

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041531.D
 Acq On : 12 Aug 2024 11:24
 Operator : SY/MD
 Sample : P3496-07DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

Quant Time: Aug 13 02:12:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 9 2024
 QLast Update : Tue Aug 13 02:09:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1034566	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2697928	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2499657	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1878821	9.767	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.739	85	42167	0.237	ppbv	94
3) Chlorodifluoromethane	2.681	51	12295	0.100	ppbv	100
9) Propene	2.713	41	974205m	17.219	ppbv	
10) Heptane	7.581	43	51949	0.409	ppbv	94
13) Ethanol	3.253	45	107944	21.347	ppbv	92
15) Acetone	3.472	43	1043647	8.878	ppbv #	78
20) Methylene Chloride	3.938	84	45653	1.041	ppbv	96
26) Hexane	5.214	57	49564	0.512	ppbv #	4
30) Cyclohexane	6.603	84	14394m	0.182	ppbv	
34) 2-Butanone	4.787	43	2032897	15.577	ppbv	100

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

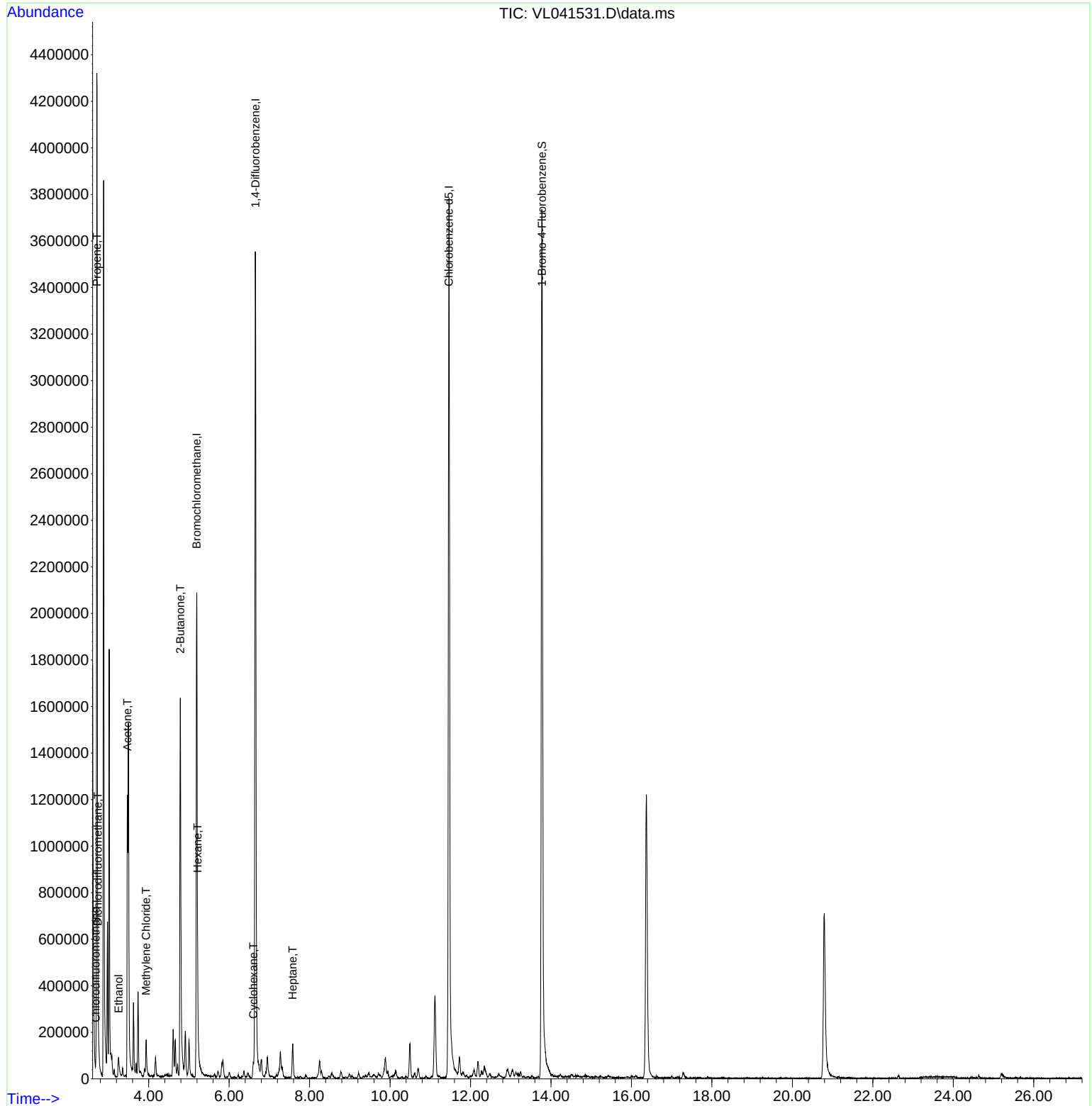
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
Data File : VL041531.D
Acq On : 12 Aug 2024 11:24
Operator : SY/MD
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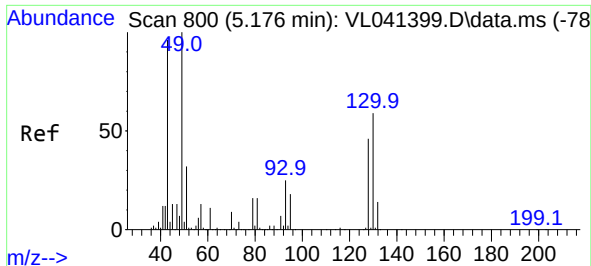
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Quant Time: Aug 13 02:12:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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QLast Update : Tue Aug 13 02:09:20 2024
Response via : Initial Calibration

