

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040262.D
 Acq On : 8 Mar 2023 20:05
 Operator : SY/MD
 Sample : 01836-04DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LM-3723-SSDL

Quant Time: Mar 09 04:16:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

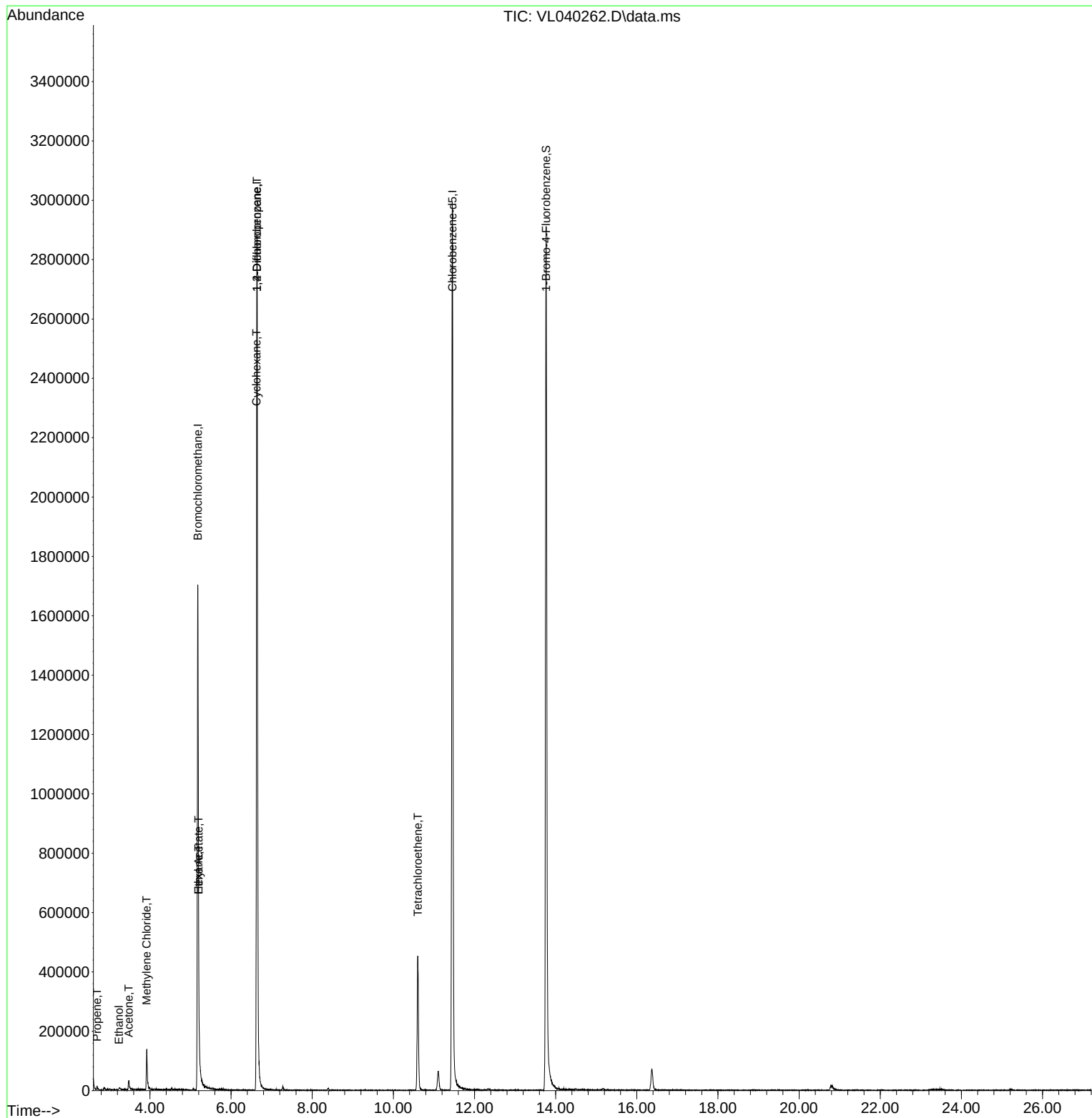
Internal Standards						
1) Bromochloromethane	5.179	49	851759	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.639	114	2062444	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.452	117	1857969	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1456548	9.534	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.300%
Target Compounds						
					Qvalue	
9) Propene	2.694	41	3559	0.086	ppbv #	76
13) Ethanol	3.234	45	650	0.170	ppbv #	41
15) Acetone	3.475	43	15145	0.148	ppbv #	47
20) Methylene Chloride	3.922	84	47752	0.895	ppbv	98
25) Ethyl Acetate	5.202	43	12502	0.066	ppbv #	79
26) Hexane	5.202	57	12282	0.150	ppbv #	24
30) Cyclohexane	6.629	84	4515	0.070	ppbv #	1
39) 1,2-Dichloropropane	6.639	63	540049	8.649	ppbv #	25
52) Tetrachloroethene	10.600	164	52947	1.056	ppbv	89

