

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041416.D
 Acq On : 26 Jul 2024 11:25
 Operator : SY/MD
 Sample : P3320-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 29 01:47:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Jul 26 07:31:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1143296	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	3061150	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2834529	10.000	ppbv	#-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2174594	9.969	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						
2) Dichlorodifluoromethane	2.713	85	20200	0.103	ppbv	94
4) Chloromethane	2.796	50	9694	0.134	ppbv	93
9) Propene	2.687	41	11904m	0.190	ppbv	
13) Ethanol	3.227	45	52712	9.433	ppbv	83
15) Acetone	3.456	43	179244	1.380	ppbv	96
19) Isopropyl Alcohol	3.571	45	39029	0.514	ppbv #	95
20) Methylene Chloride	3.915	84	475448	9.815	ppbv	98
26) Hexane	5.198	57	227901	2.129	ppbv #	38

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

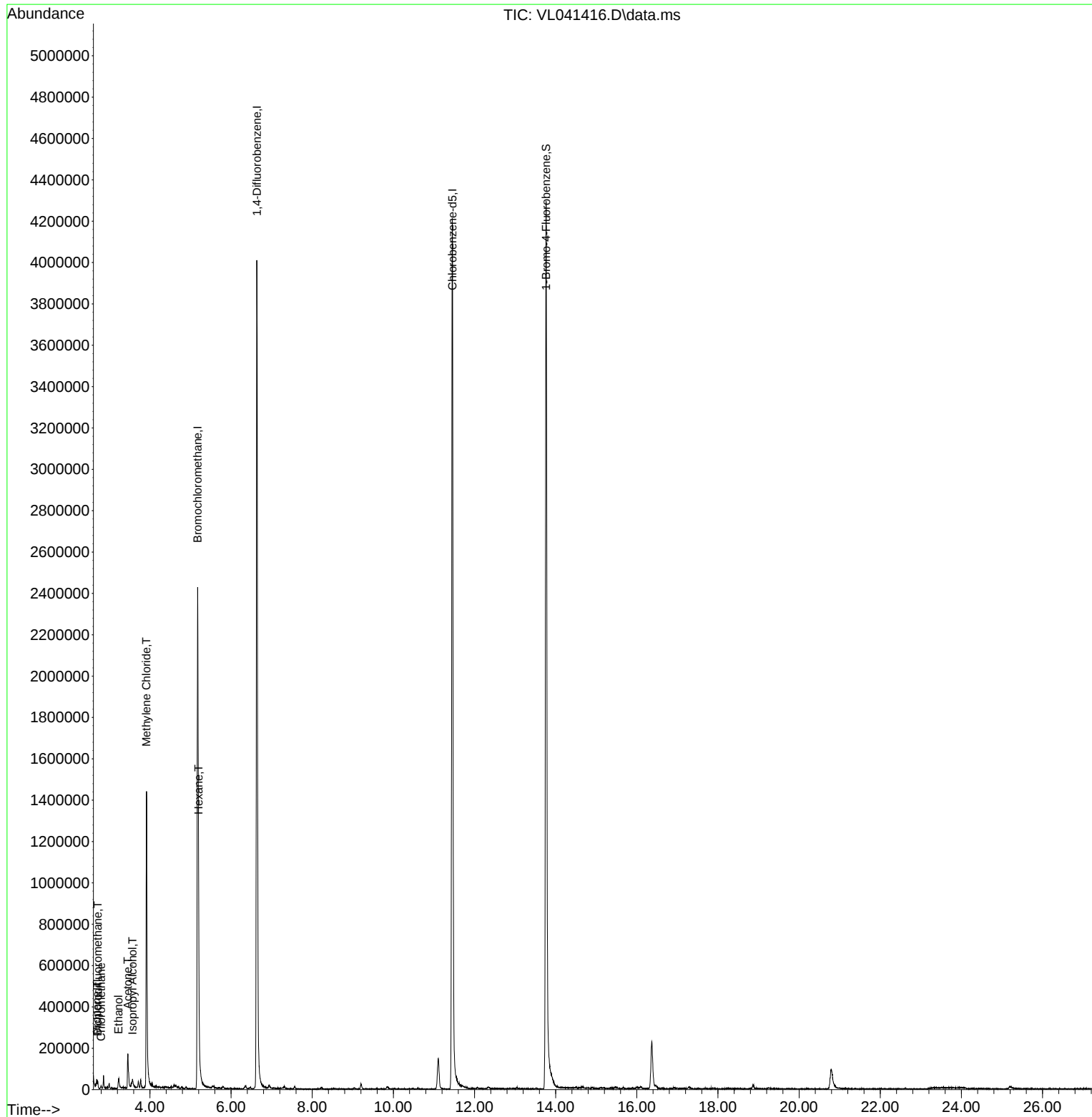
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
Data File : VL041416.D
Acq On : 26 Jul 2024 11:25
Operator : SY/MD
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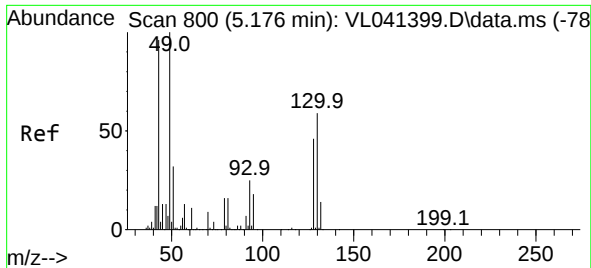
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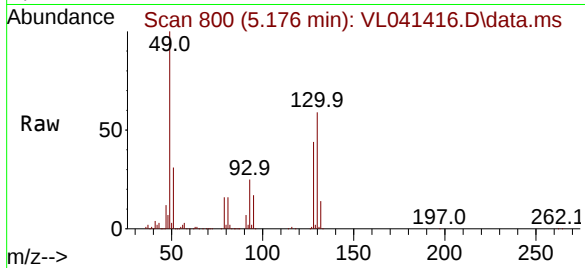
Quant Time: Jul 29 01:47:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Jul 26 07:31:14 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041416.D
Acq: 26 Jul 2024 11:25

