

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041562.D
 Acq On : 21 Aug 2024 11:07
 Operator : SY/MD
 Sample : P3659-02DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 22 01:09:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

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

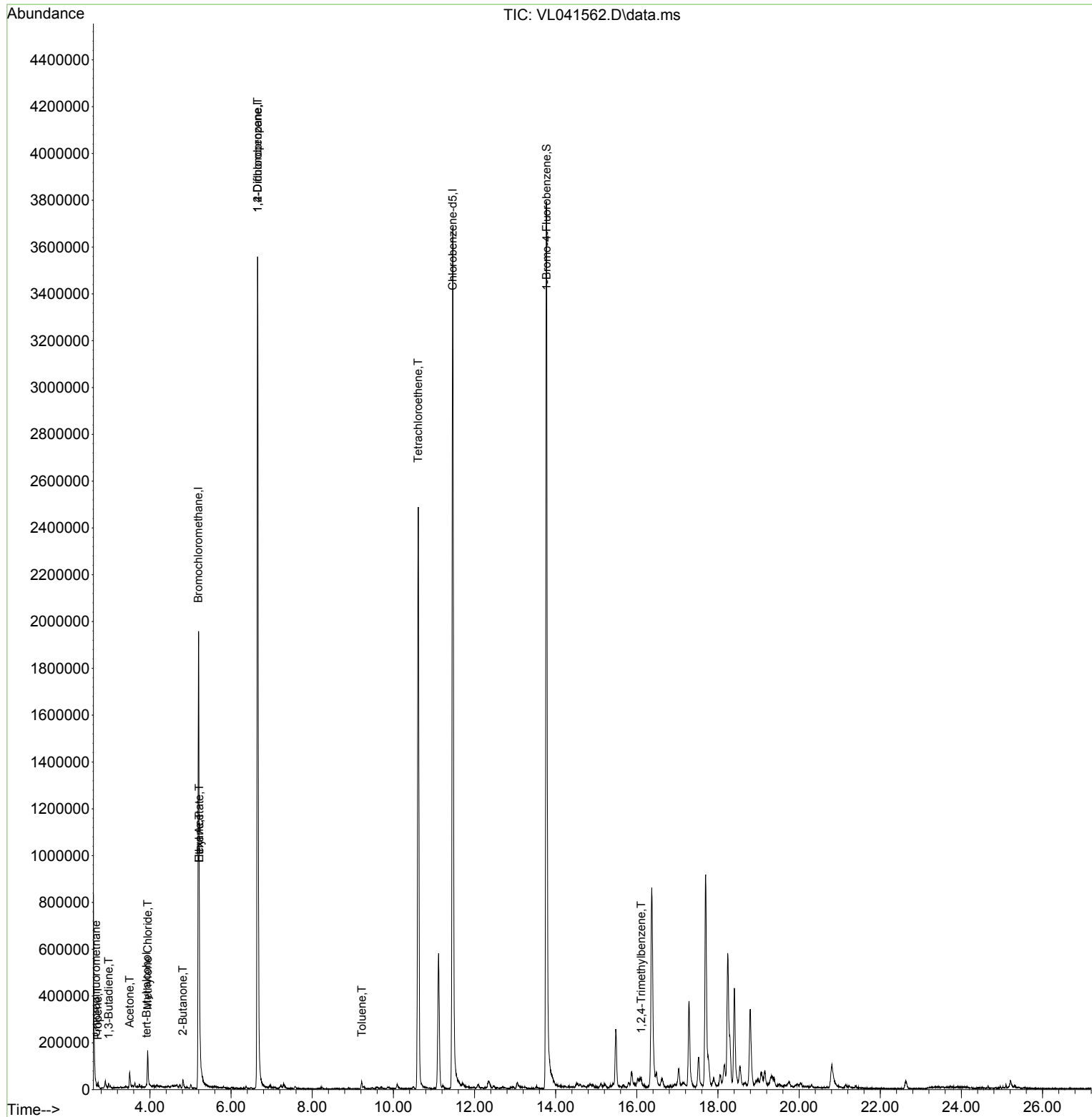
Internal Standards						
1) Bromochloromethane	5.195	49	1019865	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2754414	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2504975	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1875896	9.731	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.671	51	10612	0.087	ppbv #	69
9) Propene	2.710	41	3203	0.057	ppbv #	15
15) Acetone	3.501	43	63321	0.546	ppbv #	85
16) 1,3-Butadiene	2.983	39	3964	0.064	ppbv #	10
17) tert-Butyl alcohol	3.922	59	7253	0.069	ppbv	99
20) Methylene Chloride	3.948	84	47439	1.098	ppbv	94
25) Ethyl Acetate	5.218	43	37574	0.163	ppbv #	82
26) Hexane	5.218	57	45893	0.481	ppbv #	36
34) 2-Butanone	4.812	43	35970	0.270	ppbv #	86
39) 1,2-Dichloropropane	6.655	63	684856	8.888	ppbv #	26
52) Tetrachloroethene	10.613	164	640131	8.231	ppbv	97
53) Toluene	9.221	91	21188	0.095	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	12003	0.043	ppbv #	77

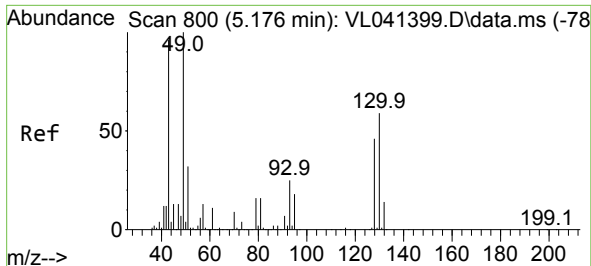
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

