

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040256.D
 Acq On : 8 Mar 2023 16:15
 Operator : SY/MD
 Sample : 01836-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DC-3723-SSDL

Quant Time: Mar 09 04:13:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

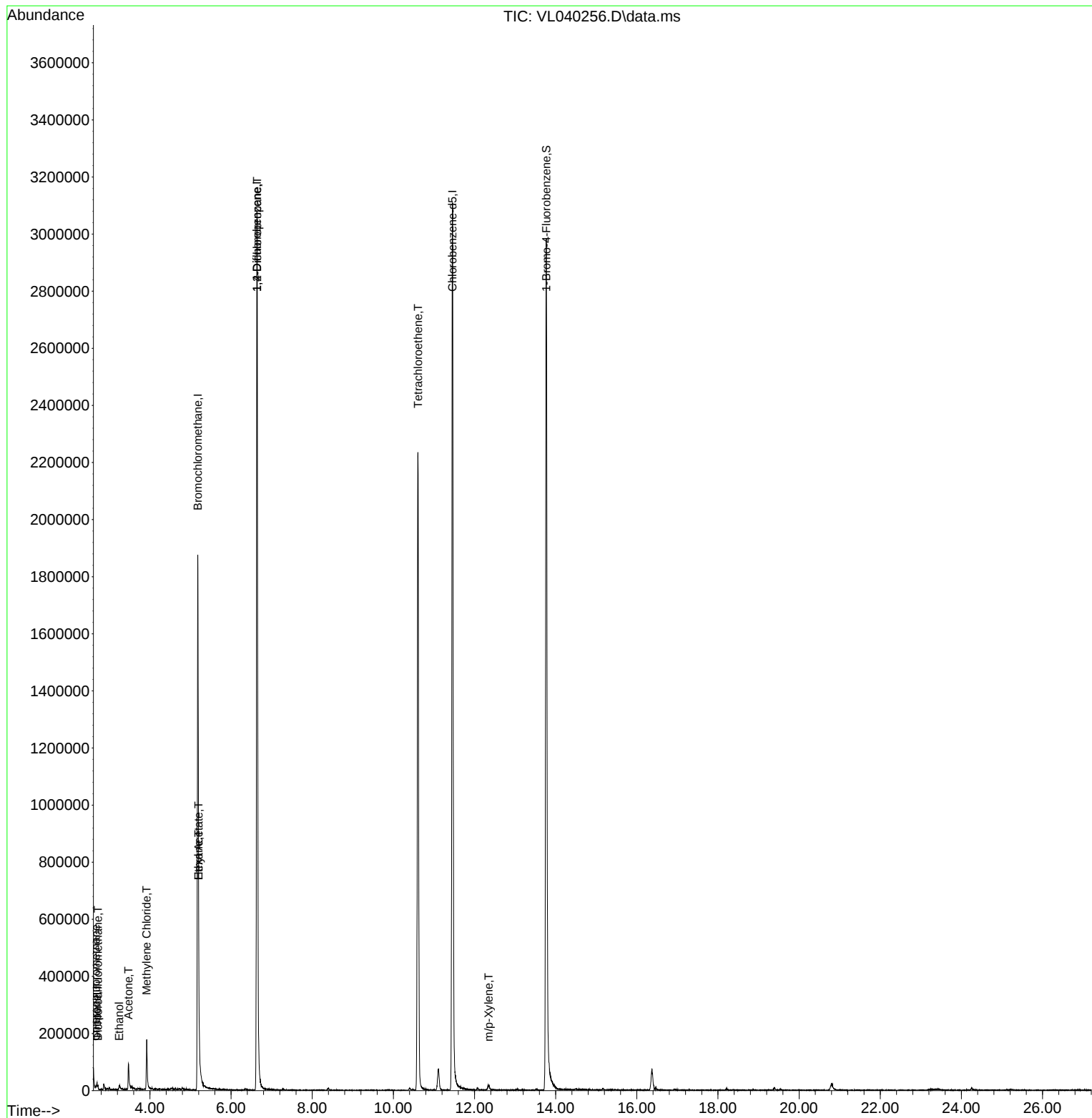
Internal Standards						
1) Bromochloromethane	5.179	49	911373	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.639	114	2255373	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	1958180	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1519920	9.439	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.722	85	8574	0.050	ppbv	95
3) Chlorodifluoromethane	2.668	51	10388	0.095	ppbv	99
9) Propene	2.697	41	3668	0.083	ppbv	86
13) Ethanol	3.243	45	7927	1.940	ppbv #	12
15) Acetone	3.472	43	97668	0.890	ppbv	94
20) Methylene Chloride	3.922	84	58333	1.021	ppbv	95
25) Ethyl Acetate	5.201	43	21337	0.105	ppbv #	76
26) Hexane	5.201	57	30104	0.344	ppbv #	34
39) 1,2-Dichloropropane	6.642	63	577631	8.460	ppbv #	25
52) Tetrachloroethene	10.606	164	507509	9.260	ppbv	97
59) m/p-Xylene	12.346	91	7714	0.037	ppbv #	33

