

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041336.D
 Acq On : 5 Jun 2024 20:53
 Operator : SY/MD
 Sample : P2716-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 04:43:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	923197	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2447637	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.478	117	2210212	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1728623	10.130	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
					Qvalue	
9) Propene	2.735	41	21621m	0.416	ppbv	
13) Ethanol	3.301	45	2127m	0.157	ppbv	
15) Acetone	3.520	43	77173m	0.732	ppbv	
20) Methylene Chloride	3.970	84	7930	0.207	ppbv #	64
26) Hexane	5.243	57	12763m	0.136	ppbv	
34) 2-Butanone	4.835	43	29875m	0.255	ppbv	
53) Toluene	9.237	91	72716	0.333	ppbv	98

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

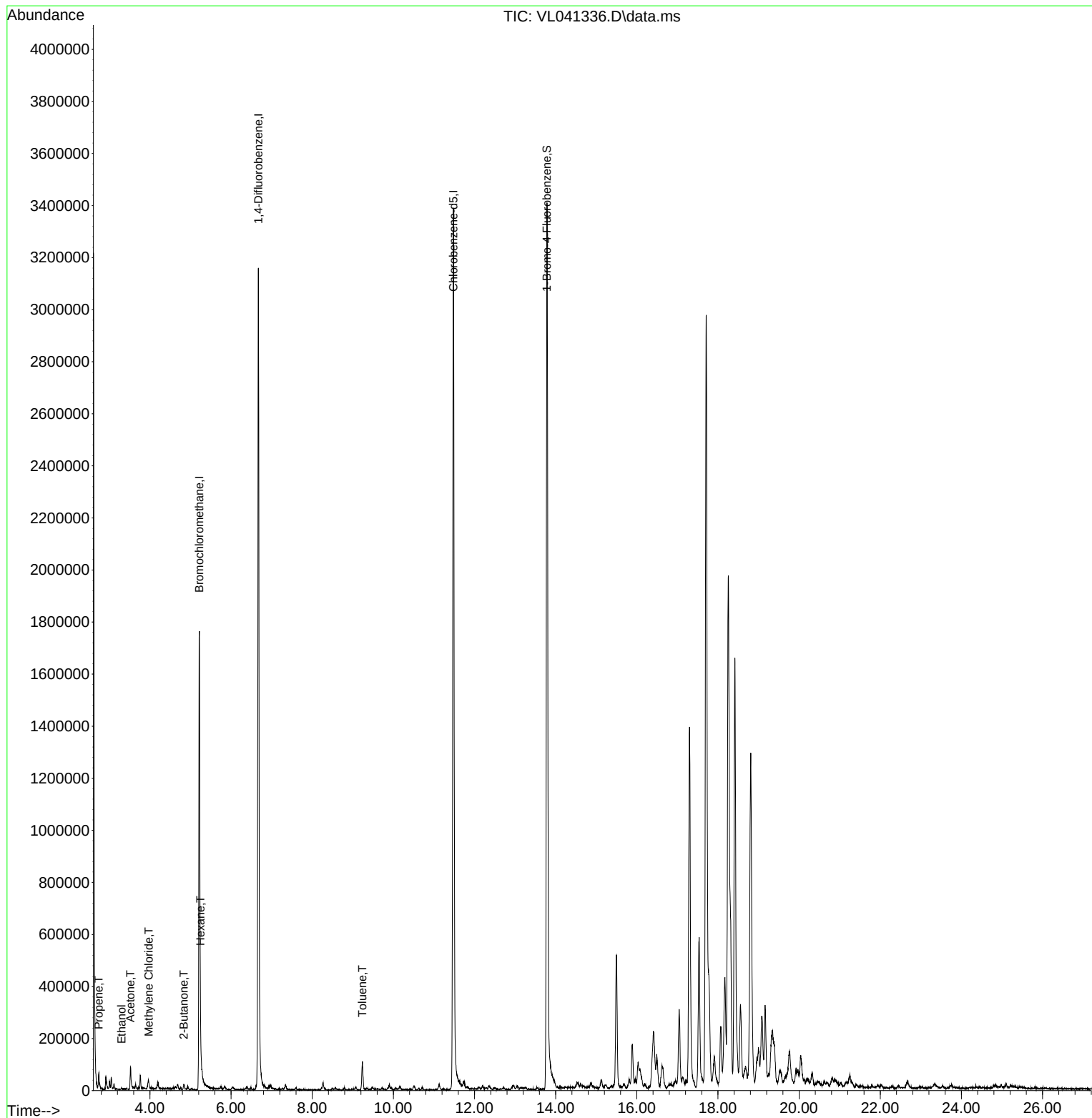
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
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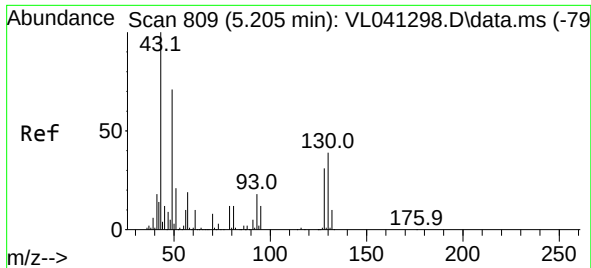
Instrument :
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ClientSampleId :
SV2DL

