

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039575.D
 Acq On : 19 Aug 2022 8:46
 Operator : SY/AP
 Sample : N3986-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E061-1100

Quant Time: Aug 20 00:55:05 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)

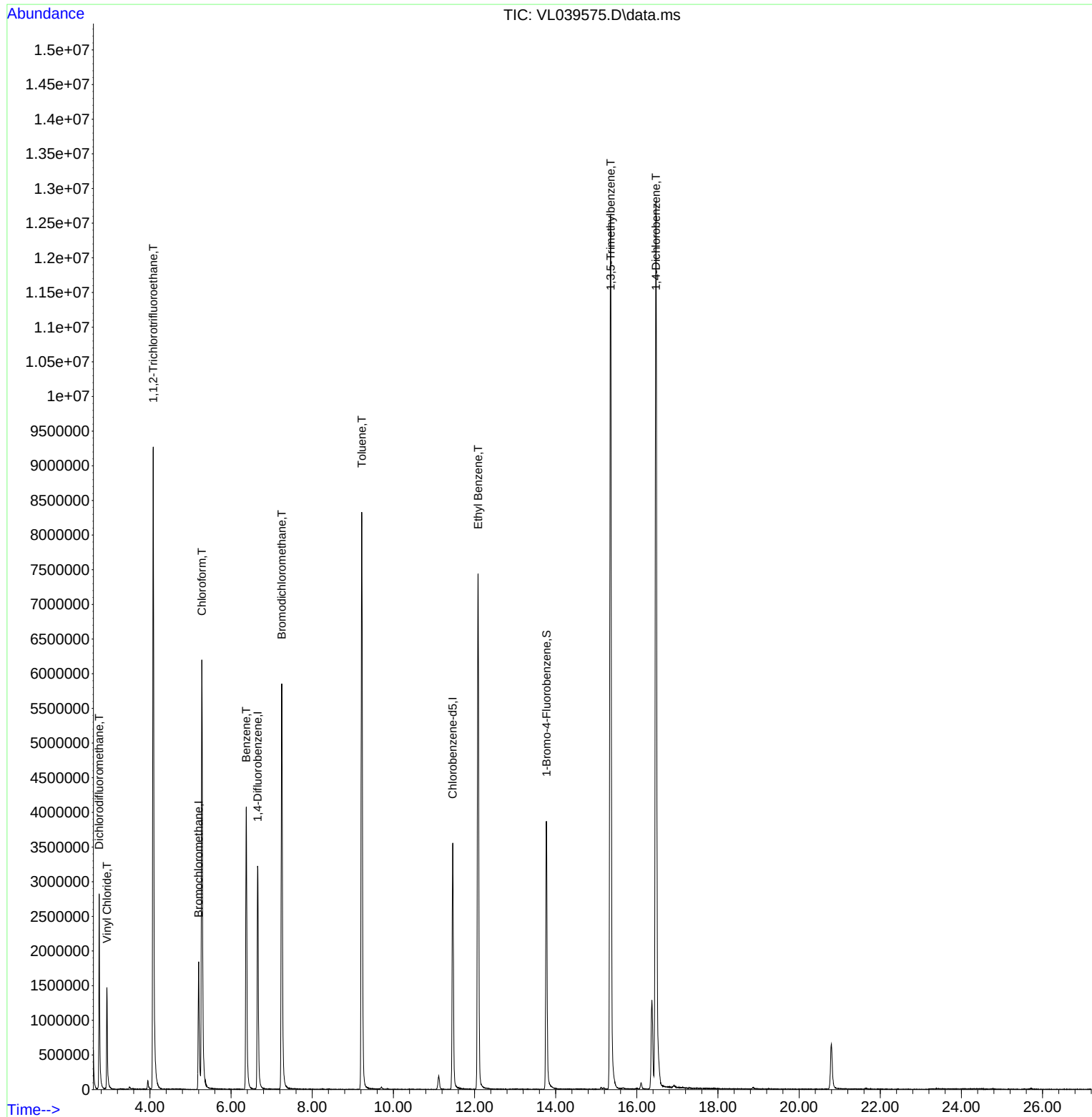
Internal Standards						
1) Bromochloromethane	5.201	49	902507	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.654	114	2489946	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2321265	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1853591	10.607	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 106.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.748	85	2216907	18.275	ppbv	99
5) Vinyl Chloride	2.941	62	1319786	23.664	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.082	101	3668488	37.270	ppbv	99
29) Chloroform	5.282	83	4658349	33.383	ppbv	94
36) Benzene	6.375	78	3527682	18.589	ppbv	98
42) Bromodichloromethane	7.249	83	4171644	28.954	ppbv	96
53) Toluene	9.220	91	6980247	32.830	ppbv	97
58) Ethyl Benzene	12.088	91	7002733	26.052	ppbv	97
73) 1,3,5-Trimethylbenzene	15.355	105	10304829	41.446	ppbv	89
76) 1,4-Dichlorobenzene	16.471	146	7379927	43.759	ppbv	97

