

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039576.D
 Acq On : 19 Aug 2022 9:25
 Operator : SY/AP
 Sample : N3986-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E061-1100DL

Quant Time: Aug 20 00:55:32 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

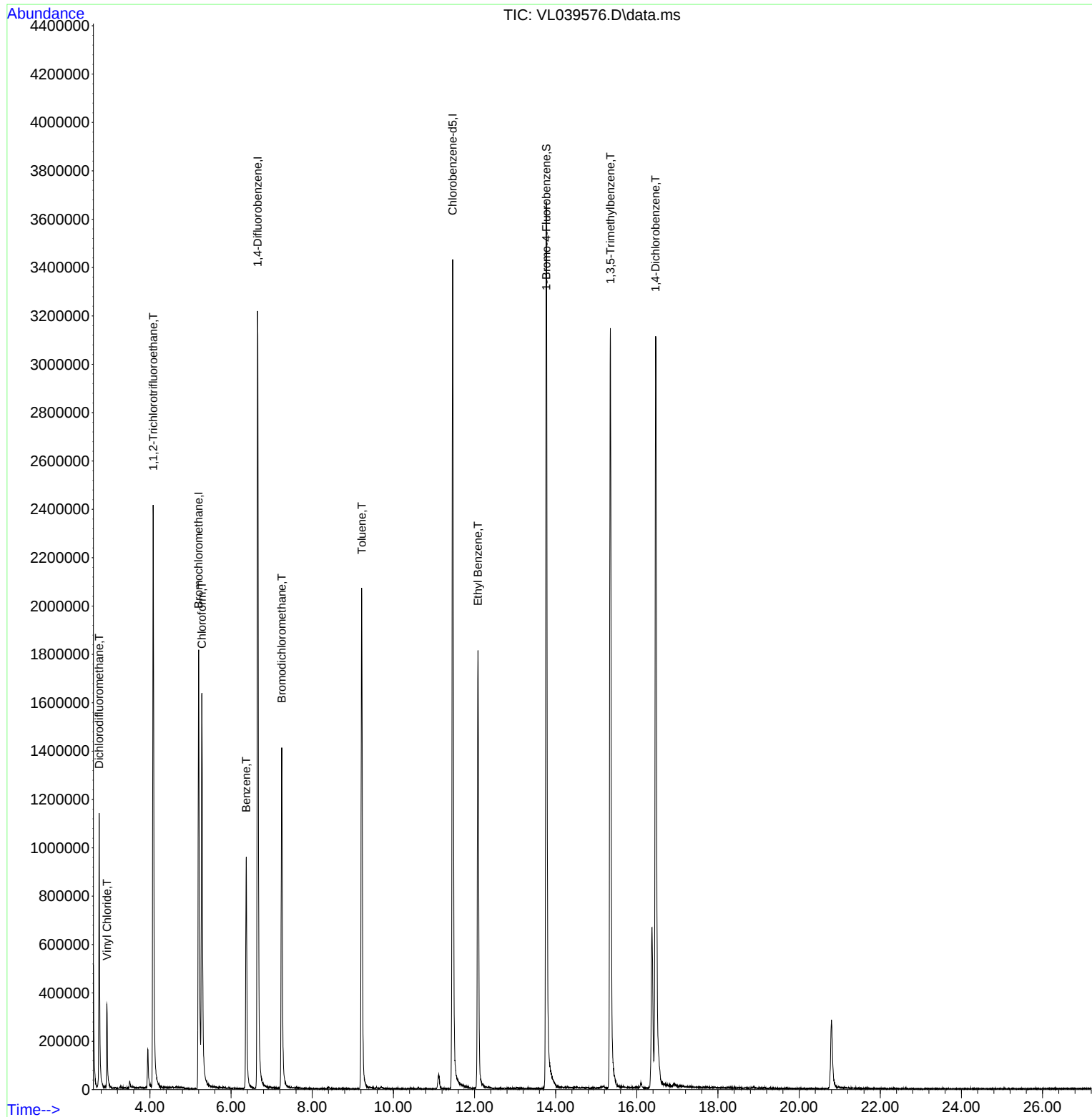
Internal Standards						
1) Bromochloromethane	5.198	49	921751	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2501507	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2287855	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1744253	10.127	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.748	85	875608	7.067	ppbv	99
5) Vinyl Chloride	2.941	62	307893	5.405	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.083	101	946945	9.420	ppbv	98
29) Chloroform	5.282	83	1179694	8.277	ppbv	98
36) Benzene	6.375	78	819985	4.301	ppbv	100
42) Bromodichloromethane	7.250	83	988258	6.827	ppbv	95
53) Toluene	9.221	91	1679704	7.864	ppbv	100
58) Ethyl Benzene	12.086	91	1621188	6.119	ppbv	100
73) 1,3,5-Trimethylbenzene	15.349	105	2578219	10.521	ppbv	95
76) 1,4-Dichlorobenzene	16.465	146	1759285	10.584	ppbv	97