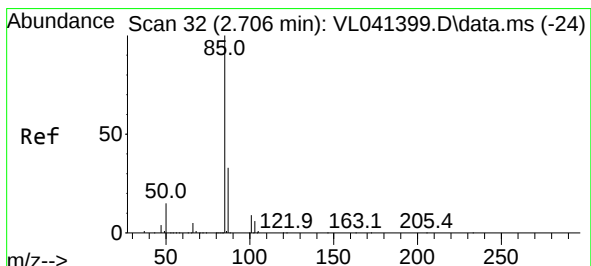
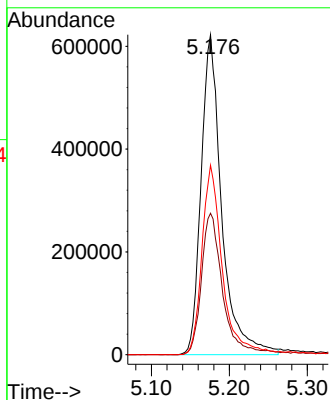
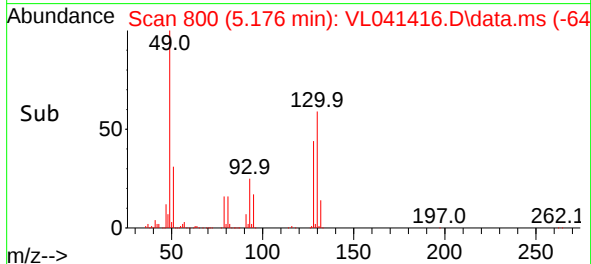
Instrument :
MSVOA_L
ClientSampleId :
2DL



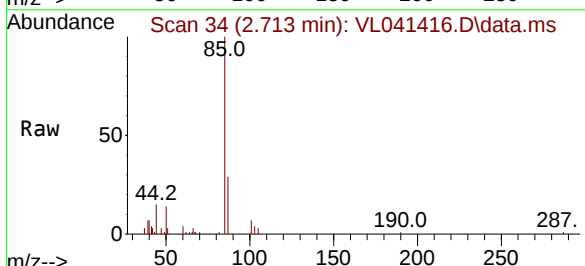
Tgt Ion: 49 Resp: 1143290
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.4
130 60.3 30.8 92.4

