

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041533.D
 Acq On : 12 Aug 2024 12:43
 Operator : SY/MD
 Sample : P3496-05DL 200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 13 02:13:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 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	987322	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2604873	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2415253	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1835768	9.877	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	37994	0.704	ppbv	100
13) Ethanol	3.256	45	27056m	5.607	ppbv	
15) Acetone	3.481	43	420583	3.749	ppbv	91
20) Methylene Chloride	3.935	84	12434	0.297	ppbv	83
34) 2-Butanone	4.796	43	587198	4.660	ppbv	100

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

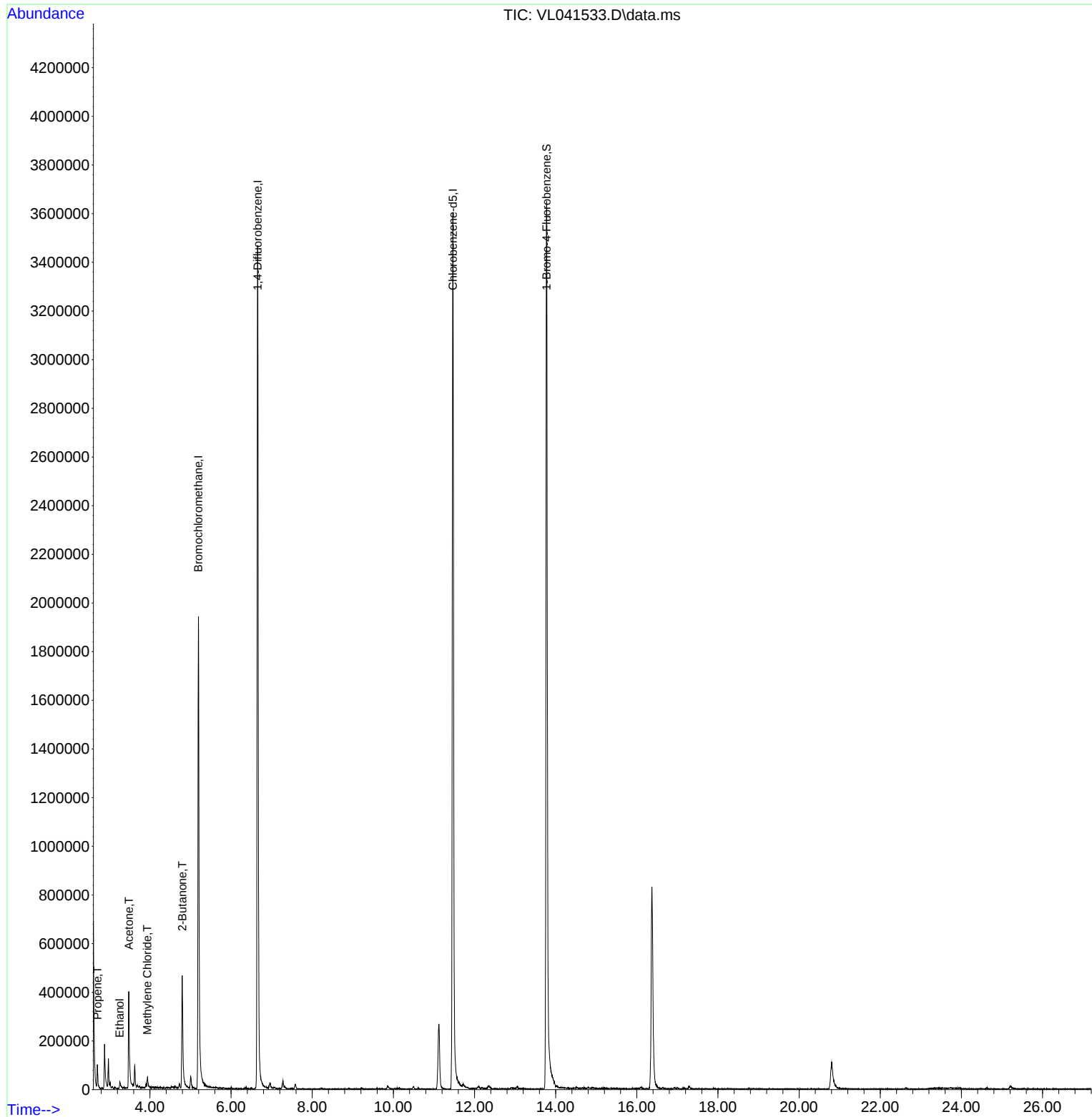
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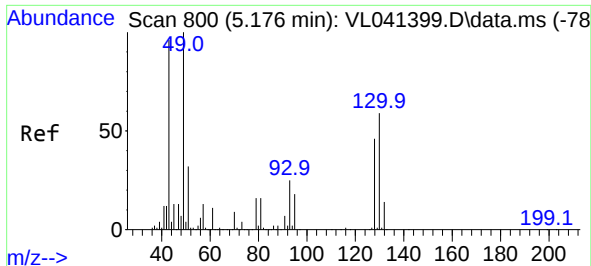
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL