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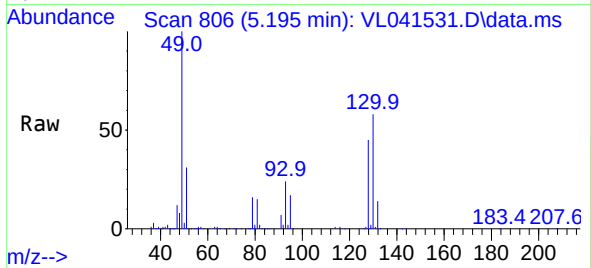
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

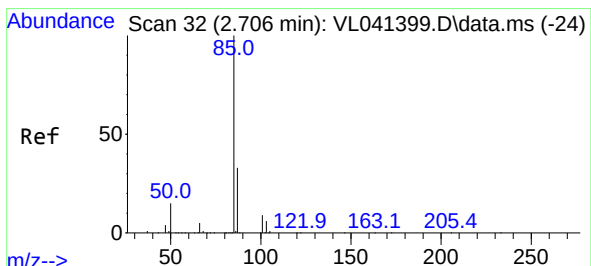
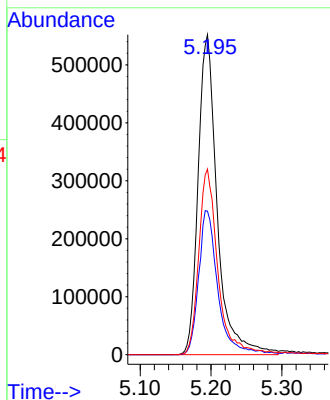
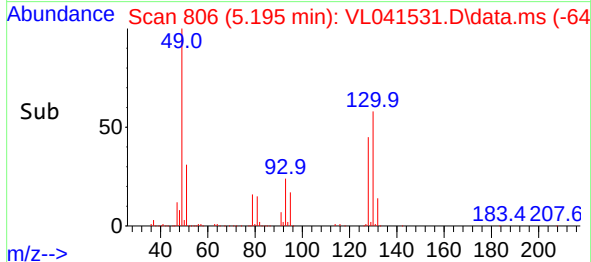
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



Tgt Ion: 49 Resp: 103456
Ion Ratio Lower Upper
49 100
128 45.5 23.8 71.4
130 59.6 30.8 92.4

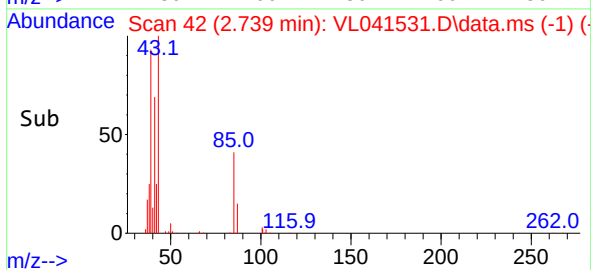
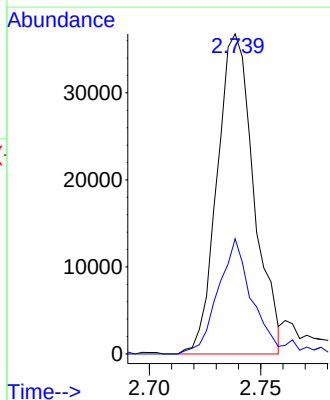
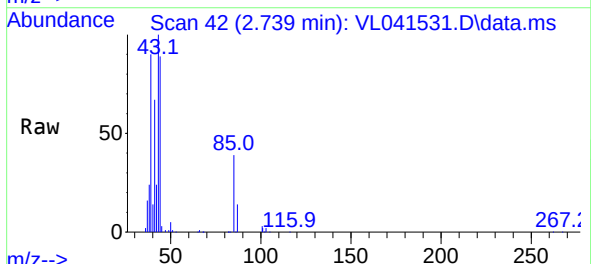
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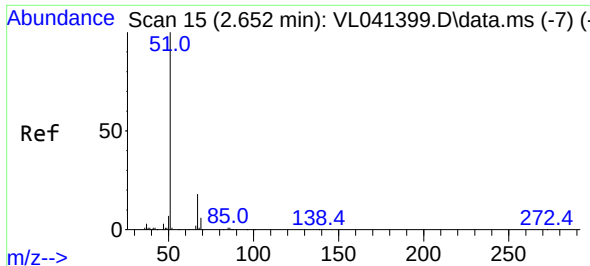
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#2
Dichlorodifluoromethane
Concen: 0.237 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.010 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