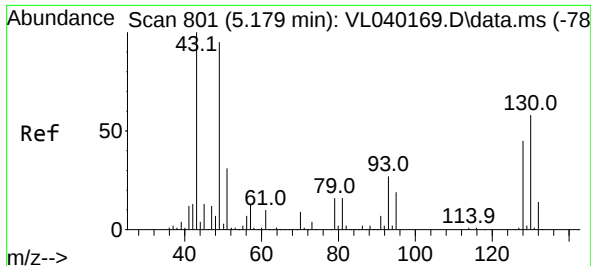
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
Data File : VL040256.D
Acq On : 8 Mar 2023 16:15
Operator : SY/MD
Sample : 01836-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL

Quant Time: Mar 09 04:13:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Mar 01 04:21:39 2023
Response via : Initial Calibration

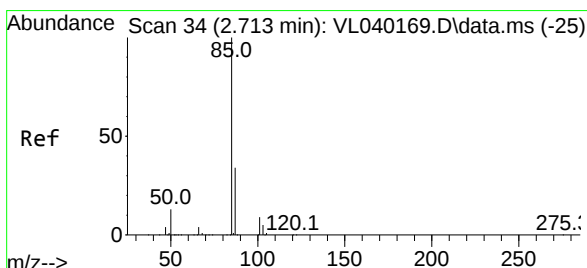
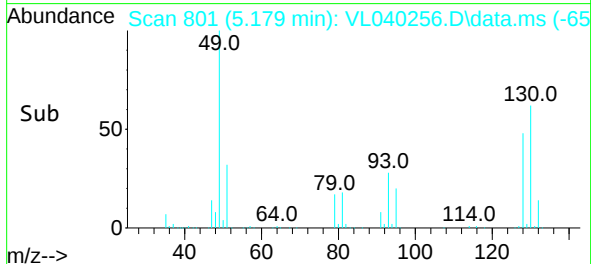
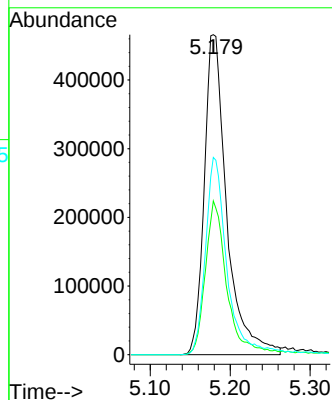
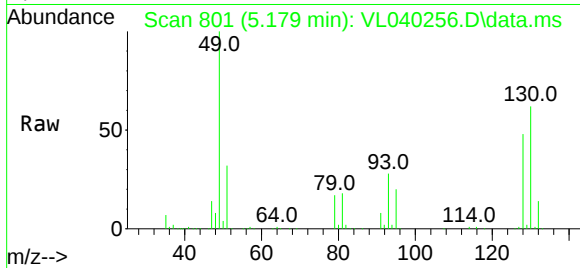




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.022 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

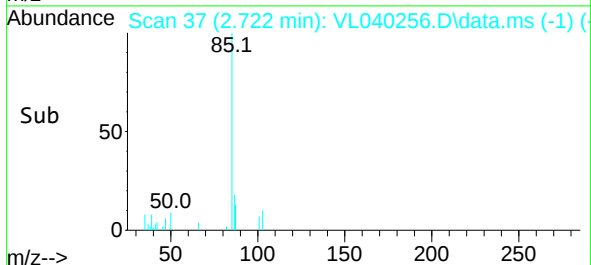
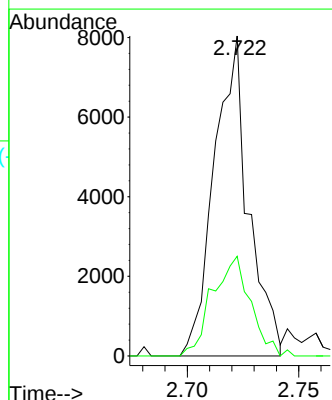
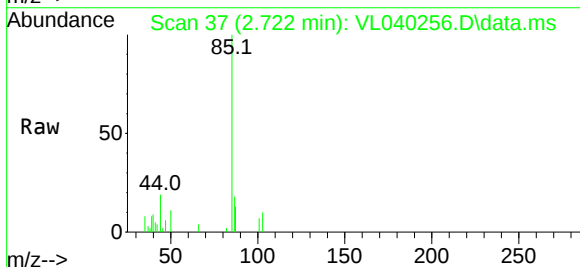
Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL