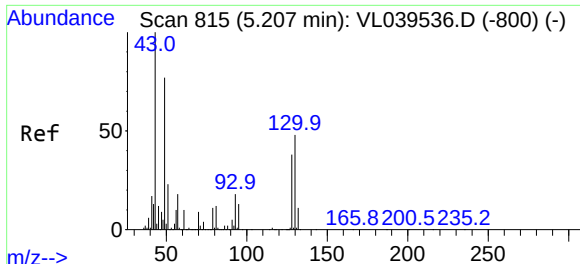
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
Data File : VL039575.D
Acq On : 19 Aug 2022 8:46
Operator : SY/AP
Sample : N3986-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
E061-1100

Quant Time: Aug 20 00:55:05 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

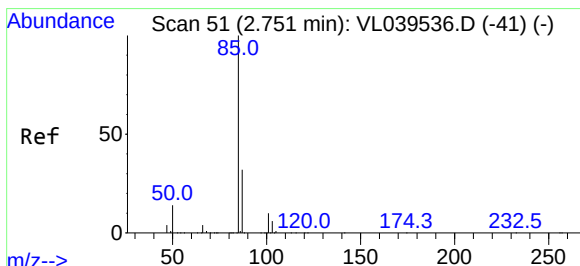
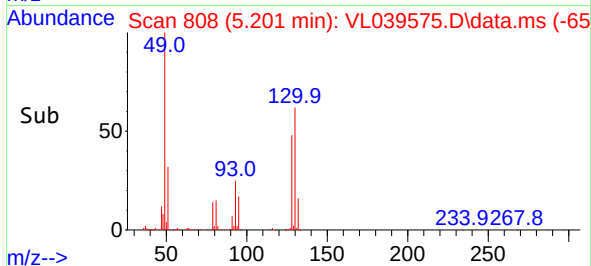
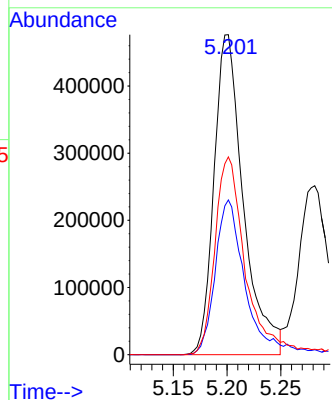
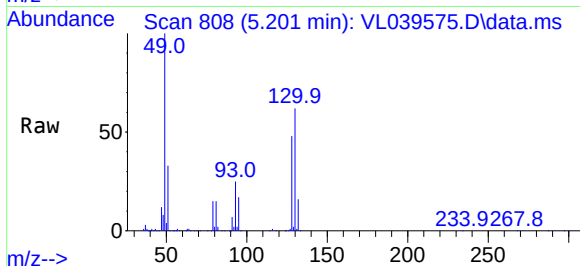




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.201 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VL039575.D
 Acq: 19 Aug 2022 8:46

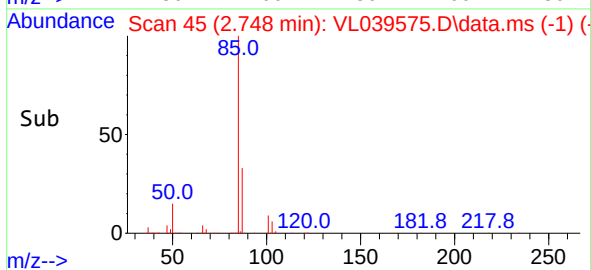
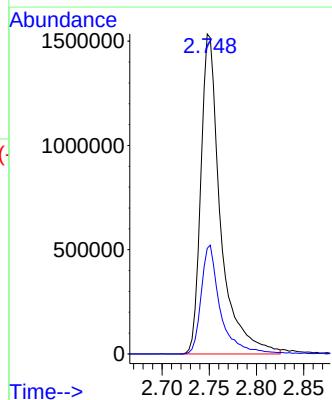
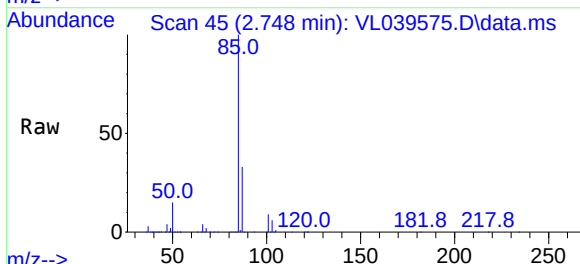
Instrument :
 MSVOA_L
 ClientSampleId :
 E061-1100