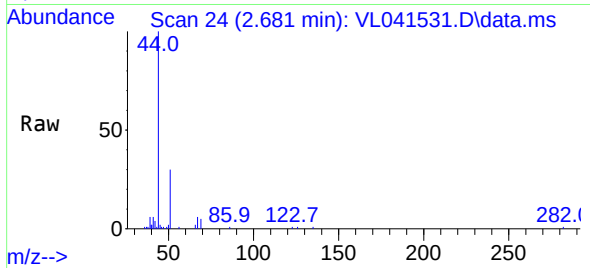
Tgt Ion: 85 Resp: 42167
Ion Ratio Lower Upper
85 100
87 36.0 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.100 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.007 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

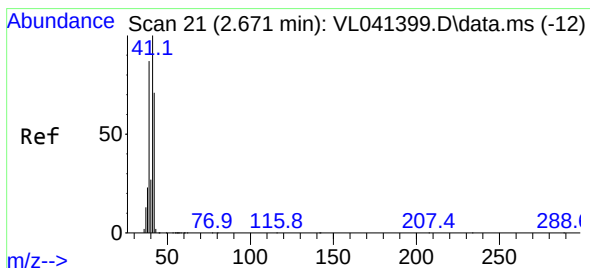
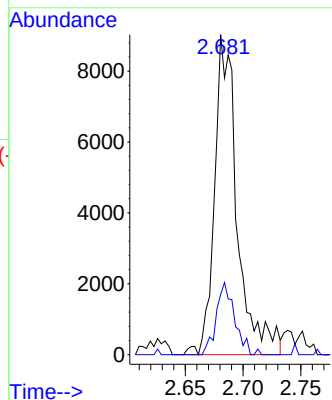
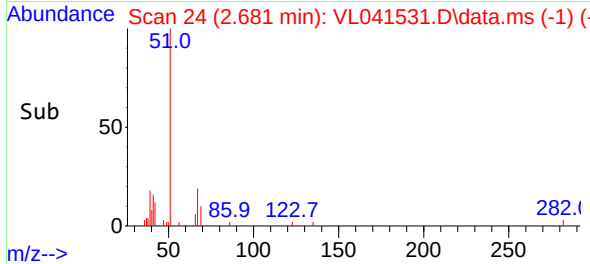
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



