

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040081.D
 Acq On : 9 Jan 2023 18:29
 Operator : SY/MD
 Sample : QC122822 CAN 10269
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122822 CAN 10269

Quant Time: Jan 09 21:33:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

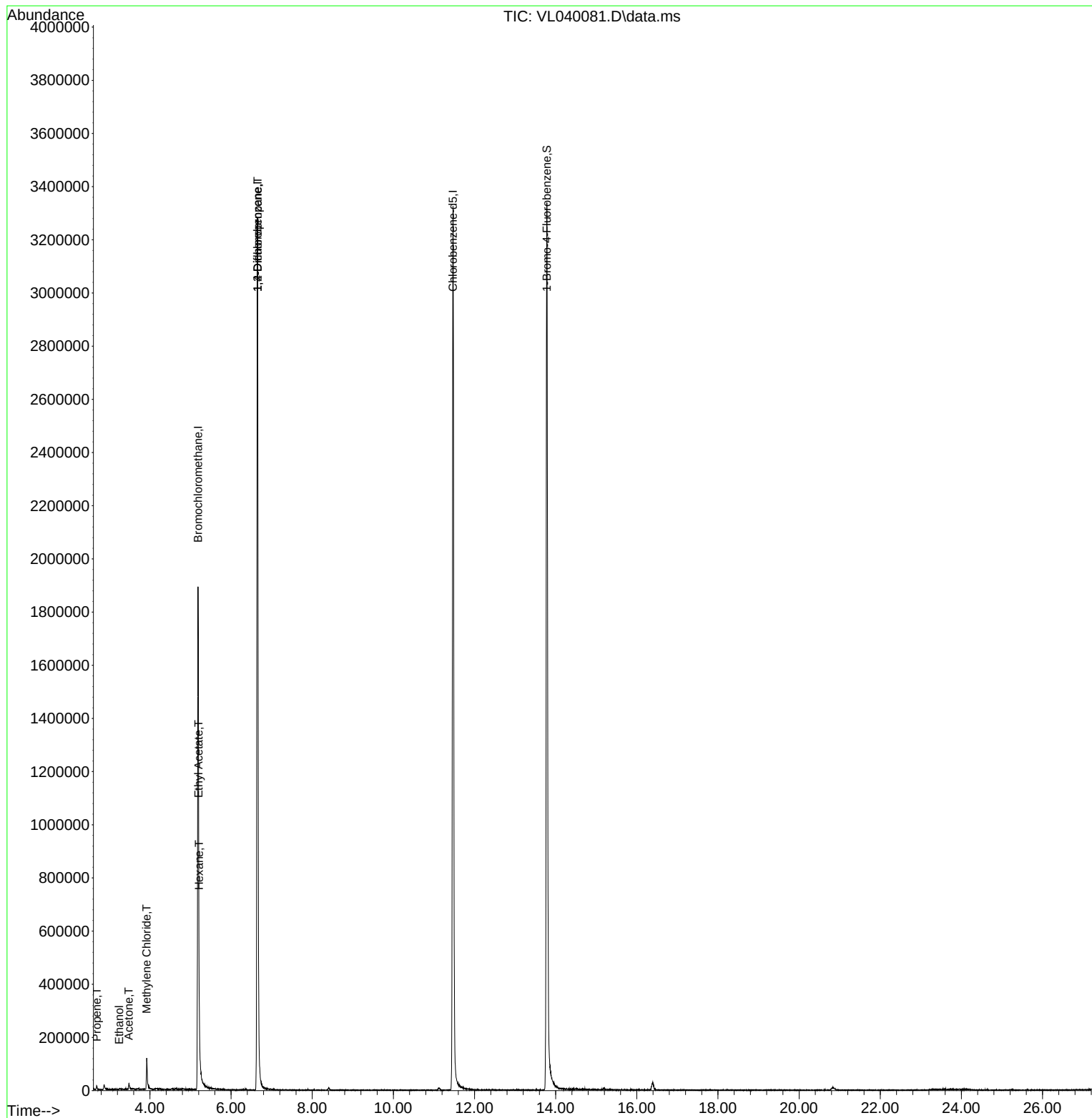
Internal Standards						
1) Bromochloromethane	5.185	49	915007	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.652	114	2467387	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.468	117	2137871	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1712098	10.484	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.800%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	3160	0.055	ppbv	94
13) Ethanol	3.243	45	659	0.122	ppbv #	40
15) Acetone	3.478	43	22009	0.155	ppbv #	85
20) Methylene Chloride	3.922	84	35177	0.585	ppbv	96
25) Ethyl Acetate	5.202	43	17228	0.070	ppbv #	74
26) Hexane	5.208	57	23840	0.231	ppbv #	34
39) 1,2-Dichloropropane	6.652	63	619805	7.504	ppbv #	24

