

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041537.D
 Acq On : 12 Aug 2024 15:51
 Operator : SY/MD
 Sample : P3496-05DL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Manual Integrations
 APPROVED

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

Quant Time: Aug 13 02:14:27 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	966254	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2561986	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2386960	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1822945	9.924	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	76196	1.442	ppbv	96
13) Ethanol	3.250	45	66855m	14.156	ppbv	
15) Acetone	3.472	43	936633	8.531	ppbv	94
20) Methylene Chloride	3.938	84	19024	0.465	ppbv	93
34) 2-Butanone	4.790	43	1277993	10.312	ppbv	99

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

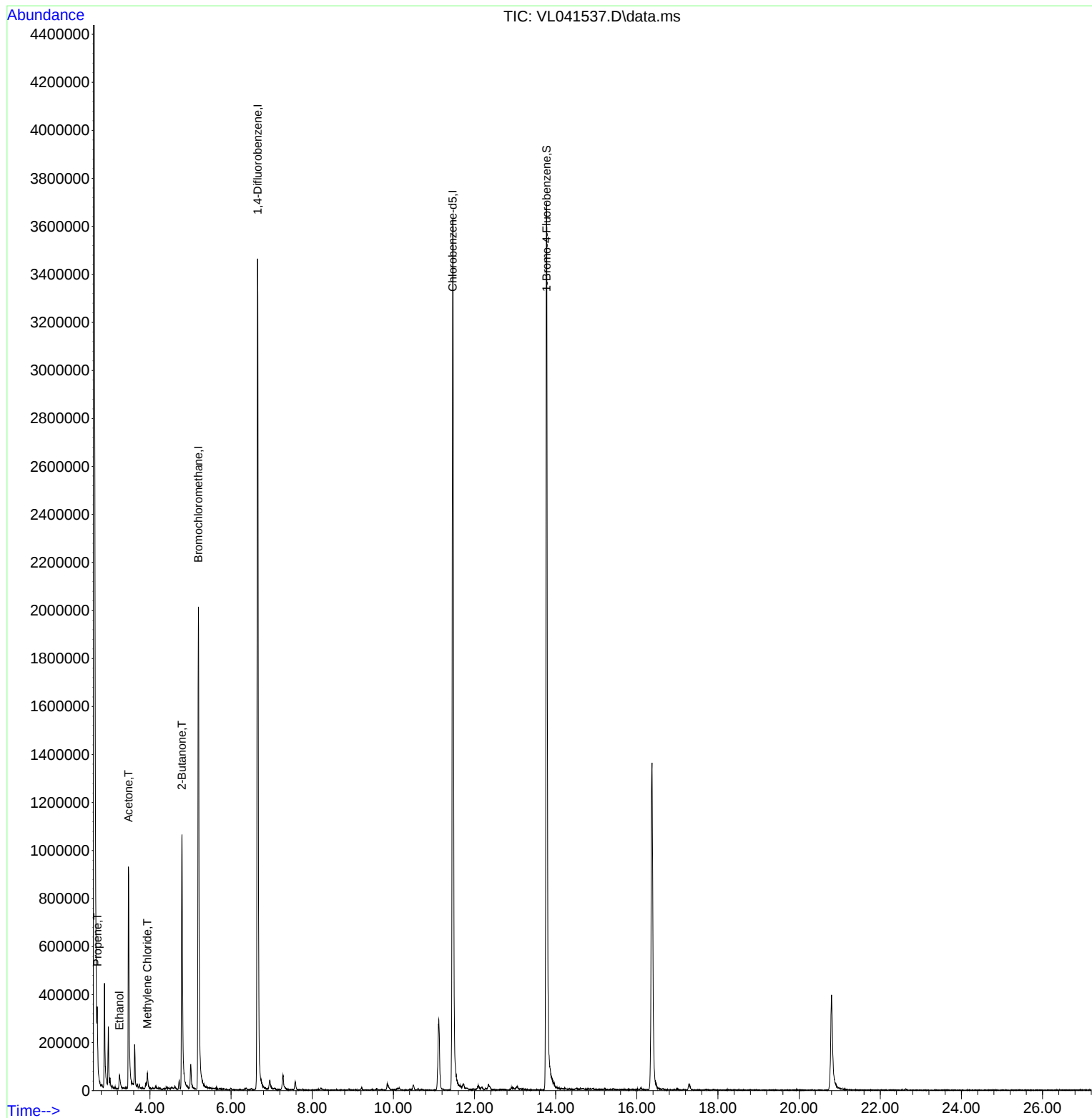
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
Data File : VL041537.D
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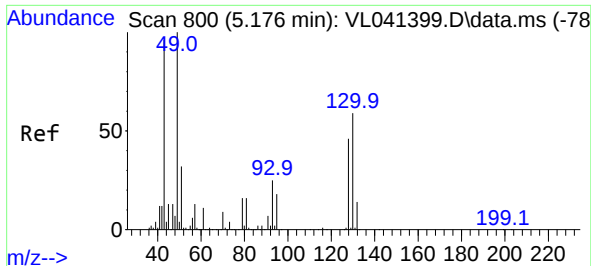
Instrument :
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ClientSampleId :
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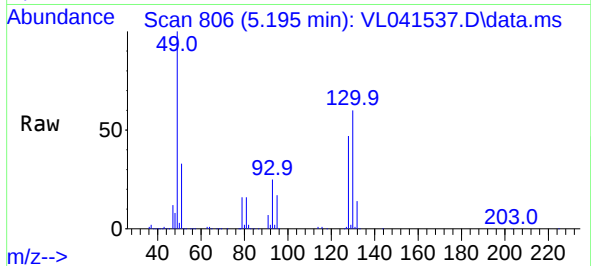
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Aug 13 02:09:20 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