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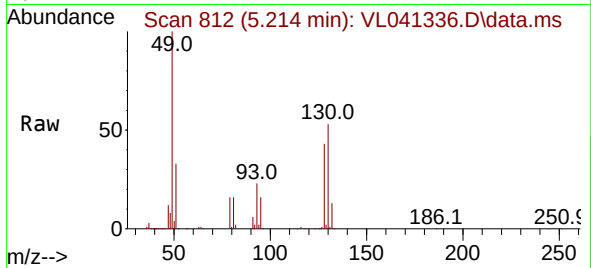
Reviewed By : Semsettin Yesilyurt 06/06/2024
Supervised By : Mahesh Dadoda 06/06/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53

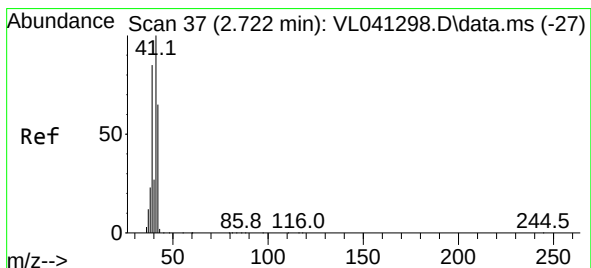
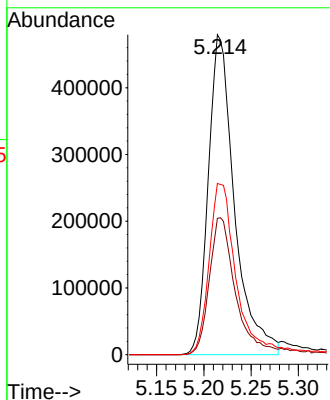
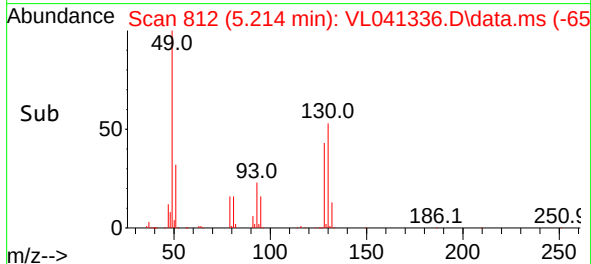
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 49 Resp: 92319
Ion Ratio Lower Upper
49 100
128 44.8 22.8 68.3
130 57.4 28.4 85.3