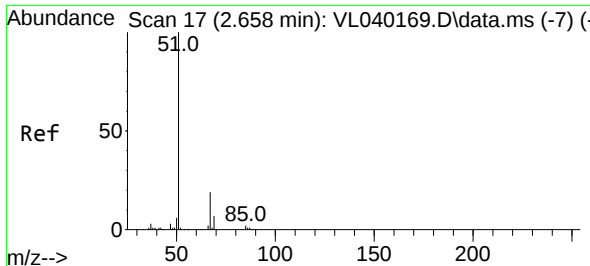
Tgt Ion: 49 Resp: 911373
Ion Ratio Lower Upper
49 100
128 47.4 24.1 72.3
130 59.3 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 0.050 ppbv
RT: 2.722 min Scan# 37
Delta R.T. -0.003 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

Tgt Ion: 85 Resp: 8574
Ion Ratio Lower Upper
85 100
87 31.1 27.0 40.6

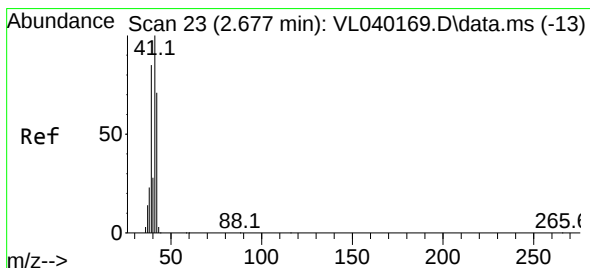
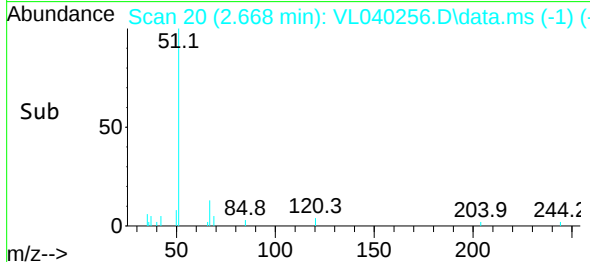
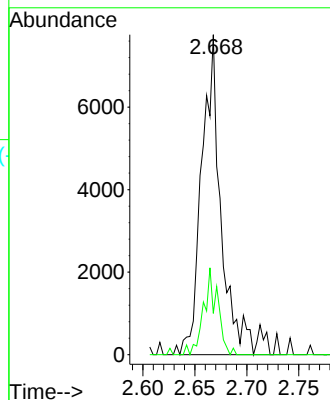
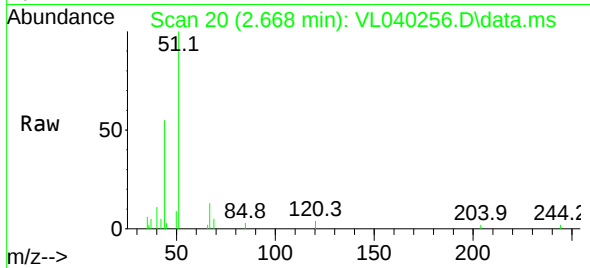




#3
Chlorodifluoromethane
Concen: 0.095 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

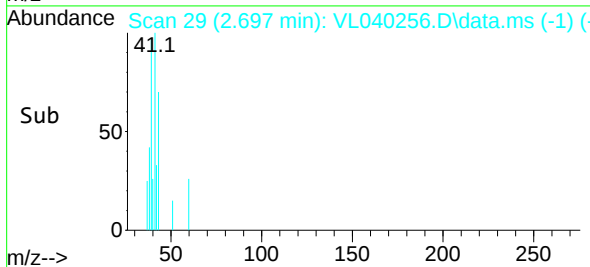
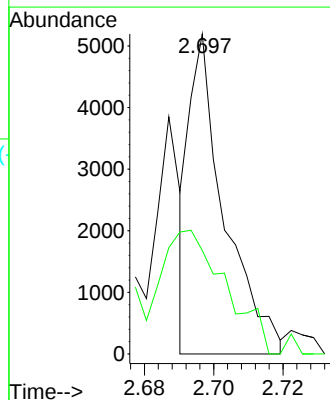
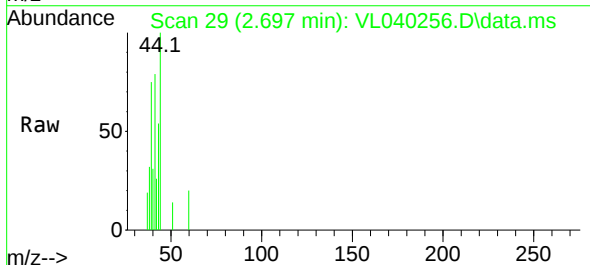
Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL

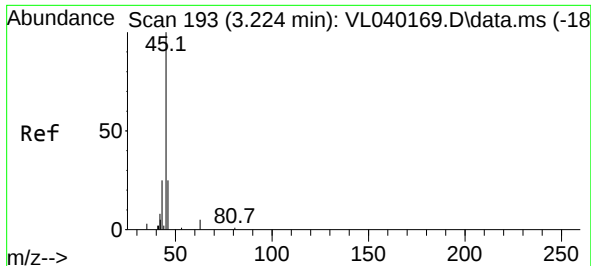
Tgt Ion: 51 Resp: 10388
Ion Ratio Lower Upper
51 100
67 18.8 15.4 23.2



