

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040319.D
 Acq On : 10 Apr 2023 11:09
 Operator : SY/MD
 Sample : VL0410ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABL01

Quant Time: Apr 11 02:06:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

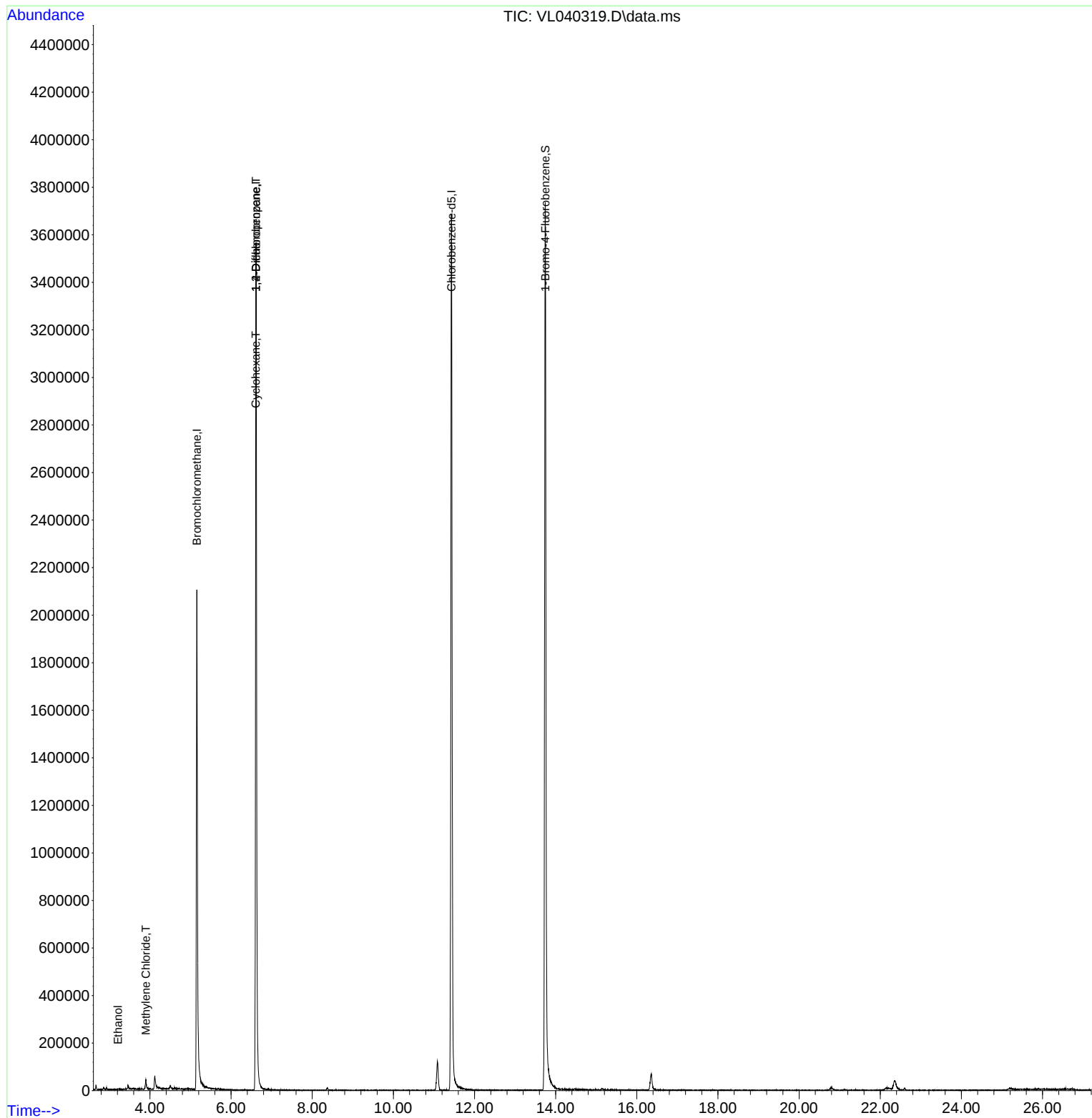
Internal Standards						
1) Bromochloromethane	5.156	49	1052909	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.616	114	2677156	10.000	ppbv	-0.04
55) Chlorobenzene-d5	11.433	117	2364034	10.000	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1917023	9.683	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%
Target Compounds						
					Qvalue	
13) Ethanol	3.214	45	322	0.087	ppbv #	37
20) Methylene Chloride	3.899	84	12759	0.237	ppbv #	79
30) Cyclohexane	6.606	84	4332	0.056	ppbv #	1
39) 1,2-Dichloropropane	6.616	63	674609	8.428	ppbv #	23