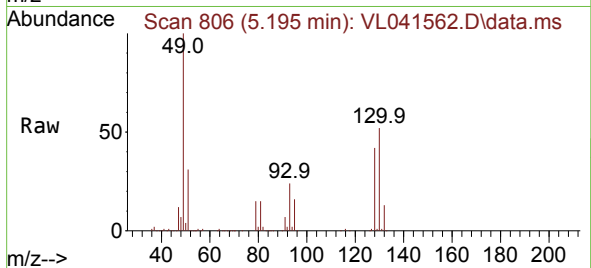
Quant Time: Aug 22 01:09:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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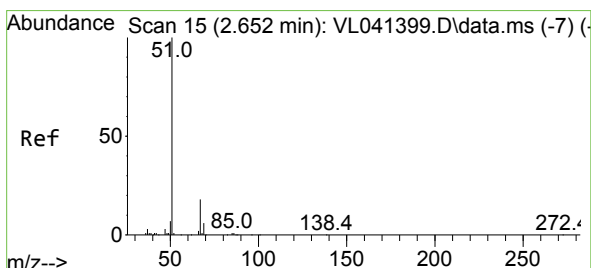
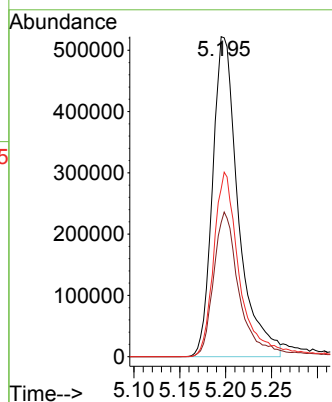
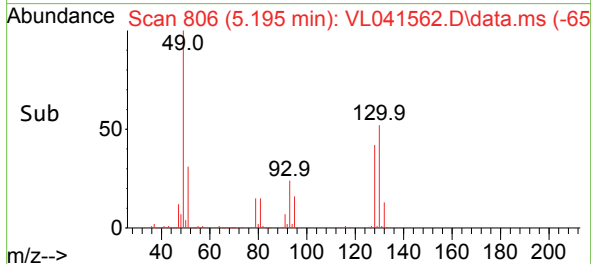


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

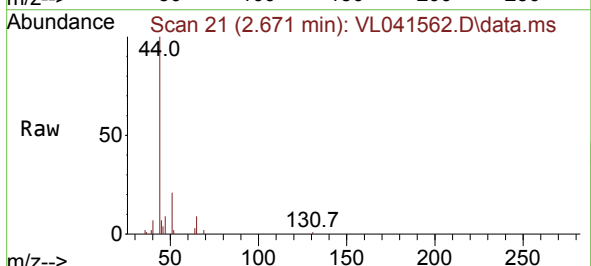
Instrument :
MSVOA_L
ClientSampleId :



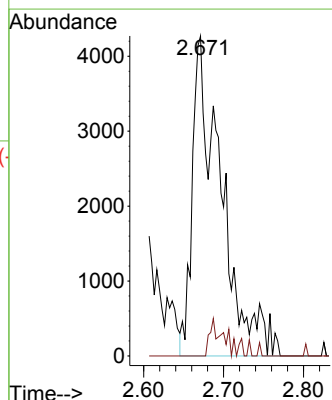
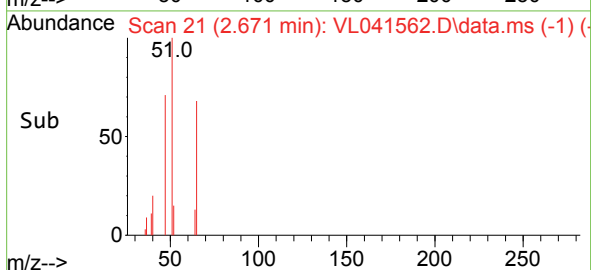
Tgt Ion: 49 Resp: 1019865
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.4
130 60.5 30.8 92.4

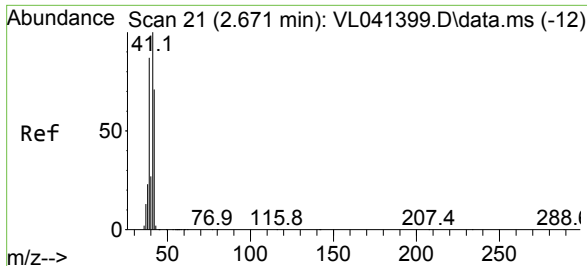


#3
Chlorodifluoromethane
Concen: 0.087 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07



