

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL041006.D
 Acq On : 23 Jan 2024 21:27
 Operator : SY/MD
 Sample : P1211-01DL 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 01:01:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.160	49	972176	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2753130	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2365108	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.728	95	1782450	9.978	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
9) Propene	2.674	41	8927	0.166	ppbv	100
13) Ethanol	3.218	45	97437	7.623	ppbv	98
15) Acetone	3.446	43	218369	1.756	ppbv	96
19) Isopropyl Alcohol	3.549	45	869024	12.076	ppbv #	97
20) Methylene Chloride	3.906	84	36252	0.758	ppbv	97
26) Hexane	5.185	57	35258m	0.367	ppbv	
34) 2-Butanone	4.761	43	20869	0.159	ppbv #	90
52) Tetrachloroethene	10.574	164	4632m	0.061	ppbv	
53) Toluene	9.179	91	18618m	0.075	ppbv	

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

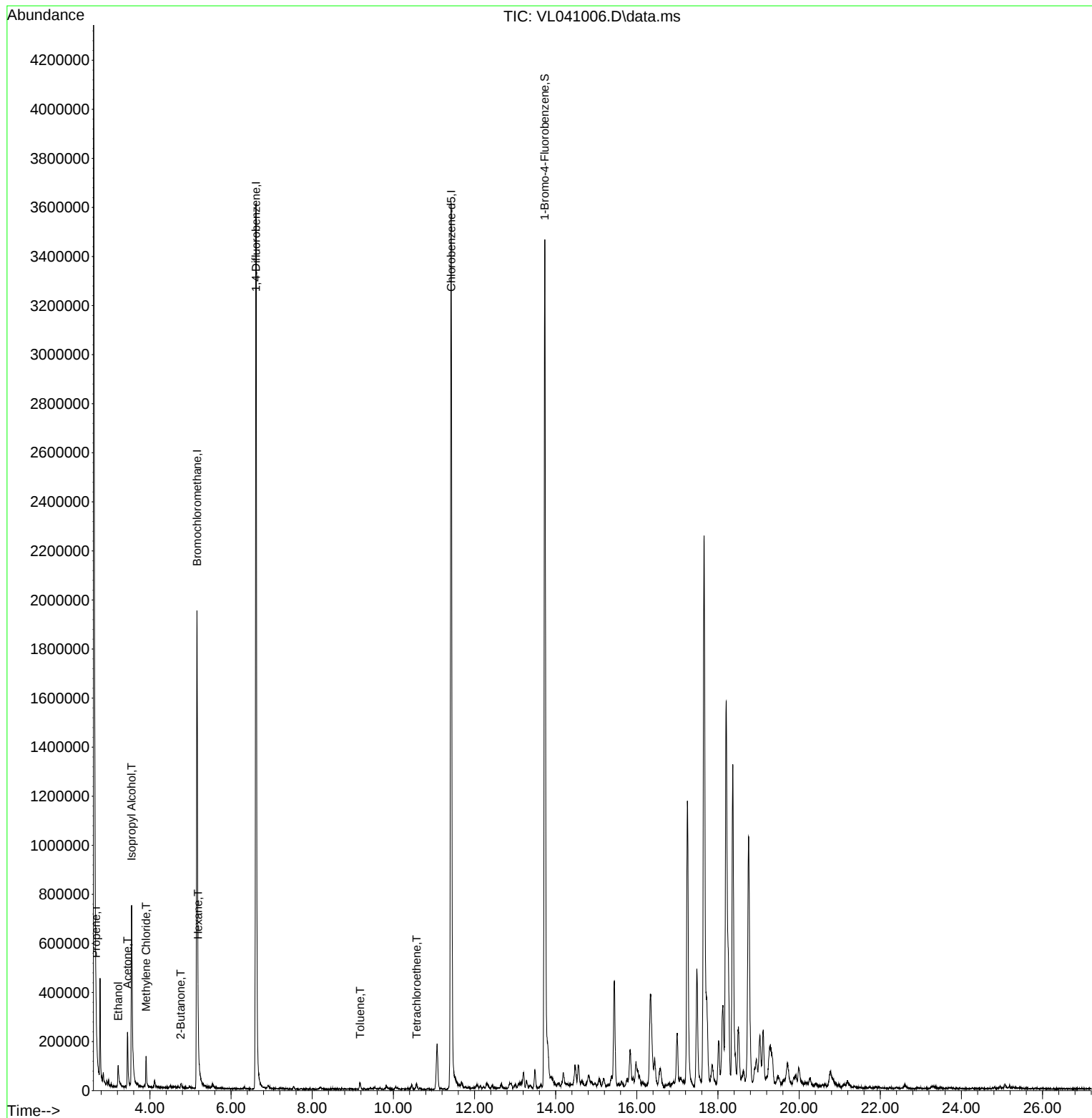
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
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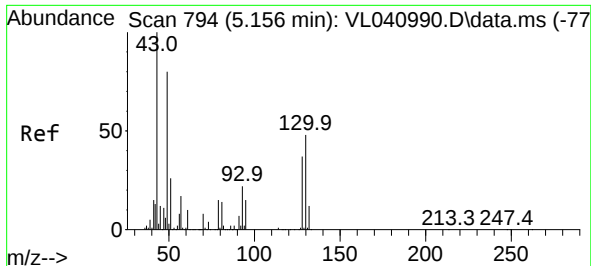
Instrument :
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Quant Time: Jan 24 01:01:55 2024
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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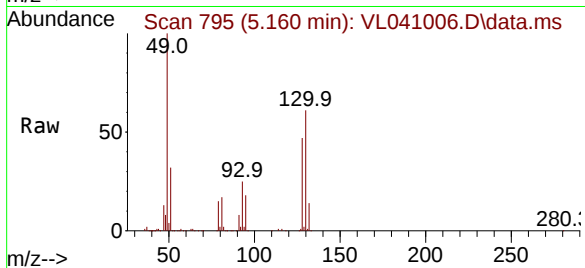
Reviewed By : Semsettin Yesilyurt 01/24/2024
Supervised By : Mahesh Dadoda 01/24/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.160 min Scan# 794
Delta R.T. 0.004 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