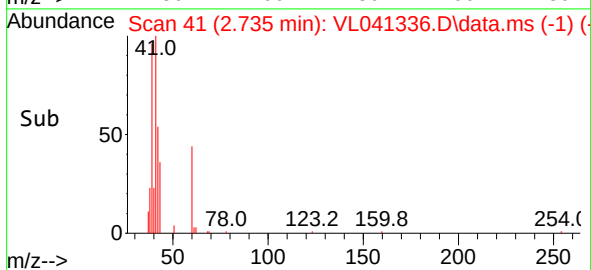
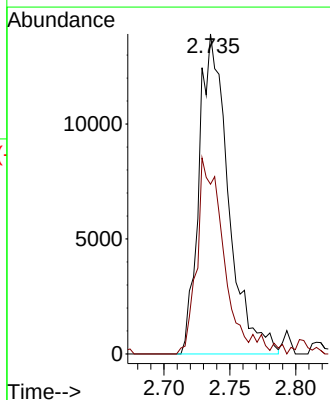
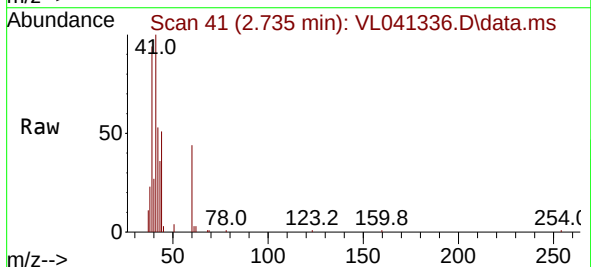
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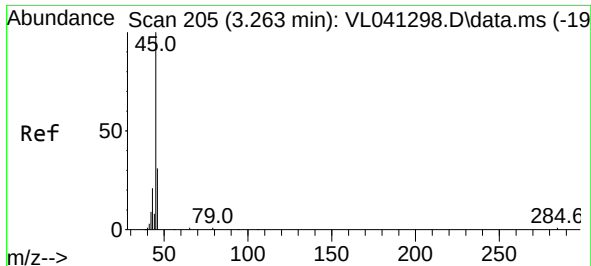
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#9
Propene
Concen: 0.416 ppbv m
RT: 2.735 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53

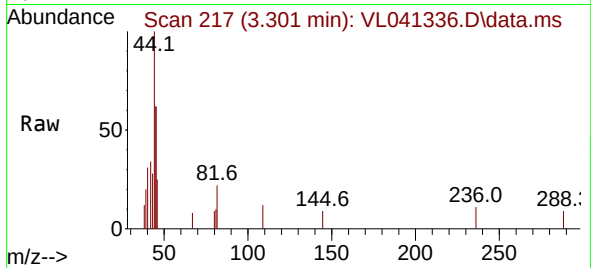
Tgt Ion: 41 Resp: 21621
Ion Ratio Lower Upper
41 100
42 59.2 55.2 82.8





#13
Ethanol
Concen: 0.157 ppbv m
RT: 3.301 min Scan# 217
Delta R.T. 0.039 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53

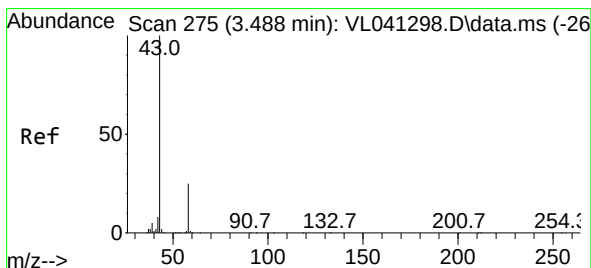
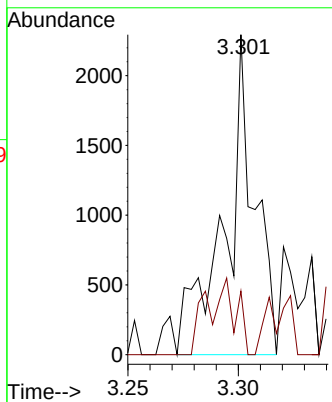
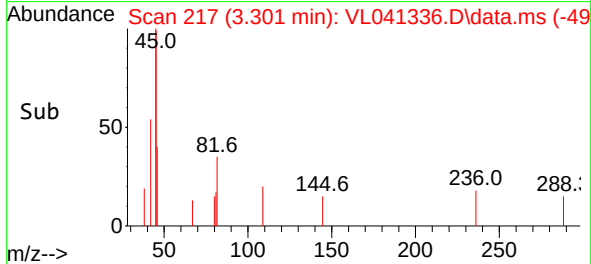
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



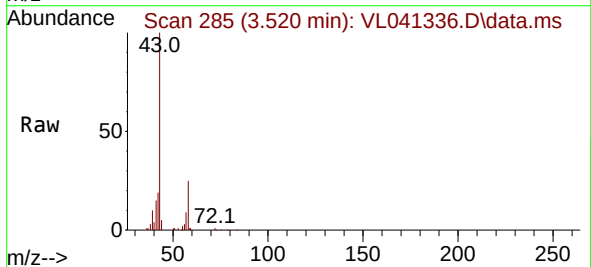
Tgt Ion: 45 Resp: 212
Ion Ratio Lower Upper
45 100
46 0.0 14.2 56.6