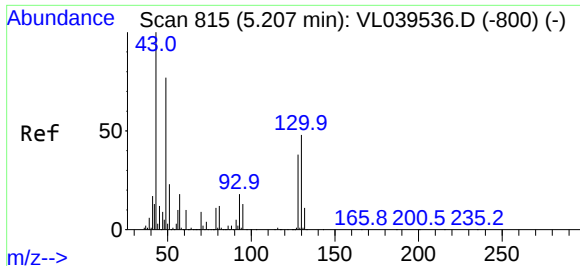
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
Data File : VL039576.D
Acq On : 19 Aug 2022 9:25
Operator : SY/AP
Sample : N3986-01DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
E061-1100DL

Quant Time: Aug 20 00:55:32 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration

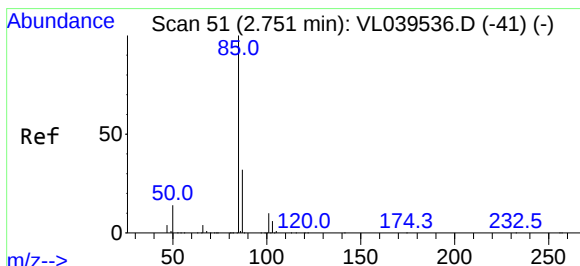
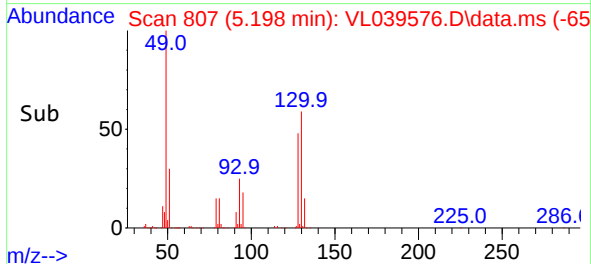
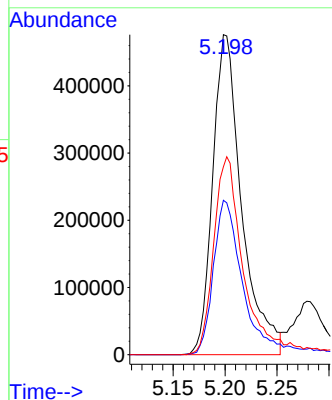
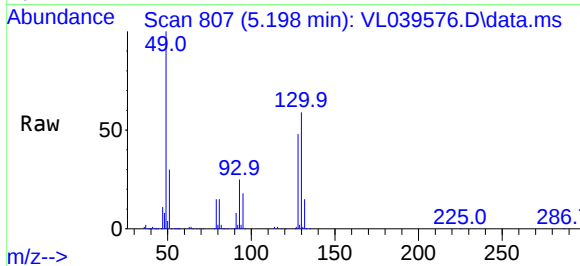




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.198 min Scan# 80
 Delta R.T. -0.009 min
 Lab File: VL039576.D
 Acq: 19 Aug 2022 9:25

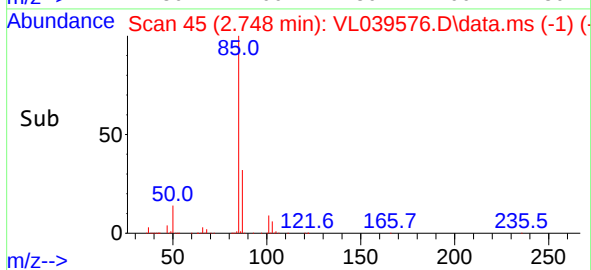
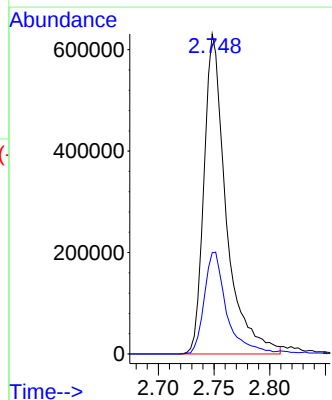
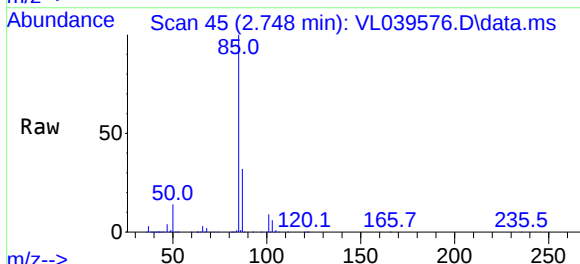
Instrument :
 MSVOA_L
 ClientSampleId :
 E061-1100DL