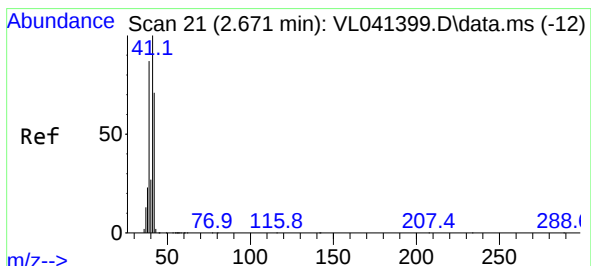
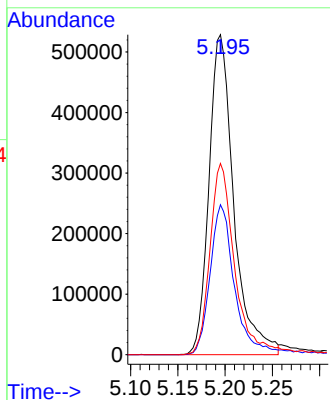
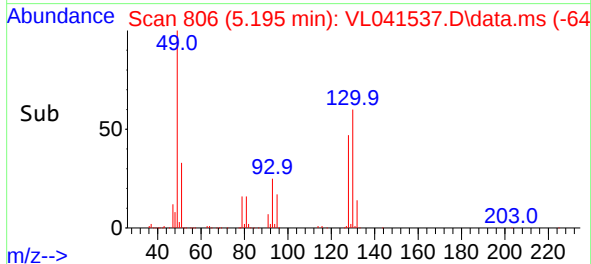
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2



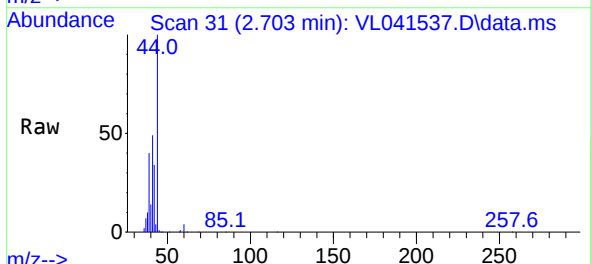
Tgt Ion: 49 Resp: 966254
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.4
130 62.2 30.8 92.4

