

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
 Data File : VL040602.D
 Acq On : 7 Aug 2023 17:14
 Operator : SY/MD
 Sample : 03907-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Quant Time: Aug 08 01:42:19 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)

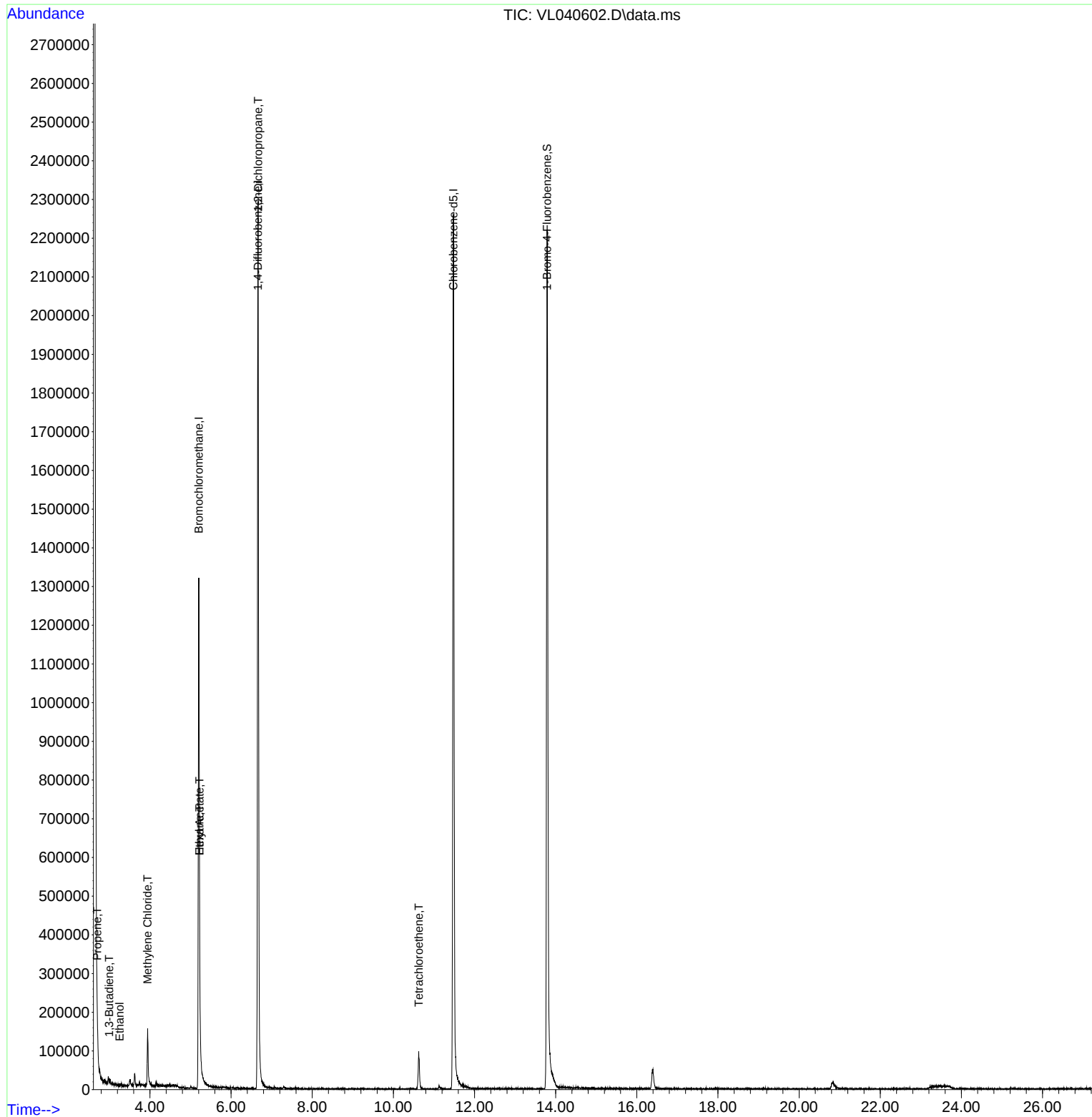
Internal Standards						
1) Bromochloromethane	5.205	49	643430	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	1629034	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	1346657	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1068921	10.029	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.300%	
Target Compounds						
					Qvalue	
9) Propene	2.700	41	9018	0.258	ppbv	96
13) Ethanol	3.253	45	363	0.048	ppbv #	37
16) 1,3-Butadiene	2.992	39	1638	0.044	ppbv #	8
20) Methylene Chloride	3.944	84	47296	1.501	ppbv	91
25) Ethyl Acetate	5.224	43	17725	0.126	ppbv #	77
26) Hexane	5.224	57	25116	0.383	ppbv #	39
39) 1,2-Dichloropropane	6.668	63	427585	8.474	ppbv #	26
52) Tetrachloroethene	10.626	164	11054	0.260	ppbv	90