Tgt Ion: 51 Resp: 1229
Ion Ratio Lower Upper
51 100
67 18.3 14.5 21.7

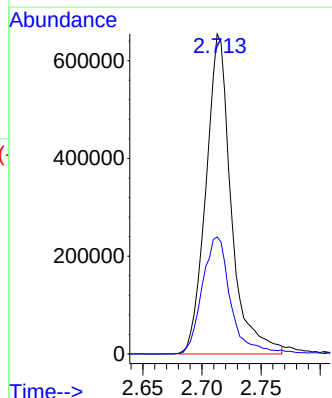
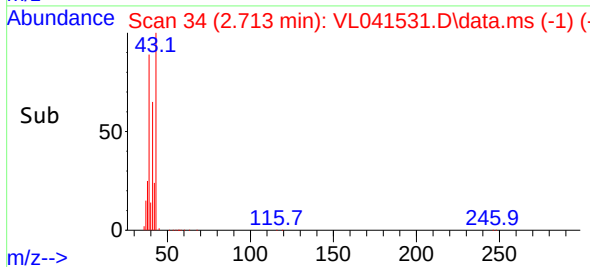
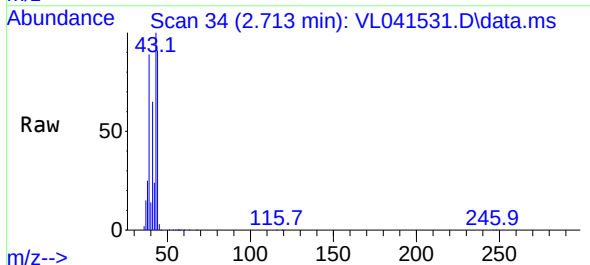
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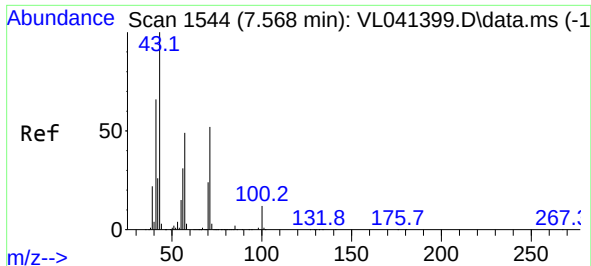
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#9
Propene
Concen: 17.219 ppbv m
RT: 2.713 min Scan# 34
Delta R.T. 0.019 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

Tgt Ion: 41 Resp: 974205
Ion Ratio Lower Upper
41 100
42 71.2 55.9 83.9





#10

Heptane

Concen: 0.409 ppbv

RT: 7.581 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041531.D

Acq: 12 Aug 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

Tgt Ion: 43 Resp: 51949

Ion Ratio Lower Upper

43 100

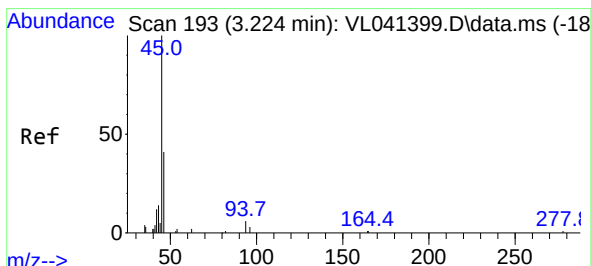
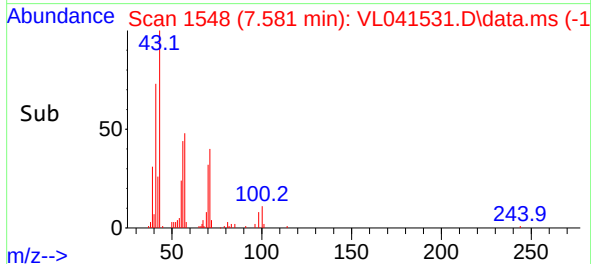
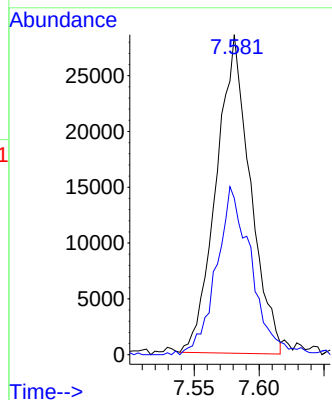
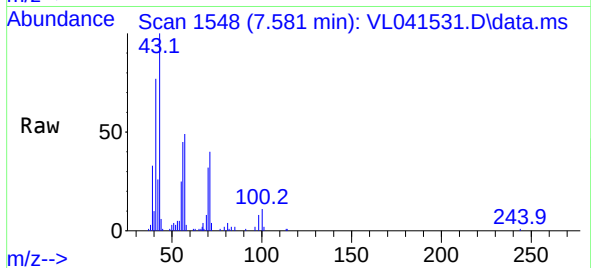
57 54.9 40.5 60.7