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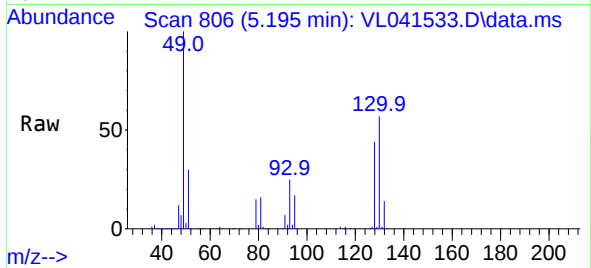
Reviewed By : Semsettin Yesilyurt 08/13/2024
Supervised By : Mahesh Dadoda 08/13/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041533.D
Acq: 12 Aug 2024 12:43

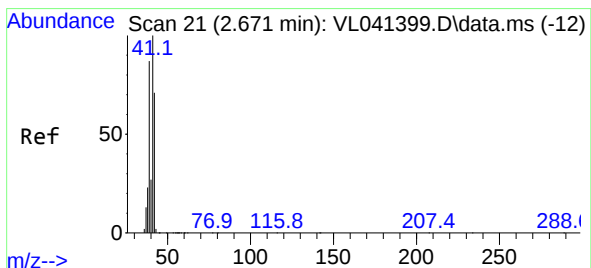
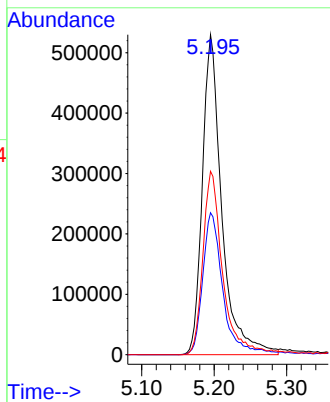
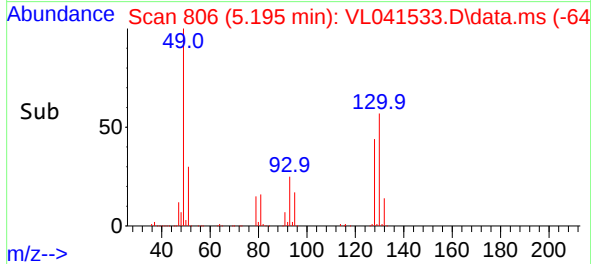
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL



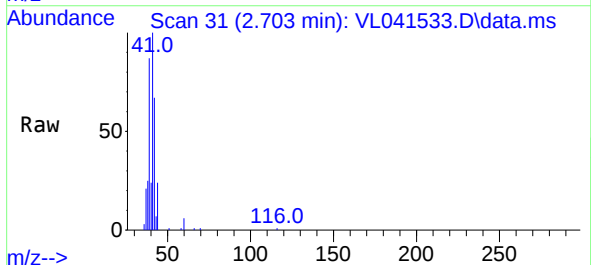
Tgt Ion: 49 Resp: 98732
Ion Ratio Lower Upper
49 100
128 46.7 23.8 71.4
130 59.8 30.8 92.4

