

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036024.D
 Acq On : 06 Jun 2023 11:21
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK627

Quant Time: Jun 07 05:32:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:26:18 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	311985	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	287764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	138449	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	118382	55.849	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 111.700%		
7) Chloroethane-d5	1.673	69	91970	56.575	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 113.140%		
11) 1,1-Dichloroethene-d2	2.307	65	59849	55.688	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 111.380%		
21) 2-Butanone-d5	4.471	46	185484	106.758	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 106.760%		
24) Chloroform-d	5.056	84	225600	51.040	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 102.080%		
26) 1,2-Dichloroethane-d4	5.952	65	169624	52.592	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 105.180%		
32) Benzene-d6	5.971	84	455581	52.628	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 105.260%		
36) 1,2-Dichloropropane-d6	7.306	67	143314	53.263	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 106.520%		
41) Toluene-d8	8.647	98	420032	52.718	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 105.440%		
43) trans-1,3-Dichloroprop...	8.946	79	64882	50.234	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 100.460%		
47) 2-Hexanone-d5	9.385	63	130547	108.960	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 108.960%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	188280	51.230	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 102.460%		
66) 1,2-Dichlorobenzene-d4	12.317	152	147565	54.898	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 109.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2239	0.863	ug/L #	11
12) 1,1-Dichloroethene	2.319	96	3006	1.450	ug/L #	1
14) Carbon disulfide	2.514	76	11040	1.940	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	2128	0.958	ug/L	98
25) Chloroform	5.093	83	9254	1.921	ug/L	86
44) trans-1,3-Dichloropropene	8.946	75	3747	1.018	ug/L	100
52) Ethylbenzene	10.195	91	6002	0.523	ug/L	99
53) m,p-Xylene	10.299	106	2453	0.563	ug/L	72
55) Styrene	10.659	104	4052	0.560	ug/L	80
63) 1,2,4-Trimethylbenzene	11.750	105	4686	0.574	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	3933	0.857	ug/L	81
65) 1,4-Dichlorobenzene	12.037	146	4775	1.017	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	3622	0.808	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.110	180	3830	1.363	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	4792	1.867	ug/L	99
71) Naphthalene	13.774	128	14274	1.691	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	4924	1.930	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
Data File : VX036024.D
Acq On : 06 Jun 2023 11:21
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK627

Quant Time: Jun 07 05:32:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 07 05:26:18 2023
Response via : Initial Calibration

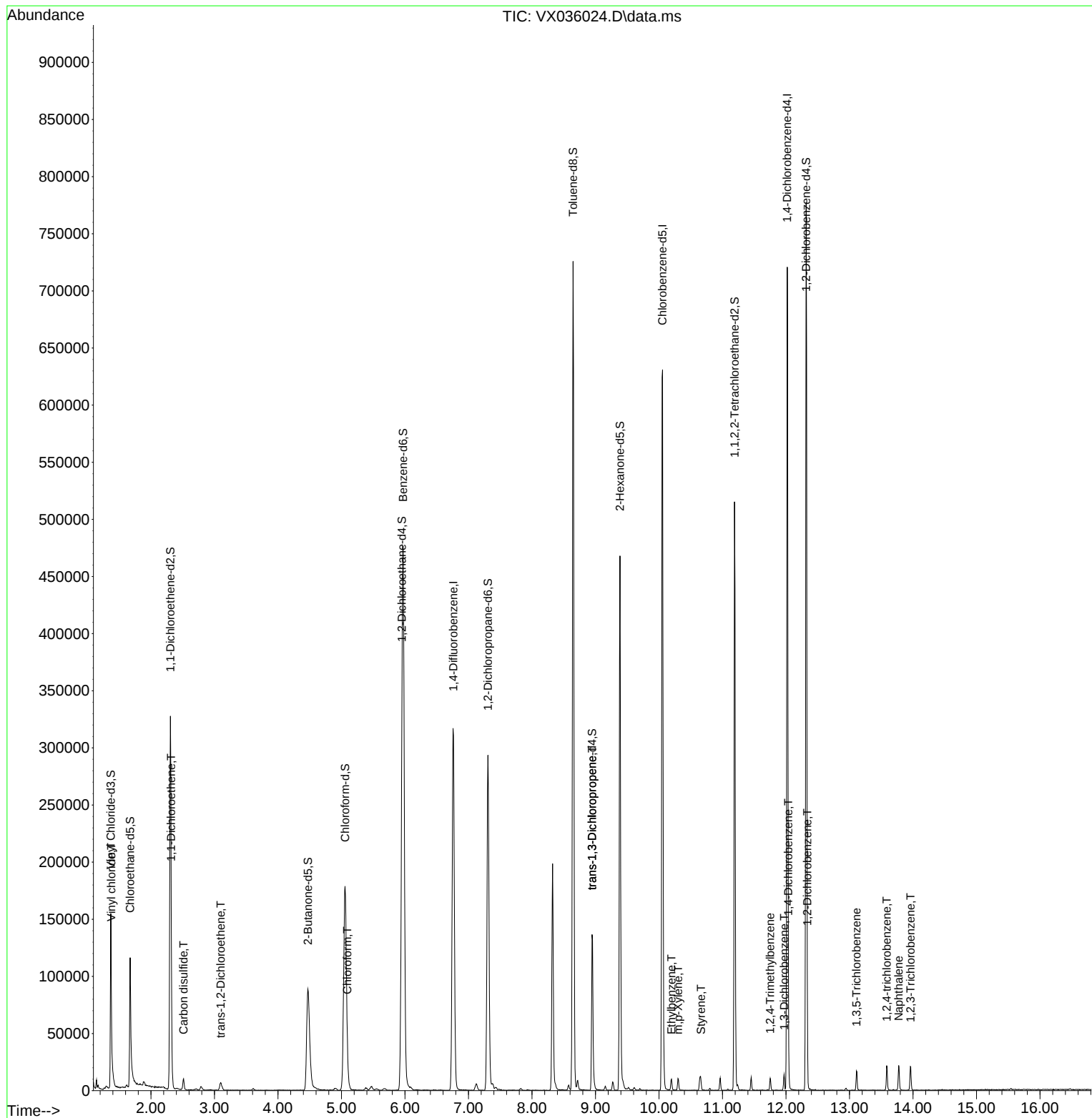
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