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#13

Ethanol

Concen: 21.347 ppbv

RT: 3.253 min Scan# 202

Delta R.T. 0.010 min

Lab File: VL041531.D

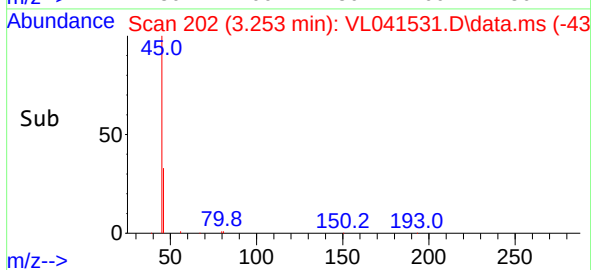
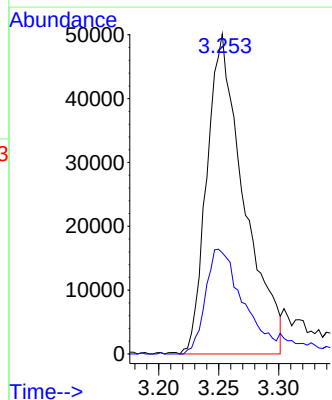
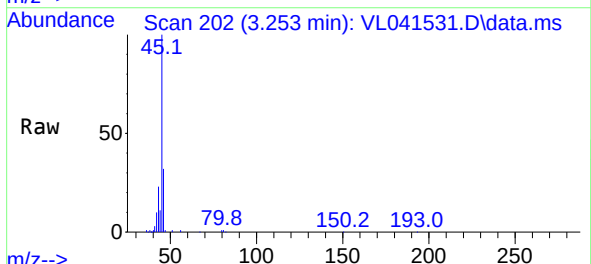
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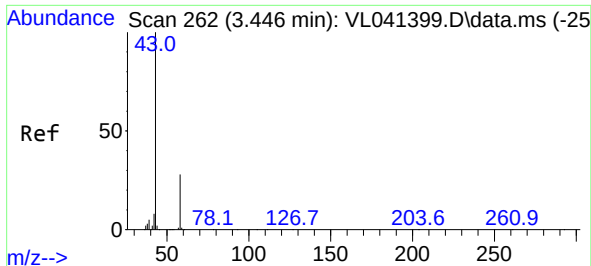
Tgt Ion: 45 Resp: 107944

Ion Ratio Lower Upper

45 100

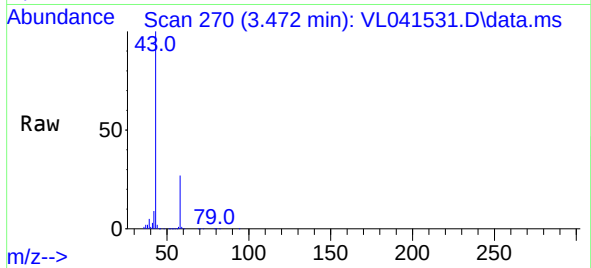
46 37.8 13.4 53.4





#15
Acetone
Concen: 8.878 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

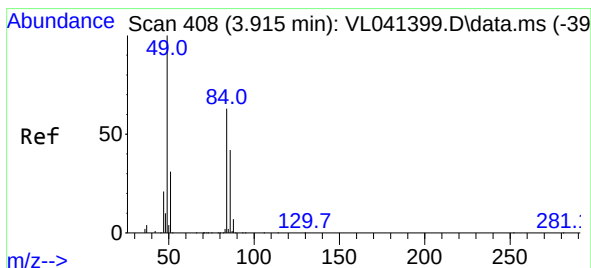
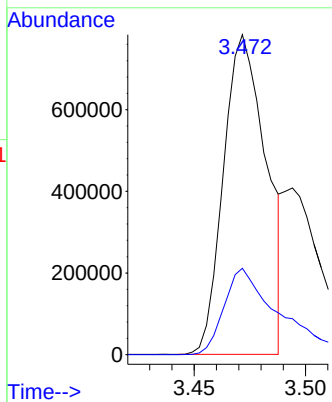
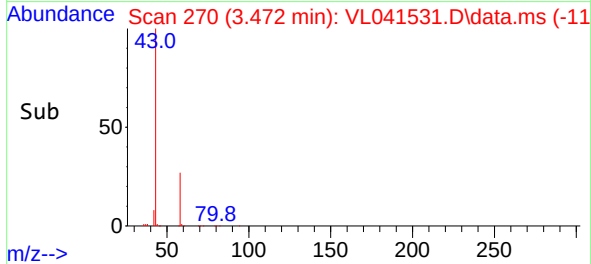
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



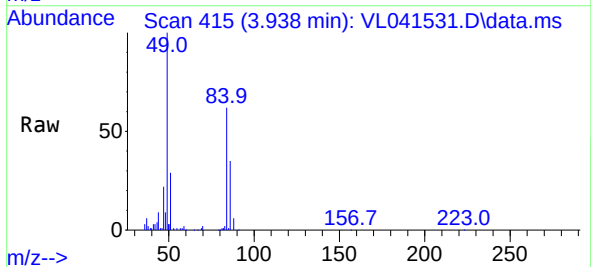
Tgt Ion: 43 Resp: 104364
Ion Ratio Lower Upper
43 100
58 38.2 21.4 32.2