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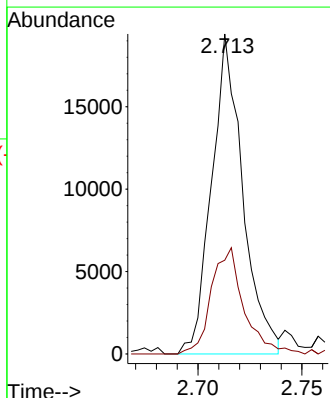
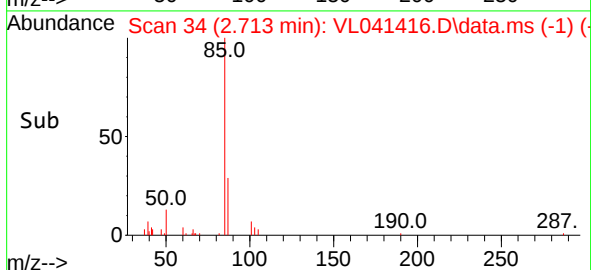
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

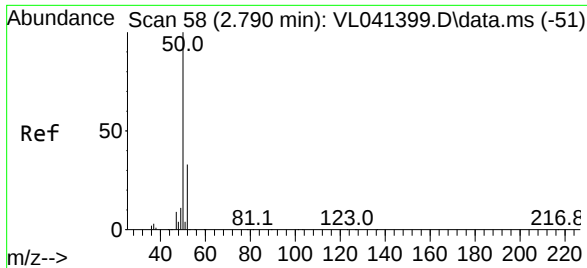


#2
Dichlorodifluoromethane
Concen: 0.103 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.006 min
Lab File: VL041416.D
Acq: 26 Jul 2024 11:25



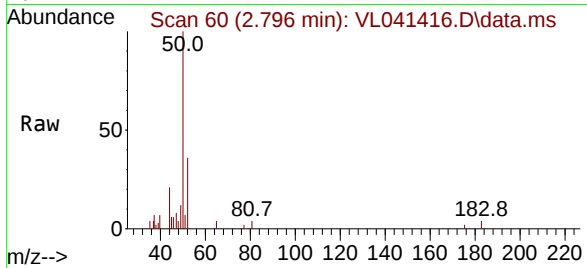
Tgt Ion: 85 Resp: 20200
Ion Ratio Lower Upper
85 100
87 29.3 26.0 39.0





#4
Chloromethane
Concen: 0.134 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.006 min
Lab File: VL041416.D
Acq: 26 Jul 2024 11:25

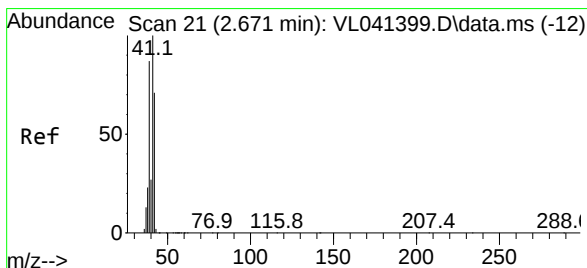
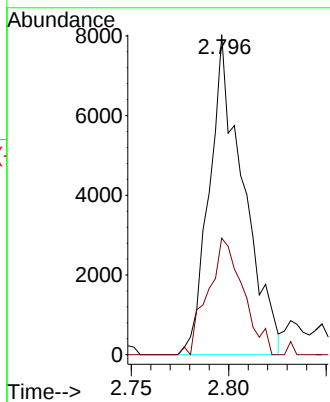
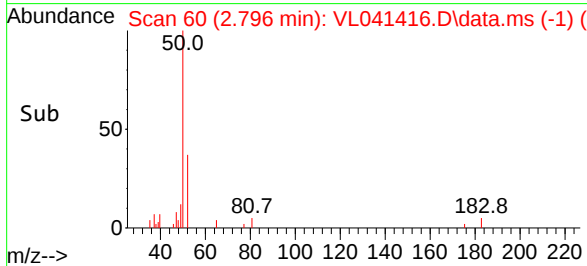
Instrument :
MSVOA_L
ClientSampleId :
2DL