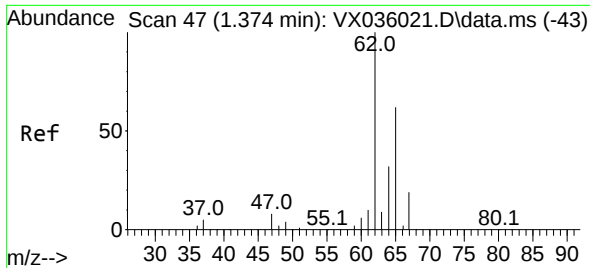
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
Data File : VX036024.D
Acq On : 06 Jun 2023 11:21
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK627

Quant Time: Jun 07 05:32:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 07 05:26:18 2023
Response via : Initial Calibration

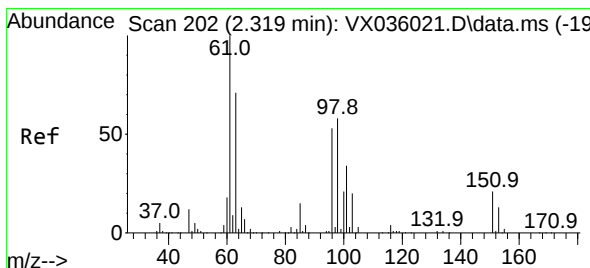
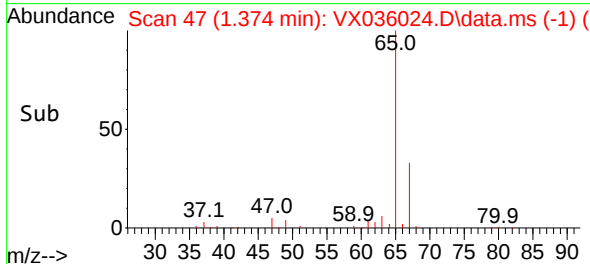
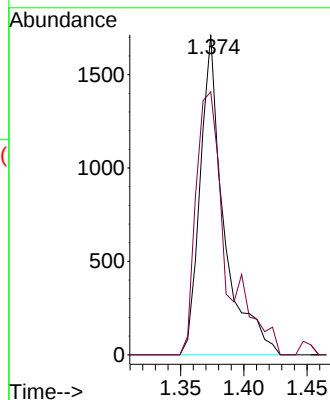
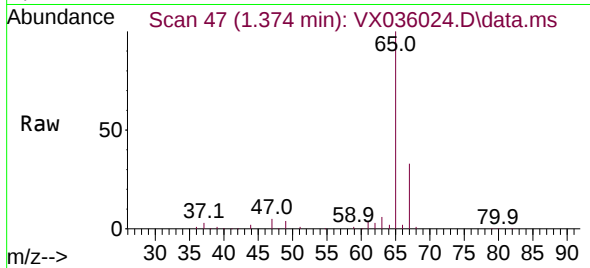




#5
 Vinyl chloride
 Concen: 0.863 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036024.D
 Acq: 06 Jun 2023 11:21

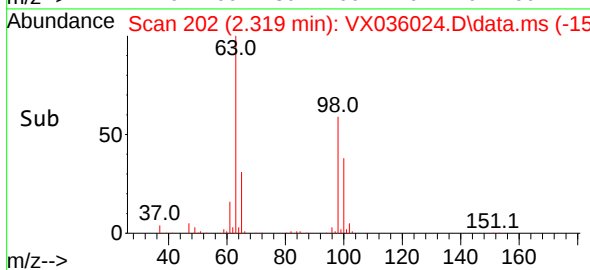
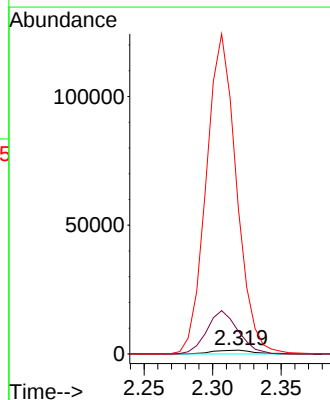
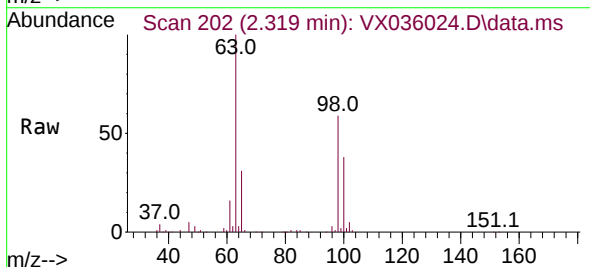
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK627

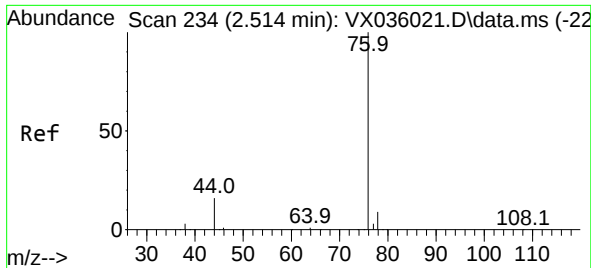
Tgt Ion: 62 Resp: 2239
 Ion Ratio Lower Upper
 62 100
 64 82.1 22.7 42.1#