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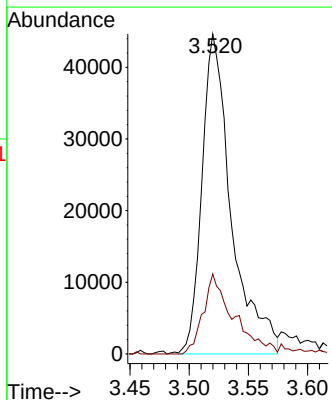
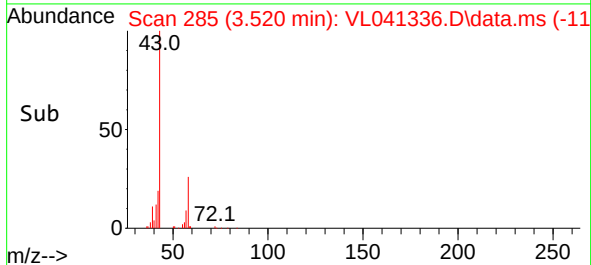
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

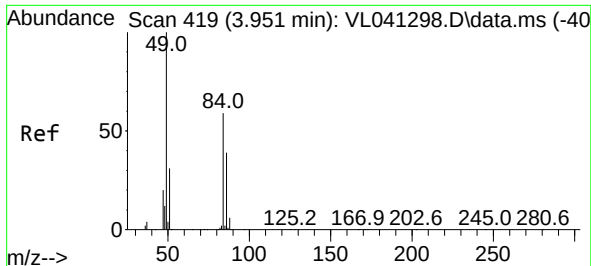


#15
Acetone
Concen: 0.732 ppbv m
RT: 3.520 min Scan# 285
Delta R.T. 0.032 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53



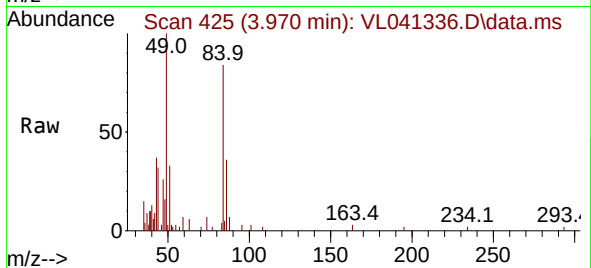
Tgt Ion: 43 Resp: 77173
Ion Ratio Lower Upper
43 100
58 27.8 20.6 31.0





#20
Methylene Chloride
Concen: 0.207 ppbv
RT: 3.970 min Scan# 419
Delta R.T. 0.019 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53

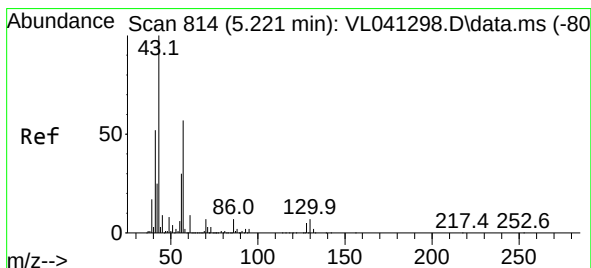
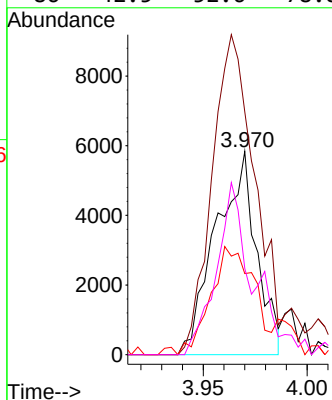
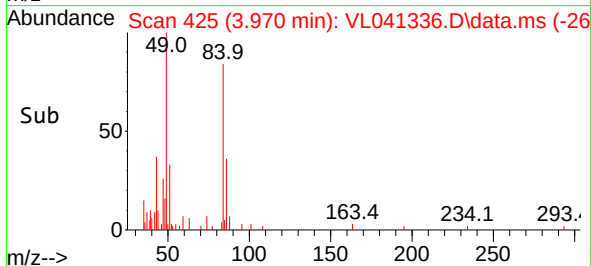
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 84 Resp: 7930
Ion Ratio Lower Upper
84 100
49 110.6 136.2 204.2
51 39.9 41.9 62.9
86 42.5 52.6 78.8