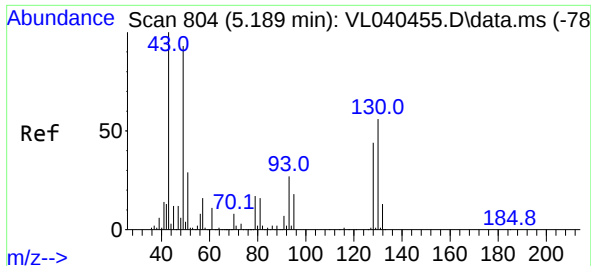
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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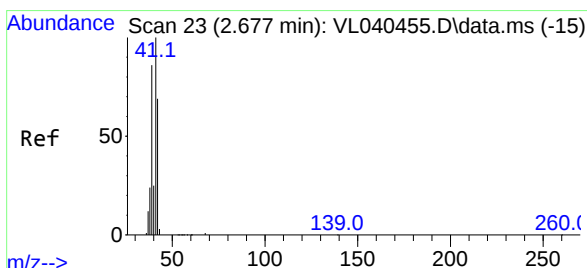
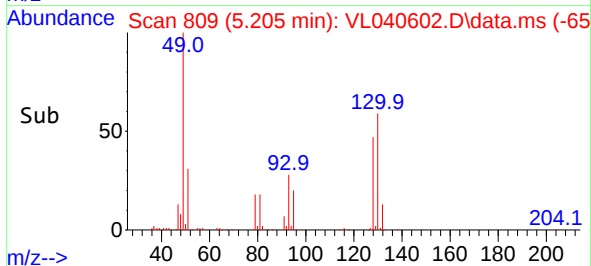
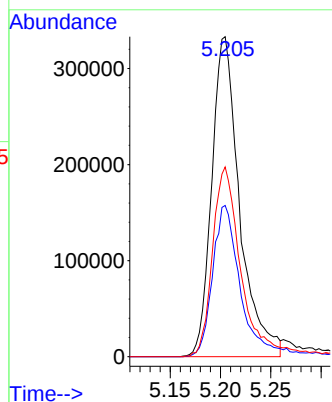
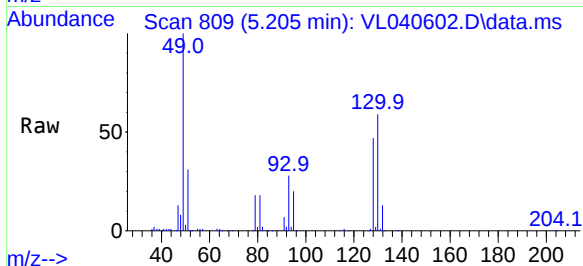