#12
 1,1-Dichloroethene
 Concen: 1.450 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036024.D
 Acq: 06 Jun 2023 11:21

Tgt Ion: 96 Resp: 3006
 Ion Ratio Lower Upper
 96 100
 61 580.0 132.5 246.1#
 63 3719.6 95.1 176.7#

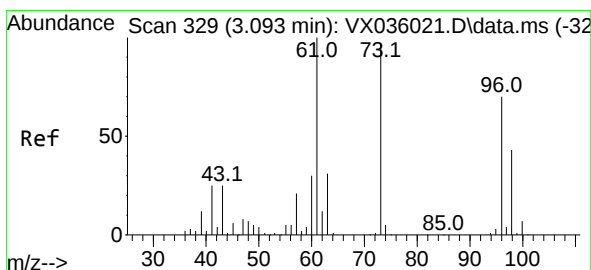
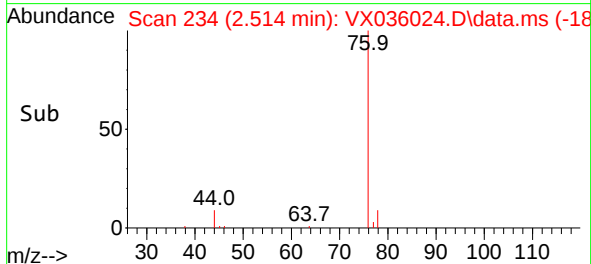
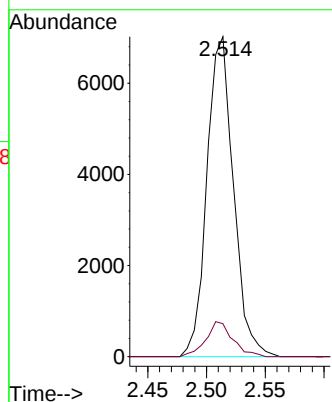
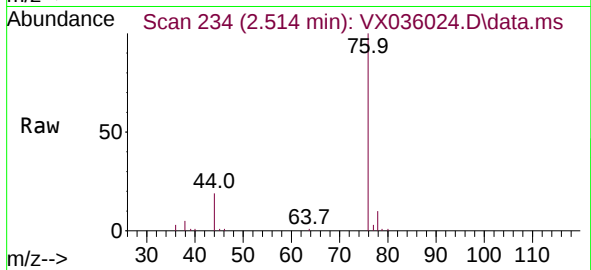




#14
Carbon disulfide
Concen: 1.940 ug/L
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036024.D
Acq: 06 Jun 2023 11:21

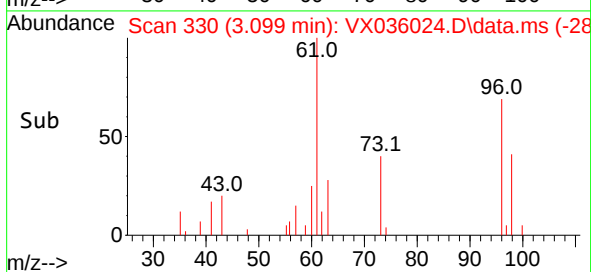
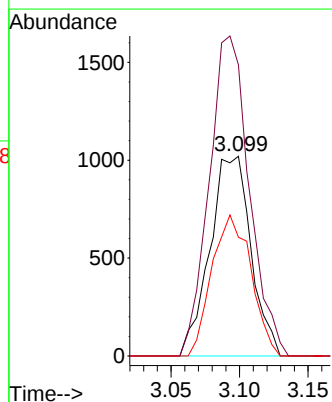
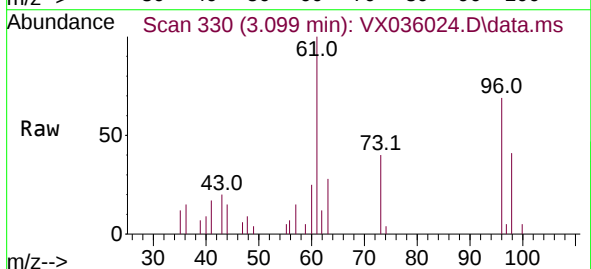
Instrument :
MSVOA_X
ClientSampleId :
VIBLK627

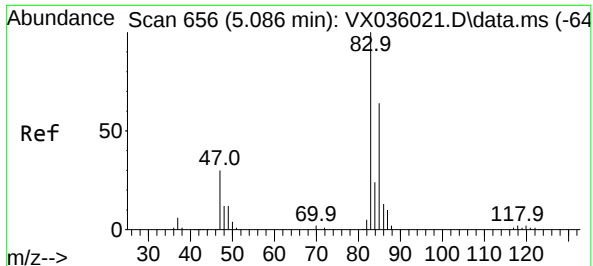
Tgt Ion: 76 Resp: 11040
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



#17
trans-1,2-Dichloroethene
Concen: 0.958 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX036024.D
Acq: 06 Jun 2023 11:21

Tgt Ion: 96 Resp: 2128
Ion Ratio Lower Upper
96 100
61 145.8 100.7 187.1
98 59.5 43.4 80.6

