

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040977.D
 Acq On : 15 Jan 2024 19:31
 Operator : SY/MD
 Sample : P1138-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 12:44:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 16 03:31:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1319011	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3530751	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	3095505	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2232274	9.790	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
9) Propene	2.719	41	24895	0.380	ppbv	86
10) Heptane	7.571	43	591159	3.631	ppbv	100
15) Acetone	3.491	43	209990m	1.327	ppbv	
20) Methylene Chloride	3.954	84	36750	0.652	ppbv	81
25) Ethyl Acetate	5.218	43	71876m	0.262	ppbv	
26) Hexane	5.218	57	95246	0.784	ppbv #	41
34) 2-Butanone	4.800	43	413664	2.215	ppbv	99
38) Trichloroethene	7.285	130	17182	0.166	ppbv	90
53) Toluene	9.208	91	38691m	0.126	ppbv	
60) o-Xylene	13.037	91	22087m	0.069	ppbv	
74) 1,2,4-Trimethylbenzene	16.085	105	43770m	0.130	ppbv	

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

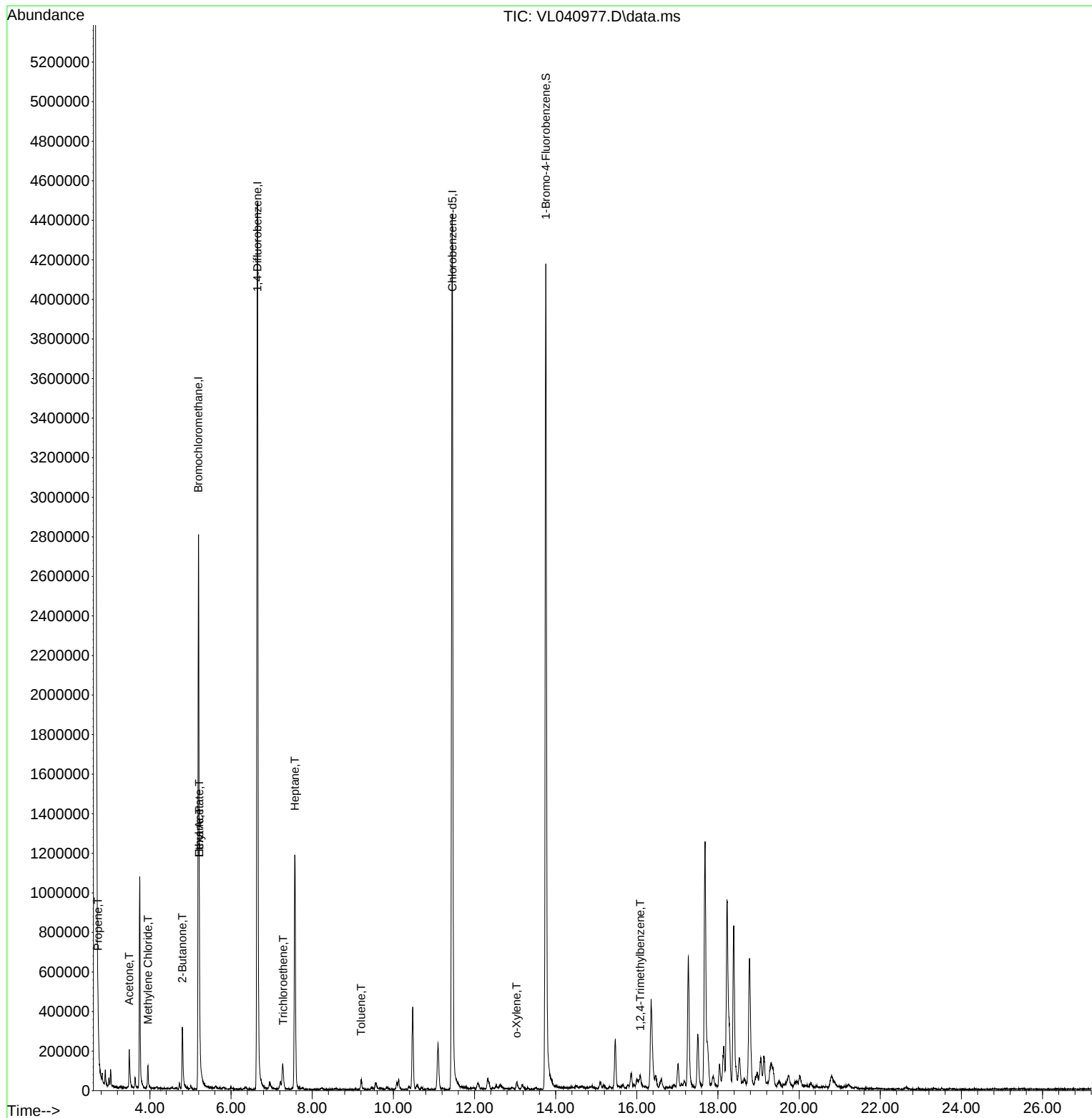
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
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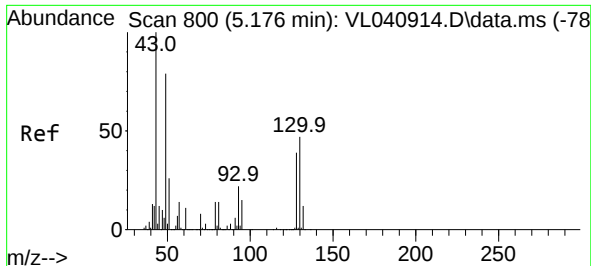
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Quant Time: Jan 16 12:44:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 16 03:31:29 2024
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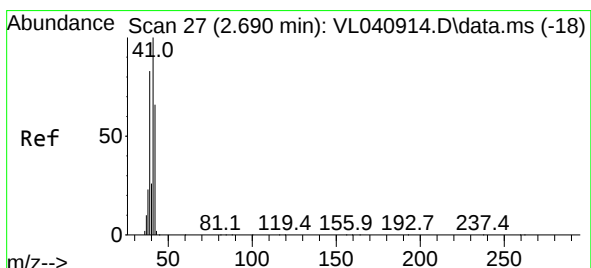
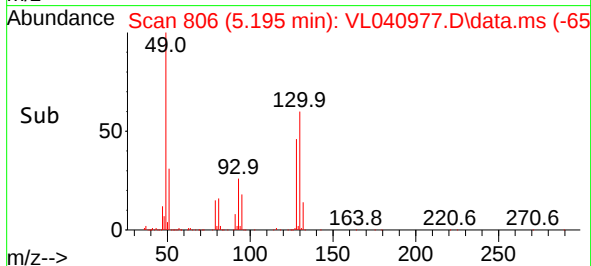
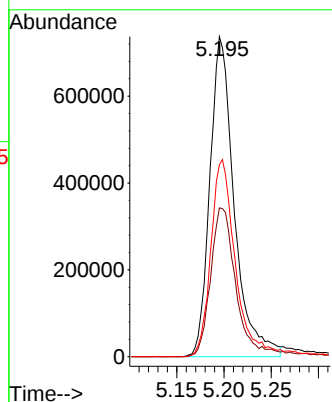
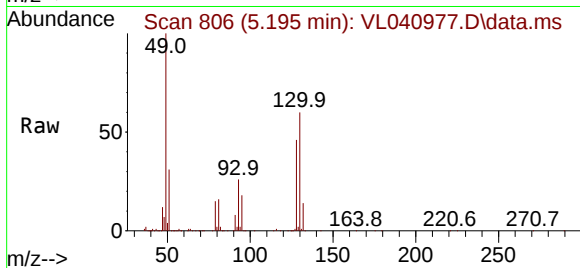
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 49 Resp: 131901
Ion Ratio Lower Upper
49 100
128 50.6 23.8 71.2
130 64.9 30.1 90.5