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

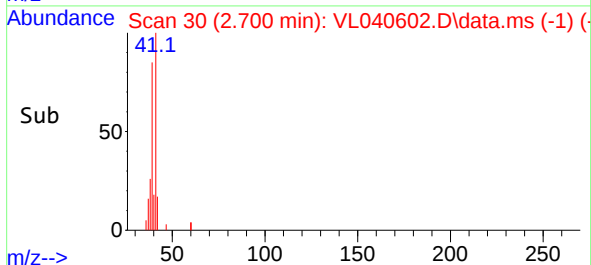
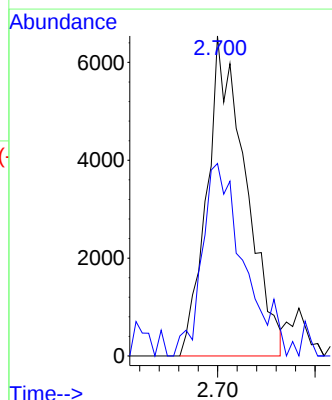
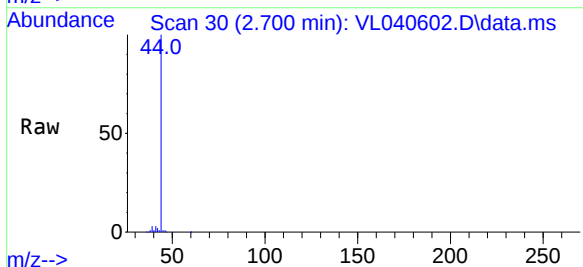
Instrument :
MSVOA_L
ClientSampleId :
SV-2

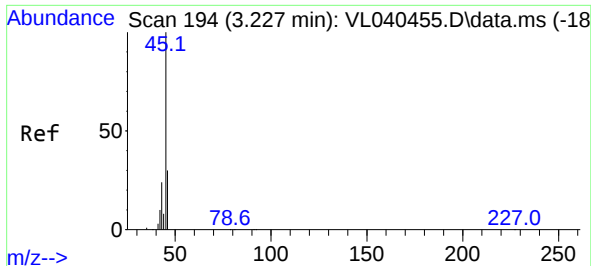
Tgt Ion: 49 Resp: 643430
Ion Ratio Lower Upper
49 100
128 49.8 25.1 75.4
130 62.2 31.6 94.7



#9
Propene
Concen: 0.258 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

Tgt Ion: 41 Resp: 9018
Ion Ratio Lower Upper
41 100
42 72.1 55.0 82.6

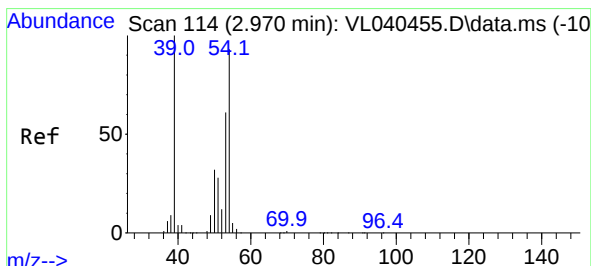
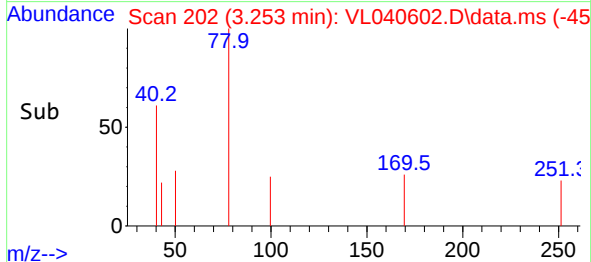
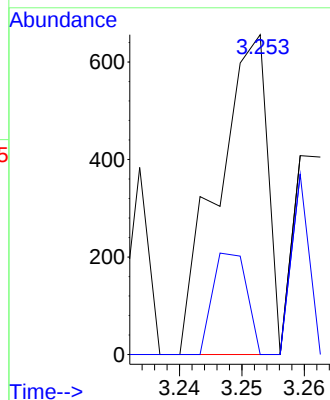
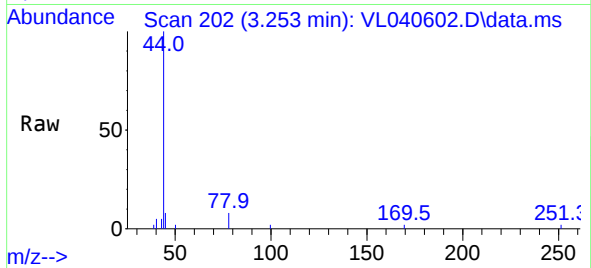




