

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041535.D
 Acq On : 12 Aug 2024 14:07
 Operator : SY/MD
 Sample : P3496-06DL2 200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 13 02:13:47 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 : Tue Aug 13 02:09:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

08/13/2024
 Supervised By : Mahesh
 Dadoda

08/13/2024

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

Internal Standards						
1) Bromochloromethane	5.198	49	960135	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.655	114	2513402	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2347282	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1759698	9.742	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
9) Propene	2.710	41	54298	1.034	ppbv	100
13) Ethanol	3.263	45	35585	7.583	ppbv	81
15) Acetone	3.475	43	1221887	11.201	ppbv	96
20) Methylene Chloride	3.941	84	17922	0.441	ppbv	98
26) Hexane	5.218	57	10071m	0.112	ppbv	
34) 2-Butanone	4.790	43	1679974	13.818	ppbv	99

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

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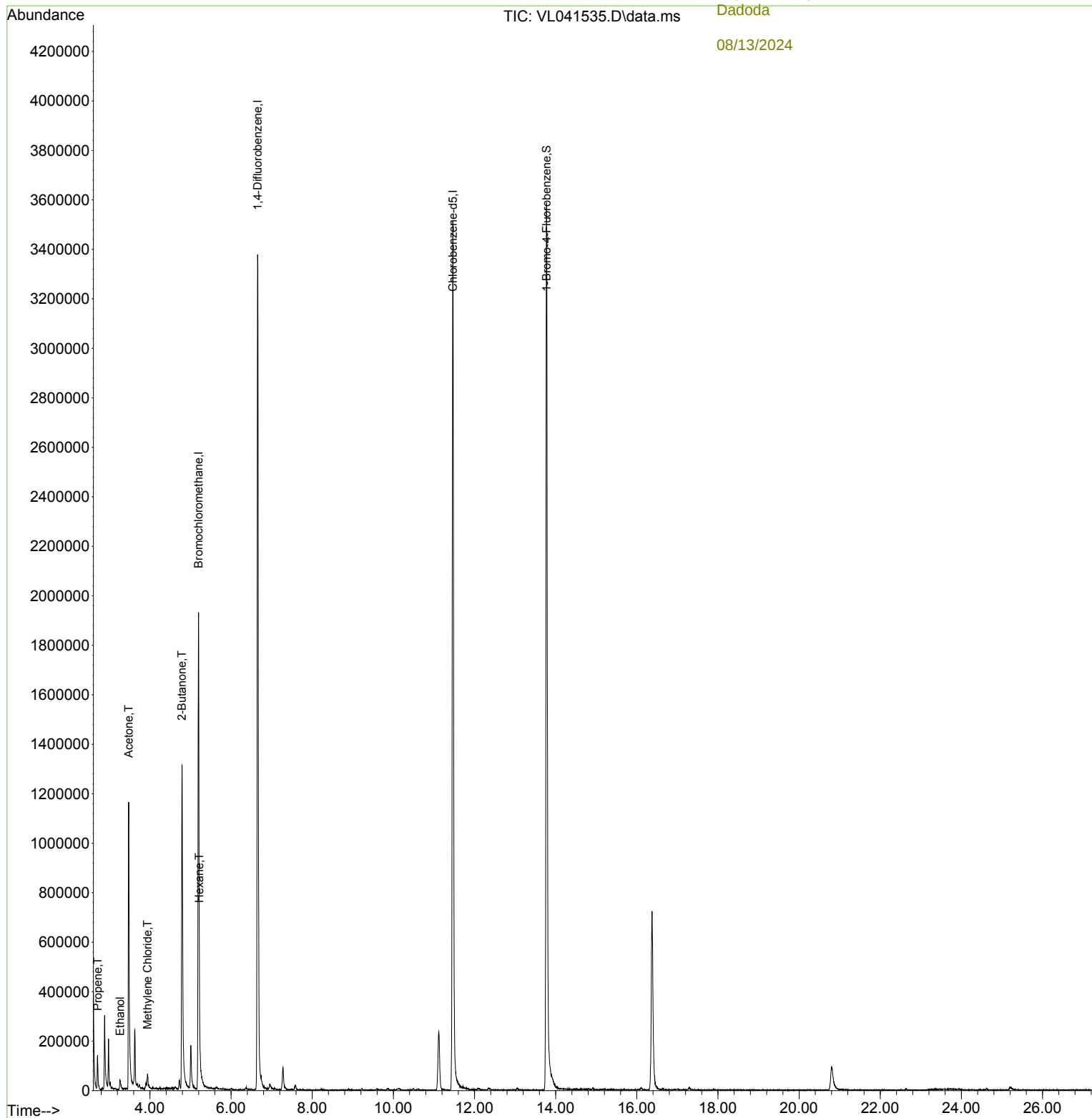
Quant Time: Aug 13 02:13:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Aug 13 02:09:20 2024
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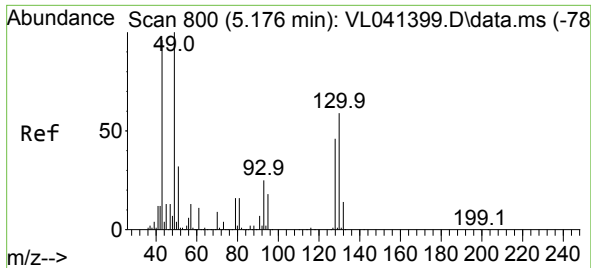
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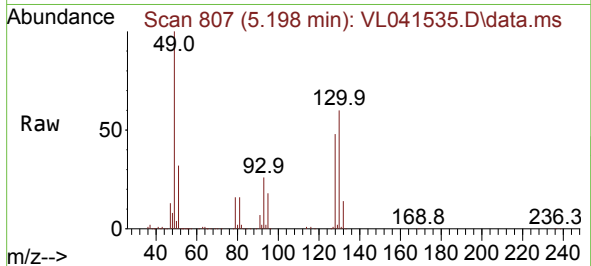
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL041535.D
Acq: 12 Aug 2024 14:07