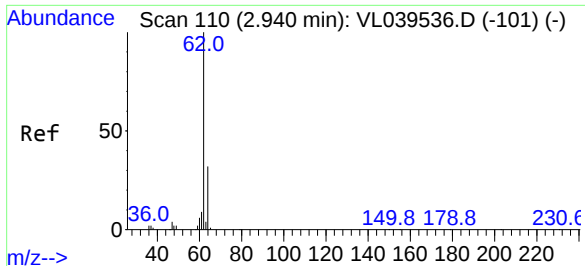
Tgt Ion: 49 Resp: 921751
 Ion Ratio Lower Upper
 49 100
 128 52.1 25.7 77.0
 130 66.2 31.6 95.0



#2
 Dichlorodifluoromethane
 Concen: 7.067 ppbv
 RT: 2.748 min Scan# 45
 Delta R.T. -0.002 min
 Lab File: VL039576.D
 Acq: 19 Aug 2022 9:25

Tgt Ion: 85 Resp: 875608
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.9 38.9

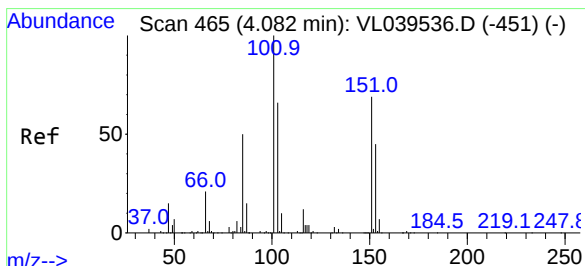
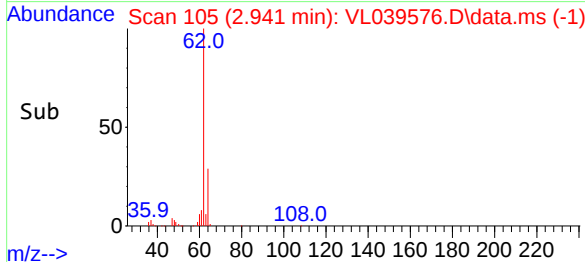
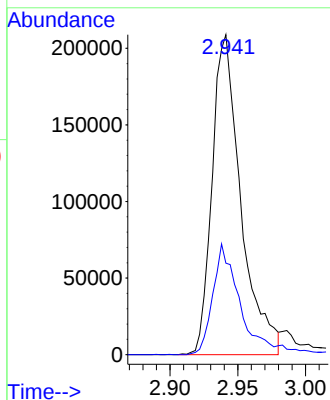
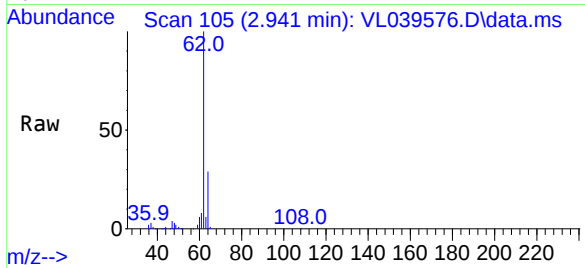




#5
 Vinyl Chloride
 Concen: 5.405 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.001 min
 Lab File: VL039576.D
 Acq: 19 Aug 2022 9:25

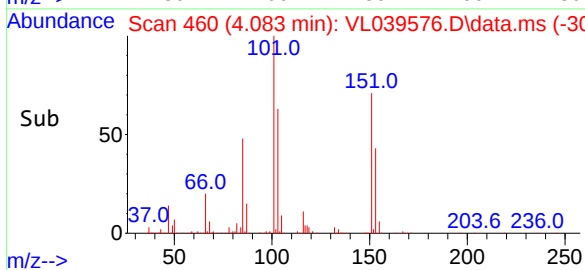
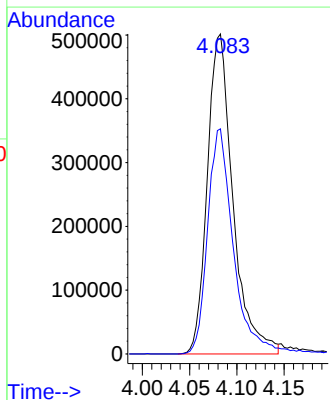
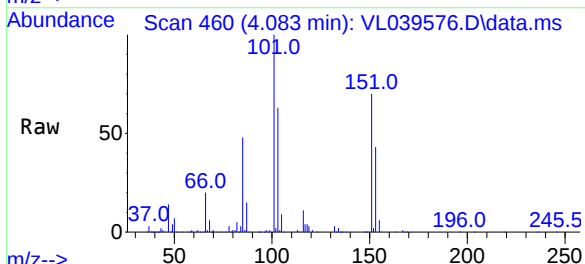
Instrument :
 MSVOA_L
 ClientSampleId :
 E061-1100DL