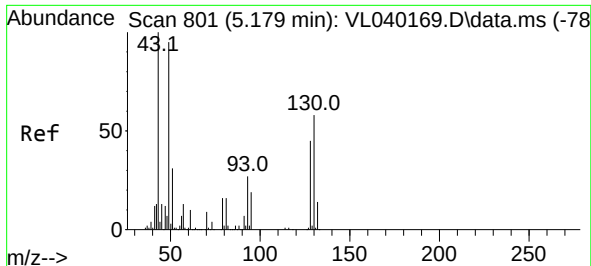
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
Data File : VL040262.D
Acq On : 8 Mar 2023 20:05
Operator : SY/MD
Sample : 01836-04DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL

Quant Time: Mar 09 04:16:14 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

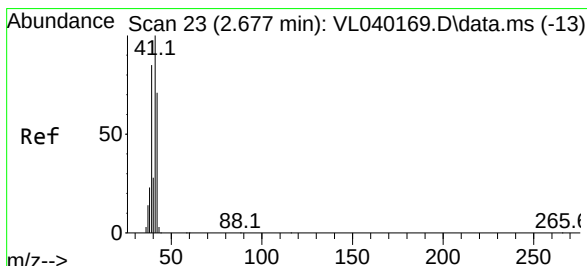
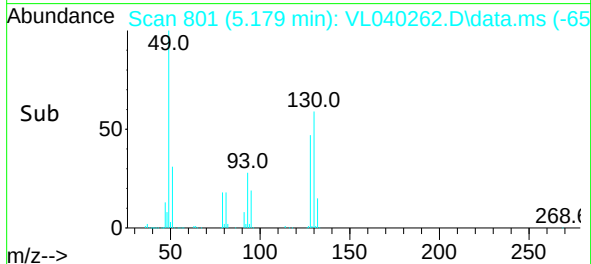
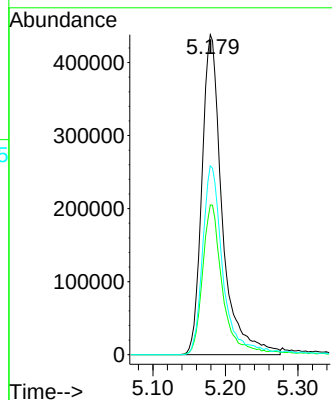
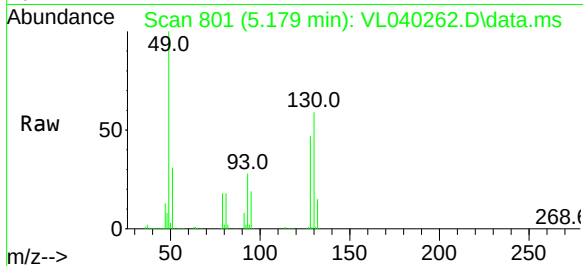




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 80
 Delta R.T. -0.022 min
 Lab File: VL040262.D
 Acq: 8 Mar 2023 20:05

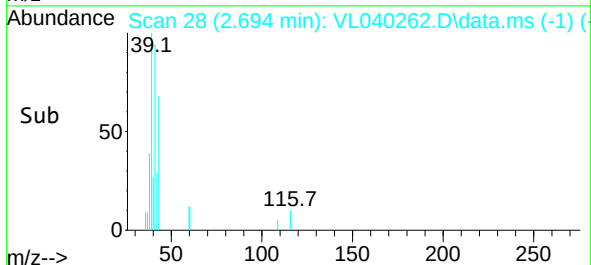
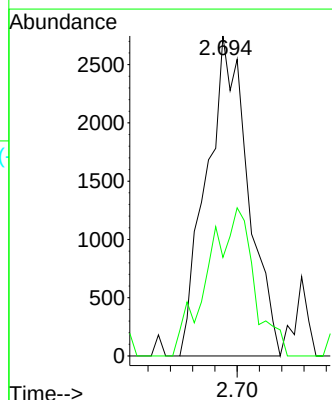
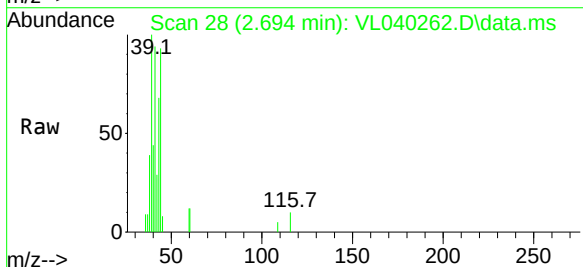
Instrument :
 MSVOA_L
 ClientSampleId :
 LM-3723-SSDL