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ClientSampleId :



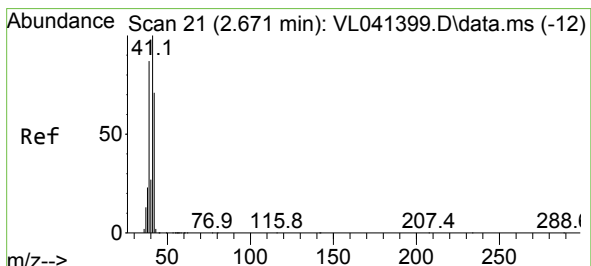
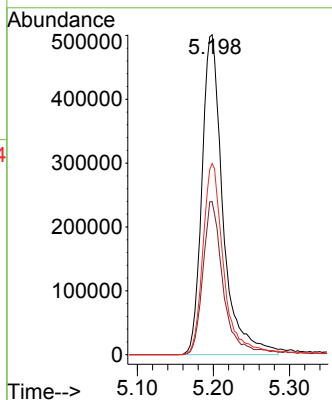
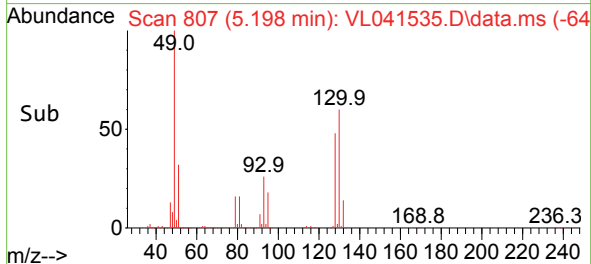
Tgt Ion: 49 Resp: 960135
Ion Ratio Lower Upper
49 100
128 47.8 23.8 71.4
130 60.6 30.8 92.4

