

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040493.D
 Acq On : 22 Jun 2023 20:05
 Operator : SY/MD
 Sample : 03300-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3DL

Quant Time: Jun 23 01:32:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

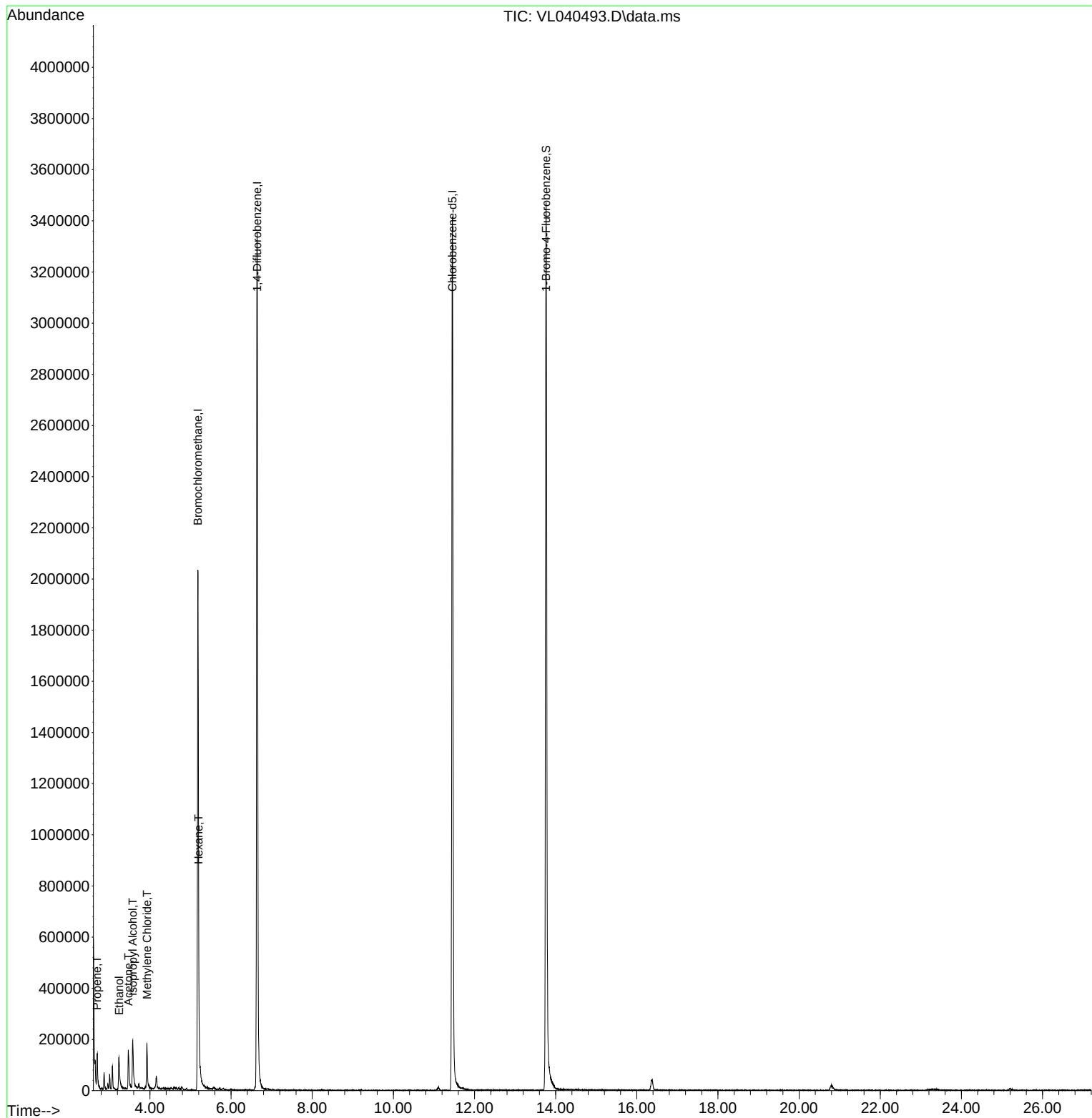
Internal Standards						
1) Bromochloromethane	5.182	49	966506	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2386578	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.455	117	2068268	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1689040	9.895	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
9) Propene	2.697	41	39795	0.815	ppbv	88
13) Ethanol	3.240	45	132361	13.094	ppbv	90
15) Acetone	3.468	43	149160	1.280	ppbv	93
19) Isopropyl Alcohol	3.578	45	185722	3.305	ppbv #	94
20) Methylene Chloride	3.928	84	58728	1.180	ppbv	97
26) Hexane	5.201	57	14772	0.148	ppbv #	43

