

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040529.D
 Acq On : 14 Jul 2023 15:54
 Operator : SY/MD
 Sample : VL0714ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0714ABL01

Quant Time: Jul 16 23:30:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

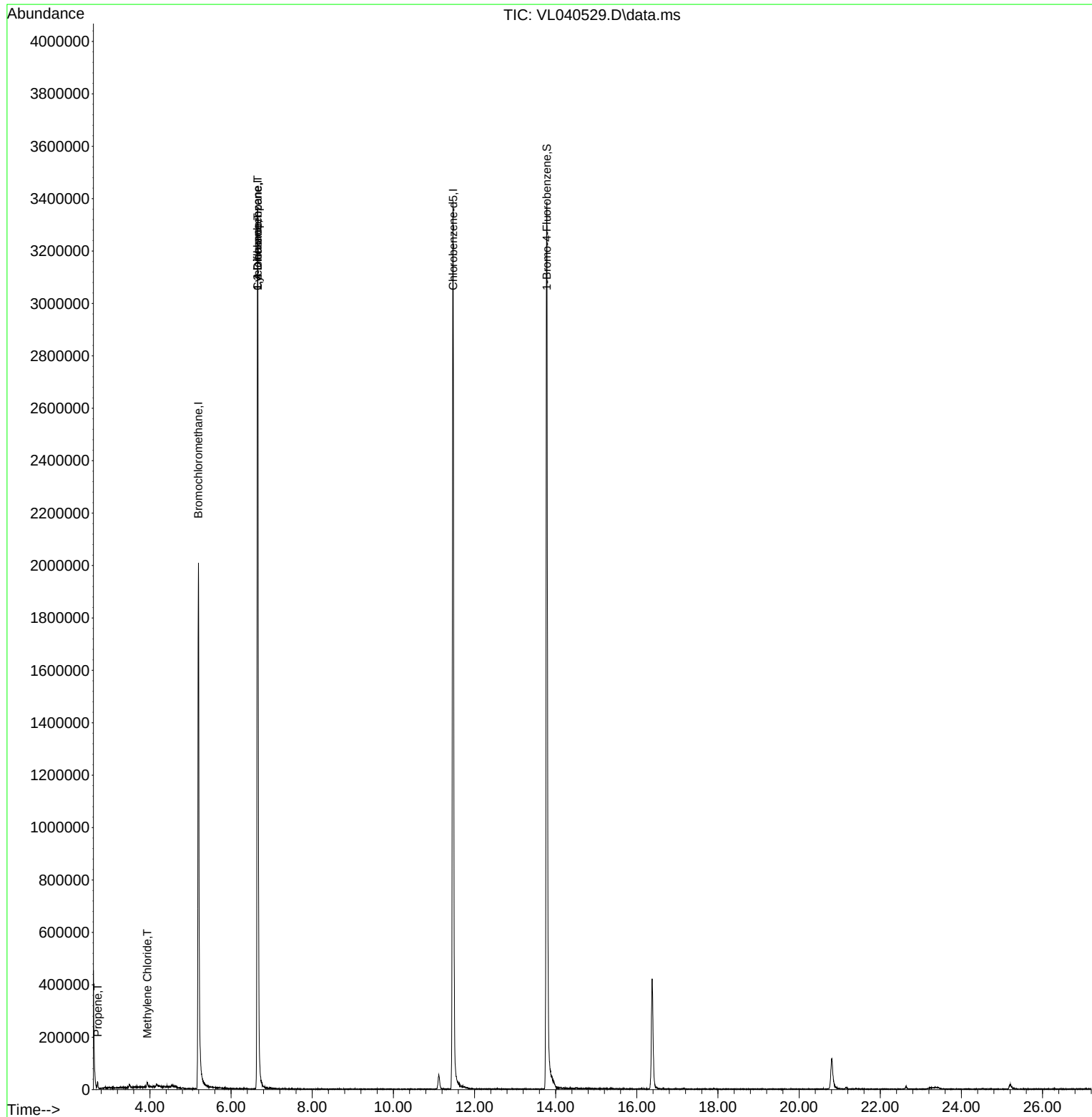
Internal Standards						
1) Bromochloromethane	5.195	49	999679	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2535861	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2170177	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1729933	10.072	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
					Qvalue	
9) Propene	2.710	41	5332	0.098	ppbv	94
20) Methylene Chloride	3.935	84	3221	0.066	ppbv #	93
30) Cyclohexane	6.652	84	5879	0.069	ppbv #	1
39) 1,2-Dichloropropane	6.655	63	642357	8.178	ppbv #	27

