

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041147.D
 Acq On : 8 Apr 2024 12:43
 Operator : SY/MD
 Sample : P1953-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024

Quant Time: Apr 09 01:12:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Apr 09 01:10:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.182	49	1296419	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3399603	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3072051	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2423194	9.809	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
9) Propene	2.693	41	13055m	0.206	ppbv	
13) Ethanol	3.243	45	72293	4.785	ppbv	89
15) Acetone	3.465	43	351458	2.504	ppbv #	76
20) Methylene Chloride	3.925	84	92513	1.598	ppbv	98
34) 2-Butanone	4.780	43	955540	6.642	ppbv	99
51) 2-Hexanone	9.552	43	145596	0.829	ppbv #	94
52) Tetrachloroethene	10.600	164	7191m	0.090	ppbv	
53) Toluene	9.208	91	45427m	0.173	ppbv	
59) m/p-Xylene	12.336	91	43333m	0.143	ppbv	
74) 1,2,4-Trimethylbenzene	16.092	105	38838m	0.120	ppbv	

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

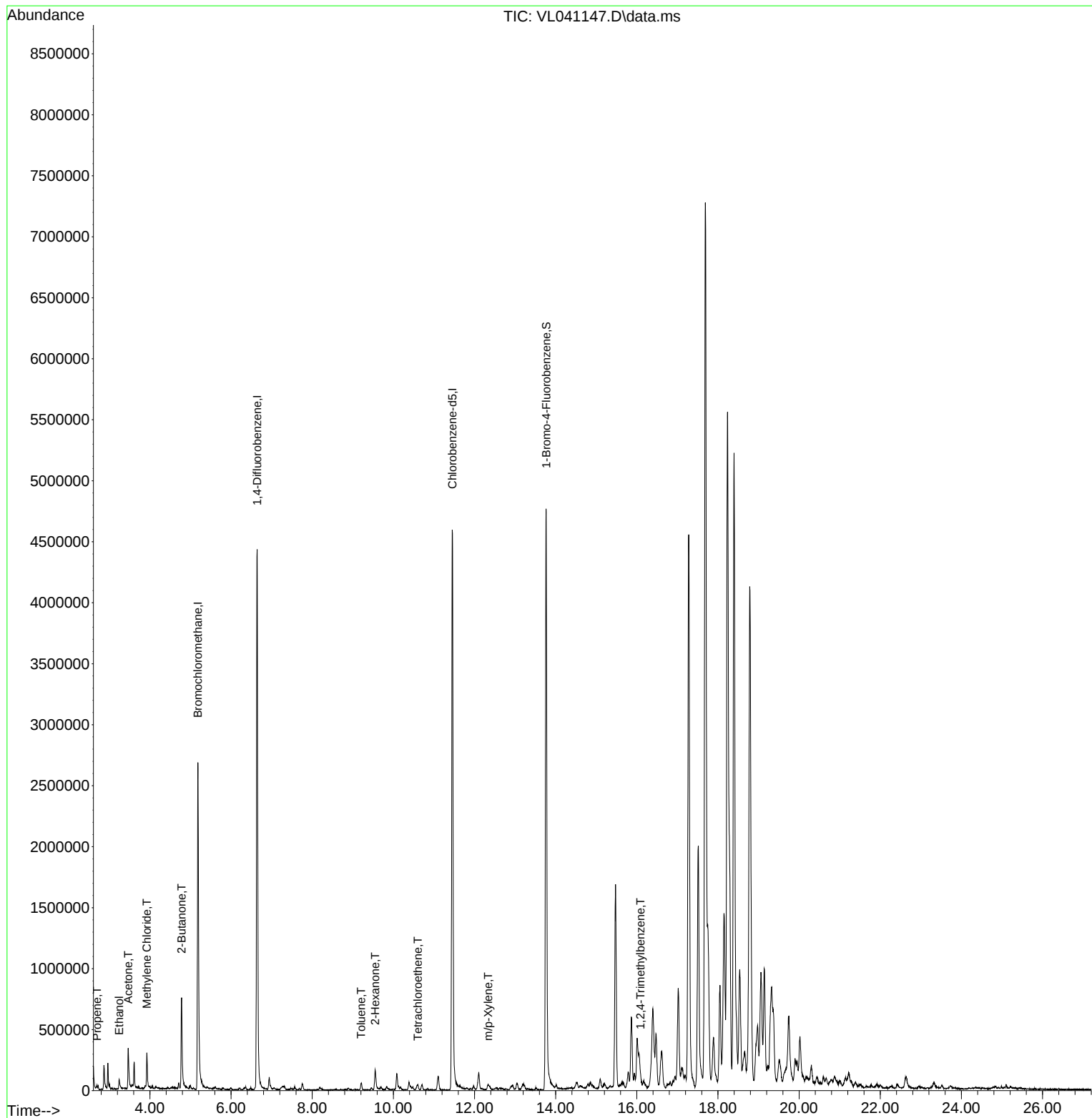
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
Data File : VL041147.D
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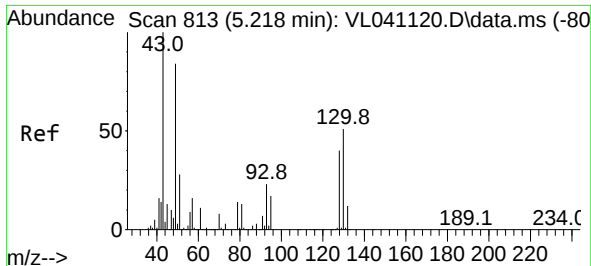
Instrument :
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Quant Time: Apr 09 01:12:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
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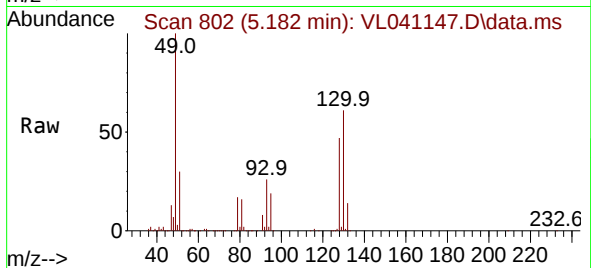
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