Tgt Ion: 50 Resp: 9694
Ion Ratio Lower Upper
50 100
52 36.4 26.1 39.1

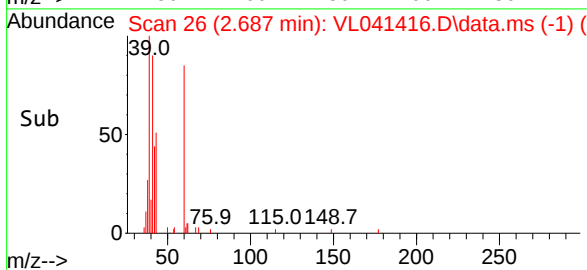
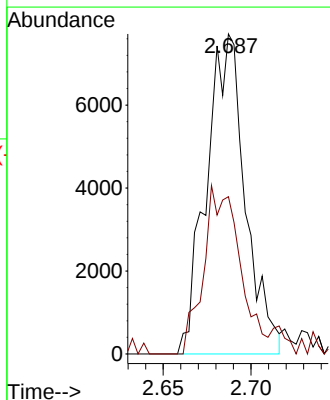
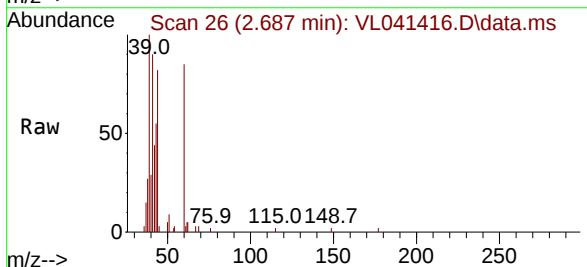
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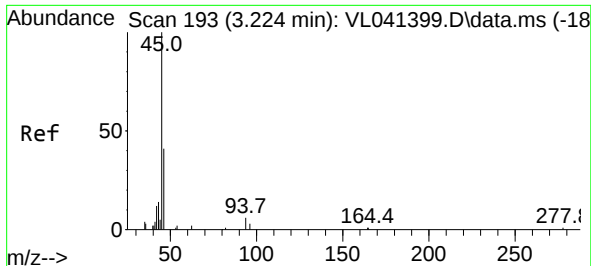
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#9
Propene
Concen: 0.190 ppbv m
RT: 2.687 min Scan# 26
Delta R.T. 0.016 min
Lab File: VL041416.D
Acq: 26 Jul 2024 11:25

Tgt Ion: 41 Resp: 11904
Ion Ratio Lower Upper
41 100
42 53.9 55.9 83.9#





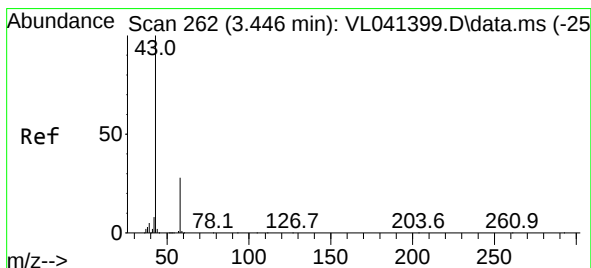
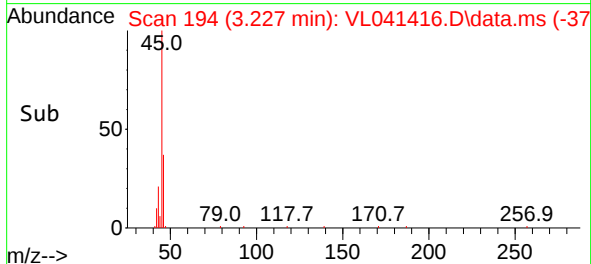
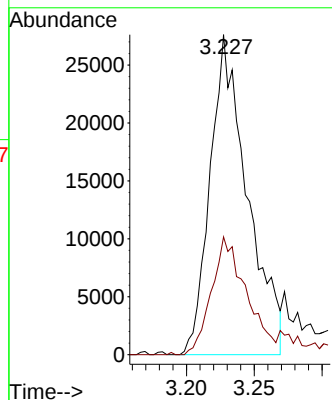
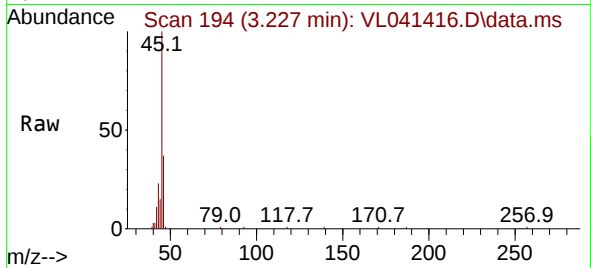
#13
Ethanol
Concen: 9.433 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.003 min
Lab File: VL041416.D
Acq: 26 Jul 2024 11:25