Tgt Ion: 51 Resp: 10612
Ion Ratio Lower Upper
51 100
67 4.2 14.5 21.7

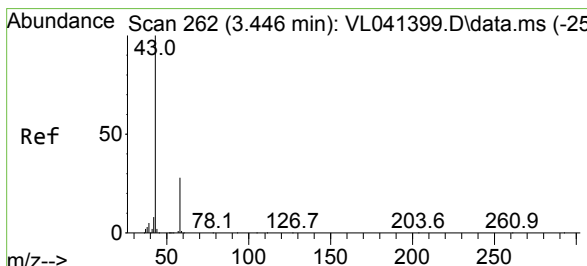
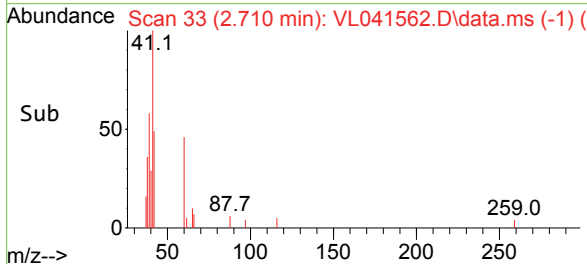
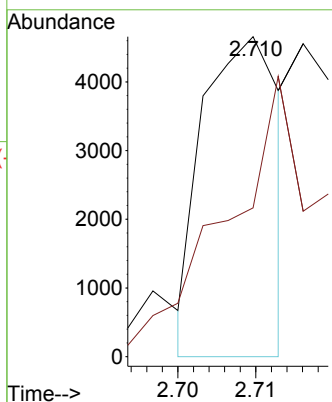
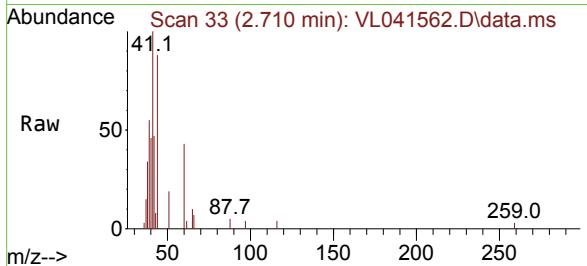




#9
Propene
Concen: 0.057 ppbv
RT: 2.710 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

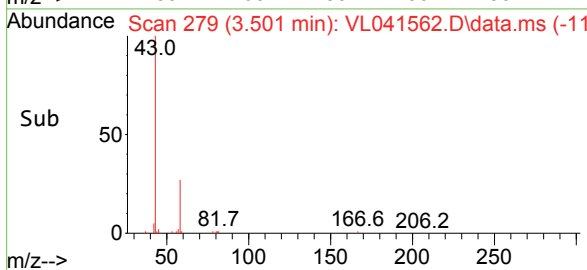
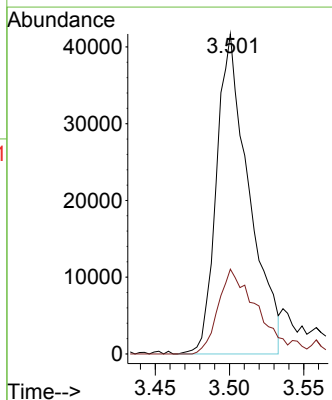
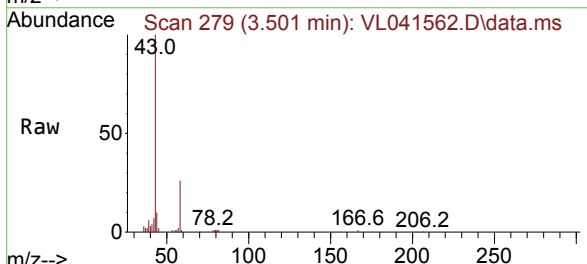
Instrument :
MSVOA_L
ClientSampleId :

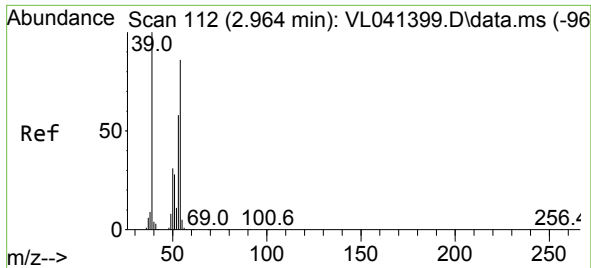
Tgt Ion: 41 Resp: 3203
Ion Ratio Lower Upper
41 100
42 0.0 55.9 83.9#



#15
Acetone
Concen: 0.546 ppbv
RT: 3.501 min Scan# 279
Delta R.T. 0.023 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

Tgt Ion: 43 Resp: 63321
Ion Ratio Lower Upper
43 100
58 34.6 21.4 32.2#

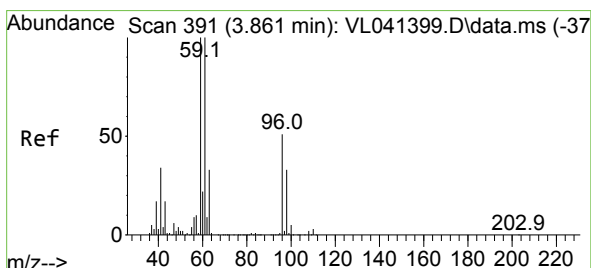
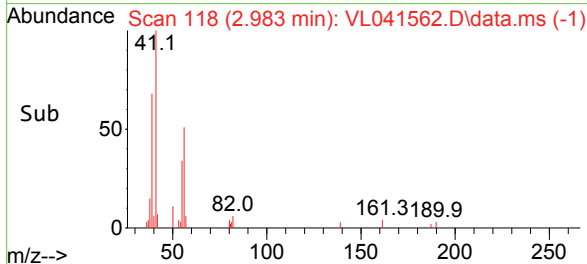
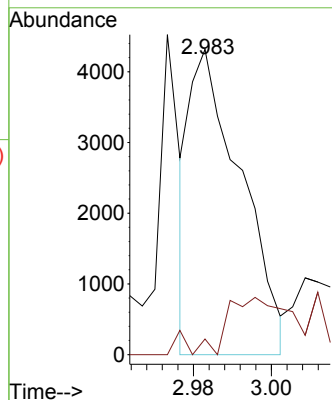
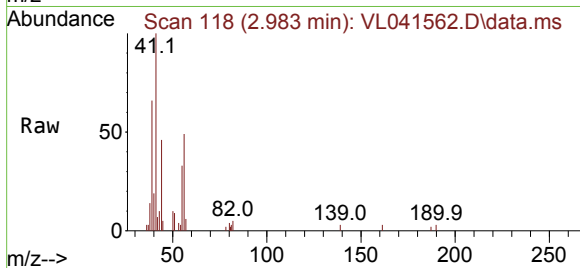