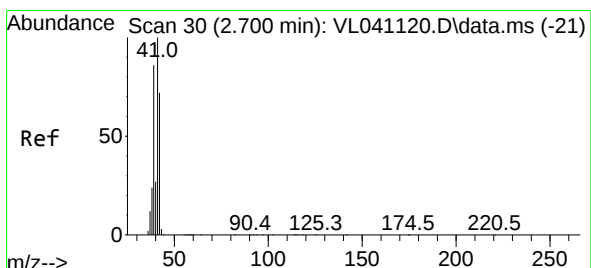
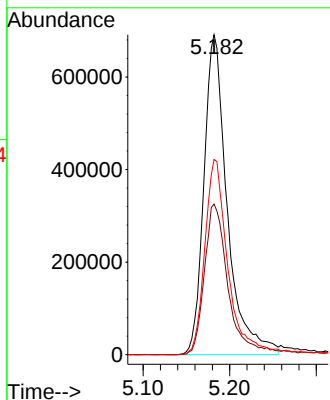
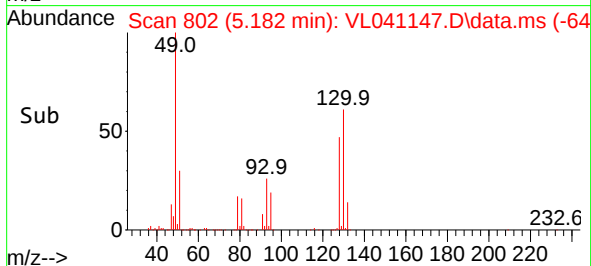
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 49 Resp: 1296419
Ion Ratio Lower Upper
49 100
128 49.4 23.6 71.0
130 62.1 30.1 90.5

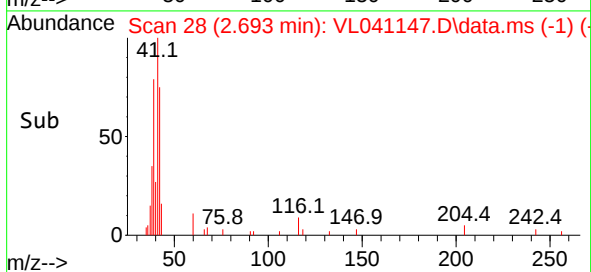
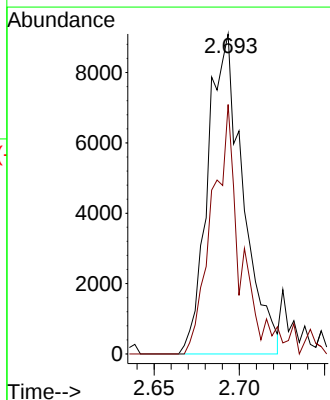
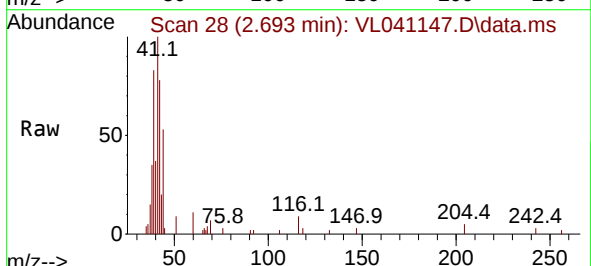
Manual Integrations
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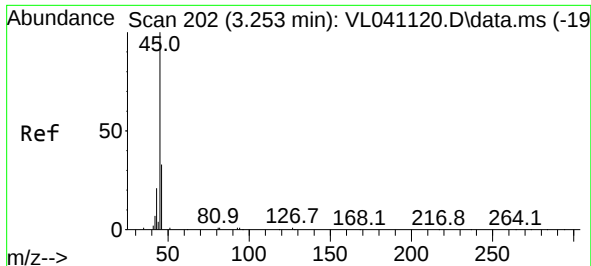
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#9
Propene
Concen: 0.206 ppbv m
RT: 2.693 min Scan# 28
Delta R.T. 0.013 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