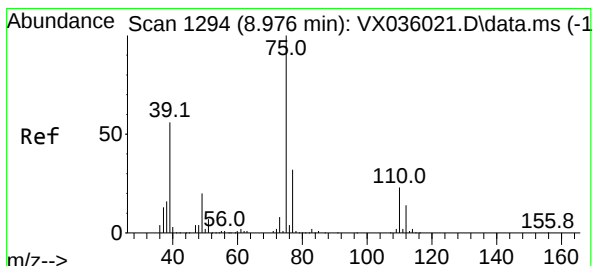
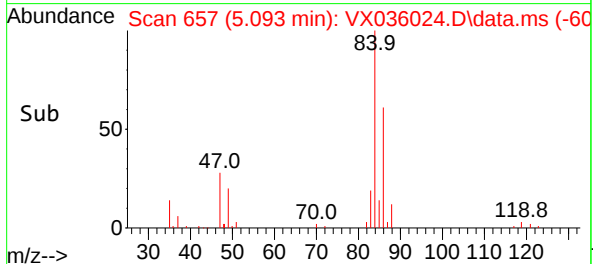
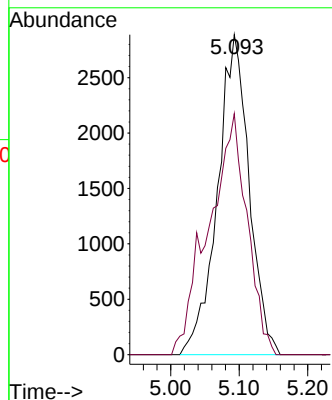
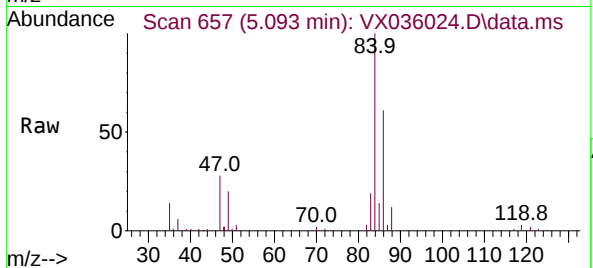




#25
Chloroform
Concen: 1.921 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036024.D
Acq: 06 Jun 2023 11:21

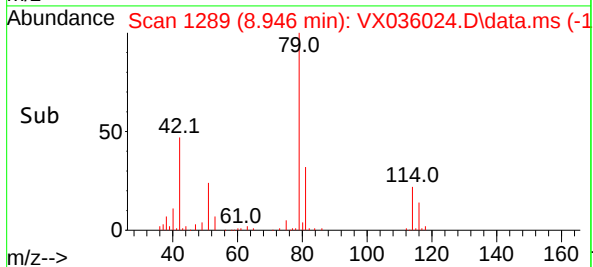
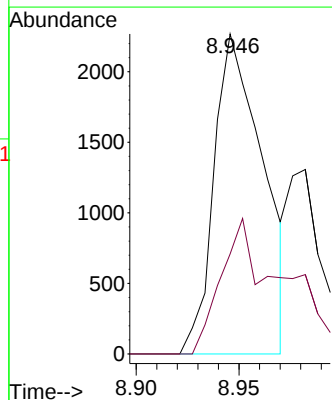
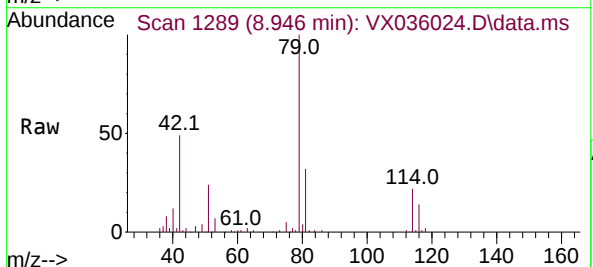
Instrument :
MSVOA_X
ClientSampleId :
VIBLK627

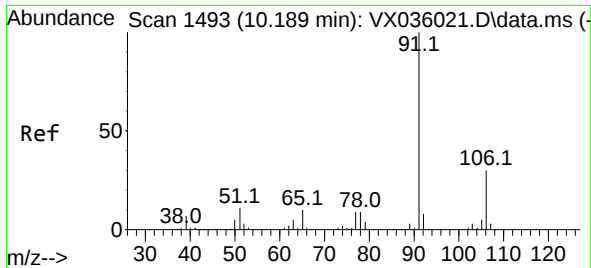
Tgt Ion: 83 Resp: 9254
Ion Ratio Lower Upper
83 100
85 75.3 45.0 83.6



#44
trans-1,3-Dichloropropene
Concen: 1.018 ug/L
RT: 8.946 min Scan# 1289
Delta R.T. -0.030 min
Lab File: VX036024.D
Acq: 06 Jun 2023 11:21

Tgt Ion: 75 Resp: 3747
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0

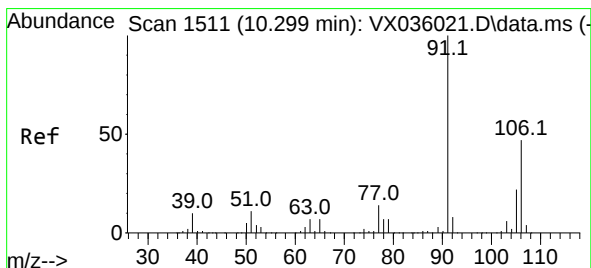
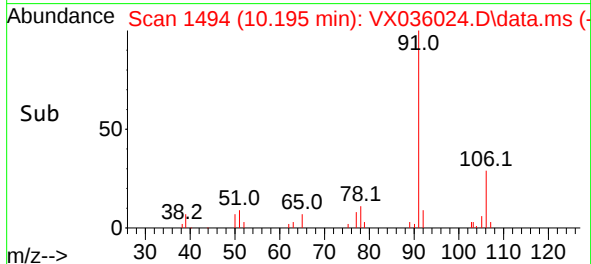
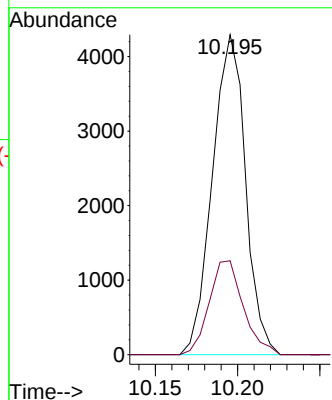
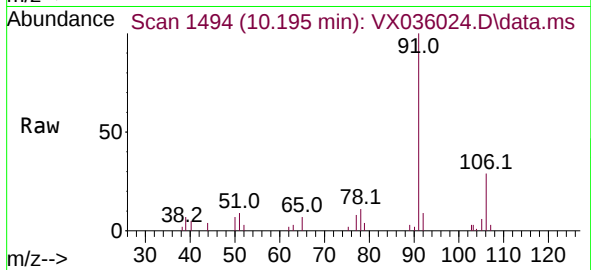




