

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
 Data File : VL041044.D
 Acq On : 7 Feb 2024 17:20
 Operator : SY/MD
 Sample : P1393-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 08 02:46:00 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 : Thu Feb 08 02:04:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1269329	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3169762	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2851619	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2210898	10.265	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	28644	0.102	ppbv #	83
9) Propene	2.684	41	234121	3.343	ppbv	89
13) Ethanol	3.237	45	52579	3.150	ppbv	93
15) Acetone	3.459	43	242040	1.491	ppbv #	85
20) Methylene Chloride	3.919	84	336617	5.389	ppbv	96
26) Hexane	5.195	57	282987	2.256	ppbv #	38
34) 2-Butanone	4.783	43	84792	0.561	ppbv	91
36) Benzene	6.356	78	28016m	0.107	ppbv	

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

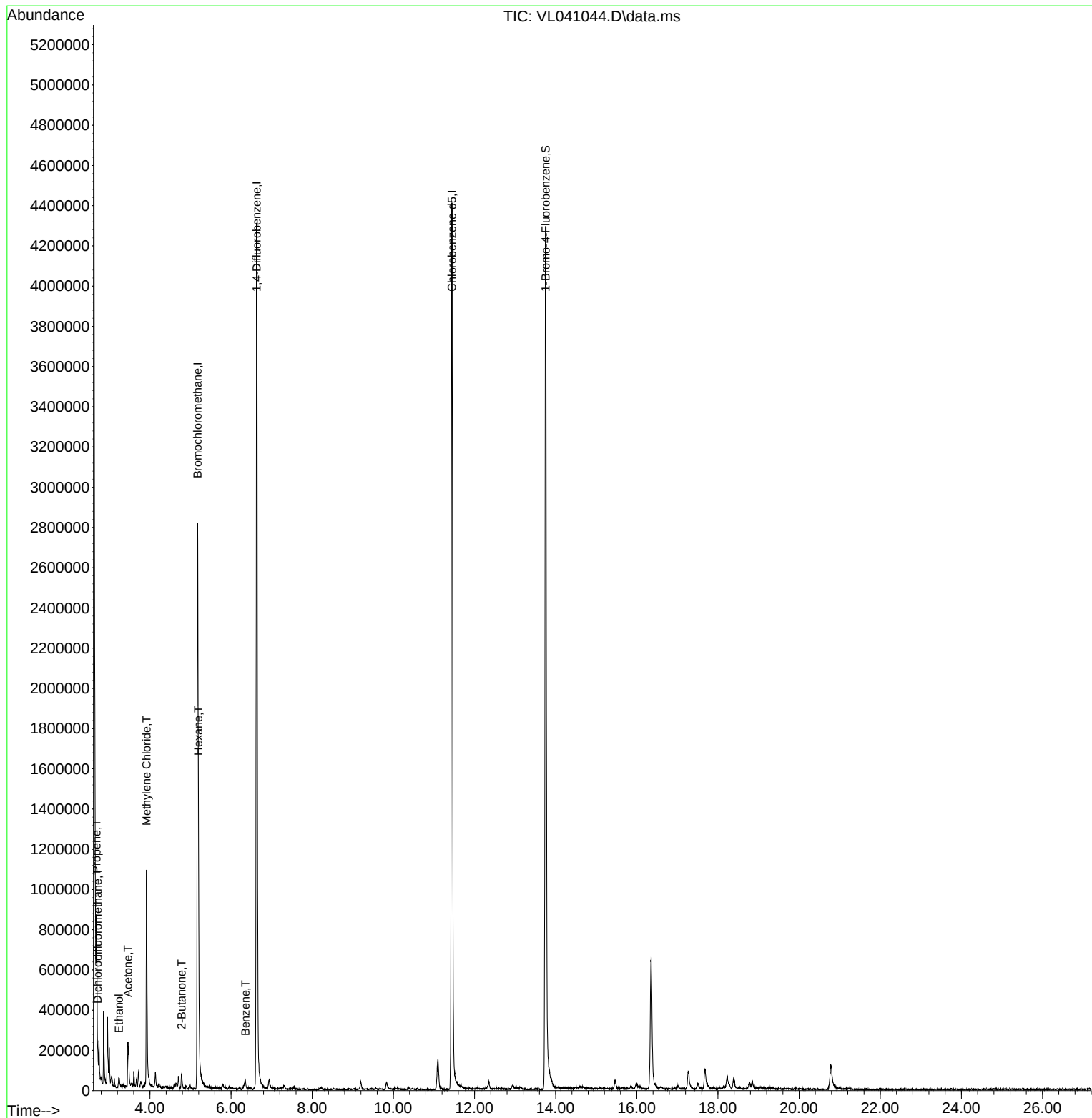
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
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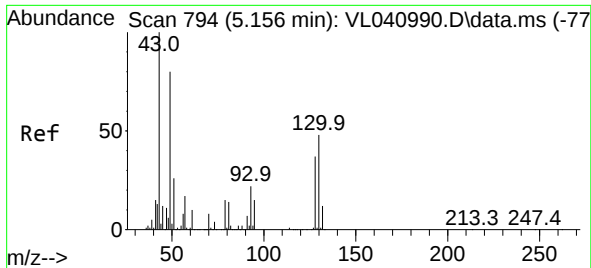
Instrument :
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Quant Time: Feb 08 02:46:00 2024
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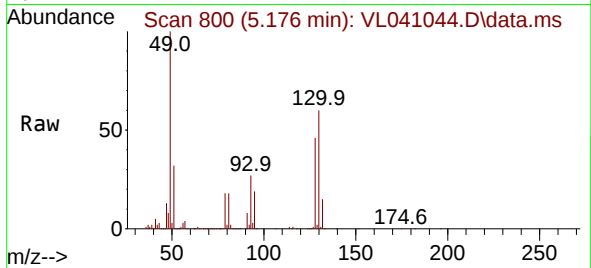
Reviewed By : Semsettin Yesilyurt 02/08/2024
Supervised By : Mahesh Dadoda 02/08/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20

