Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036500.D
Acq On : 12 Jul 2024 12:00
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 13 04:08:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	306344	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	314710	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	138633	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	109605	24.973	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.880%			
7) Chloroethane-d5	1.526	69	94009	24.499	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.000%			
11) 1,1-Dichloroethene-d2	2.050	65	54723	24.281	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.120%			
21) 2-Butanone-d5	3.857	46	12402	16.510	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 33.020%			
24) Chloroform-d	4.243	84	206224	23.127	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.520%			
26) 1,2-Dichloroethane-d4	4.937	65	103843	23.480	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.920%			
32) Benzene-d6	4.953	84	387414	24.675	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.720%			
36) 1,2-Dichloropropane-d6	5.986	67	113851	24.332	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.320%			
41) Toluene-d8	7.239	98	341426	23.568	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.280%			
43) trans-1,3-Dichloroprop...	7.551	79	43207	22.210	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.840%			
47) 2-Hexanone-d5	8.034	63	18096	34.821	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.640%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	86636	21.984	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.920%			
66) 1,2-Dichlorobenzene-d4	11.558	152	129816	27.593	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.360%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2139	0.408	ug/L #	21
16) Methylene chloride	2.442	84	25153	3.994	ug/L	95
25) Chloroform	4.272	83	6258	0.708	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	9633	1.177	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	9318	1.060	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	4896	0.622	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.201	180	4793	0.756	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	4793	0.951	ug/L	99
71) Naphthalene	13.439	128	32472	4.288	ug/L	99

