

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060923\
 Data File : VV031492.D
 Acq On : 09 Jun 2023 13:25
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK216

Quant Time: Jun 10 01:41:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 01:38:32 2023
 Response via : Initial Calibration

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

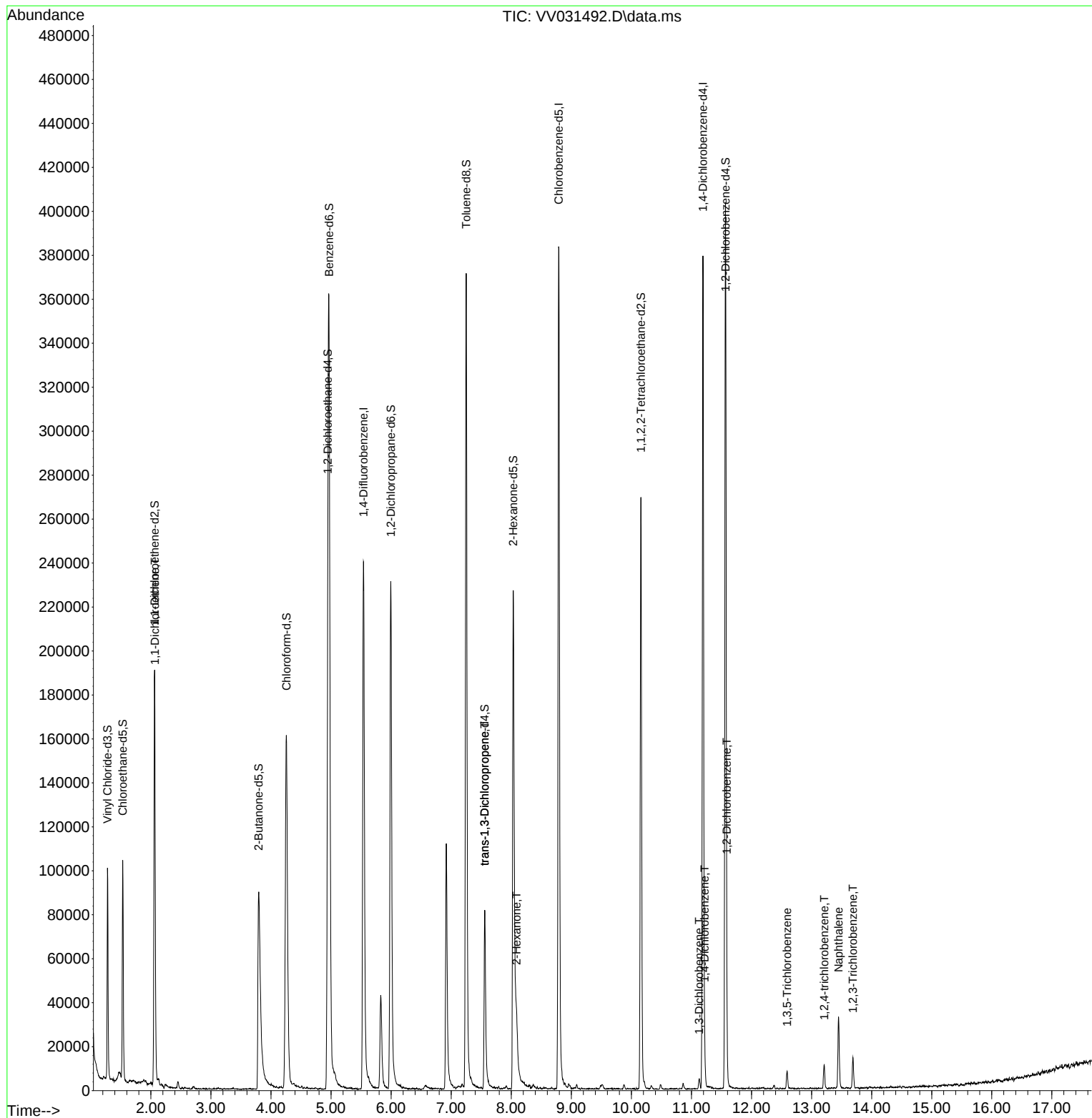
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	198318	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	204156	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	94010	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64282	36.841	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.680%		
7) Chloroethane-d5	1.532	69	63820	45.177	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.360%		
11) 1,1-Dichloroethene-d2	2.063	65	33397	40.385	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.780%		
21) 2-Butanone-d5	3.793	46	152913	121.263	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.260%		
24) Chloroform-d	4.256	84	173290	52.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.420%		
26) 1,2-Dichloroethane-d4	4.947	65	127555	57.287	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	114.580%		
32) Benzene-d6	4.966	84	295590	49.040	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.080%		
36) 1,2-Dichloropropane-d6	5.995	67	113655	54.248	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.500%		
41) Toluene-d8	7.249	98	246067	44.441	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.880%		
43) trans-1,3-Dichloroprop...	7.558	79	49489	46.893	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.780%		
47) 2-Hexanone-d5	8.034	63	70499	89.341	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.340%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	128632	48.650	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.300%		
66) 1,2-Dichlorobenzene-d4	11.567	152	98923	56.724	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.440%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	989	1.250	ug/L #	1
44) trans-1,3-Dichloropropene	7.558	75	2414	0.982	ug/L	97
48) 2-Hexanone	8.088	43	19846	9.626	ug/L #	89
64) 1,3-Dichlorobenzene	11.130	146	2015	0.733	ug/L	92
65) 1,4-Dichlorobenzene	11.220	146	2502	0.860	ug/L	93
67) 1,2-Dichlorobenzene	11.587	146	2405	0.853	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.593	180	2549	1.204	ug/L	95
70) 1,2,4-trichlorobenzene	13.210	180	3562	1.972	ug/L	91
71) Naphthalene	13.448	128	25350	5.121	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	4268	2.358	ug/L	96