Manual Integrations
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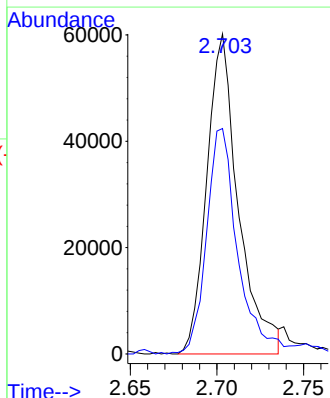
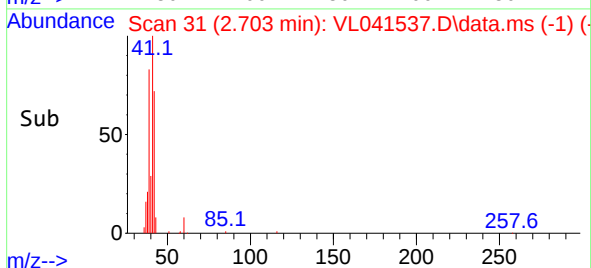
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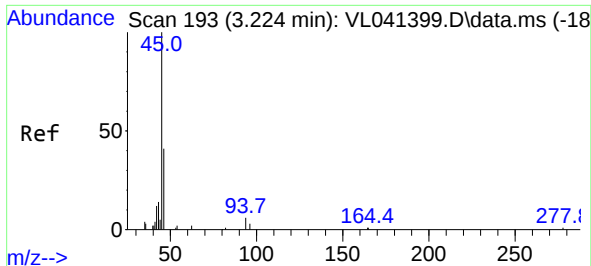


#9
Propene
Concen: 1.442 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51



Tgt Ion: 41 Resp: 76196
Ion Ratio Lower Upper
41 100
42 72.9 55.9 83.9





#13

Ethanol

Concen: 14.156 ppbv m

RT: 3.250 min Scan# 201

Delta R.T. 0.007 min

Lab File: VL041537.D

Acq: 12 Aug 2024 15:51

Instrument :

MSVOA_L

ClientSampleId :

SV-4DL2

Tgt Ion: 45 Resp: 6685

Ion Ratio Lower Upper

45 100

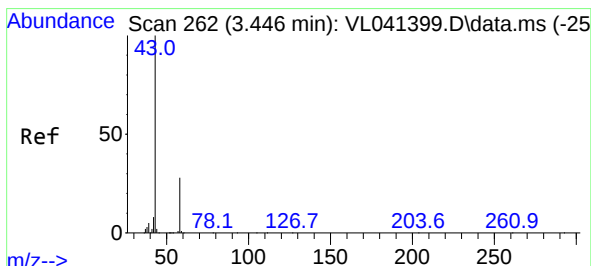
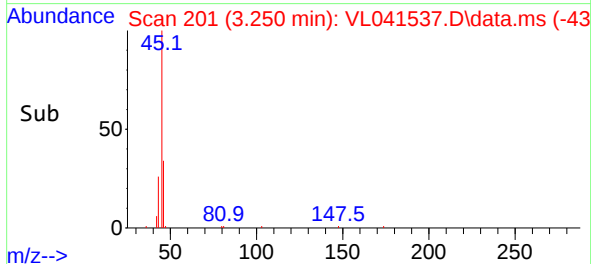
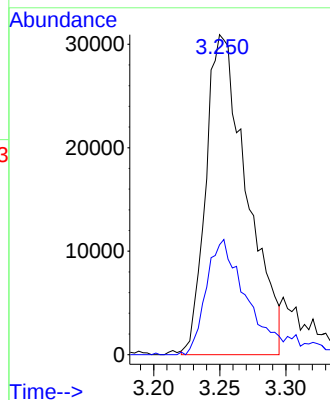
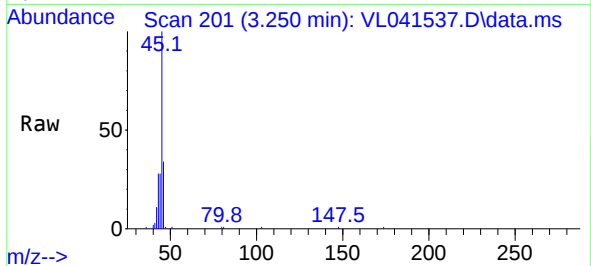
46 40.3 13.4 53.4

