

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL041008.D
 Acq On : 23 Jan 2024 22:46
 Operator : SY/MD
 Sample : P1212-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 01:02:20 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Jan 24 00:50:15 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1074310	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.613	114	2873549	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2510099	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.732	95	1890556	9.972	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						
9) Propene	2.677	41	12070m	0.204	ppbv	Qvalue
10) Heptane	7.539	43	16882	0.116	ppbv #	86
13) Ethanol	3.224	45	5596m	0.396	ppbv	
15) Acetone	3.449	43	105174	0.766	ppbv	91
20) Methylene Chloride	3.899	84	192448	3.640	ppbv	91
26) Hexane	5.179	57	282299	2.659	ppbv #	39
34) 2-Butanone	4.767	43	32554	0.238	ppbv #	89
41) Tetrahydrofuran	5.552	42	22151m	0.238	ppbv	
52) Tetrachloroethene	10.571	164	9848m	0.125	ppbv	

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

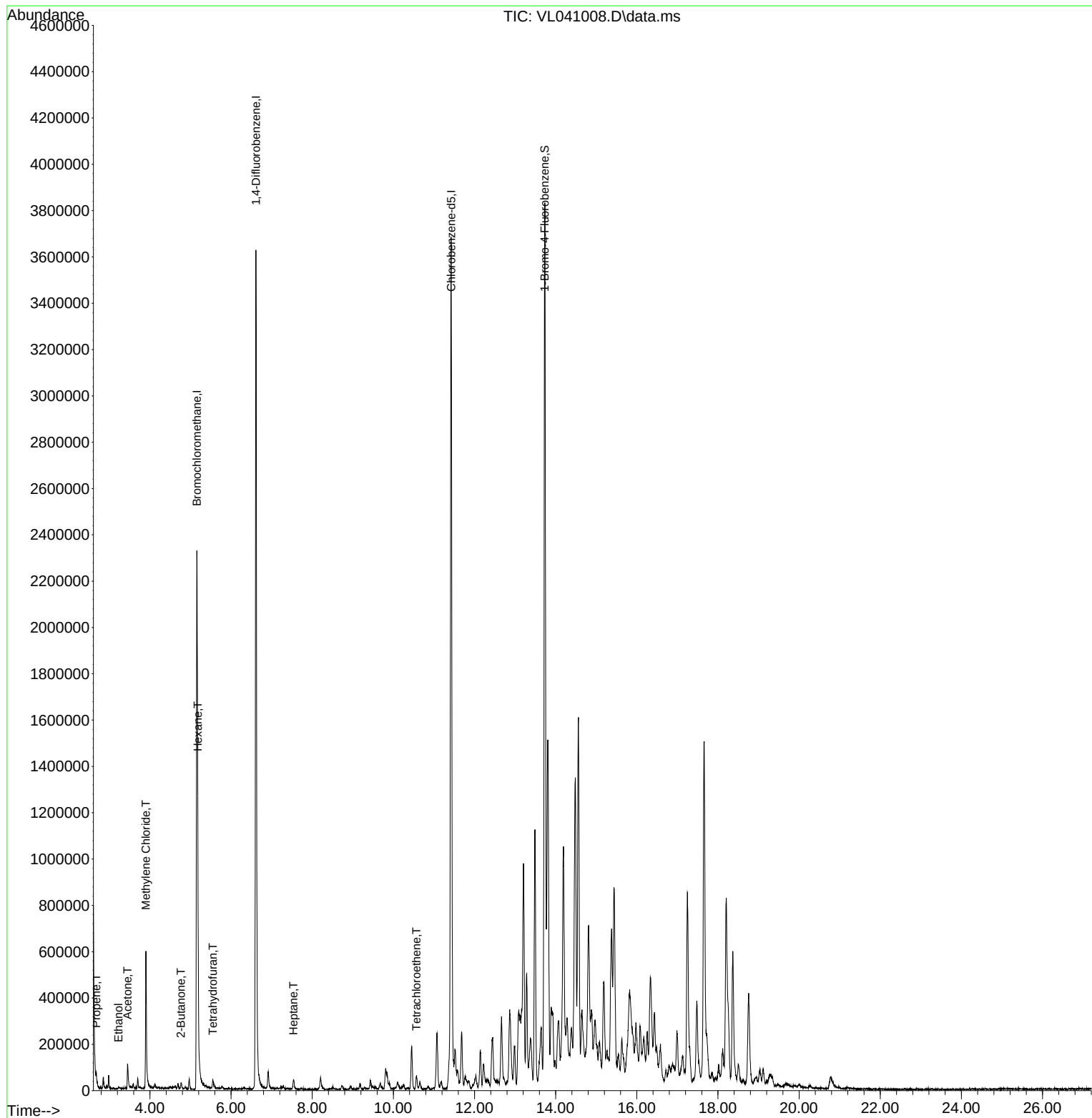
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
Data File : VL041008.D
Acq On : 23 Jan 2024 22:46
Operator : SY/MD
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Misc : 400mL/MSVOA_L
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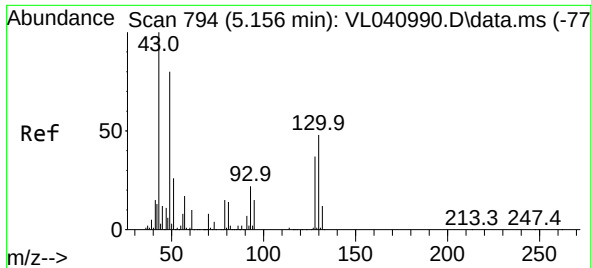
Instrument :
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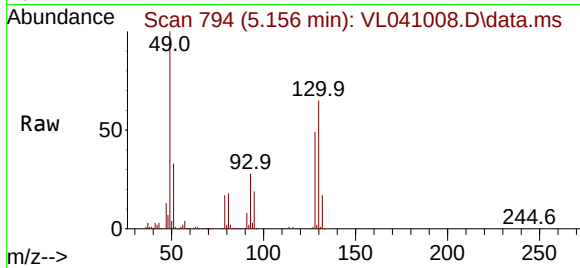
Quant Time: Jan 24 01:02:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Jan 24 00:50:15 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46