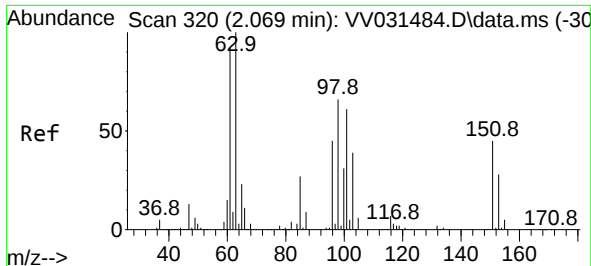
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060923\
Data File : VV031492.D
Acq On : 09 Jun 2023 13:25
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK216

Quant Time: Jun 10 01:41:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 10 01:38:32 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.250 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV031492.D

Acq: 09 Jun 2023 13:25

Instrument :

MSVOA_V

ClientSampleId :

VIBLK216

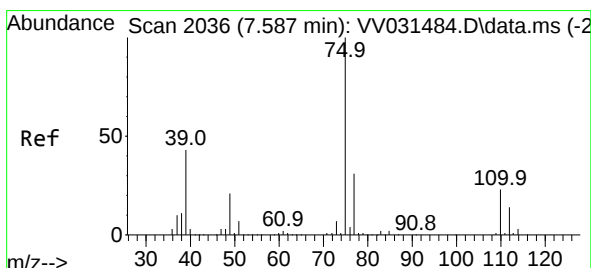
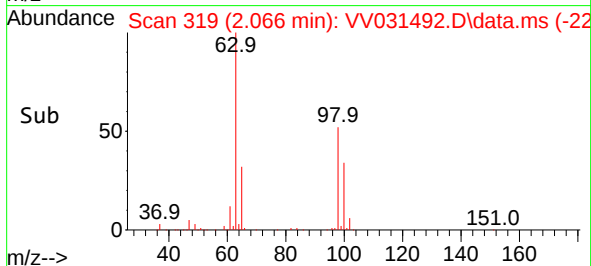
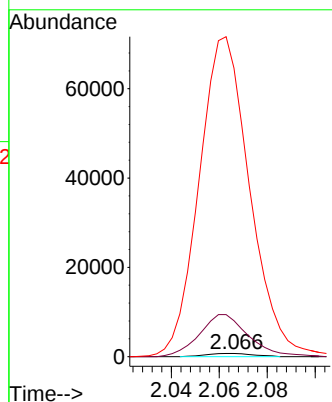
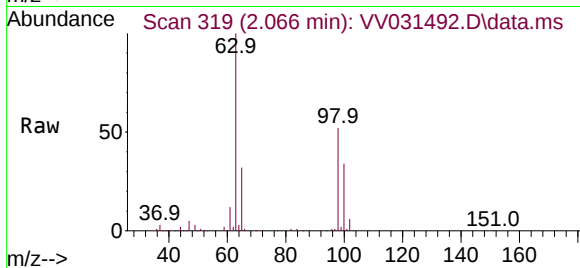
Tgt Ion: 96 Resp: 989