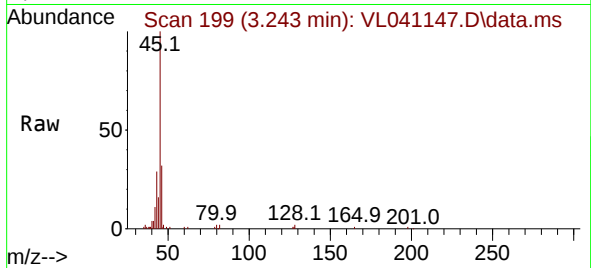
Tgt Ion: 41 Resp: 13055
Ion Ratio Lower Upper
41 100
42 0.0 60.1 90.1#





#13
Ethanol
Concen: 4.785 ppbv
RT: 3.243 min Scan# 199
Delta R.T. 0.013 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

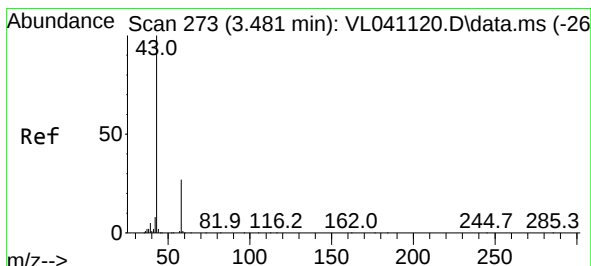
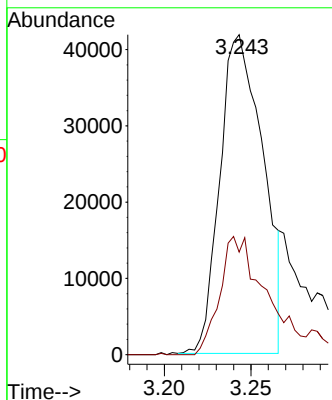
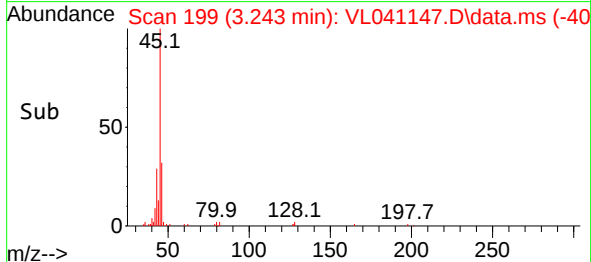
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 45 Resp: 7229
Ion Ratio Lower Upper
45 100
46 44.1 15.0 59.8

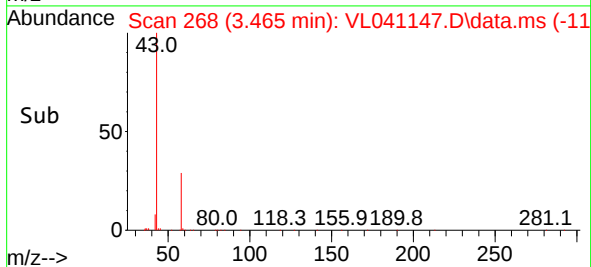
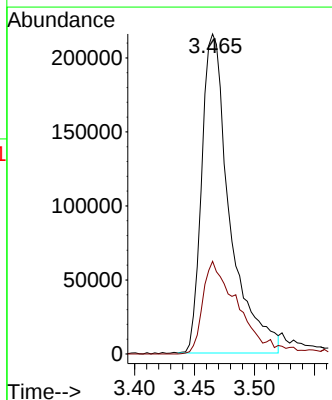
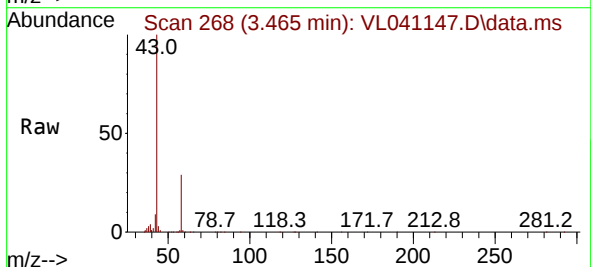
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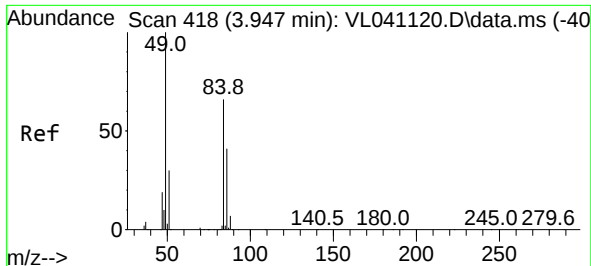
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#15
Acetone
Concen: 2.504 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.009 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