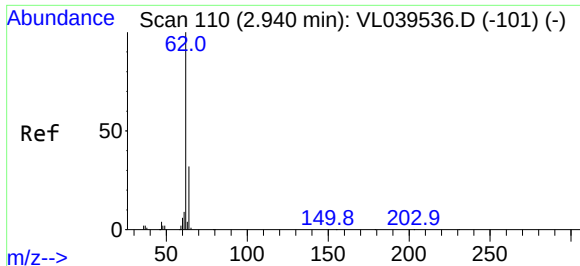
Tgt Ion: 49 Resp: 902507
 Ion Ratio Lower Upper
 49 100
 128 51.5 25.7 77.0
 130 66.6 31.6 95.0



#2
 Dichlorodifluoromethane
 Concen: 18.275 ppbv
 RT: 2.748 min Scan# 45
 Delta R.T. -0.003 min
 Lab File: VL039575.D
 Acq: 19 Aug 2022 8:46

Tgt Ion: 85 Resp: 2216907
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.9 38.9



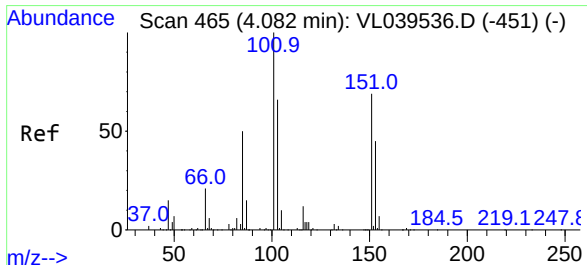
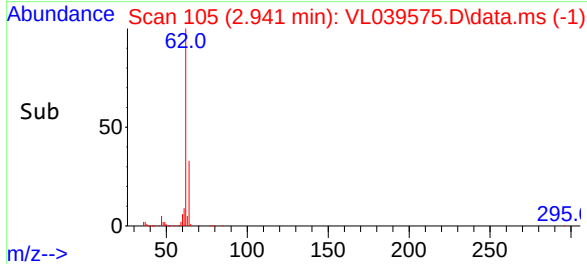
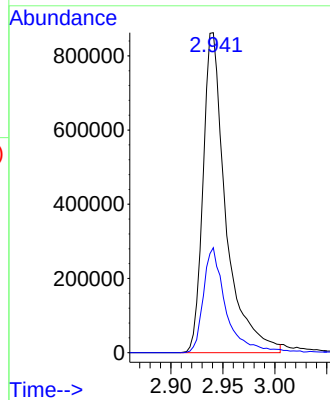
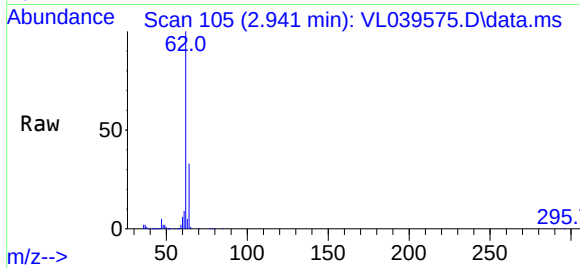


#5
 Vinyl Chloride
 Concen: 23.664 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.000 min
 Lab File: VL039575.D
 Acq: 19 Aug 2022 8:46

Instrument : MSVOA_L
 ClientSampleId : E061-1100

Tgt Ion: 62 Resp: 1319786

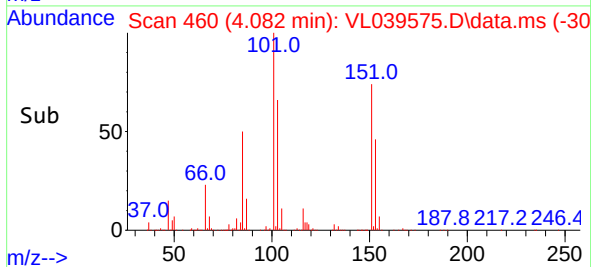
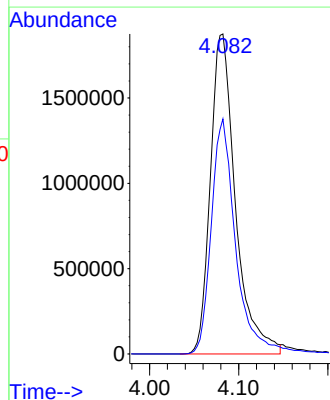
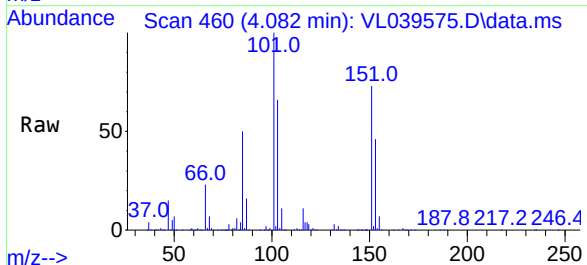
Ion	Ratio	Lower	Upper
62	100		
64	32.8	25.5	38.3