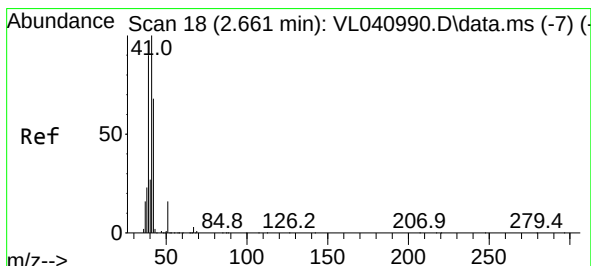
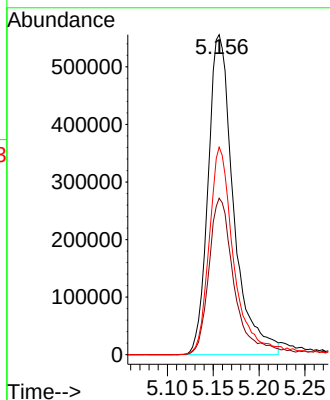
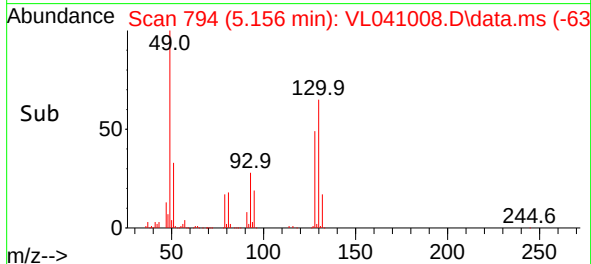
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 1074310
Ion Ratio Lower Upper
49 100
128 51.2 23.9 71.7
130 65.4 31.1 93.5

