

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062824\
 Data File : VV036353.D
 Acq On : 28 Jun 2024 16:32
 Operator : SY/MD
 Sample : VIBLK305
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 01 17:08:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
 Response via : Initial Calibration

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

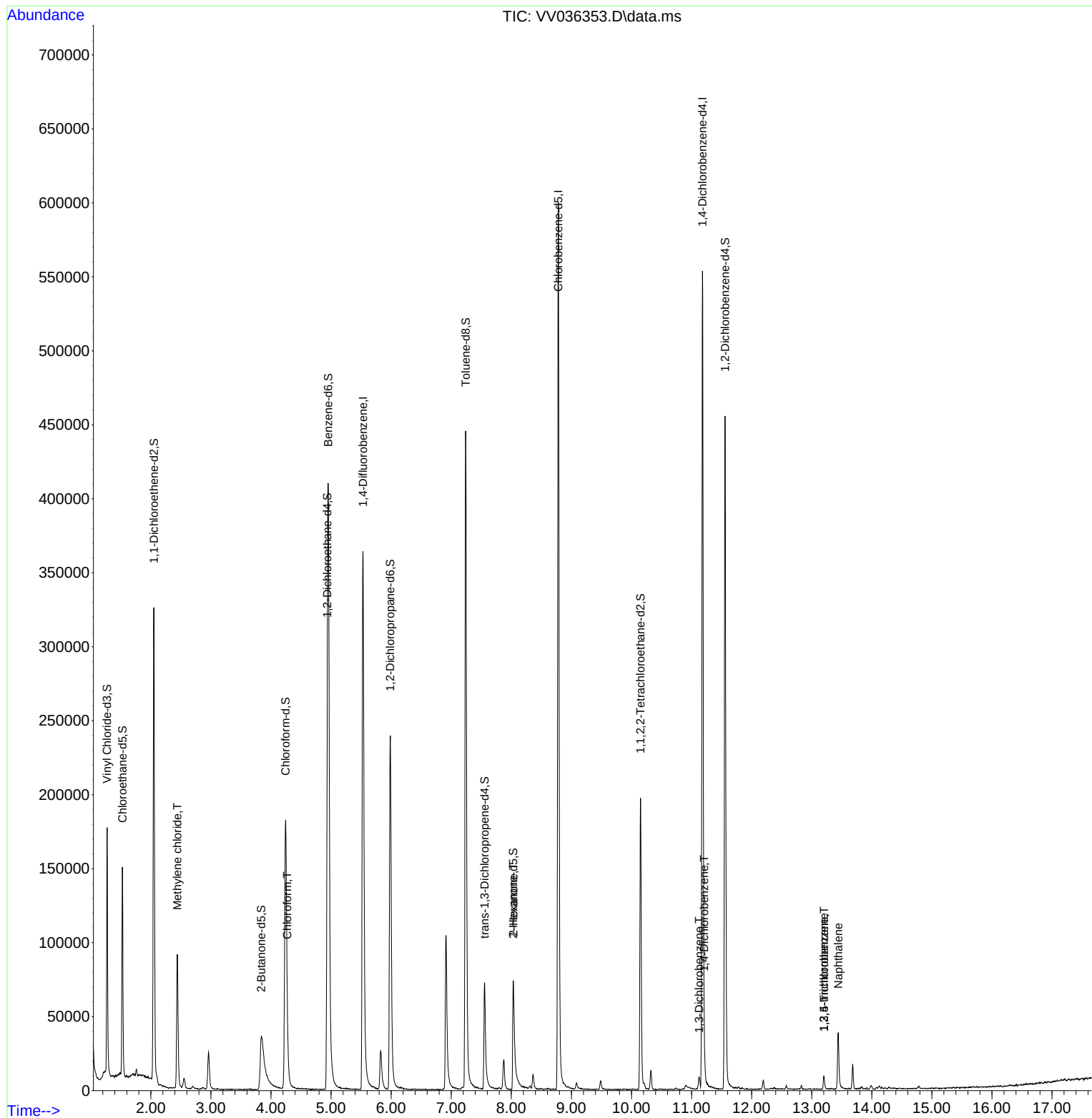
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	329008	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	346058	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	149168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	110602	19.794	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.160%		
7) Chloroethane-d5	1.526	69	93124	20.866	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.480%		
11) 1,1-Dichloroethene-d2	2.050	65	53458	20.352	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.400%		
21) 2-Butanone-d5	3.838	46	39203	30.230	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.460%		
24) Chloroform-d	4.243	84	199475	20.540	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.160%		
26) 1,2-Dichloroethane-d4	4.937	65	111862	21.599	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.400%		
32) Benzene-d6	4.953	84	375244	19.209	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.840%		
36) 1,2-Dichloropropane-d6	5.986	67	121130	20.614	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.440%		
41) Toluene-d8	7.240	98	310607	17.635	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.520%		
43) trans-1,3-Dichloroprop...	7.555	79	47749	18.197	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.800%		
47) 2-Hexanone-d5	8.030	63	27890	29.735	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.480%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	97269	20.194	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.760%		
66) 1,2-Dichlorobenzene-d4	11.558	152	119062	21.903	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.600%		
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	40325	6.226	ug/L	99
25) Chloroform	4.269	83	7101	0.728	ug/L	98
48) 2-Hexanone	8.034	43	4013	1.728	ug/L #	52
64) 1,3-Dichlorobenzene	11.127	146	4188	0.446	ug/L	93
65) 1,4-Dichlorobenzene	11.210	146	5628	0.559	ug/L	95
69) 1,3,5-Trichlorobenzene	13.204	180	3130	0.442	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	3130	0.555	ug/L	96
71) Naphthalene	13.442	128	33400	3.320	ug/L	99