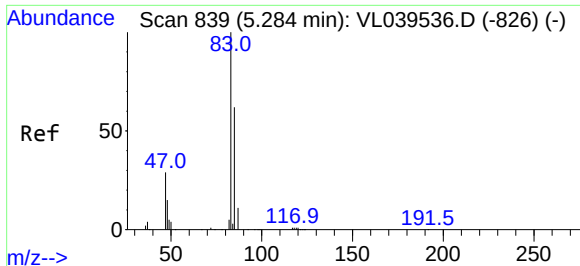


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 37.270 ppbv
 RT: 4.082 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: VL039575.D
 Acq: 19 Aug 2022 8:46

Tgt Ion: 101 Resp: 3668488

Ion	Ratio	Lower	Upper
101	100		
151	72.6	58.6	87.8





#29

Chloroform

Concen: 33.383 ppbv

RT: 5.282 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039575.D

Acq: 19 Aug 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

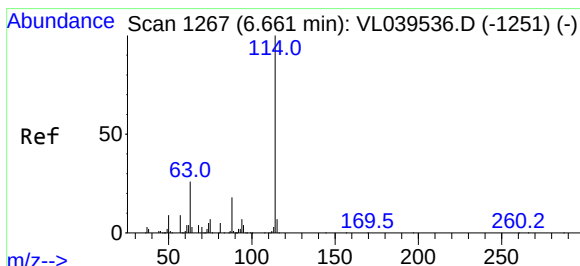
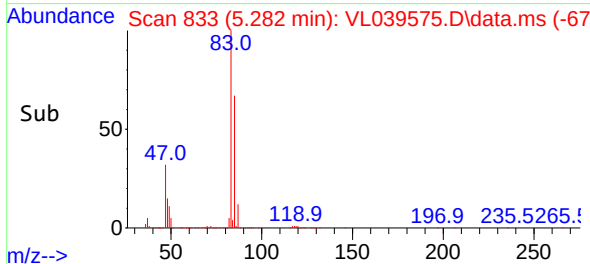
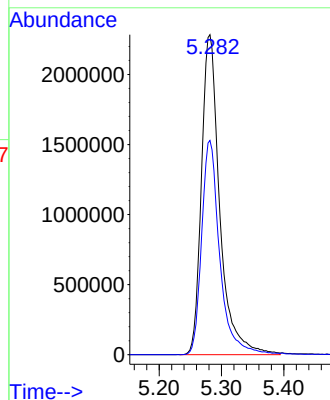
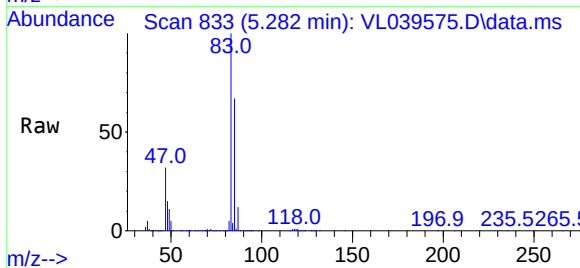
E061-1100

Tgt Ion: 83 Resp: 4658349

Ion Ratio Lower Upper

83 100

85 66.9 49.8 74.8



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.654 min Scan# 1260

Delta R.T. -0.006 min

Lab File: VL039575.D

Acq: 19 Aug 2022 8:46

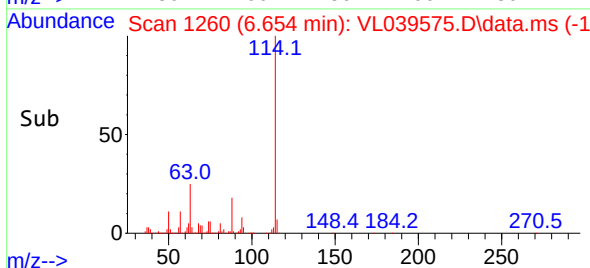
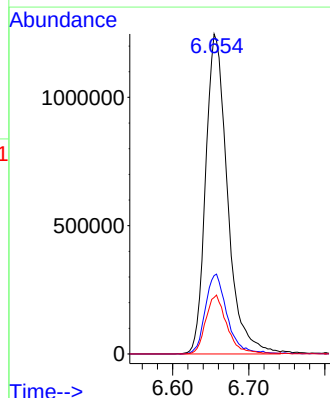
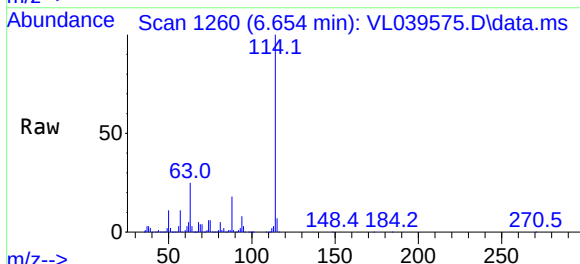
Tgt Ion: 114 Resp: 2489946