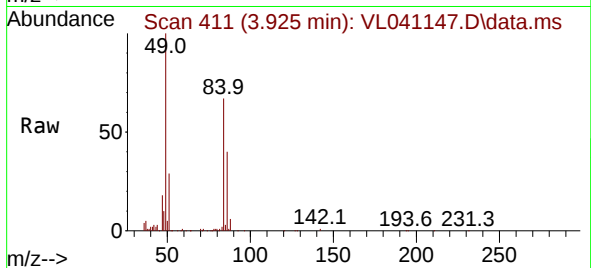
Tgt Ion: 43 Resp: 351458
Ion Ratio Lower Upper
43 100
58 38.7 21.1 31.7#





#20
Methylene Chloride
Concen: 1.598 ppbv
RT: 3.925 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

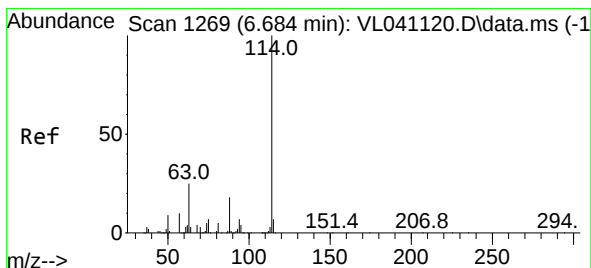
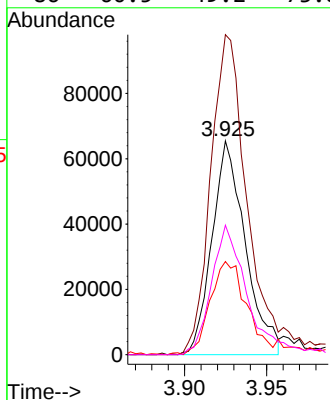
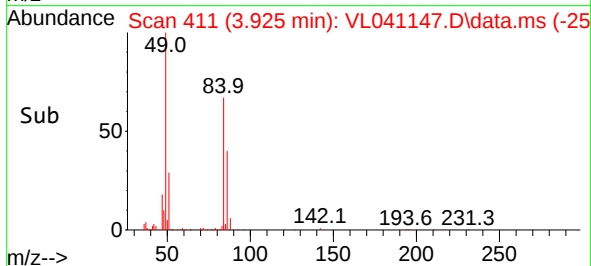
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 84 Resp: 9251
Ion Ratio Lower Upper
84 100
49 149.7 120.7 181.1
51 42.7 36.6 54.8
86 60.5 49.2 73.8

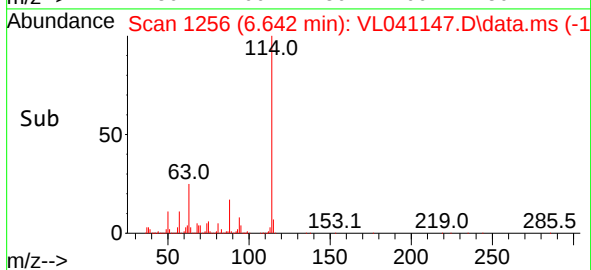
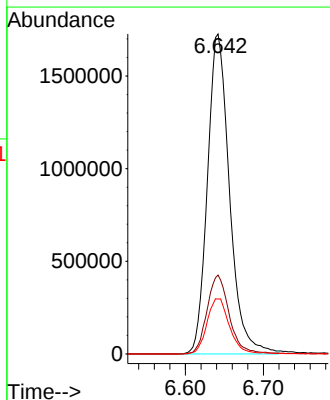
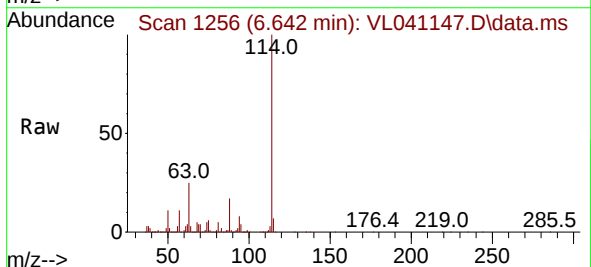
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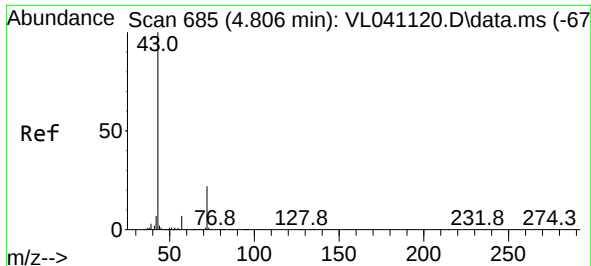
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