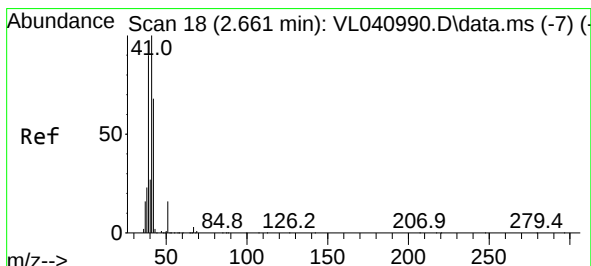
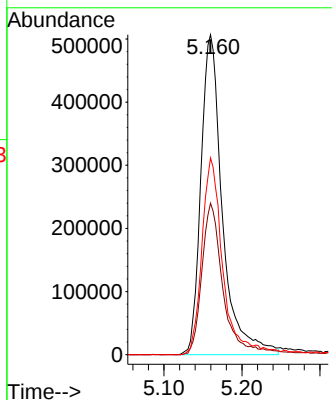
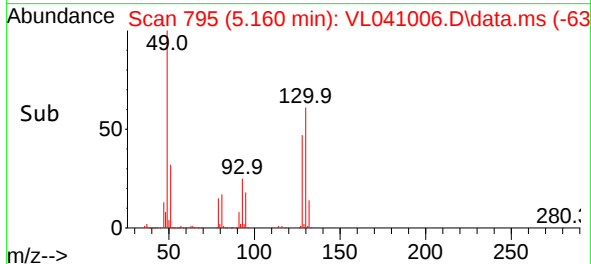
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 972170
Ion Ratio Lower Upper
49 100
128 47.6 23.9 71.7
130 61.2 31.1 93.5