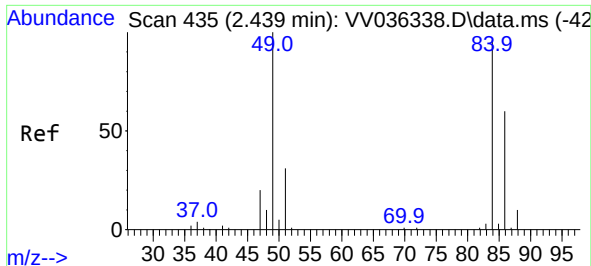
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

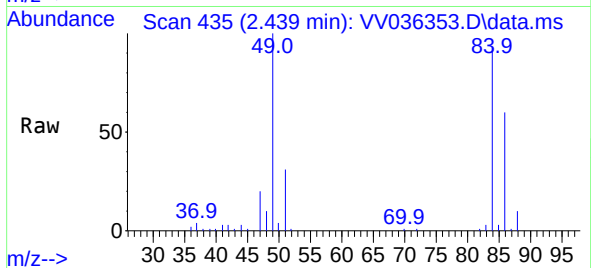
Quant Time: Jul 01 17:08:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 23:33:02 2024
Response via : Initial Calibration



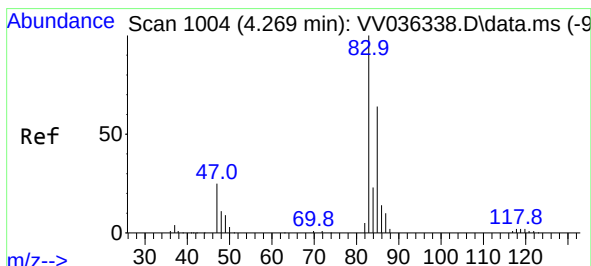
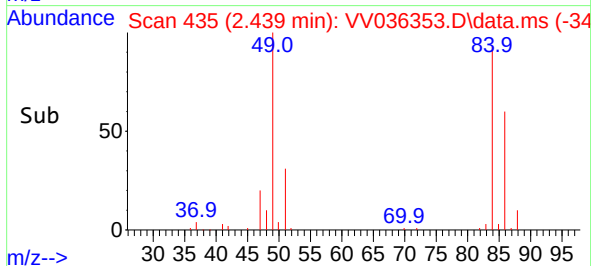
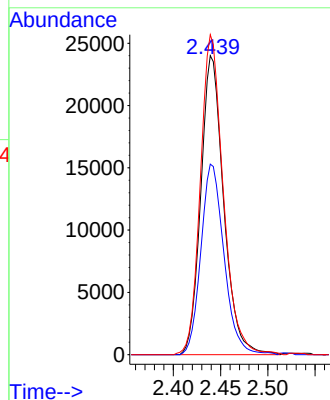


