

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041541.D
 Acq On : 19 Aug 2024 10:07
 Operator : SY/MD
 Sample : VL0819ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABL01

Quant Time: Aug 20 02:14:14 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	895764	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2374230	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2131055	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1588219	9.684	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

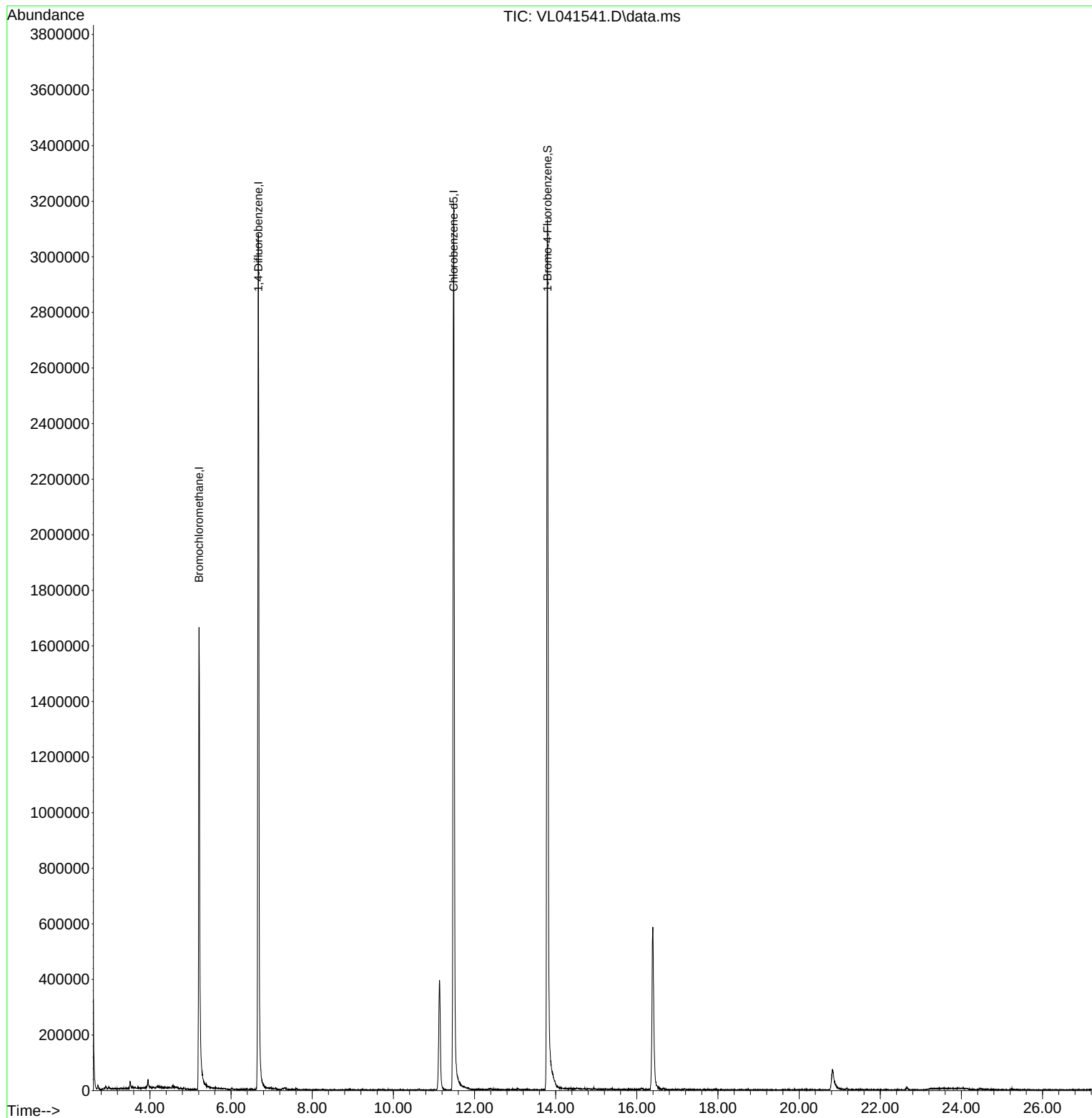
Target Compounds	Qvalue