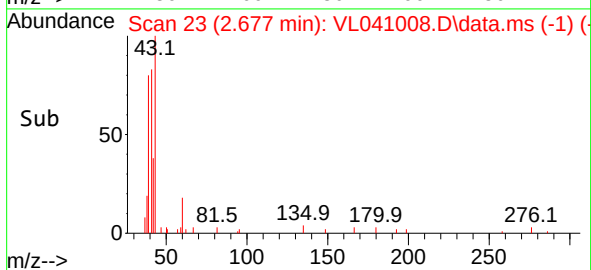
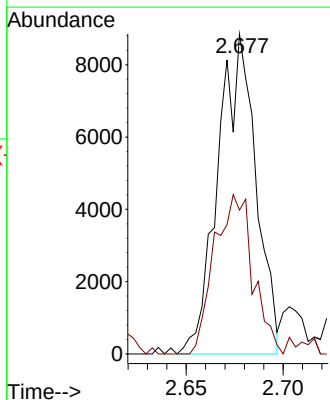
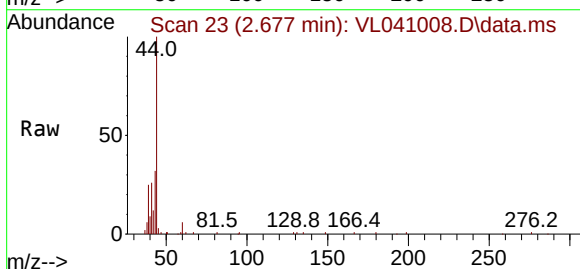
Manual Integrations
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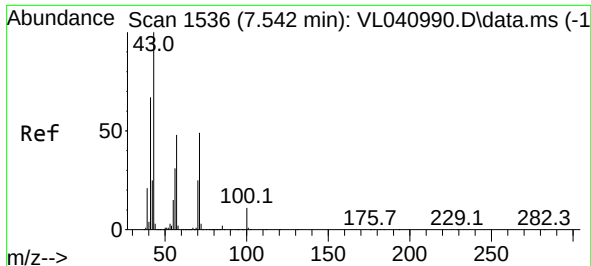
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#9
Propene
Concen: 0.204 ppbv m
RT: 2.677 min Scan# 23
Delta R.T. 0.016 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46

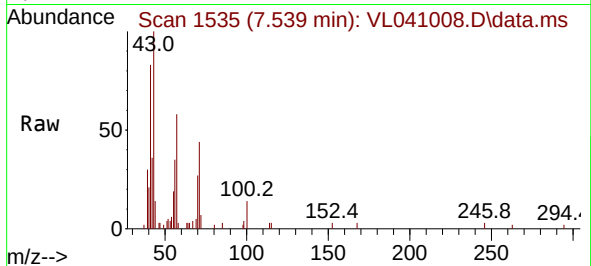
Tgt Ion: 41 Resp: 12070
Ion Ratio Lower Upper
41 100
42 0.0 59.0 88.4#





#10
Heptane
Concen: 0.116 ppbv
RT: 7.539 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46

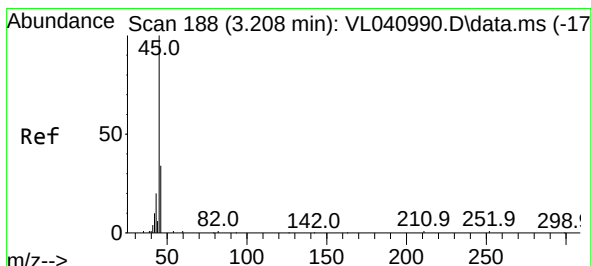
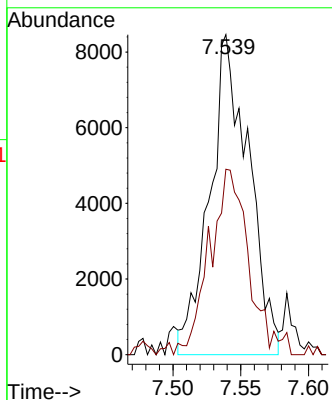
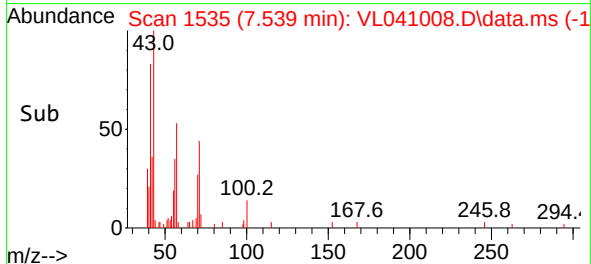
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



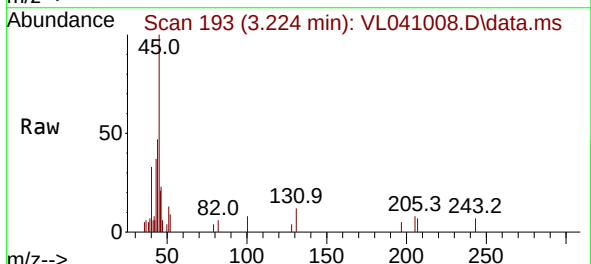
Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
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57 59.2 39.4 59.2