#16
Methylene chloride
Concen: 6.226 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036353.D
Acq: 28 Jun 2024 16:32

Instrument :
MSVOA_V
ClientSampleId :

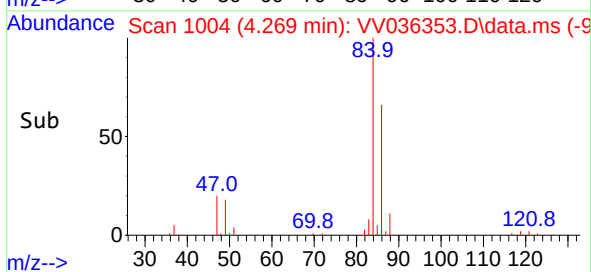
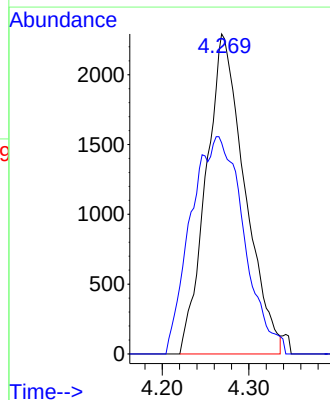
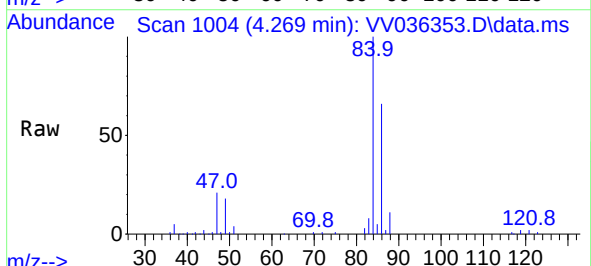


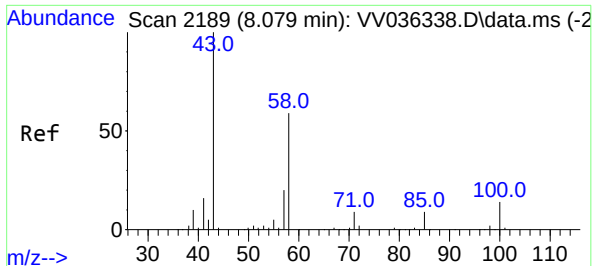
Tgt Ion: 84 Resp: 40325
Ion Ratio Lower Upper
84 100
86 63.8 45.6 84.8
49 107.0 75.7 140.5



#25
Chloroform
Concen: 0.728 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV036353.D
Acq: 28 Jun 2024 16:32

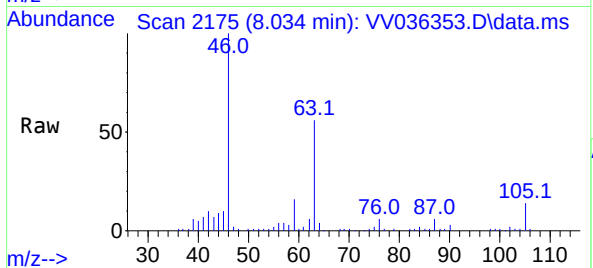
Tgt Ion: 83 Resp: 7101
Ion Ratio Lower Upper
83 100
85 66.0 45.0 83.6