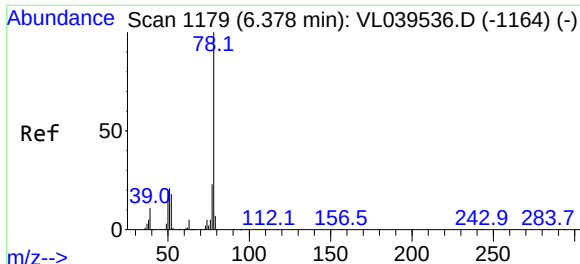
Ion Ratio Lower Upper

114 100

63 25.2 20.6 31.0

88 18.1 14.6 22.0



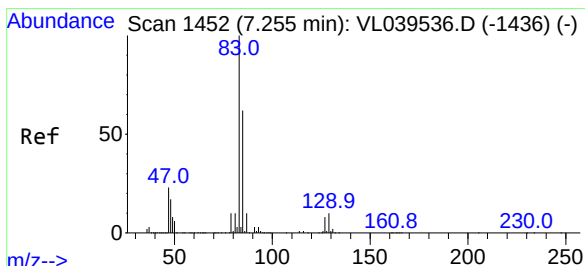
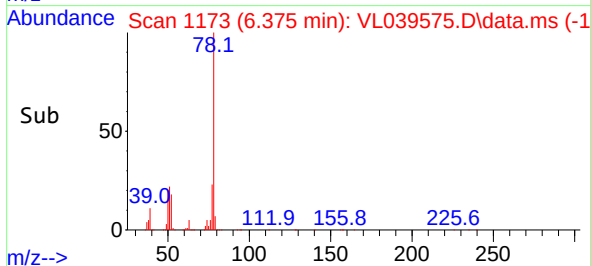
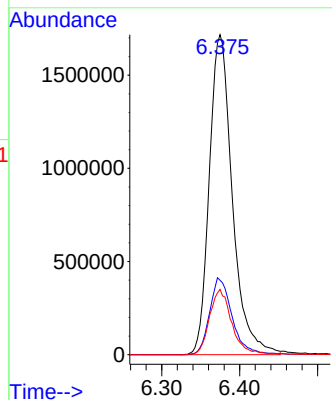
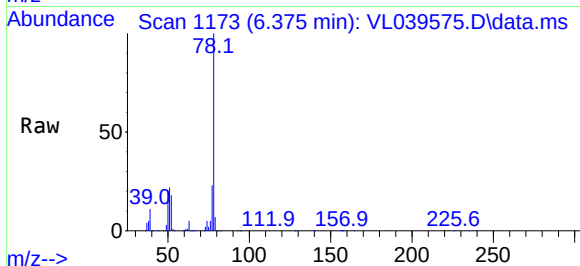


#36
Benzene
Concen: 18.589 ppbv
RT: 6.375 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VL039575.D
Acq: 19 Aug 2022 8:46

Instrument :
MSVOA_L
ClientSampleId :
E061-1100

Tgt Ion: 78 Resp: 3527682

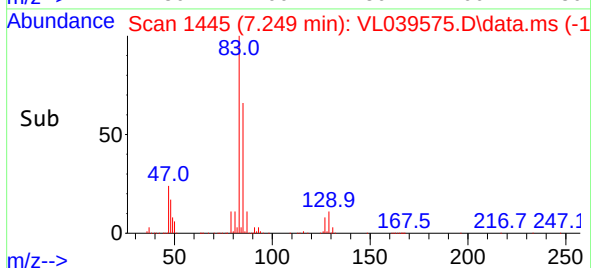
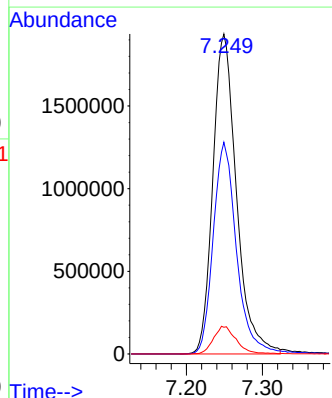
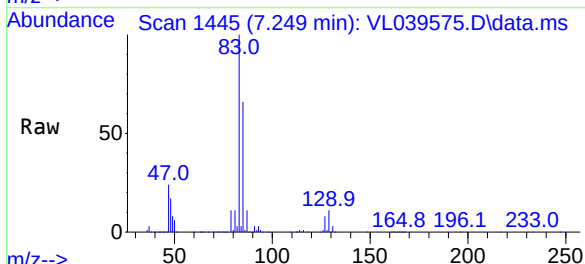
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8
50	20.4	15.0	22.4

