

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041543.D
 Acq On : 19 Aug 2024 11:29
 Operator : SY/MD
 Sample : QC081324 CAN 10604
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081324 CAN 10604

Quant Time: Aug 20 02:15:24 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 20 02:10:04 2024
 Response via : Initial Calibration

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

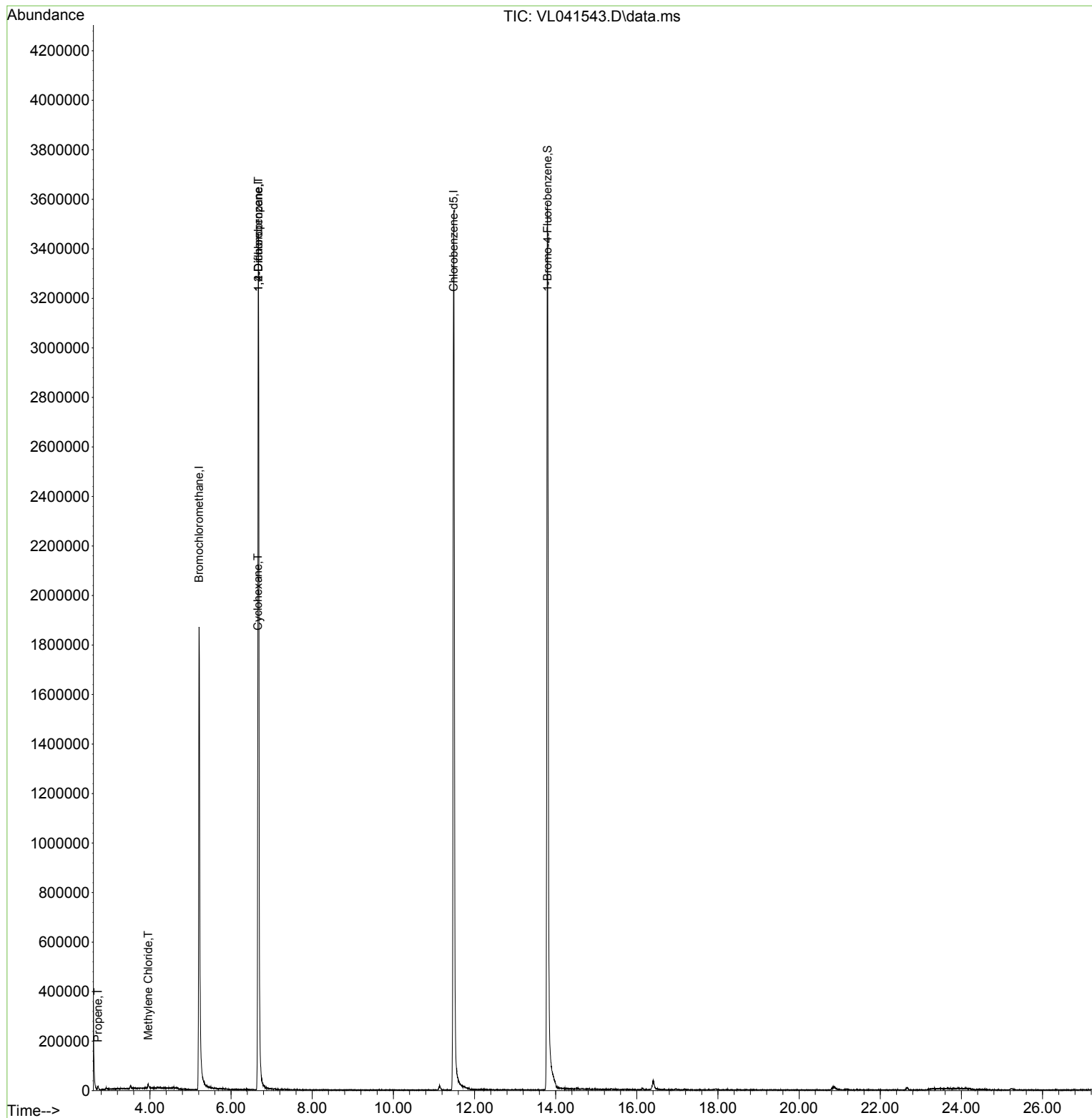
Internal Standards						
1) Bromochloromethane	5.211	49	990128	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2684055	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2394412	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1834029	9.953	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
9) Propene	2.719	41	5416	0.100	ppbv	93
20) Methylene Chloride	3.960	84	4308	0.103	ppbv #	68
30) Cyclohexane	6.658	84	2372	0.031	ppbv #	1
39) 1,2-Dichloropropane	6.671	63	671014	8.937	ppbv #	25