#16
1,3-Butadiene
Concen: 0.064 ppbv
RT: 2.983 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

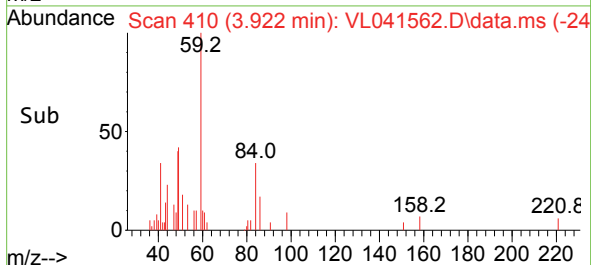
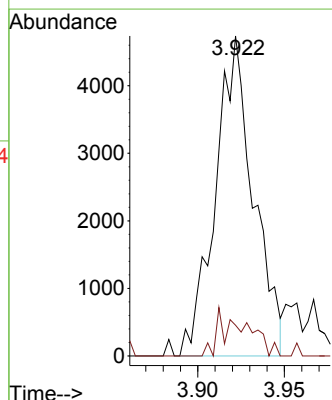
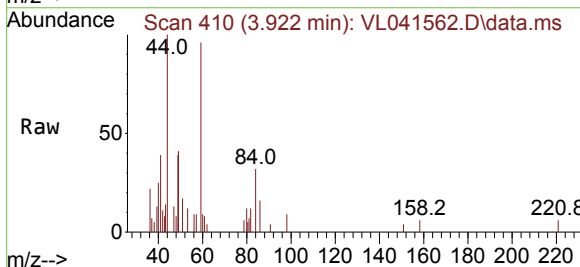
Instrument :
MSVOA_L
ClientSampleId :

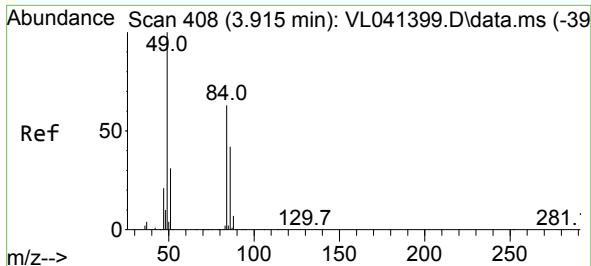
Tgt Ion: 39 Resp: 3964
Ion Ratio Lower Upper
39 100
54 0.0 62.5 93.7#



#17
tert-Butyl alcohol
Concen: 0.069 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.039 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

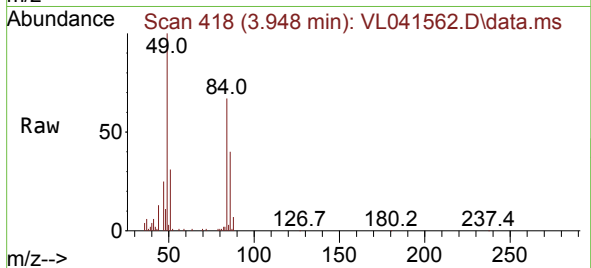
Tgt Ion: 59 Resp: 7253
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8





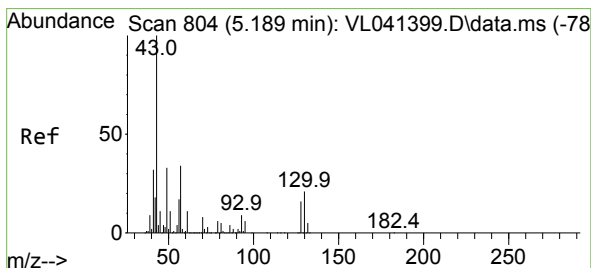
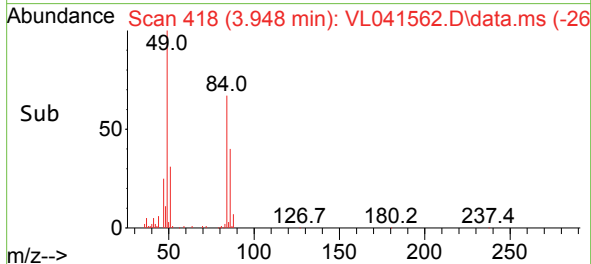
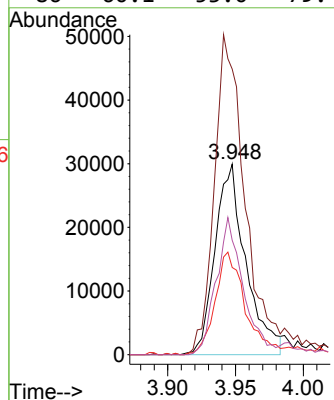
#20
Methylene Chloride
Concen: 1.098 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.007 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 47439