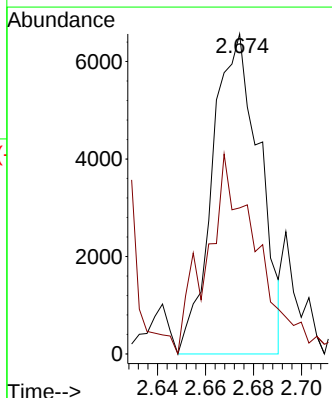
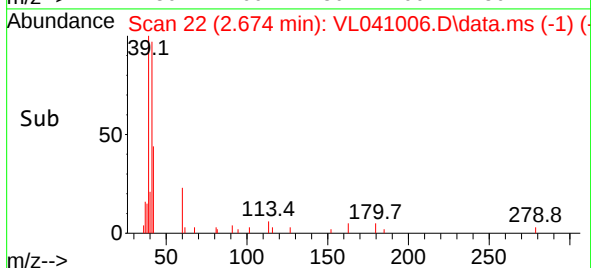
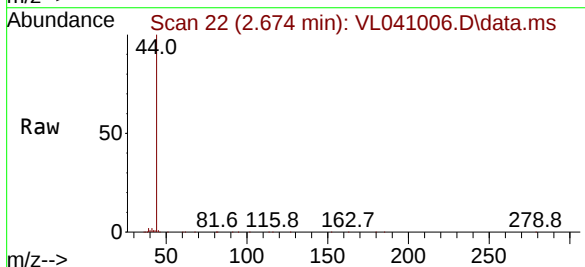
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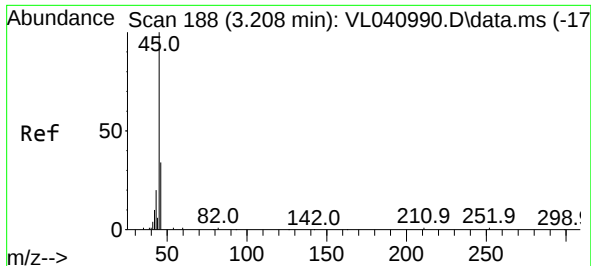
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#9
Propene
Concen: 0.166 ppbv
RT: 2.674 min Scan# 22
Delta R.T. 0.013 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

Tgt Ion: 41 Resp: 8927
Ion Ratio Lower Upper
41 100
42 73.5 59.0 88.4





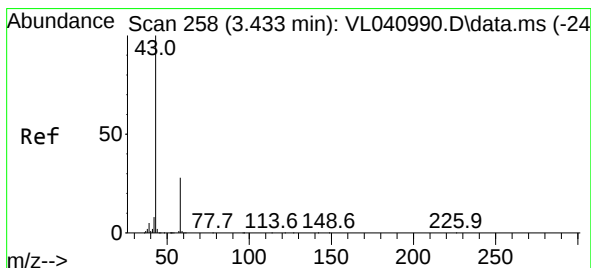
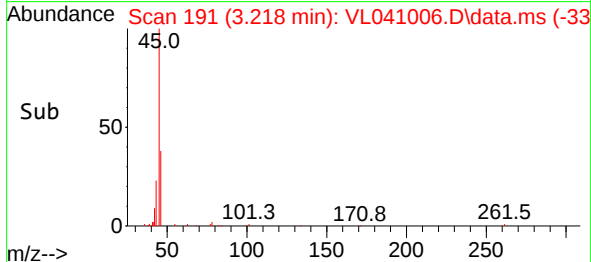
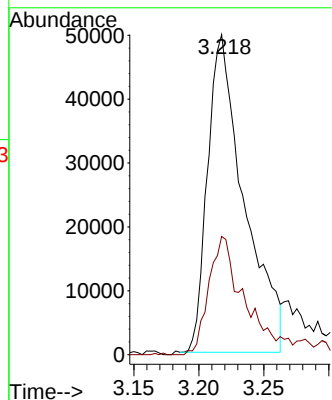
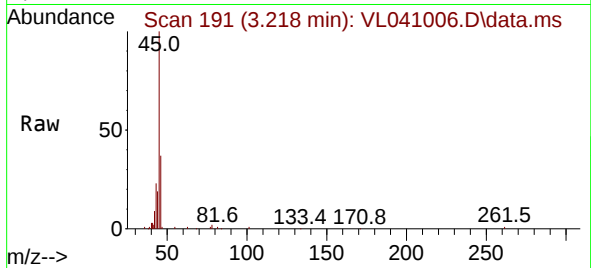
#13
Ethanol
Concen: 7.623 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.010 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 45 Resp: 9743
Ion Ratio Lower Upper
45 100
46 42.0 16.2 64.8

