

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041528.D
 Acq On : 12 Aug 2024 9:26
 Operator : SY/MD
 Sample : VL0812ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 13 02:10:44 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 : Tue Aug 13 02:09:20 2024
 Response via : Initial Calibration

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

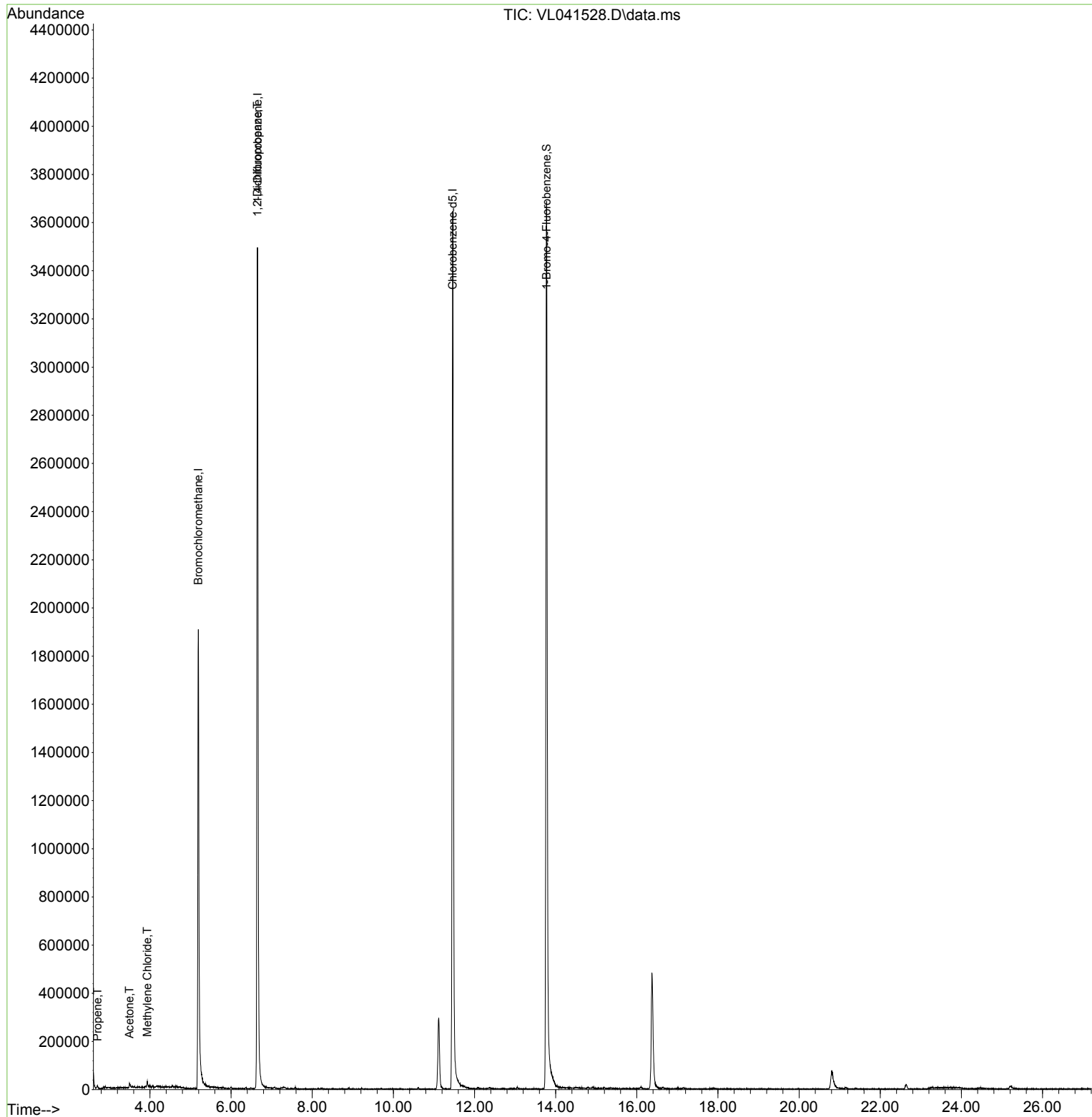
Internal Standards						
1) Bromochloromethane	5.192	49	1006565	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2741893	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2459164	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1894639	10.011	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.100%	
Target Compounds						
						Qvalue
9) Propene	2.703	41	4964	0.090	ppbv	98
15) Acetone	3.497	43	17314	0.151	ppbv	98
20) Methylene Chloride	3.935	84	7309	0.171	ppbv	# 65
39) 1,2-Dichloropropane	6.648	63	672427	8.767	ppbv	# 25