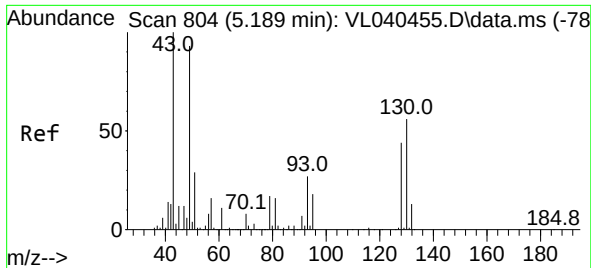
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 23:30:28 2023
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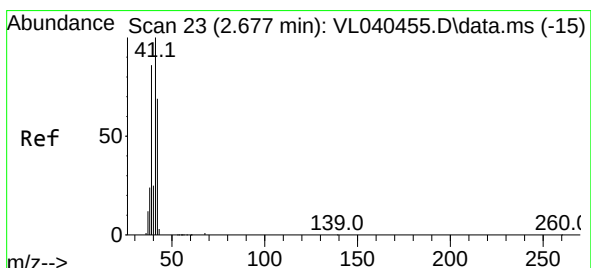
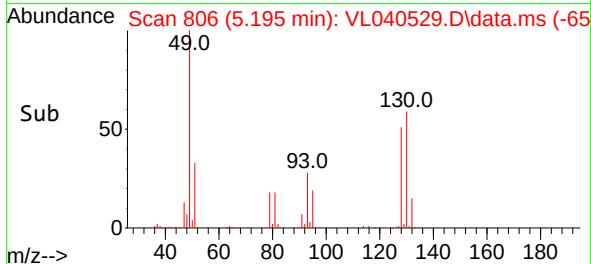
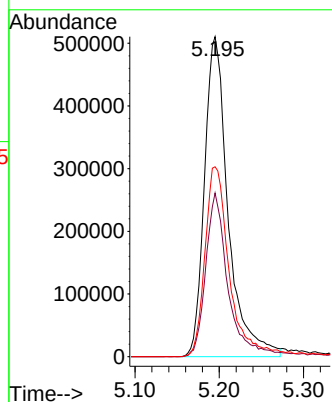
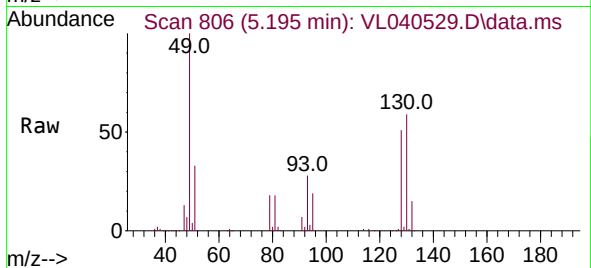




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040529.D
Acq: 14 Jul 2023 15:54

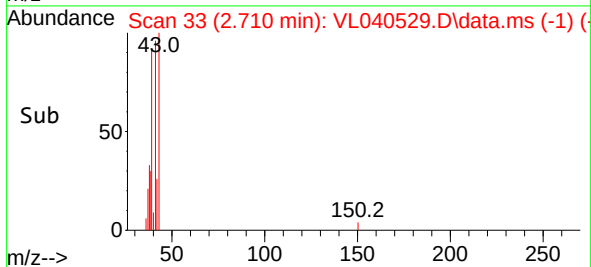
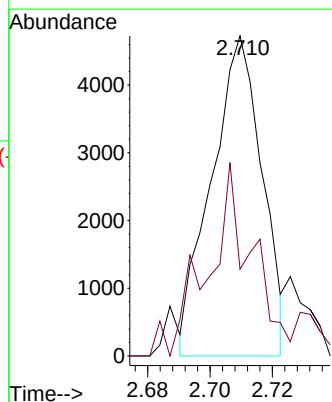
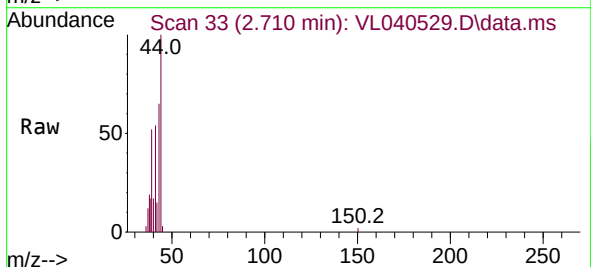
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABL01