Ion Ratio Lower Upper

96 100

61 1119.3 143.9 267.3#

63 8978.9 158.3 293.9#



#44

trans-1,3-Dichloropropene

Concen: 0.982 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.029 min

Lab File: VV031492.D

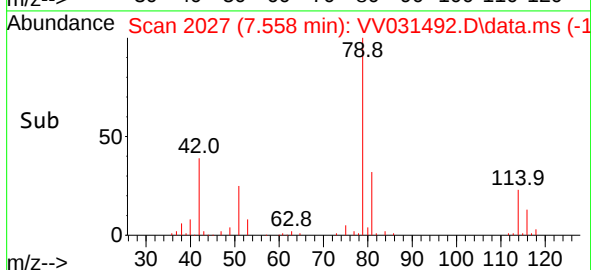
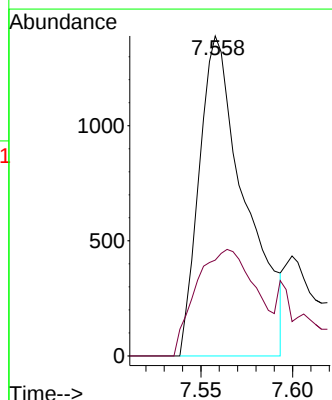
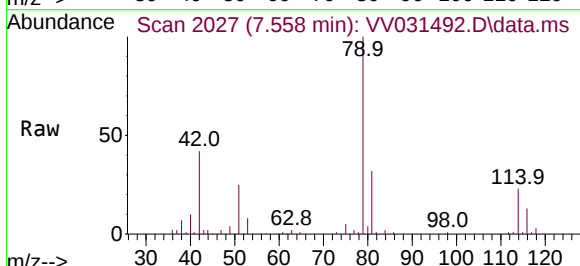
Acq: 09 Jun 2023 13:25