#13
Ethanol
Concen: 0.048 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

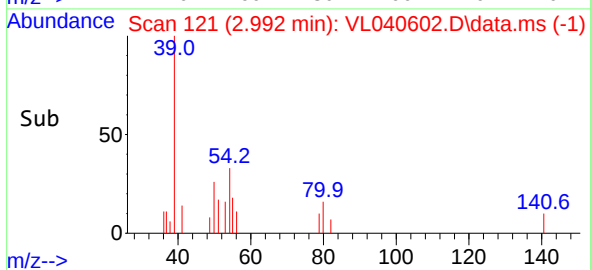
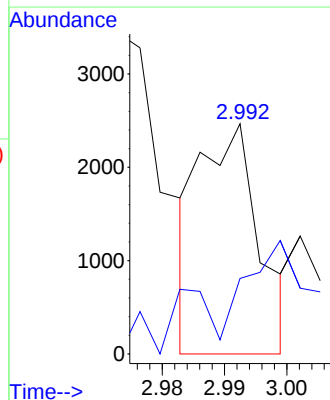
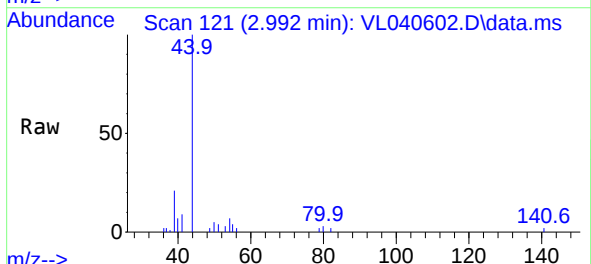
Instrument :
MSVOA_L
ClientSampleId :
SV-2

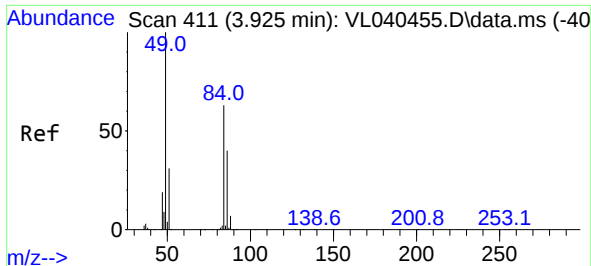
Tgt Ion: 45 Resp: 363
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1#



#16
1,3-Butadiene
Concen: 0.044 ppbv
RT: 2.992 min Scan# 121
Delta R.T. -0.000 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

Tgt Ion: 39 Resp: 1638
Ion Ratio Lower Upper
39 100
54 0.0 66.6 100.0#



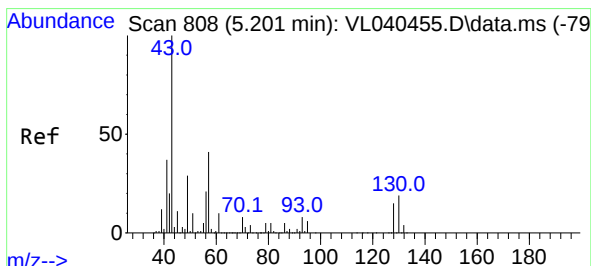
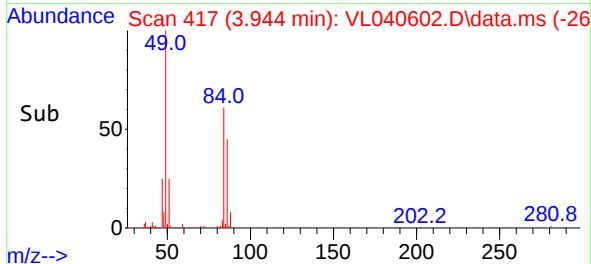
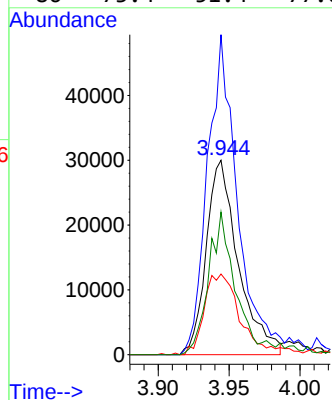
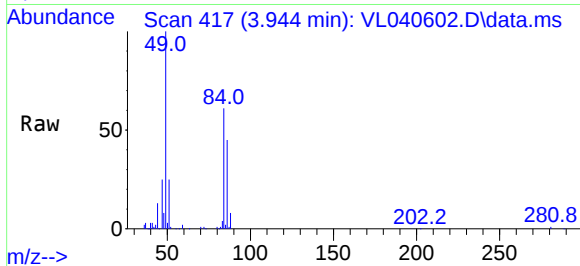