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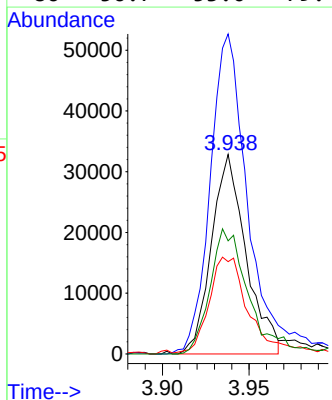
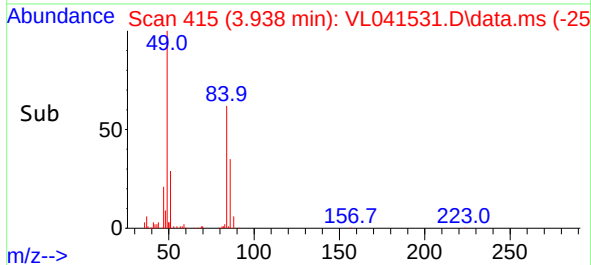
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

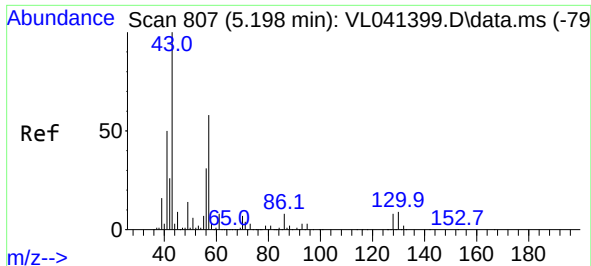


#20
Methylene Chloride
Concen: 1.041 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.007 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24



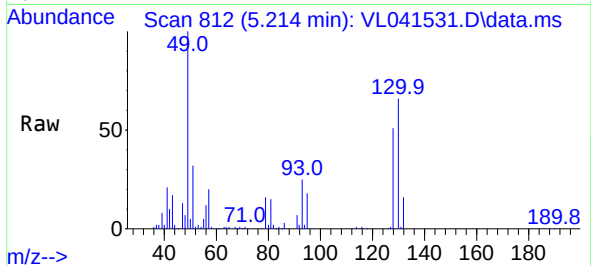
Tgt Ion: 84 Resp: 45653
Ion Ratio Lower Upper
84 100
49 158.3 126.6 190.0
51 45.4 38.6 58.0
86 56.7 53.0 79.4





#26
Hexane
Concen: 0.512 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

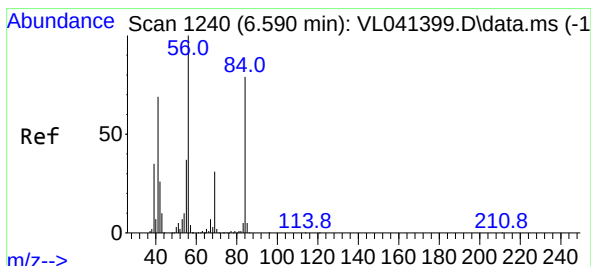
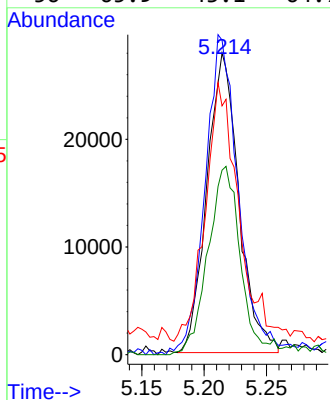
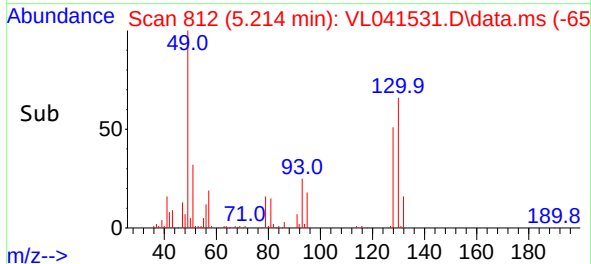
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



Tgt Ion: 57 Resp: 49564
Ion Ratio Lower Upper
57 100
41 112.8 74.0 111.0
43 0.0 193.6 290.4
56 65.9 43.1 64.7#