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

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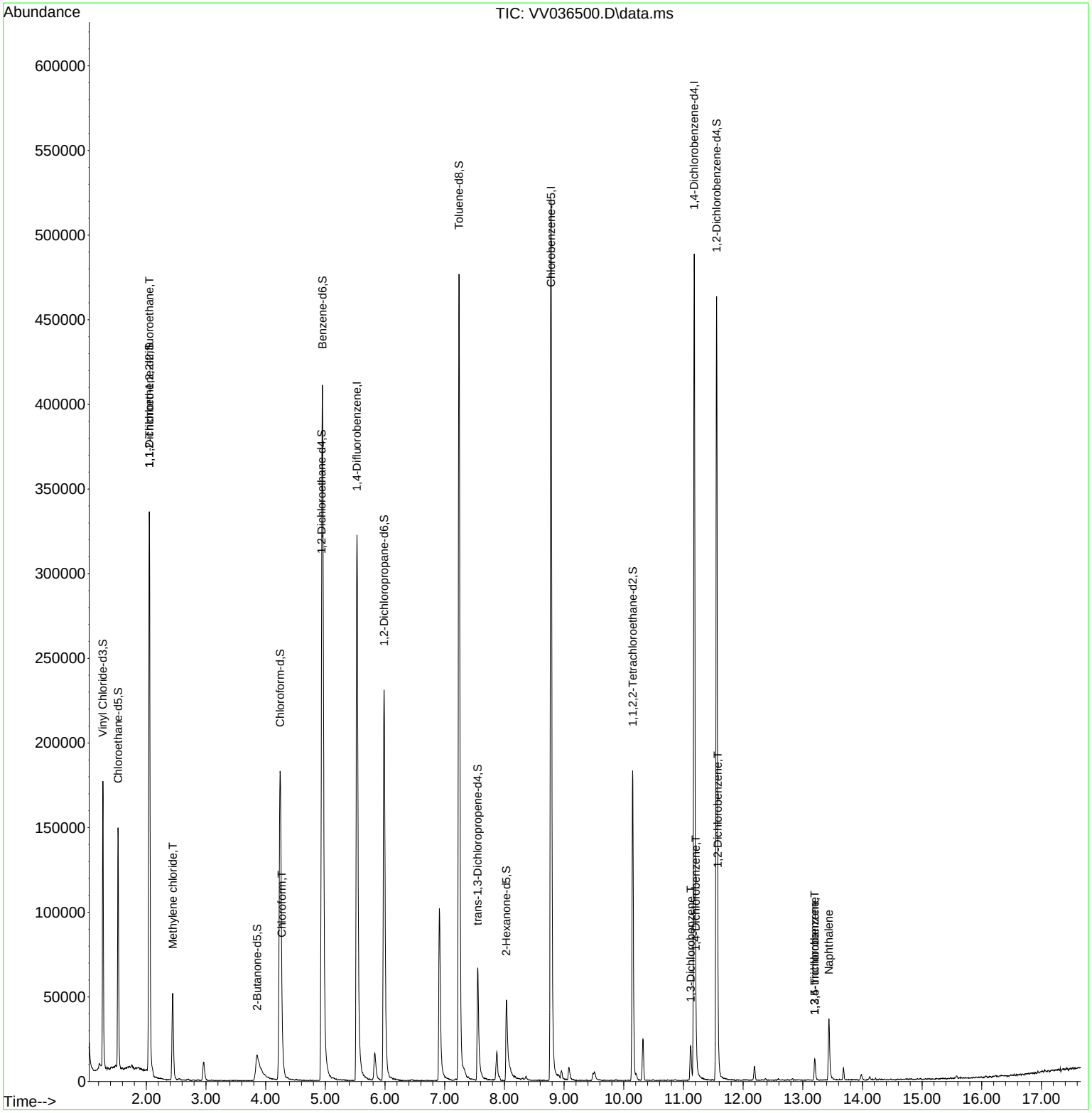
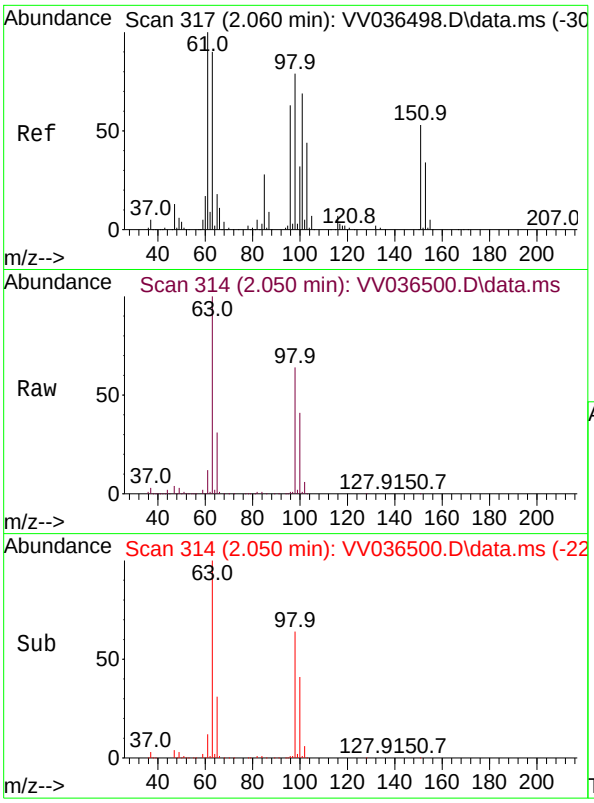
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration



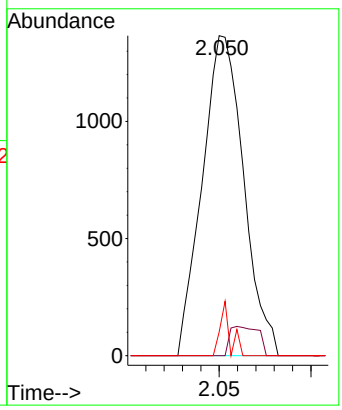


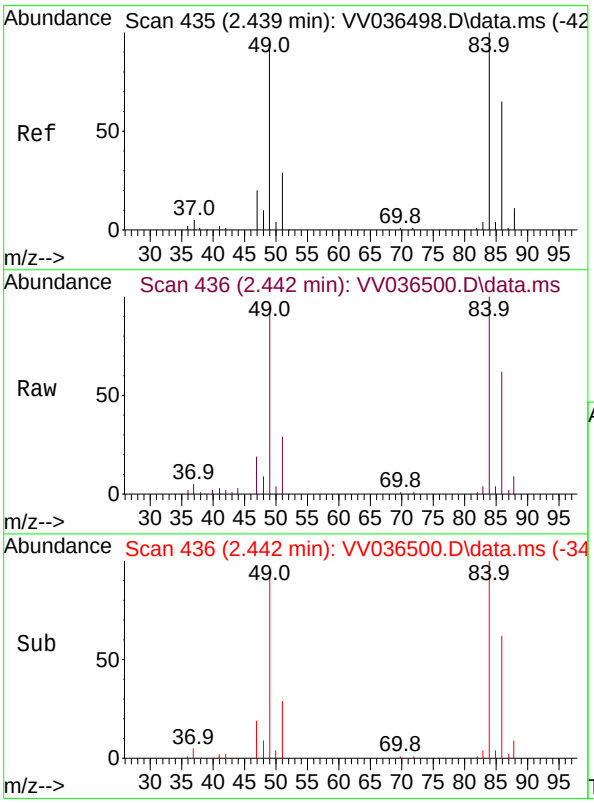
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.408 ug/L
RT: 2.050 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 2139