#20
Methylene Chloride
Concen: 1.501 ppbv
RT: 3.944 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 84 Resp: 47296

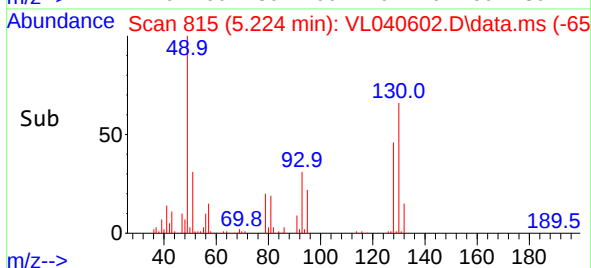
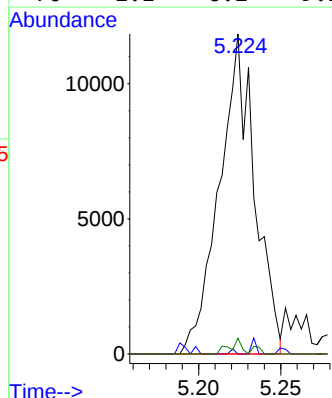
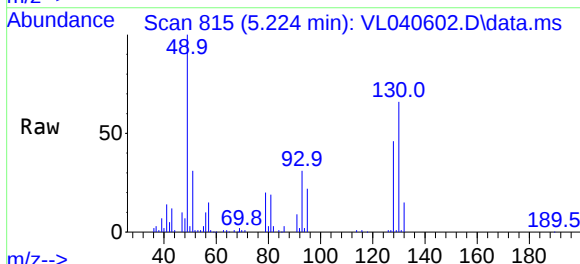
Ion	Ratio	Lower	Upper
84	100		
49	164.1	123.4	185.2
51	41.5	38.3	57.5
86	73.4	51.4	77.0

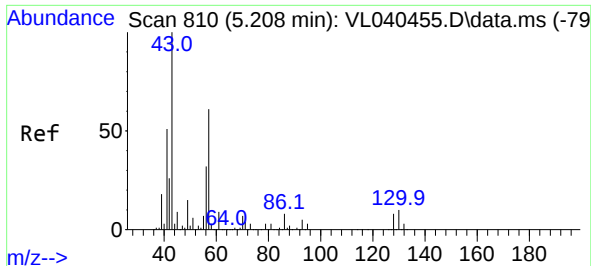


#25
Ethyl Acetate
Concen: 0.126 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.013 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