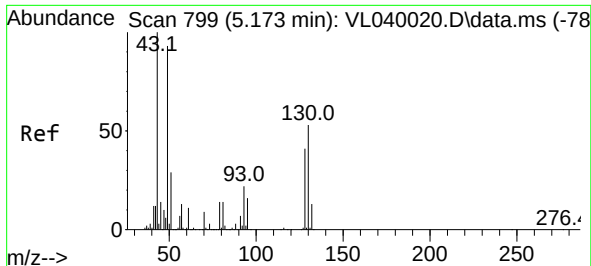
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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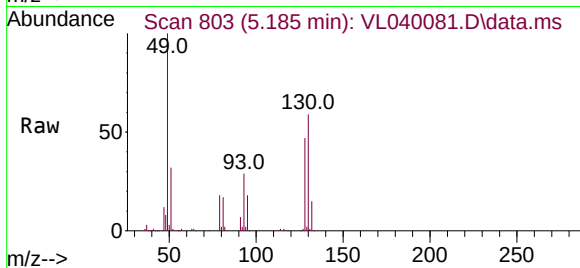
Quant Time: Jan 09 21:33:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
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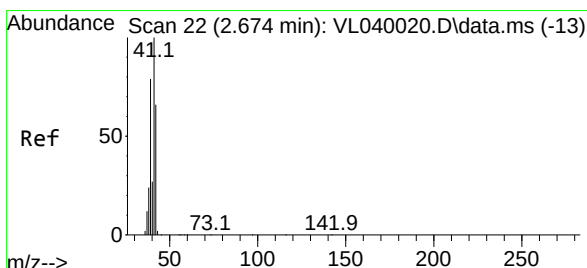
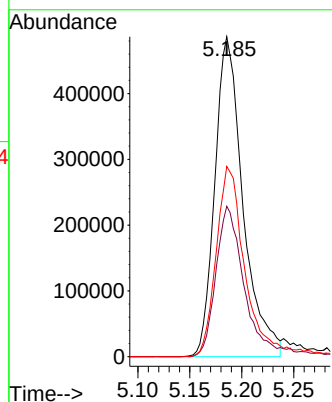
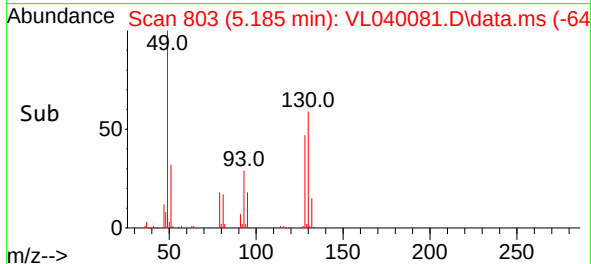


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL040081.D
Acq: 9 Jan 2023 18:29

Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

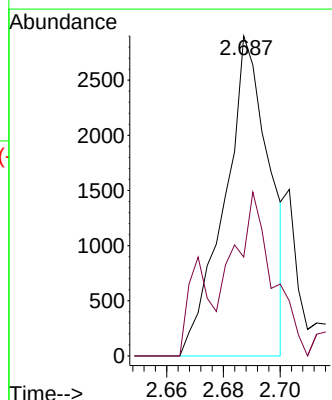
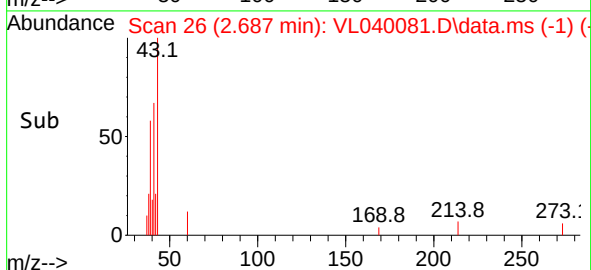
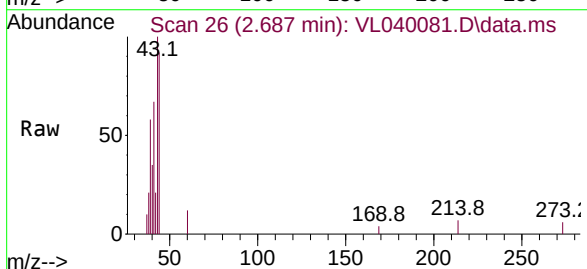