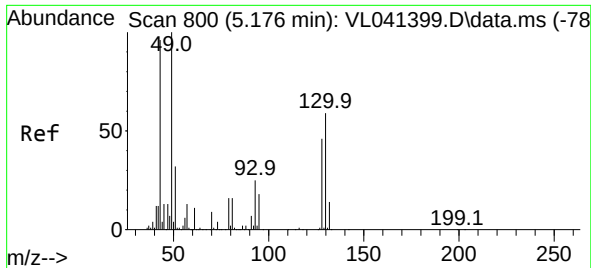
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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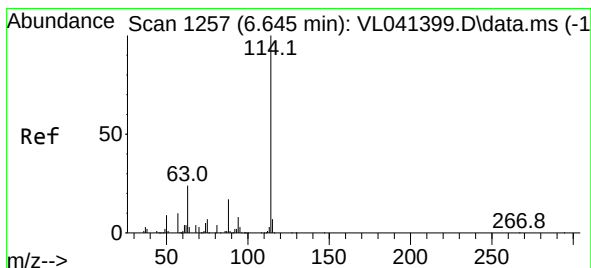
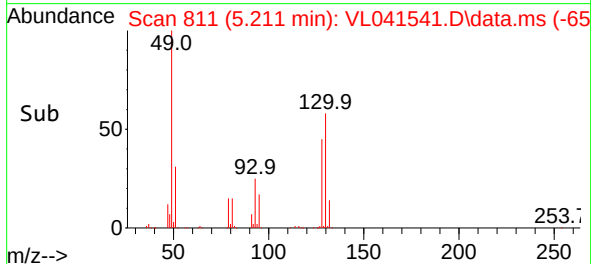
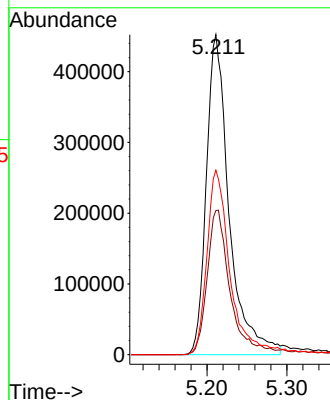
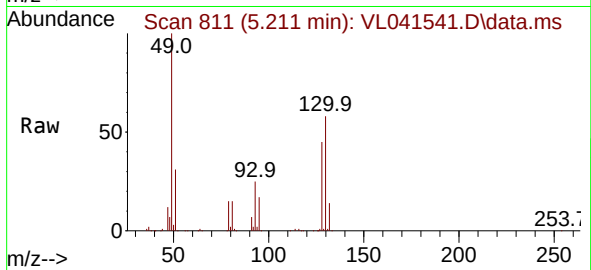




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041541.D
Acq: 19 Aug 2024 10:07

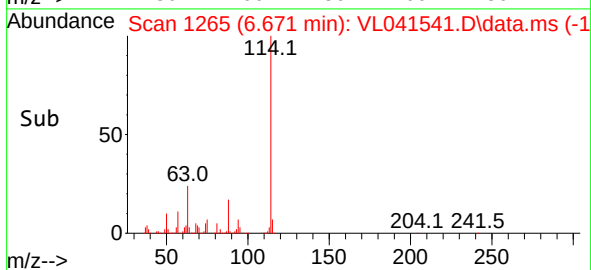
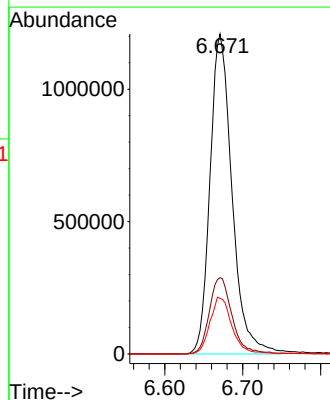
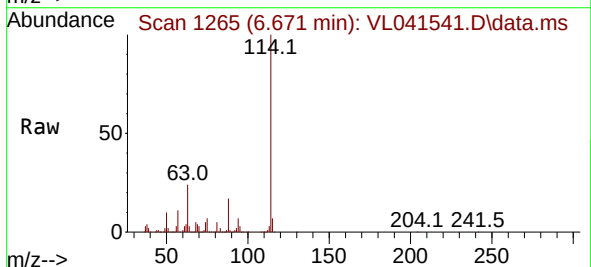
Instrument :
MSVOA_L
ClientSampleId :
VL0819ABL01