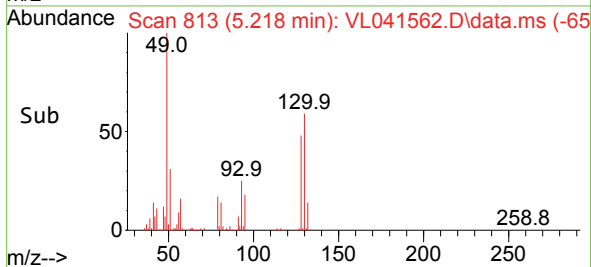
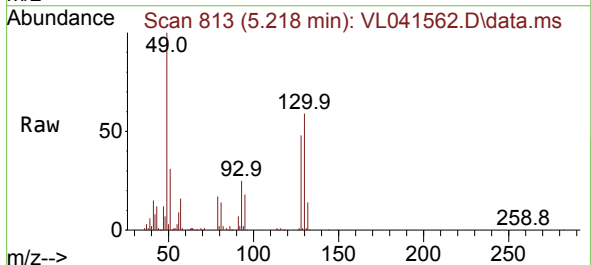
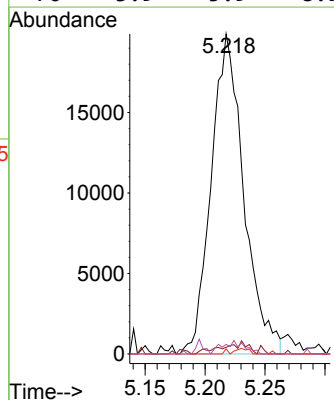
Ion	Ratio	Lower	Upper
84	100		
49	149.9	126.6	190.0
51	45.7	38.6	58.0
86	60.1	53.0	79.4

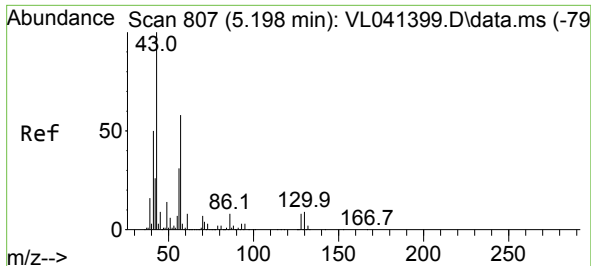


#25
Ethyl Acetate
Concen: 0.163 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.010 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

Tgt Ion: 43 Resp: 37574

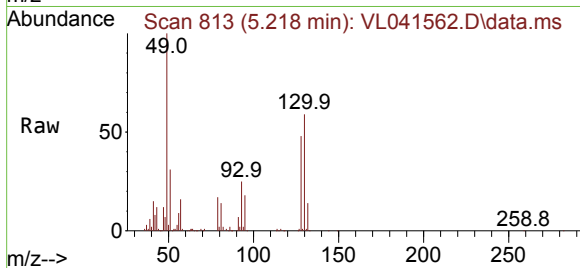
Ion	Ratio	Lower	Upper
43	100		
45	3.9	8.5	12.7#
61	1.0	8.0	12.0#
70	3.9	5.9	8.9#



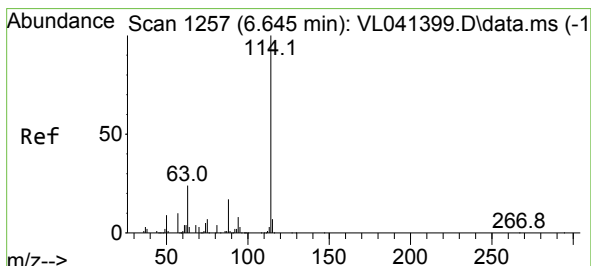
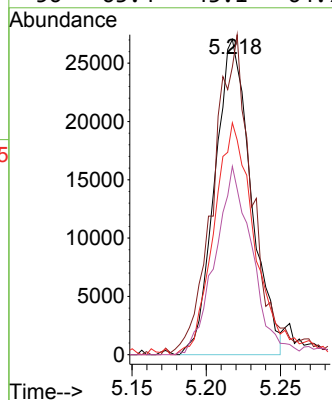
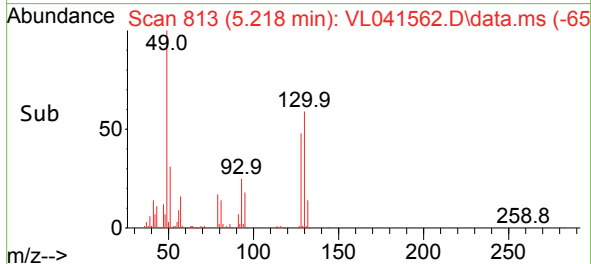


#26
Hexane
Concen: 0.481 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

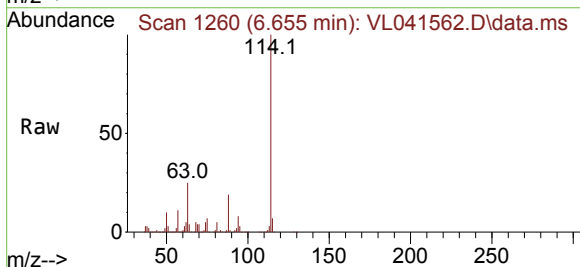
Instrument :
MSVOA_L
ClientSampleId :