#9
Propene
Concen: 0.083 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.006 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

Tgt Ion: 41 Resp: 3668
Ion Ratio Lower Upper
41 100
42 82.7 56.9 85.3

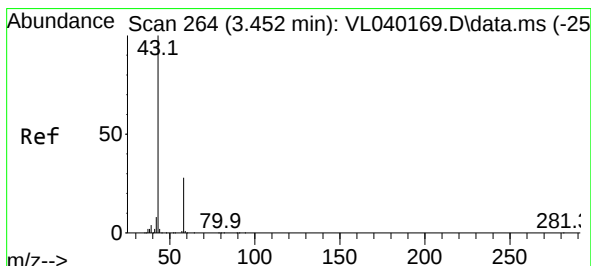
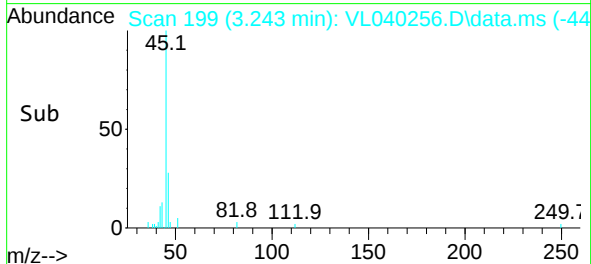
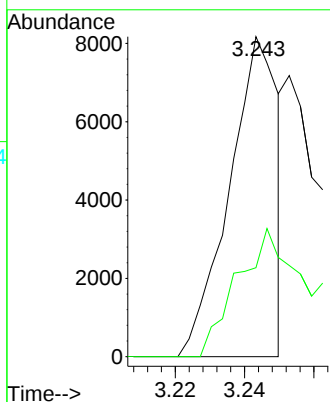
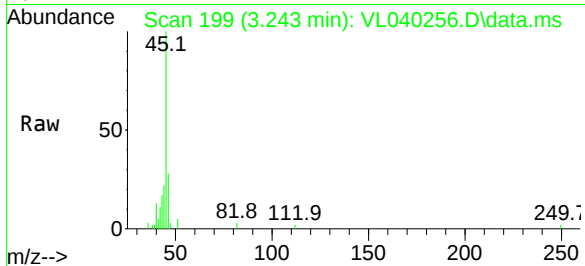




#13
Ethanol
Concen: 1.940 ppbv
RT: 3.243 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

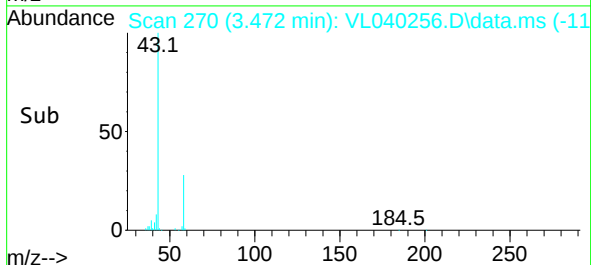
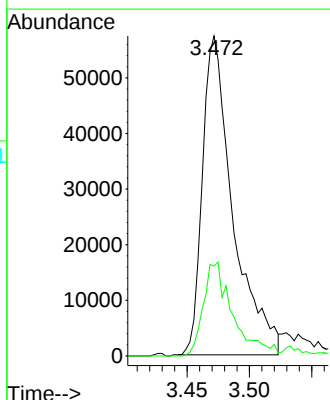
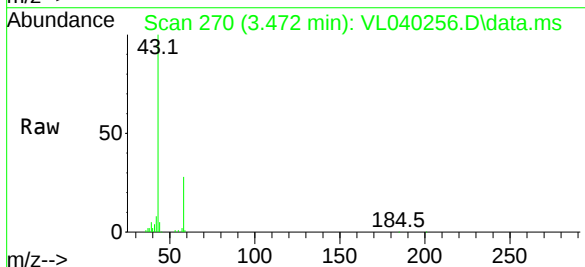
Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL

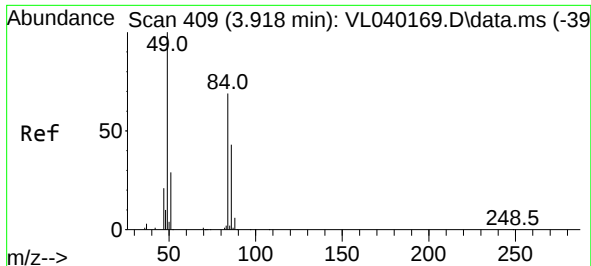
Tgt Ion: 45 Resp: 7927
Ion Ratio Lower Upper
45 100
46 83.2 13.3 53.1#



#15
Acetone
Concen: 0.890 ppbv
RT: 3.472 min Scan# 270
Delta R.T. 0.003 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