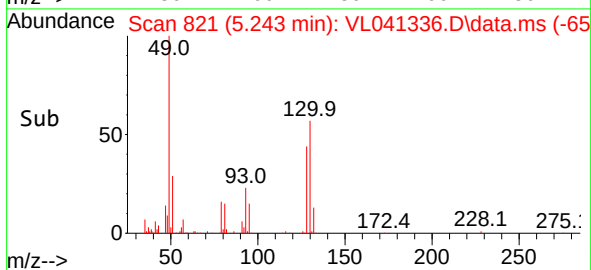
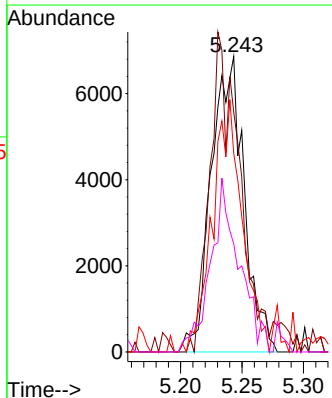
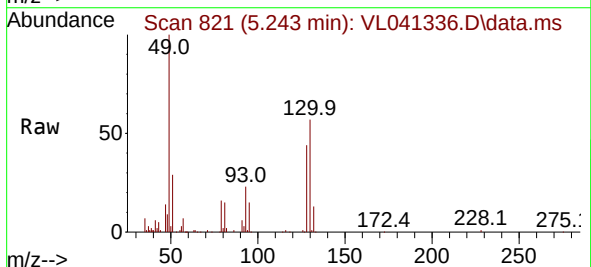
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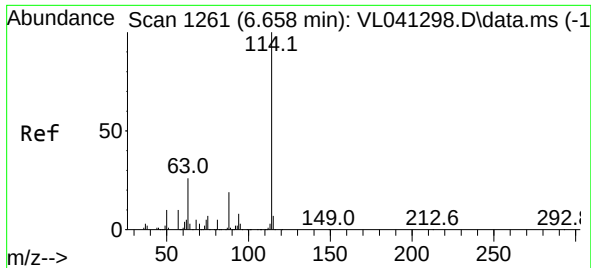
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#26
Hexane
Concen: 0.136 ppbv m
RT: 5.243 min Scan# 821
Delta R.T. 0.022 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53

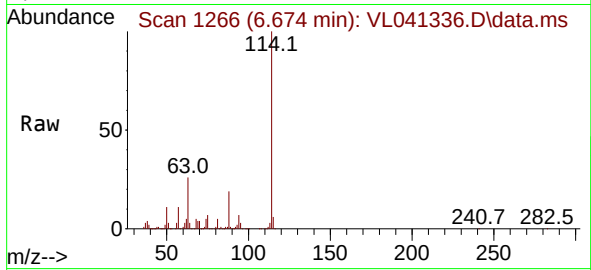
Tgt Ion: 57 Resp: 12763
Ion Ratio Lower Upper
57 100
41 104.2 77.1 115.7
43 0.0 186.1 279.1
56 53.3 42.9 64.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 114
Delta R.T. 0.016 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53

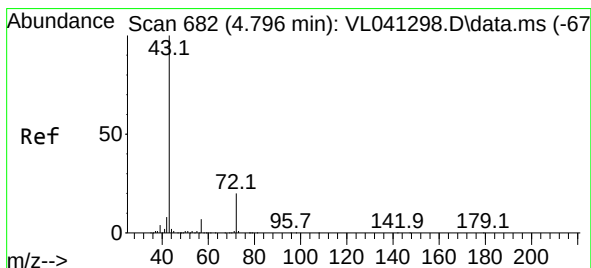
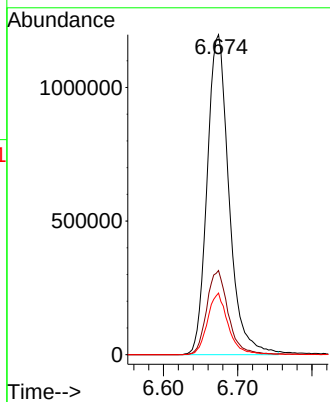
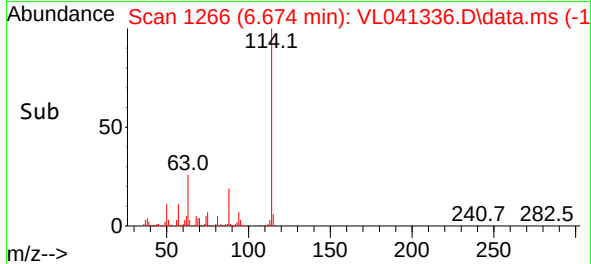
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion:114 Resp: 244763
Ion Ratio Lower Upper
114 100
63 26.2 20.6 30.8
88 18.4 14.5 21.7