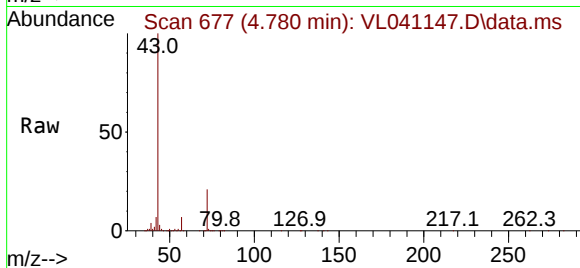
Tgt Ion:114 Resp: 3399603
Ion Ratio Lower Upper
114 100
63 25.0 20.9 31.3
88 17.8 14.5 21.7





#34
2-Butanone
Concen: 6.642 ppbv
RT: 4.780 min Scan# 61
Delta R.T. 0.009 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

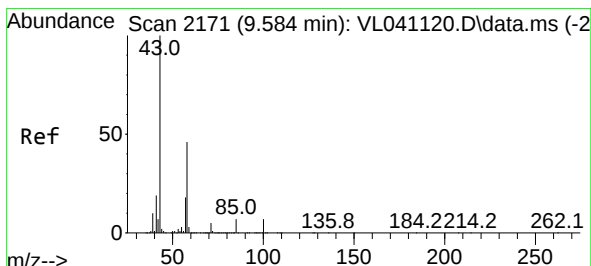
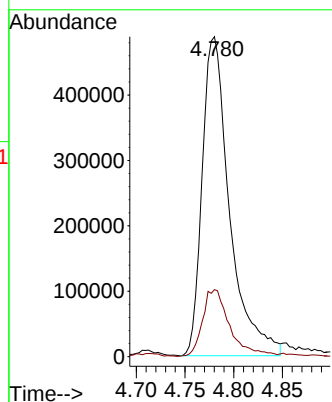
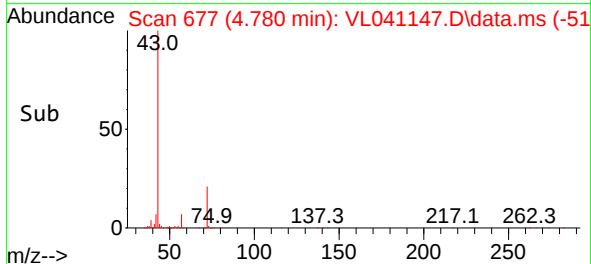
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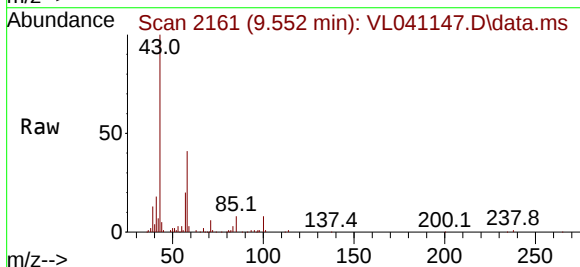
Tgt Ion: 43 Resp: 955540
Ion Ratio Lower Upper
43 100
72 21.4 17.6 26.4

Manual Integrations
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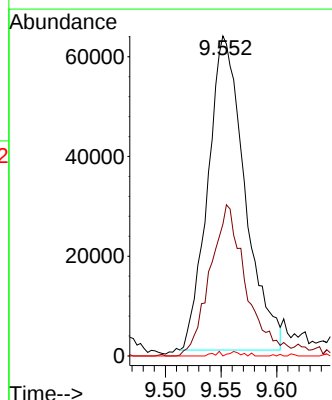
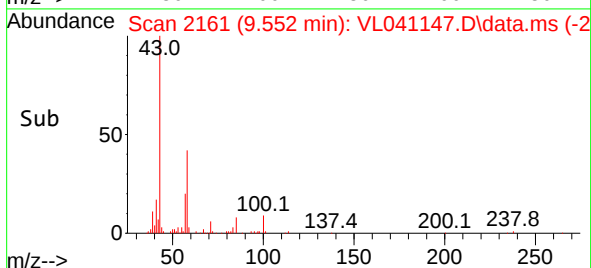
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