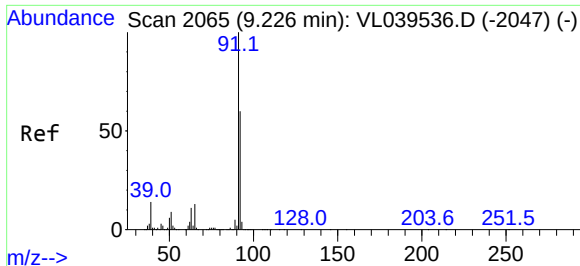


#42
Bromodichloromethane
Concen: 28.954 ppbv
RT: 7.249 min Scan# 1445
Delta R.T. -0.006 min
Lab File: VL039575.D
Acq: 19 Aug 2022 8:46

Tgt Ion: 83 Resp: 4171644

Ion	Ratio	Lower	Upper
83	100		
85	66.2	49.9	74.9
127	8.4	6.7	10.1

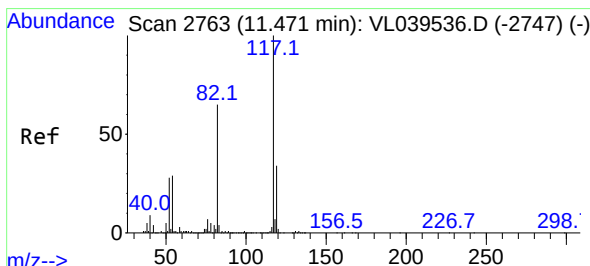
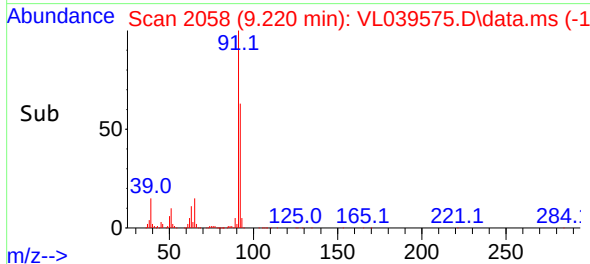
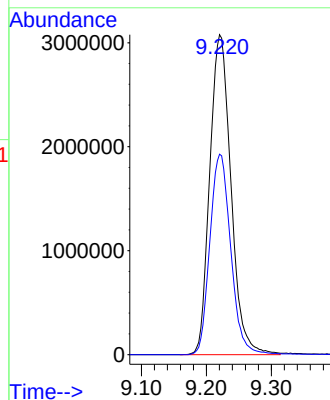
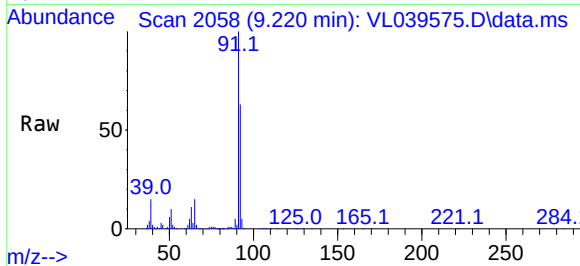




#53
Toluene
Concen: 32.830 ppbv
RT: 9.220 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VL039575.D
Acq: 19 Aug 2022 8:46

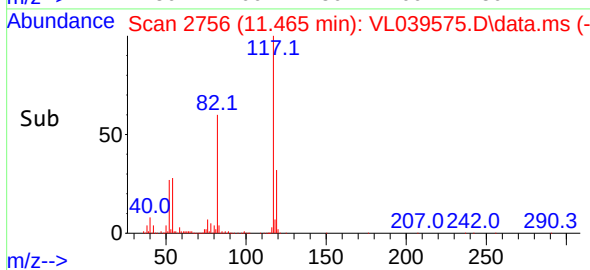
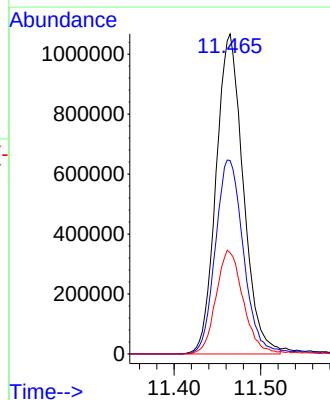
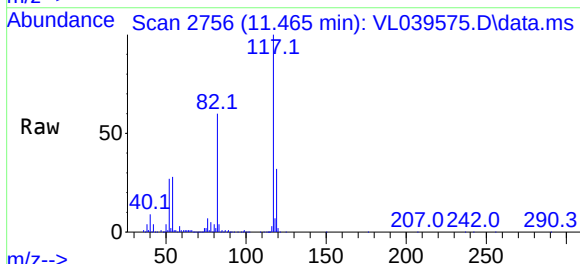
Instrument :
MSVOA_1
ClientSampleId :
E061-1100

