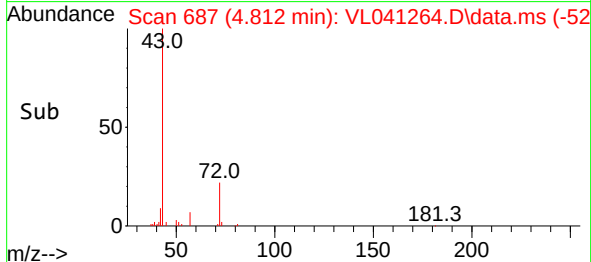
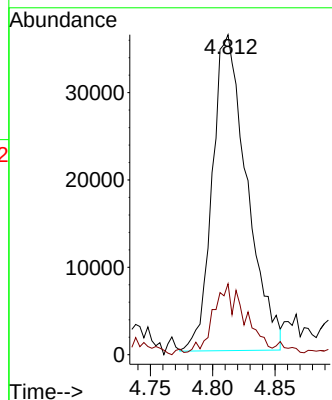
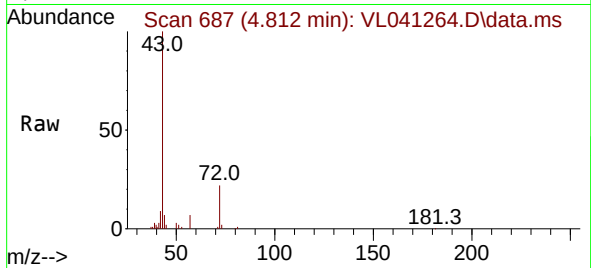
#34
2-Butanone
Concen: 0.482 ppbv
RT: 4.812 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 6985
Ion Ratio Lower Upper
43 100
72 23.2 17.3 25.9

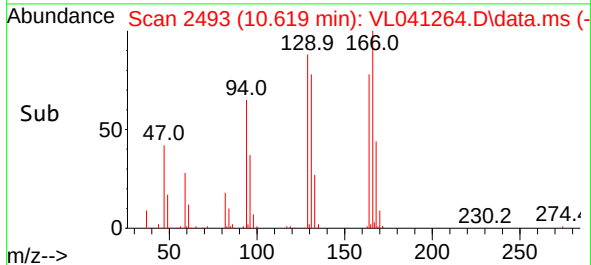
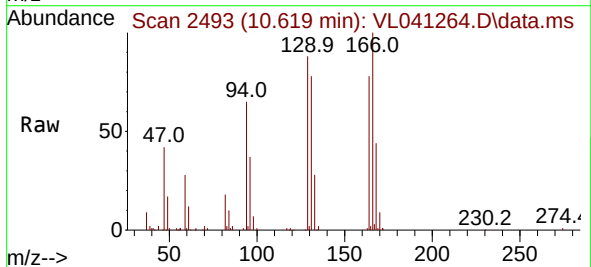
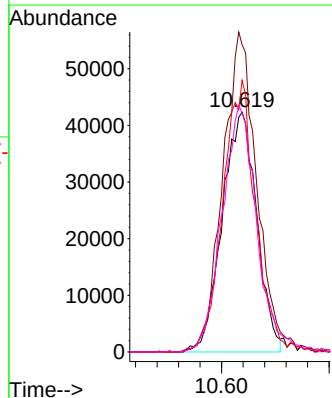
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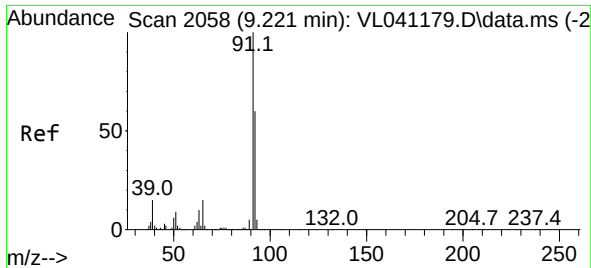
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#52
Tetrachloroethene
Concen: 1.125 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.003 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