Tgt Ion: 43 Resp: 97668
Ion Ratio Lower Upper
43 100
58 31.0 22.4 33.6



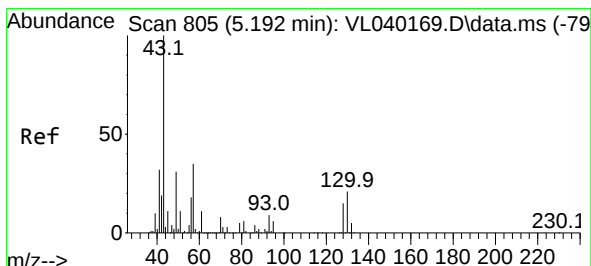
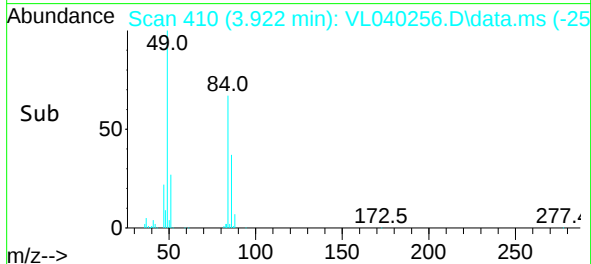
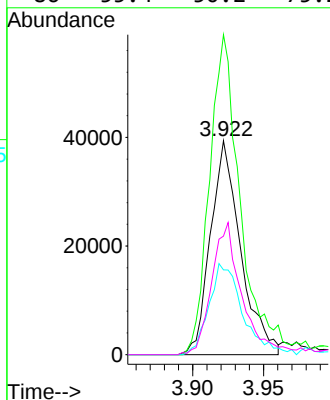
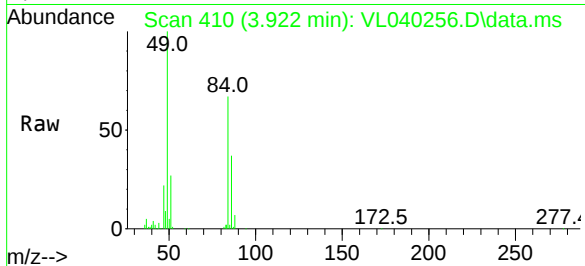


#20
Methylene Chloride
Concen: 1.021 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.013 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL

Tgt Ion: 84 Resp: 58333

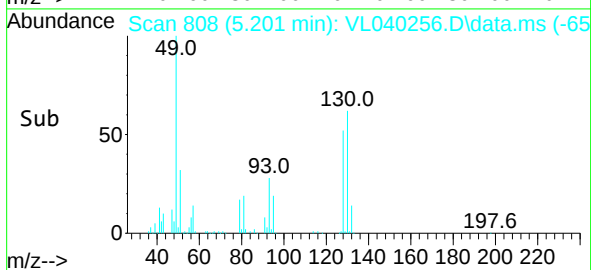
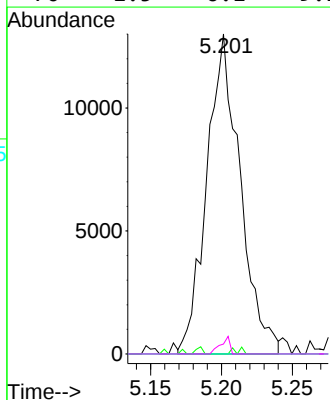
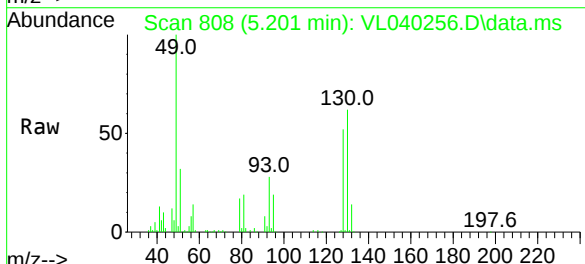
Ion	Ratio	Lower	Upper
84	100		
49	149.6	115.5	173.3
51	39.7	33.1	49.7
86	55.4	50.2	75.2

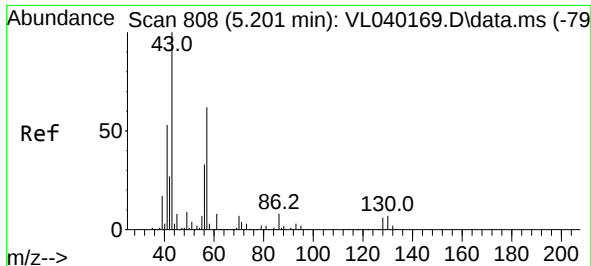


#25
Ethyl Acetate
Concen: 0.105 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