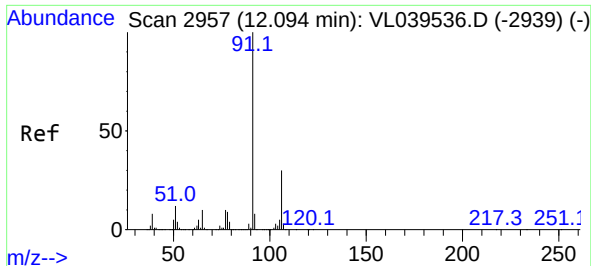
Tgt Ion: 91 Resp: 6980247
Ion Ratio Lower Upper
91 100
92 62.0 47.9 71.9



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.006 min
Lab File: VL039575.D
Acq: 19 Aug 2022 8:46

Tgt Ion: 117 Resp: 2321265
Ion Ratio Lower Upper
117 100
82 63.7 49.1 73.7
119 32.9 25.9 38.9

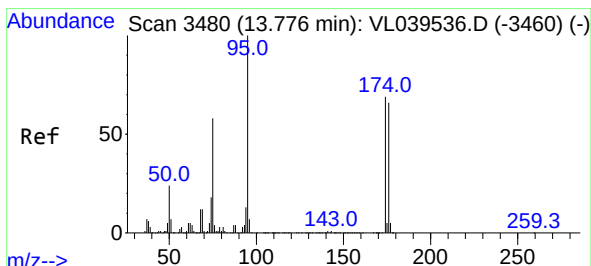
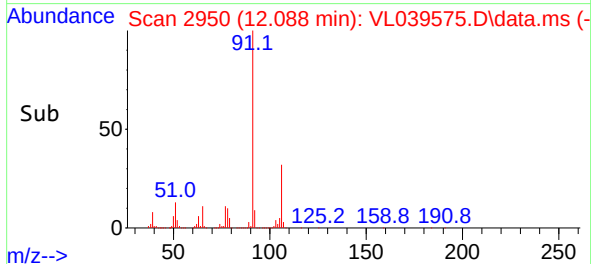
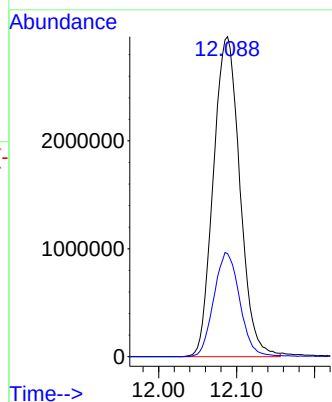
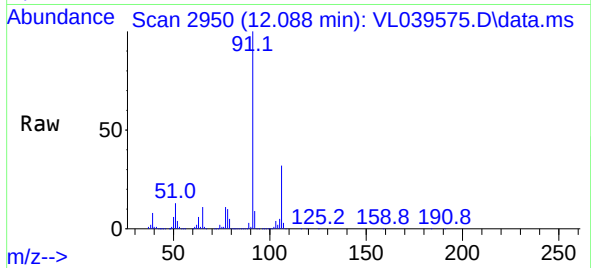




#58
Ethyl Benzene
Concen: 26.052 ppbv
RT: 12.088 min Scan# 2950
Delta R.T. -0.006 min
Lab File: VL039575.D
Acq: 19 Aug 2022 8:46

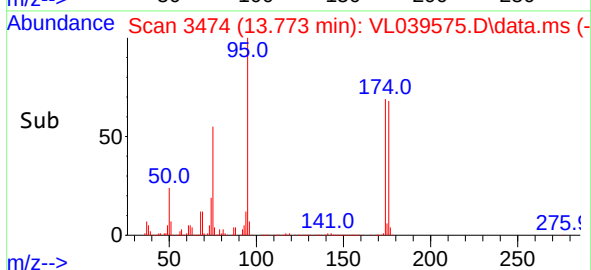
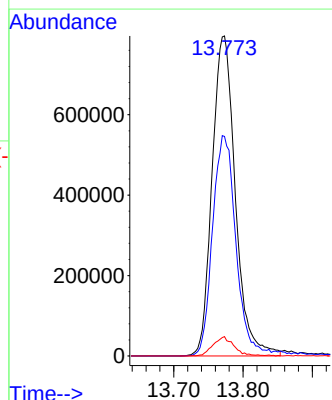
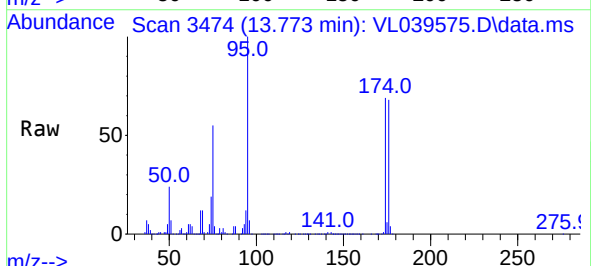
Instrument :
MSVOA_1
ClientSampleId :
E061-1100