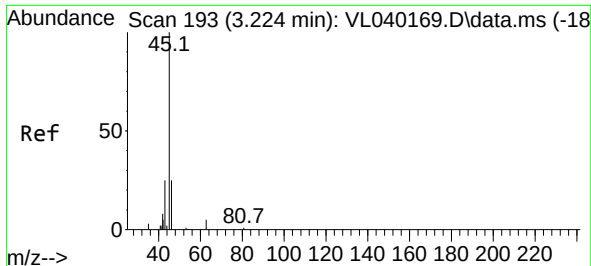
Tgt Ion: 49 Resp: 851759
 Ion Ratio Lower Upper
 49 100
 128 47.2 24.1 72.3
 130 60.9 30.9 92.8



#9
 Propene
 Concen: 0.086 ppbv
 RT: 2.694 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VL040262.D
 Acq: 8 Mar 2023 20:05

Tgt Ion: 41 Resp: 3559
 Ion Ratio Lower Upper
 41 100
 42 51.3 56.9 85.3#

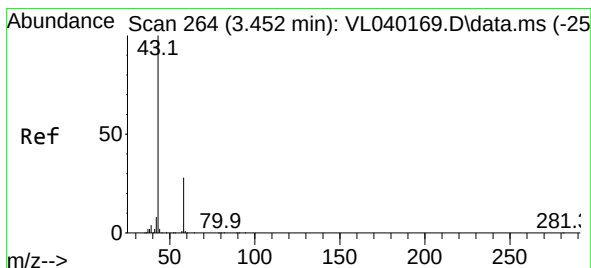
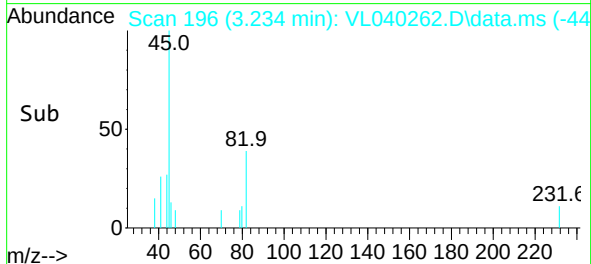
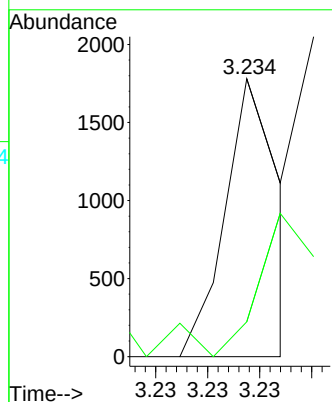
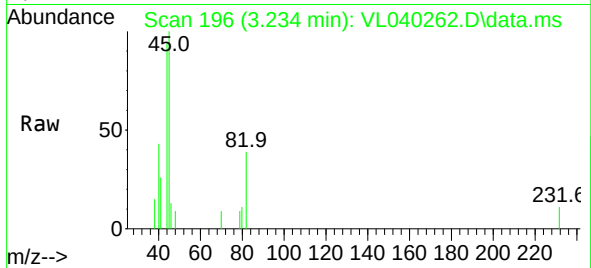




#13
Ethanol
Concen: 0.170 ppbv
RT: 3.234 min Scan# 193
Delta R.T. -0.013 min
Lab File: VL040262.D
Acq: 8 Mar 2023 20:05