Instrument :
MSVOA_L
ClientSampleId :
2DL

Tgt Ion: 45 Resp: 52712
Ion Ratio Lower Upper
45 100
46 42.9 13.4 53.4

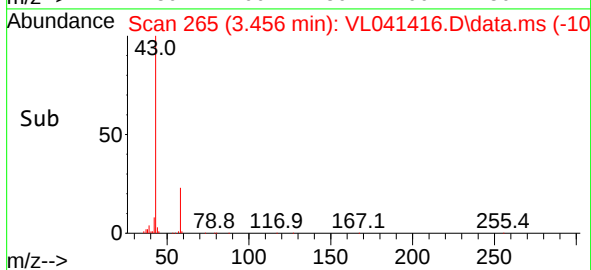
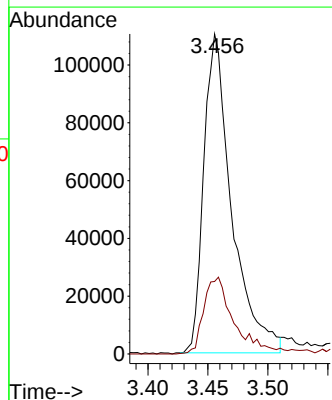
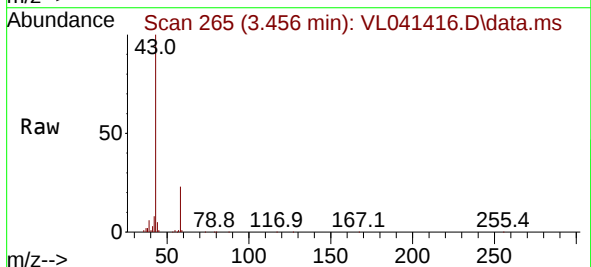
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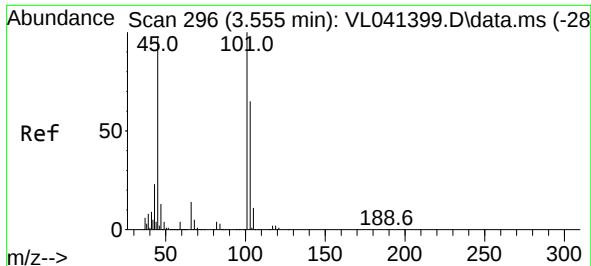
Reviewed By :Semsettin Yesilyurt 07/29/2024
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#15
Acetone
Concen: 1.380 ppbv
RT: 3.456 min Scan# 265
Delta R.T. 0.010 min
Lab File: VL041416.D
Acq: 26 Jul 2024 11:25

Tgt Ion: 43 Resp: 179244
Ion Ratio Lower Upper
43 100
58 29.0 21.4 32.2





#19

Isopropyl Alcohol

Concen: 0.514 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.016 min

Lab File: VL041416.D

Acq: 26 Jul 2024 11:25

Instrument :

MSVOA_L

ClientSampleId :