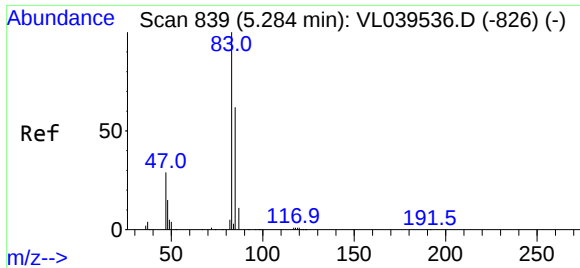
Tgt Ion: 62 Resp: 307893
 Ion Ratio Lower Upper
 62 100
 64 28.6 25.5 38.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.420 ppbv
 RT: 4.083 min Scan# 460
 Delta R.T. 0.001 min
 Lab File: VL039576.D
 Acq: 19 Aug 2022 9:25

Tgt Ion: 101 Resp: 946945
 Ion Ratio Lower Upper
 101 100
 151 71.8 58.6 87.8

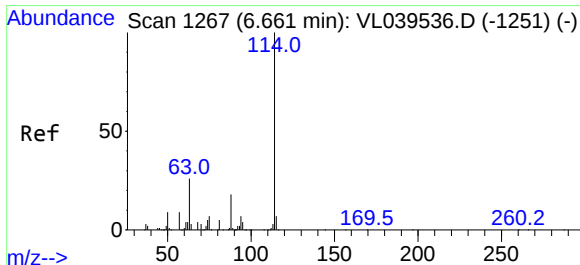
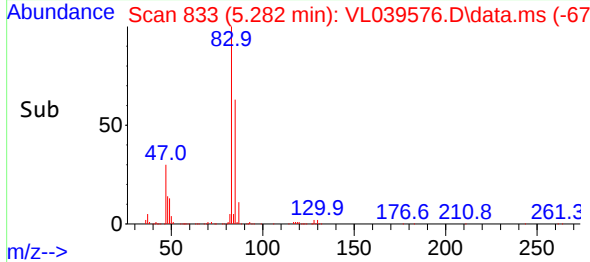
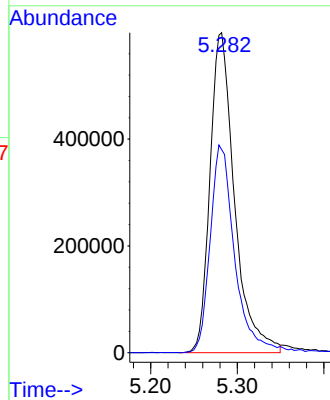
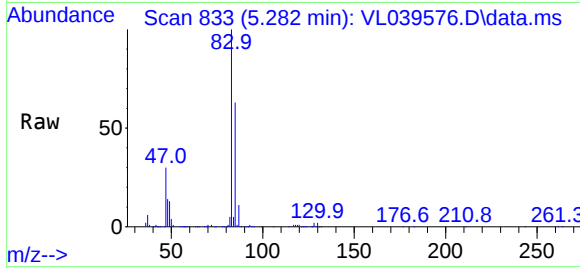




#29
Chloroform
Concen: 8.277 ppbv
RT: 5.282 min Scan# 81
Delta R.T. -0.002 min
Lab File: VL039576.D
Acq: 19 Aug 2022 9:25

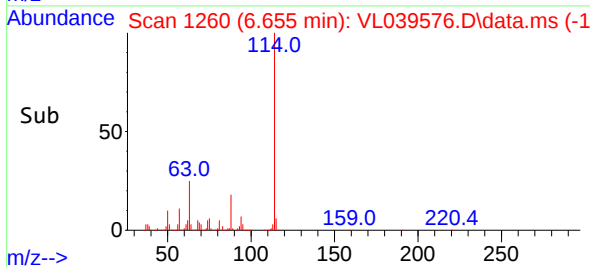
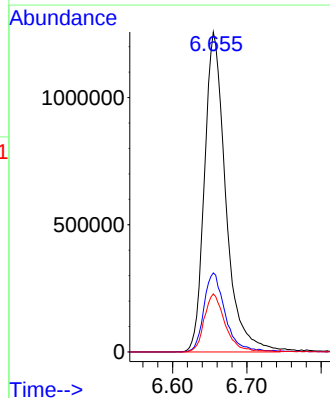
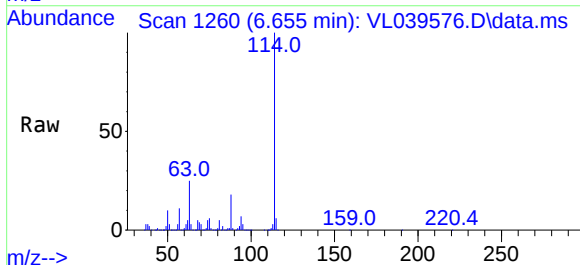
Instrument :
MSVOA_L
ClientSampleId :
E061-1100DL