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#15

Acetone

Concen: 8.531 ppbv

RT: 3.472 min Scan# 270

Delta R.T. 0.003 min

Lab File: VL041537.D

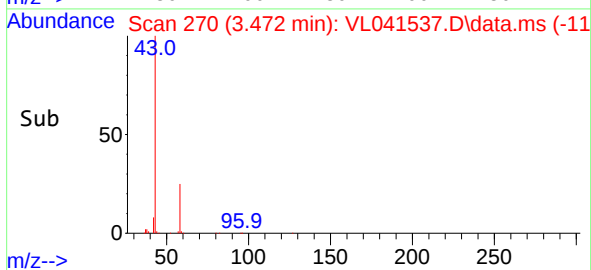
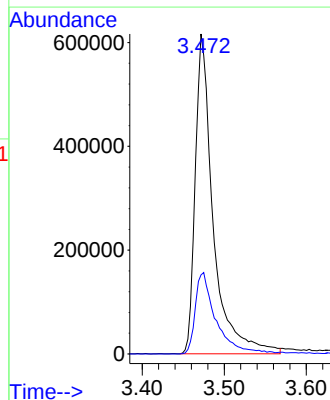
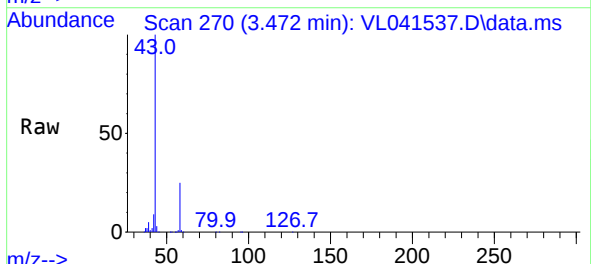
Acq: 12 Aug 2024 15:51

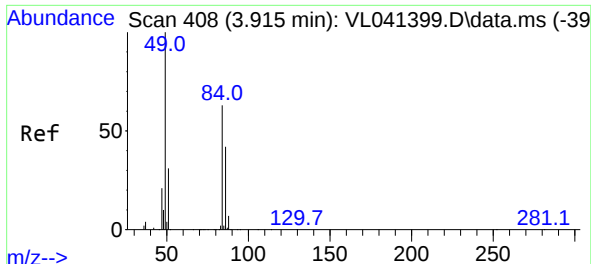
Tgt Ion: 43 Resp: 936633

Ion Ratio Lower Upper

43 100

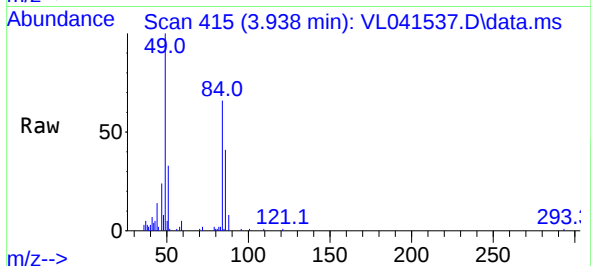
58 30.1 21.4 32.2





#20
Methylene Chloride
Concen: 0.465 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.007 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2

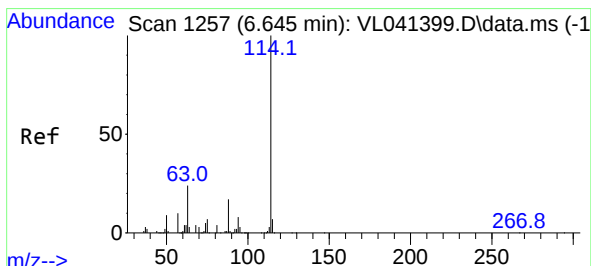
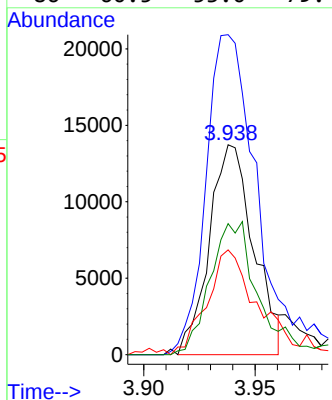
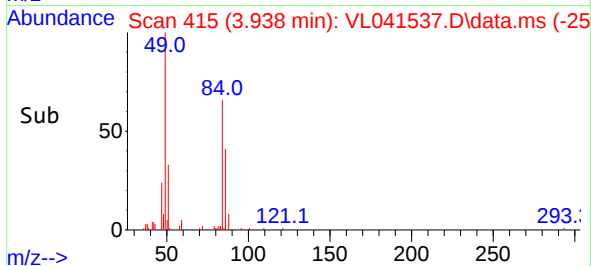