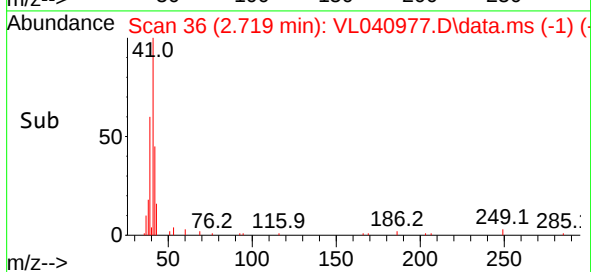
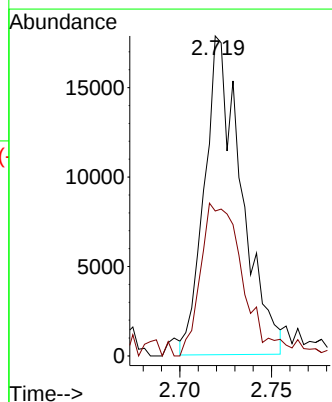
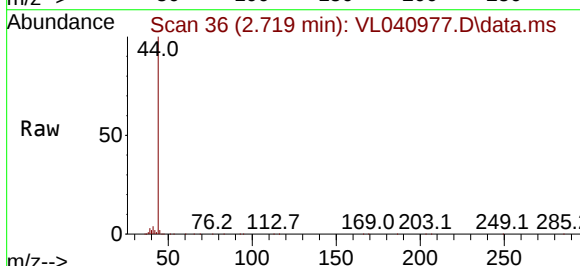
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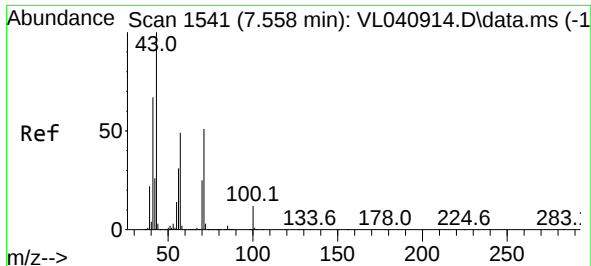
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#9
Propene
Concen: 0.380 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.016 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