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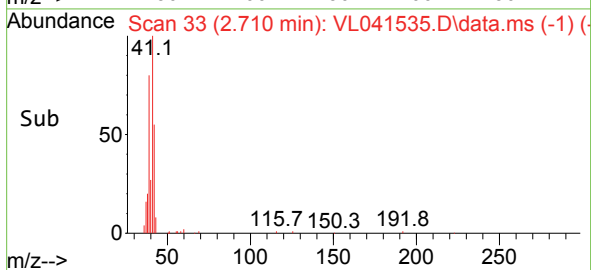
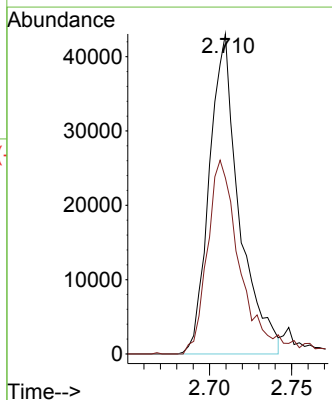
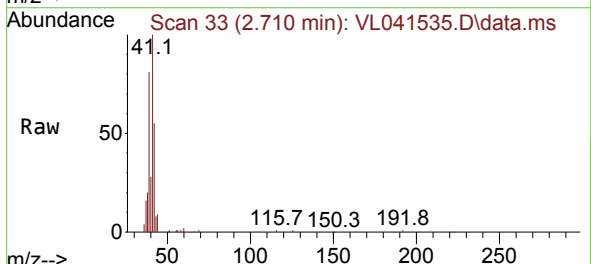
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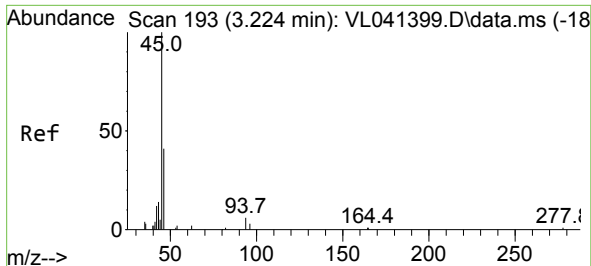
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#9
Propene
Concen: 1.034 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.016 min
Lab File: VL041535.D
Acq: 12 Aug 2024 14:07

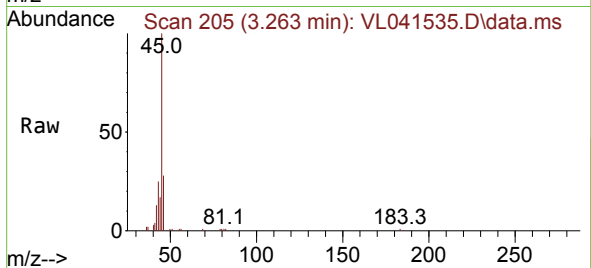
Tgt Ion: 41 Resp: 54298
Ion Ratio Lower Upper
41 100
42 70.1 55.9 83.9





#13
Ethanol
Concen: 7.583 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.019 min
Lab File: VL041535.D
Acq: 12 Aug 2024 14:07

Instrument :
MSVOA_L
ClientSampleId :



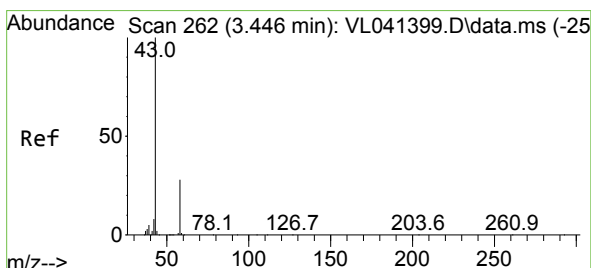
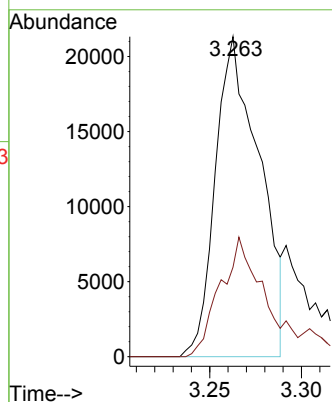
Tgt Ion: 45 Resp: 3558
Ion Ratio Lower Upper
45 100
46 44.3 13.4 53.4

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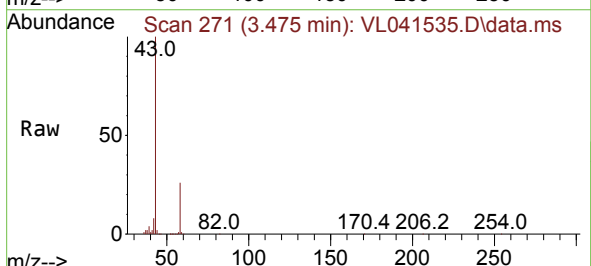
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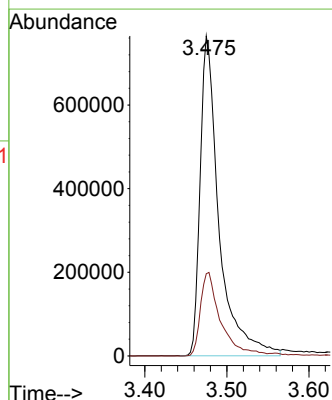
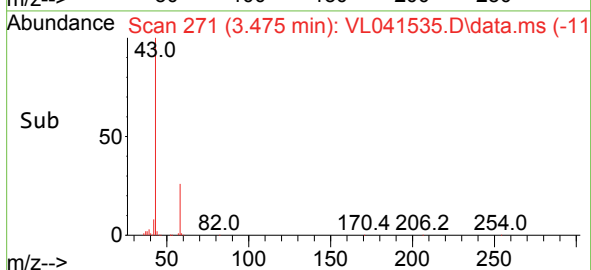
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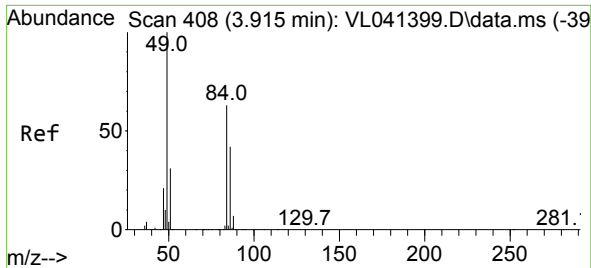