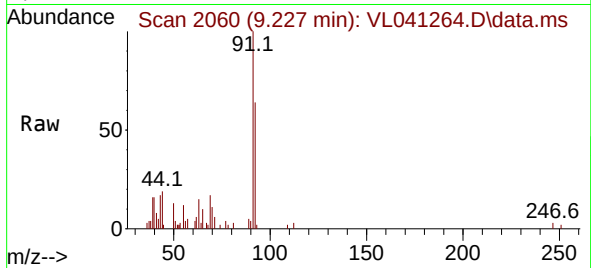
Tgt Ion:164 Resp: 94548
Ion Ratio Lower Upper
164 100
166 128.1 101.1 151.7
129 113.3 81.7 122.5
131 99.6 80.4 120.6





#53
Toluene
Concen: 0.077 ppbv m
RT: 9.227 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

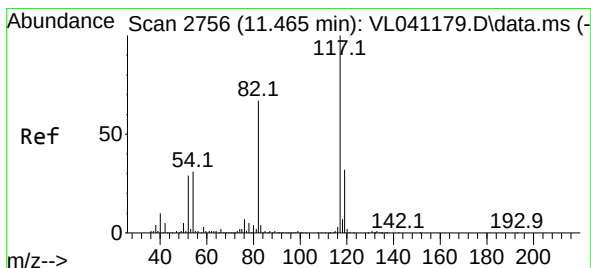
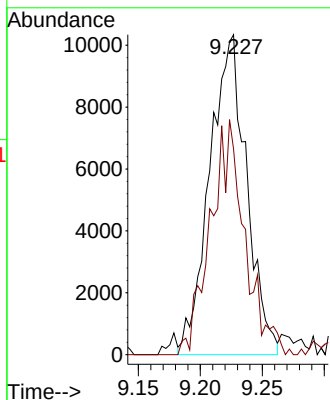
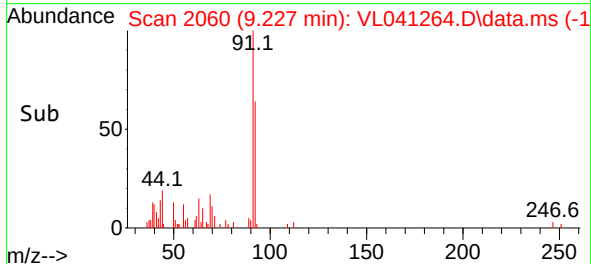
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



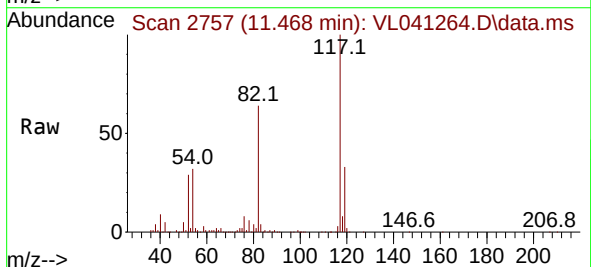
Tgt Ion: 91 Resp: 21410
Ion Ratio Lower Upper
91 100
92 68.0 48.2 72.4

Manual Integrations
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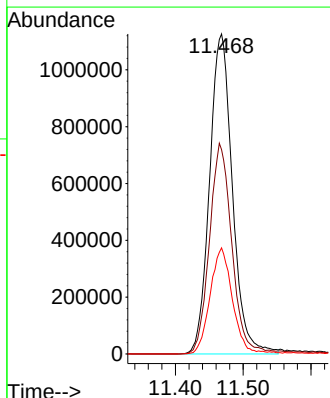
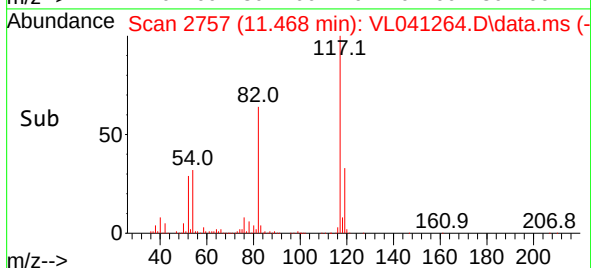
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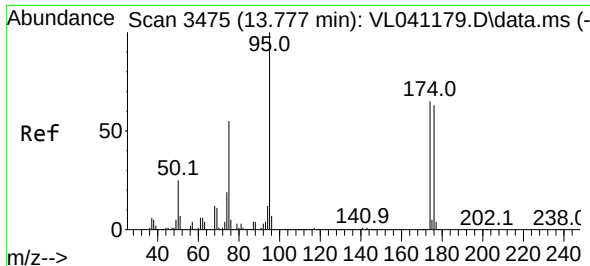