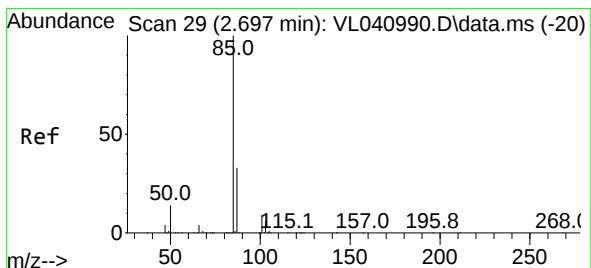
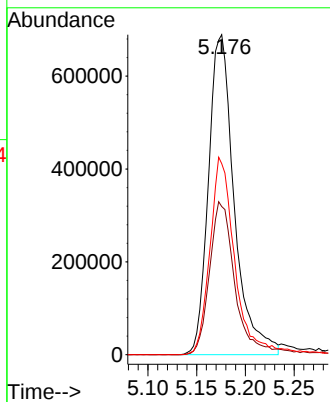
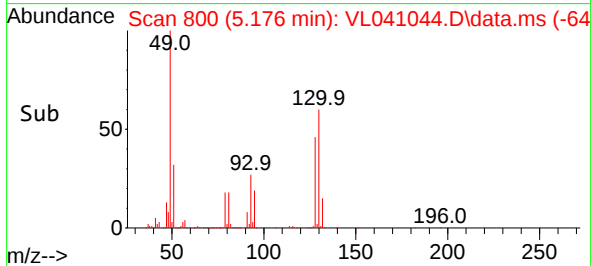
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