#15
Acetone
Concen: 11.201 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.007 min
Lab File: VL041535.D
Acq: 12 Aug 2024 14:07



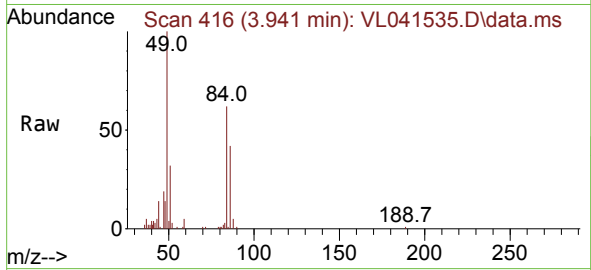
Tgt Ion: 43 Resp: 1221887
Ion Ratio Lower Upper
43 100
58 28.9 21.4 32.2





#20
Methylene Chloride
Concen: 0.441 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.010 min
Lab File: VL041535.D
Acq: 12 Aug 2024 14:07

Instrument :
MSVOA_L
ClientSampleId :



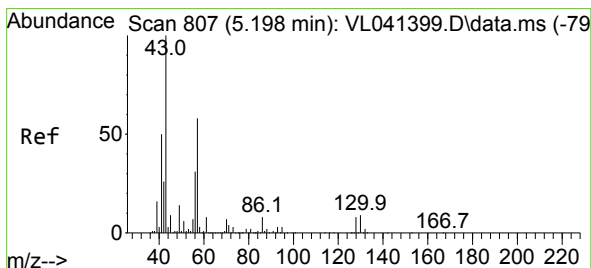
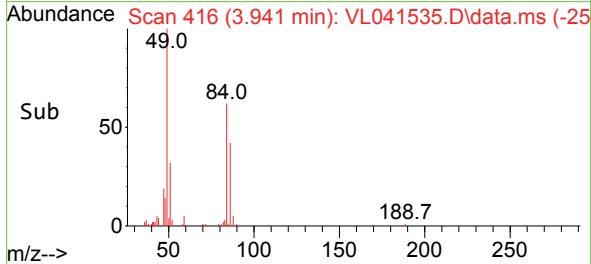
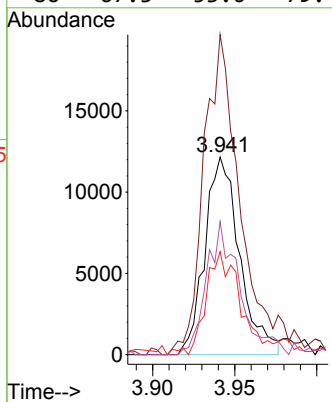
Tgt Ion: 84 Resp: 1792
Ion Ratio Lower Upper
84 100
49 155.0 126.6 190.0
51 50.1 38.6 58.0
86 67.3 53.0 79.4