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	3.0	62.6	94.0#

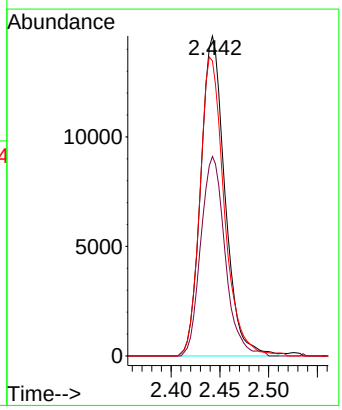


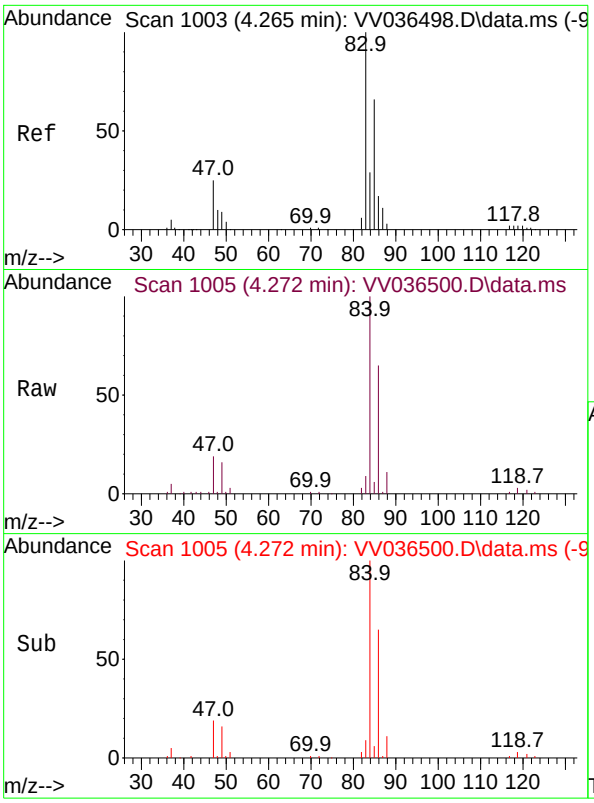


#16
Methylene chloride
Concen: 3.994 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Tgt Ion: 84 Resp: 25153