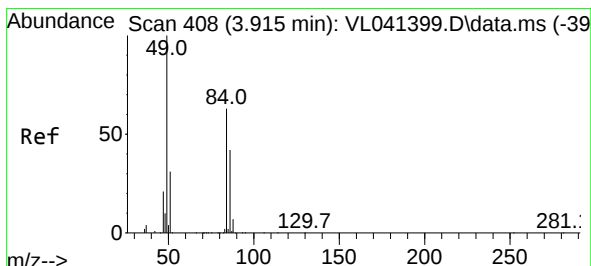
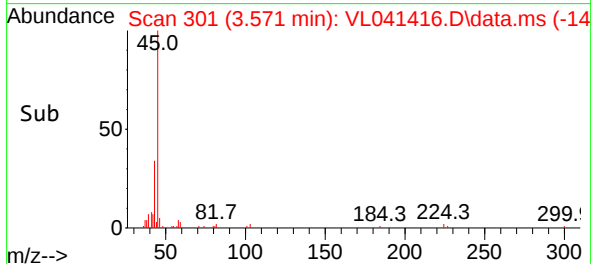
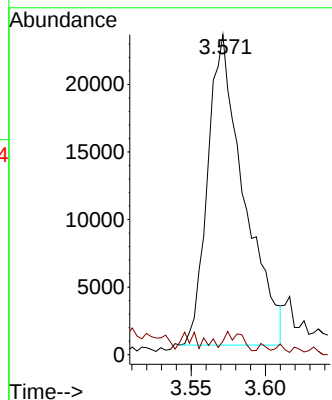
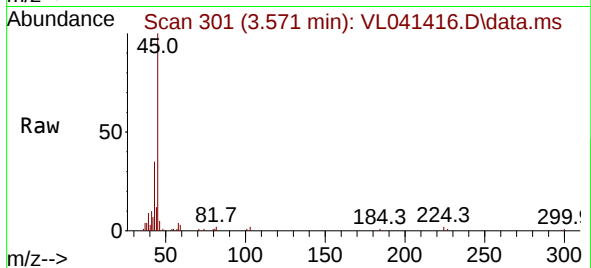
2DL

Tgt Ion: 45 Resp: 39029
 Ion Ratio Lower Upper
 45 100
 58 4.2 1.9 2.9

Manual Integrations

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 Supervised By :Mahesh Dadoda 07/29/2024



#20

Methylene Chloride

Concen: 9.815 ppbv

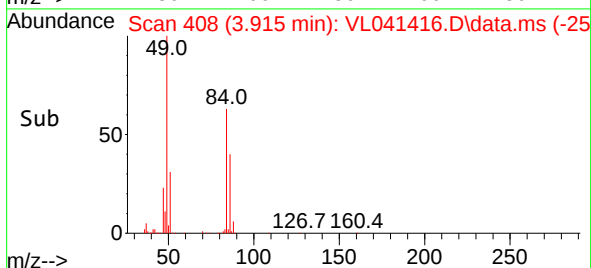
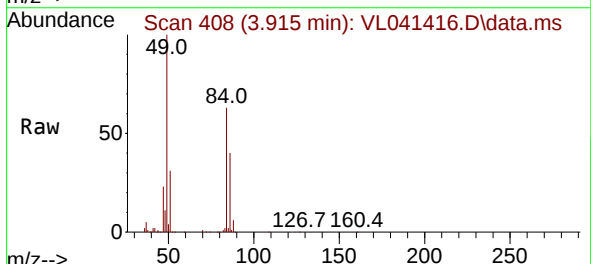
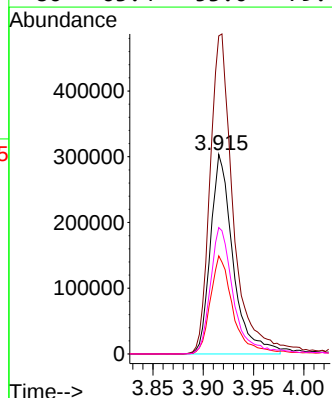
RT: 3.915 min Scan# 408