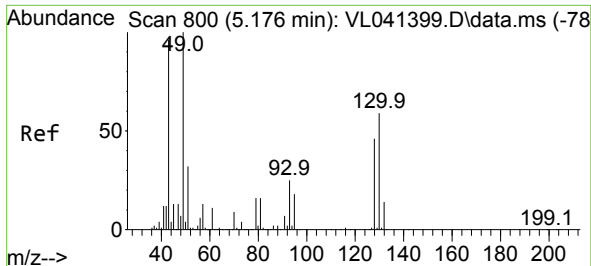
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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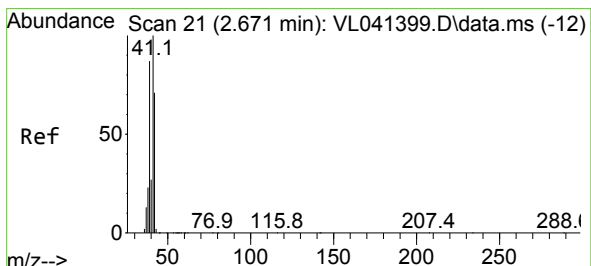
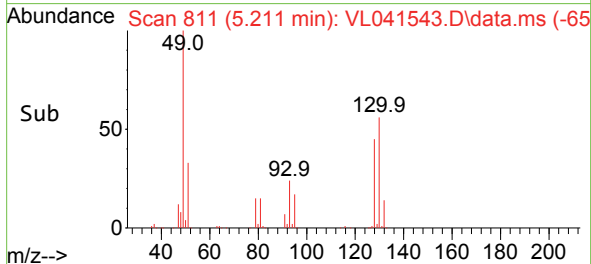
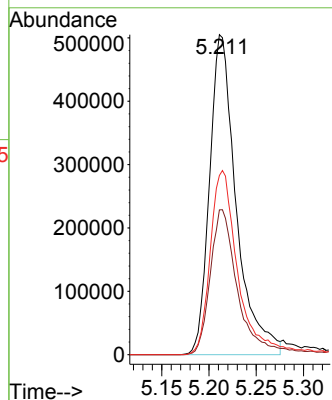
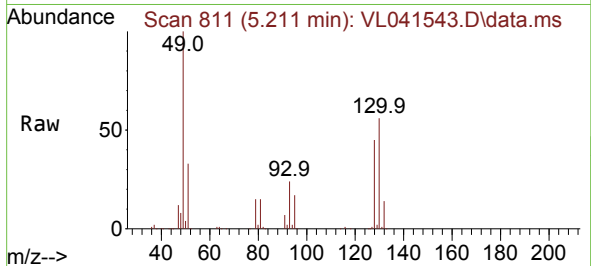




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041543.D
Acq: 19 Aug 2024 11:29

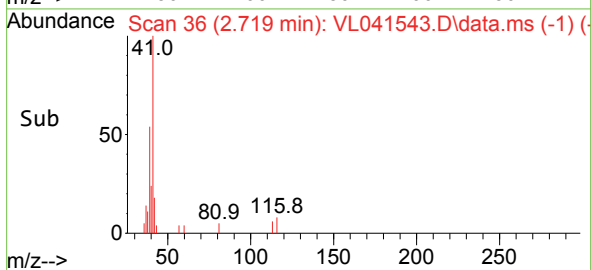
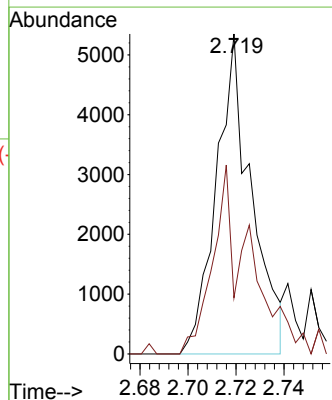
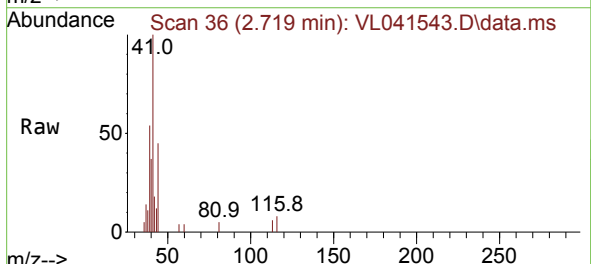
Instrument :
MSVOA_L
ClientSampleId :
QC081324 CAN 10604