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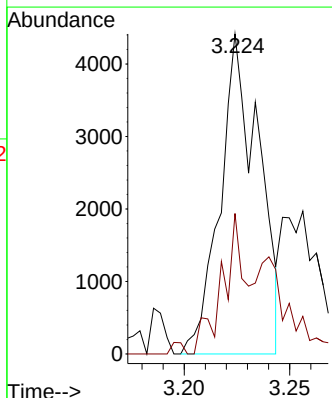
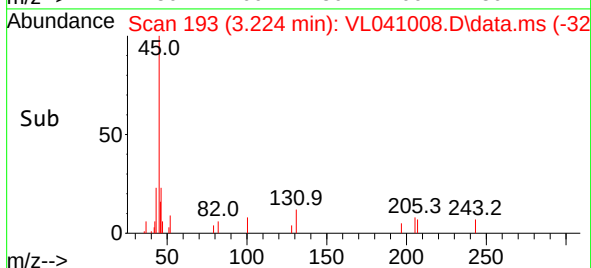
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

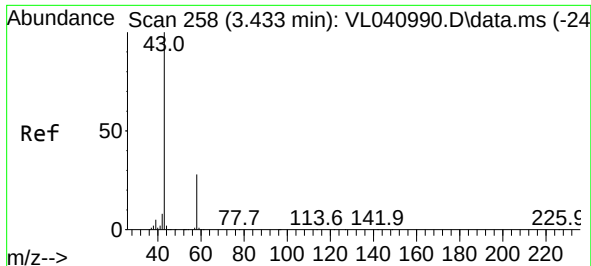


#13
Ethanol
Concen: 0.396 ppbv m
RT: 3.224 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46



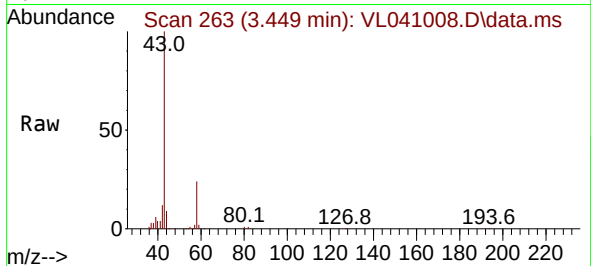
Tgt Ion: 45 Resp: 5596
Ion Ratio Lower Upper
45 100
46 58.0 16.2 64.8





#15
Acetone
Concen: 0.766 ppbv
RT: 3.449 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46

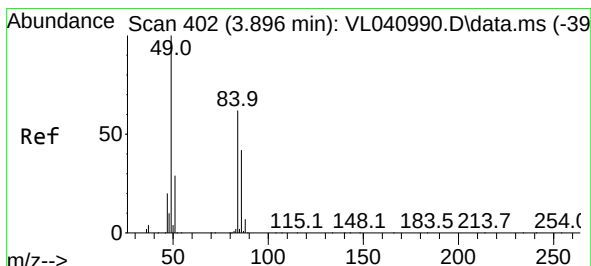
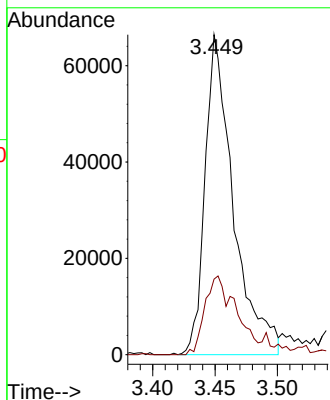
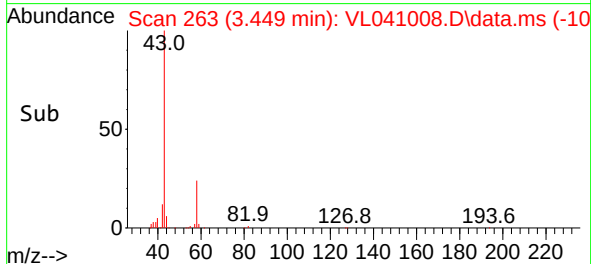
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