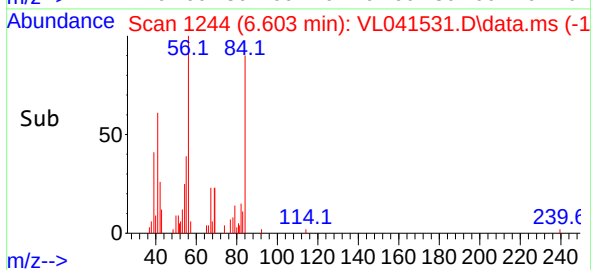
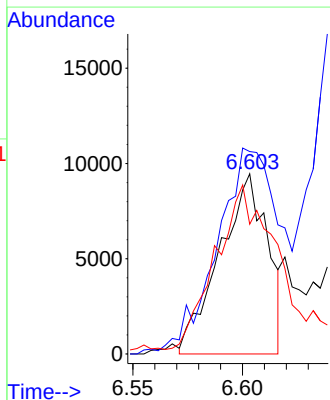
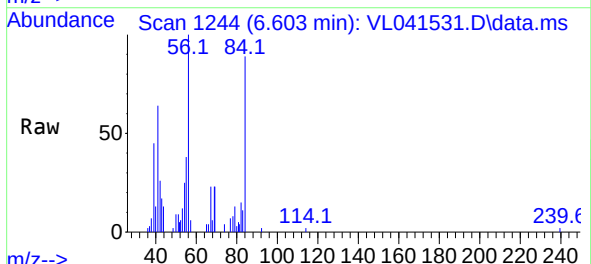
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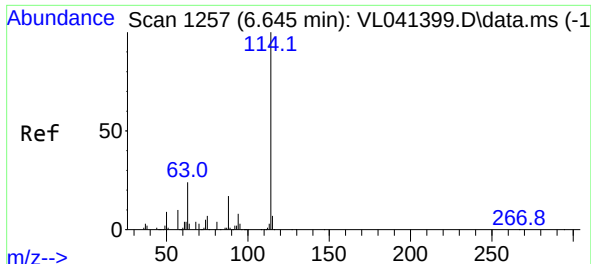
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#30
Cyclohexane
Concen: 0.182 ppbv m
RT: 6.603 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

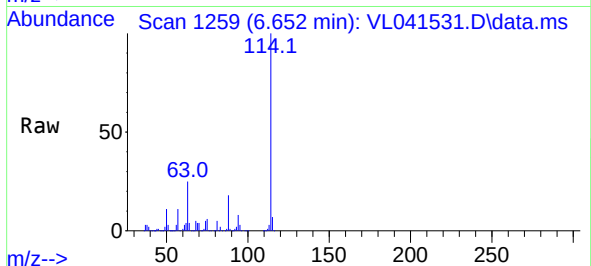
Tgt Ion: 84 Resp: 14394
Ion Ratio Lower Upper
84 100
56 141.6 111.2 166.8
41 133.7 70.3 105.5#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

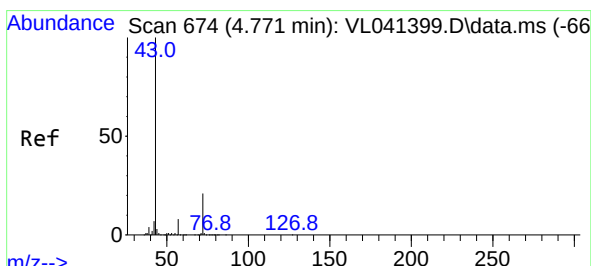
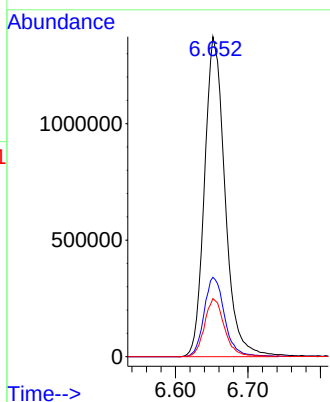
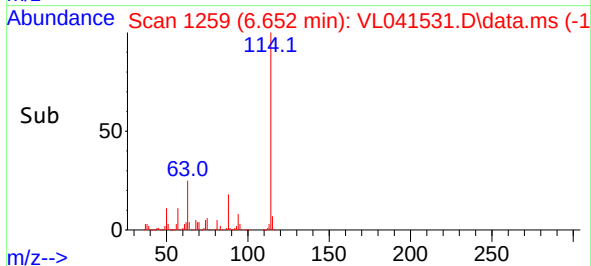
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



Tgt Ion:114 Resp: 2697928
Ion Ratio Lower Upper
114 100
63 25.1 20.3 30.5
88 17.8 14.3 21.5