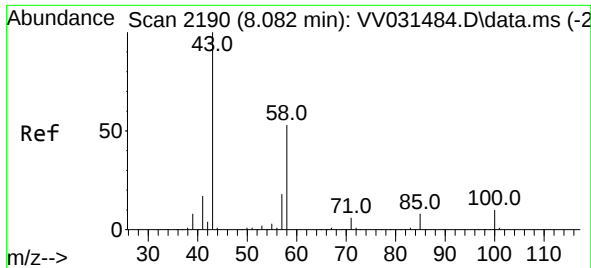
Tgt Ion: 75 Resp: 2414

Ion Ratio Lower Upper

75 100

77 29.9 22.2 41.2

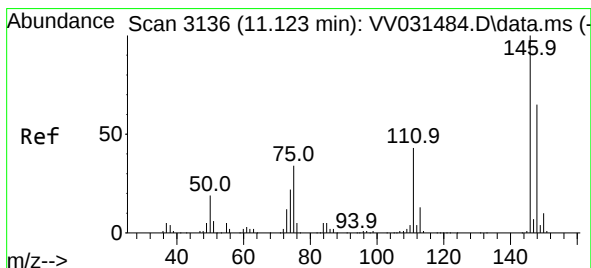
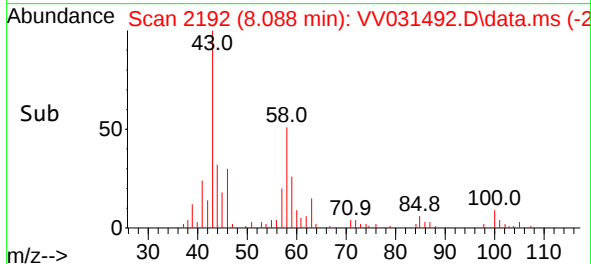
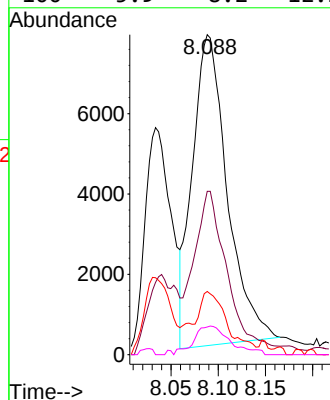
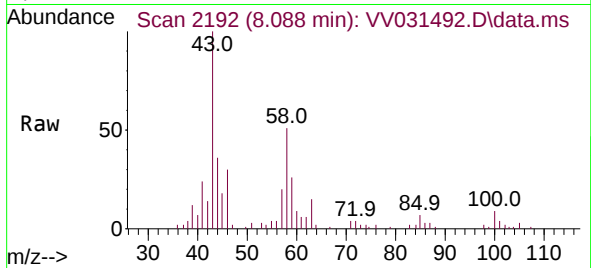




#48
2-Hexanone
Concen: 9.626 ug/L
RT: 8.088 min Scan# 2190
Delta R.T. 0.007 min
Lab File: VV031492.D
Acq: 09 Jun 2023 13:25

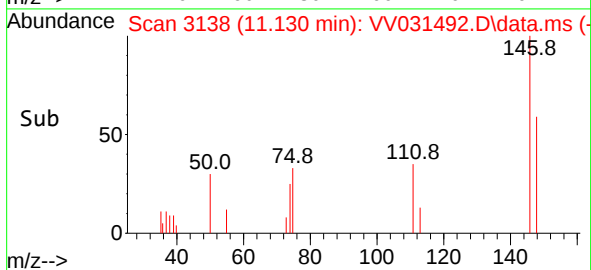
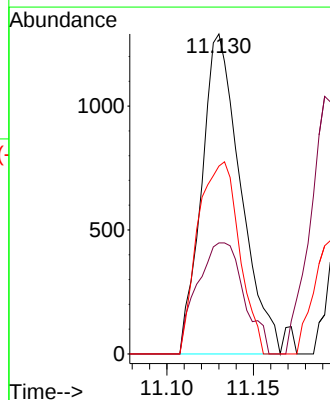
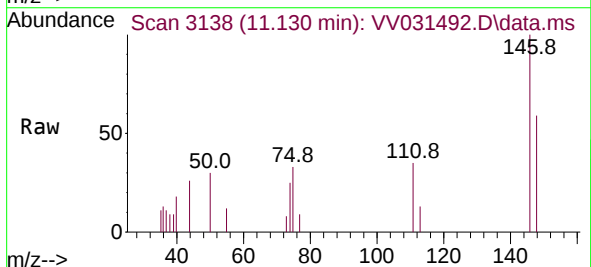
Instrument :
MSVOA_V
ClientSampleId :
VIBLK216

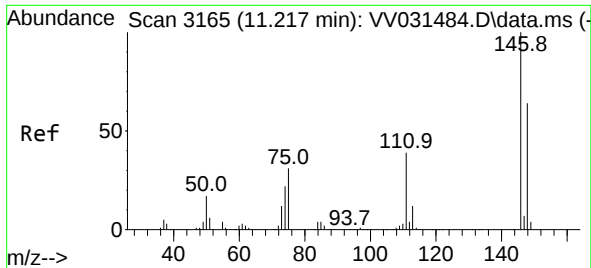
Tgt Ion: 43	Resp: 19846
Ion Ratio	Lower Upper
43	100
58	47.6 42.9 64.3
57	9.9 14.6 22.0#
100	5.9 8.2 12.2#



#64
1,3-Dichlorobenzene
Concen: 0.733 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.007 min
Lab File: VV031492.D
Acq: 09 Jun 2023 13:25

Tgt Ion: 146	Resp: 2015
Ion Ratio	Lower Upper
146	100
111	34.7 29.3 54.5
148	58.7 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 0.860 ug/L