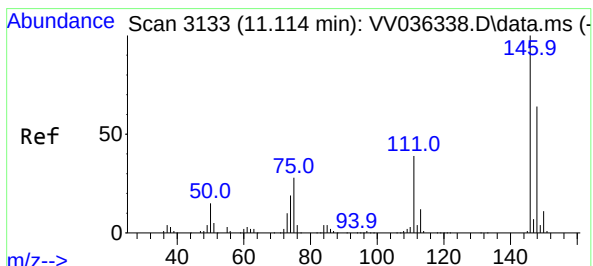
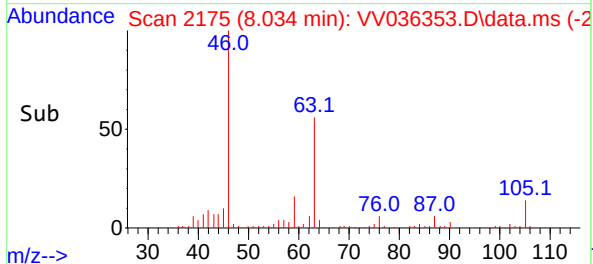
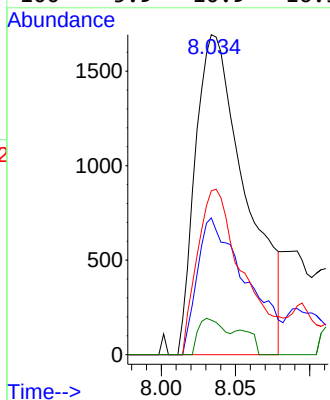
#48
2-Hexanone
Concen: 1.728 ug/L
RT: 8.034 min Scan# 2189
Delta R.T. -0.045 min
Lab File: VV036353.D
Acq: 28 Jun 2024 16:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 4013

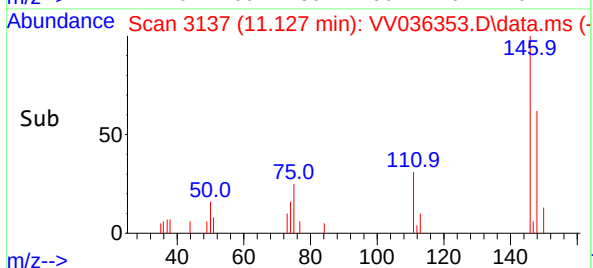
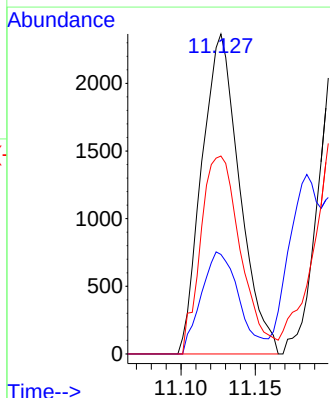
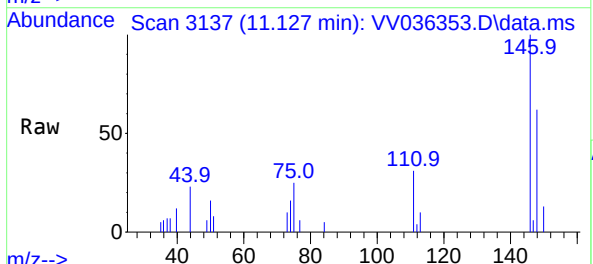
Ion	Ratio	Lower	Upper
43	100		
58	22.5	48.5	72.7#
57	47.6	15.8	23.6#
100	5.9	10.9	16.3#

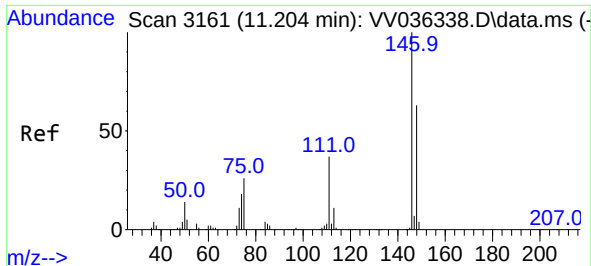


#64
1,3-Dichlorobenzene
Concen: 0.446 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV036353.D
Acq: 28 Jun 2024 16:32