Tgt Ion: 84 Resp: 19024

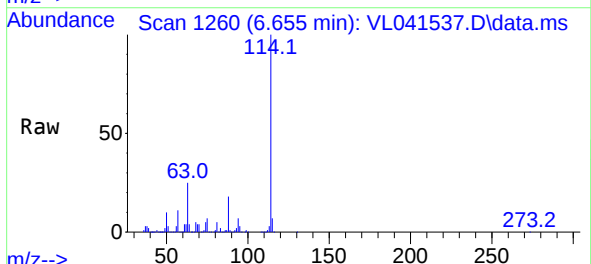
Ion	Ratio	Lower	Upper
84	100		
49	147.2	126.6	190.0
51	47.7	38.6	58.0
86	60.5	53.0	79.4

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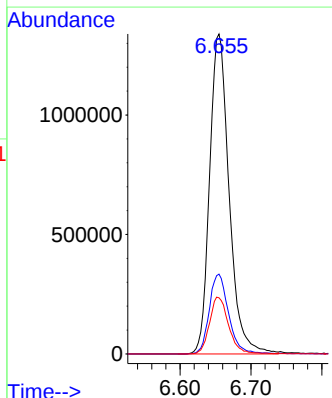
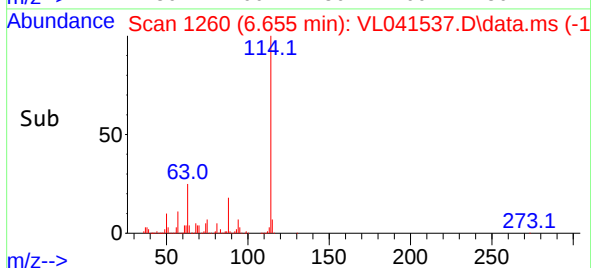


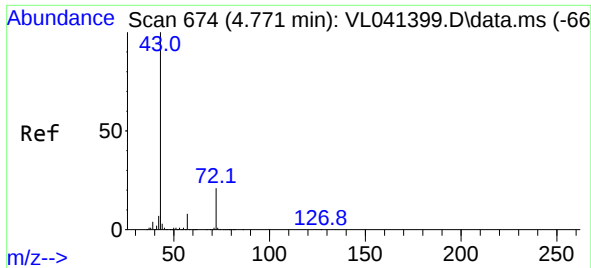
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51



Tgt Ion:114 Resp: 2561986

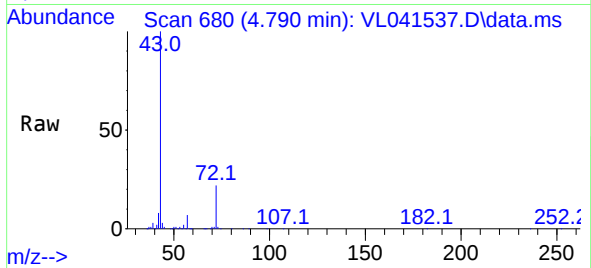
Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.3	30.5
88	17.6	14.3	21.5





#34
2-Butanone
Concen: 10.312 ppbv
RT: 4.790 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