Tgt Ion: 43 Resp: 21337

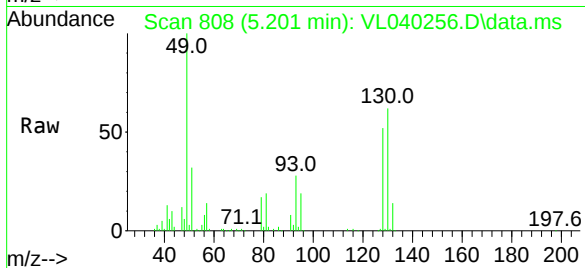
Ion	Ratio	Lower	Upper
43	100		
45	0.8	8.3	12.5#
61	0.0	8.4	12.6#
70	1.5	6.1	9.1#



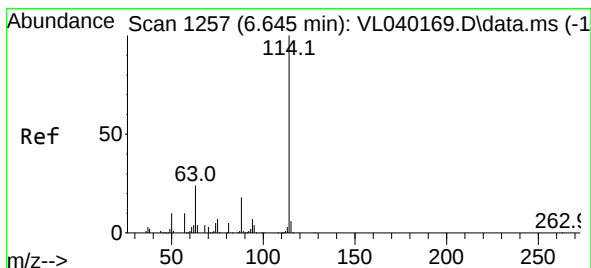
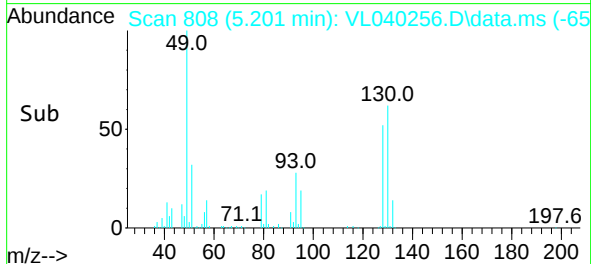
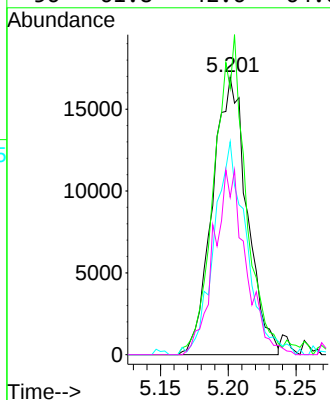


#26
Hexane
Concen: 0.344 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.022 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL

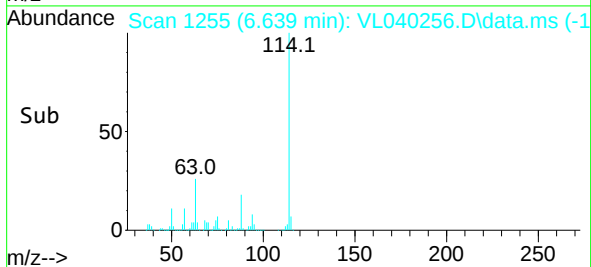
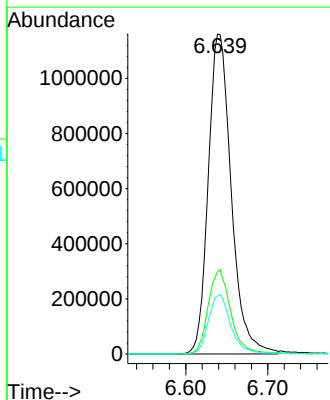
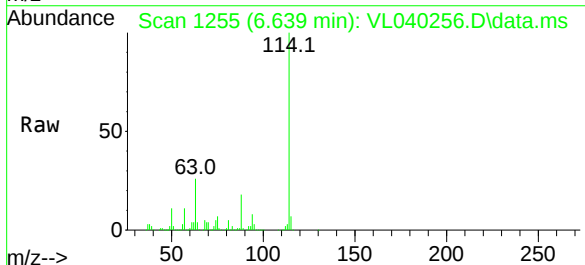


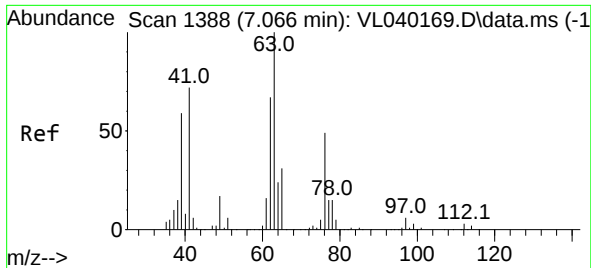
Tgt Ion: 57 Resp: 30104
Ion Ratio Lower Upper
57 100
41 108.2 74.3 111.5
43 74.2 193.0 289.4#
56 61.8 42.6 64.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.026 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

Tgt Ion: 114 Resp: 2255373
Ion Ratio Lower Upper
114 100
63 26.2 20.4 30.6
88 18.2 14.3 21.5





#39

1,2-Dichloropropane

Concen: 8.460 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.444 min

Lab File: VL040256.D

Acq: 8 Mar 2023 16:15

Instrument :

MSVOA_L

ClientSampleId :