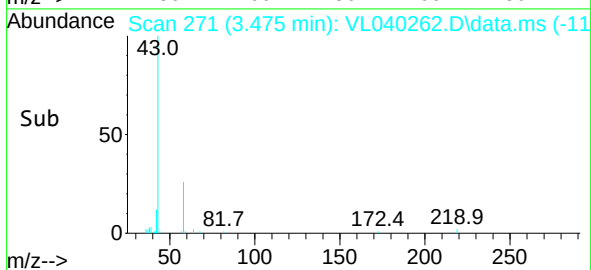
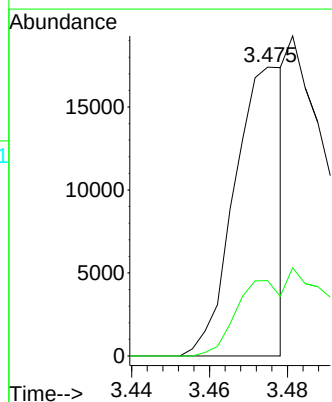
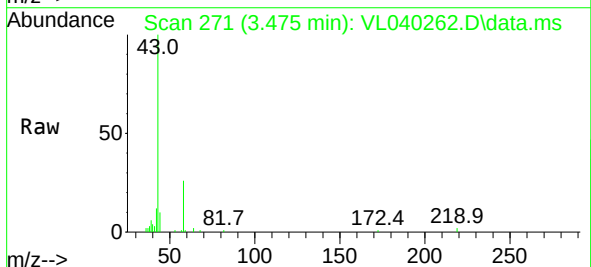
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL

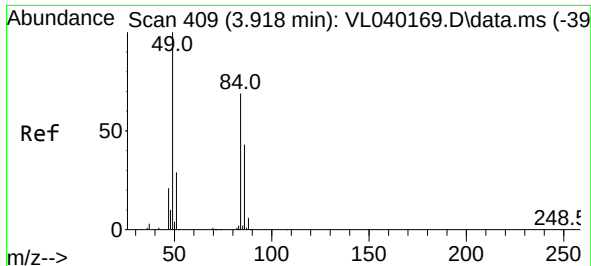
Tgt Ion: 45 Resp: 650
Ion Ratio Lower Upper
45 100
46 0.0 13.3 53.1#



#15
Acetone
Concen: 0.148 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.007 min
Lab File: VL040262.D
Acq: 8 Mar 2023 20:05

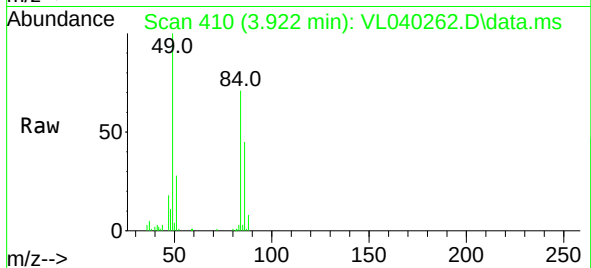
Tgt Ion: 43 Resp: 15145
Ion Ratio Lower Upper
43 100
58 0.0 22.4 33.6#



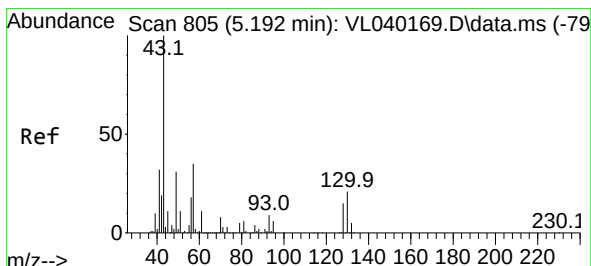
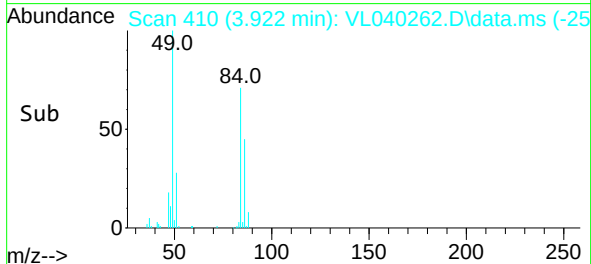
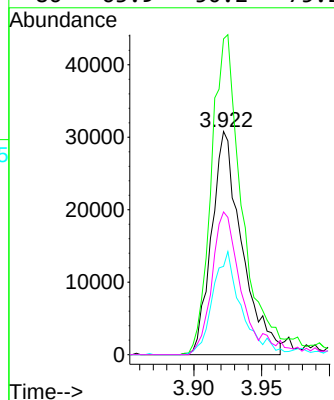


#20
Methylene Chloride
Concen: 0.895 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.013 min
Lab File: VL040262.D
Acq: 8 Mar 2023 20:05

Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL

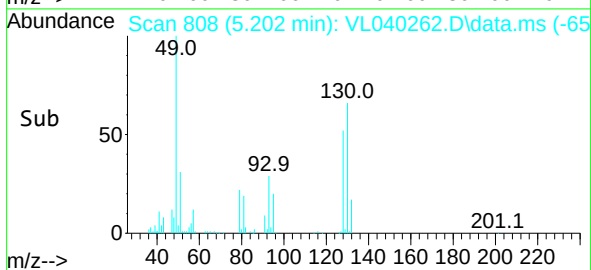
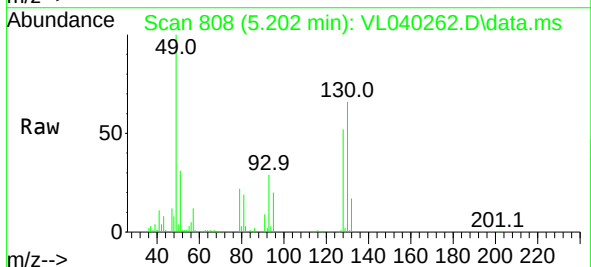
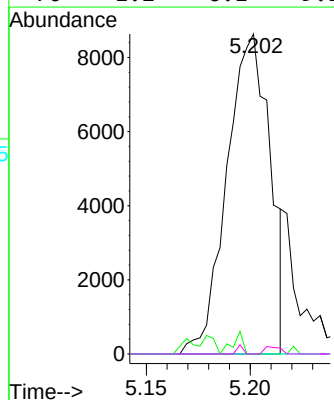


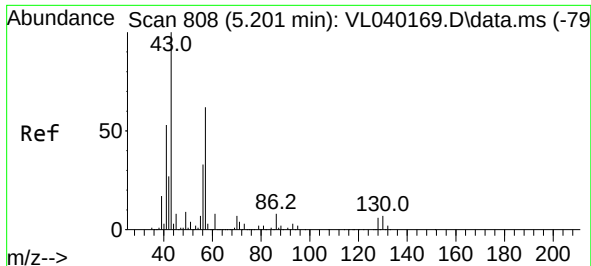
Tgt Ion:	84	Resp:	47752
Ion	Ratio	Lower	Upper
84	100		
49	141.5	115.5	173.3
51	39.6	33.1	49.7
86	63.9	50.2	75.2



#25
Ethyl Acetate
Concen: 0.066 ppbv
RT: 5.202 min Scan# 808
Delta R.T. -0.009 min
Lab File: VL040262.D
Acq: 8 Mar 2023 20:05

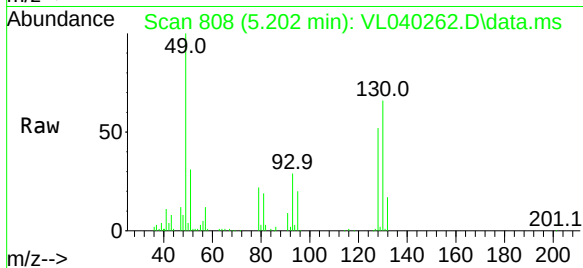
Tgt Ion:	43	Resp:	12502
Ion	Ratio	Lower	Upper
43	100		
45	4.7	8.3	12.5#
61	0.0	8.4	12.6#
70	1.2	6.1	9.1#



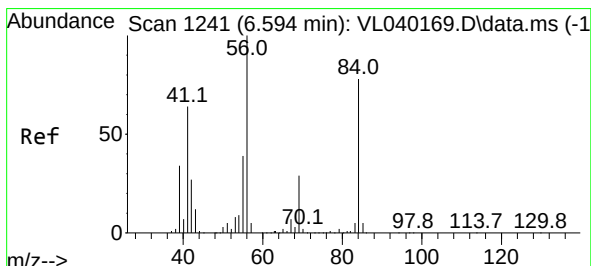
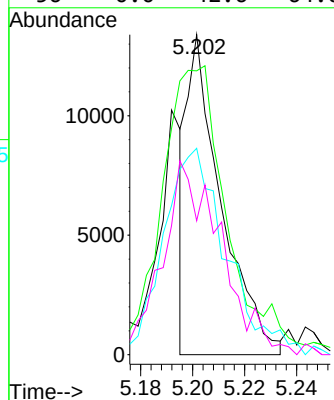
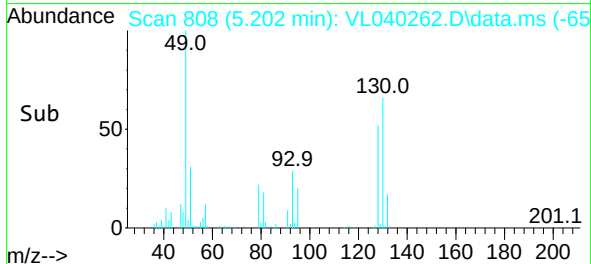


