

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061924\
 Data File : VW036139.D
 Acq On : 19 Jun 2024 15:55
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 05:16:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

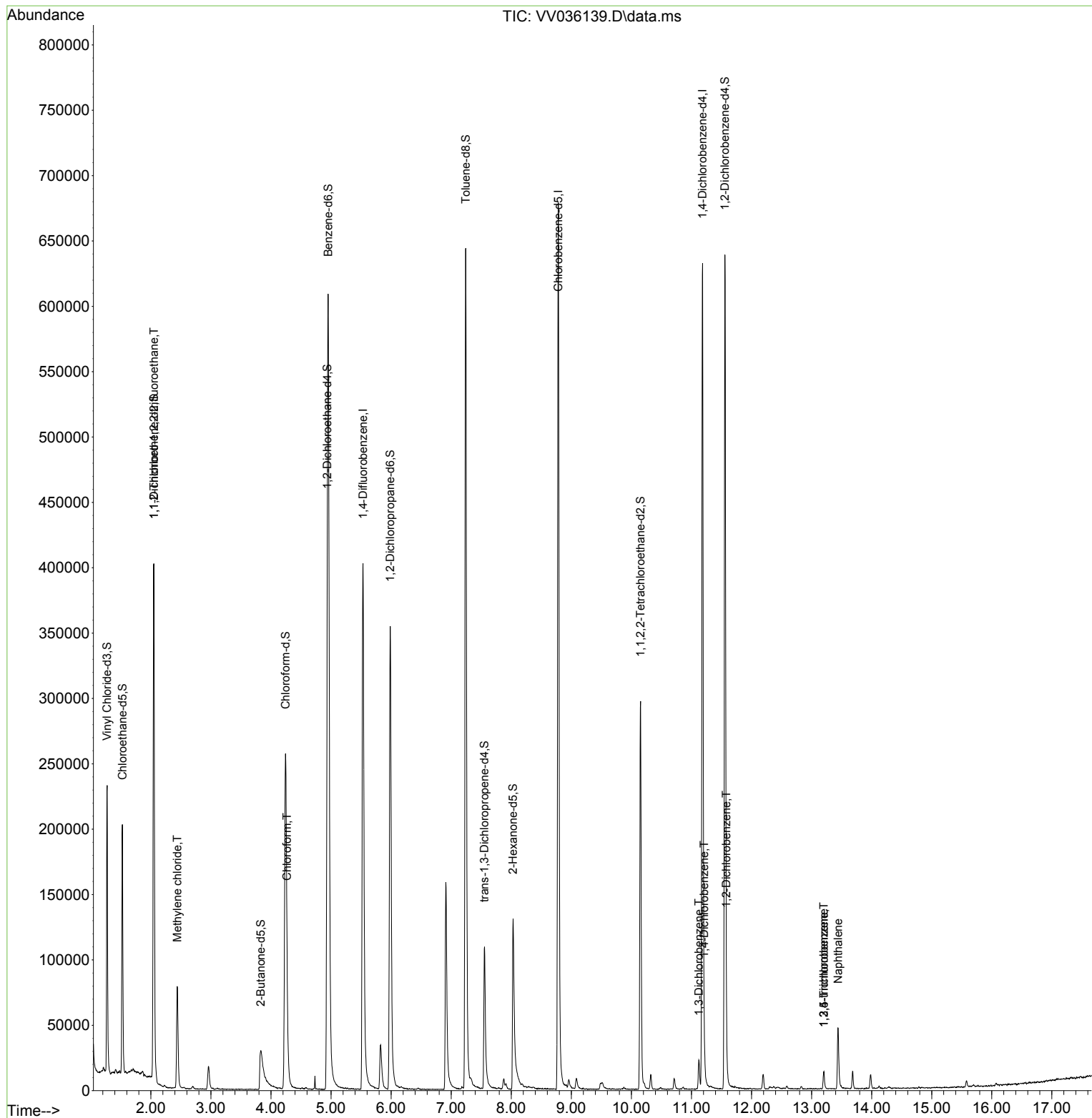
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	352934	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	378469	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	164803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	148883	22.945	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.800%		
7) Chloroethane-d5	1.526	69	127411	24.626	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.520%		
11) 1,1-Dichloroethene-d2	2.050	65	69271	23.981	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.920%		
21) 2-Butanone-d5	3.828	46	65016	43.672	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.340%		
24) Chloroform-d	4.243	84	285450	25.440	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.760%		
26) 1,2-Dichloroethane-d4	4.937	65	167981	28.554	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	114.200%		
32) Benzene-d6	4.953	84	537365	23.886	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.560%		
36) 1,2-Dichloropropane-d6	5.985	67	180742	25.512	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.040%		
41) Toluene-d8	7.243	98	447358	22.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.160%		
43) trans-1,3-Dichloroprop...	7.555	79	69897	24.062	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.240%		
47) 2-Hexanone-d5	8.030	63	47975	49.981	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.960%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	148335	28.019	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.080%		
66) 1,2-Dichlorobenzene-d4	11.558	152	164501	27.219	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.880%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2502	0.413	ug/L #	47
16) Methylene chloride	2.439	84	34258	4.290	ug/L	99
25) Chloroform	4.265	83	8243	0.701	ug/L #	68
64) 1,3-Dichlorobenzene	11.124	146	9627	0.867	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	8719	0.761	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	4467	0.428	ug/L	93
69) 1,3,5-Trichlorobenzene	13.204	180	4334	0.522	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	4334	0.663	ug/L	98
71) Naphthalene	13.442	128	41013	3.843	ug/L	98