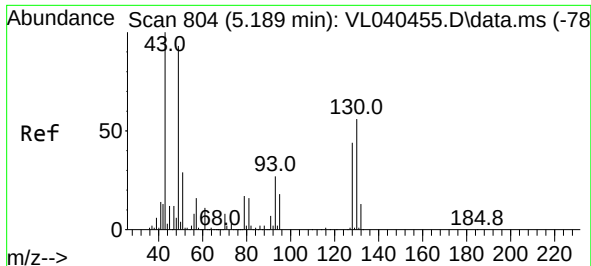
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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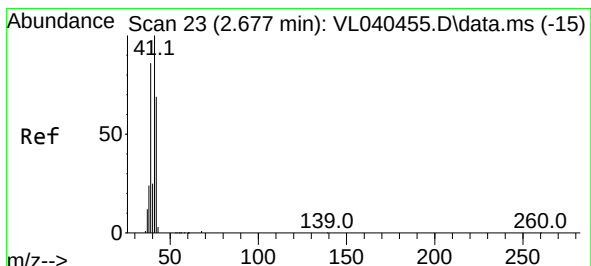
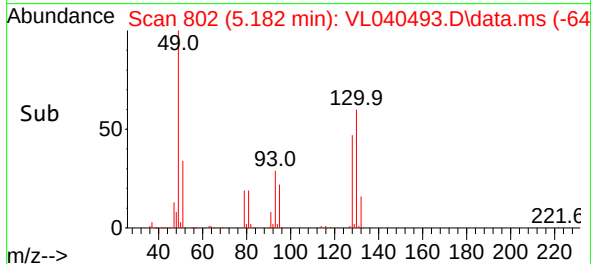
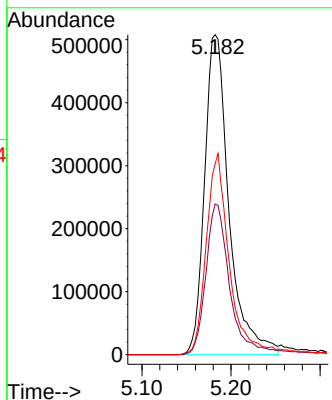
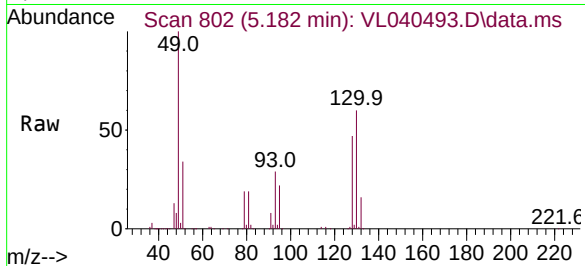




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040493.D
Acq: 22 Jun 2023 20:05