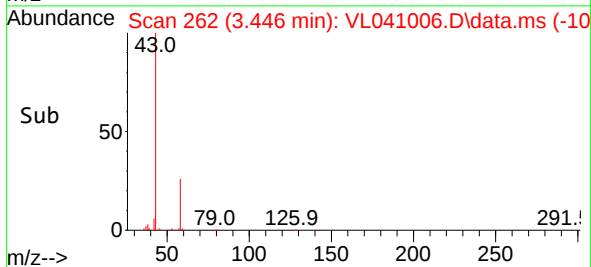
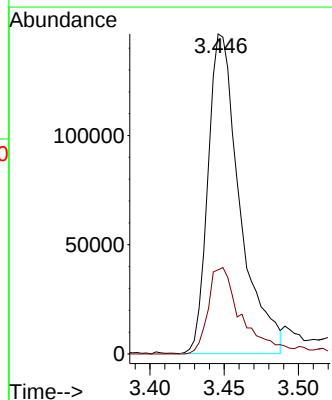
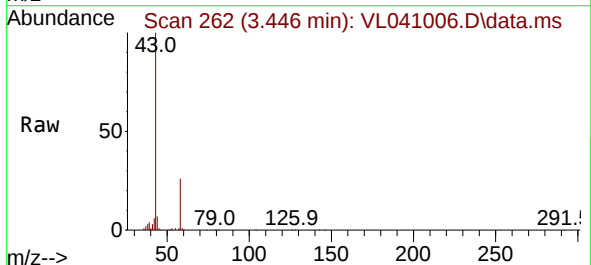
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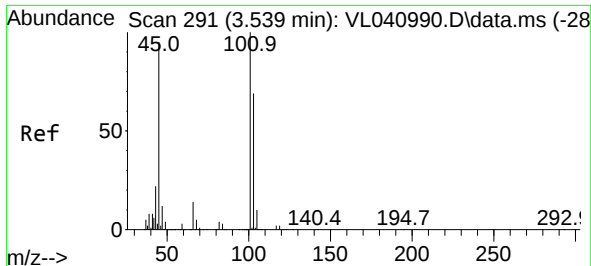
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#15
Acetone
Concen: 1.756 ppbv
RT: 3.446 min Scan# 262
Delta R.T. 0.013 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

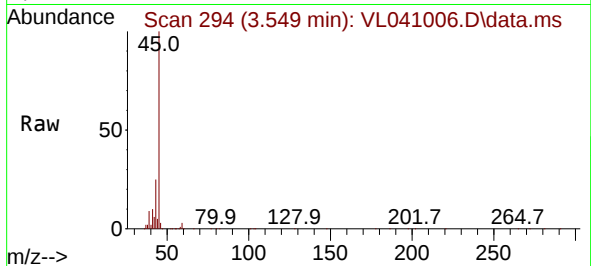
Tgt Ion: 43 Resp: 218369
Ion Ratio Lower Upper
43 100
58 30.0 22.2 33.2





#19
Isopropyl Alcohol
Concen: 12.076 ppbv
RT: 3.549 min Scan# 291
Delta R.T. 0.010 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

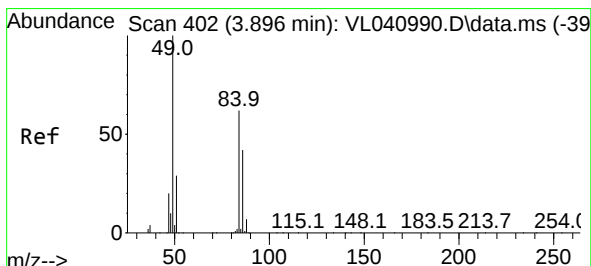
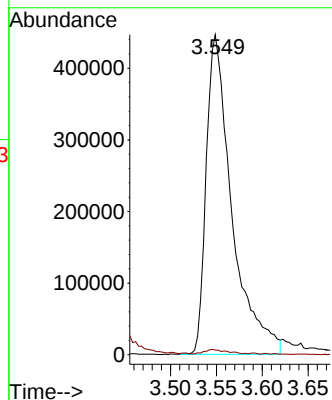
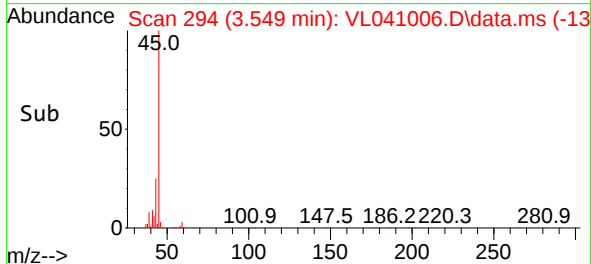
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