RT: 11.220 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VV031492.D

Acq: 09 Jun 2023 13:25

Instrument :

MSVOA_V

ClientSampleId :

VIBLK216

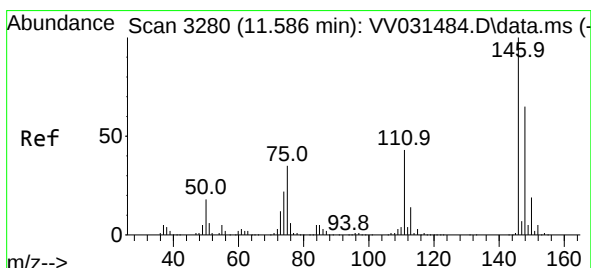
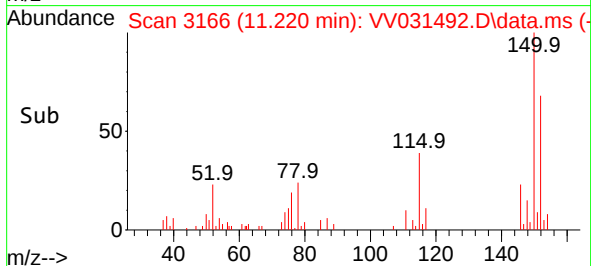
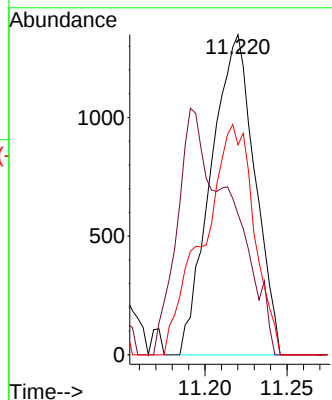
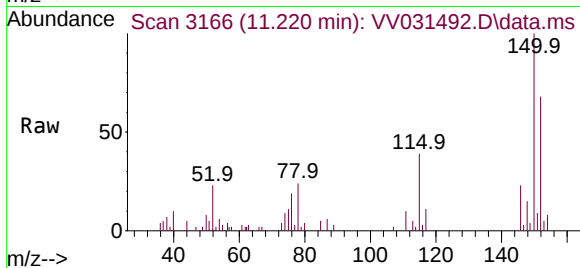
Tgt Ion:146 Resp: 2502

Ion Ratio Lower Upper

146 100

111 39.4 28.1 52.3

148 72.5 45.1 83.7



#67

1,2-Dichlorobenzene

Concen: 0.853 ug/L

RT: 11.587 min Scan# 3280

Delta R.T. 0.000 min

Lab File: VV031492.D

Acq: 09 Jun 2023 13:25

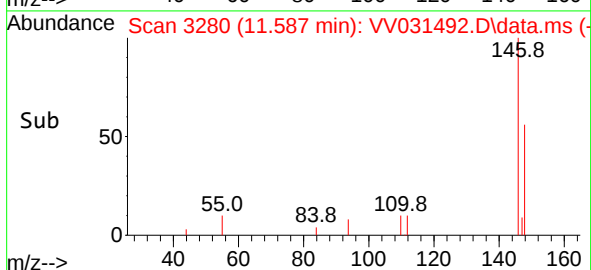
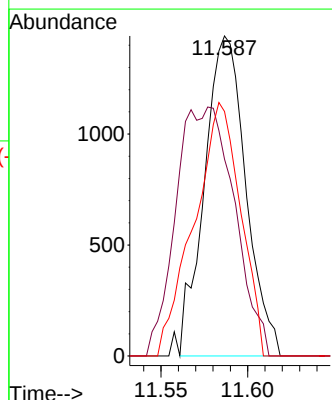
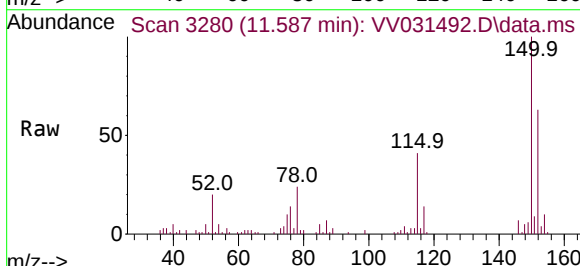
Tgt Ion:146 Resp: 2405