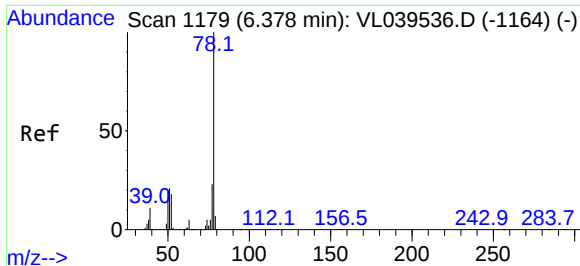
Tgt Ion: 83 Resp: 1179694
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VL039576.D
Acq: 19 Aug 2022 9:25

Tgt Ion: 114 Resp: 2501507
Ion Ratio Lower Upper
114 100
63 25.2 20.6 31.0
88 18.0 14.6 22.0

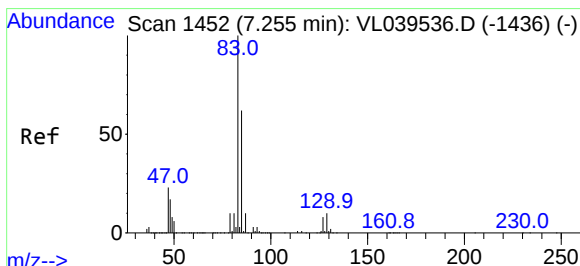
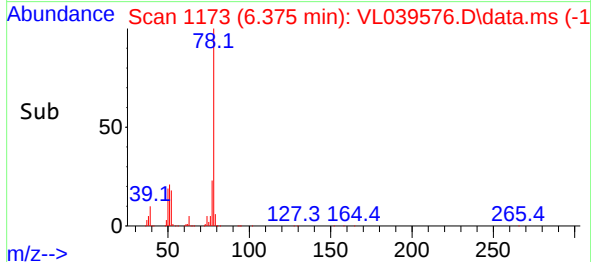
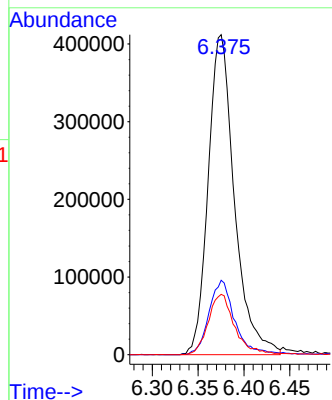
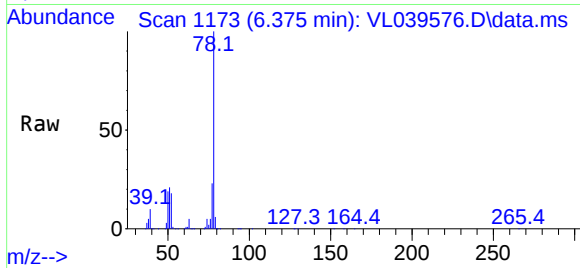




#36
Benzene
Concen: 4.301 ppbv
RT: 6.375 min Scan# 1179
Delta R.T. -0.002 min
Lab File: VL039576.D
Acq: 19 Aug 2022 9:25

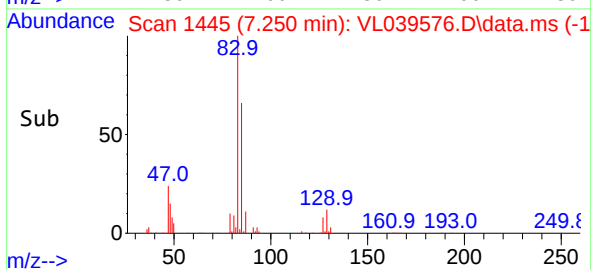
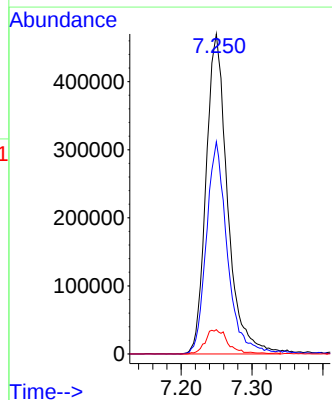
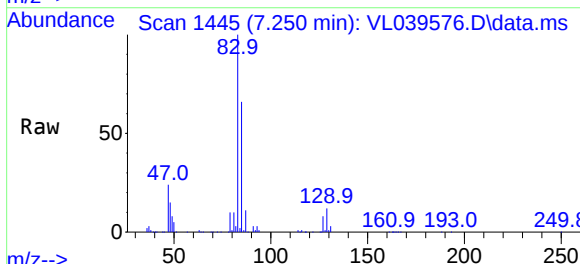
Instrument :
MSVOA_L
ClientSampleId :
E061-1100DL