Manual Integrations
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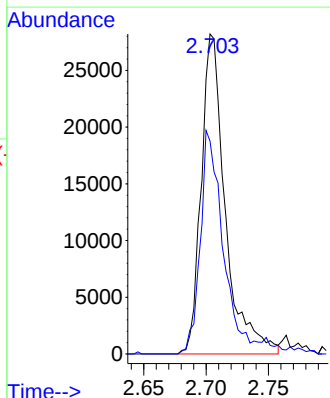
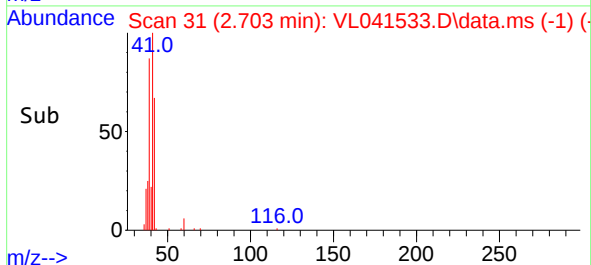
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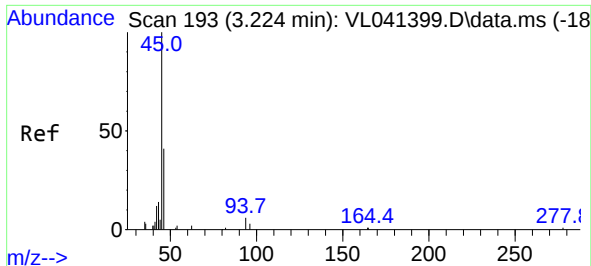


#9
Propene
Concen: 0.704 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041533.D
Acq: 12 Aug 2024 12:43



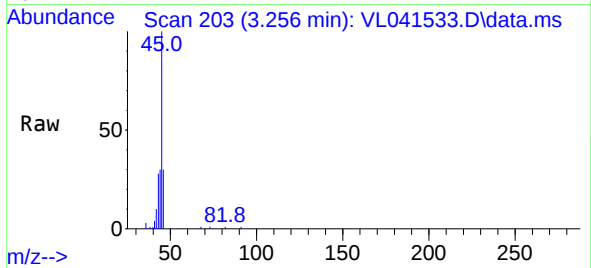
Tgt Ion: 41 Resp: 37994
Ion Ratio Lower Upper
41 100
42 69.8 55.9 83.9





#13
Ethanol
Concen: 5.607 ppbv m
RT: 3.256 min Scan# 203
Delta R.T. 0.013 min
Lab File: VL041533.D
Acq: 12 Aug 2024 12:43

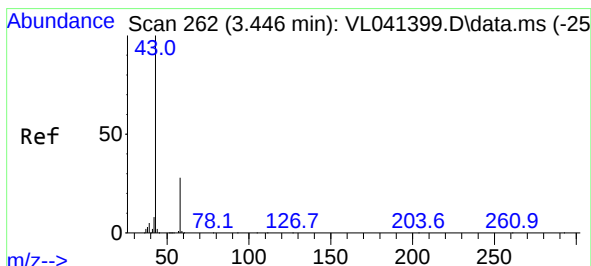
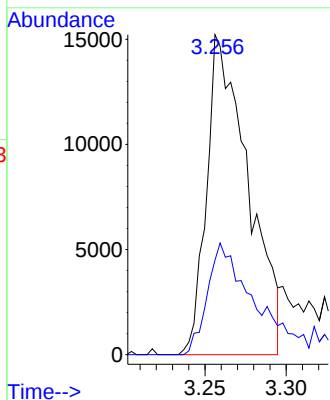
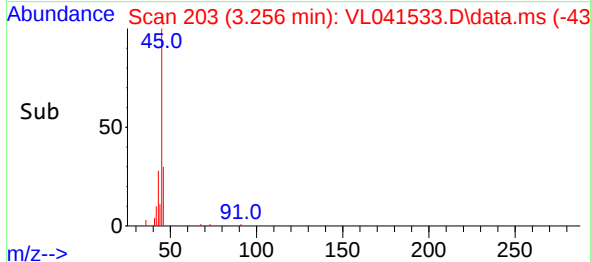
Instrument :
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ClientSampleId :
SV-4DL