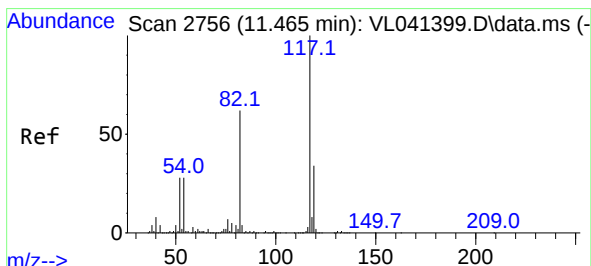
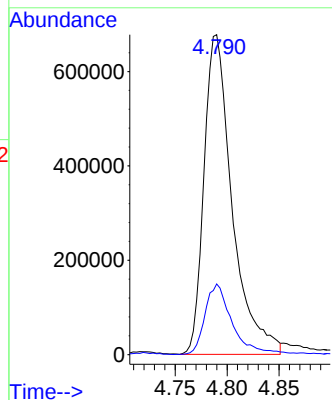
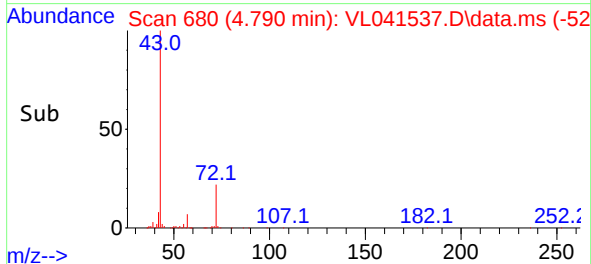
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2



Tgt Ion: 43 Resp: 127799
Ion Ratio Lower Upper
43 100
72 21.9 17.3 25.9

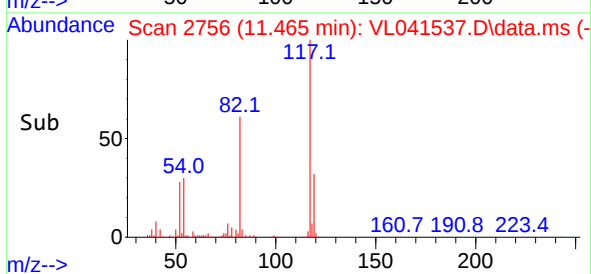
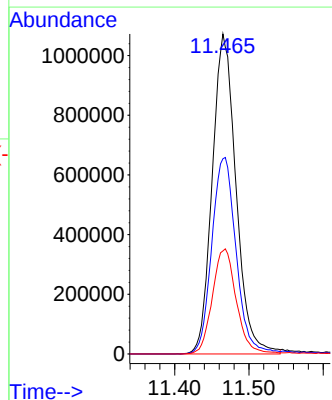
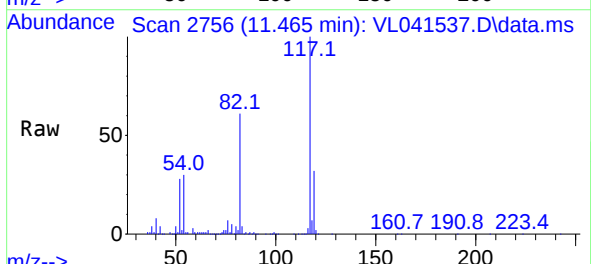
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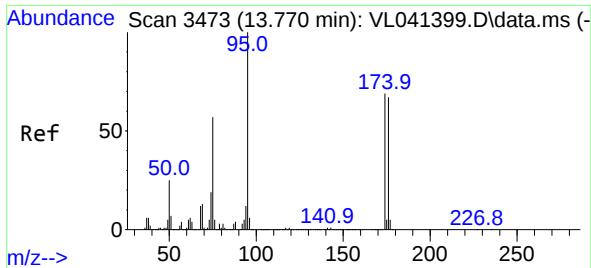
Reviewed By :Semsettin Yesilyurt 08/13/2024
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041537.D
Acq: 12 Aug 2024 15:51

Tgt Ion:117 Resp: 2386960
Ion Ratio Lower Upper
117 100
82 64.1 51.0 76.6
119 33.7 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.924 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.003 min
 Lab File: VL041537.D
 Acq: 12 Aug 2024 15:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Tgt Ion: 95 Resp: 1822945

Ion	Ratio	Lower	Upper
95	100		
174	70.8	56.3	84.5
175	5.0	4.0	6.0

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