#52
Ethylbenzene
Concen: 0.523 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX036024.D
Acq: 06 Jun 2023 11:21

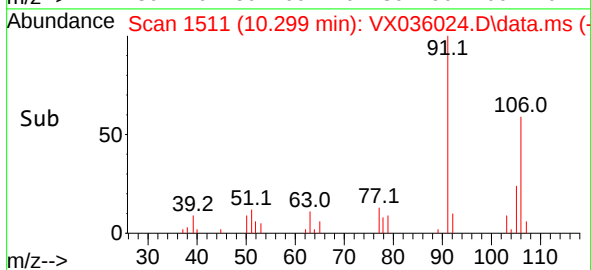
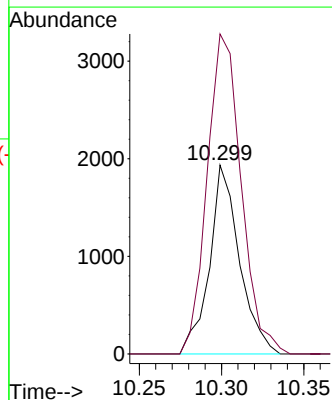
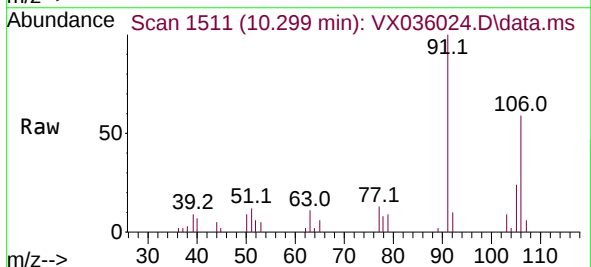
Instrument :
MSVOA_X
ClientSampleId :
VIBLK627

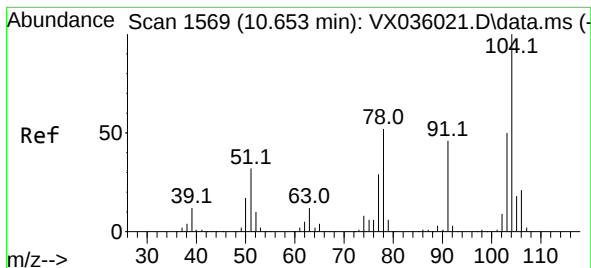
Tgt Ion: 91 Resp: 6002
Ion Ratio Lower Upper
91 100
106 29.3 20.8 38.6



#53
m,p-Xylene
Concen: 0.563 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036024.D
Acq: 06 Jun 2023 11:21

Tgt Ion: 106 Resp: 2453
Ion Ratio Lower Upper
106 100
91 169.5 149.8 278.2





#55

Styrene

Concen: 0.560 ug/L

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036024.D

Acq: 06 Jun 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

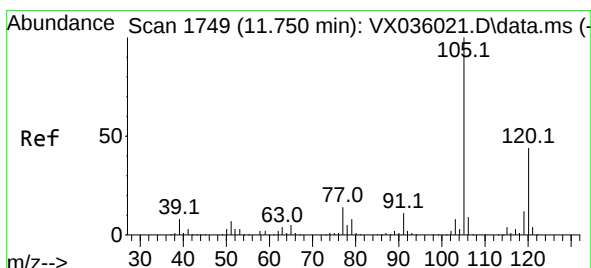
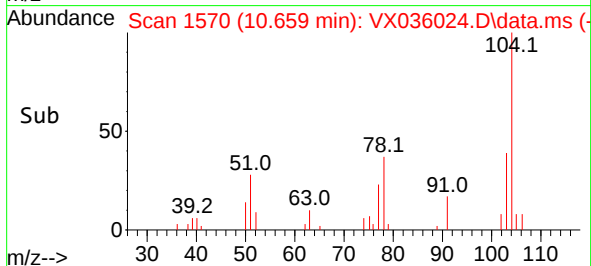
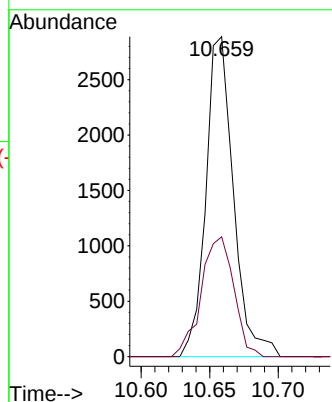
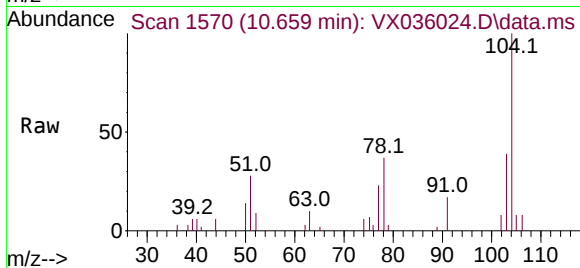
VIBLK627