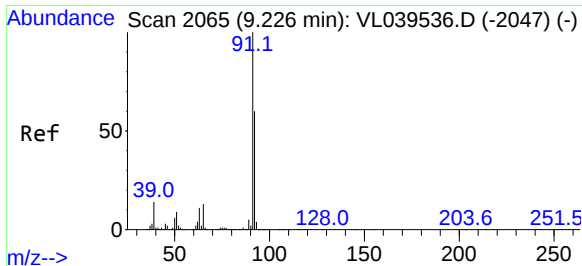
Tgt Ion: 78 Resp: 819985
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8
50 18.8 15.0 22.4



#42
Bromodichloromethane
Concen: 6.827 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.006 min
Lab File: VL039576.D
Acq: 19 Aug 2022 9:25

Tgt Ion: 83 Resp: 988258
Ion Ratio Lower Upper
83 100
85 66.3 49.9 74.9
127 7.6 6.7 10.1





#53

Toluene

Concen: 7.864 ppbv

RT: 9.221 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VL039576.D

Acq: 19 Aug 2022 9:25

Instrument :

MSVOA_L

ClientSampleId :

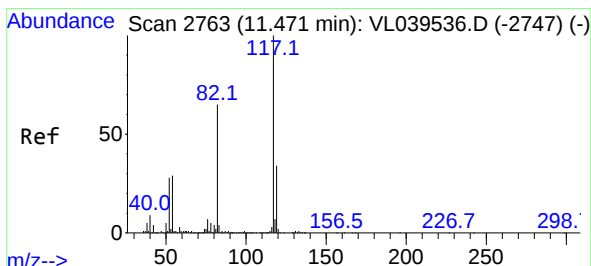
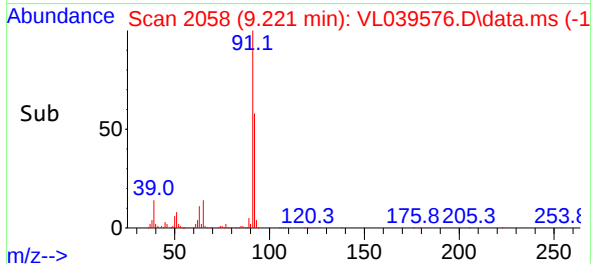
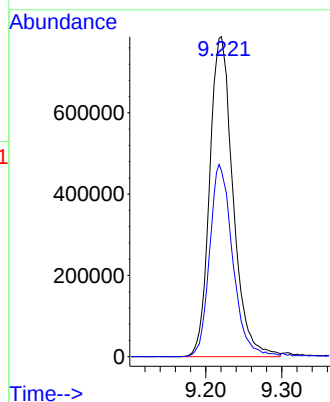
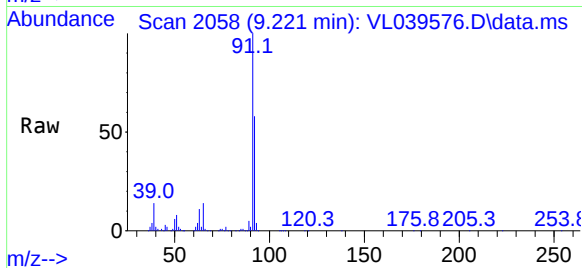
E061-1100DL