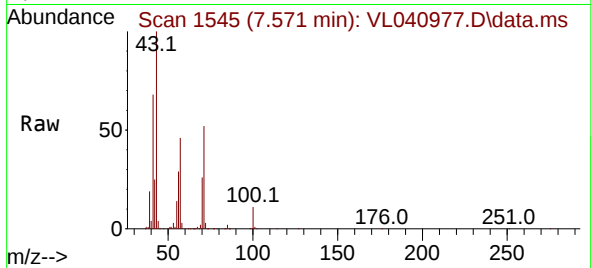
Tgt Ion: 41 Resp: 24895
Ion Ratio Lower Upper
41 100
42 58.4 55.8 83.6





#10
Heptane
Concen: 3.631 ppbv
RT: 7.571 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

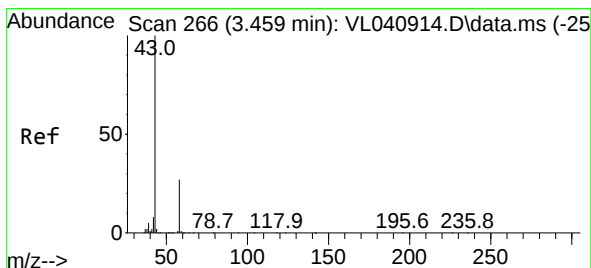
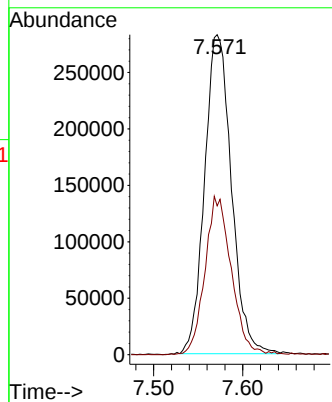
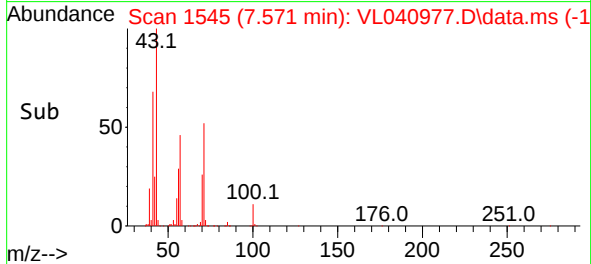
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 43 Resp: 591159
Ion Ratio Lower Upper
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57 49.3 39.3 58.9

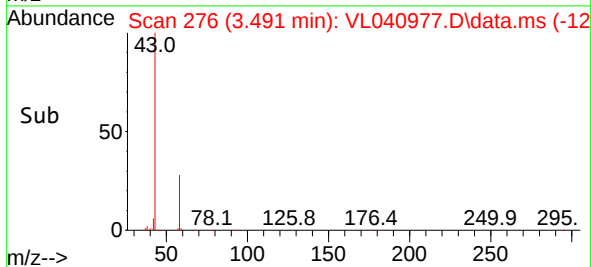
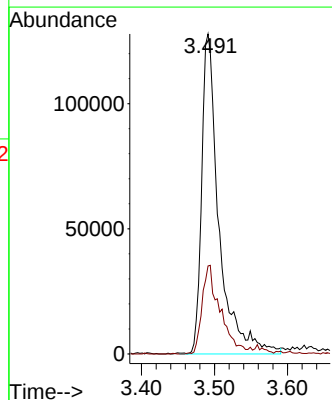
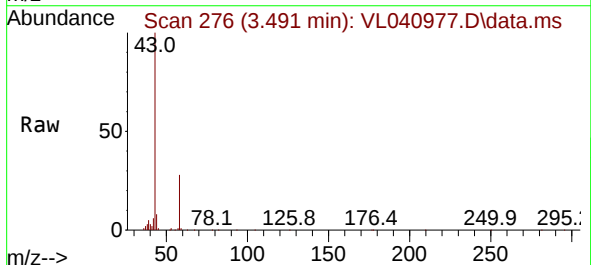
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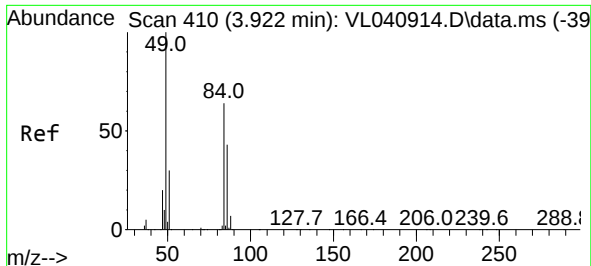
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#15
Acetone
Concen: 1.327 ppbv m
RT: 3.491 min Scan# 276
Delta R.T. -0.003 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