Tgt Ion:104 Resp: 4052

Ion Ratio Lower Upper

104 100

78 37.4 36.1 67.1



#63

1,2,4-Trimethylbenzene

Concen: 0.574 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036024.D

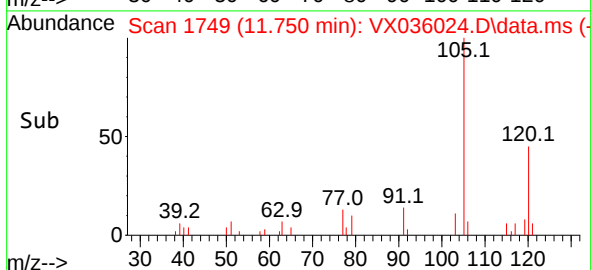
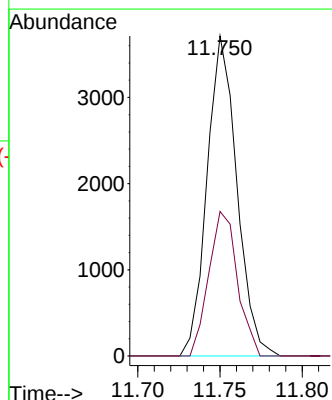
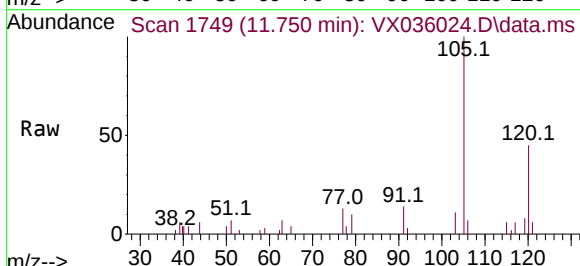
Acq: 06 Jun 2023 11:21

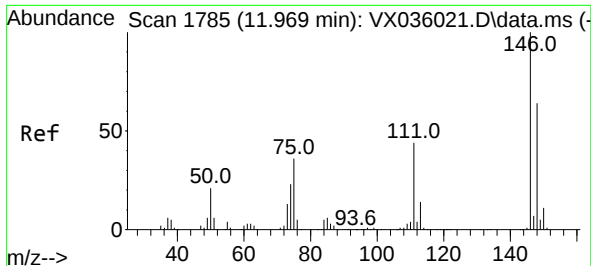
Tgt Ion:105 Resp: 4686

Ion Ratio Lower Upper

105 100

120 43.3 35.0 52.6

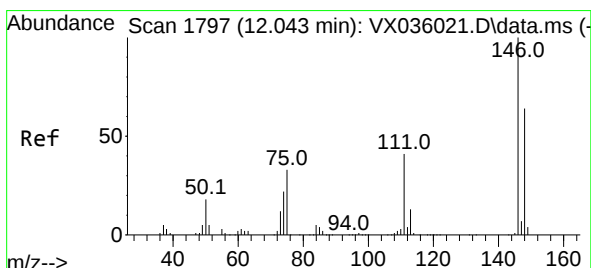
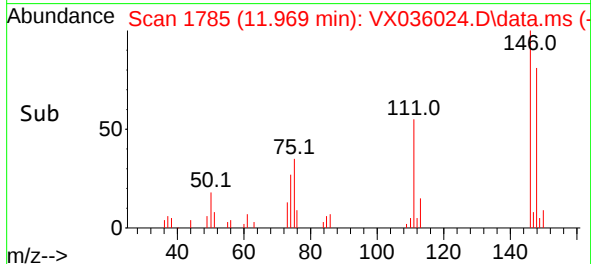
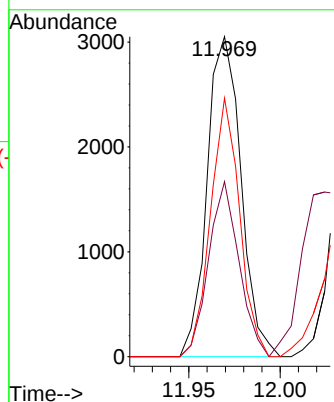
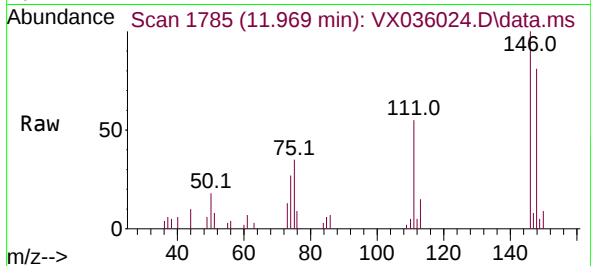




#64
1,3-Dichlorobenzene
Concen: 0.857 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036024.D
Acq: 06 Jun 2023 11:21

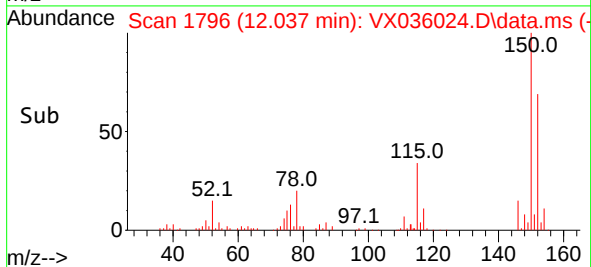
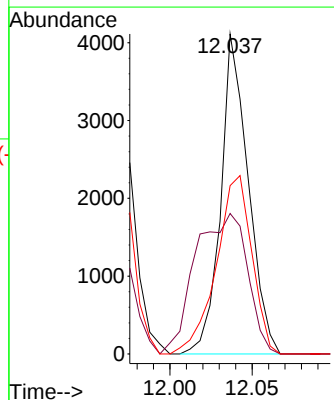
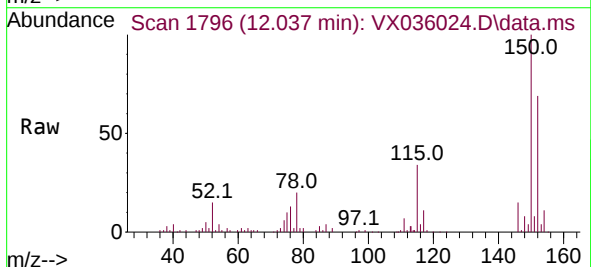
Instrument :
MSVOA_X
ClientSampleId :
VIBLK627