Tgt Ion: 91 Resp: 1679704

Ion Ratio Lower Upper

91 100

92 59.8 47.9 71.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.009 min

Lab File: VL039576.D

Acq: 19 Aug 2022 9:25

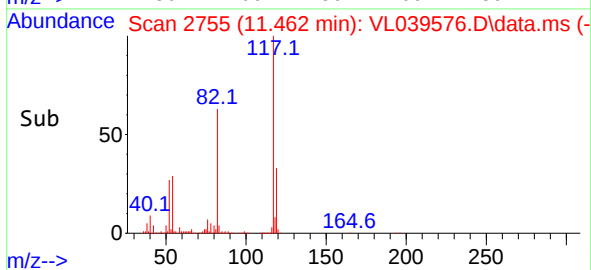
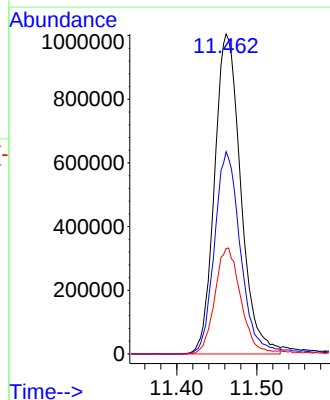
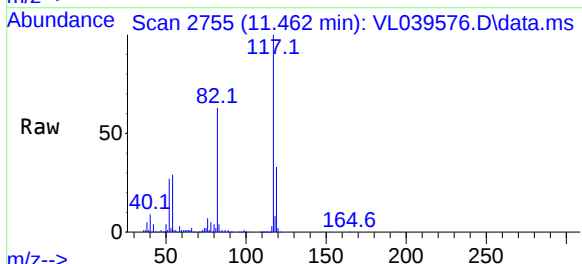
Tgt Ion: 117 Resp: 2287855

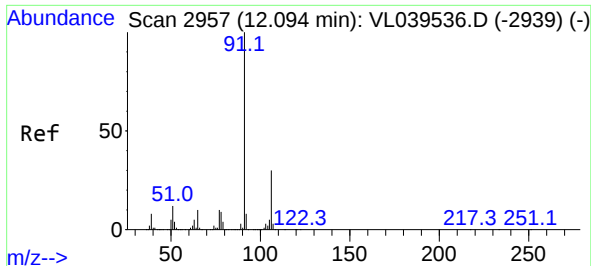
Ion Ratio Lower Upper

117 100

82 64.2 49.1 73.7

119 33.5 25.9 38.9

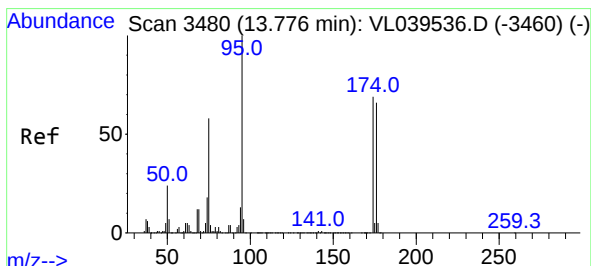
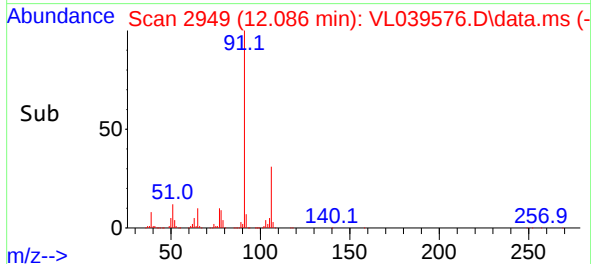
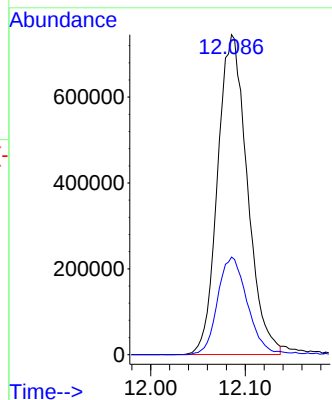
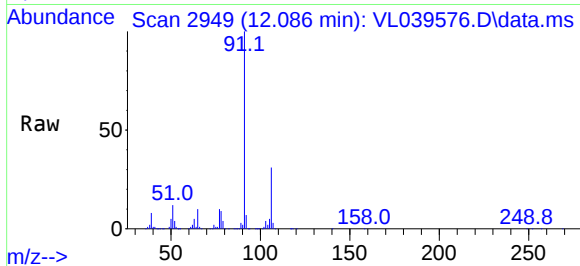




#58
Ethyl Benzene
Concen: 6.119 ppbv
RT: 12.086 min Scan# 2957
Delta R.T. -0.009 min
Lab File: VL039576.D
Acq: 19 Aug 2022 9:25

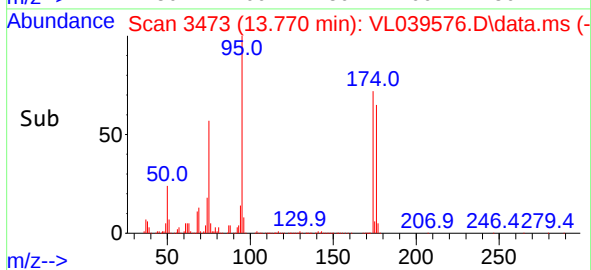
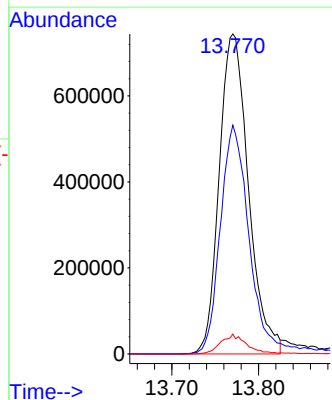
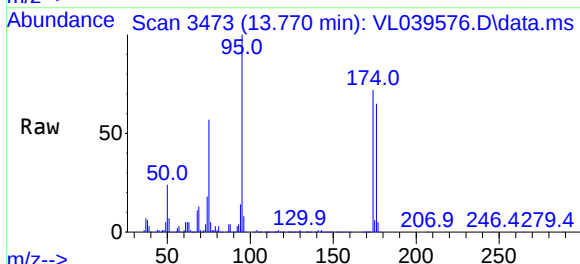
Instrument :
MSVOA_L
ClientSampleId :
E061-1100DL