Tgt Ion: 146 Resp: 4188

Ion	Ratio	Lower	Upper
146	100		
111	31.1	27.5	51.1
148	61.9	44.9	83.3



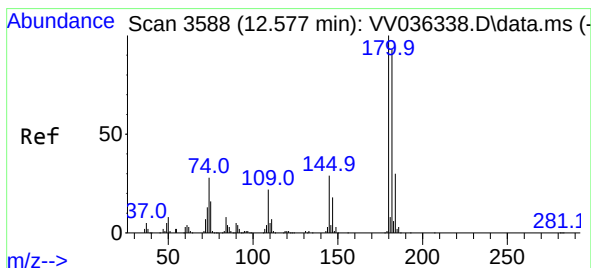
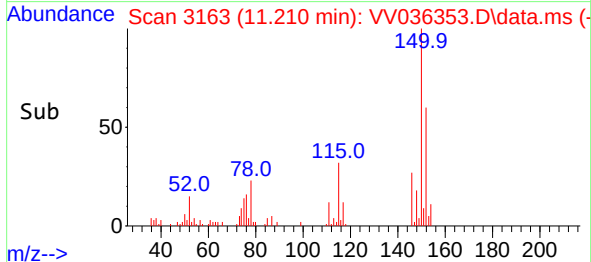
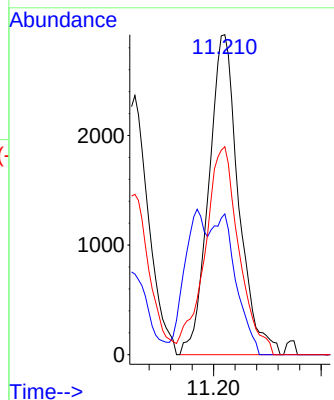
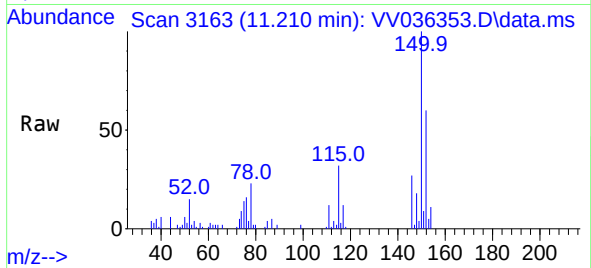


#65
1,4-Dichlorobenzene
Concen: 0.559 ug/L
RT: 11.210 min Scan# 3161
Delta R.T. 0.006 min
Lab File: VV036353.D
Acq: 28 Jun 2024 16:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 5628

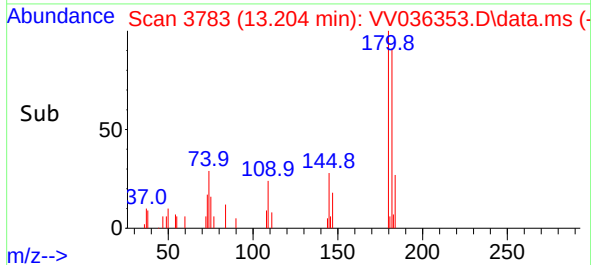
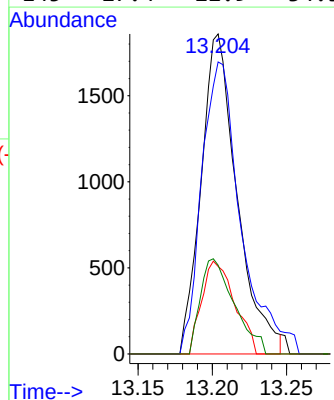
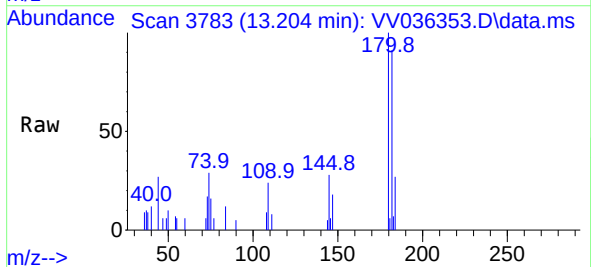
Ion	Ratio	Lower	Upper
146	100		
111	44.0	27.5	51.1
148	65.0	44.0	81.8

