Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035430.D
Acq On : 26 Apr 2024 16:28
Operator : SY/MD
Sample : P2280-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 27 00:35:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:18:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	534520	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	528712	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	228082	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	189064	44.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.020%			
7) Chloroethane-d5	1.532	69	151762	61.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 123.320%			
11) 1,1-Dichloroethene-d2	2.056	65	78654	44.799	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.600%			
21) 2-Butanone-d5	3.802	46	208336	94.629	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.630%			
24) Chloroform-d	4.246	84	324275	44.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.720%			
26) 1,2-Dichloroethane-d4	4.940	65	197817	46.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.980%			
32) Benzene-d6	4.957	84	651979	46.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.840%			
36) 1,2-Dichloropropane-d6	5.985	67	205875	48.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.060%			
41) Toluene-d8	7.239	98	558492	44.597	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.200%			
43) trans-1,3-Dichloroprop...	7.551	79	90011	44.885	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.760%			
47) 2-Hexanone-d5	8.030	63	108181	87.538	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.540%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	282273	46.199	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.400%			
66) 1,2-Dichlorobenzene-d4	11.558	152	207812	52.077	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.160%			
Target Compounds						Qvalue
13) Acetone	2.134	43	9815	3.752	ug/L	99
25) Chloroform	4.275	83	53170	7.319	ug/L	100
38) Bromodichloromethane	6.442	83	10143	1.902	ug/L	95
48) 2-Hexanone	8.088	43	30679	7.651	ug/L #	89
51) Chlorobenzene	8.815	112	12272	1.174	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	16192	2.277	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	18771	2.733	ug/L	100
69) 1,3,5-Trichlorobenzene	13.201	180	9699	2.019	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	9699	2.544	ug/L	97