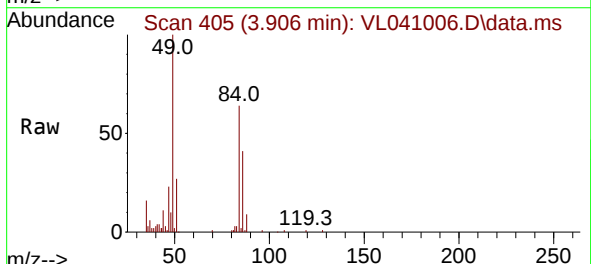
Tgt Ion: 45 Resp: 869024
Ion Ratio Lower Upper
45 100
58 1.6 2.2 3.4

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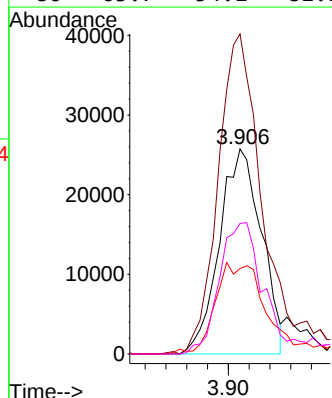
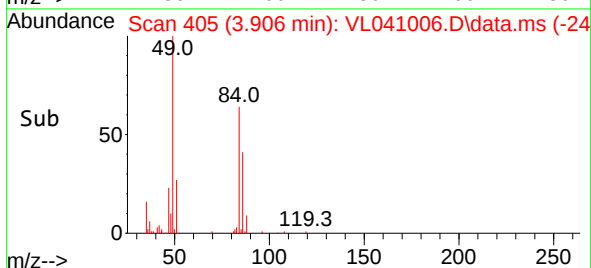
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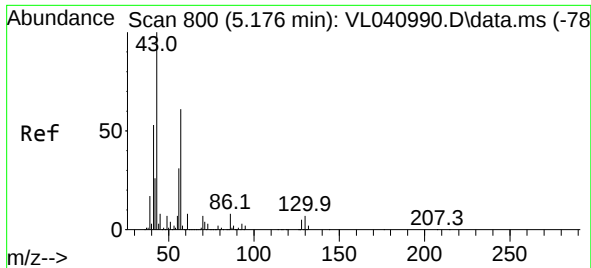


#20
Methylene Chloride
Concen: 0.758 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.010 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27



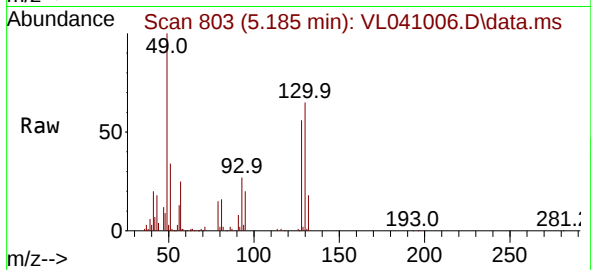
Tgt Ion: 84 Resp: 36252
Ion Ratio Lower Upper
84 100
49 159.3 128.1 192.1
51 39.3 36.5 54.7
86 63.7 54.1 81.1





#26
Hexane
Concen: 0.367 ppbv m
RT: 5.185 min Scan# 803
Delta R.T. 0.010 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

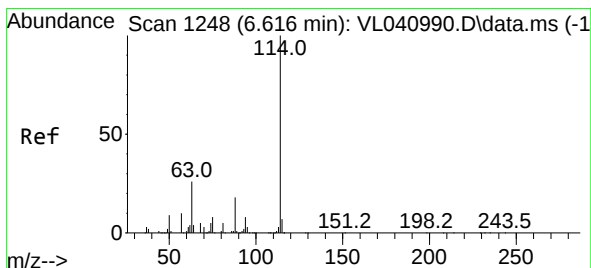
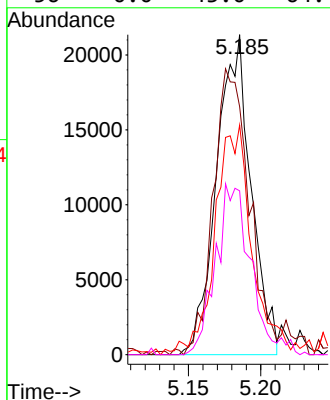
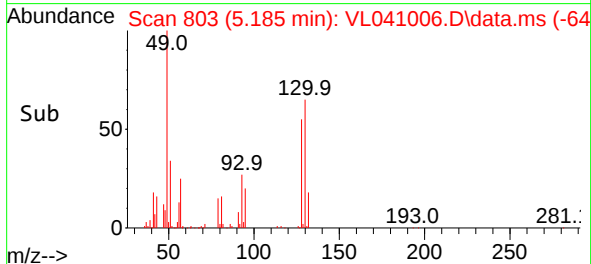
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 35258
Ion Ratio Lower Upper
57 100
41 0.0 74.4 111.6
43 81.0 190.6 285.8
56 0.0 43.0 64.4