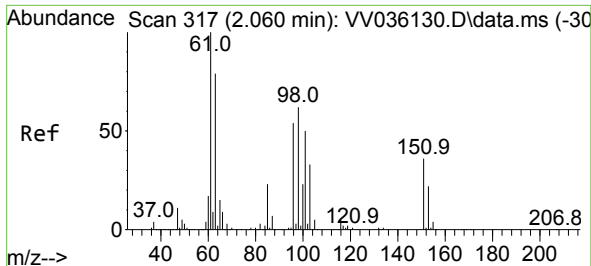
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
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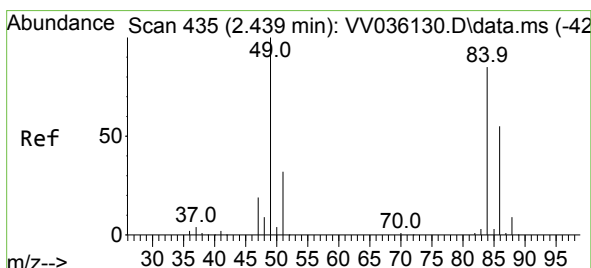
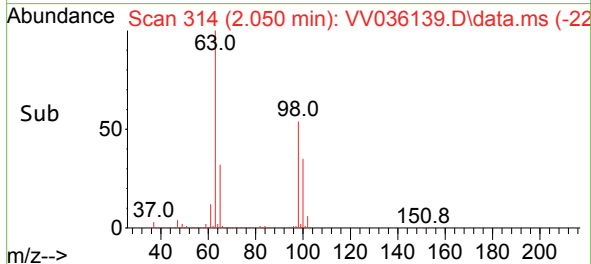
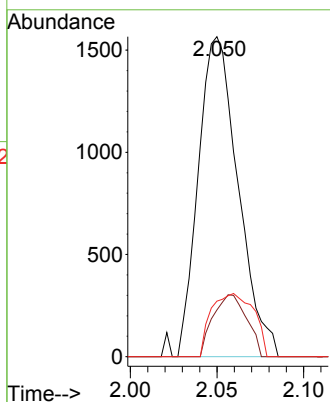
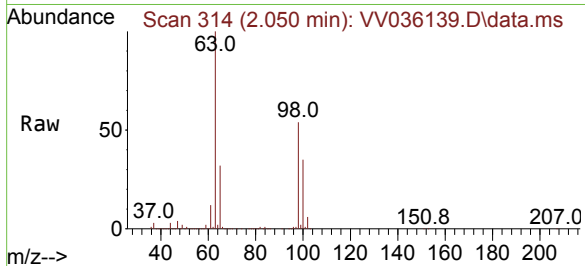




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.413 ug/L
RT: 2.050 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV036139.D
Acq: 19 Jun 2024 15:55