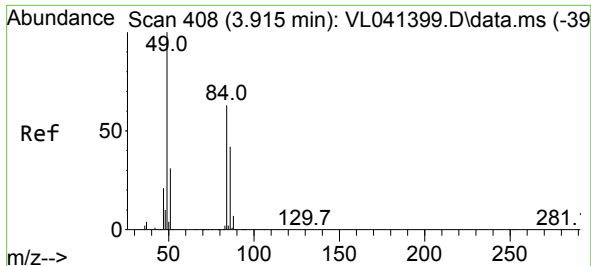
Tgt Ion: 49 Resp: 990128
Ion Ratio Lower Upper
49 100
128 48.5 23.8 71.4
130 62.2 30.8 92.4



#9
Propene
Concen: 0.100 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.006 min
Lab File: VL041543.D
Acq: 19 Aug 2024 11:29

Tgt Ion: 41 Resp: 5416
Ion Ratio Lower Upper
41 100
42 64.1 55.9 83.9

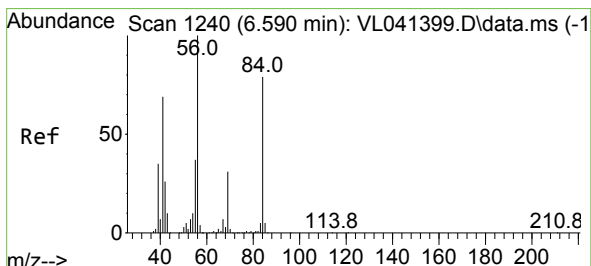
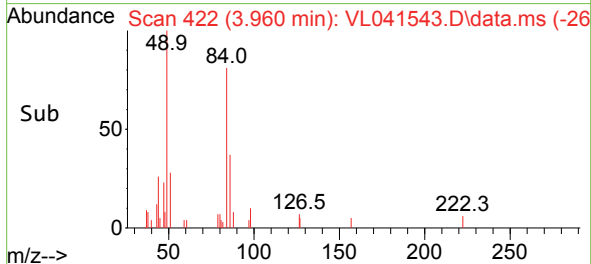
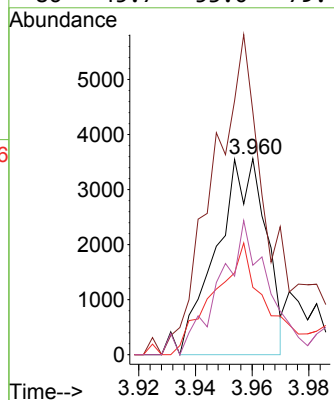
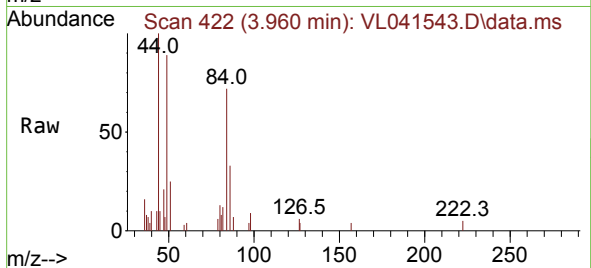




#20
Methylene Chloride
Concen: 0.103 ppbv
RT: 3.960 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041543.D
Acq: 19 Aug 2024 11:29

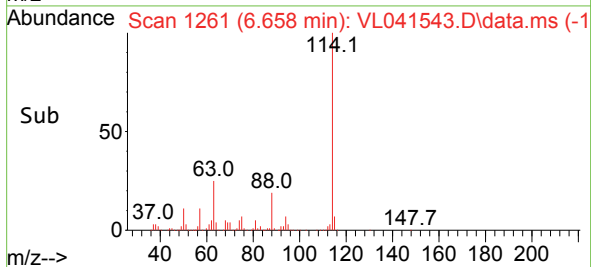
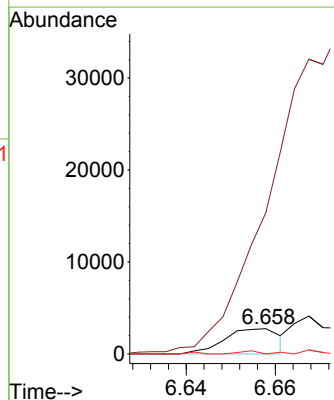
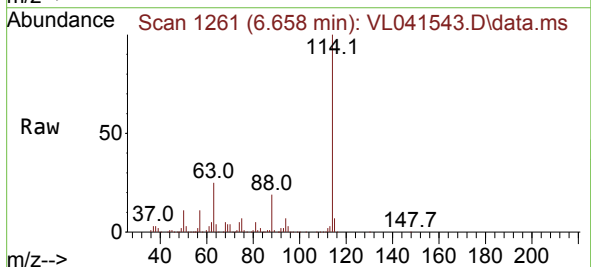
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QC081324 CAN 10604