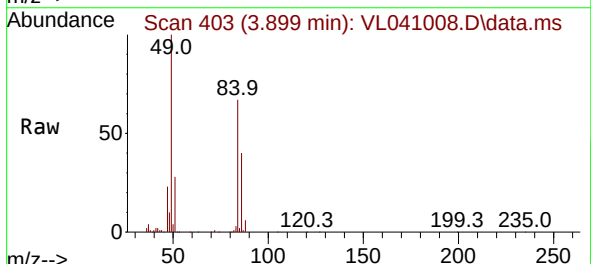
Tgt Ion: 43 Resp: 105174
Ion Ratio Lower Upper
43 100
58 32.2 22.2 33.2

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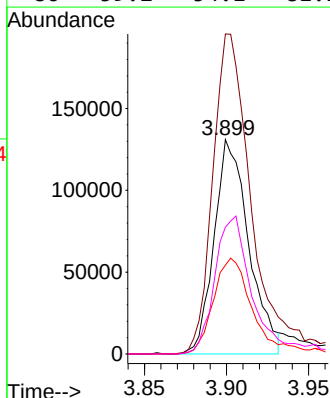
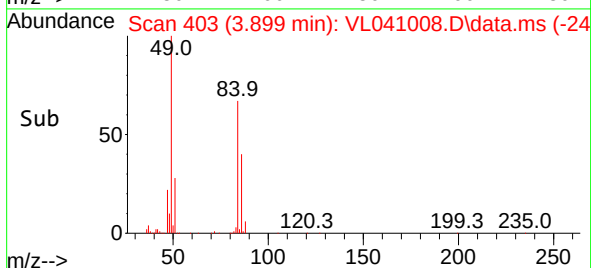
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

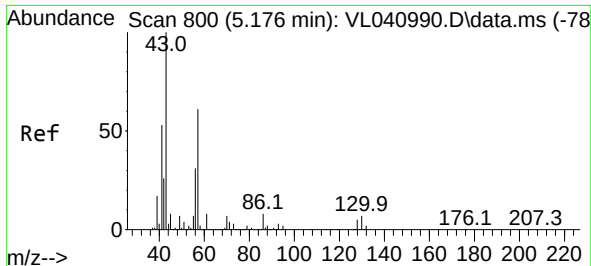


#20
Methylene Chloride
Concen: 3.640 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46



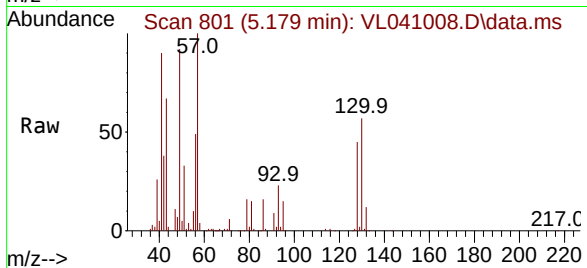
Tgt Ion: 84 Resp: 192448
Ion Ratio Lower Upper
84 100
49 149.0 128.1 192.1
51 41.4 36.5 54.7
86 59.2 54.1 81.1





#26
Hexane
Concen: 2.659 ppbv
RT: 5.179 min Scan# 800
Delta R.T. 0.003 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46

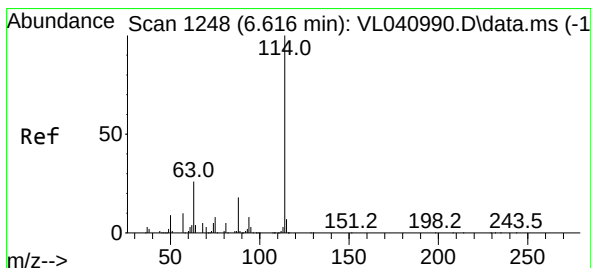
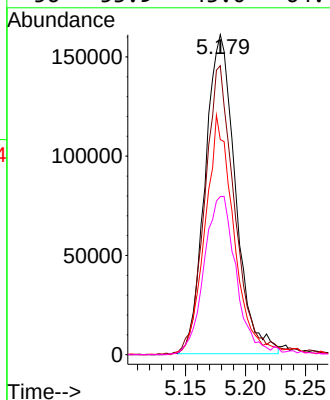
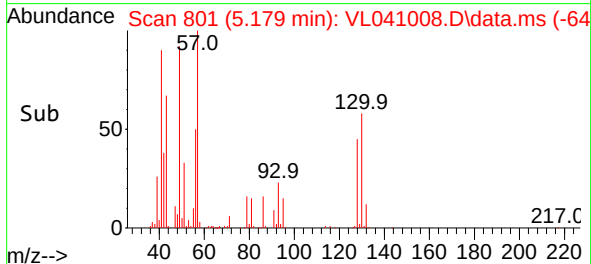
Instrument :
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Client Sample Id :
SV1DL