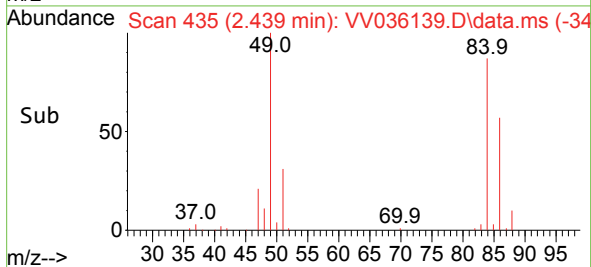
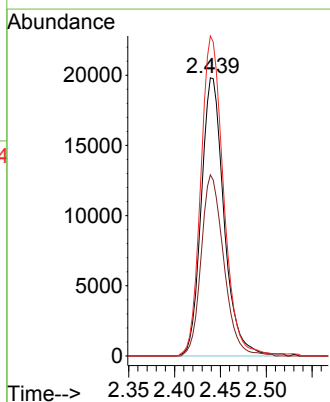
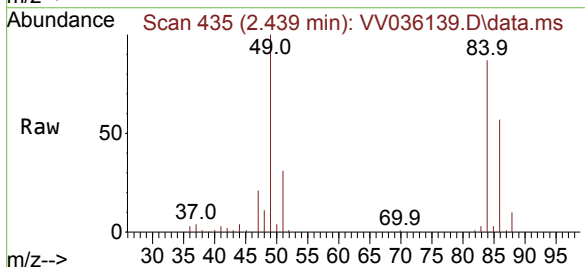
Instrument :
MSVOA_V
ClientSampleId :

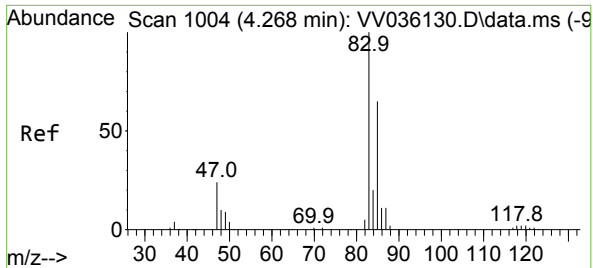
Tgt Ion:101 Resp: 2502
Ion Ratio Lower Upper
101 100
85 16.3 34.5 51.7#
151 21.0 56.3 84.5#



#16
Methylene chloride
Concen: 4.290 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036139.D
Acq: 19 Jun 2024 15:55

Tgt Ion: 84 Resp: 34258
Ion Ratio Lower Upper
84 100
86 65.2 44.6 82.8
49 115.1 81.1 150.5

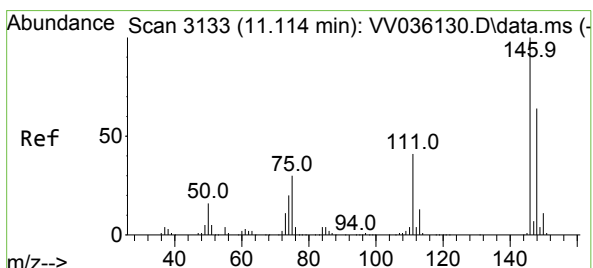
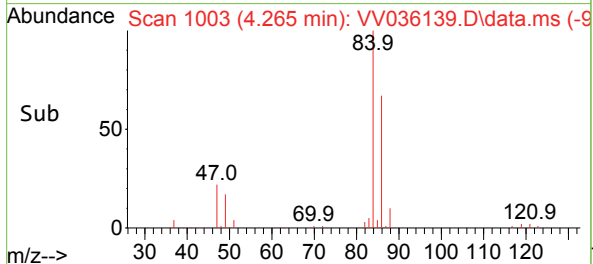
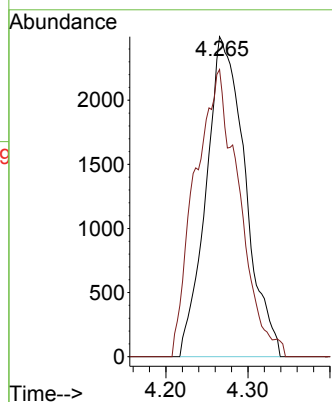
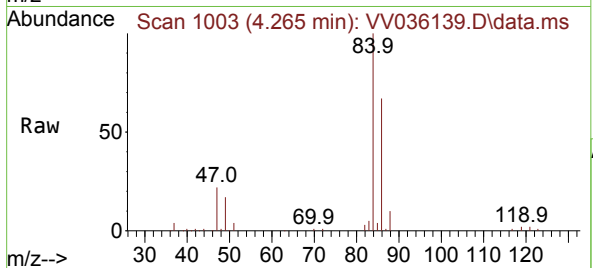