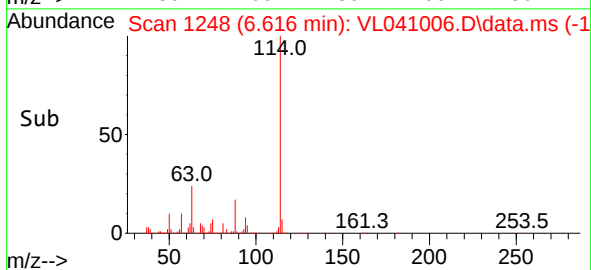
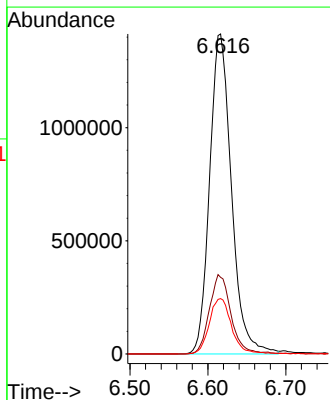
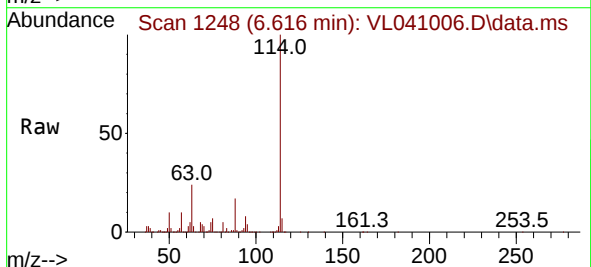
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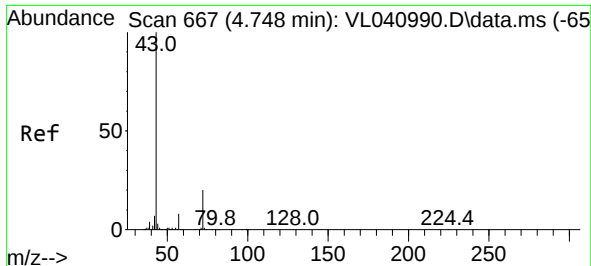
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

Tgt Ion:114 Resp: 2753130
Ion Ratio Lower Upper
114 100
63 24.9 20.8 31.2
88 17.8 14.3 21.5





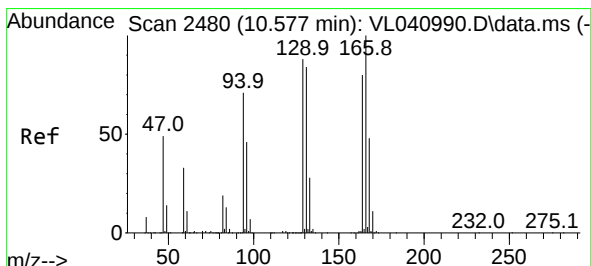
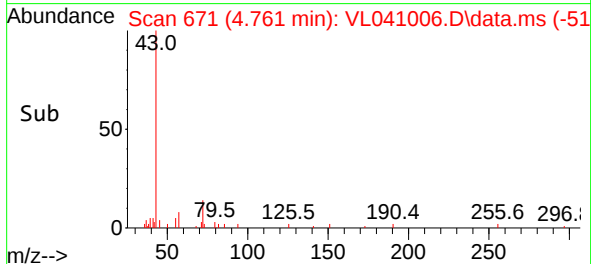
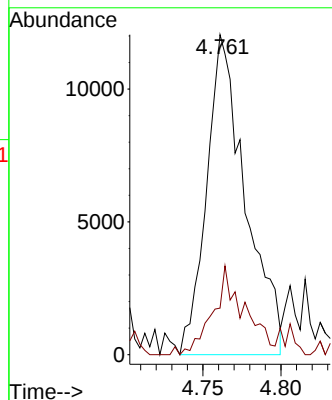
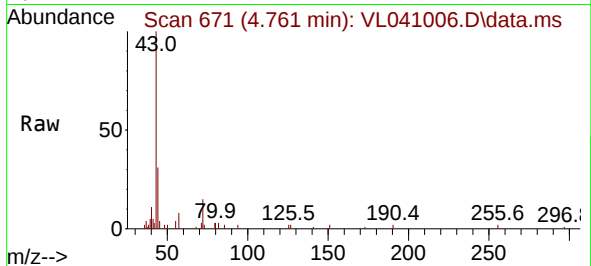
#34
2-Butanone
Concen: 0.159 ppbv
RT: 4.761 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 20869
Ion Ratio Lower Upper
43 100
72 26.9 17.5 26.3