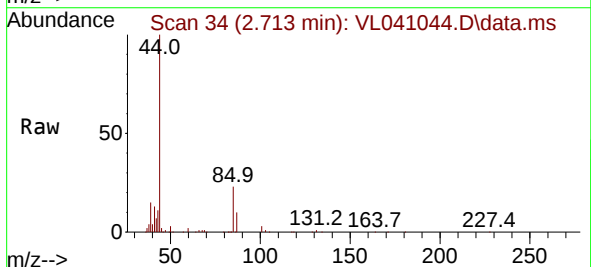
Tgt Ion: 49 Resp: 1269329
Ion Ratio Lower Upper
49 100
128 48.7 23.9 71.7
130 61.2 31.1 93.5

Manual Integrations
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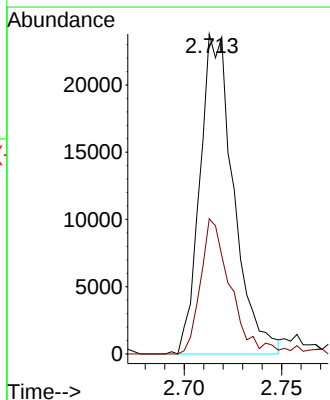
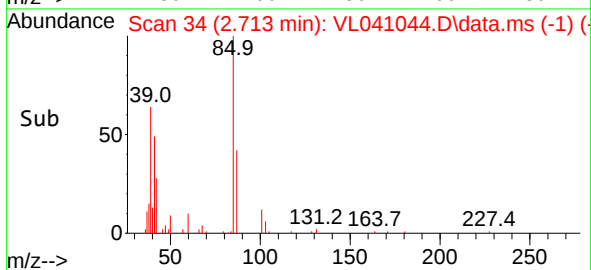
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

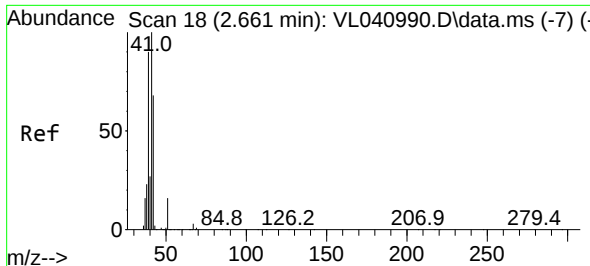


#2
Dichlorodifluoromethane
Concen: 0.102 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.010 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20



Tgt Ion: 85 Resp: 28644
Ion Ratio Lower Upper
85 100
87 42.2 26.3 39.5





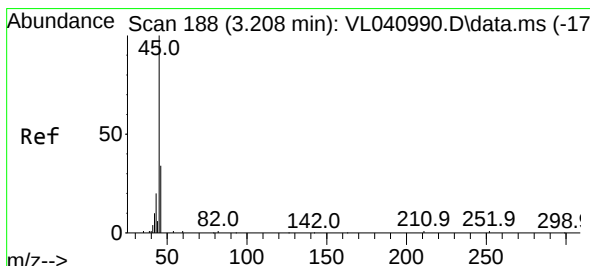
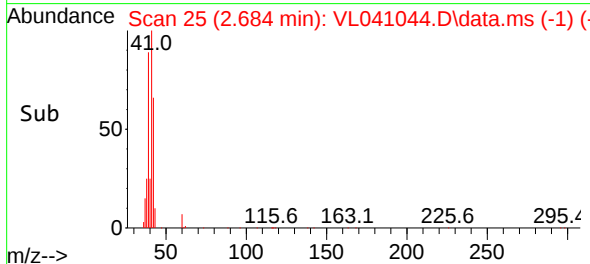
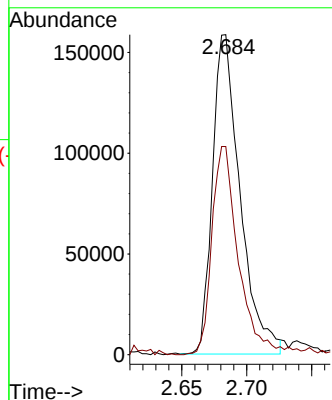
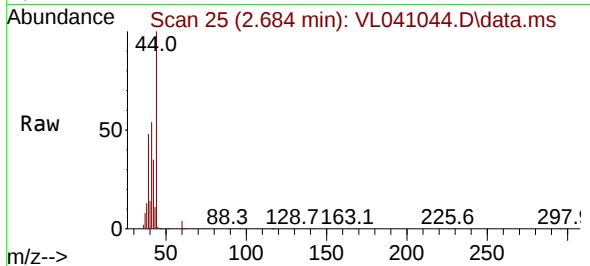
#9
Propene
Concen: 3.343 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 41 Resp: 23412
Ion Ratio Lower Upper
41 100
42 64.6 59.0 88.4