#26
Hexane
Concen: 0.150 ppbv
RT: 5.202 min Scan# 808
Delta R.T. -0.022 min
Lab File: VL040262.D
Acq: 8 Mar 2023 20:05

Instrument :
MSVOA_1
ClientSampleId :
LM-3723-SSDL

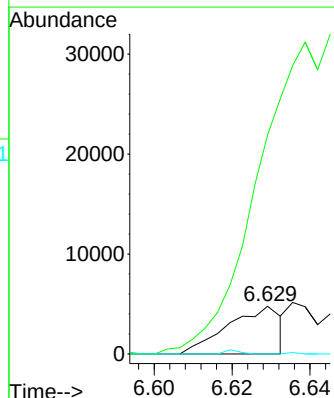
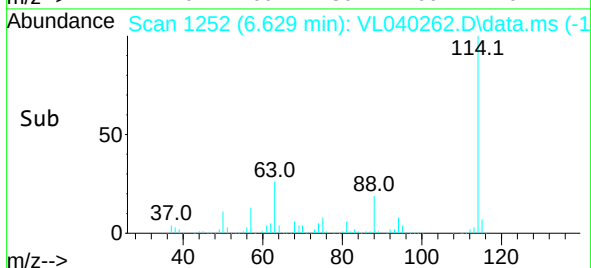
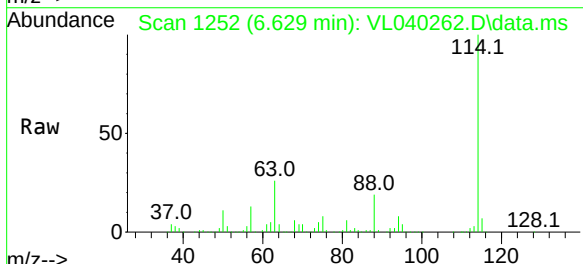


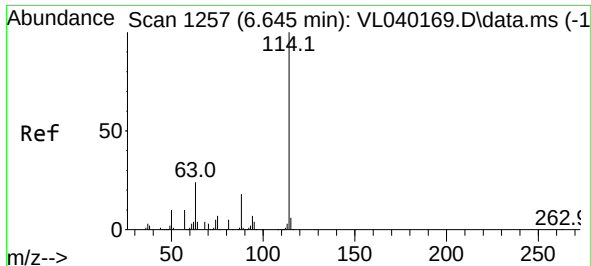
Tgt Ion:	57	Resp:	12282
Ion	Ratio	Lower	Upper
57	100		
41	176.8	74.3	111.5#
43	119.4	193.0	289.4#
56	0.0	42.6	64.0#



#30
Cyclohexane
Concen: 0.070 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. 0.013 min
Lab File: VL040262.D
Acq: 8 Mar 2023 20:05

Tgt Ion:	84	Resp:	4515
Ion	Ratio	Lower	Upper
84	100		
56	0.0	109.9	164.9#
41	3.1	67.8	101.6#

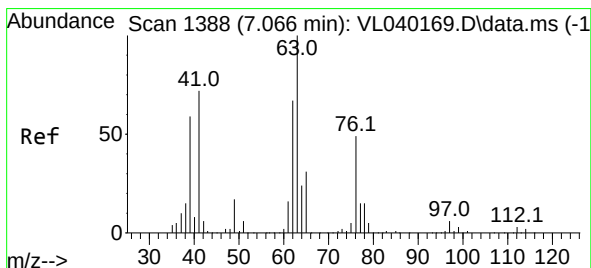
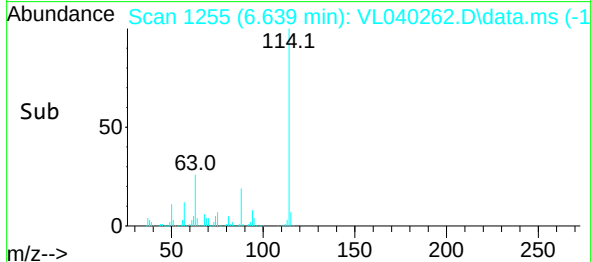
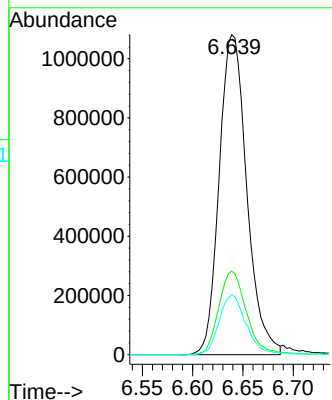
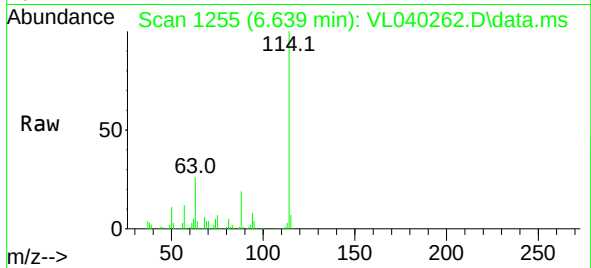