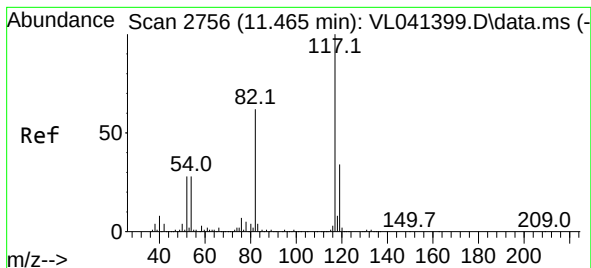
Tgt Ion: 49 Resp: 895764
Ion Ratio Lower Upper
49 100
128 47.0 23.8 71.4
130 61.2 30.8 92.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VL041541.D
Acq: 19 Aug 2024 10:07

Tgt Ion: 114 Resp: 2374230
Ion Ratio Lower Upper
114 100
63 24.9 20.3 30.5
88 17.9 14.3 21.5

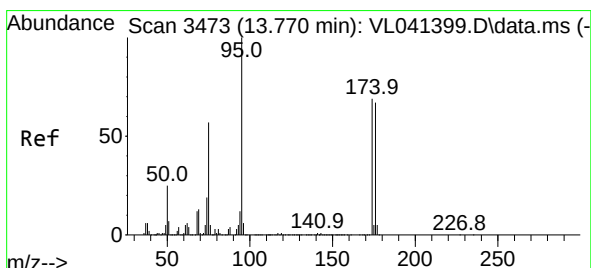
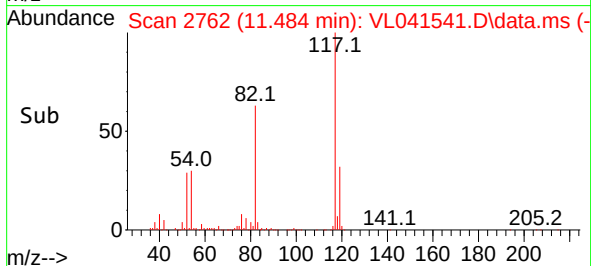
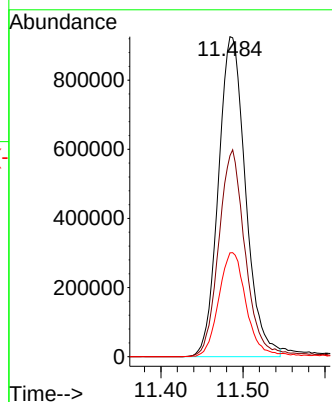
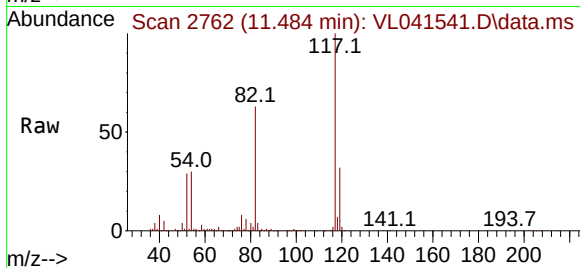




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041541.D
Acq: 19 Aug 2024 10:07

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Tgt Ion:117 Resp: 2131055
Ion Ratio Lower Upper
117 100
82 65.1 51.0 76.6
119 33.2 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.684 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. 0.000 min
Lab File: VL041541.D
Acq: 19 Aug 2024 10:07

Tgt Ion: 95 Resp: 1588219
Ion Ratio Lower Upper
95 100
174 71.7 56.3 84.5
175 5.1 4.0 6.0