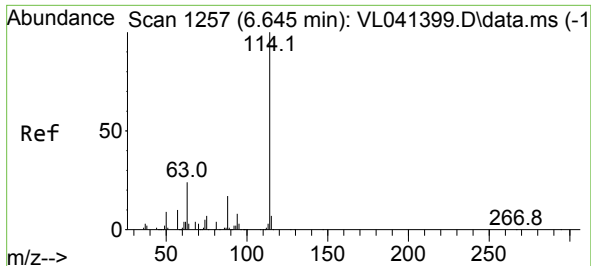
Tgt Ion: 84 Resp: 4308
Ion Ratio Lower Upper
84 100
49 110.1 126.6 190.0#
51 29.8 38.6 58.0#
86 45.7 53.0 79.4#



#30
Cyclohexane
Concen: 0.031 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.035 min
Lab File: VL041543.D
Acq: 19 Aug 2024 11:29

Tgt Ion: 84 Resp: 2372
Ion Ratio Lower Upper
84 100
56 0.0 111.2 166.8#
41 1.9 70.3 105.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VL041543.D

Acq: 19 Aug 2024 11:29

Instrument :

MSVOA_L

ClientSampleId :

QC081324 CAN 10604

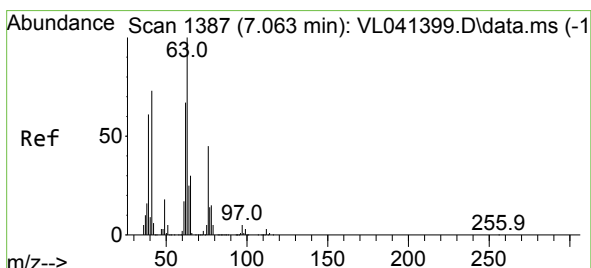
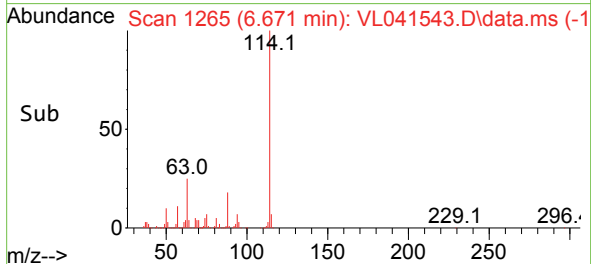
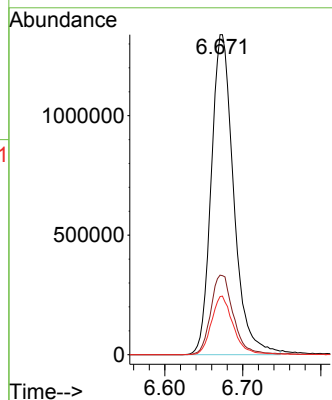
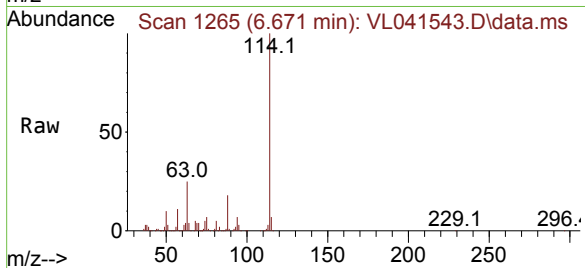
Tgt Ion:114 Resp: 2684055

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

88 18.0 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.937 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.425 min