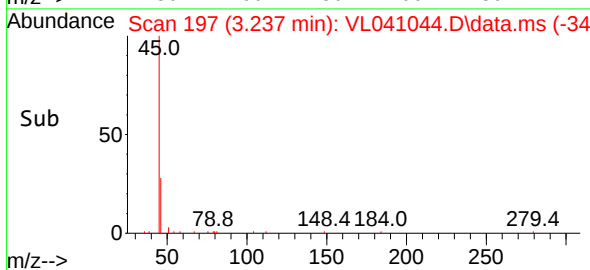
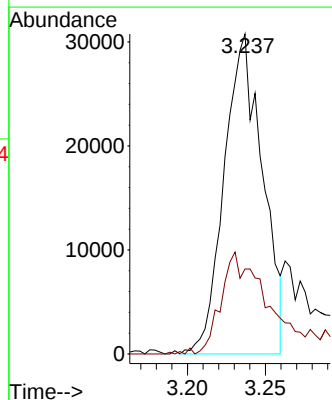
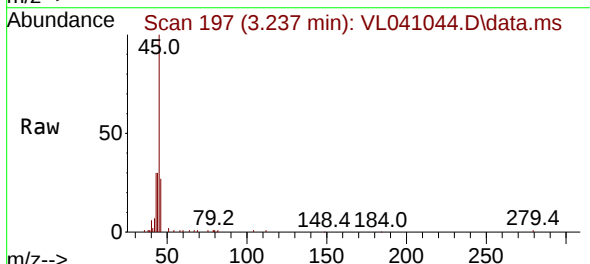
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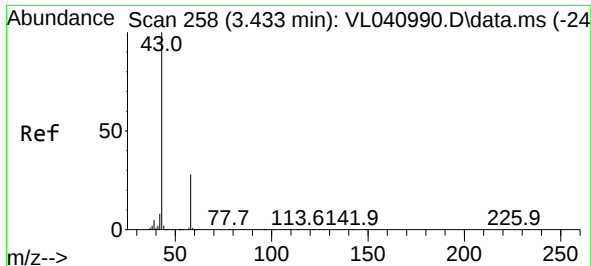
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#13
Ethanol
Concen: 3.150 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.023 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20

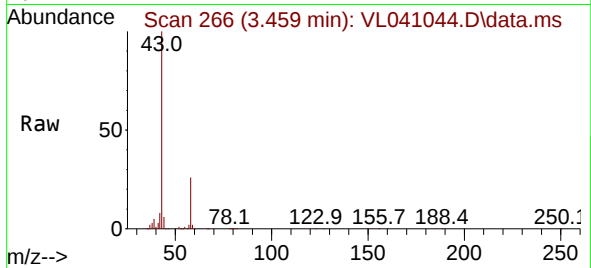
Tgt Ion: 45 Resp: 52579
Ion Ratio Lower Upper
45 100
46 45.1 16.2 64.8





#15
Acetone
Concen: 1.491 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20