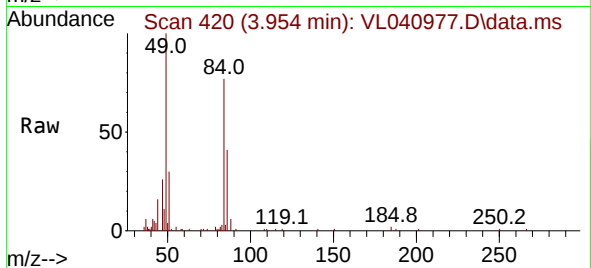
Tgt Ion: 43 Resp: 209990
Ion Ratio Lower Upper
43 100
58 31.8 20.6 30.8#





#20
Methylene Chloride
Concen: 0.652 ppbv
RT: 3.954 min Scan# 410
Delta R.T. 0.003 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

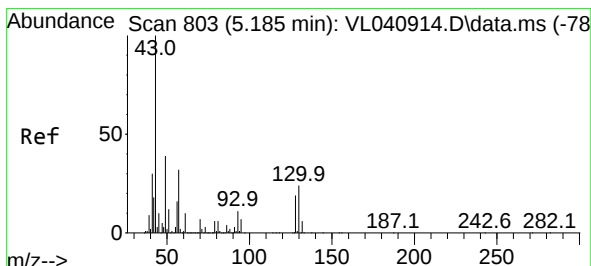
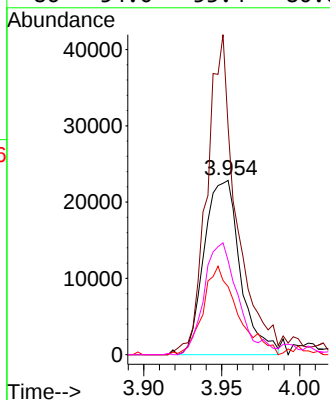
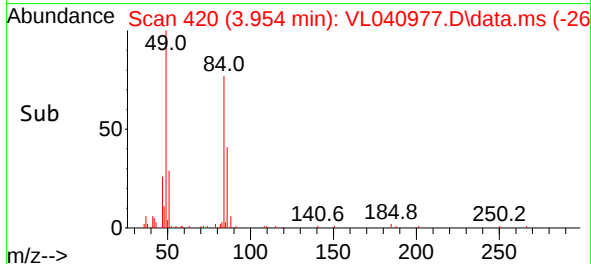
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 84 Resp: 36750
Ion Ratio Lower Upper
84 100
49 126.9 124.6 187.0
51 39.1 37.2 55.8
86 54.0 53.4 80.0

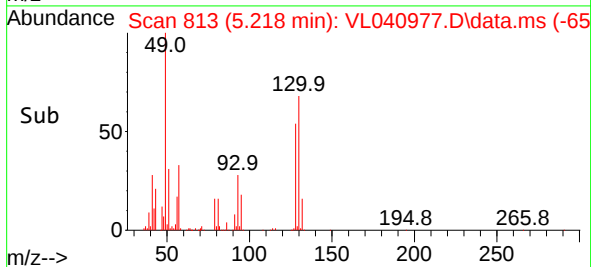
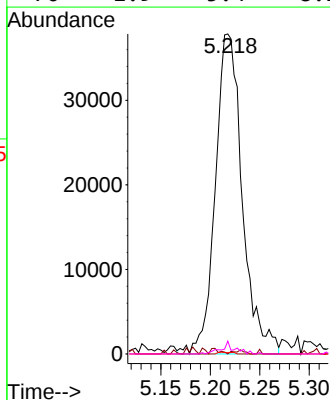
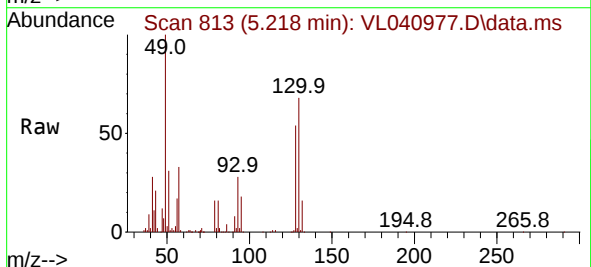
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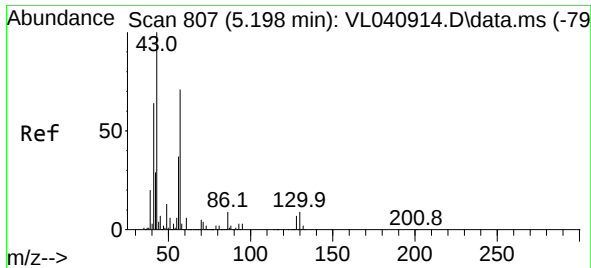
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#25
Ethyl Acetate
Concen: 0.262 ppbv m
RT: 5.218 min Scan# 813
Delta R.T. 0.013 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