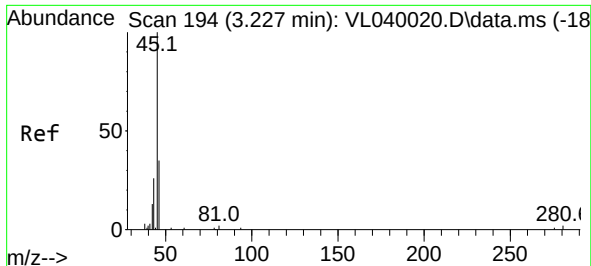
Tgt Ion: 49 Resp: 915007
Ion Ratio Lower Upper
49 100
128 49.0 22.4 67.3
130 63.3 28.9 86.8



#9
Propene
Concen: 0.055 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.013 min
Lab File: VL040081.D
Acq: 9 Jan 2023 18:29

Tgt Ion: 41 Resp: 3160
Ion Ratio Lower Upper
41 100
42 63.4 54.8 82.2

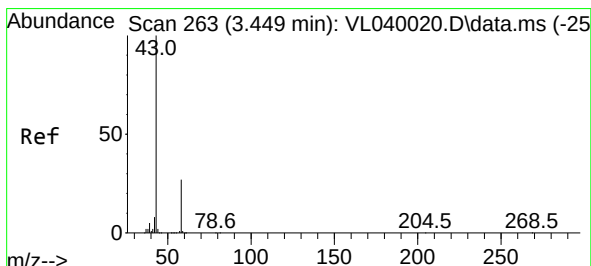
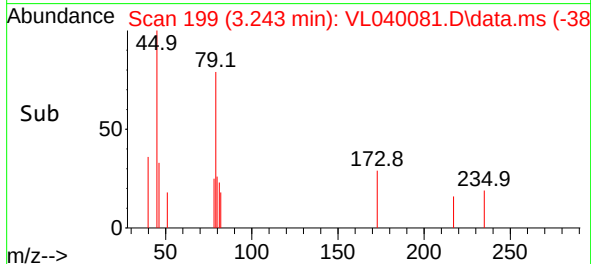
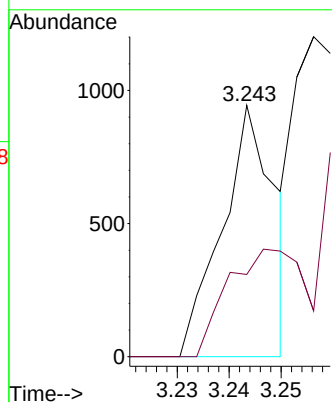
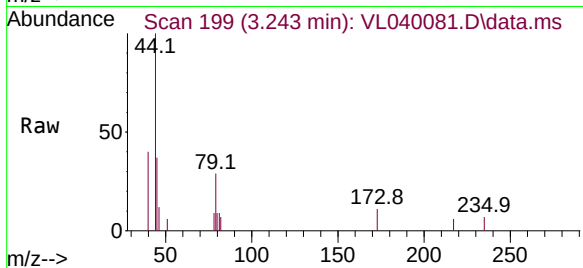




#13
Ethanol
Concen: 0.122 ppbv
RT: 3.243 min Scan# 194
Delta R.T. 0.016 min
Lab File: VL040081.D
Acq: 9 Jan 2023 18:29