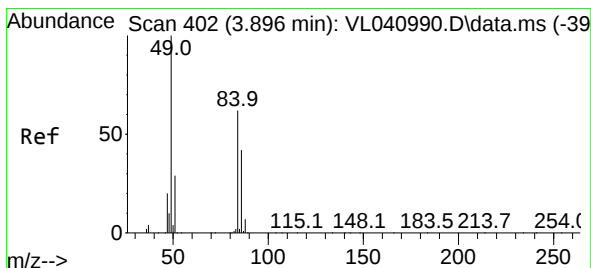
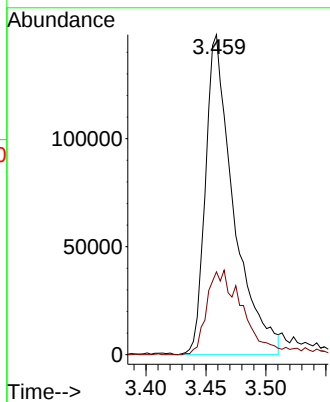
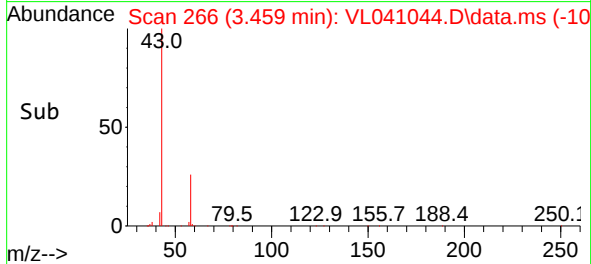
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



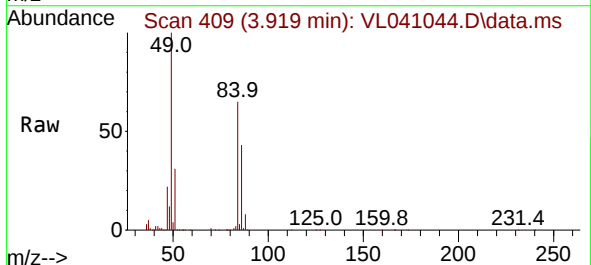
Tgt Ion: 43 Resp: 242040
Ion Ratio Lower Upper
43 100
58 35.5 22.2 33.2

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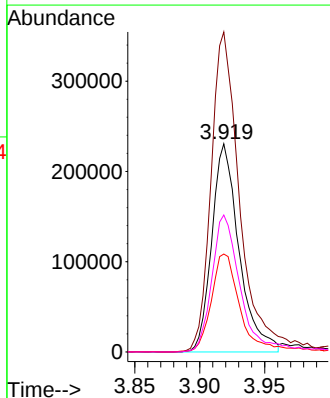
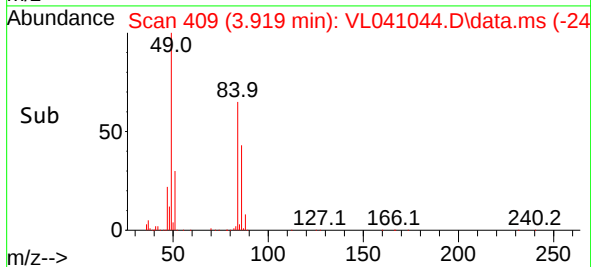
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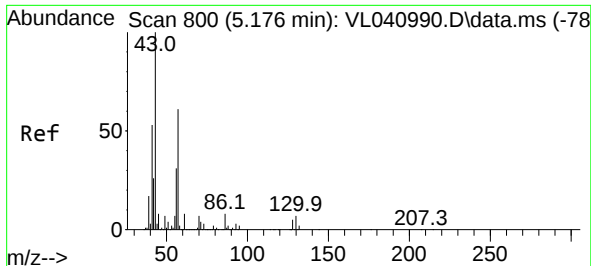


#20
Methylene Chloride
Concen: 5.389 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.013 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20



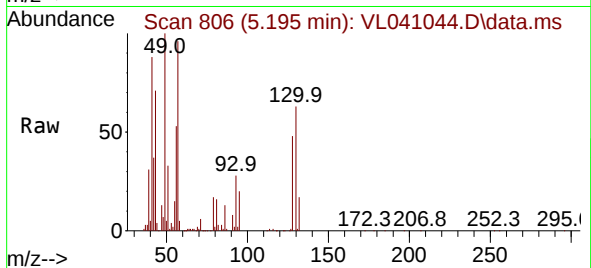
Tgt Ion: 84 Resp: 336617
Ion Ratio Lower Upper
84 100
49 153.6 128.1 192.1
51 46.6 36.5 54.7
86 65.8 54.1 81.1