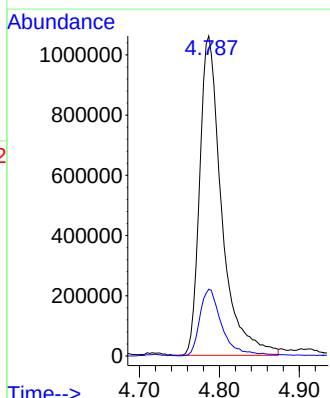
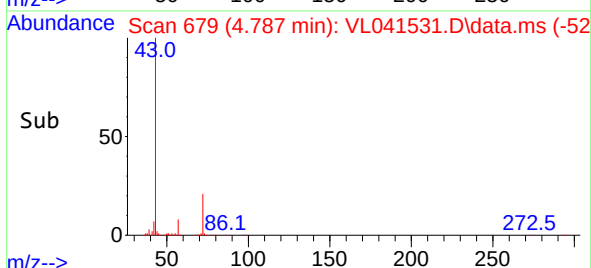
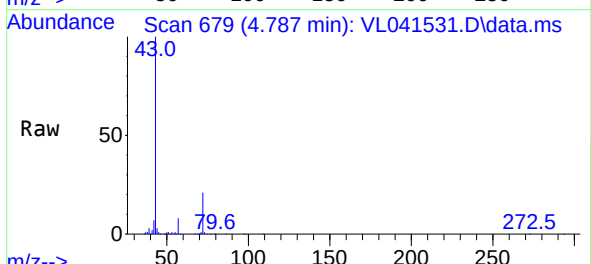
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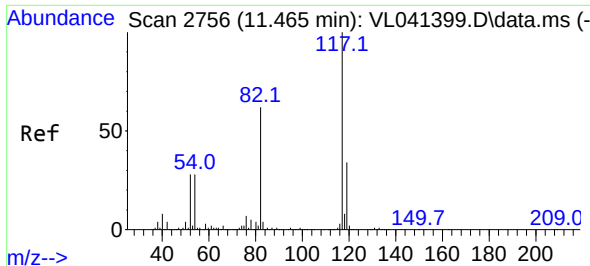
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#34
2-Butanone
Concen: 15.577 ppbv
RT: 4.787 min Scan# 679
Delta R.T. 0.003 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

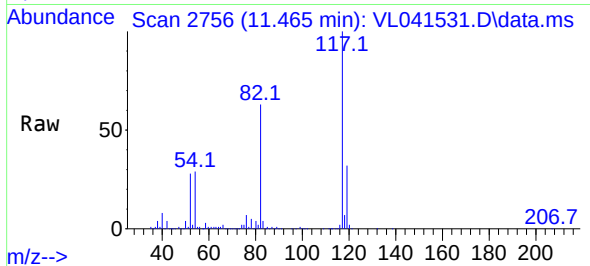
Tgt Ion: 43 Resp: 2032897
Ion Ratio Lower Upper
43 100
72 21.6 17.3 25.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

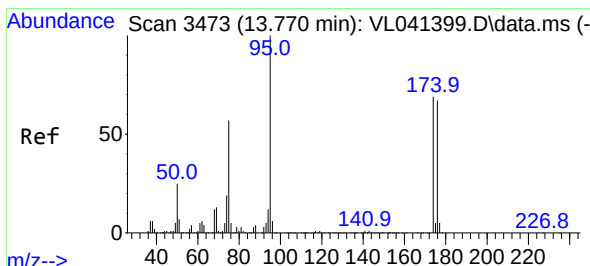
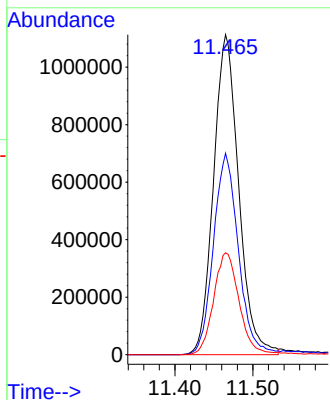
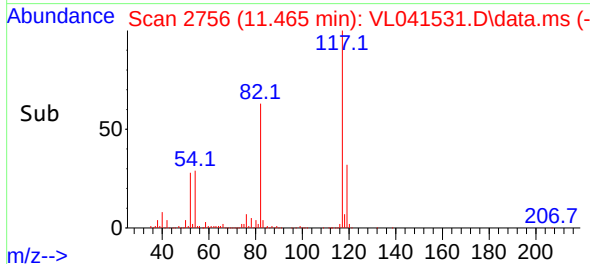
Instrument :
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Tgt Ion:117 Resp: 249965
Ion Ratio Lower Upper
117 100
82 64.2 51.0 76.6
119 33.1 45.2 67.8

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.767 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.000 min
Lab File: VL041531.D
Acq: 12 Aug 2024 11:24

Tgt Ion: 95 Resp: 1878821
Ion Ratio Lower Upper
95 100
174 72.3 56.3 84.5
175 5.3 4.0 6.0