DC-3723-SSDL

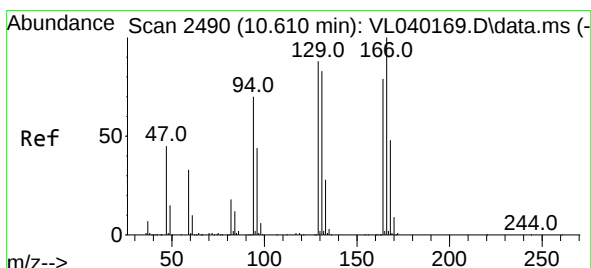
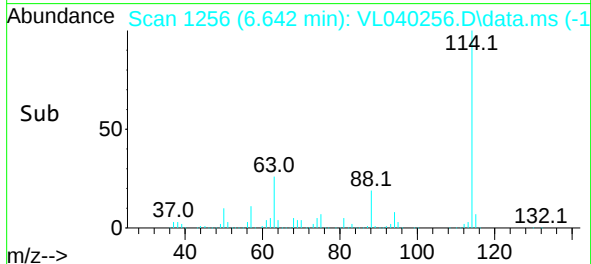
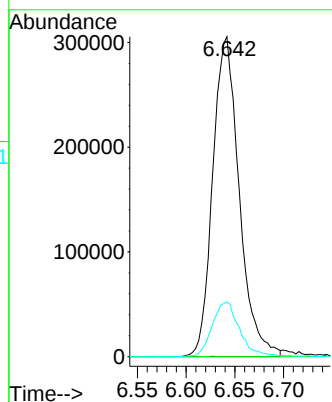
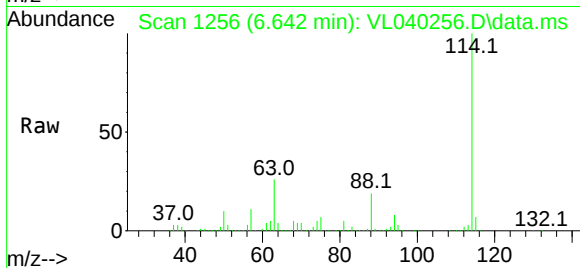
Tgt Ion: 63 Resp: 577631

Ion Ratio Lower Upper

63 100

41 0.0 57.6 86.4#

62 17.1 54.0 81.0#



#52

Tetrachloroethene

Concen: 9.260 ppbv

RT: 10.606 min Scan# 2489

Delta R.T. -0.029 min

Lab File: VL040256.D

Acq: 8 Mar 2023 16:15

Tgt Ion:164 Resp: 507509

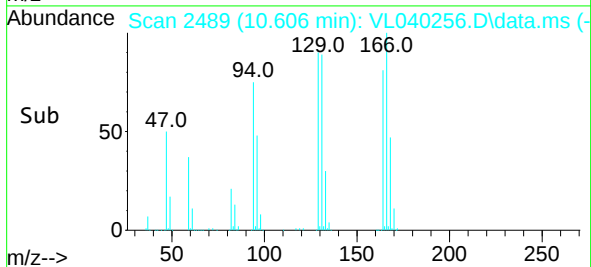
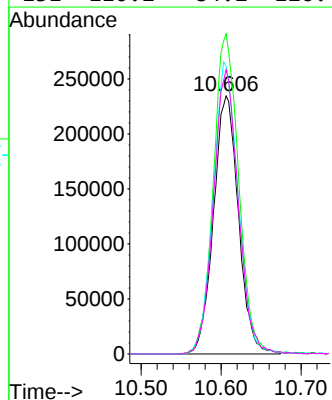
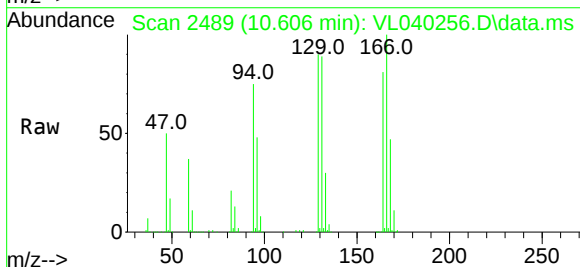
Ion Ratio Lower Upper