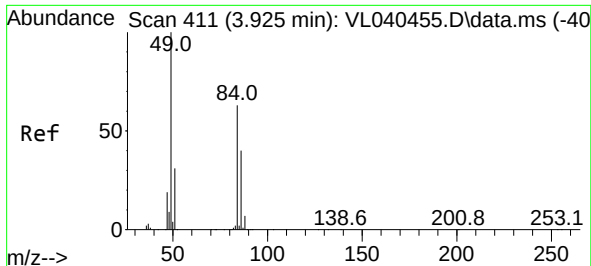
Tgt Ion: 49 Resp: 999679
Ion Ratio Lower Upper
49 100
128 50.0 25.1 75.4
130 63.3 31.6 94.7



#9
Propene
Concen: 0.098 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.006 min
Lab File: VL040529.D
Acq: 14 Jul 2023 15:54

Tgt Ion: 41 Resp: 5332
Ion Ratio Lower Upper
41 100
42 63.9 55.0 82.6



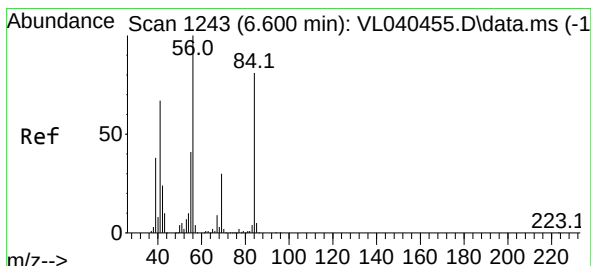
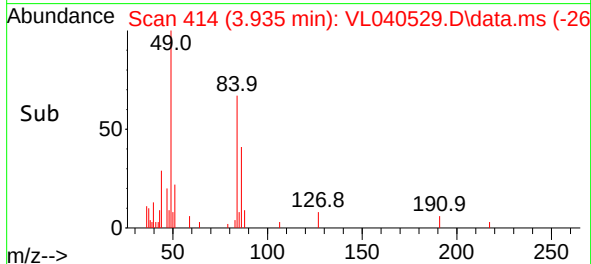
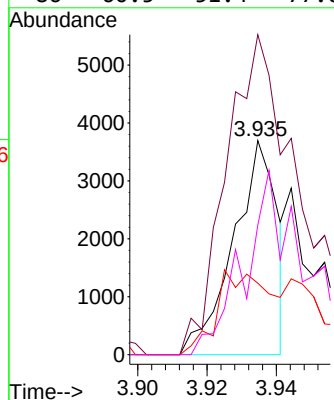
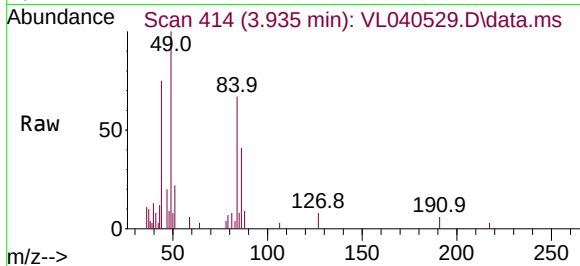


#20
Methylene Chloride
Concen: 0.066 ppbv
RT: 3.935 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL040529.D
Acq: 14 Jul 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABL01

Tgt Ion: 84 Resp: 3221

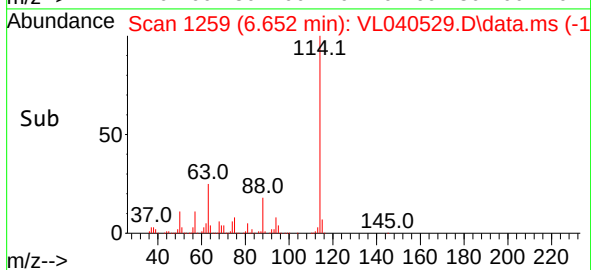
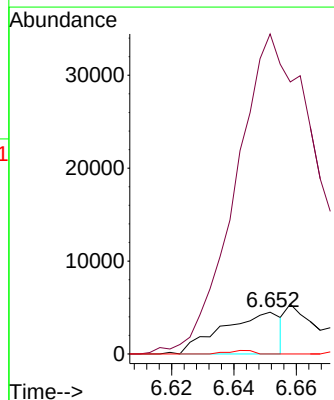
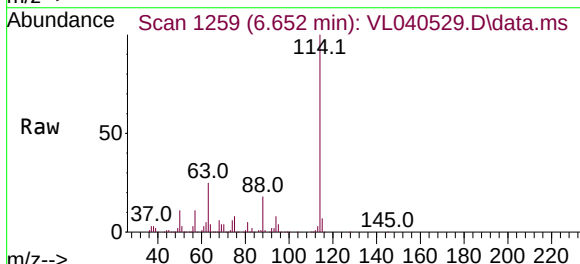
Ion	Ratio	Lower	Upper
84	100		
49	149.4	123.4	185.2
51	33.4	38.3	57.5#
86	60.5	51.4	77.0