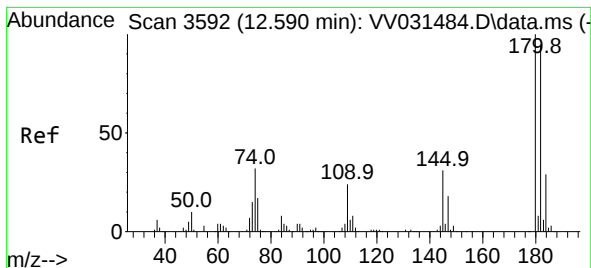
Ion Ratio Lower Upper

146 100

111 61.5 34.5 51.7#

148 76.4 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 1.204 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. 0.003 min

Lab File: VV031492.D

Acq: 09 Jun 2023 13:25

Instrument :

MSVOA_V

ClientSampleId :

VIBLK216

Tgt Ion:180 Resp: 2549

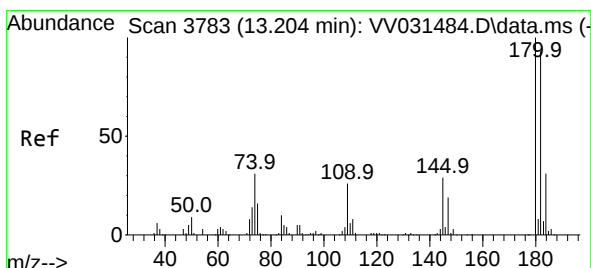
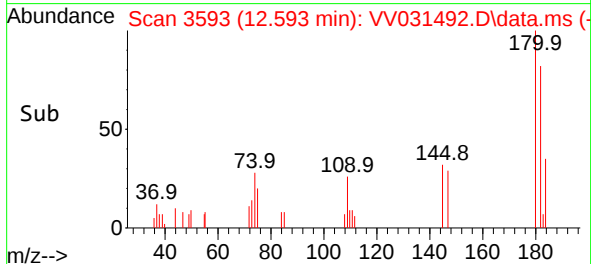
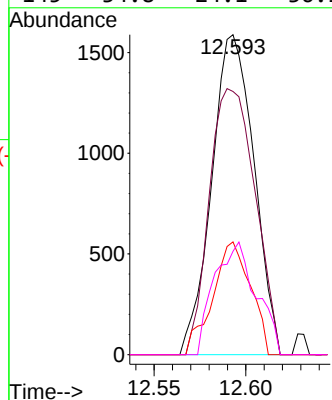
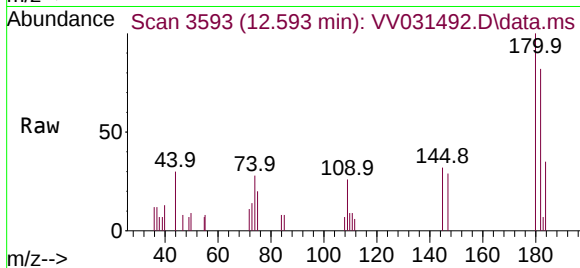
Ion Ratio Lower Upper

180 100

182 90.0 75.7 113.5

184 31.5 23.9 35.9

145 34.8 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 1.972 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.007 min

Lab File: VV031492.D

Acq: 09 Jun 2023 13:25

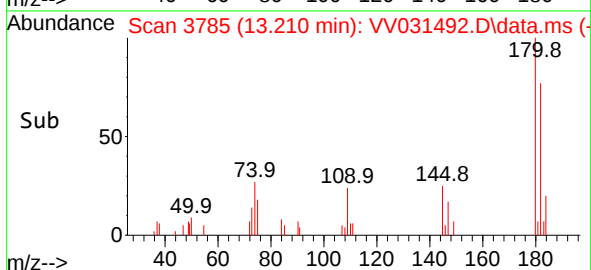
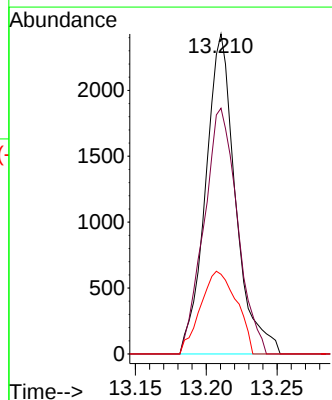
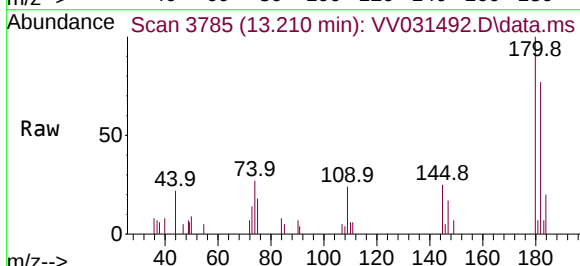
Tgt Ion:180 Resp: 3562