Tgt Ion: 43 Resp: 17725

Ion	Ratio	Lower	Upper
43	100		
45	1.3	8.2	12.4#
61	0.0	8.3	12.5#
70	2.1	6.2	9.2#

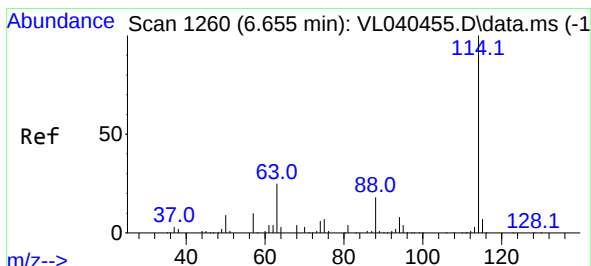
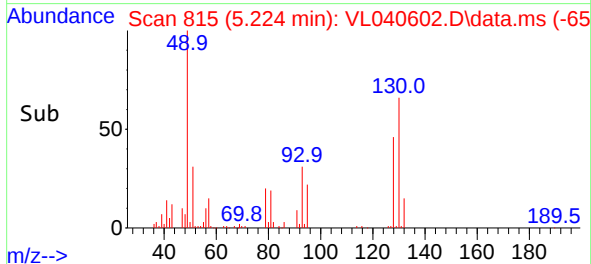
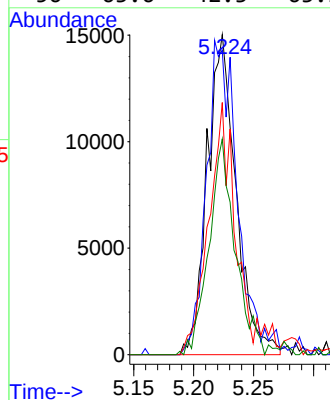
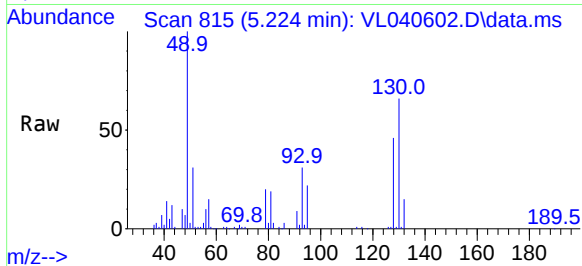




#26
Hexane
Concen: 0.383 ppbv
RT: 5.224 min Scan# 810
Delta R.T. 0.003 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

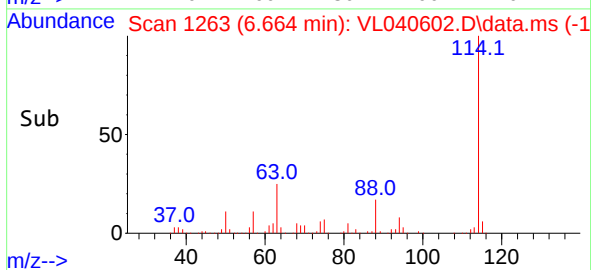
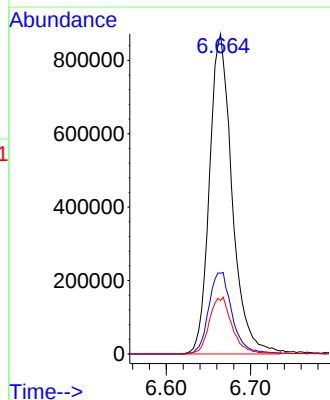
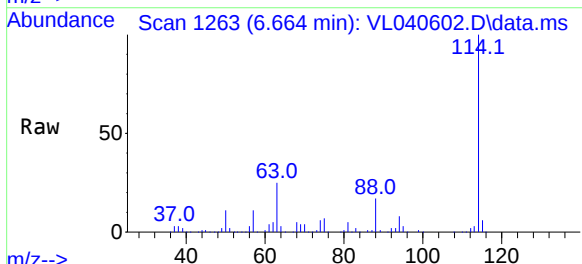
Instrument :
MSVOA_L
ClientSampleId :
SV-2

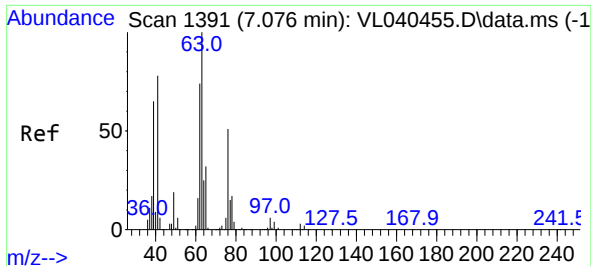
Tgt Ion: 57 Resp: 25116
Ion Ratio Lower Upper
57 100
41 107.5 69.5 104.3#
43 80.0 177.1 265.7#
56 63.6 42.3 63.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