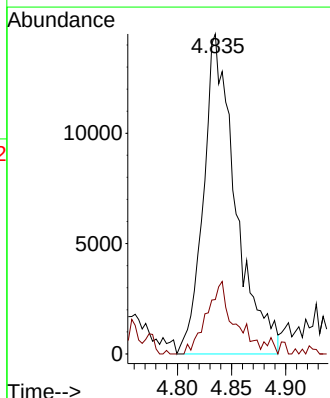
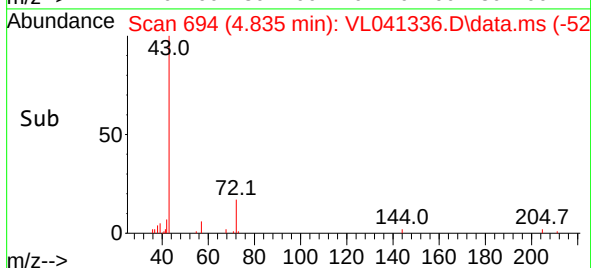
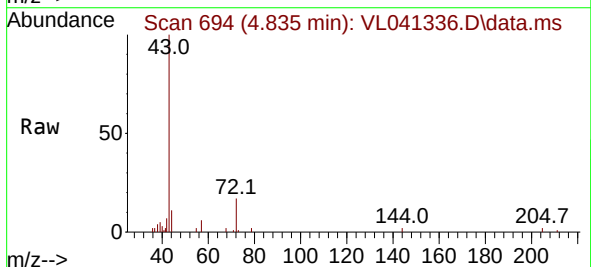
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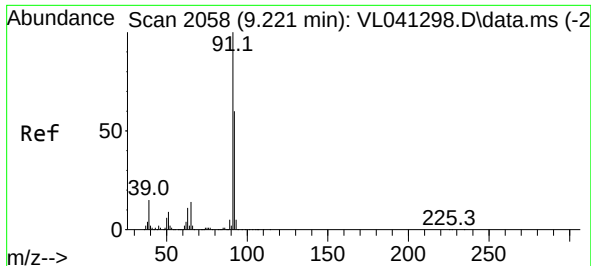
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#34
2-Butanone
Concen: 0.255 ppbv m
RT: 4.835 min Scan# 694
Delta R.T. 0.039 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53

Tgt Ion: 43 Resp: 29875
Ion Ratio Lower Upper
43 100
72 19.3 17.4 26.0





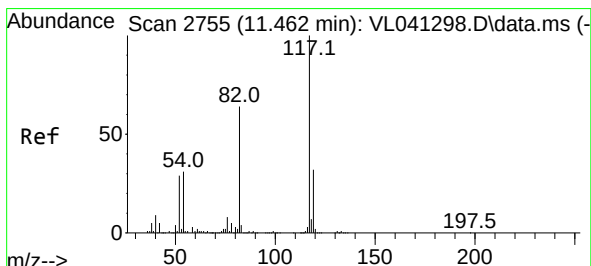
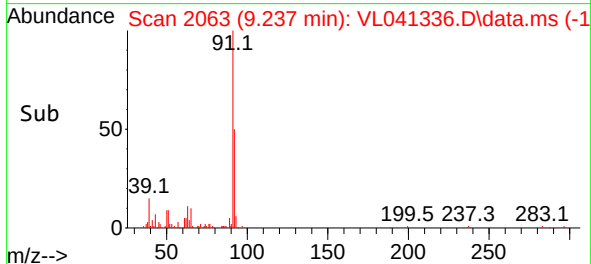
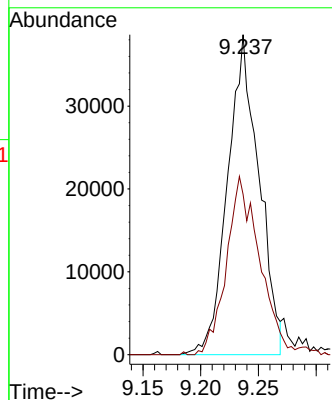
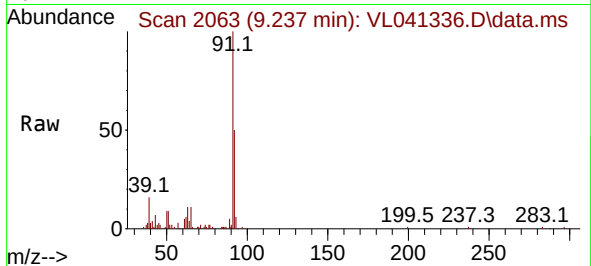
#53
Toluene
Concen: 0.333 ppbv
RT: 9.237 min Scan# 2058
Delta R.T. 0.016 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 91 Resp: 72710
Ion Ratio Lower Upper
91 100
92 60.1 49.2 73.8