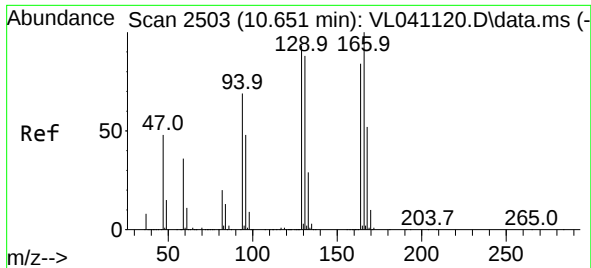


#51
2-Hexanone
Concen: 0.829 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. 0.019 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43



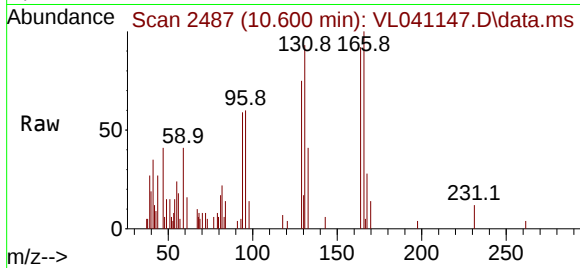
Tgt Ion: 43 Resp: 145596
Ion Ratio Lower Upper
43 100
58 50.3 37.3 55.9
98 0.9 0.3 0.5





#52
Tetrachloroethene
Concen: 0.090 ppbv m
RT: 10.600 min Scan# 2487
Delta R.T. -0.000 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

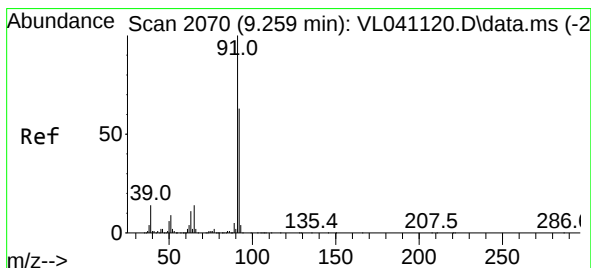
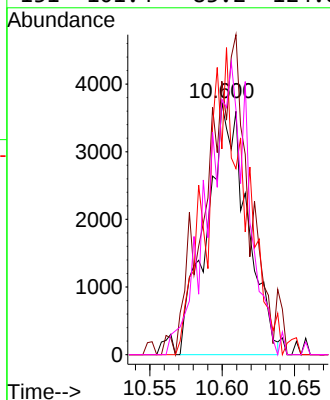
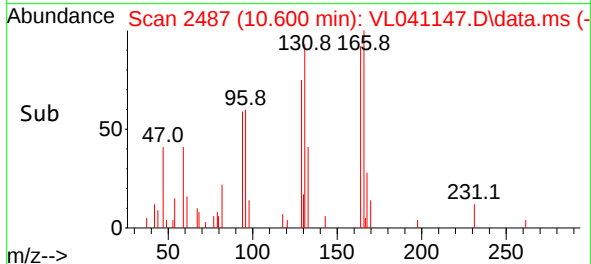
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



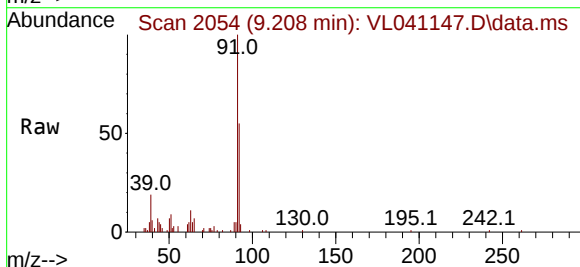
Tgt Ion:164 Resp: 719
Ion Ratio Lower Upper
164 100
166 108.6 95.0 142.6
129 81.7 88.7 133.1
131 101.4 83.2 124.8

Manual Integrations
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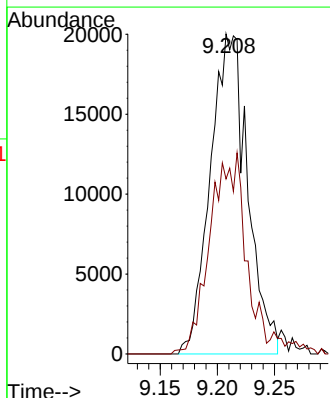
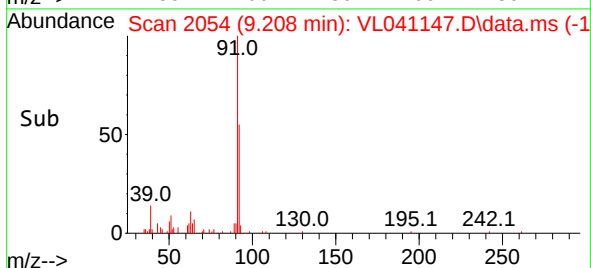
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