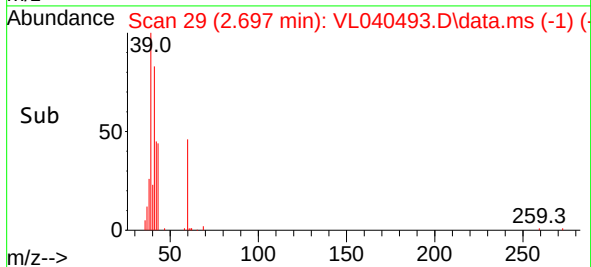
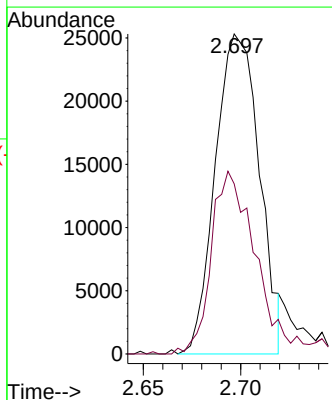
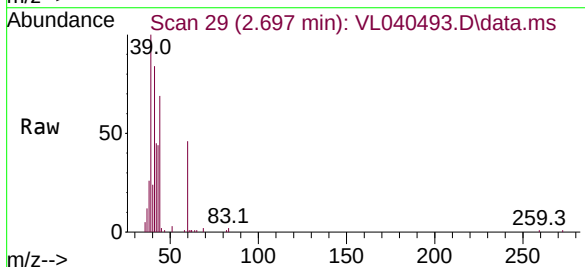
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

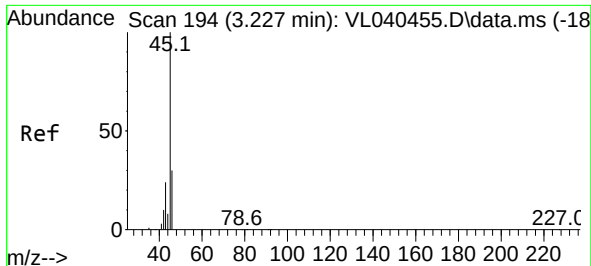
Tgt Ion: 49 Resp: 966506
Ion Ratio Lower Upper
49 100
128 47.5 24.7 74.1
130 61.7 31.4 94.2



#9
Propene
Concen: 0.815 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.019 min
Lab File: VL040493.D
Acq: 22 Jun 2023 20:05

Tgt Ion: 41 Resp: 39795
Ion Ratio Lower Upper
41 100
42 60.7 56.2 84.2

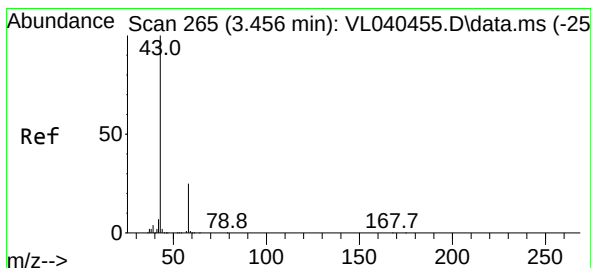
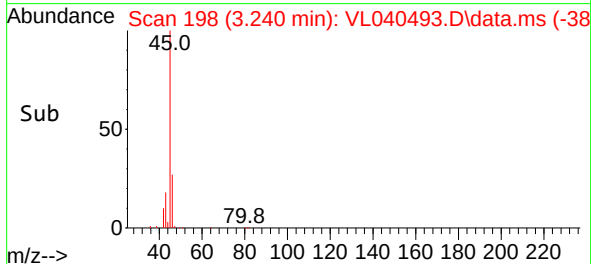
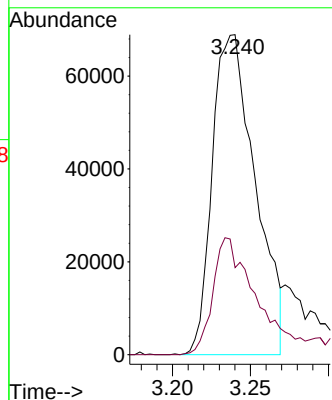
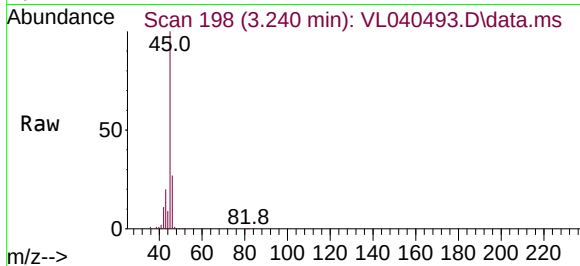