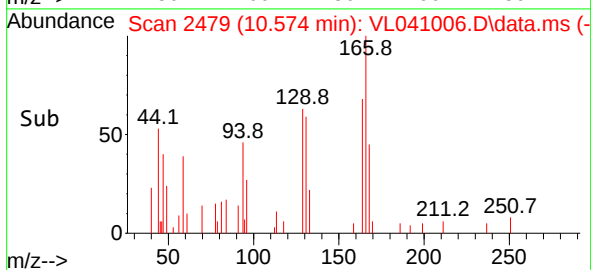
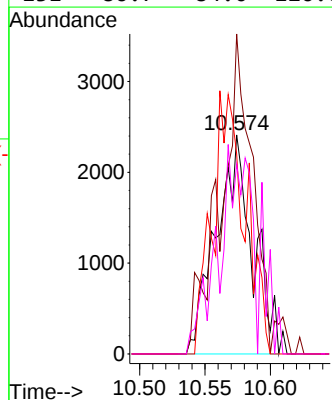
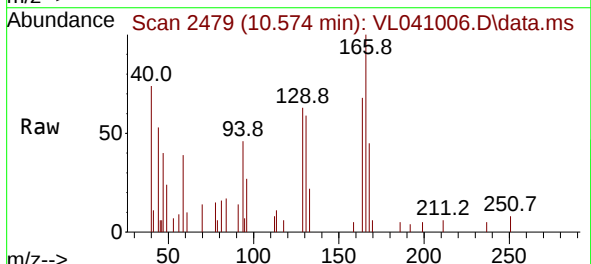
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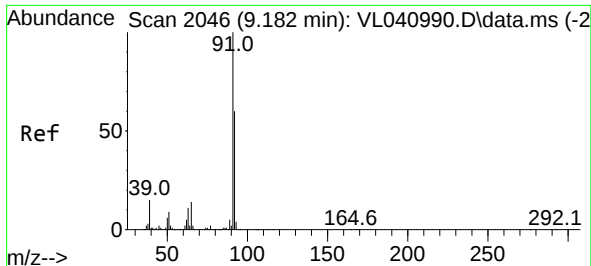
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#52
Tetrachloroethene
Concen: 0.061 ppbv m
RT: 10.574 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

Tgt Ion:164 Resp: 4632
Ion Ratio Lower Upper
164 100
166 146.0 100.2 150.2
129 91.3 87.9 131.9
131 86.7 84.0 126.0