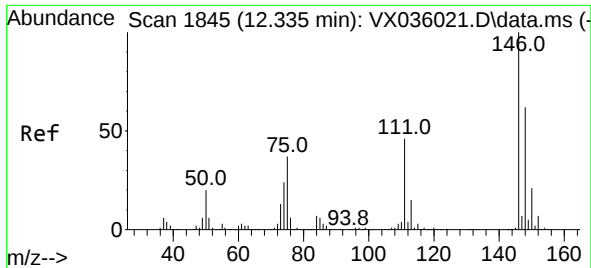
Tgt Ion:146 Resp: 3933
Ion Ratio Lower Upper
146 100
111 54.7 30.9 57.3
148 80.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 1.017 ug/L
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX036024.D
Acq: 06 Jun 2023 11:21

Tgt Ion:146 Resp: 4775
Ion Ratio Lower Upper
146 100
111 43.9 28.8 53.4
148 52.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.808 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036024.D

Acq: 06 Jun 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VIBLK627

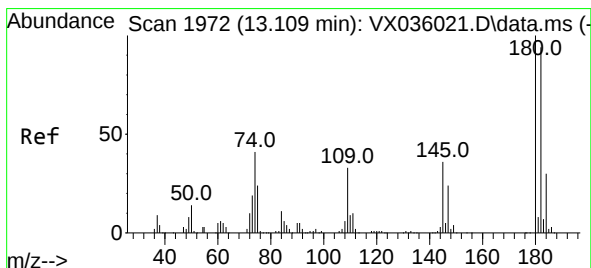
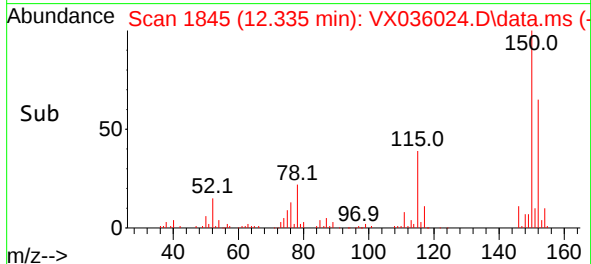
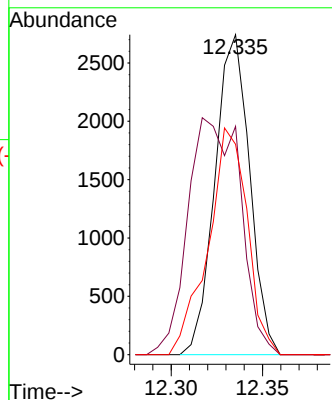
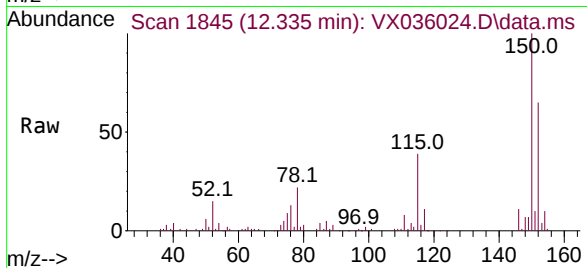
Tgt Ion:146 Resp: 3622

Ion Ratio Lower Upper

146 100

111 71.3 37.0 55.4#

148 65.8 49.9 74.9



#69

1,3,5-Trichlorobenzene

Concen: 1.363 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX036024.D

Acq: 06 Jun 2023 11:21

Tgt Ion:180 Resp: 3830

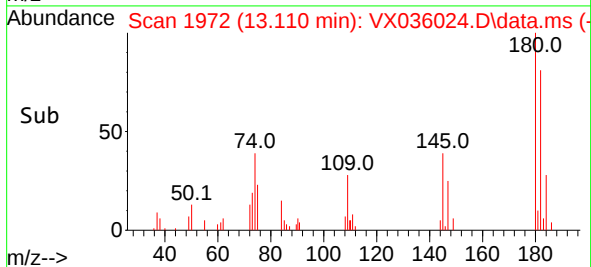
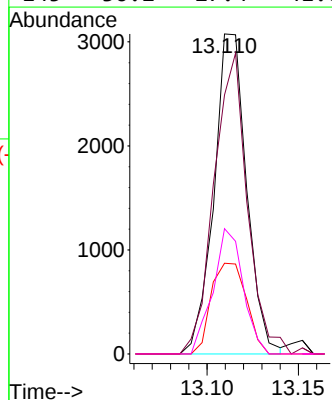
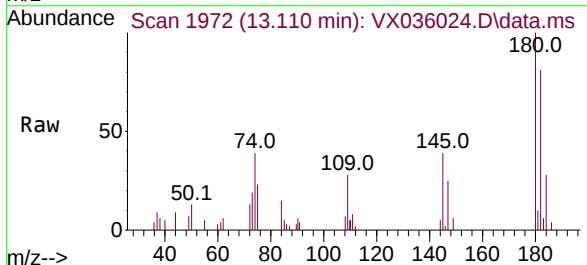
Ion Ratio Lower Upper