Tgt Ion: 114 Resp: 1629034
Ion Ratio Lower Upper
114 100
63 26.7 19.6 29.4
88 18.1 14.2 21.2





#39

1,2-Dichloropropane

Concen: 8.474 ppbv

RT: 6.668 min Scan# 1

Delta R.T. -0.415 min

Lab File: VL040602.D

Acq: 7 Aug 2023 17:14

Instrument :

MSVOA_L

ClientSampleId :

SV-2

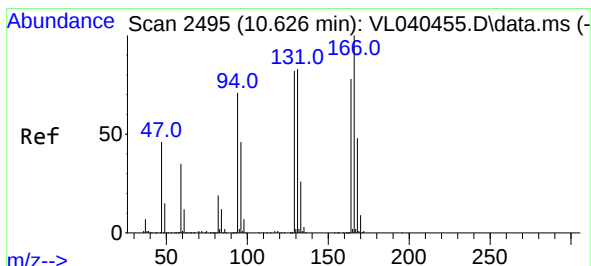
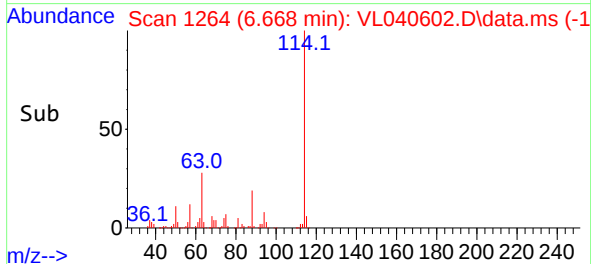
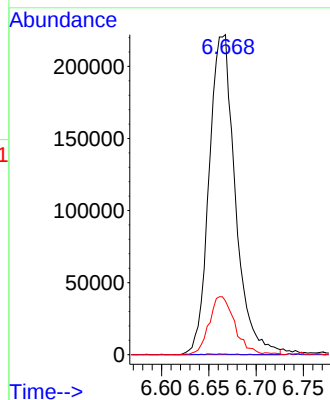
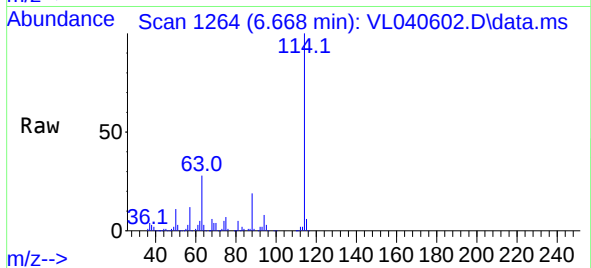
Tgt Ion: 63 Resp: 427585