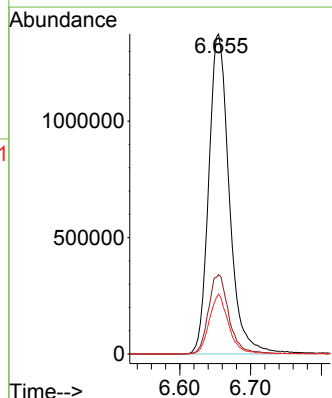
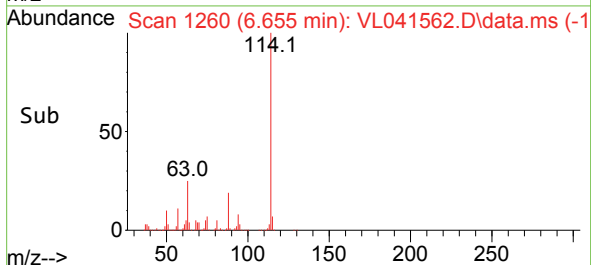
Tgt Ion: 57 Resp: 45893
Ion Ratio Lower Upper
57 100
41 112.9 74.0 111.0#
43 85.9 193.6 290.4#
56 63.4 43.1 64.7

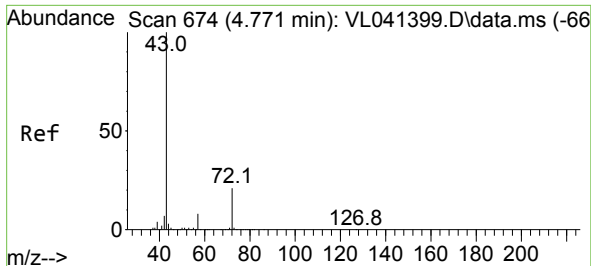


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07



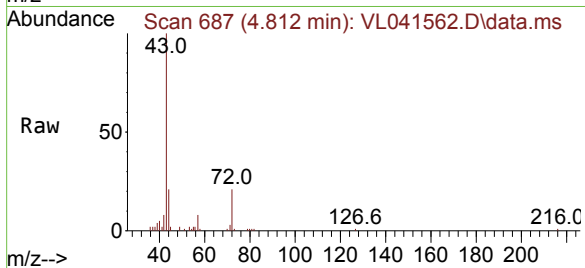
Tgt Ion:114 Resp: 2754414
Ion Ratio Lower Upper
114 100
63 25.0 20.3 30.5
88 17.9 14.3 21.5



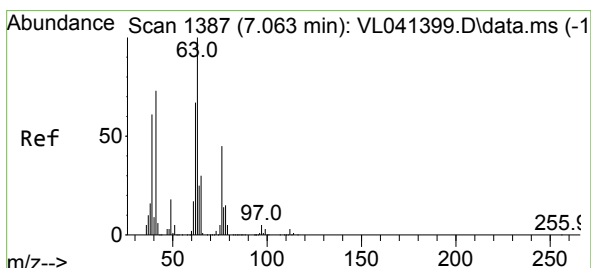
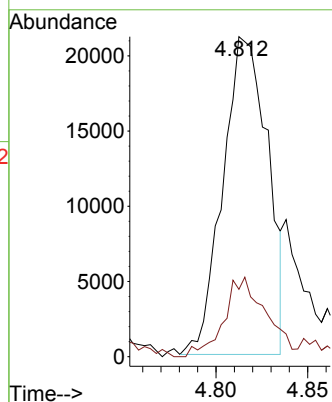
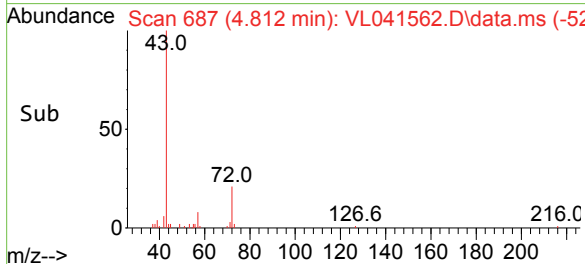


#34
2-Butanone
Concen: 0.270 ppbv
RT: 4.812 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

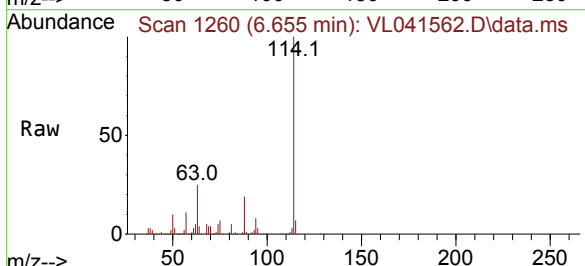
Instrument :
MSVOA_L
ClientSampleId :



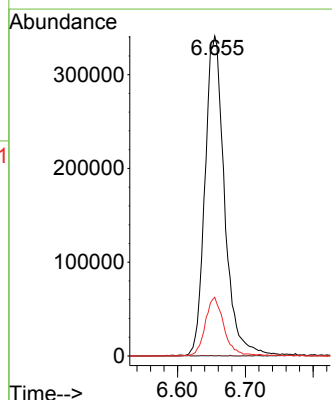
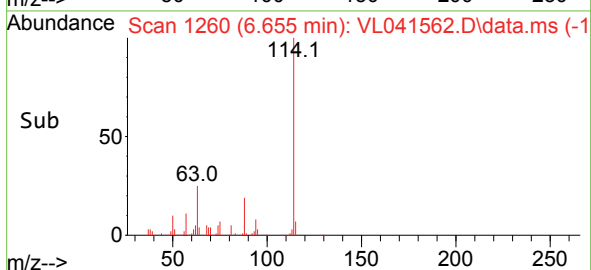
Tgt Ion: 43 Resp: 35970
Ion Ratio Lower Upper
43 100
72 28.0 17.3 25.9#