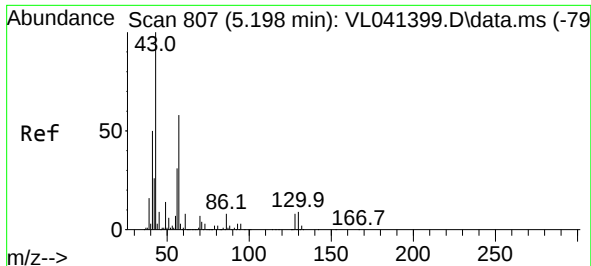
Delta R.T. 0.000 min

Lab File: VL041416.D

Acq: 26 Jul 2024 11:25

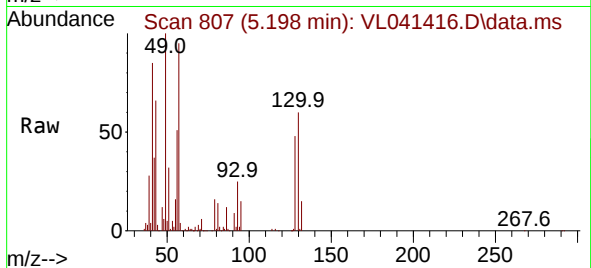
Tgt Ion: 84 Resp: 475448
 Ion Ratio Lower Upper
 84 100
 49 159.4 126.6 190.0
 51 49.1 38.6 58.0
 86 63.4 53.0 79.4





#26
Hexane
Concen: 2.129 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL041416.D
Acq: 26 Jul 2024 11:25

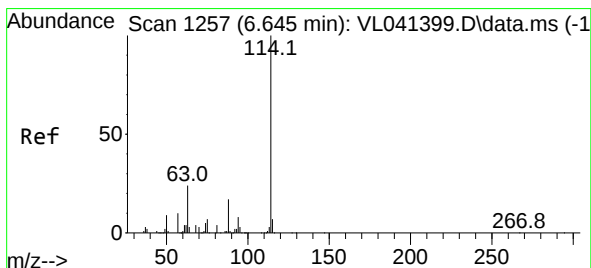
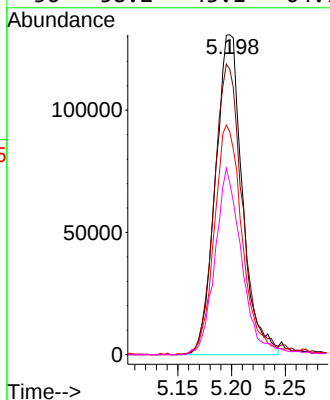
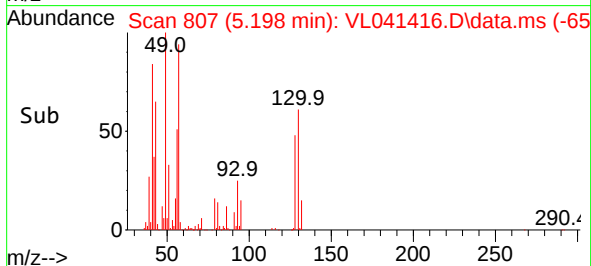
Instrument :
MSVOA_L
ClientSampleId :
2DL



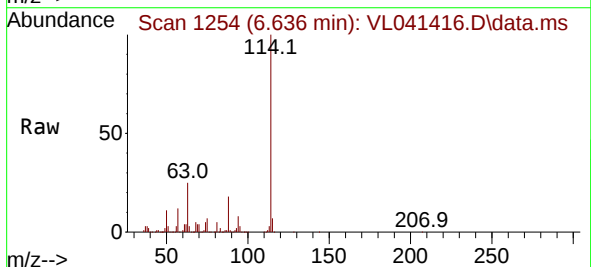
Tgt Ion: 57 Resp: 227900
Ion Ratio Lower Upper
57 100
41 97.8 74.0 111.0
43 76.7 193.6 290.4
56 58.2 43.1 64.7