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

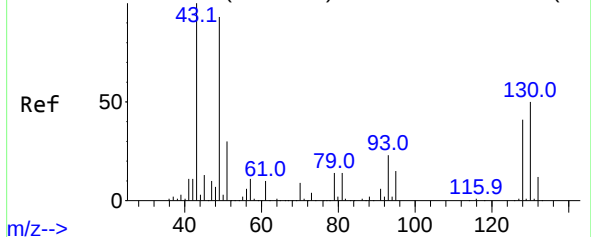
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
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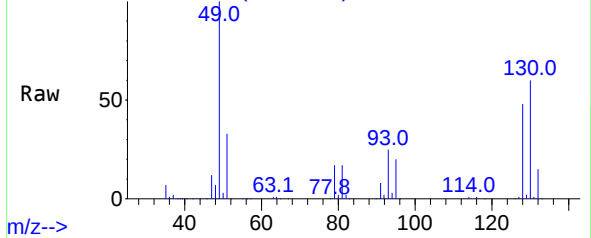
Quant Time: Apr 11 02:06:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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Response via : Initial Calibration



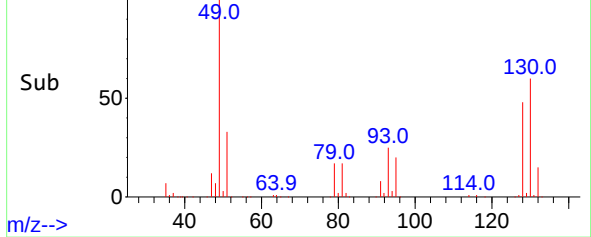
Abundance Scan 804 (5.189 min): VL040279.D\data.ms (-78



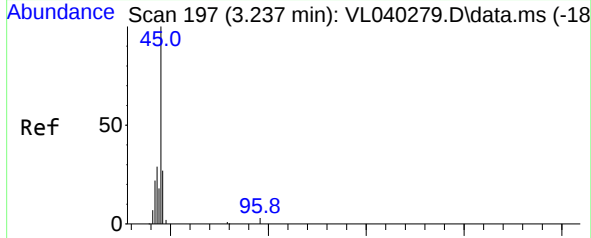
m/z--> Scan 794 (5.156 min): VL040319.D\data.ms



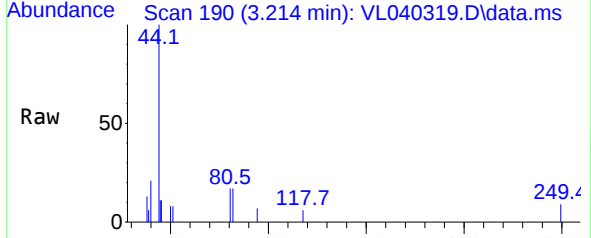
m/z--> Abundance Scan 794 (5.156 min): VL040319.D\data.ms (-64



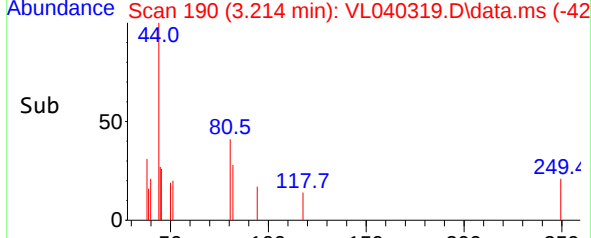
m/z--> Abundance Scan 197 (3.237 min): VL040279.D\data.ms (-18