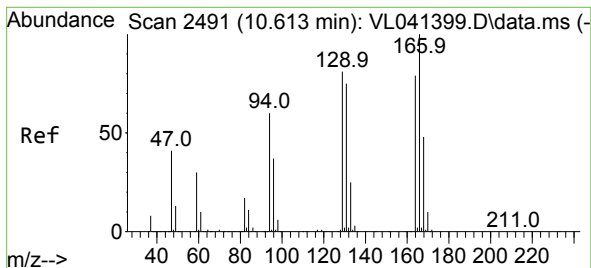


#39
1,2-Dichloropropane
Concen: 8.888 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.421 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07



Tgt Ion: 63 Resp: 684856
Ion Ratio Lower Upper
63 100
41 0.0 58.3 87.5#
62 18.4 53.9 80.9#





#52

Tetrachloroethene

Concen: 8.231 ppbv

RT: 10.613 min Scan# 2491

Delta R.T. -0.003 min

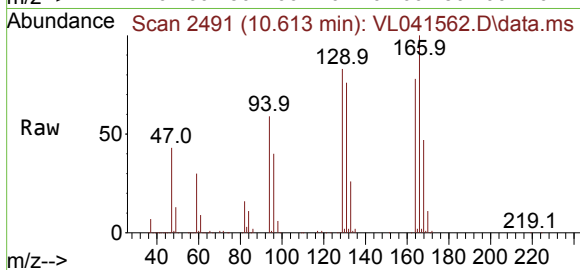
Lab File: VL041562.D

Acq: 21 Aug 2024 11:07

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:164 Resp: 640131

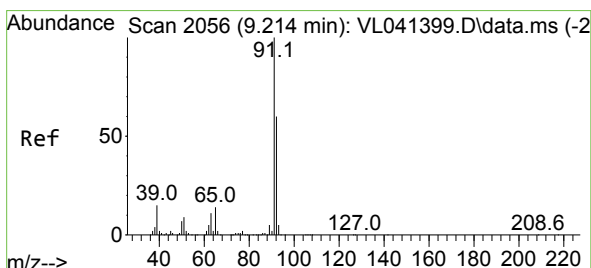
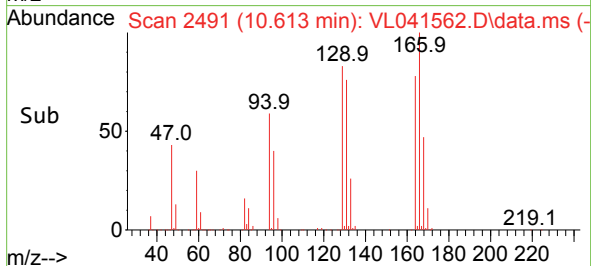
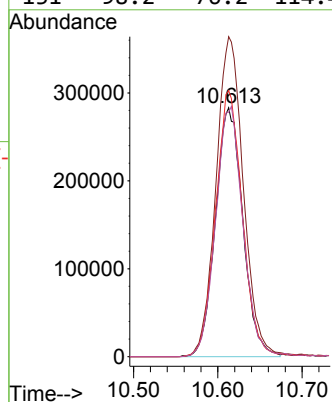
Ion Ratio Lower Upper

164 100

166 128.5 101.1 151.7

129 106.9 81.7 122.5

131 98.2 76.2 114.4



#53

Toluene

Concen: 0.095 ppbv

RT: 9.221 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VL041562.D

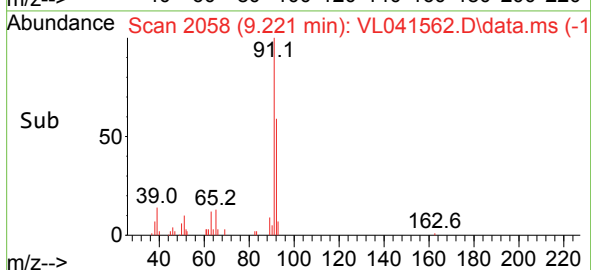
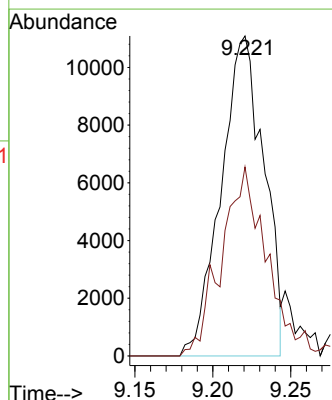
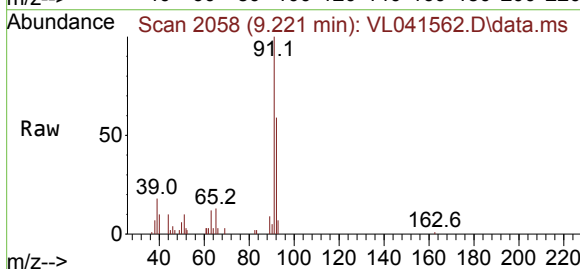
Acq: 21 Aug 2024 11:07