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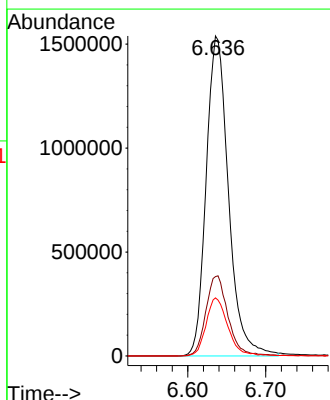
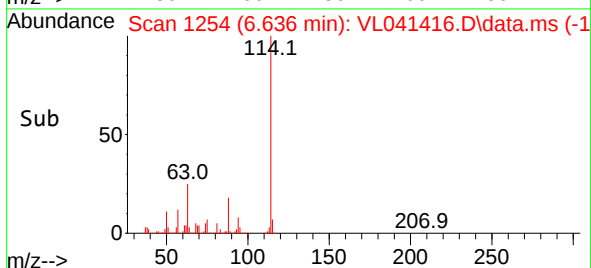
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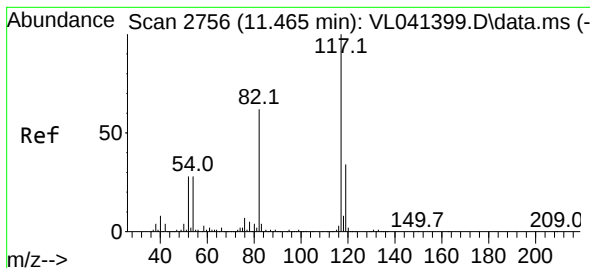


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.636 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VL041416.D
Acq: 26 Jul 2024 11:25



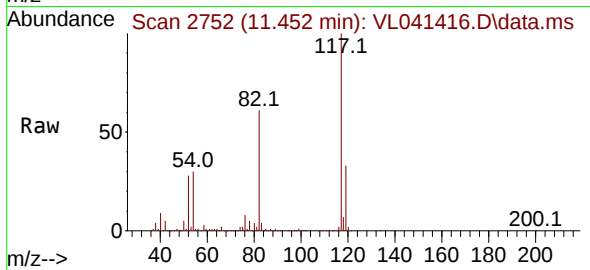
Tgt Ion:114 Resp: 3061150
Ion Ratio Lower Upper
114 100
63 25.1 20.3 30.5
88 18.0 14.3 21.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL041416.D
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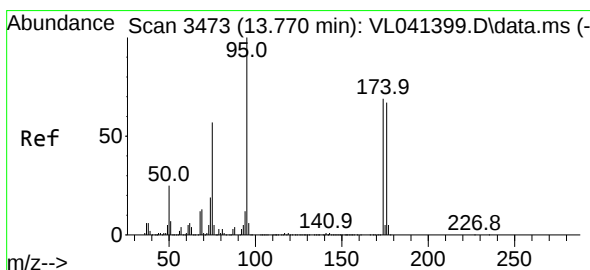
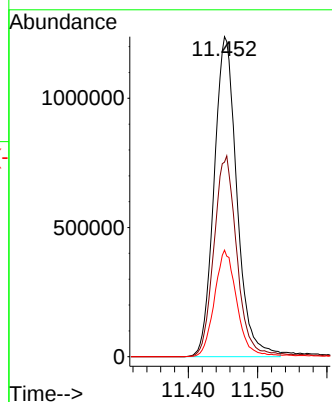
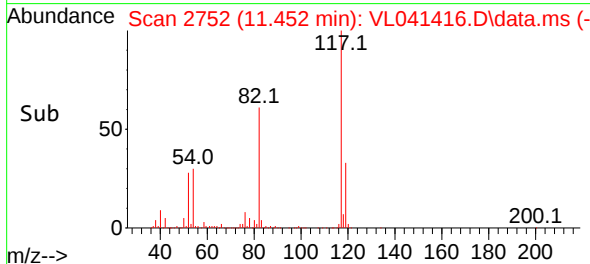
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Tgt Ion: 117 Resp: 2834529
Ion Ratio Lower Upper
117 100
82 64.4 51.0 76.6
119 33.4 45.2 67.8

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.969 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.006 min
Lab File: VL041416.D
Acq: 26 Jul 2024 11:25

Tgt Ion: 95 Resp: 2174594
Ion Ratio Lower Upper
95 100
174 72.0 56.3 84.5
175 5.2 4.0 6.0