#26
Hexane
Concen: 2.256 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.010 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20

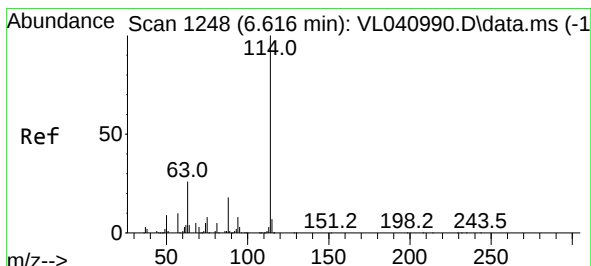
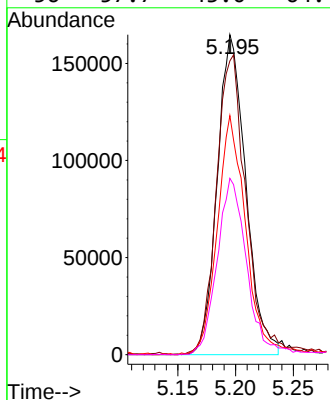
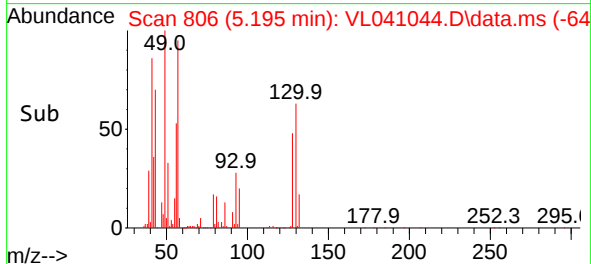
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Client Sample Id :
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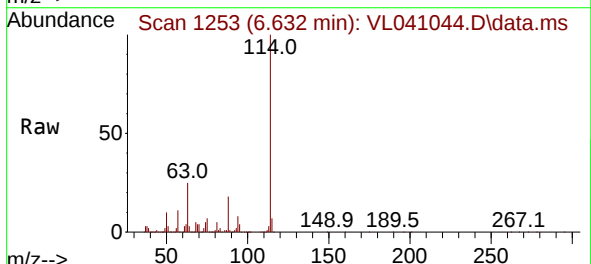
Tgt Ion: 57 Resp: 282985
Ion Ratio Lower Upper
57 100
41 98.5 74.4 111.6
43 75.7 190.6 285.8
56 57.7 43.0 64.4

Manual Integrations
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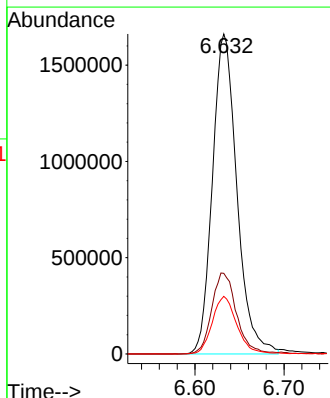
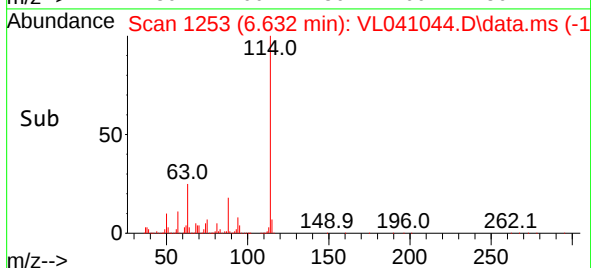
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Supervised By :Mahesh Dadoda 02/08/2024