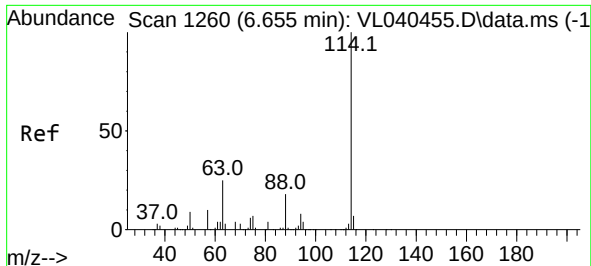


#30
Cyclohexane
Concen: 0.069 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.042 min
Lab File: VL040529.D
Acq: 14 Jul 2023 15:54

Tgt Ion: 84 Resp: 5879

Ion	Ratio	Lower	Upper
84	100		
56	1162.1	108.7	163.1#
41	3.6	64.5	96.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.010 min

Lab File: VL040529.D

Acq: 14 Jul 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABL01

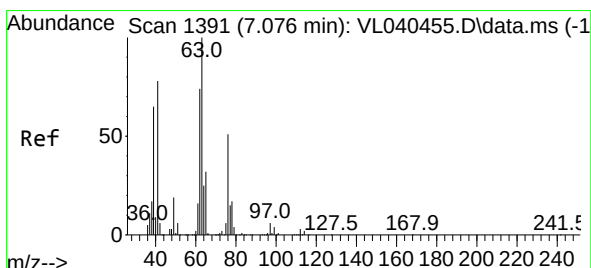
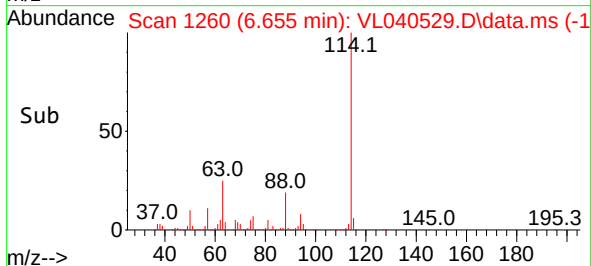
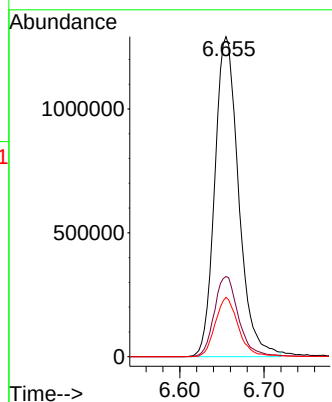
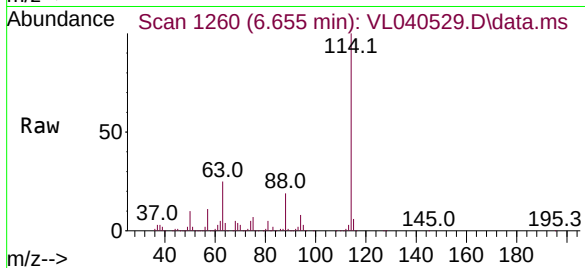
Tgt Ion:114 Resp: 2535861