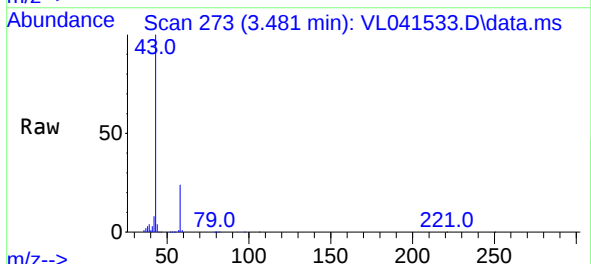
Tgt Ion: 45 Resp: 27050
Ion Ratio Lower Upper
45 100
46 45.6 13.4 53.4

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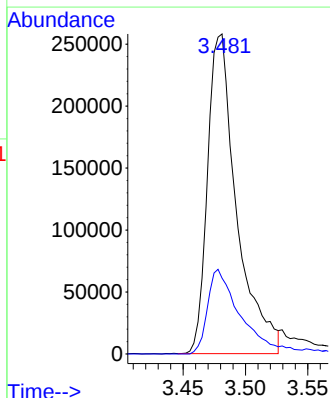
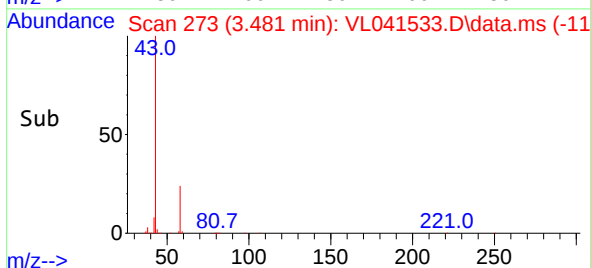
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

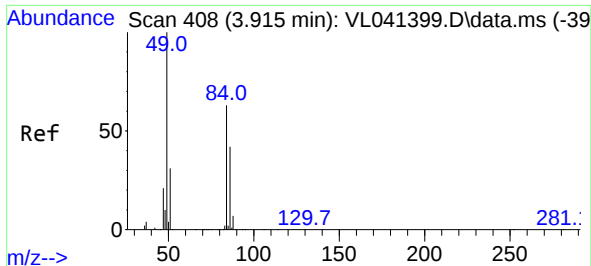


#15
Acetone
Concen: 3.749 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.013 min
Lab File: VL041533.D
Acq: 12 Aug 2024 12:43



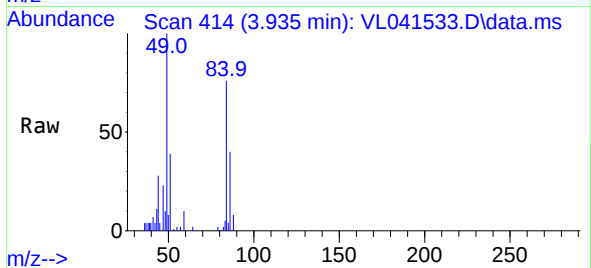
Tgt Ion: 43 Resp: 420583
Ion Ratio Lower Upper
43 100
58 31.5 21.4 32.2





#20
Methylene Chloride
Concen: 0.297 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.003 min
Lab File: VL041533.D
Acq: 12 Aug 2024 12:43

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL

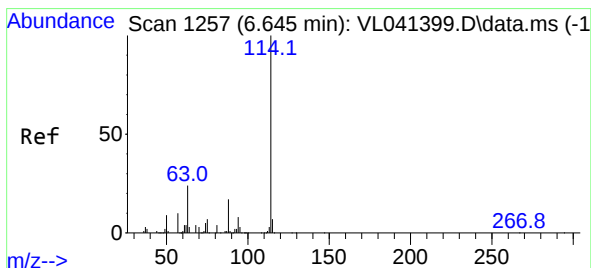
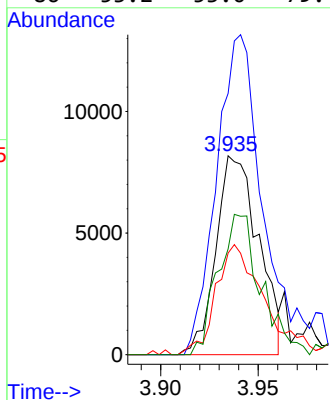
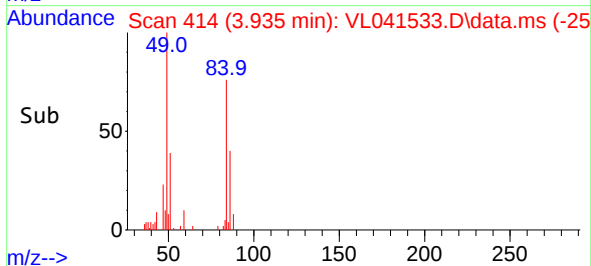