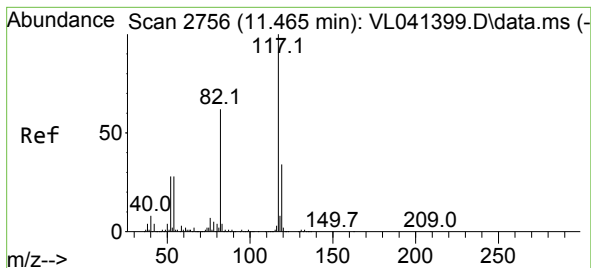
Tgt Ion: 91 Resp: 21188

Ion Ratio Lower Upper

91 100

92 63.2 48.7 73.1

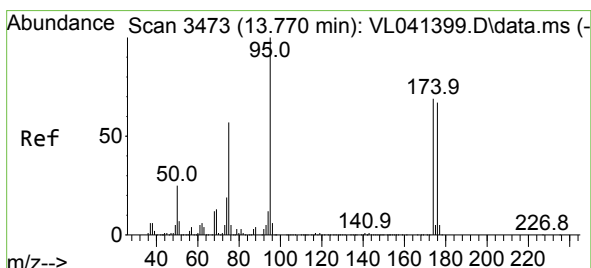
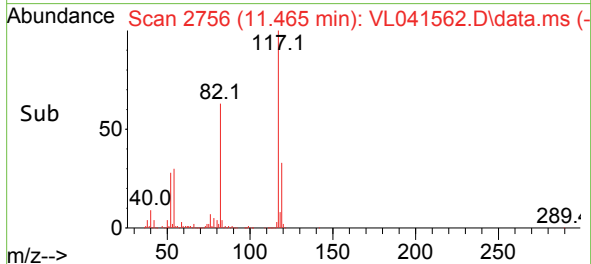
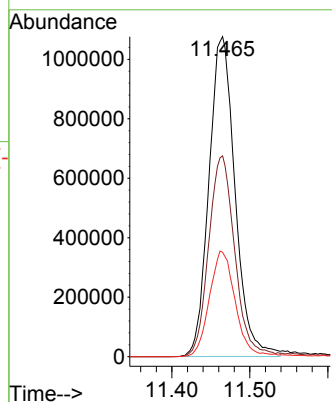
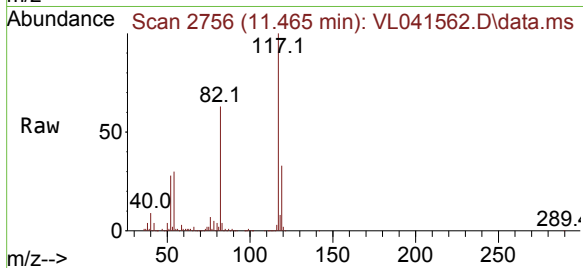




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

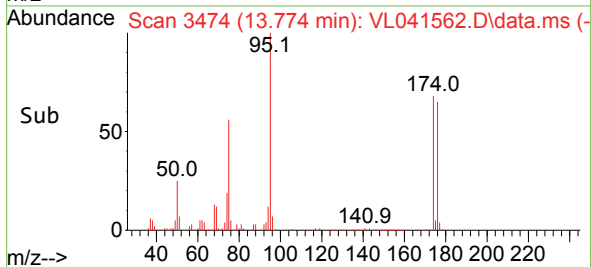
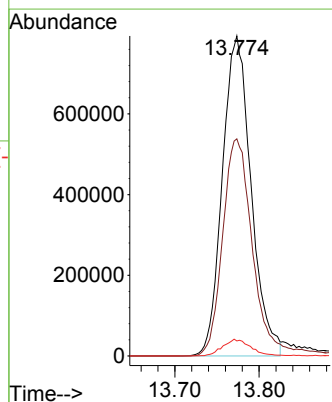
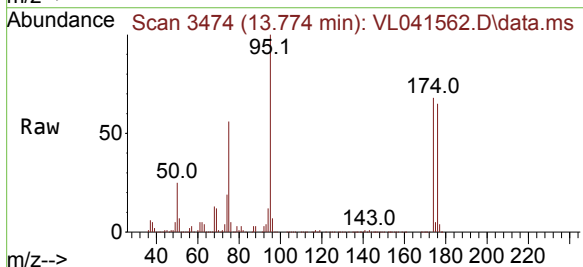
Instrument :
MSVOA_L
ClientSampleId :

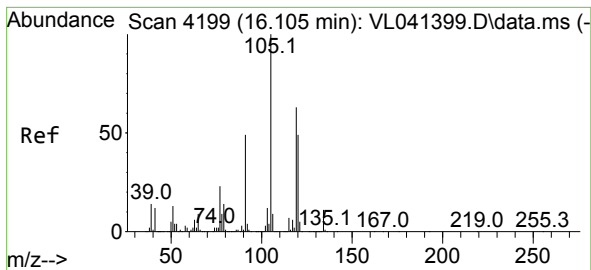
Tgt Ion:117 Resp: 2504975
Ion Ratio Lower Upper
117 100
82 64.6 51.0 76.6
119 33.5 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.731 ppbv
RT: 13.774 min Scan# 3474
Delta R.T. 0.000 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

Tgt Ion: 95 Resp: 1875896
Ion Ratio Lower Upper
95 100
174 73.3 56.3 84.5
175 5.3 4.0 6.0





#74

1,2,4-Trimethylbenzene

Concen: 0.043 ppbv

RT: 16.105 min Scan# 41

Delta R.T. -0.003 min

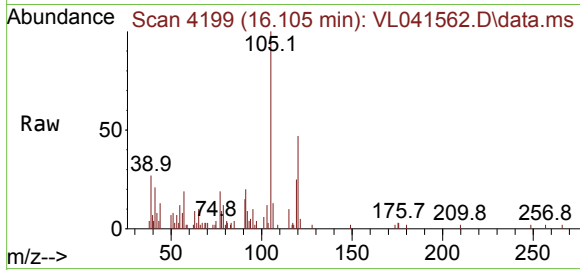
Lab File: VL041562.D

Acq: 21 Aug 2024 11:07

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	105	Resp:	12003
Ion	Ratio	Lower	Upper
105	100		
120	43.6	39.5	59.3
91	25.4	39.8	59.8#
77	10.3	18.2	27.4#