Ion Ratio Lower Upper

114 100

63 25.8 19.6 29.4

88 18.2 14.2 21.2



#39

1,2-Dichloropropane

Concen: 8.178 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.428 min

Lab File: VL040529.D

Acq: 14 Jul 2023 15:54

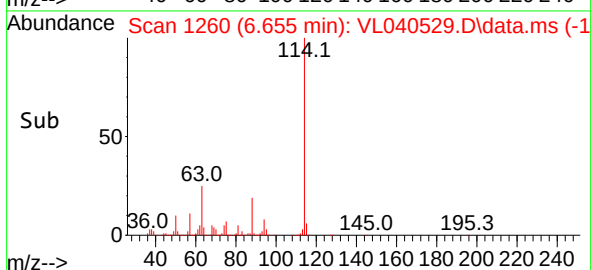
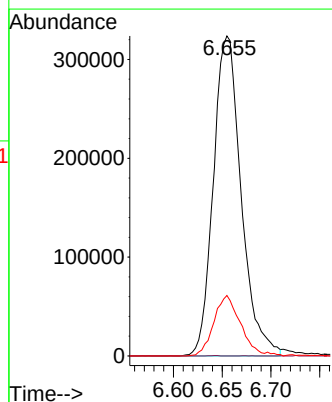
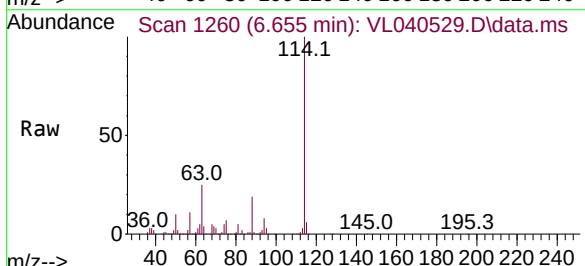
Tgt Ion: 63 Resp: 642357

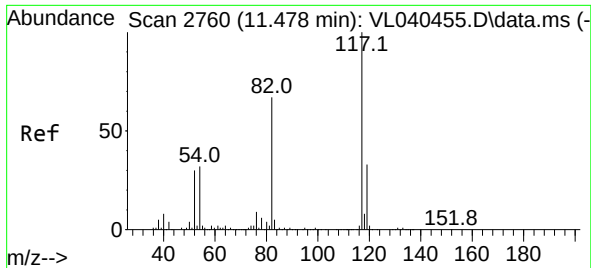
Ion Ratio Lower Upper

63 100

41 0.0 54.3 81.5#

62 18.9 55.6 83.4#

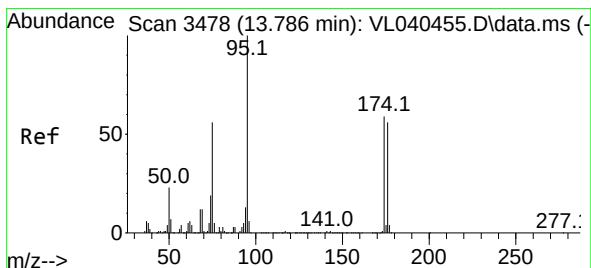
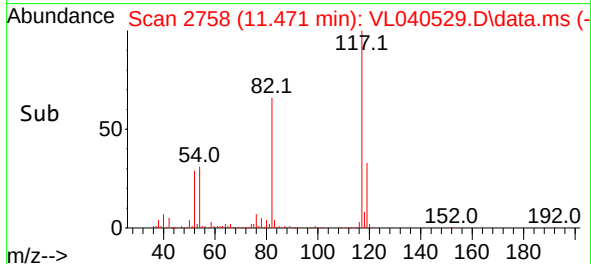
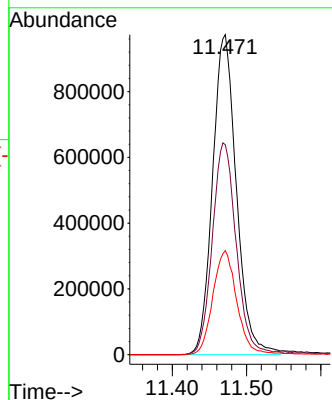
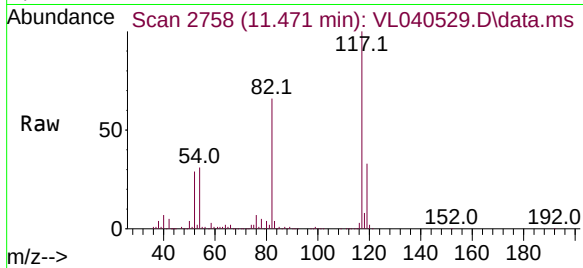




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040529.D
Acq: 14 Jul 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABL01

Tgt Ion:117 Resp: 2170177
Ion Ratio Lower Upper
117 100
82 67.5 50.2 75.4
119 33.1 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.072 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040529.D
Acq: 14 Jul 2023 15:54

Tgt Ion: 95 Resp: 1729933
Ion Ratio Lower Upper
95 100
174 60.6 50.6 75.8
175 4.3 3.7 5.5