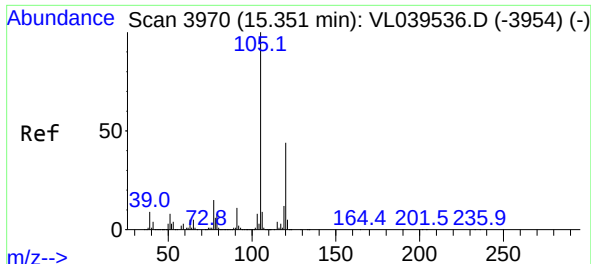
Tgt Ion: 91 Resp: 7002733
Ion Ratio Lower Upper
91 100
106 32.2 24.2 36.4



#68
1-Bromo-4-Fluorobenzene
Concen: 10.607 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.003 min
Lab File: VL039575.D
Acq: 19 Aug 2022 8:46

Tgt Ion: 95 Resp: 1853591
Ion Ratio Lower Upper
95 100
174 71.1 56.3 84.5
175 5.5 4.3 6.5

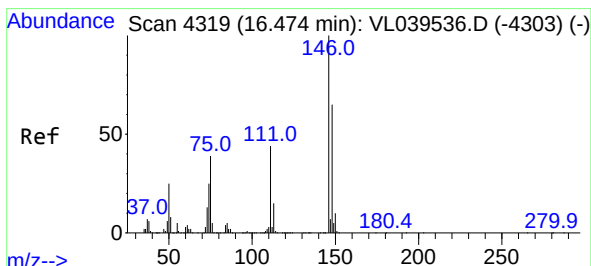
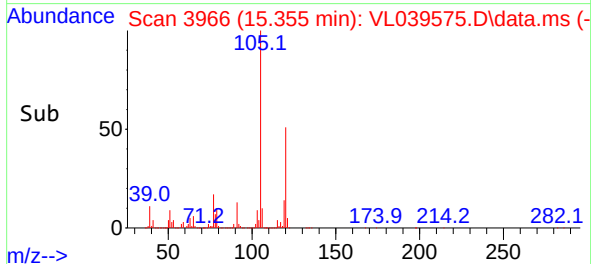
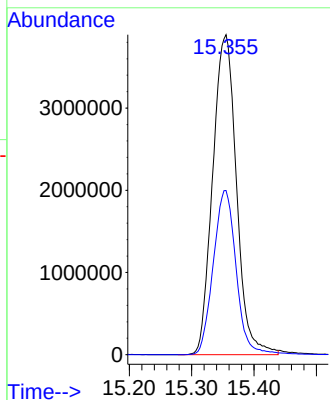
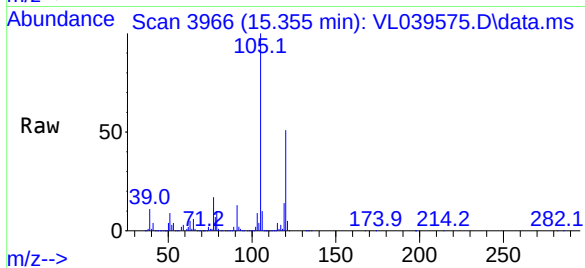




#73
 1,3,5-Trimethylbenzene
 Concen: 41.446 ppbv
 RT: 15.355 min Scan# 3970
 Delta R.T. 0.004 min
 Lab File: VL039575.D
 Acq: 19 Aug 2022 8:46

Instrument :
 MSVOA_L
 ClientSampleId :
 E061-1100

Tgt Ion:105 Resp:10304829
 Ion Ratio Lower Upper
 105 100
 120 51.3 35.4 53.2



#76
 1,4-Dichlorobenzene
 Concen: 43.759 ppbv
 RT: 16.471 min Scan# 4313
 Delta R.T. -0.003 min
 Lab File: VL039575.D
 Acq: 19 Aug 2022 8:46

Tgt Ion:146 Resp: 7379927
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.3 66.8
 148 65.8 31.5 94.5