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040262.D
Acq: 8 Mar 2023 20:05

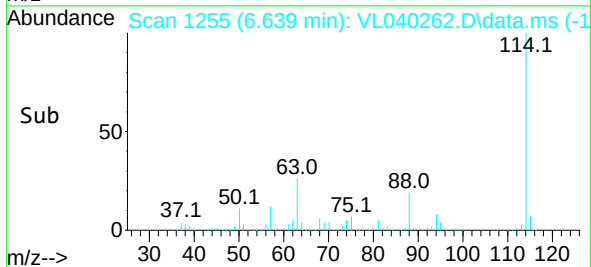
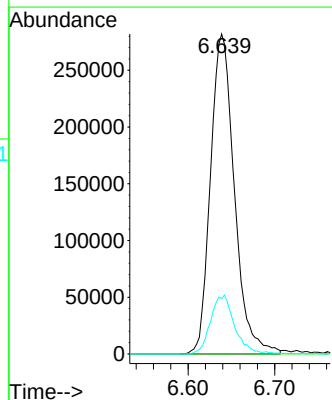
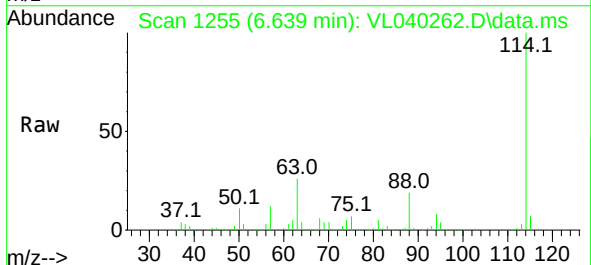
Instrument :
MSVOA_1
ClientSampleId :
LM-3723-SSDL

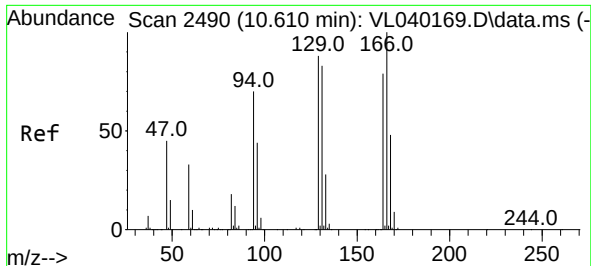
Tgt Ion:114 Resp: 2062444
Ion Ratio Lower Upper
114 100
63 26.5 20.4 30.6
88 18.6 14.3 21.5



#39
1,2-Dichloropropane
Concen: 8.649 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.447 min
Lab File: VL040262.D
Acq: 8 Mar 2023 20:05

Tgt Ion: 63 Resp: 540049
Ion Ratio Lower Upper
63 100
41 0.0 57.6 86.4#
62 17.3 54.0 81.0#