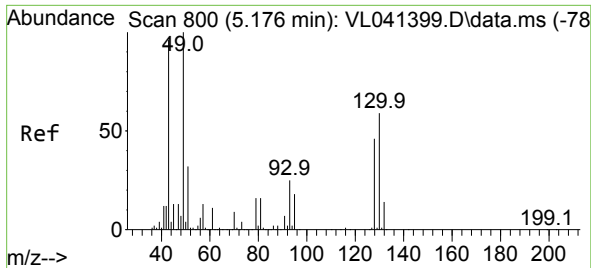
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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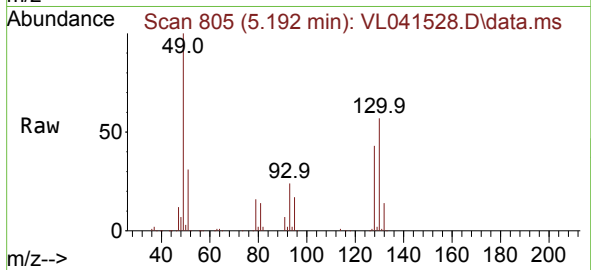
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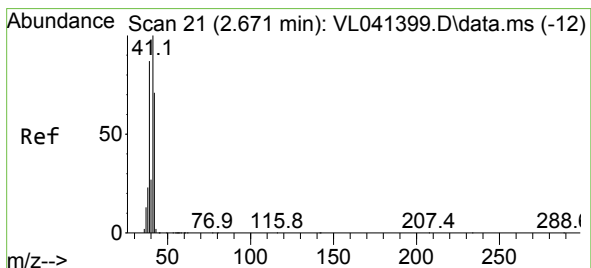
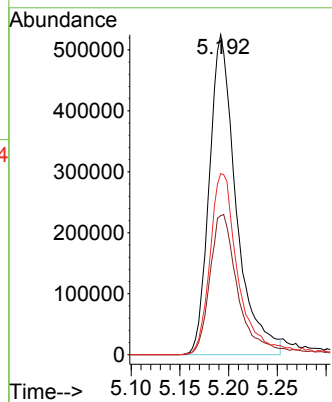
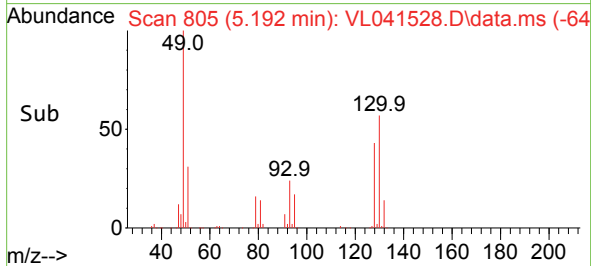


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL041528.D
Acq: 12 Aug 2024 9:26

Instrument :
MSVOA_L
ClientSampleId :

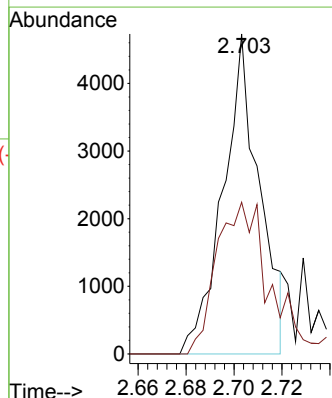
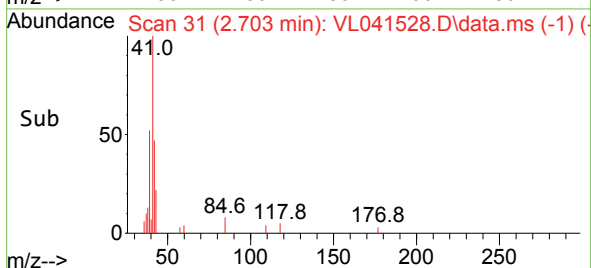
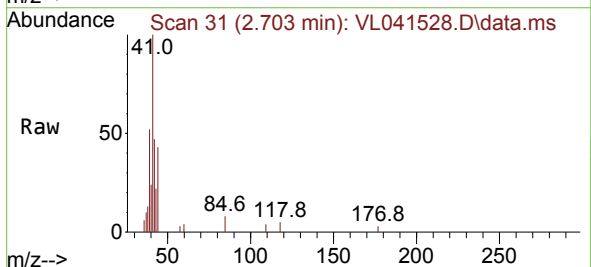