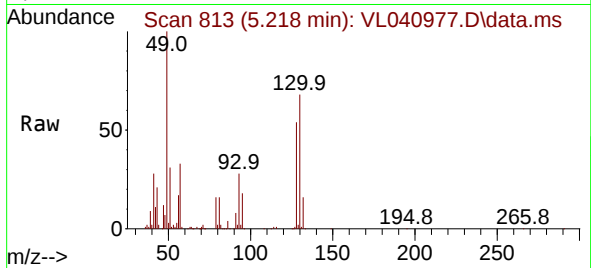
Tgt Ion: 43 Resp: 71876
Ion Ratio Lower Upper
43 100
45 1.0 8.2 12.2#
61 0.3 7.6 11.4#
70 1.9 5.4 8.2#





#26
Hexane
Concen: 0.784 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.003 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

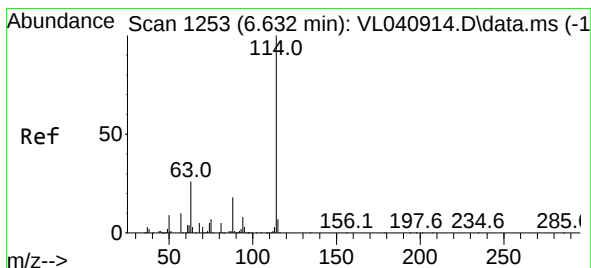
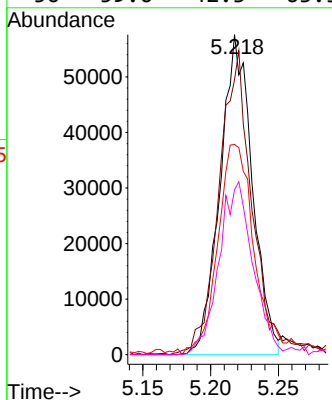
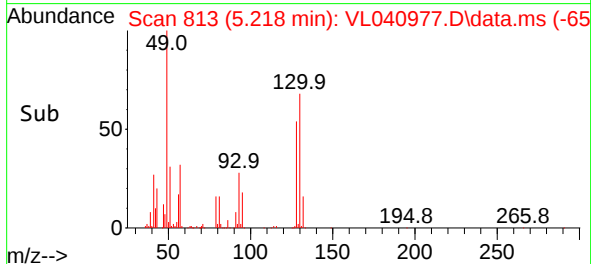
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



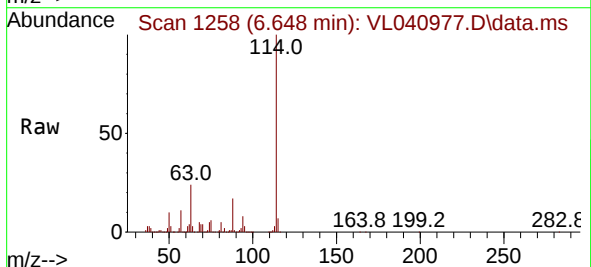
Tgt Ion: 57 Resp: 95240
Ion Ratio Lower Upper
57 100
41 101.1 75.2 112.8
43 82.0 188.0 282.0
56 59.6 42.3 63.5

Manual Integrations
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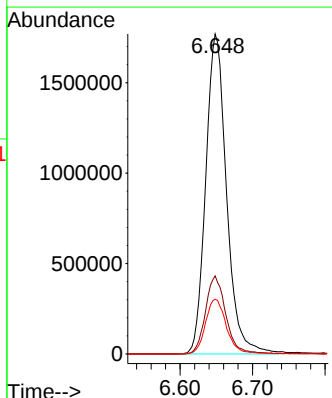
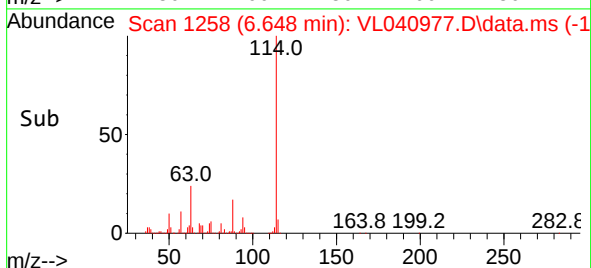
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Supervised By :Mahesh Dadoda 01/16/2024

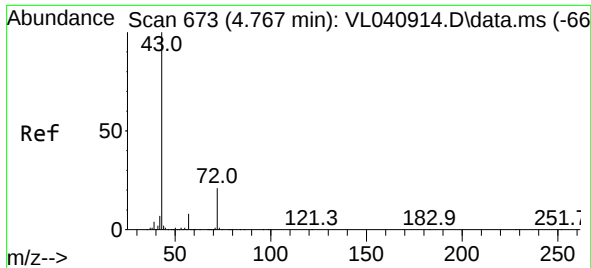


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31



Tgt Ion:114 Resp: 3530751
Ion Ratio Lower Upper
114 100
63 24.1 21.0 31.6
88 17.4 14.3 21.5