#25
Chloroform
Concen: 0.701 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.003 min
Lab File: VV036139.D
Acq: 19 Jun 2024 15:55

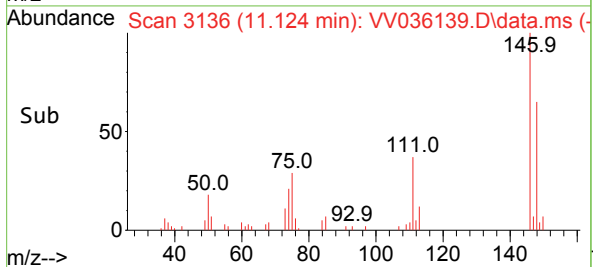
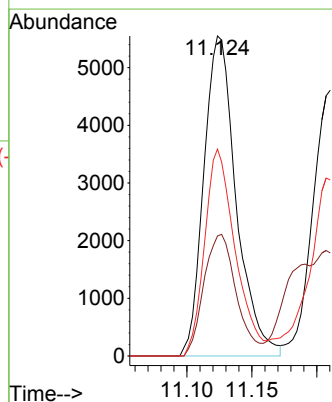
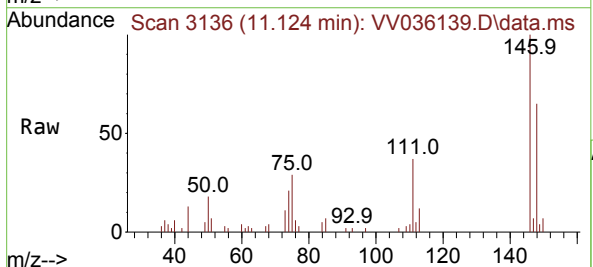
Instrument :
MSVOA_V
ClientSampleId :

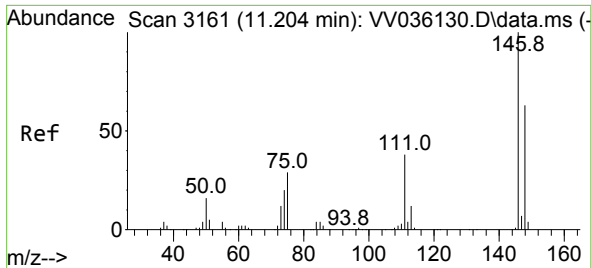
Tgt Ion: 83 Resp: 8243
Ion Ratio Lower Upper
83 100
85 89.7 45.2 84.0#



#64
1,3-Dichlorobenzene
Concen: 0.867 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV036139.D
Acq: 19 Jun 2024 15:55

Tgt Ion:146 Resp: 9627
Ion Ratio Lower Upper
146 100
111 37.5 28.1 52.1
148 64.6 44.7 83.1

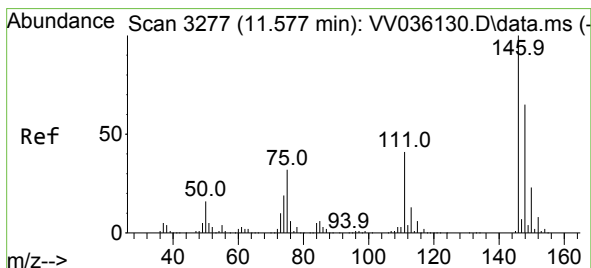
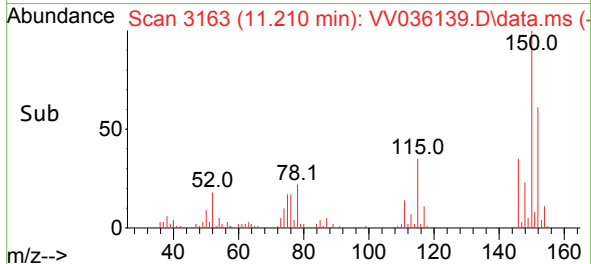
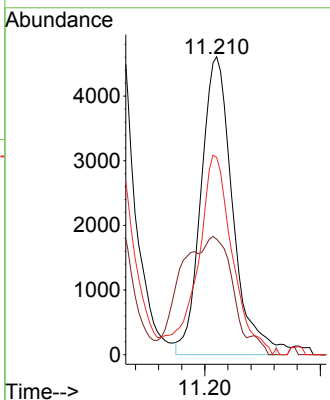
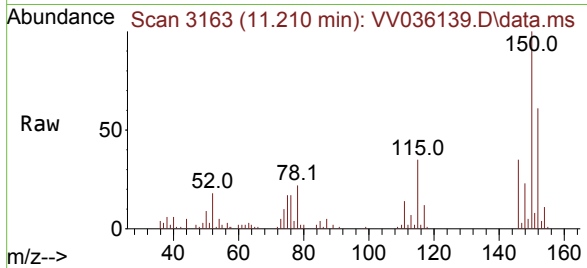