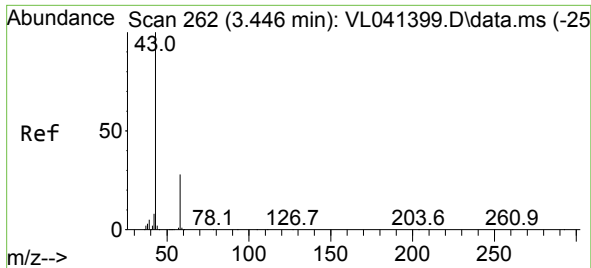
Tgt Ion: 49 Resp: 1006565
Ion Ratio Lower Upper
49 100
128 47.1 23.8 71.4
130 61.4 30.8 92.4



#9
Propene
Concen: 0.090 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041528.D
Acq: 12 Aug 2024 9:26

Tgt Ion: 41 Resp: 4964
Ion Ratio Lower Upper
41 100
42 71.8 55.9 83.9





#15

Acetone

Concen: 0.151 ppbv

RT: 3.497 min Scan# 21

Delta R.T. 0.029 min

Lab File: VL041528.D

Acq: 12 Aug 2024 9:26

Instrument :

MSVOA_L

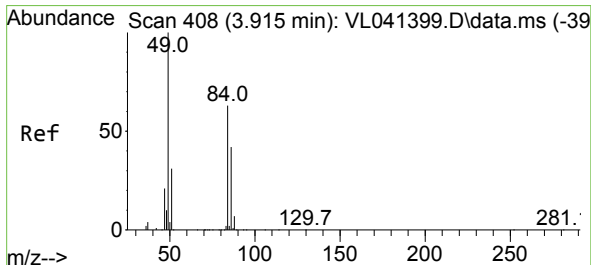
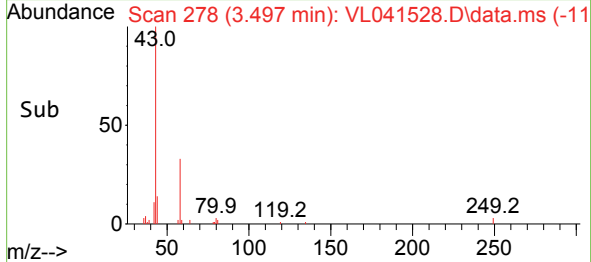
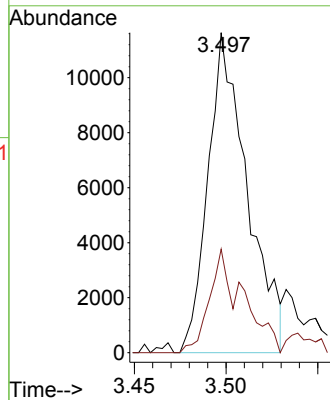
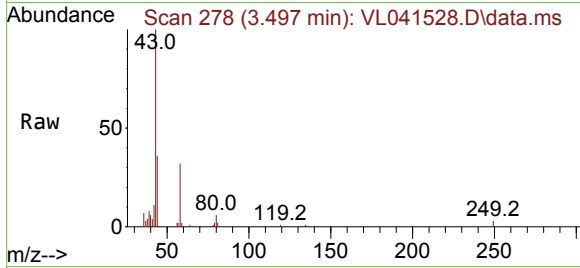
ClientSampleId :