m/z--> Abundance Scan 190 (3.214 min): VL040319.D\data.ms



m/z--> Abundance Scan 190 (3.214 min): VL040319.D\data.ms (-42



m/z--> Abundance

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.156 min Scan# 794

Delta R.T. -0.033 min

Lab File: VL040319.D

Acq: 10 Apr 2023 11:09

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABL01

Tgt Ion: 49 Resp: 1052909

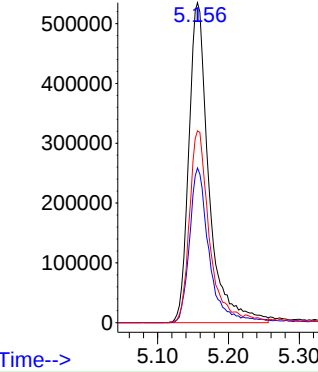
Ion Ratio Lower Upper

49 100

128 48.8 22.4 67.3

130 61.3 28.7 86.1

Abundance



#13

Ethanol

Concen: 0.087 ppbv

RT: 3.214 min Scan# 190

Delta R.T. -0.023 min

Lab File: VL040319.D

Acq: 10 Apr 2023 11:09

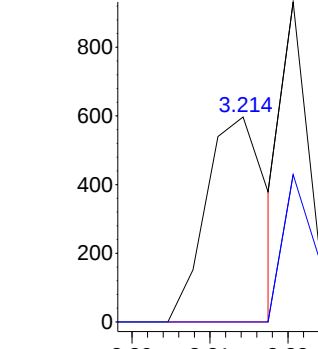
Tgt Ion: 45 Resp: 322

Ion Ratio Lower Upper

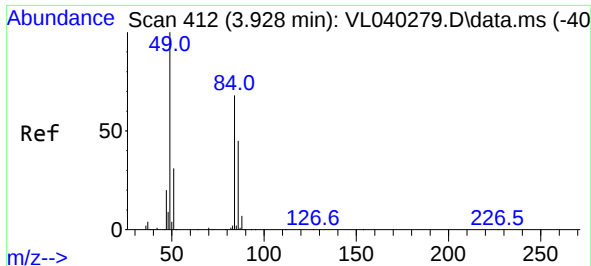
45 100

46 0.0 15.0 60.2#

Abundance



Time-->



#20

Methylene Chloride

Concen: 0.237 ppbv

RT: 3.899 min Scan# 403

Delta R.T. -0.029 min

Lab File: VL040319.D

Acq: 10 Apr 2023 11:09

Instrument :

MSVOA_1

ClientSampleId :

VL0410ABL01

Tgt Ion: 84 Resp: 12759

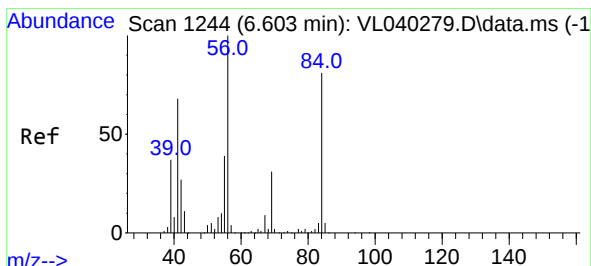
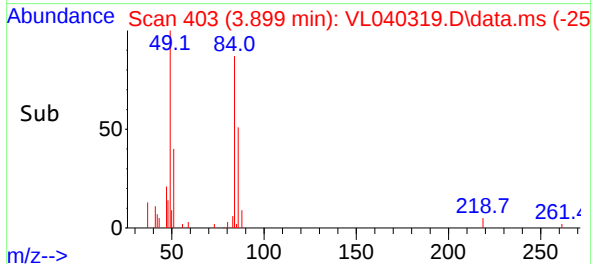
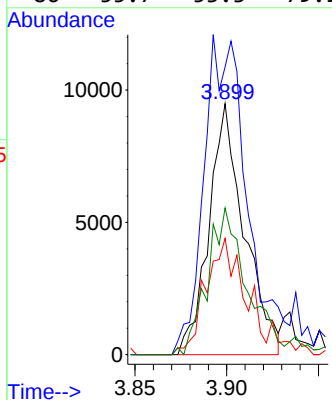
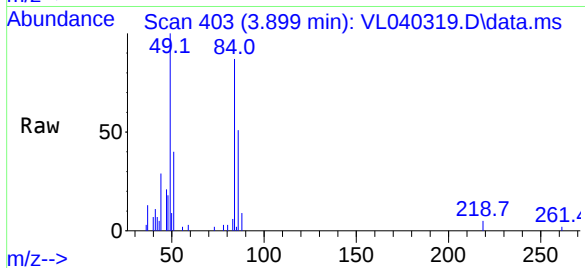
Ion Ratio Lower Upper