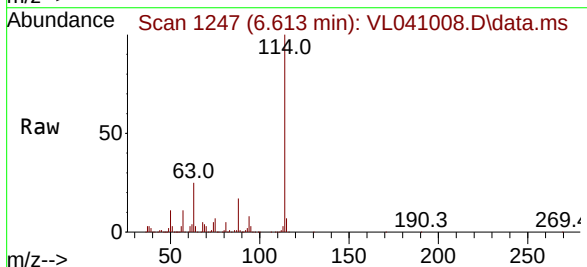
Tgt Ion: 57 Resp: 282295
Ion Ratio Lower Upper
57 100
41 91.6 74.4 111.6
43 73.0 190.6 285.8
56 53.9 43.0 64.4

Manual Integrations
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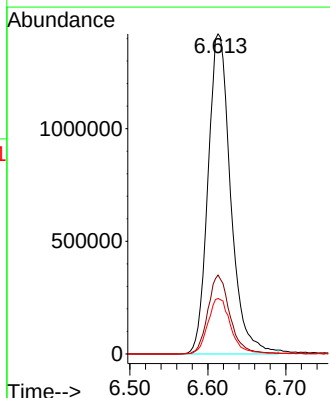
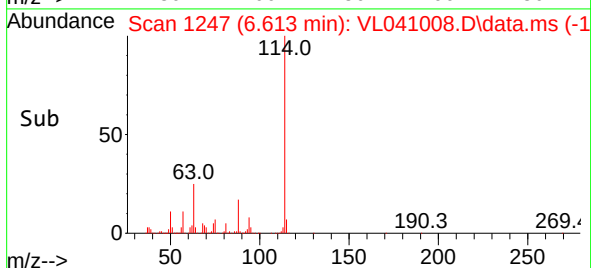
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

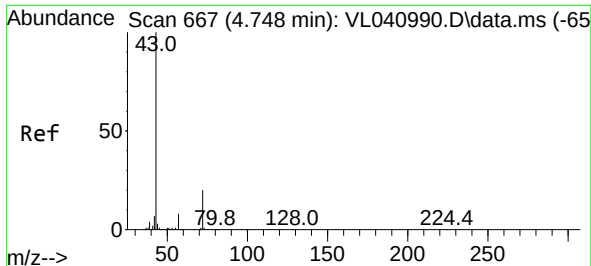


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46



Tgt Ion:114 Resp: 2873549
Ion Ratio Lower Upper
114 100
63 24.3 20.8 31.2
88 17.6 14.3 21.5





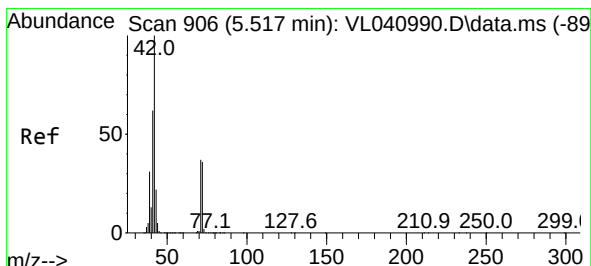
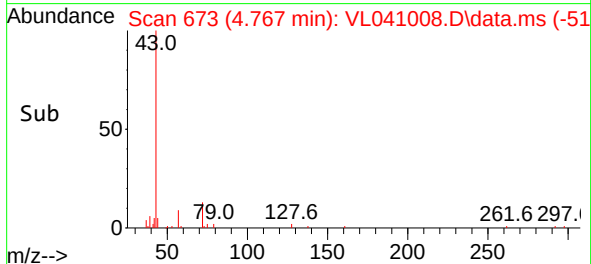
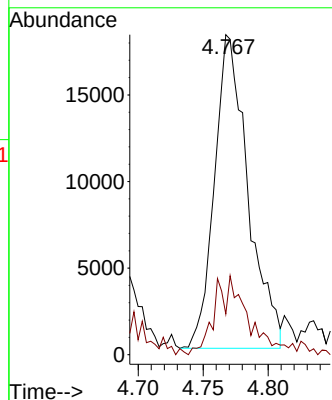
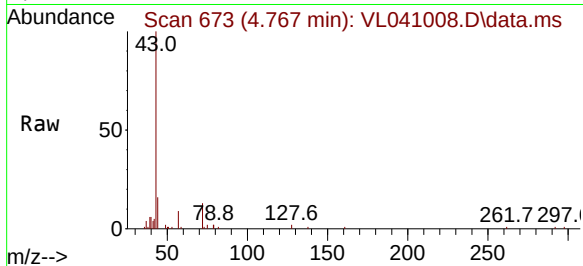
#34
2-Butanone
Concen: 0.238 ppbv
RT: 4.767 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 32554
Ion Ratio Lower Upper
43 100
72 27.0 17.5 26.3