Tgt Ion: 84 Resp: 12434

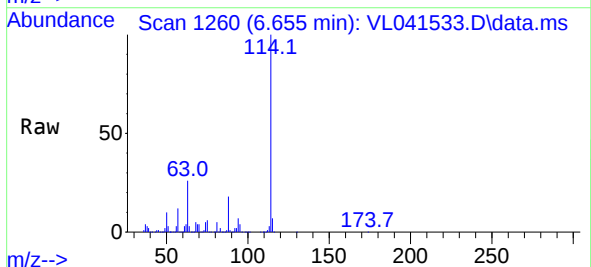
Ion	Ratio	Lower	Upper
84	100		
49	131.4	126.6	190.0
51	51.1	38.6	58.0
86	53.2	53.0	79.4

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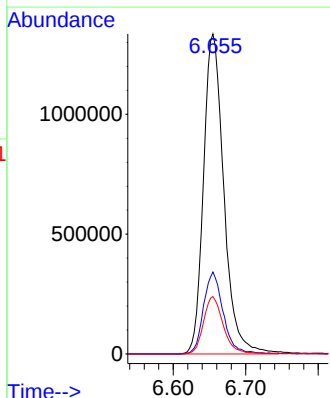
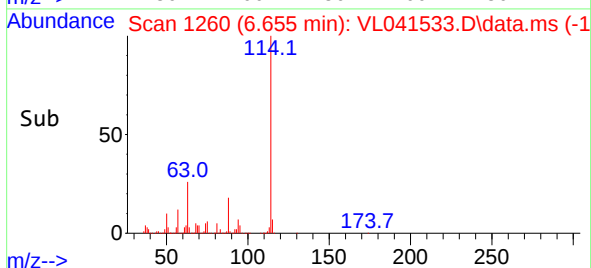


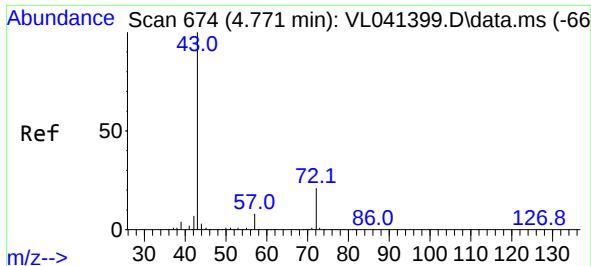
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VL041533.D
Acq: 12 Aug 2024 12:43



Tgt Ion:114 Resp: 2604873

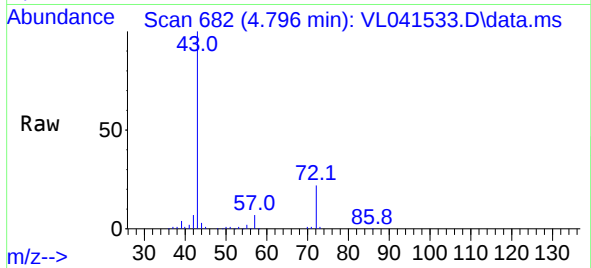
Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.3	30.5
88	17.6	14.3	21.5





#34
2-Butanone
Concen: 4.660 ppbv
RT: 4.796 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL041533.D
Acq: 12 Aug 2024 12:43