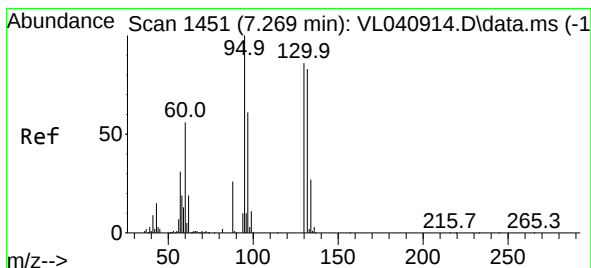
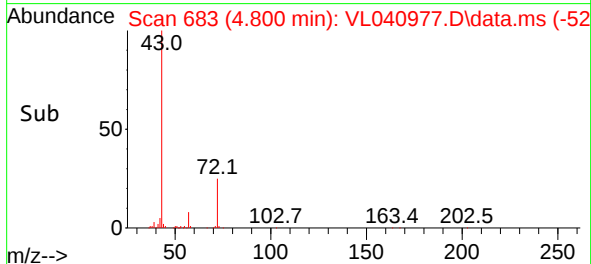
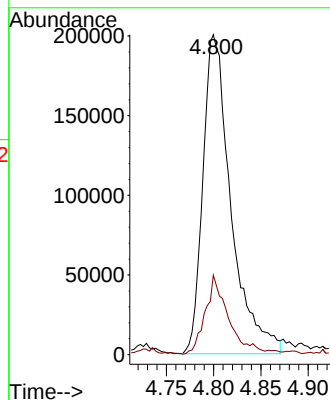
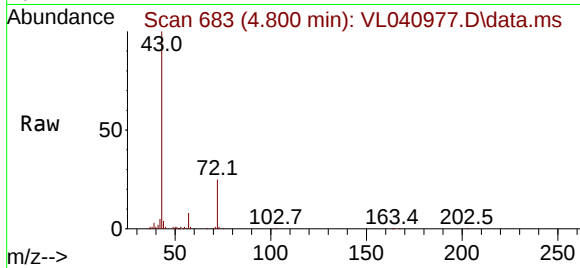
#34
2-Butanone
Concen: 2.215 ppbv
RT: 4.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 43 Resp: 413664
Ion Ratio Lower Upper
43 100
72 20.9 17.2 25.8

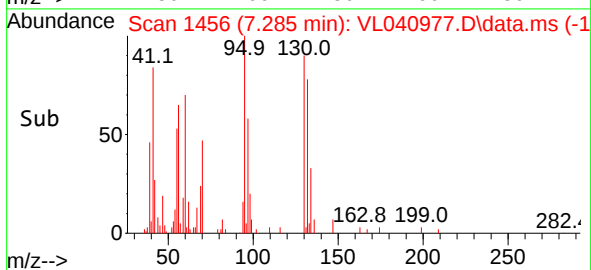
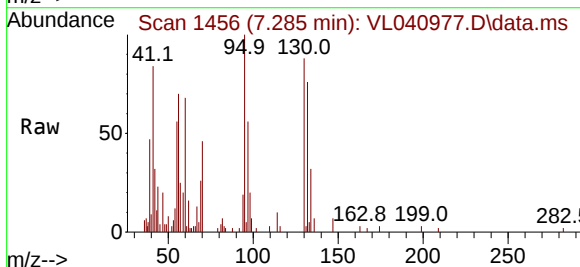
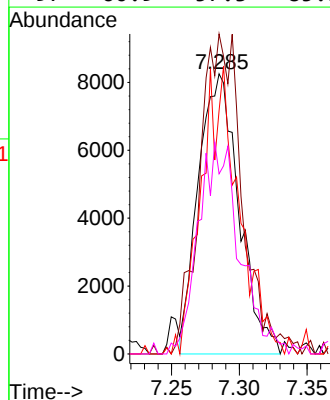
Manual Integrations
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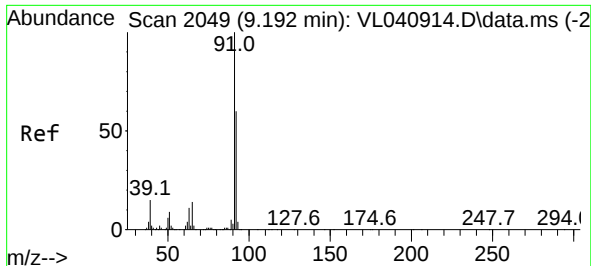
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#38
Trichloroethene
Concen: 0.166 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

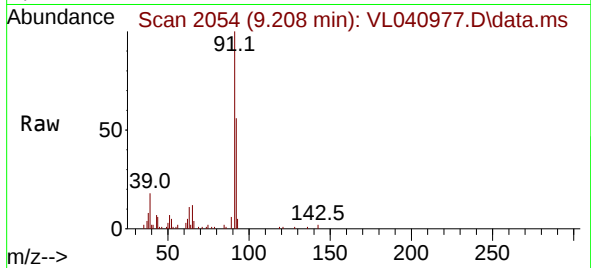
Tgt Ion:130 Resp: 17182
Ion Ratio Lower Upper
130 100
95 107.1 93.5 140.3
132 86.9 77.4 116.2
97 60.9 57.3 85.9