84 100

49 109.2 117.5 176.3#

51 43.6 36.9 55.3

86 55.7 53.3 79.9



#30

Cyclohexane

Concen: 0.056 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VL040319.D

Acq: 10 Apr 2023 11:09

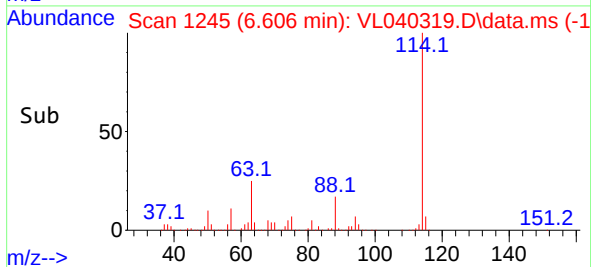
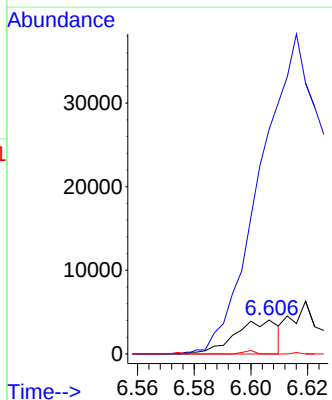
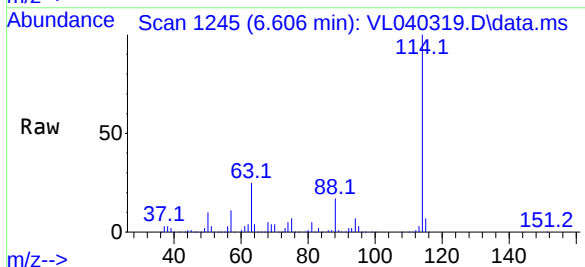
Tgt Ion: 84 Resp: 4332

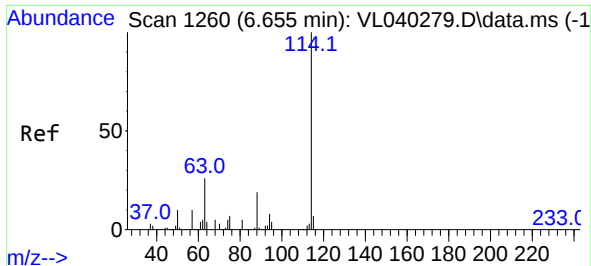
Ion Ratio Lower Upper

84 100

56 0.0 109.0 163.4#

41 0.9 67.9 101.9#



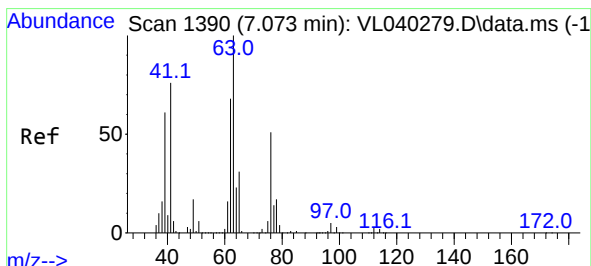
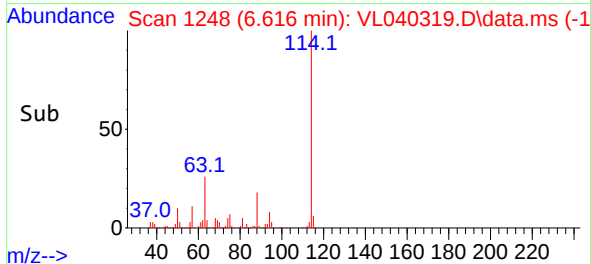
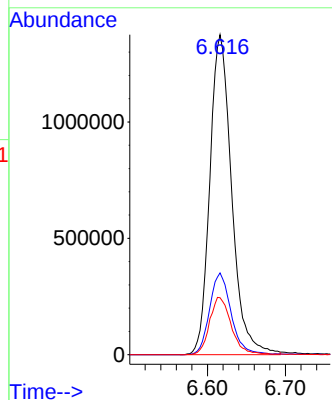
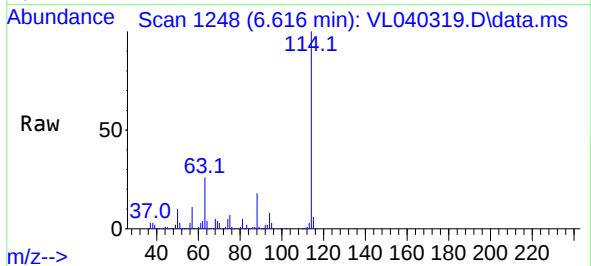


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. -0.039 min
Lab File: VL040319.D
Acq: 10 Apr 2023 11:09