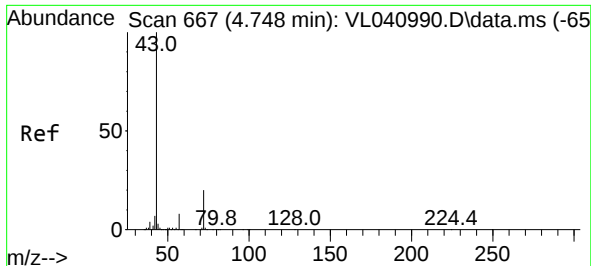


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.007 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20



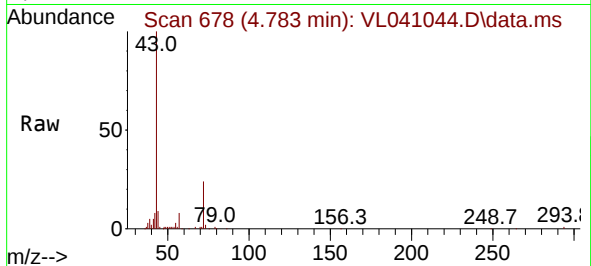
Tgt Ion:114 Resp: 3169762
Ion Ratio Lower Upper
114 100
63 26.1 20.8 31.2
88 18.3 14.3 21.5





#34
2-Butanone
Concen: 0.561 ppbv
RT: 4.783 min Scan# 61
Delta R.T. 0.026 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20

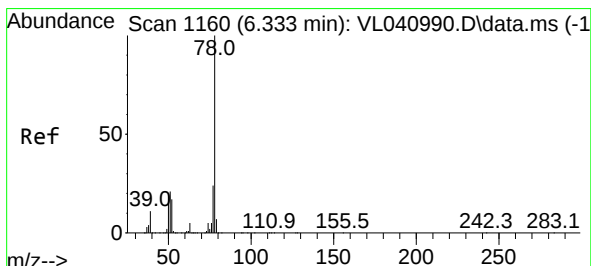
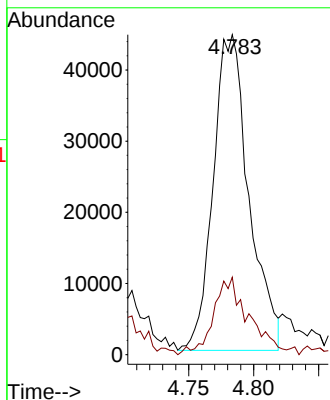
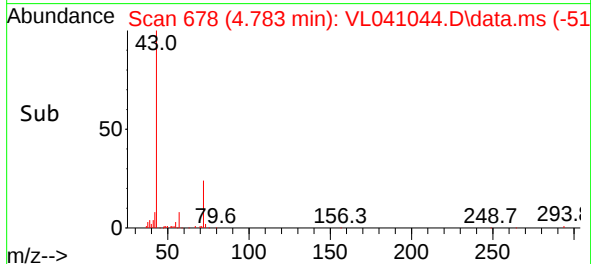
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