Tgt Ion: 43 Resp: 17314

Ion Ratio Lower Upper

43 100

58 27.9 21.4 32.2



#20

Methylene Chloride

Concen: 0.171 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.003 min

Lab File: VL041528.D

Acq: 12 Aug 2024 9:26

Tgt Ion: 84 Resp: 7309

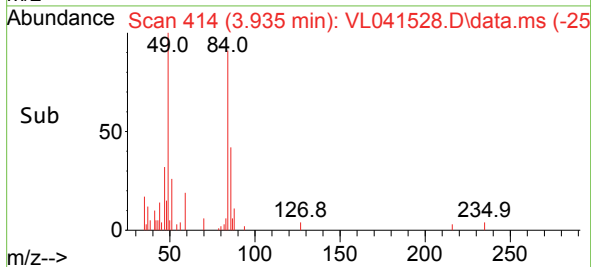
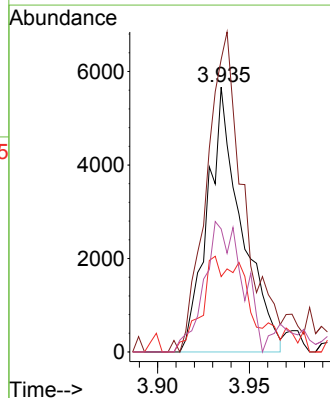
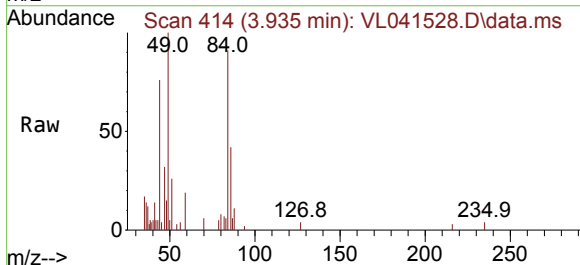
Ion Ratio Lower Upper

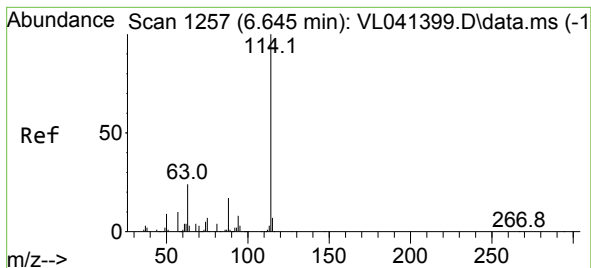
84 100

49 110.5 126.6 190.0#

51 24.7 38.6 58.0#

86 42.0 53.0 79.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041528.D

Acq: 12 Aug 2024 9:26

Instrument :

MSVOA_L

ClientSampleId :

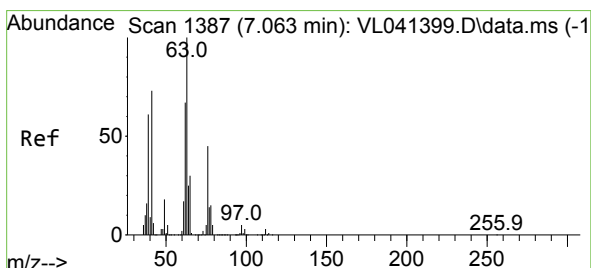
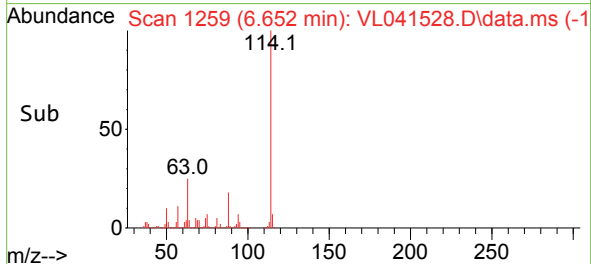
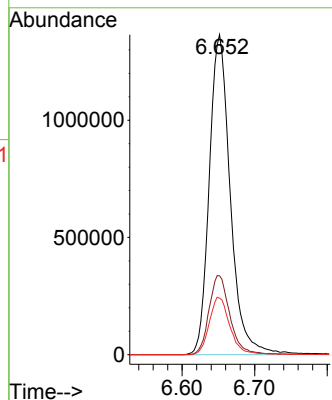
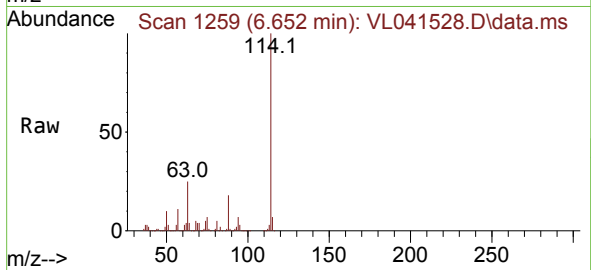
Tgt Ion:114 Resp: 2741893

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.9 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.767 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.424 min