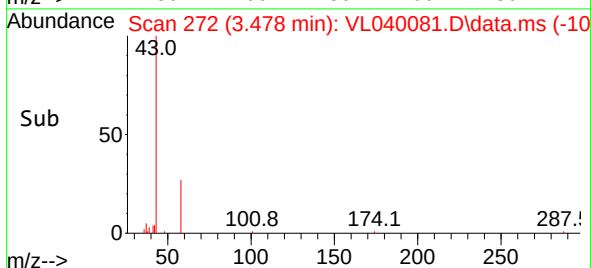
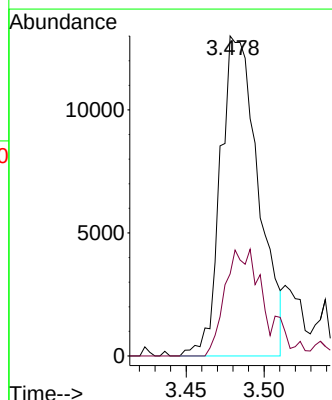
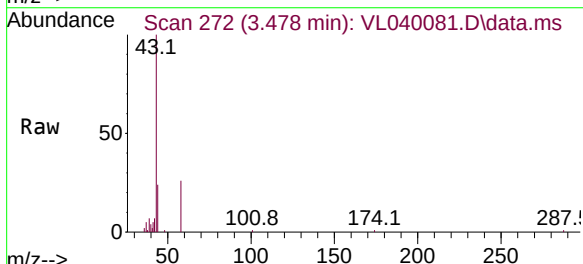
Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

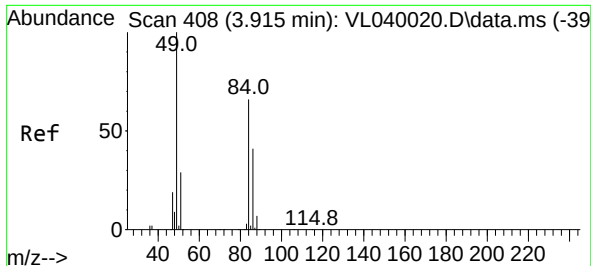
Tgt Ion: 45 Resp: 659
Ion Ratio Lower Upper
45 100
46 0.0 13.7 54.7#



#15
Acetone
Concen: 0.155 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.029 min
Lab File: VL040081.D
Acq: 9 Jan 2023 18:29

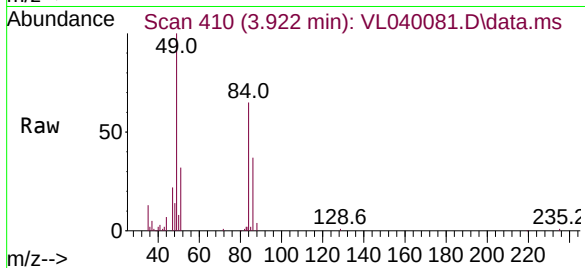
Tgt Ion: 43 Resp: 22009
Ion Ratio Lower Upper
43 100
58 34.9 21.8 32.8#





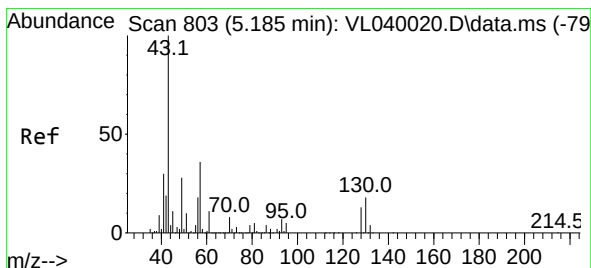
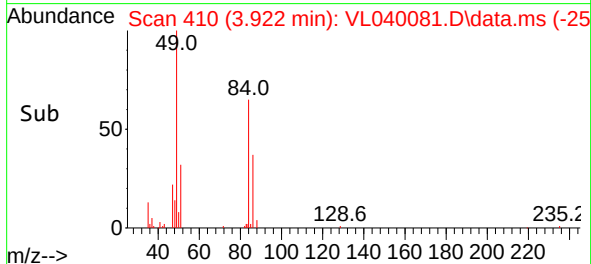
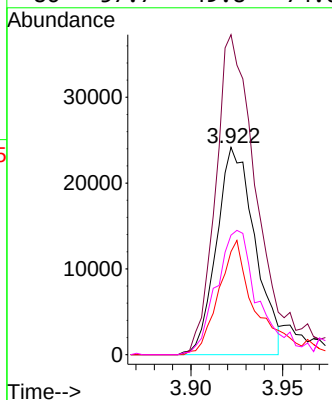
#20
Methylene Chloride
Concen: 0.585 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.006 min
Lab File: VL040081.D
Acq: 9 Jan 2023 18:29

Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269



Tgt Ion: 84 Resp: 35177

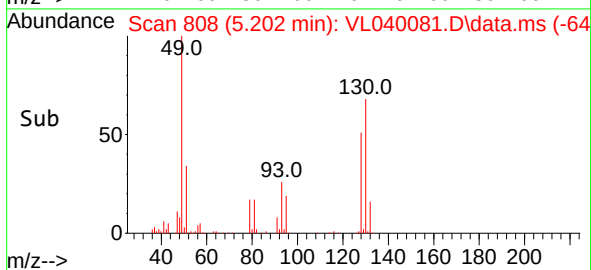
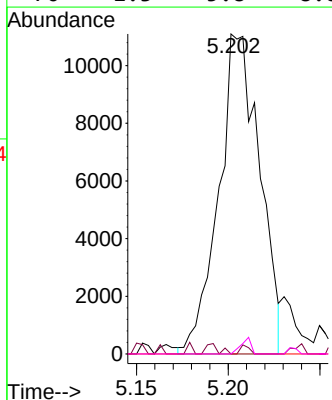
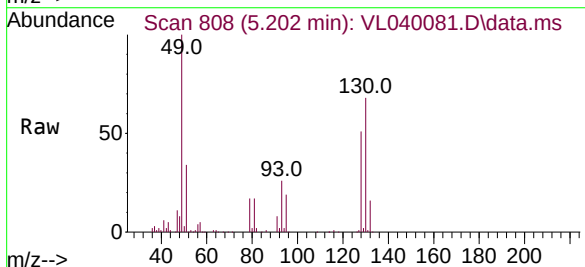
Ion	Ratio	Lower	Upper
84	100		
49	153.6	120.5	180.7
51	49.7	35.2	52.8
86	57.7	49.8	74.6

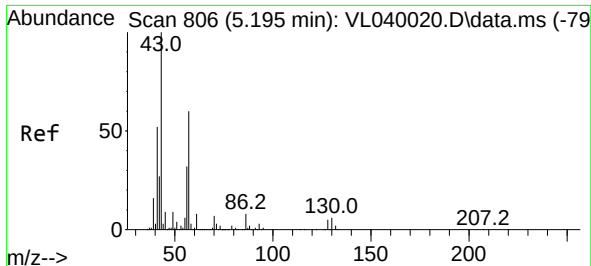


#25
Ethyl Acetate
Concen: 0.070 ppbv
RT: 5.202 min Scan# 808
Delta R.T. 0.016 min
Lab File: VL040081.D
Acq: 9 Jan 2023 18:29

Tgt Ion: 43 Resp: 17228

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.6	12.8#
61	0.0	8.5	12.7#
70	1.3	5.8	8.8#

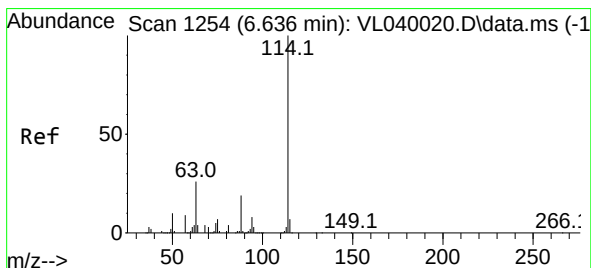
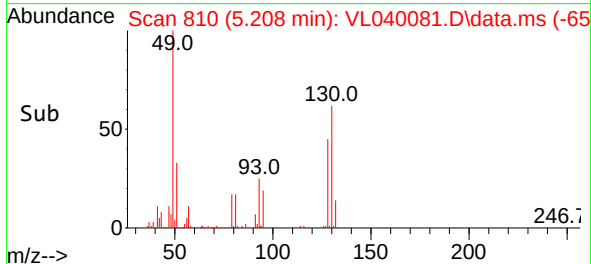
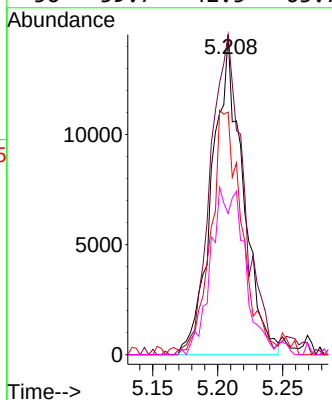
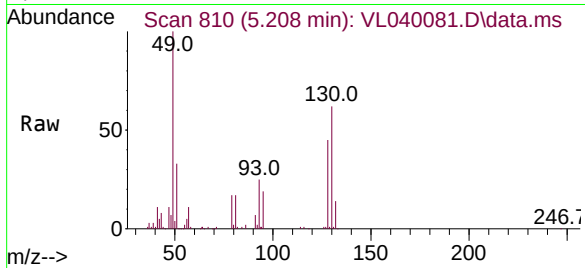