#13
Ethanol
Concen: 13.094 ppbv
RT: 3.240 min Scan# 194
Delta R.T. 0.013 min
Lab File: VL040493.D
Acq: 22 Jun 2023 20:05

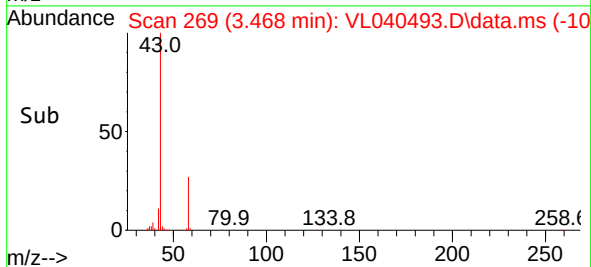
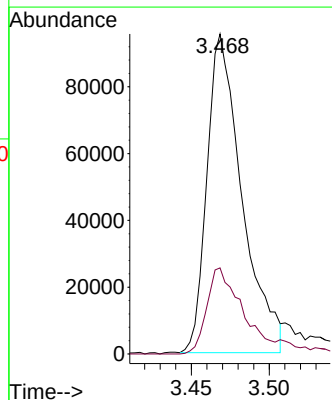
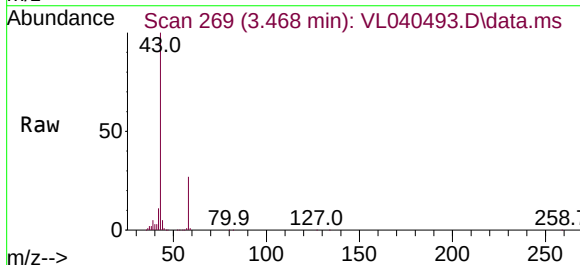
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

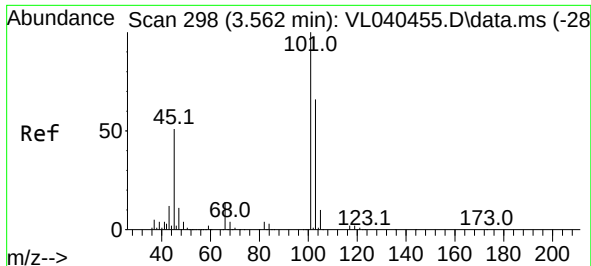
Tgt Ion: 45 Resp: 132361
Ion Ratio Lower Upper
45 100
46 42.2 14.5 58.1



#15
Acetone
Concen: 1.280 ppbv
RT: 3.468 min Scan# 269
Delta R.T. 0.013 min
Lab File: VL040493.D
Acq: 22 Jun 2023 20:05

Tgt Ion: 43 Resp: 149160
Ion Ratio Lower Upper
43 100
58 30.9 21.6 32.4





#19

Isopropyl Alcohol

Concen: 3.305 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.016 min

Lab File: VL040493.D

Acq: 22 Jun 2023 20:05

Instrument :

MSVOA_L

ClientSampleId :