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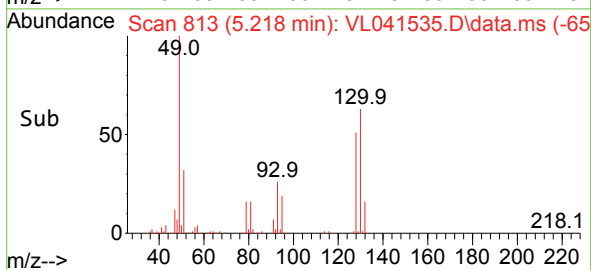
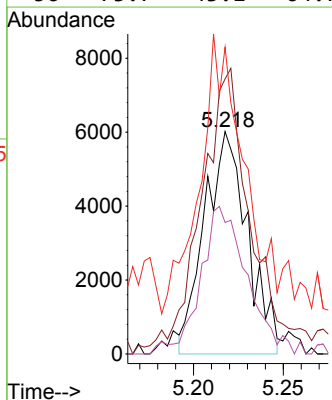
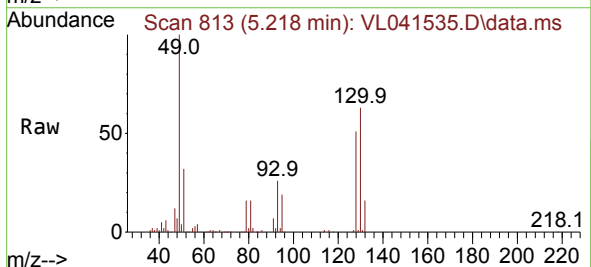
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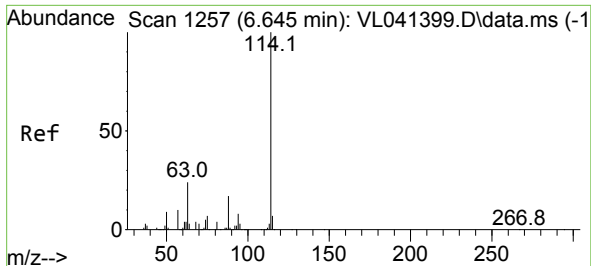
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#26
Hexane
Concen: 0.112 ppbv m
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL041535.D
Acq: 12 Aug 2024 14:07

Tgt Ion: 57 Resp: 10071
Ion Ratio Lower Upper
57 100
41 143.2 74.0 111.0#
43 0.0 193.6 290.4#
56 73.7 43.1 64.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.003 min

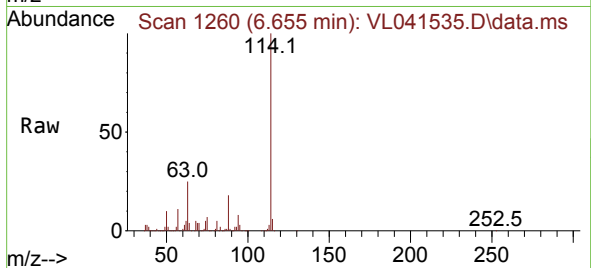
Lab File: VL041535.D

Acq: 12 Aug 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:114 Resp: 251340

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 17.8 14.3 21.5

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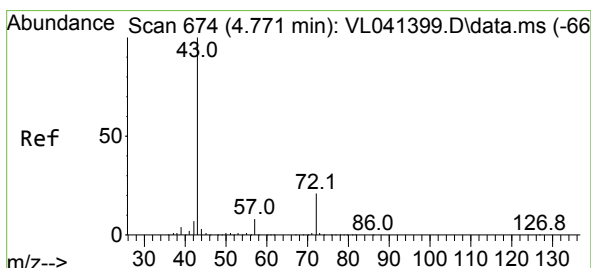
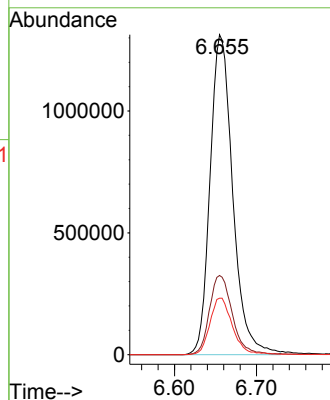
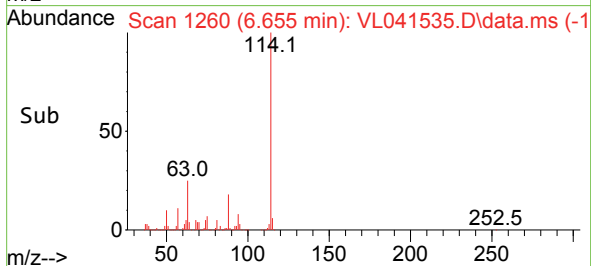
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#34