#26
Hexane
Concen: 0.231 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL040081.D
Acq: 9 Jan 2023 18:29

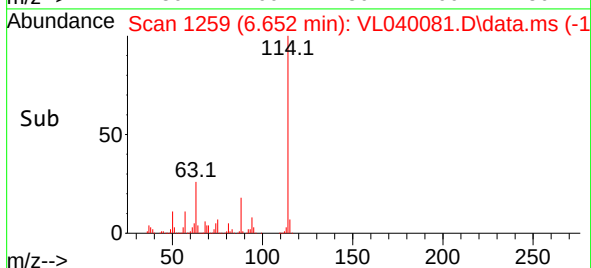
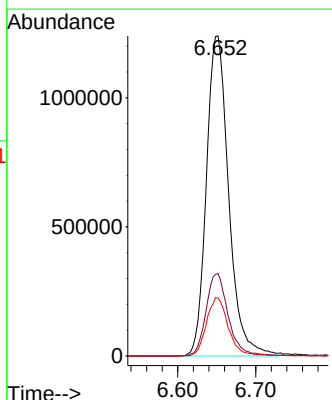
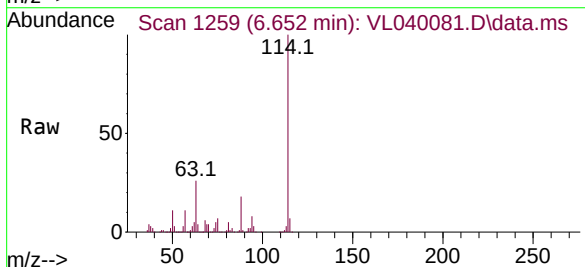
Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

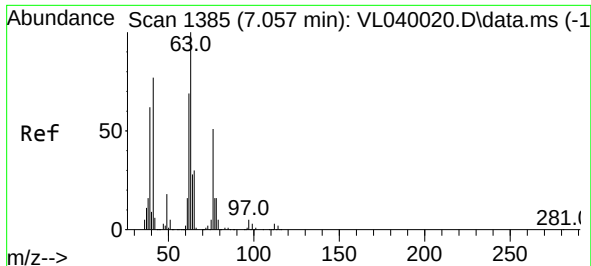
Tgt Ion: 57 Resp: 23840
Ion Ratio Lower Upper
57 100
41 114.0 72.1 108.1#
43 80.8 192.1 288.1#
56 59.7 42.5 63.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.016 min
Lab File: VL040081.D
Acq: 9 Jan 2023 18:29

Tgt Ion: 114 Resp: 2467387
Ion Ratio Lower Upper
114 100
63 25.8 20.2 30.2
88 18.0 14.6 21.8





#39

1,2-Dichloropropane

Concen: 7.504 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.405 min

Lab File: VL040081.D

Acq: 9 Jan 2023 18:29

Instrument :

MSVOA_L

ClientSampleId :