Ion	Ratio	Lower	Upper
84	100		
86	62.3	46.3	86.1
49	92.2	68.1	126.5



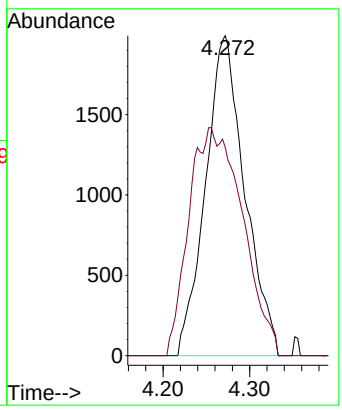


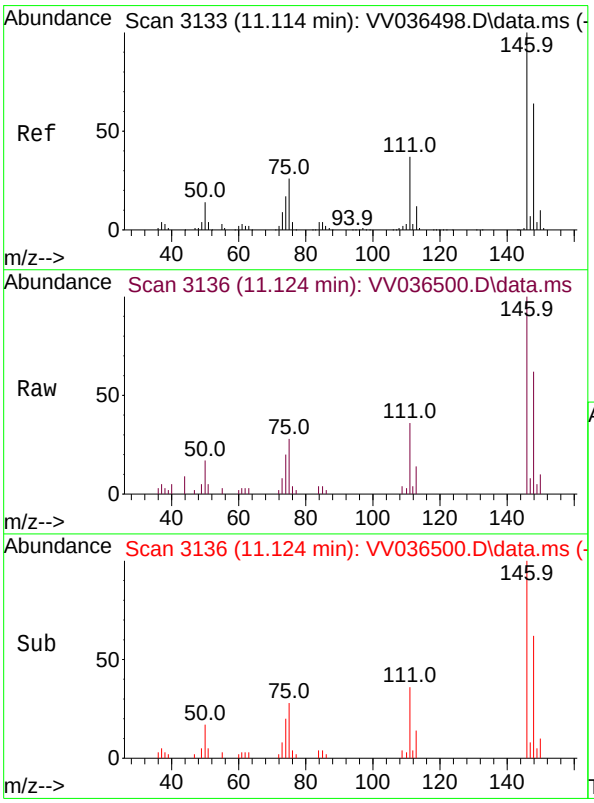
#25
Chloroform
Concen: 0.708 ug/L
RT: 4.272 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 6258

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.6	84.6

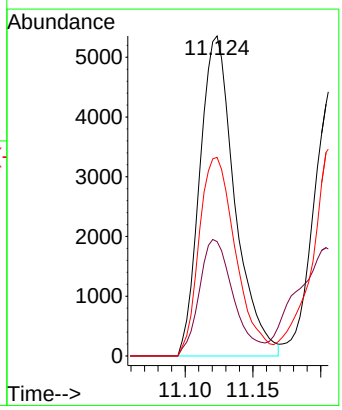


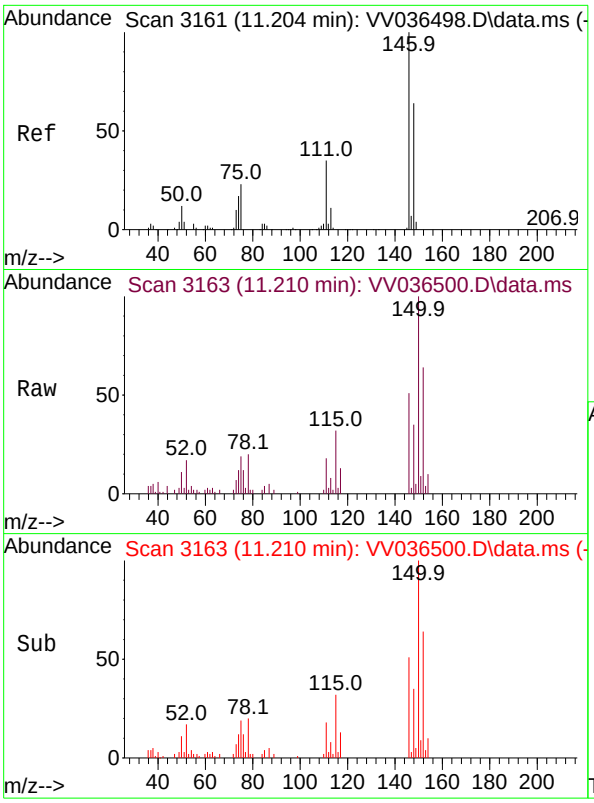


#64
1,3-Dichlorobenzene
Concen: 1.177 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Tgt Ion:146 Resp: 9633