Tgt Ion: 43 Resp: 84792
Ion Ratio Lower Upper
43 100
72 26.2 17.5 26.3

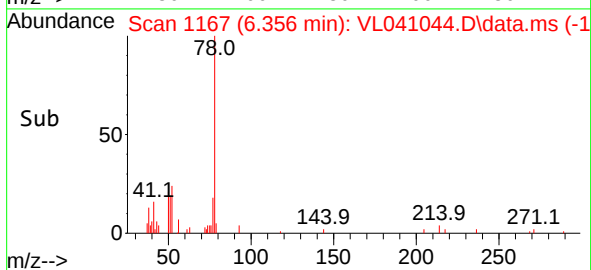
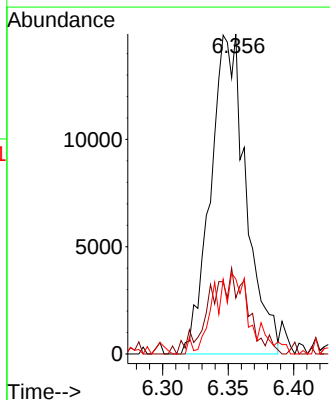
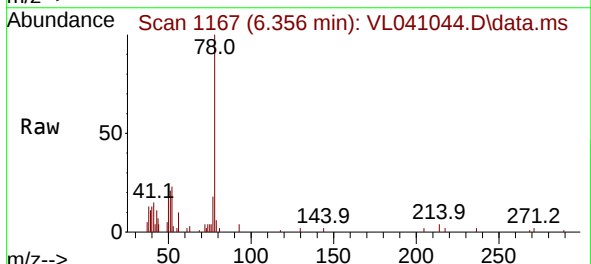
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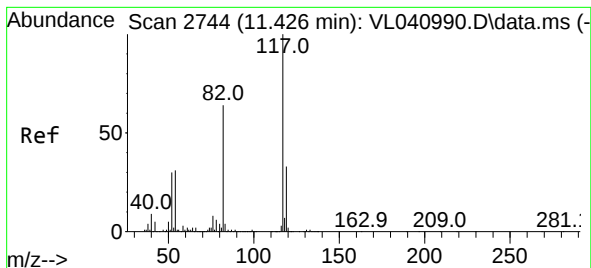
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#36
Benzene
Concen: 0.107 ppbv m
RT: 6.356 min Scan# 1167
Delta R.T. 0.013 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20

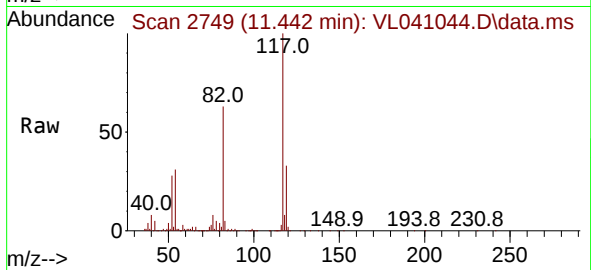
Tgt Ion: 78 Resp: 28016
Ion Ratio Lower Upper
78 100
77 17.5 19.0 28.4#
50 23.4 15.8 23.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20

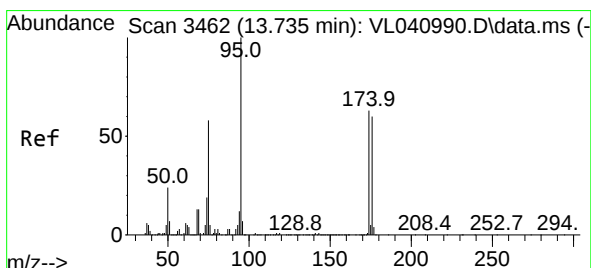
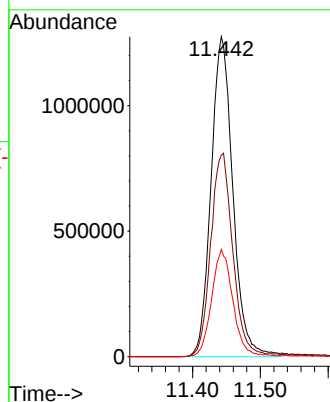
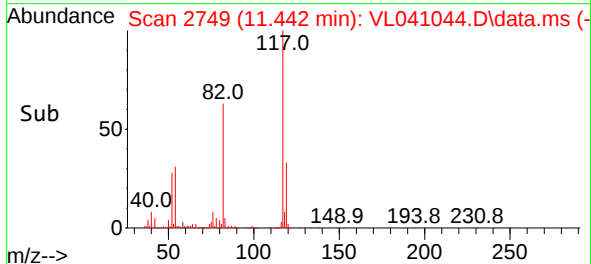
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Tgt Ion: 117 Resp: 2851619
Ion Ratio Lower Upper
117 100
82 65.7 51.7 77.5
119 33.0 23.8 35.6

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/08/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.265 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. 0.007 min
Lab File: VL041044.D
Acq: 7 Feb 2024 17:20

Tgt Ion: 95 Resp: 2210898
Ion Ratio Lower Upper
95 100
174 62.0 49.1 73.7
175 4.6 3.7 5.5