Lab File: VL041528.D

Acq: 12 Aug 2024 9:26

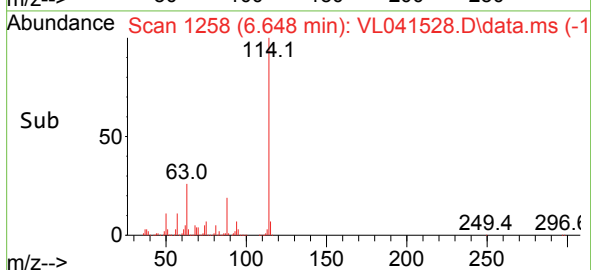
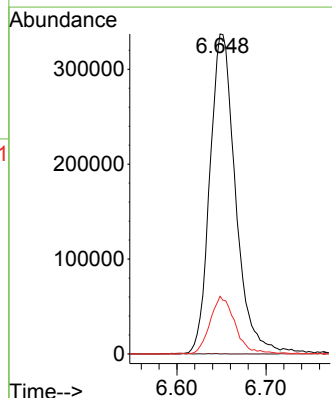
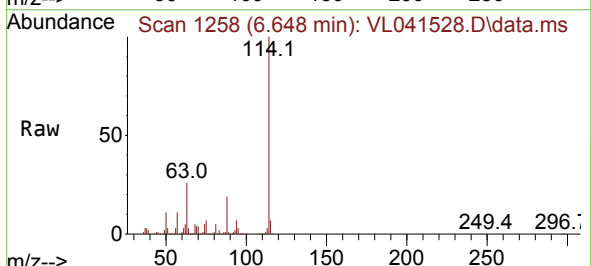
Tgt Ion: 63 Resp: 672427

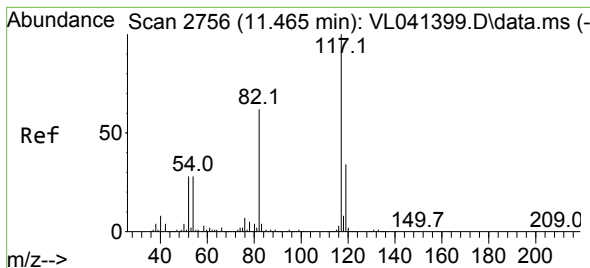
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 18.0 53.9 80.9#

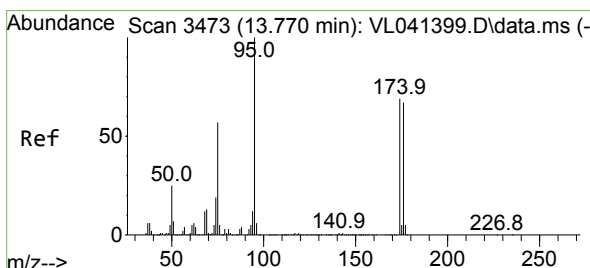
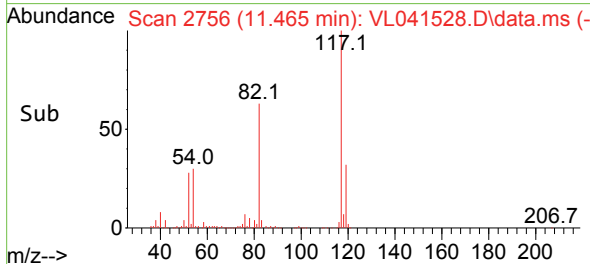
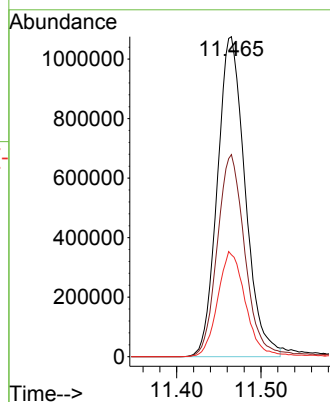
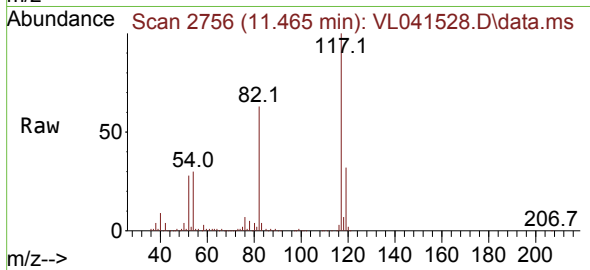




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041528.D
Acq: 12 Aug 2024 9:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2459164
Ion Ratio Lower Upper
117 100
82 64.8 51.0 76.6
119 33.3 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.011 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041528.D
Acq: 12 Aug 2024 9:26

Tgt Ion: 95 Resp: 1894639
Ion Ratio Lower Upper
95 100
174 71.2 56.3 84.5
175 5.2 4.0 6.0