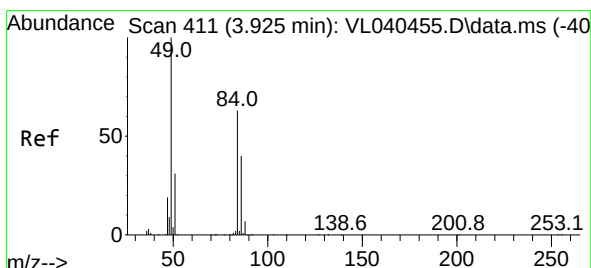
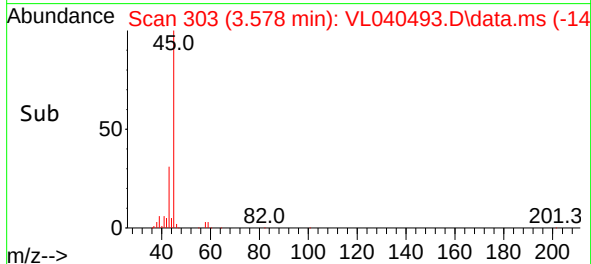
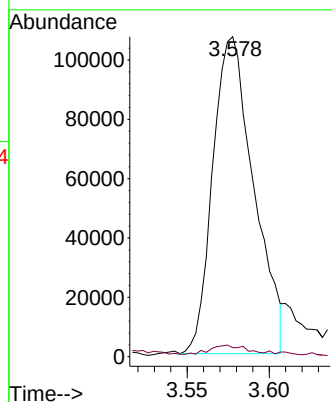
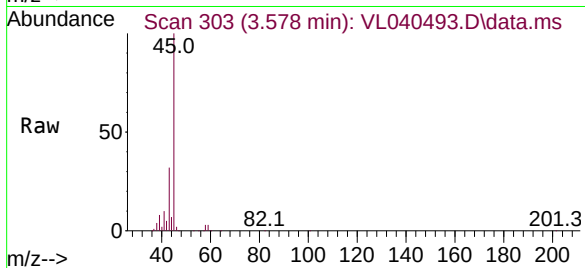
SV-3DL

Tgt Ion: 45 Resp: 185722

Ion Ratio Lower Upper

45 100

58 5.4 2.6 4.0#



#20

Methylene Chloride

Concen: 1.180 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.003 min

Lab File: VL040493.D

Acq: 22 Jun 2023 20:05

Tgt Ion: 84 Resp: 58728

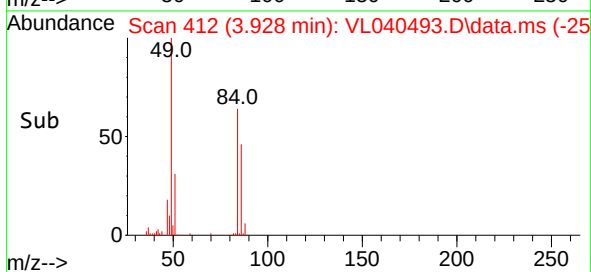
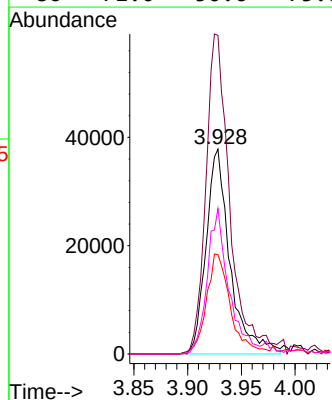
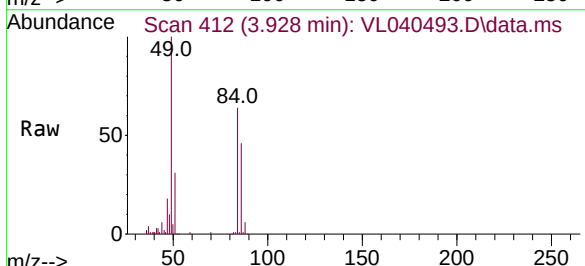
Ion Ratio Lower Upper