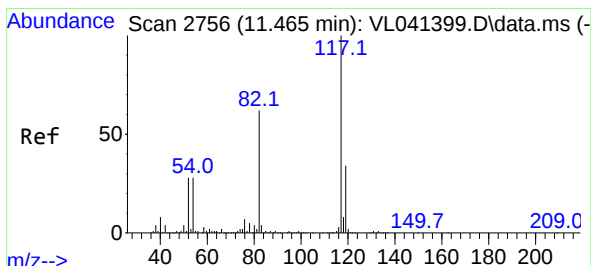
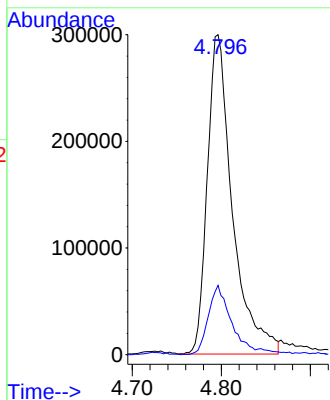
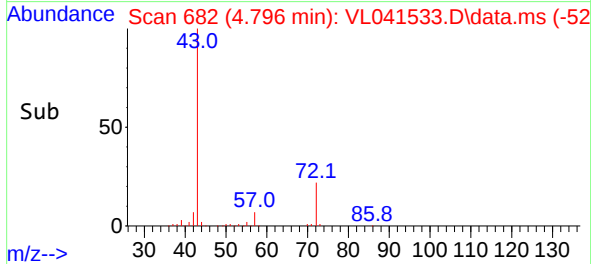
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL



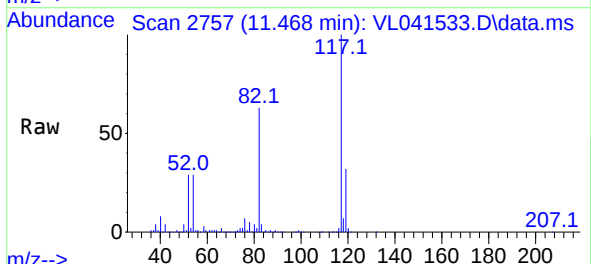
Tgt Ion: 43 Resp: 587198
Ion Ratio Lower Upper
43 100
72 21.5 17.3 25.9

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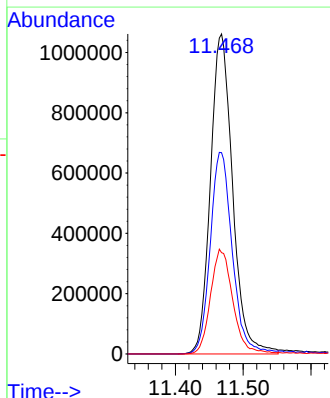
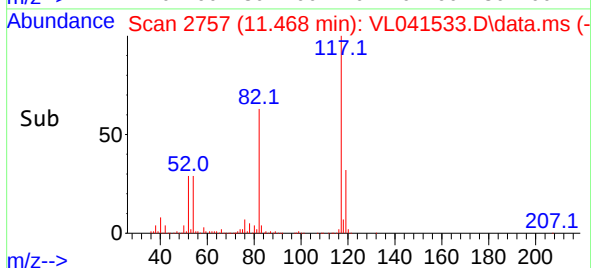
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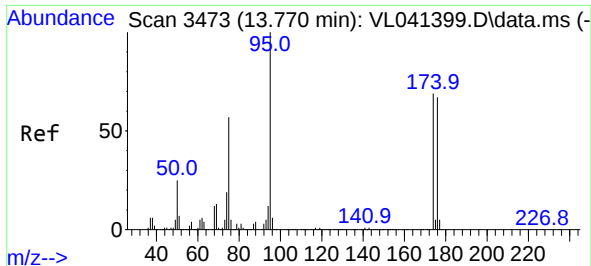


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041533.D
Acq: 12 Aug 2024 12:43



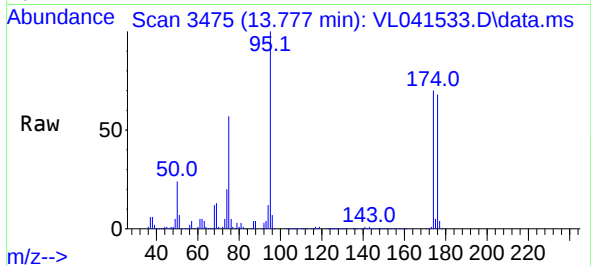
Tgt Ion:117 Resp: 2415253
Ion Ratio Lower Upper
117 100
82 64.3 51.0 76.6
119 33.2 45.2 67.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.877 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041533.D
Acq: 12 Aug 2024 12:43

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL



Tgt Ion: 95 Resp: 1835768
Ion Ratio Lower Upper
95 100
174 70.8 56.3 84.5
175 4.8 4.0 6.0

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