Ion	Ratio	Lower	Upper
146	100		
111	35.8	25.8	47.8
148	62.0	44.4	82.4



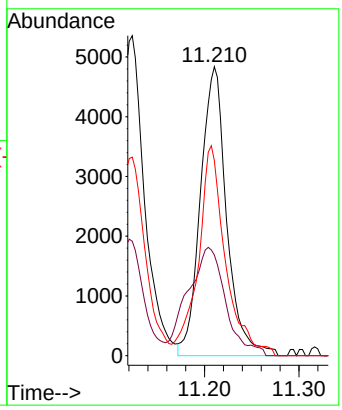


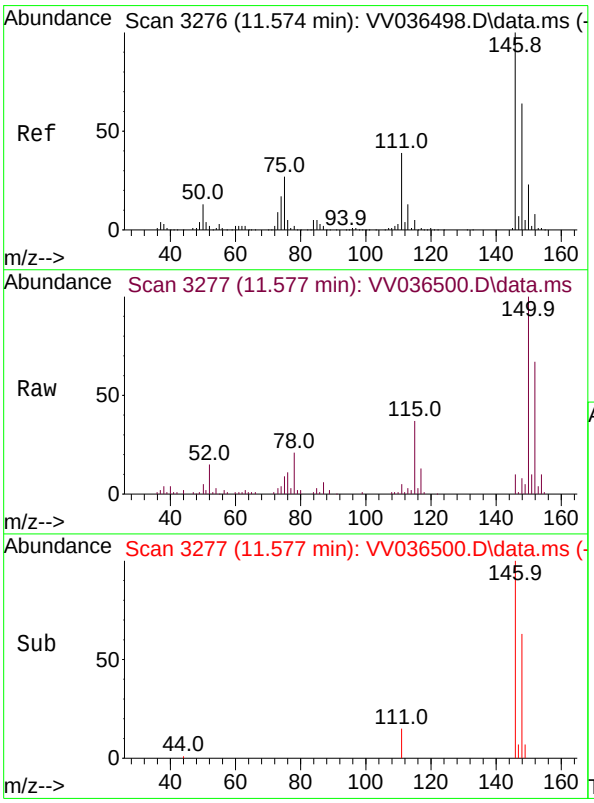
#65
1,4-Dichlorobenzene
Concen: 1.060 ug/L
RT: 11.210 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 9318

Ion	Ratio	Lower	Upper
146	100		
111	34.9	25.2	46.8
148	67.5	45.2	84.0

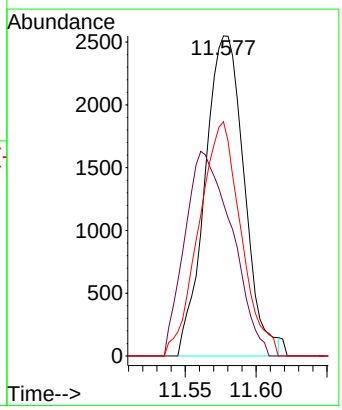


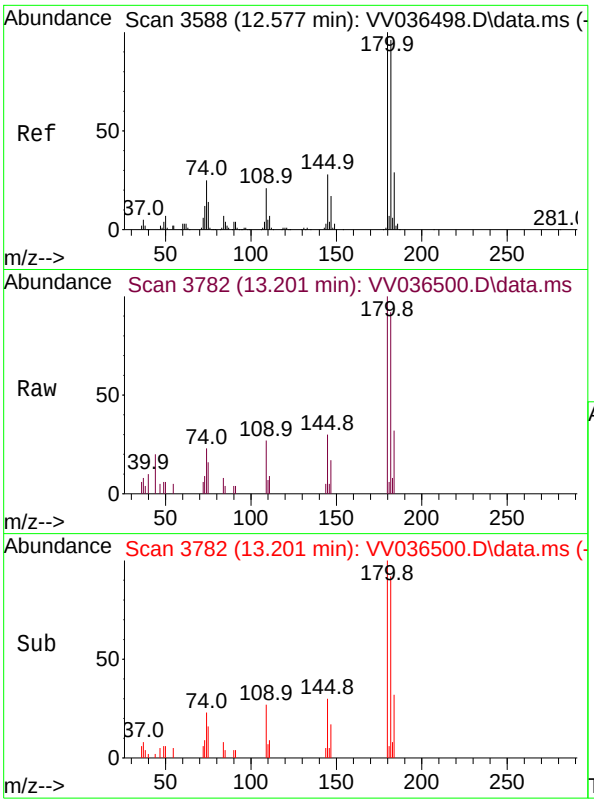


#67
1,2-Dichlorobenzene
Concen: 0.622 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Tgt Ion:146 Resp: 4896