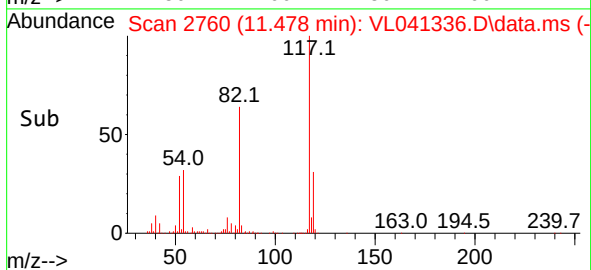
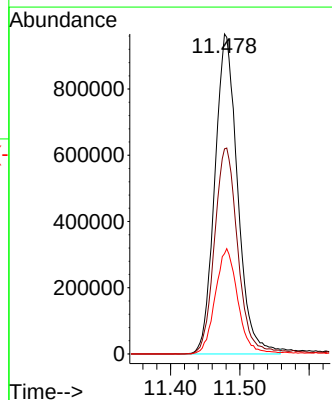
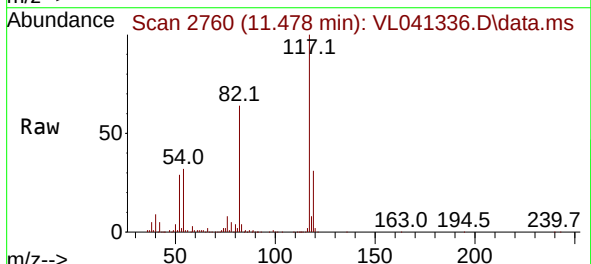
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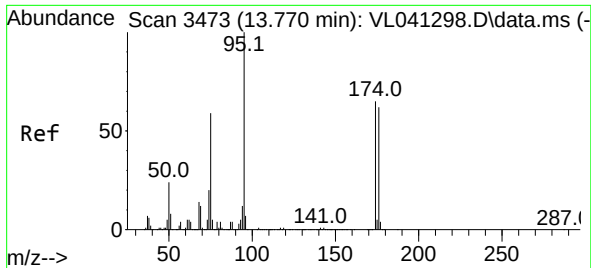
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.016 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53

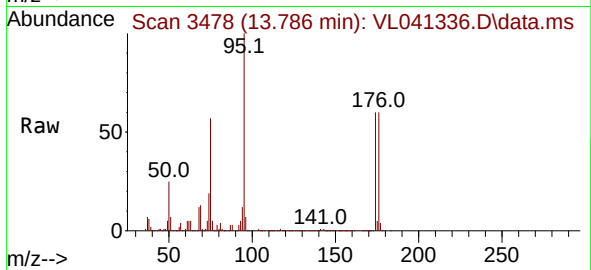
Tgt Ion:117 Resp: 2210212
Ion Ratio Lower Upper
117 100
82 66.5 52.3 78.5
119 33.4 26.2 39.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.130 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.016 min
Lab File: VL041336.D
Acq: 5 Jun 2024 20:53

Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 95 Resp: 172862
Ion Ratio Lower Upper
95 100
174 66.6 52.2 78.2
175 4.9 4.1 6.1

Manual Integrations
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