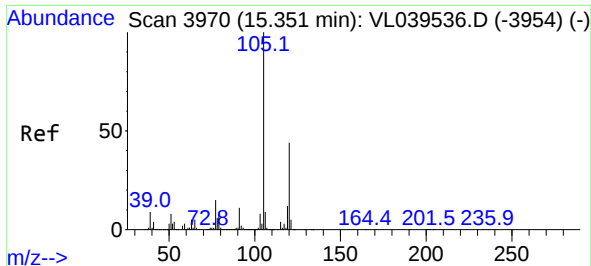
Tgt Ion: 91 Resp: 1621188
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
1-Bromo-4-Fluorobenzene
Concen: 10.127 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.006 min
Lab File: VL039576.D
Acq: 19 Aug 2022 9:25

Tgt Ion: 95 Resp: 1744253
Ion Ratio Lower Upper
95 100
174 73.2 56.3 84.5
175 5.7 4.3 6.5

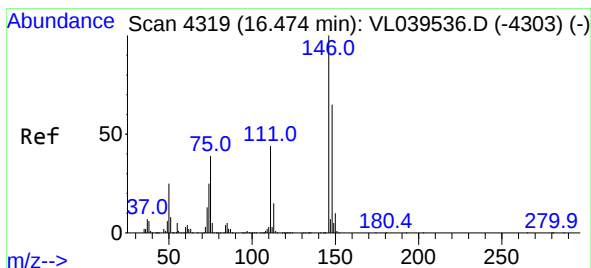
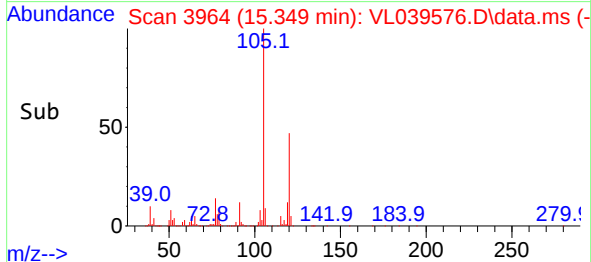
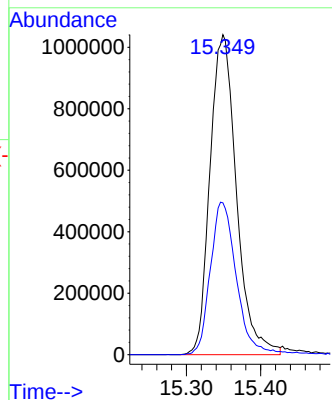
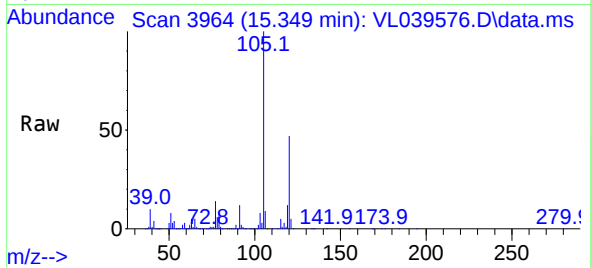




#73
 1,3,5-Trimethylbenzene
 Concen: 10.521 ppbv
 RT: 15.349 min Scan# 3970
 Delta R.T. -0.002 min
 Lab File: VL039576.D
 Acq: 19 Aug 2022 9:25

Instrument :
 MSVOA_L
 ClientSampleId :
 E061-1100DL

Tgt Ion:105 Resp: 2578219
 Ion Ratio Lower Upper
 105 100
 120 47.5 35.4 53.2



#76
 1,4-Dichlorobenzene
 Concen: 10.584 ppbv
 RT: 16.465 min Scan# 4311
 Delta R.T. -0.009 min
 Lab File: VL039576.D
 Acq: 19 Aug 2022 9:25

Tgt Ion:146 Resp: 1759285
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.3 66.8
 148 66.1 31.5 94.5