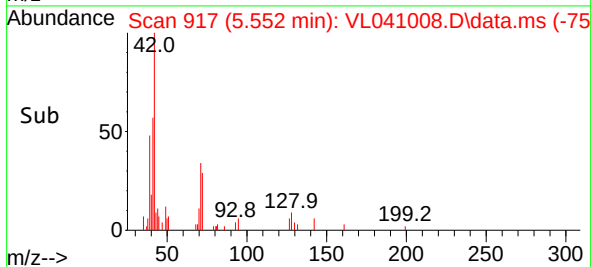
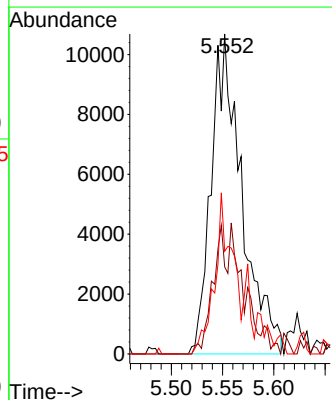
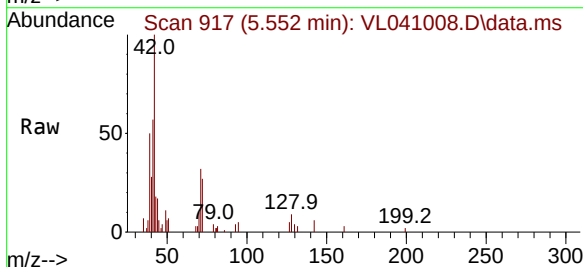
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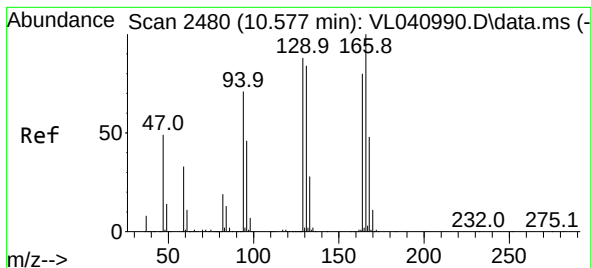
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#41
Tetrahydrofuran
Concen: 0.238 ppbv m
RT: 5.552 min Scan# 917
Delta R.T. 0.035 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46

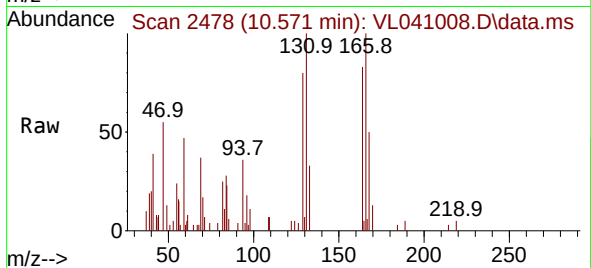
Tgt Ion: 42 Resp: 22151
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 0.0 29.5 44.3#





#52
Tetrachloroethene
Concen: 0.125 ppbv m
RT: 10.571 min Scan# 24
Delta R.T. -0.006 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46