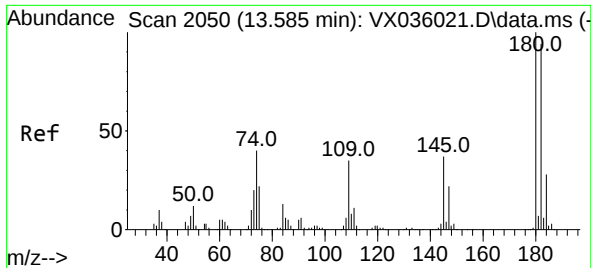
180 100

182 95.5 76.0 114.0

184 30.6 23.8 35.8

145 36.2 27.4 41.0

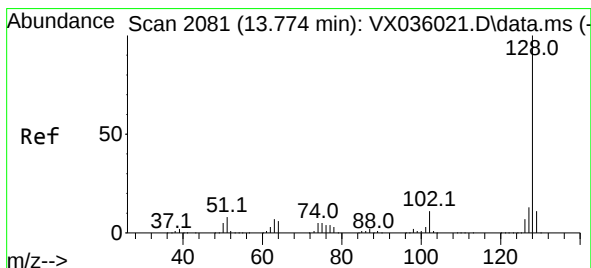
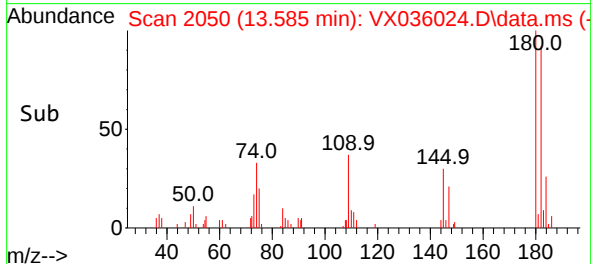
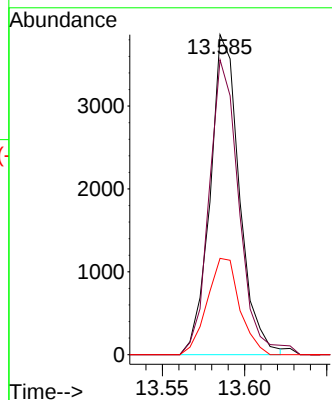
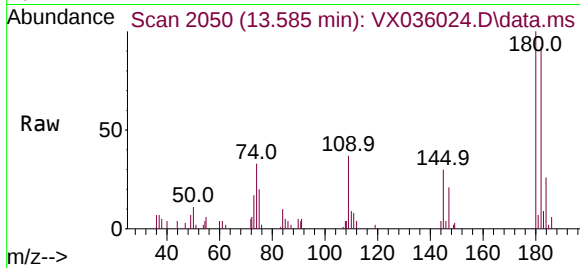




#70
1,2,4-trichlorobenzene
Concen: 1.867 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036024.D
Acq: 06 Jun 2023 11:21

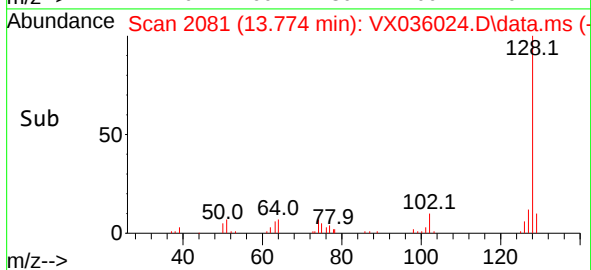
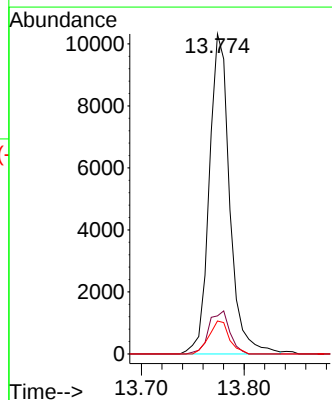
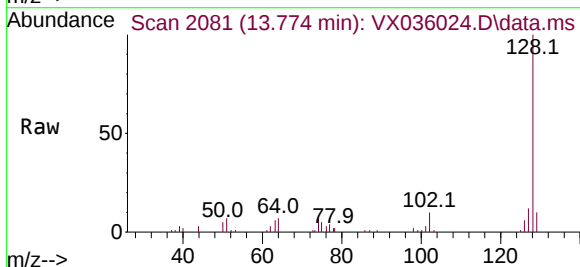
Instrument :
MSVOA_X
ClientSampleId :
VIBLK627

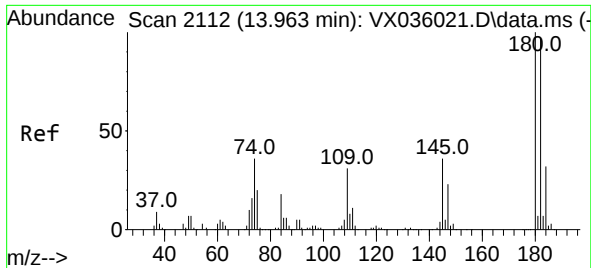
Tgt Ion:180 Resp: 4792
Ion Ratio Lower Upper
180 100
182 92.8 74.6 112.0
145 33.4 28.6 42.8



#71
Naphthalene
Concen: 1.691 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036024.D
Acq: 06 Jun 2023 11:21

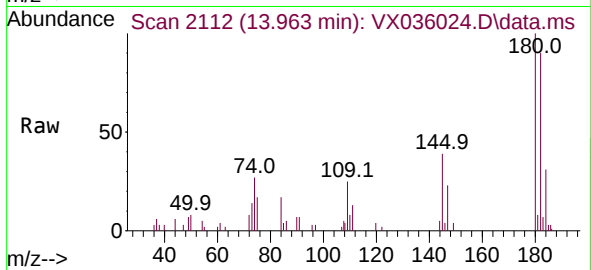
Tgt Ion:128 Resp: 14274
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.4
129 10.2 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 1.930 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX036024.D
 Acq: 06 Jun 2023 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK627



Tgt Ion:180 Resp: 4924

Ion	Ratio	Lower	Upper
180	100		
182	98.8	75.4	113.2
145	34.2	29.4	44.0