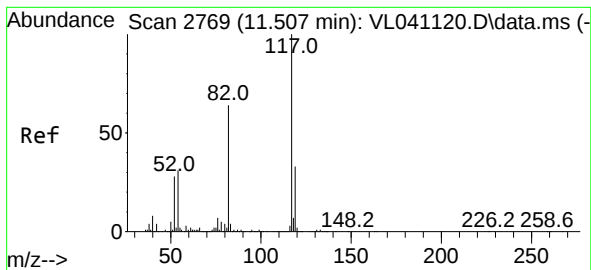


#53
Toluene
Concen: 0.173 ppbv m
RT: 9.208 min Scan# 2054
Delta R.T. 0.003 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43



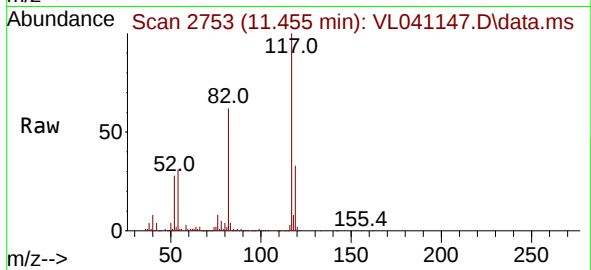
Tgt Ion: 91 Resp: 45427
Ion Ratio Lower Upper
91 100
92 0.0 49.0 73.4#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

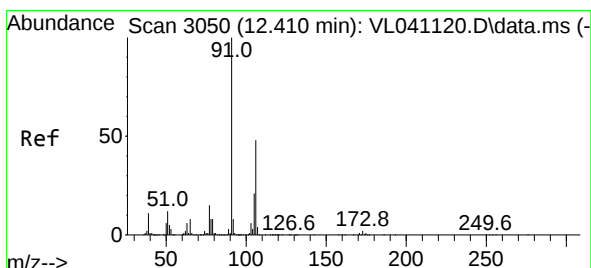
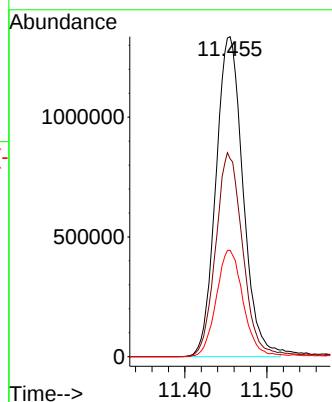
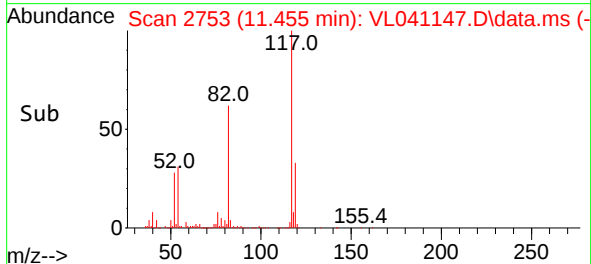
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ClientSampleId :
SV2DL



Tgt Ion:117 Resp: 307205
Ion Ratio Lower Upper
117 100
82 65.2 51.0 76.6
119 33.9 25.2 37.8