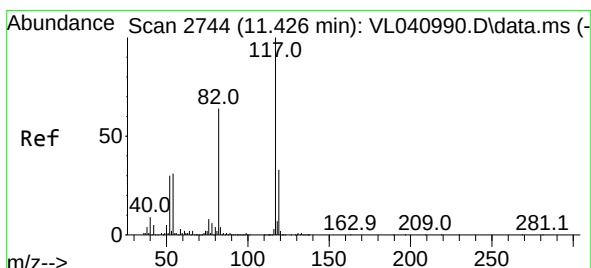
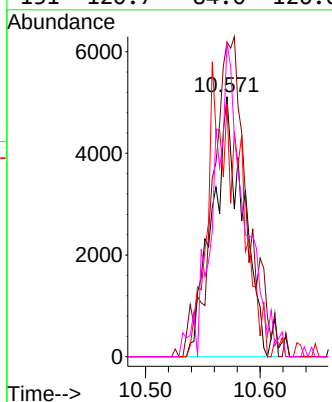
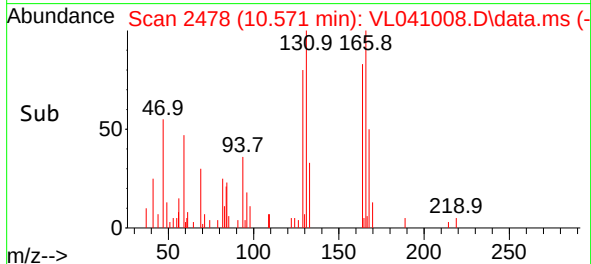
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



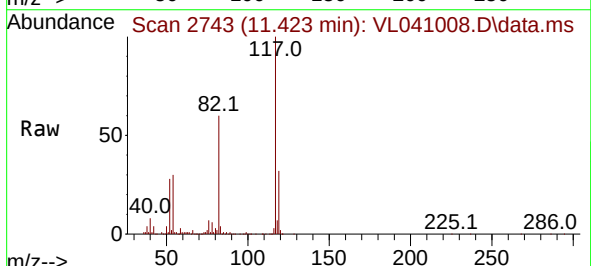
Tgt Ion:164 Resp: 984
Ion Ratio Lower Upper
164 100
166 121.1 100.2 150.2
129 97.1 87.9 131.9
131 120.7 84.0 126.0

Manual Integrations
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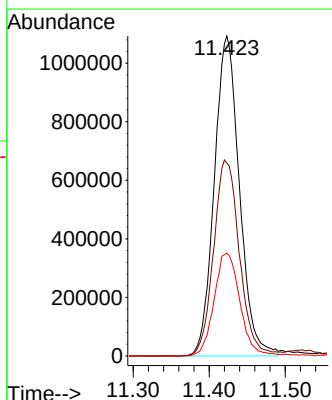
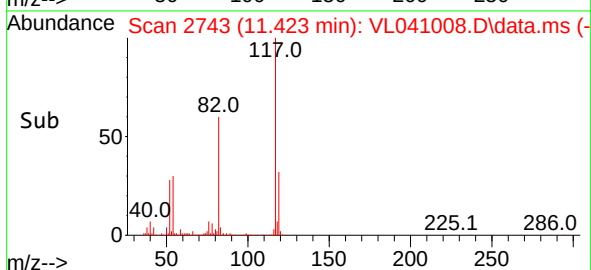
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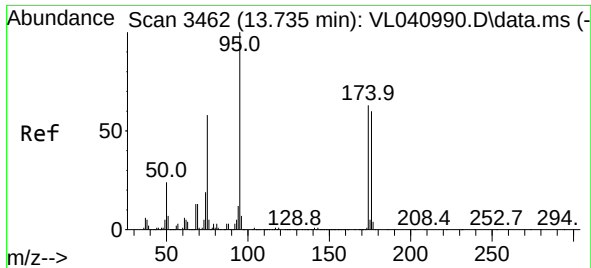


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.423 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VL041008.D
Acq: 23 Jan 2024 22:46



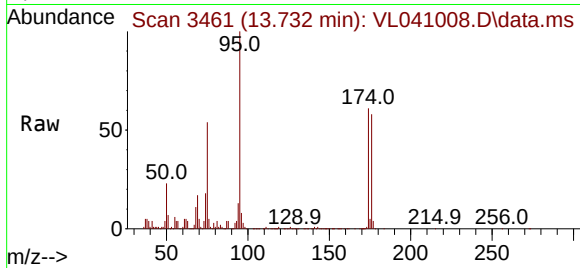
Tgt Ion:117 Resp: 2510099
Ion Ratio Lower Upper
117 100
82 62.9 51.7 77.5
119 33.3 23.8 35.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.972 ppbv
 RT: 13.732 min Scan# 3461
 Delta R.T. -0.003 min
 Lab File: VL041008.D
 Acq: 23 Jan 2024 22:46

Instrument :
 MSVOA_L
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Tgt Ion: 95 Resp: 1890550
 Ion Ratio Lower Upper
 95 100
 174 63.7 49.1 73.7
 175 4.7 3.7 5.5

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