#53
Toluene
Concen: 0.126 ppbv m
RT: 9.208 min Scan# 2049
Delta R.T. 0.013 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

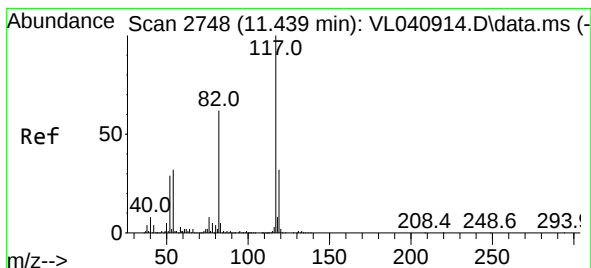
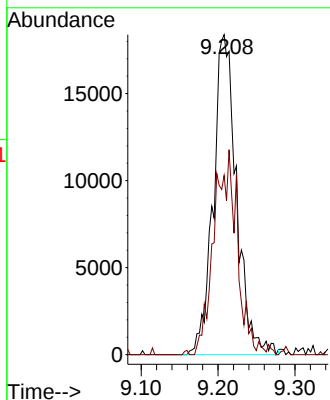
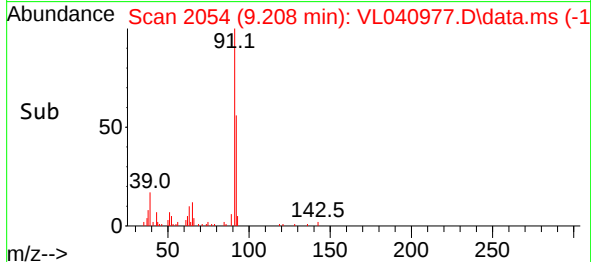
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



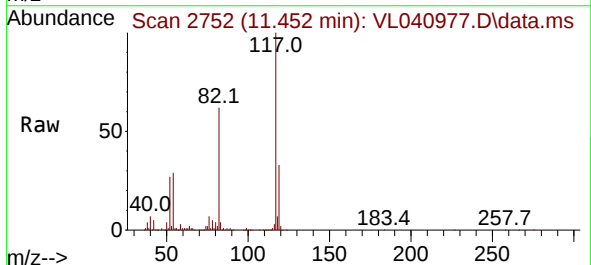
Tgt Ion: 91 Resp: 3869
Ion Ratio Lower Upper
91 100
92 65.5 49.2 73.8

Manual Integrations
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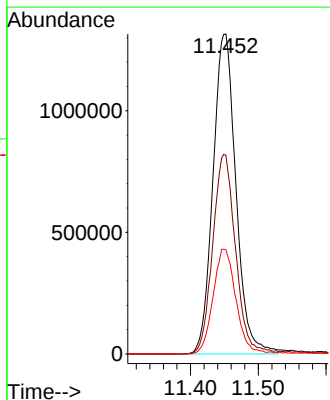
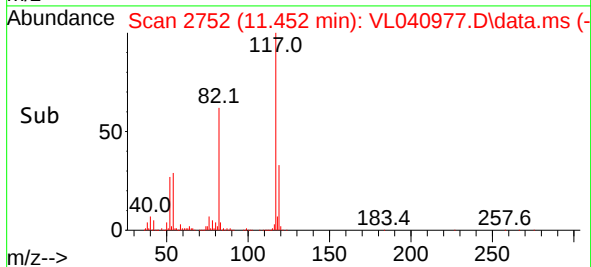
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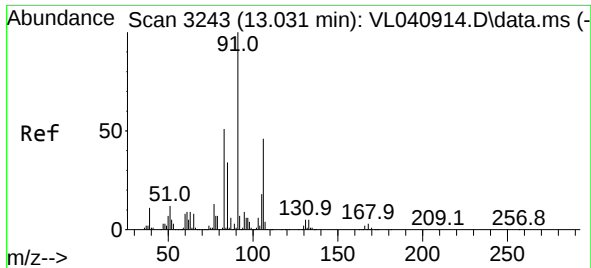


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.016 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31



Tgt Ion:117 Resp: 3095505
Ion Ratio Lower Upper
117 100
82 63.5 49.6 74.4
119 33.3 23.4 35.0