Lab File: VL041543.D

Acq: 19 Aug 2024 11:29

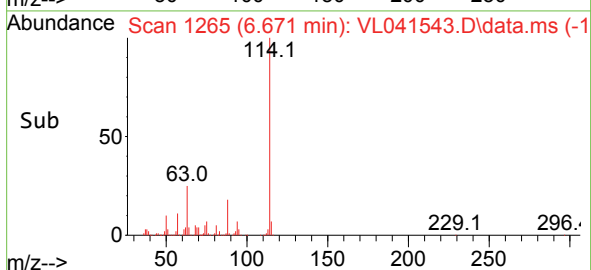
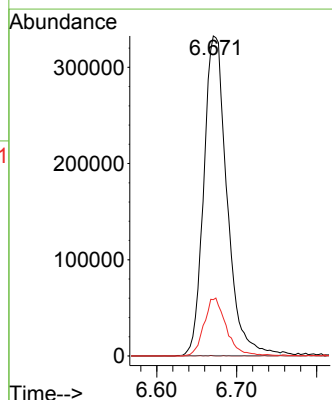
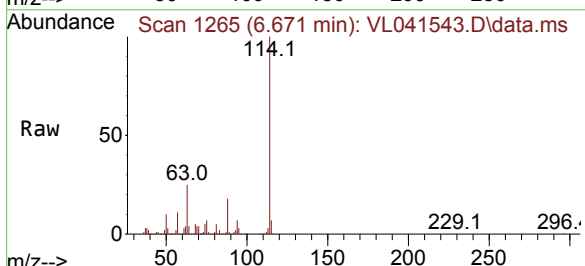
Tgt Ion: 63 Resp: 671014

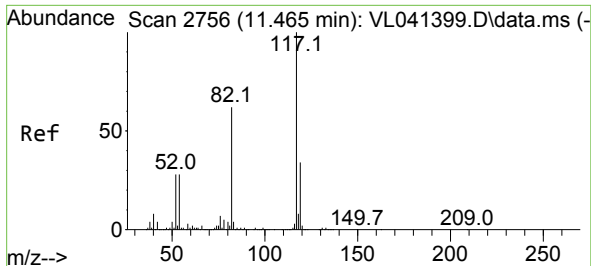
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 17.7 53.9 80.9#

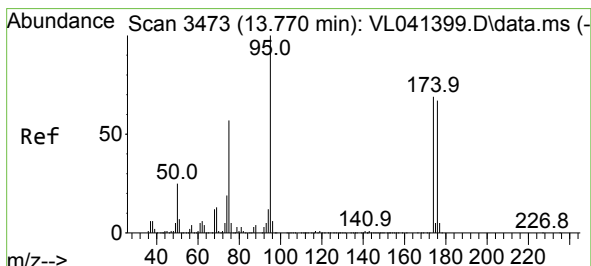
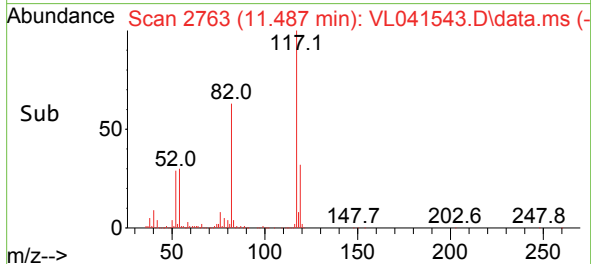
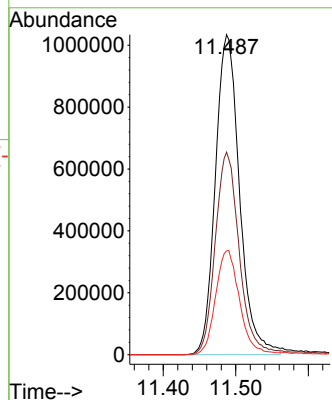
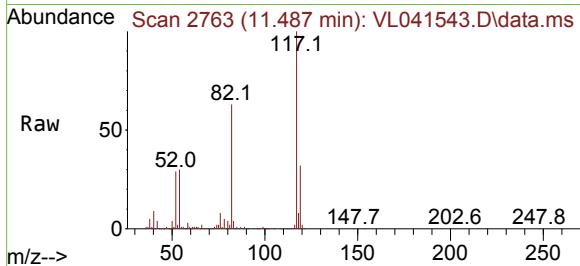




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041543.D
Acq: 19 Aug 2024 11:29

Instrument :
MSVOA_L
ClientSampleId :
QC081324 CAN 10604

Tgt Ion:117 Resp: 2394412
Ion Ratio Lower Upper
117 100
82 64.5 51.0 76.6
119 33.4 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.953 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. -0.000 min
Lab File: VL041543.D
Acq: 19 Aug 2024 11:29

Tgt Ion: 95 Resp: 1834029
Ion Ratio Lower Upper
95 100
174 71.4 56.3 84.5
175 5.1 4.0 6.0