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13



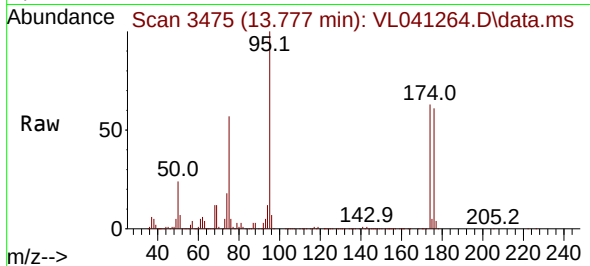
Tgt Ion:117 Resp: 2636265
Ion Ratio Lower Upper
117 100
82 65.9 53.6 80.4
119 33.2 27.2 40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.463 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13

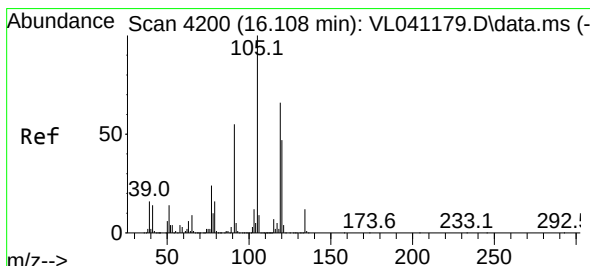
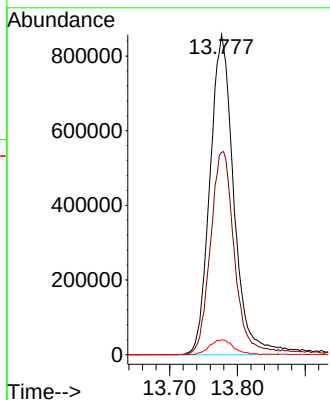
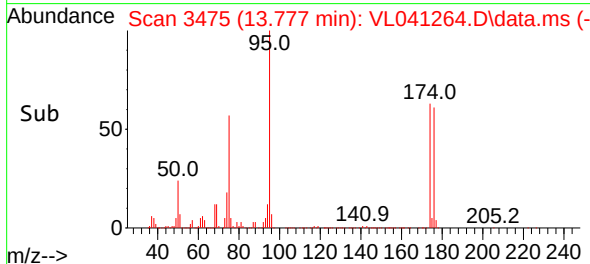
Instrument :
MSVOA_L
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SV1DL



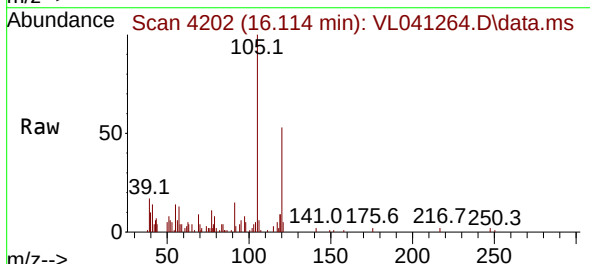
Tgt Ion: 95 Resp: 208234
Ion Ratio Lower Upper
95 100
174 66.4 53.6 80.4
175 5.0 4.2 6.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.118 ppbv m
RT: 16.114 min Scan# 4202
Delta R.T. 0.009 min
Lab File: VL041264.D
Acq: 21 May 2024 14:13



Tgt Ion:105 Resp: 37753
Ion Ratio Lower Upper
105 100
120 53.3 37.8 56.6
91 14.7 44.3 66.5#
77 10.7 19.0 28.4#