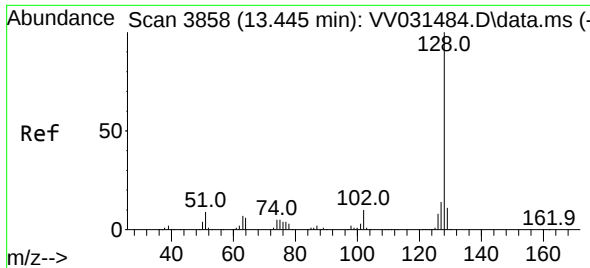
Ion Ratio Lower Upper

180 100

182 85.5 77.0 115.6

145 31.2 24.2 36.2

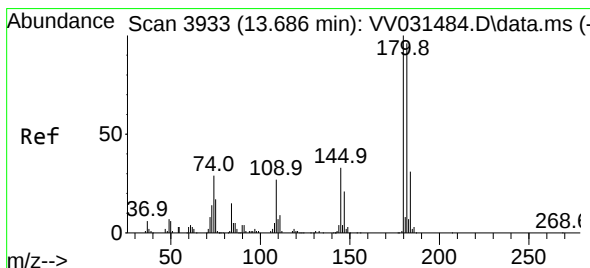
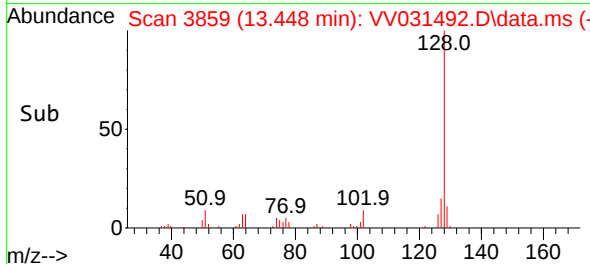
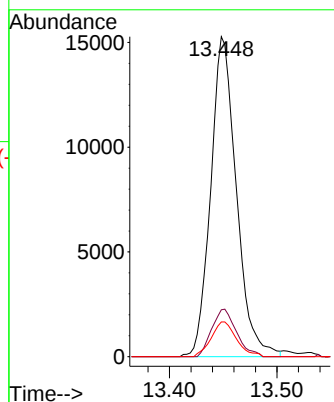
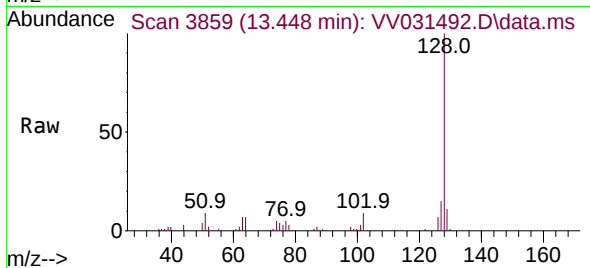




#71
Naphthalene
Concen: 5.121 ug/L
RT: 13.448 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV031492.D
Acq: 09 Jun 2023 13:25

Instrument :
MSVOA_V
ClientSampleId :
VIBLK216

Tgt Ion:	128	Resp:	25350
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.7	16.1
129	10.7	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 2.358 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.003 min
Lab File: VV031492.D
Acq: 09 Jun 2023 13:25

Tgt Ion:	180	Resp:	4268
Ion	Ratio	Lower	Upper
180	100		
182	100.8	77.4	116.2
145	33.8	25.6	38.4