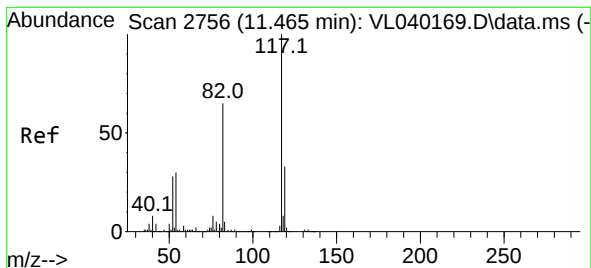
164 100

166 123.9 101.5 152.3

129 111.5 89.0 133.4

131 110.2 84.2 126.4

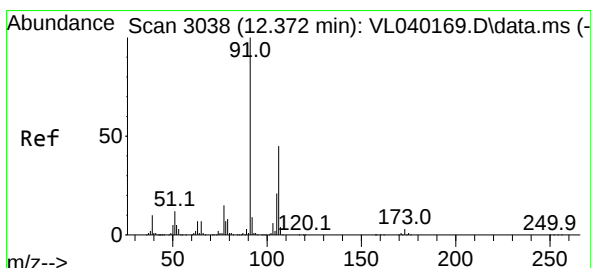
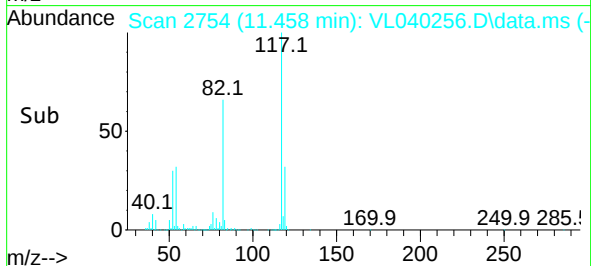
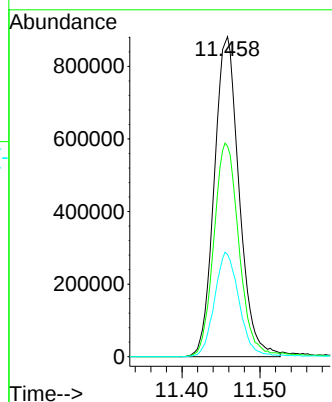
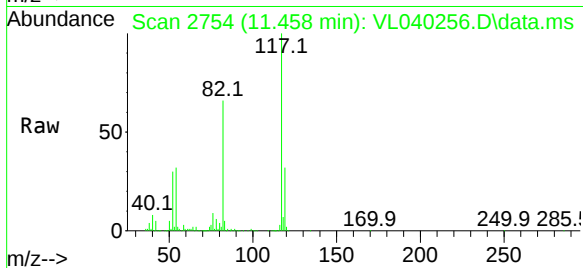




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

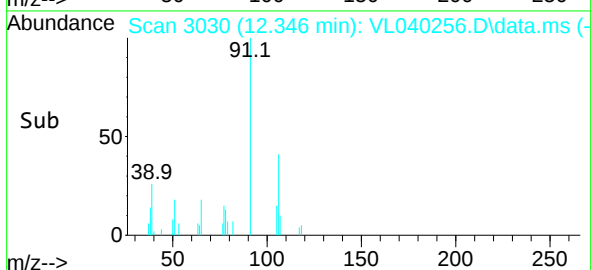
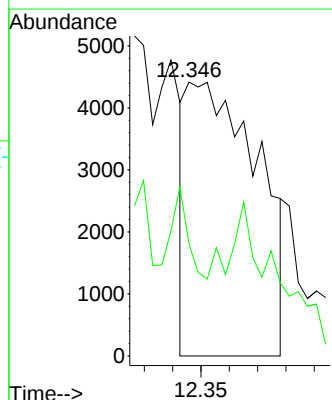
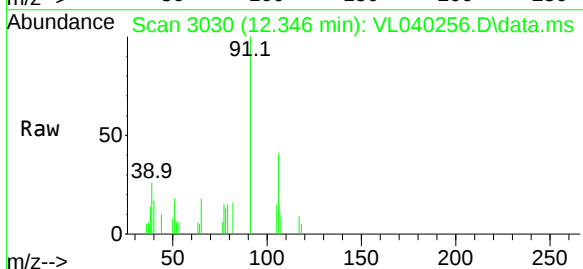
Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL

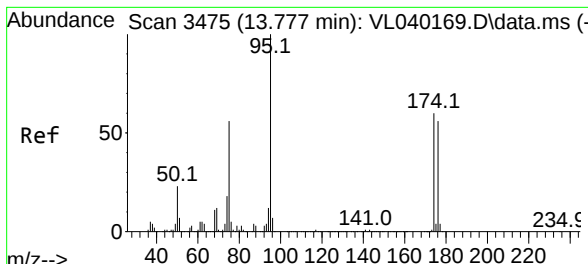
Tgt Ion:117 Resp: 1958180
Ion Ratio Lower Upper
117 100
82 68.3 53.3 79.9
119 32.6 24.6 37.0



#59
m/p-Xylene
Concen: 0.037 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. -0.051 min
Lab File: VL040256.D
Acq: 8 Mar 2023 16:15

Tgt Ion: 91 Resp: 7714
Ion Ratio Lower Upper
91 100
106 0.0 34.6 51.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.439 ppbv
 RT: 13.770 min Scan# 34
 Delta R.T. -0.026 min
 Lab File: VL040256.D
 Acq: 8 Mar 2023 16:15

Instrument :
 MSVOA_L
 ClientSampleId :
 DC-3723-SSDL

Tgt Ion: 95 Resp: 1519920
 Ion Ratio Lower Upper
 95 100
 174 59.9 48.2 72.2
 175 4.1 3.4 5.2