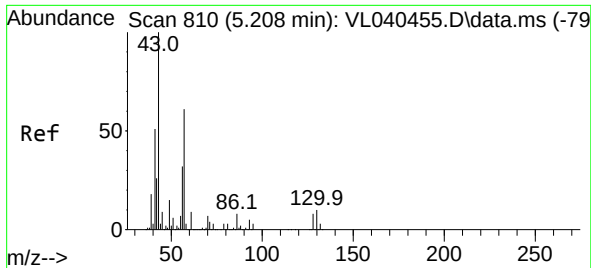
84 100

49 155.6 126.2 189.2

51 48.5 38.7 58.1

86 71.0 50.6 75.8

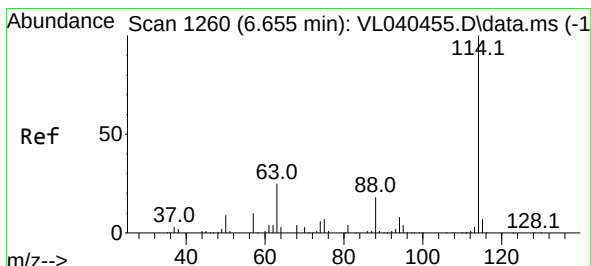
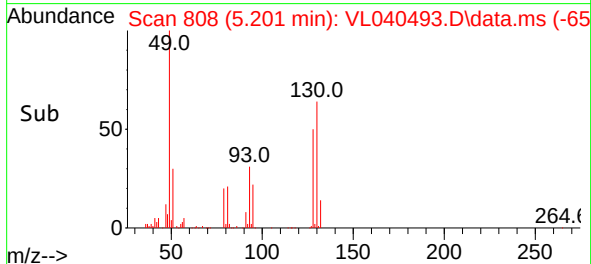
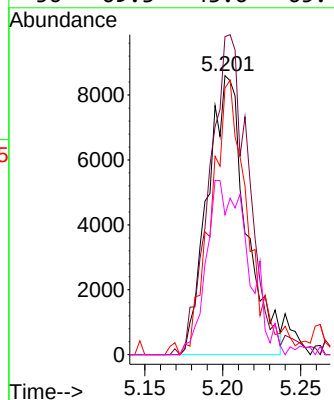
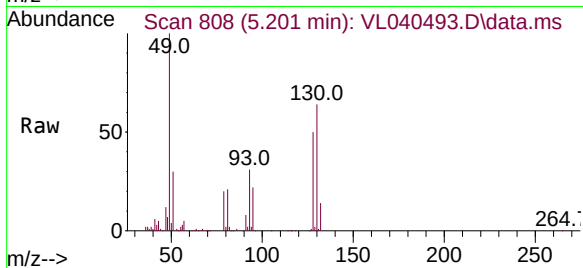




#26
Hexane
Concen: 0.148 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL040493.D
Acq: 22 Jun 2023 20:05

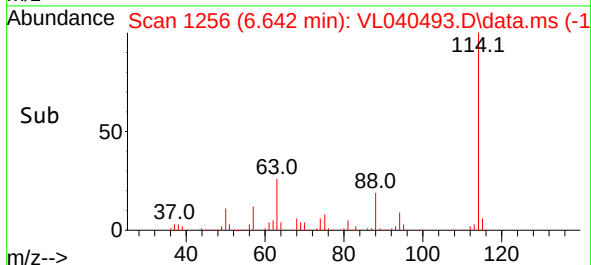
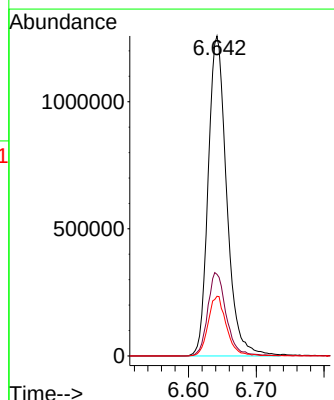
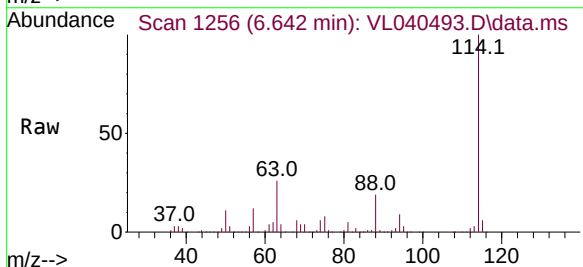
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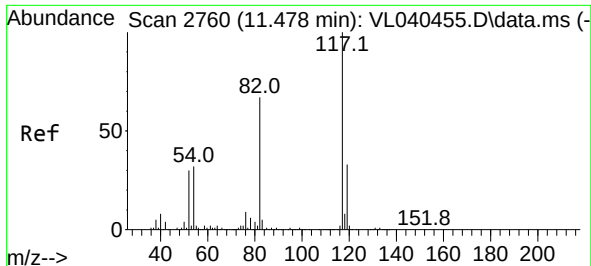
Tgt Ion: 57 Resp: 14772
Ion Ratio Lower Upper
57 100
41 117.8 73.0 109.6#
43 95.5 177.5 266.3#
56 69.3 43.6 65.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VL040493.D
Acq: 22 Jun 2023 20:05