Ion	Ratio	Lower	Upper
146	100		
111	47.6	30.8	46.2#
148	73.2	51.3	76.9



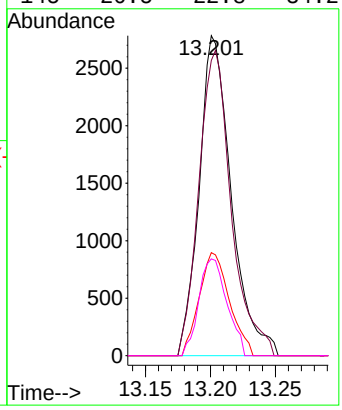


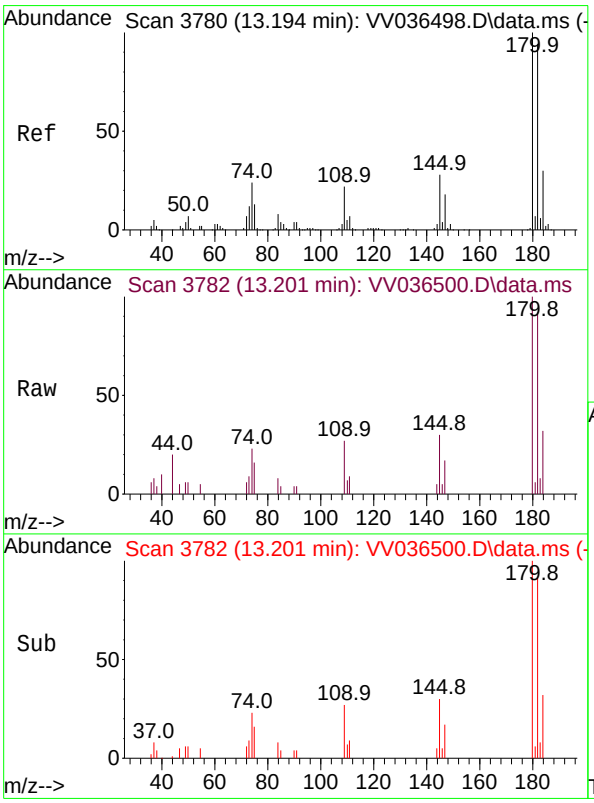
#69
1,3,5-Trichlorobenzene
Concen: 0.756 ug/L
RT: 13.201 min Scan# 3
Delta R.T. 0.624 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 4793

Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.4	116.0
184	30.3	24.4	36.6
145	26.5	22.8	34.2

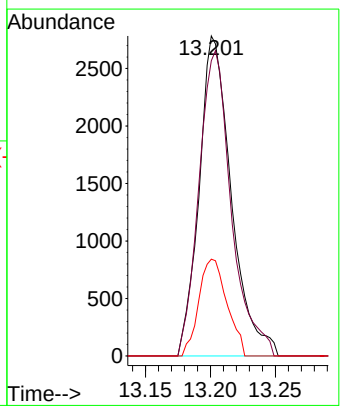


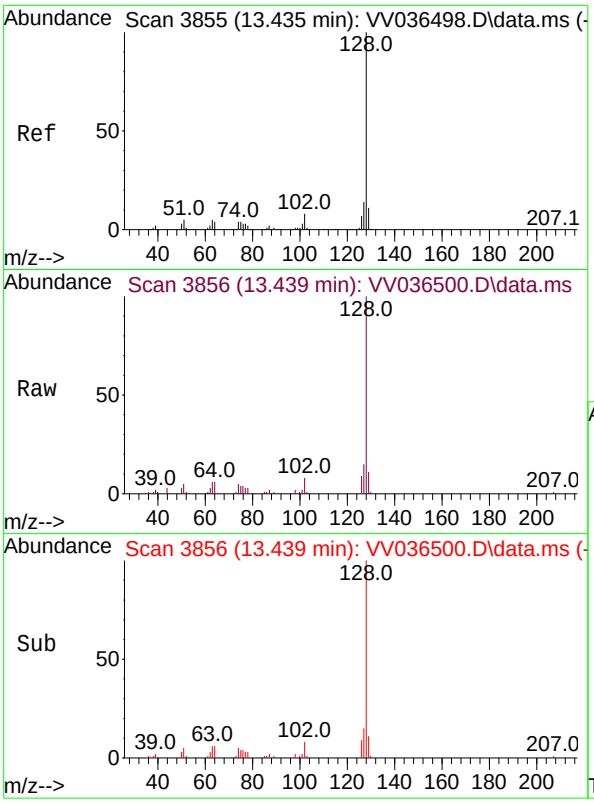


#70
1,2,4-trichlorobenzene
Concen: 0.951 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.006 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Tgt Ion:180 Resp: 4793

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
145	26.5	23.0	34.6





#71
Naphthalene
Concen: 4.288 ug/L
RT: 13.439 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 32472

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.8	16.2
129	11.1	8.6	13.0