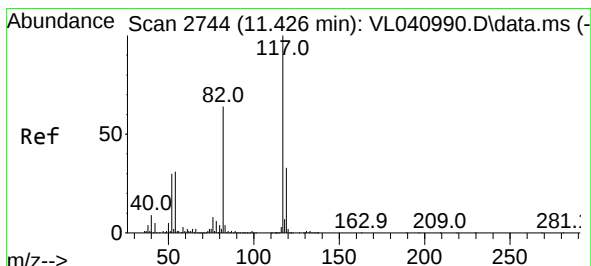
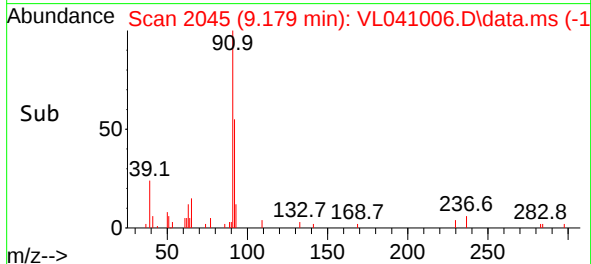
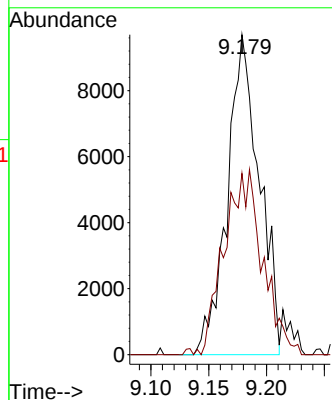
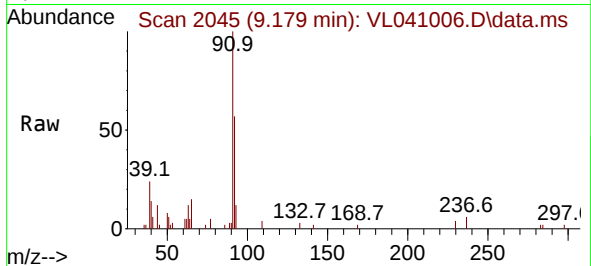
#53
Toluene
Concen: 0.075 ppbv m
RT: 9.179 min Scan# 2046
Delta R.T. -0.003 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 18618
Ion Ratio Lower Upper
91 100
92 69.4 48.6 72.8

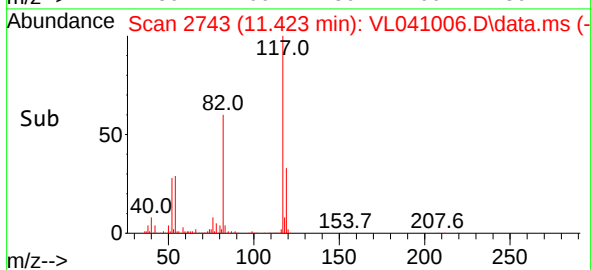
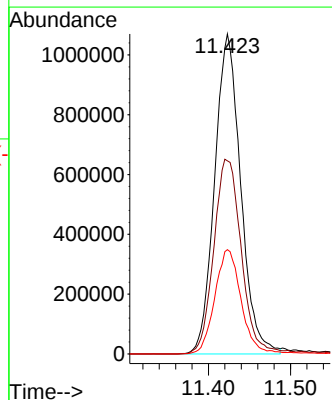
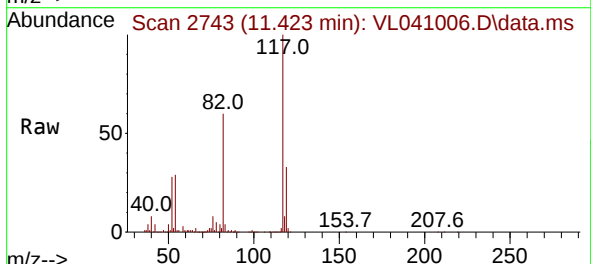
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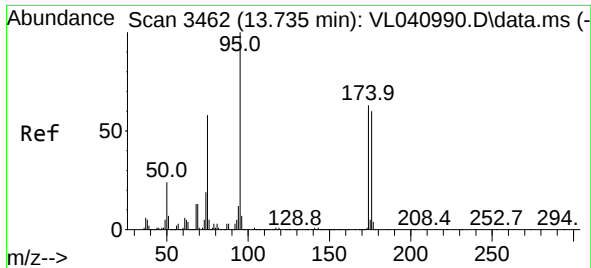
Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.423 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VL041006.D
Acq: 23 Jan 2024 21:27

Tgt Ion:117 Resp: 2365108
Ion Ratio Lower Upper
117 100
82 65.3 51.7 77.5
119 33.4 23.8 35.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.978 ppbv
 RT: 13.728 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VL041006.D
 Acq: 23 Jan 2024 21:27

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Tgt Ion: 95 Resp: 1782450
 Ion Ratio Lower Upper
 95 100
 174 61.3 49.1 73.7
 175 4.6 3.7 5.5

Manual Integrations
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