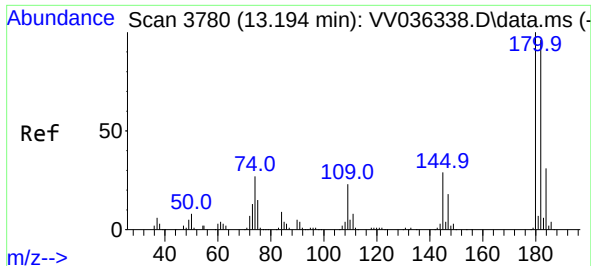


#69
1,3,5-Trichlorobenzene
Concen: 0.442 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.627 min
Lab File: VV036353.D
Acq: 28 Jun 2024 16:32

Tgt Ion:180 Resp: 3130

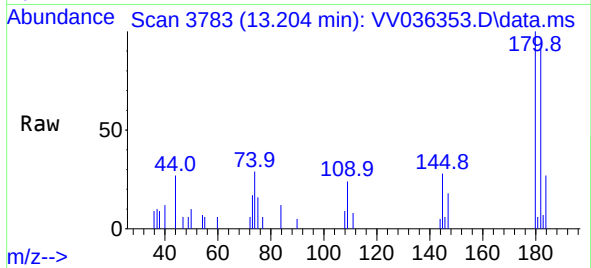
Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.2	114.4
184	26.5	23.3	34.9
145	27.4	22.9	34.3



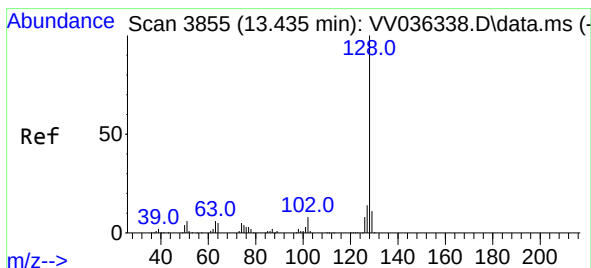
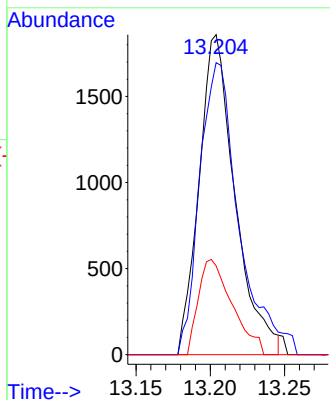
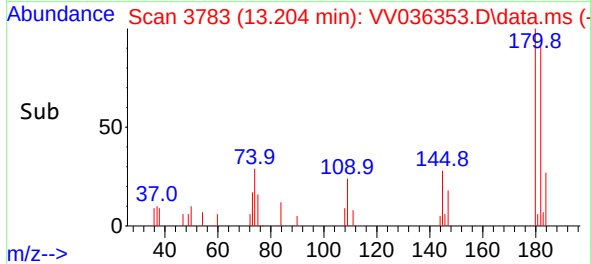


#70
1,2,4-trichlorobenzene
Concen: 0.555 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV036353.D
Acq: 28 Jun 2024 16:32

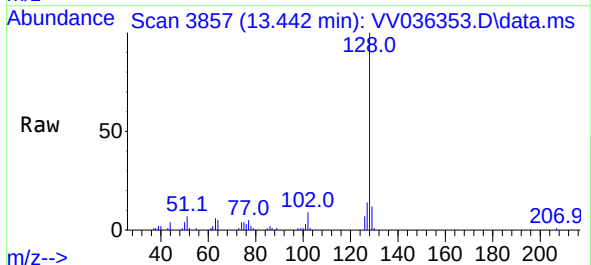
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 3130
Ion Ratio Lower Upper
180 100
182 98.9 76.1 114.1
145 27.4 23.8 35.8



#71
Naphthalene
Concen: 3.320 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.006 min
Lab File: VV036353.D
Acq: 28 Jun 2024 16:32



Tgt Ion:128 Resp: 33400
Ion Ratio Lower Upper
128 100
127 14.2 10.8 16.2
129 10.5 8.6 13.0