Tgt Ion: 114 Resp: 2386578
Ion Ratio Lower Upper
114 100
63 26.3 21.0 31.6
88 18.6 14.5 21.7

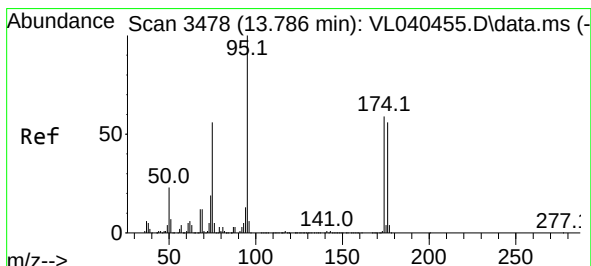
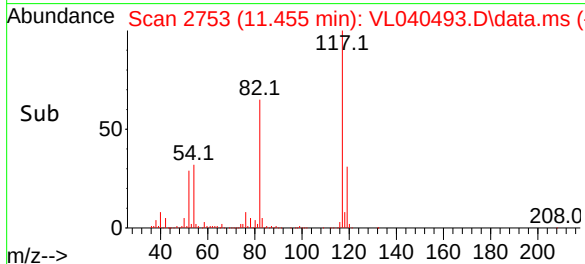
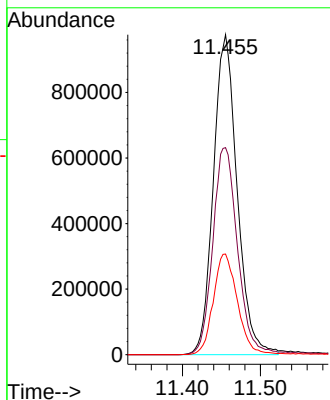
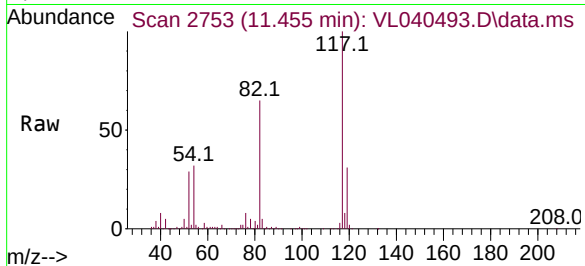




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040493.D
Acq: 22 Jun 2023 20:05

Instrument :
MSVOA_1
ClientSampleId :
SV-3DL

Tgt Ion:117 Resp: 2068268
Ion Ratio Lower Upper
117 100
82 68.5 53.0 79.4
119 32.2 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.895 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.023 min
Lab File: VL040493.D
Acq: 22 Jun 2023 20:05

Tgt Ion: 95 Resp: 1689040
Ion Ratio Lower Upper
95 100
174 60.1 47.7 71.5
175 4.2 3.5 5.3