Ion Ratio Lower Upper

63 100

41 0.2 54.3 81.5#

62 16.8 55.6 83.4#



#52

Tetrachloroethene

Concen: 0.260 ppbv

RT: 10.626 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VL040602.D

Acq: 7 Aug 2023 17:14

Tgt Ion:164 Resp: 11054

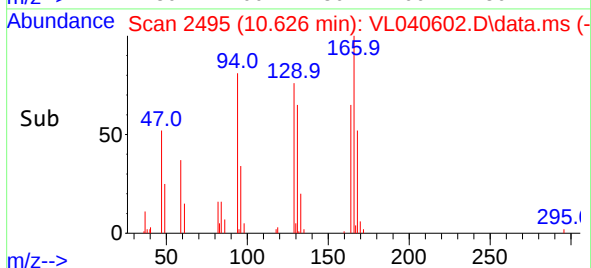
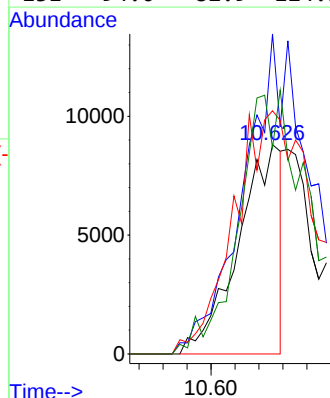
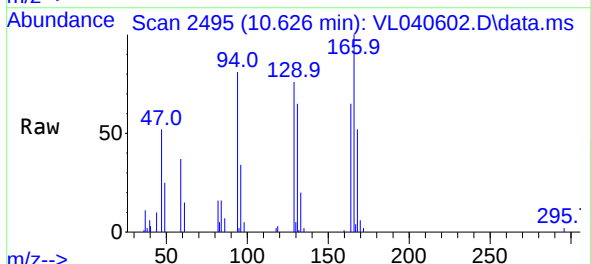
Ion Ratio Lower Upper

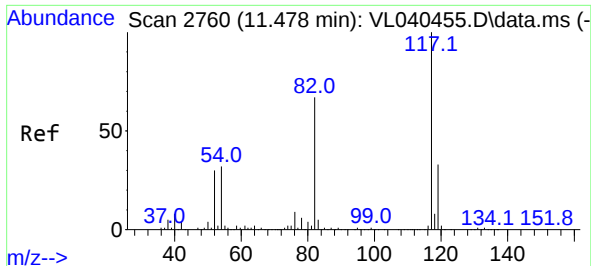
164 100

166 147.5 103.9 155.9

129 109.4 84.6 126.8

131 94.0 82.9 124.3

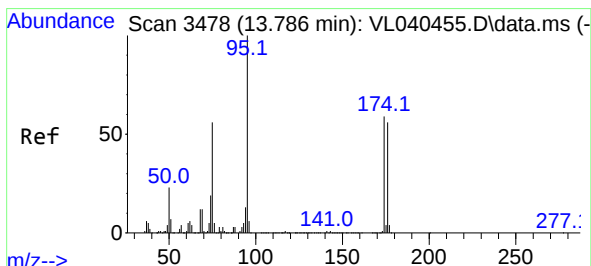
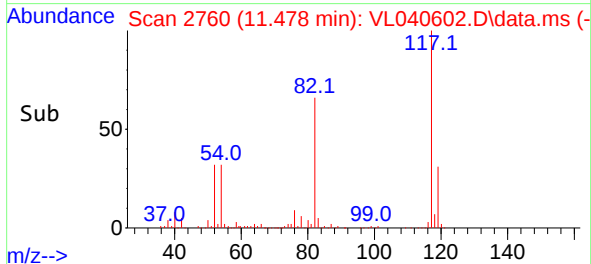
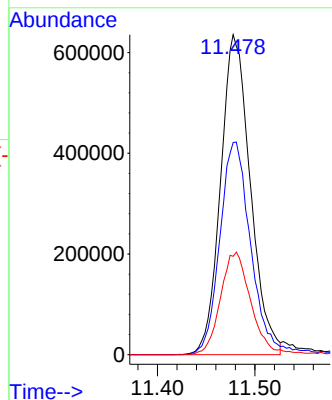
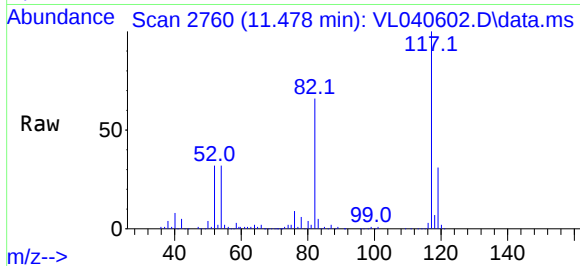




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:117 Resp: 1346657
Ion Ratio Lower Upper
117 100
82 71.0 50.2 75.4
119 33.3 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.029 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. 0.006 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

Tgt Ion: 95 Resp: 1068921
Ion Ratio Lower Upper
95 100
174 61.1 50.6 75.8
175 4.1 3.7 5.5