Instrument :
MSVOA_1
ClientSampleId :
VL0410ABL01

Tgt Ion:114 Resp: 2677156

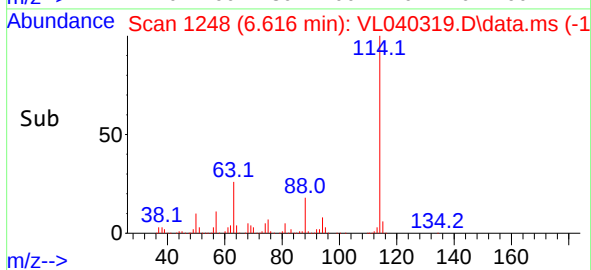
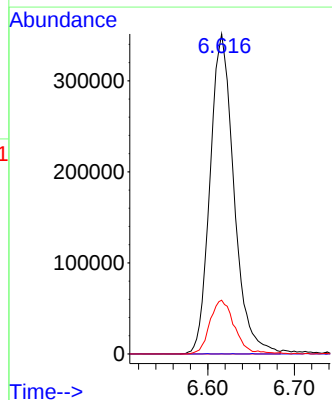
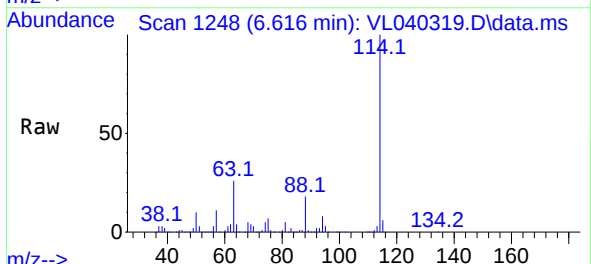
Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.2	31.8
88	18.0	14.5	21.7

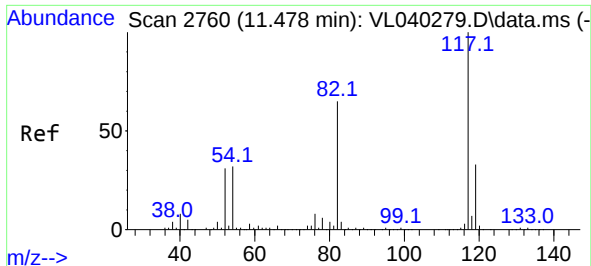


#39
1,2-Dichloropropane
Concen: 8.428 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. -0.457 min
Lab File: VL040319.D
Acq: 10 Apr 2023 11:09

Tgt Ion: 63 Resp: 674609

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	16.8	54.1	81.1#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.433 min Scan# 21

Delta R.T. -0.045 min

Lab File: VL040319.D

Acq: 10 Apr 2023 11:09

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABL01

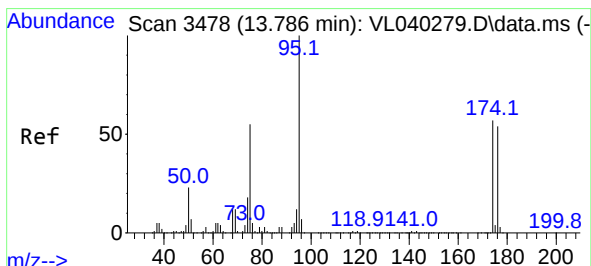
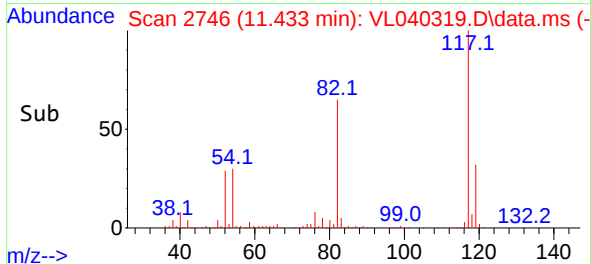
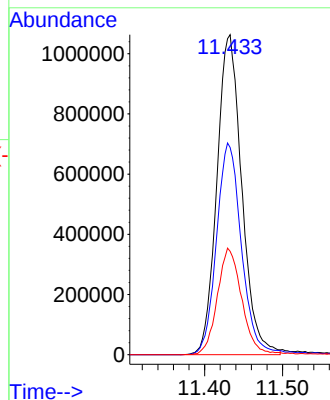
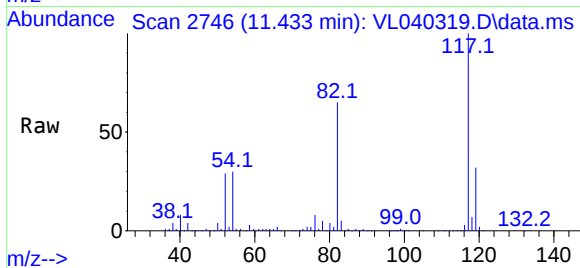
Tgt Ion:117 Resp: 2364034

Ion Ratio Lower Upper

117 100

82 67.3 51.4 77.2

119 33.2 24.0 36.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.683 ppbv

RT: 13.744 min Scan# 3465

Delta R.T. -0.042 min

Lab File: VL040319.D

Acq: 10 Apr 2023 11:09

Tgt Ion: 95 Resp: 1917023

Ion Ratio Lower Upper

95 100

174 60.3 47.0 70.6

175 4.2 3.4 5.2