#65
1,4-Dichlorobenzene
Concen: 0.761 ug/L
RT: 11.210 min Scan# 3161
Delta R.T. 0.006 min
Lab File: VV036139.D
Acq: 19 Jun 2024 15:55

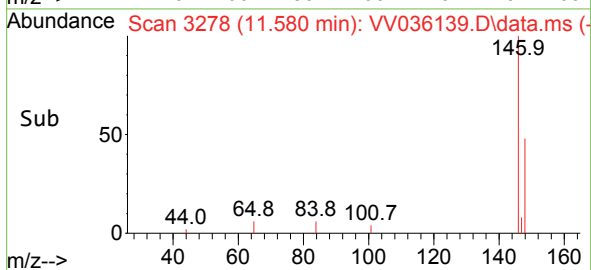
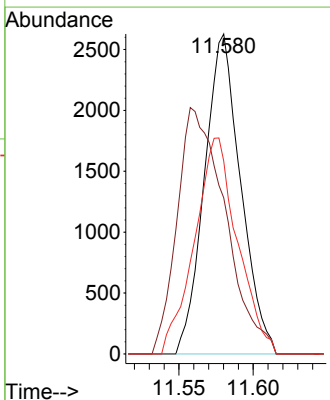
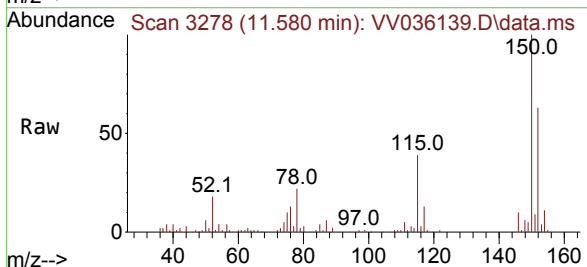
Instrument :
MSVOA_V
ClientSampleId :

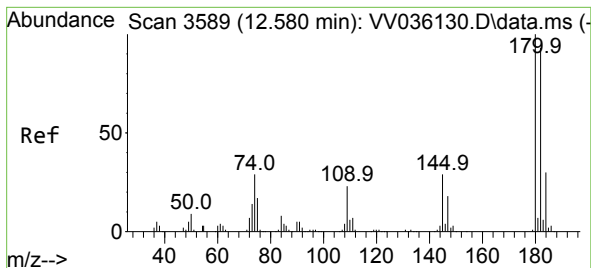
Tgt Ion:146 Resp: 8719
Ion Ratio Lower Upper
146 100
111 38.8 26.9 50.1
148 66.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 0.428 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV036139.D
Acq: 19 Jun 2024 15:55

Tgt Ion:146 Resp: 4467
Ion Ratio Lower Upper
146 100
111 48.8 33.5 50.3
148 60.3 50.9 76.3