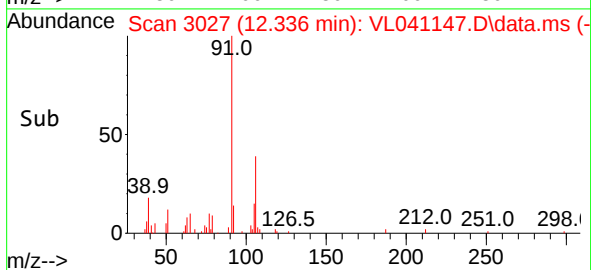
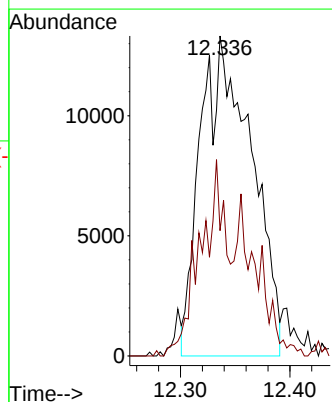
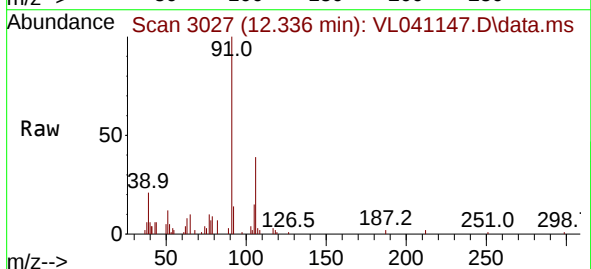
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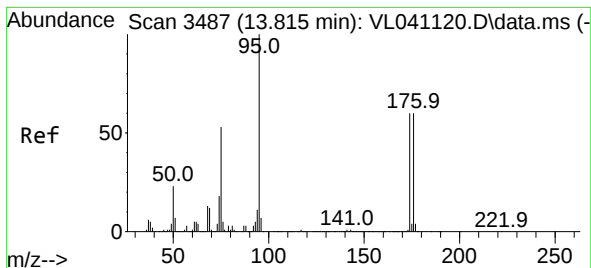
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#59
m/p-Xylene
Concen: 0.143 ppbv m
RT: 12.336 min Scan# 3027
Delta R.T. -0.020 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

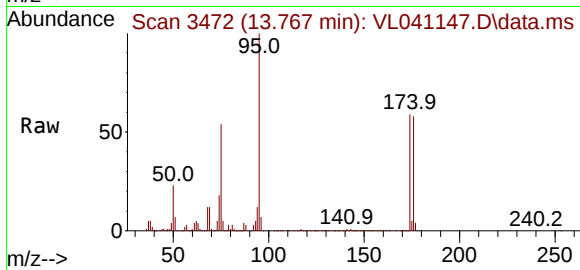
Tgt Ion: 91 Resp: 43333
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.809 ppbv
RT: 13.767 min Scan# 3487
Delta R.T. 0.006 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43

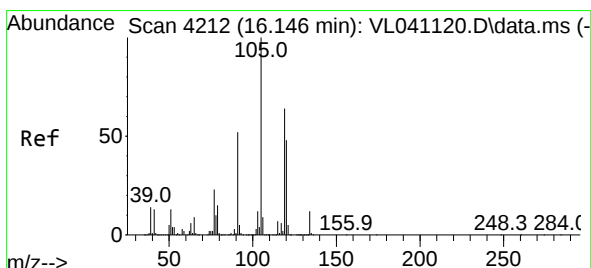
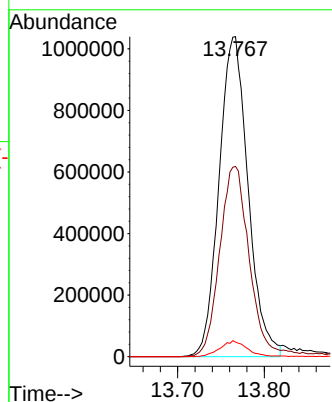
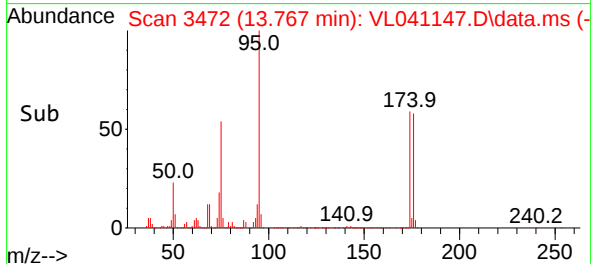
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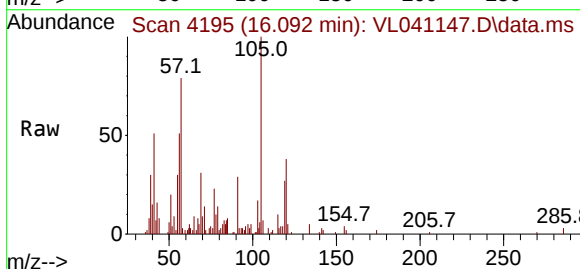
Tgt Ion: 95 Resp: 2423194
Ion Ratio Lower Upper
95 100
174 62.7 49.3 73.9
175 4.8 3.6 5.4

Manual Integrations
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Supervised By :Mahesh Dadoda 04/09/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.120 ppbv m
RT: 16.092 min Scan# 4195
Delta R.T. -0.000 min
Lab File: VL041147.D
Acq: 8 Apr 2024 12:43



Tgt Ion:105 Resp: 38838
Ion Ratio Lower Upper
105 100
120 37.5 38.9 58.3#
91 29.4 43.0 64.6#
77 23.3 18.6 28.0