2-Butanone

Concen: 13.818 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.007 min

Lab File: VL041535.D

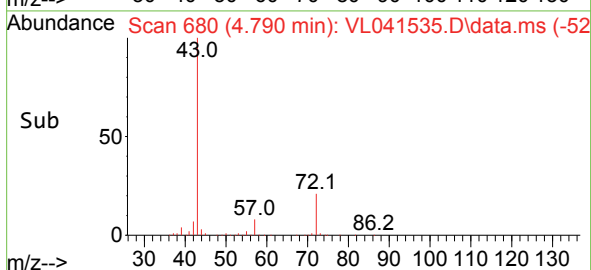
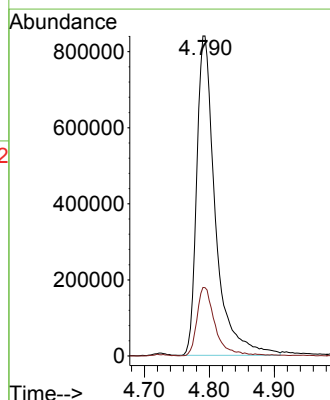
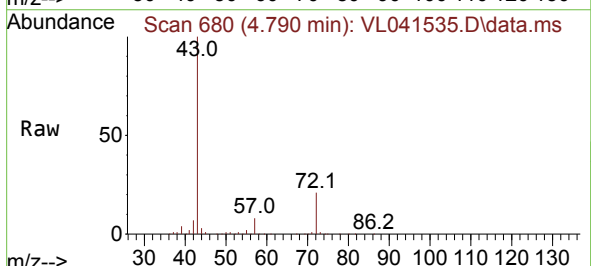
Acq: 12 Aug 2024 14:07

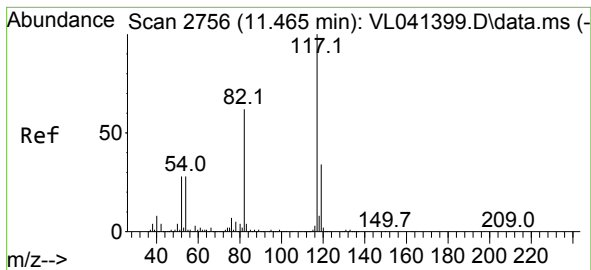
Tgt Ion: 43 Resp: 1679974

Ion Ratio Lower Upper

43 100

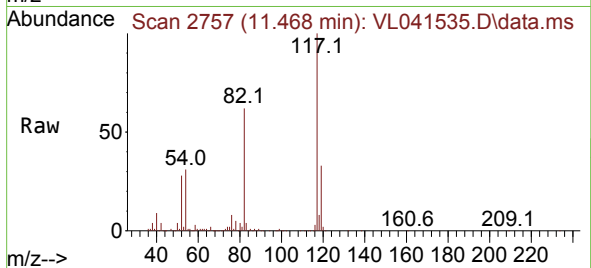
72 21.3 17.3 25.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041535.D
Acq: 12 Aug 2024 14:07

Instrument :
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ClientSampleId :



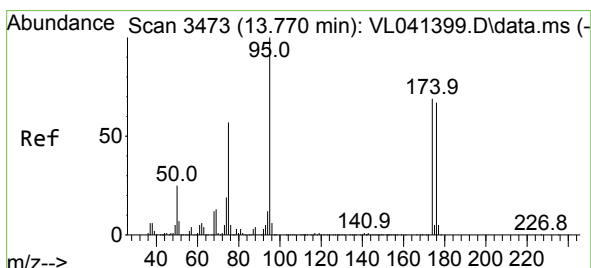
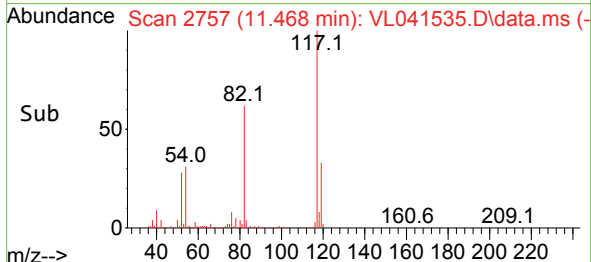
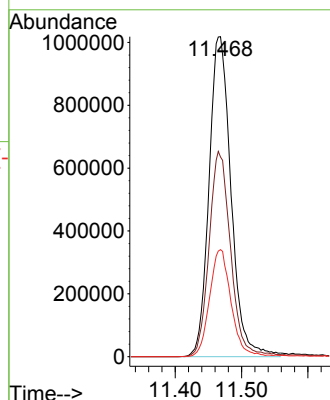
Tgt Ion:117 Resp: 234728
Ion Ratio Lower Upper
117 100
82 64.1 51.0 76.6
119 33.2 45.2 67.8

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.742 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041535.D
Acq: 12 Aug 2024 14:07

Tgt Ion: 95 Resp: 1759698
Ion Ratio Lower Upper
95 100
174 71.7 56.3 84.5
175 4.9 4.0 6.0