#69

1,3,5-Trichlorobenzene

Concen: 0.522 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

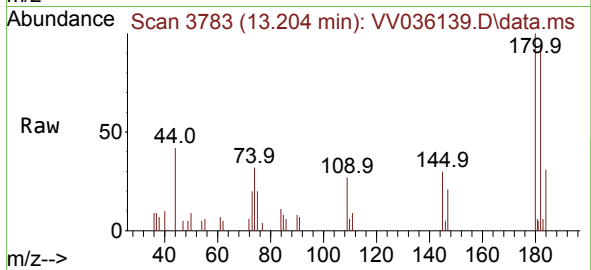
Lab File: VV036139.D

Acq: 19 Jun 2024 15:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4334

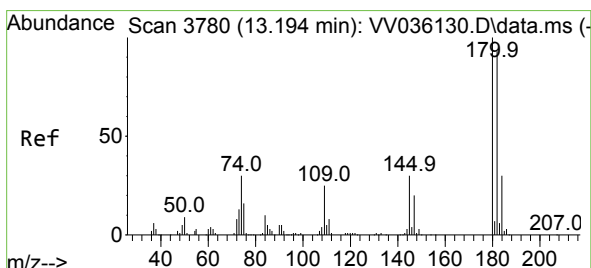
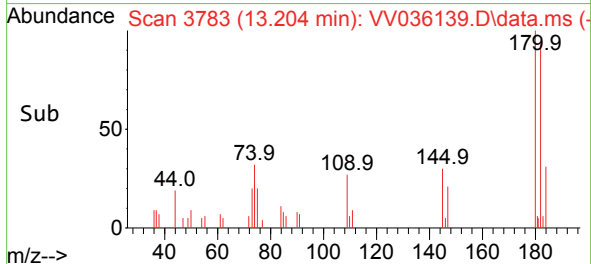
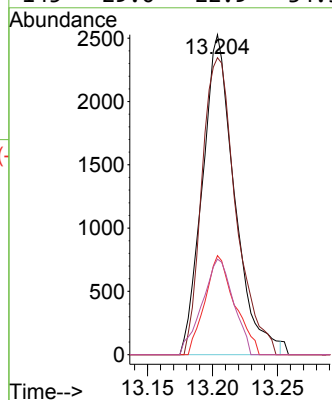
Ion Ratio Lower Upper

180 100

182 97.9 76.2 114.4

184 28.7 24.2 36.2

145 29.0 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 0.663 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV036139.D

Acq: 19 Jun 2024 15:55

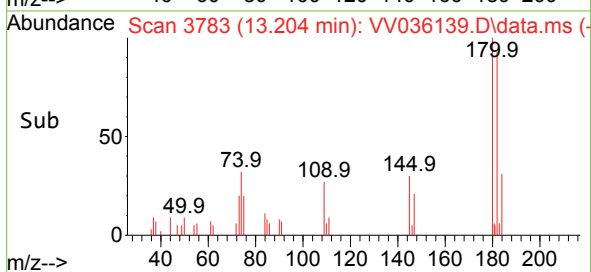
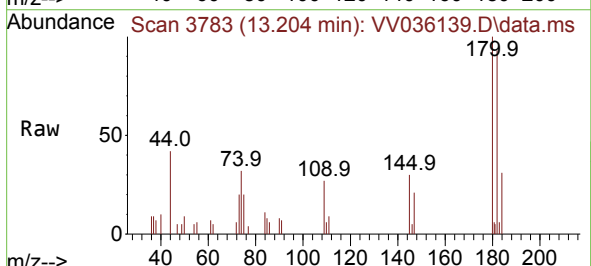
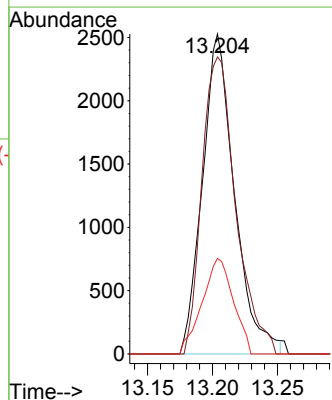
Tgt Ion:180 Resp: 4334

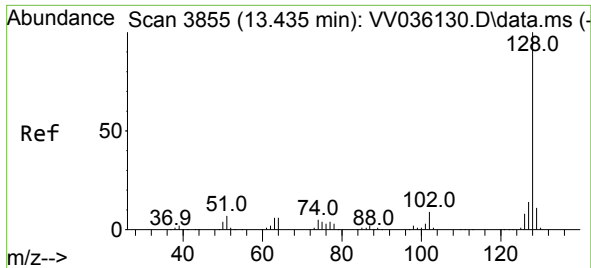
Ion Ratio Lower Upper

180 100

182 97.9 76.1 114.1

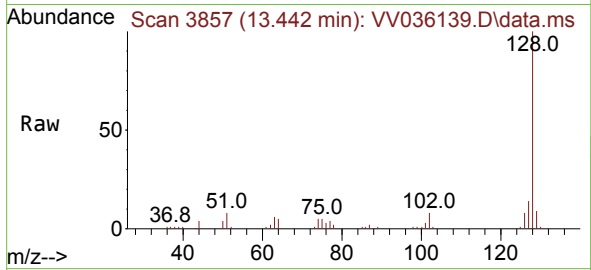
145 29.0 23.5 35.3





#71
Naphthalene
Concen: 3.843 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.006 min
Lab File: VV036139.D
Acq: 19 Jun 2024 15:55

Instrument :
MSVOA_V
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Tgt Ion:128 Resp: 41013
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 9.8 8.8 13.2