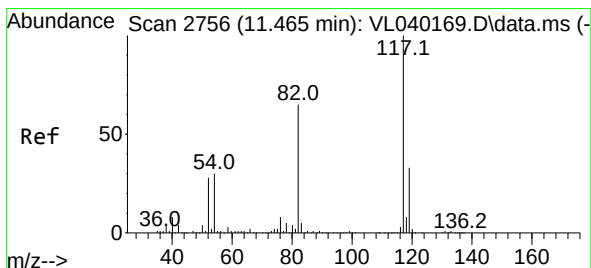
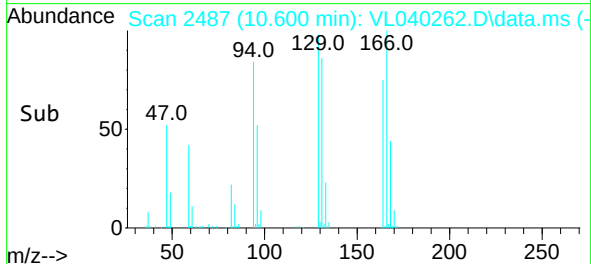
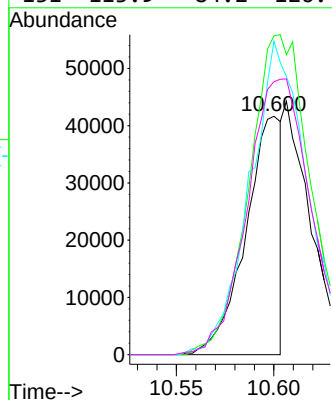
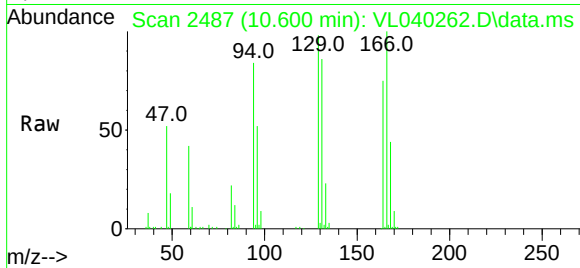




#52
Tetrachloroethene
Concen: 1.056 ppbv
RT: 10.600 min Scan# 2490
Delta R.T. -0.035 min
Lab File: VL040262.D
Acq: 8 Mar 2023 20:05

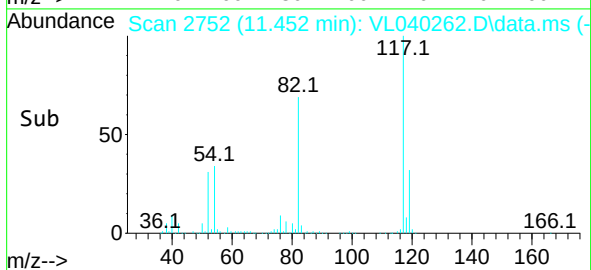
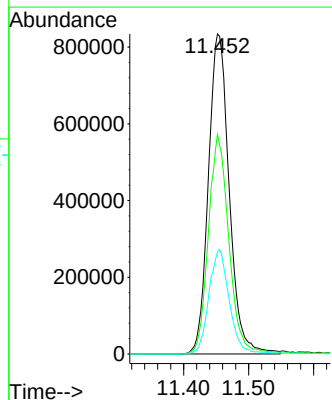
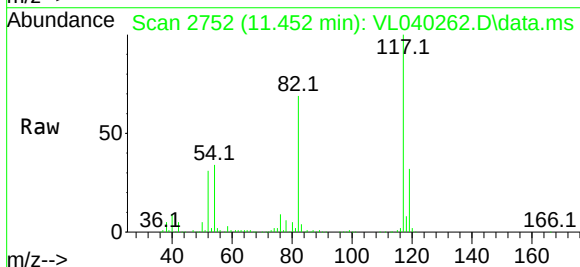
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL

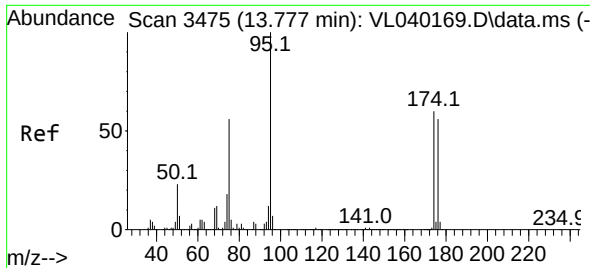
Tgt Ion:164 Resp: 52947
Ion Ratio Lower Upper
164 100
166 133.7 101.5 152.3
129 131.4 89.0 133.4
131 113.9 84.2 126.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.035 min
Lab File: VL040262.D
Acq: 8 Mar 2023 20:05

Tgt Ion:117 Resp: 1857969
Ion Ratio Lower Upper
117 100
82 67.9 53.3 79.9
119 32.1 24.6 37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.534 ppbv
 RT: 13.764 min Scan# 34
 Delta R.T. -0.032 min
 Lab File: VL040262.D
 Acq: 8 Mar 2023 20:05

Instrument :
 MSVOA_L
 ClientSampleId :
 LM-3723-SSDL

Tgt Ion: 95 Resp: 1456548
 Ion Ratio Lower Upper
 95 100
 174 58.3 48.2 72.2
 175 4.1 3.4 5.2