QC122822 CAN 10269

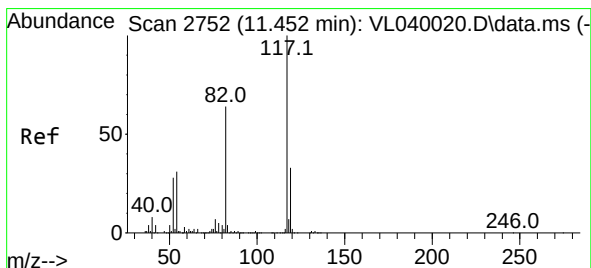
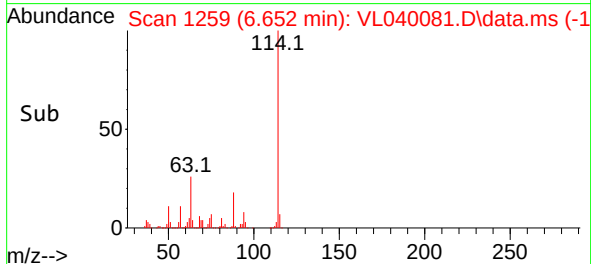
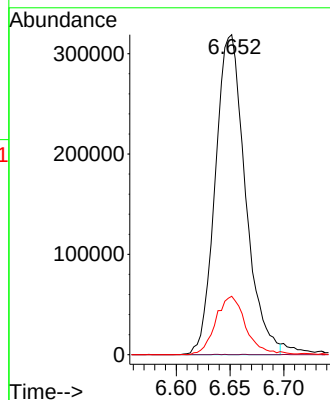
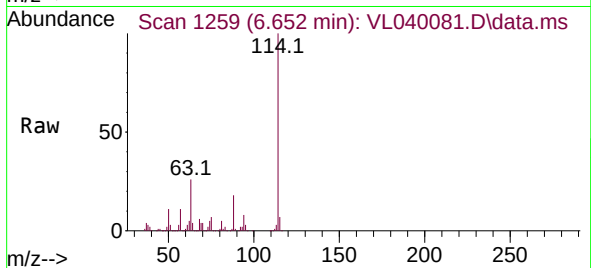
Tgt Ion: 63 Resp: 619805

Ion Ratio Lower Upper

63 100

41 0.0 61.4 92.0#

62 18.2 55.4 83.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. 0.016 min

Lab File: VL040081.D

Acq: 9 Jan 2023 18:29

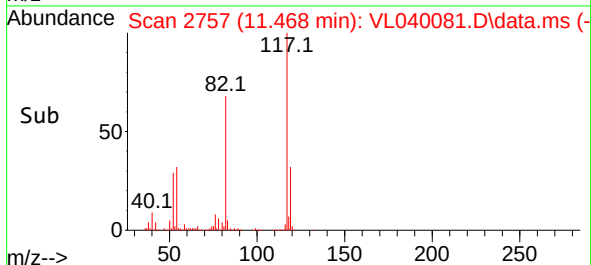
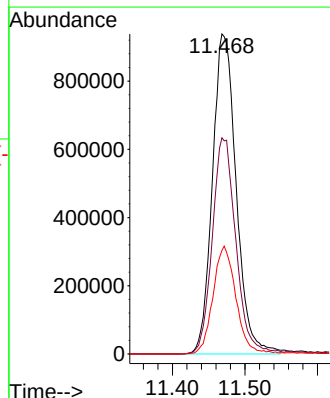
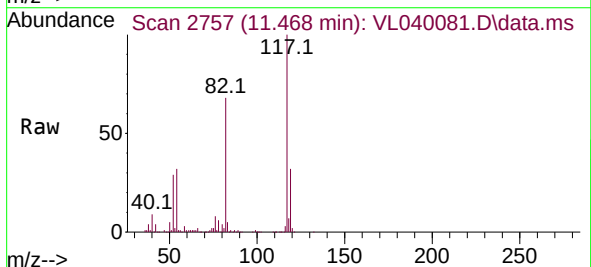
Tgt Ion: 117 Resp: 2137871

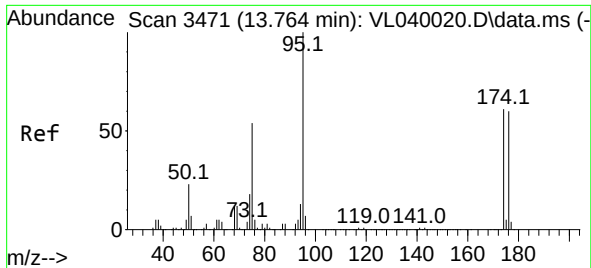
Ion Ratio Lower Upper

117 100

82 67.9 51.2 76.8

119 33.0 23.2 34.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.484 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.019 min
 Lab File: VL040081.D
 Acq: 9 Jan 2023 18:29

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122822 CAN 10269

Tgt Ion: 95 Resp: 1712098

Ion	Ratio	Lower	Upper
95	100		
174	60.1	48.6	73.0
175	4.2	3.4	5.2