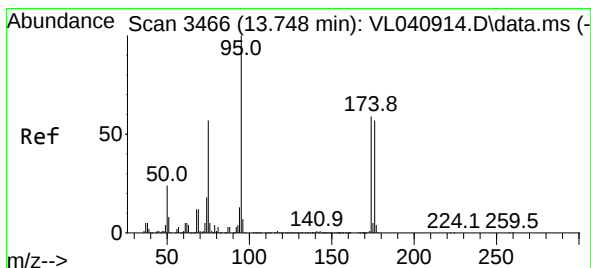
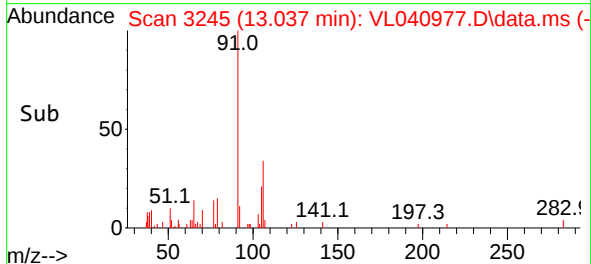
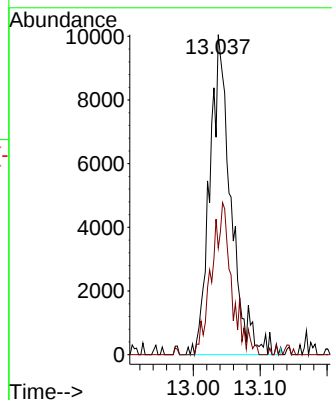
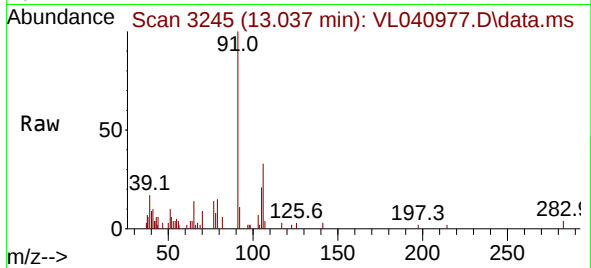
#60
o-Xylene
Concen: 0.069 ppbv m
RT: 13.037 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 91 Resp: 2208
Ion Ratio Lower Upper
91 100
106 45.1 22.6 67.7

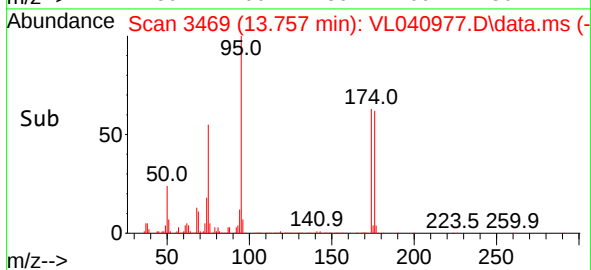
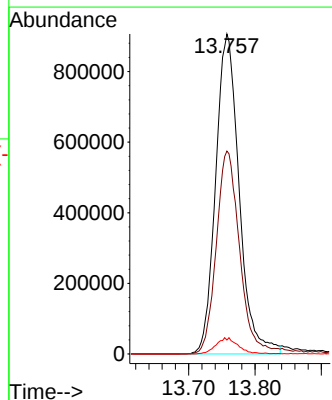
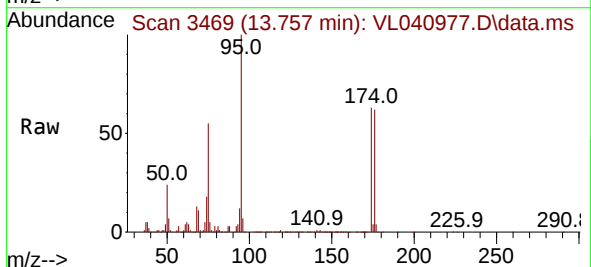
Manual Integrations
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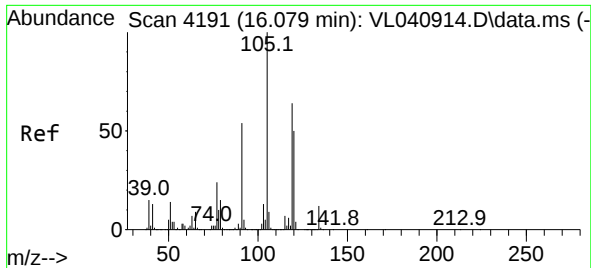
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 9.790 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.019 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

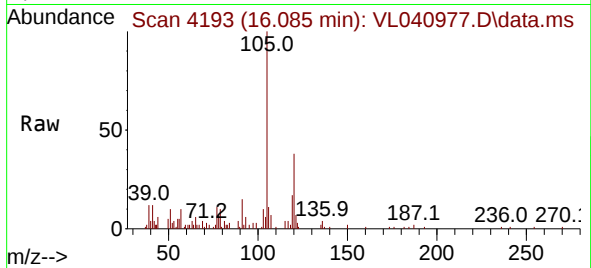
Tgt Ion: 95 Resp: 2232274
Ion Ratio Lower Upper
95 100
174 64.6 48.0 72.0
175 4.9 3.7 5.5





#74
1,2,4-Trimethylbenzene
Concen: 0.130 ppbv m
RT: 16.085 min Scan# 4193
Delta R.T. 0.013 min
Lab File: VL040977.D
Acq: 15 Jan 2024 19:31

Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion:	105	Resp:	43770
Ion	Ratio	Lower	Upper
105	100		
120	38.1	40.2	60.4
91	15.4	43.0	64.6
77	10.9	18.9	28.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