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

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Instrument :
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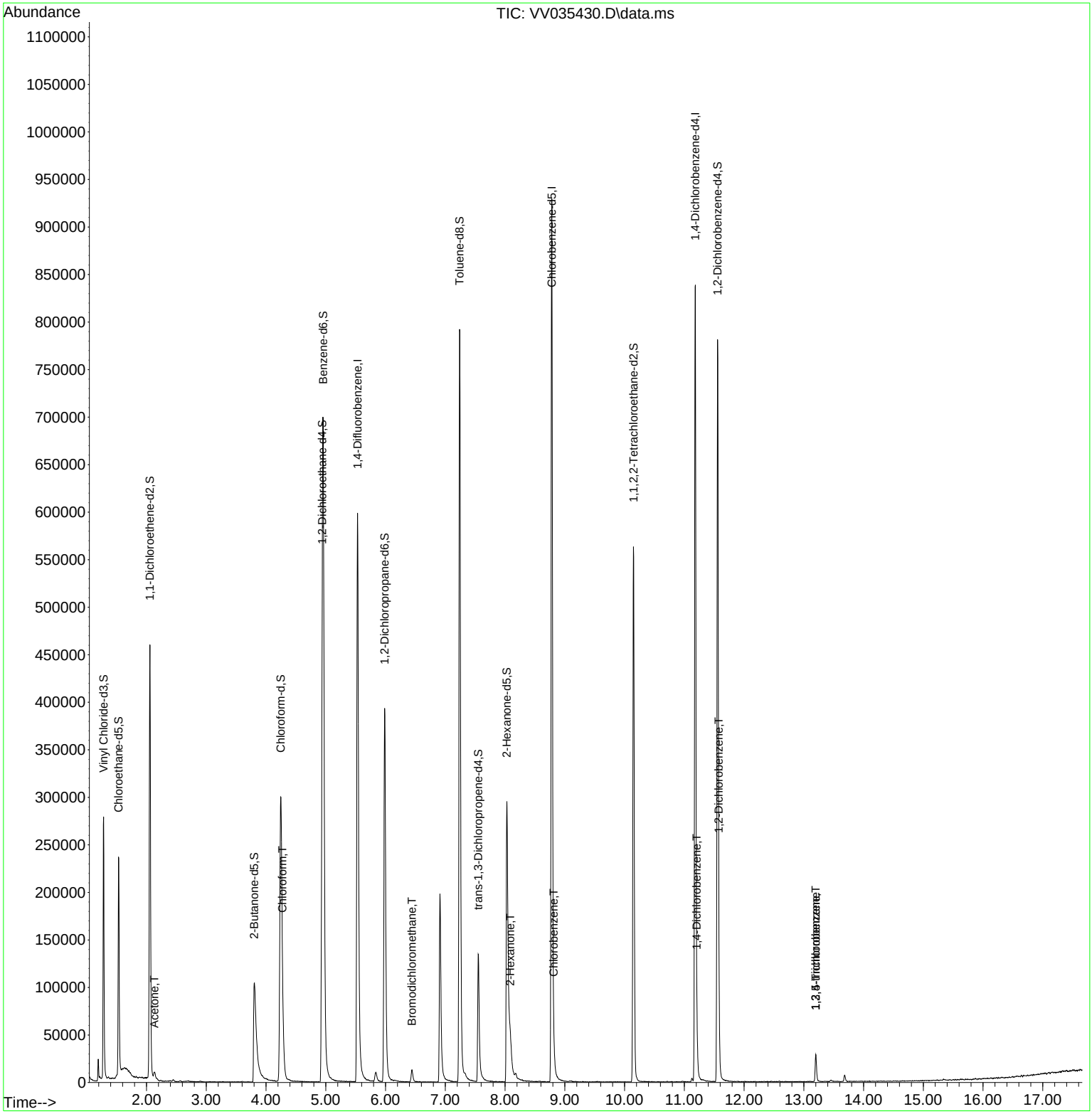
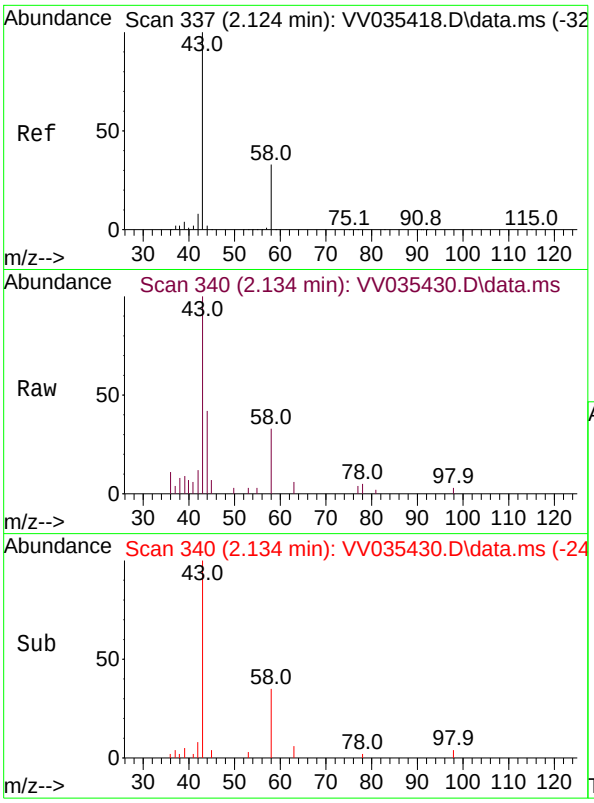
ClientSampleId :

Quant Time: Apr 27 00:35:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:18:54 2024
Response via : Initial Calibration



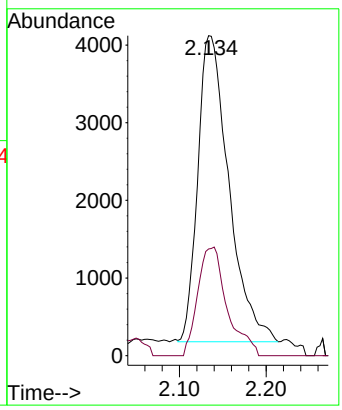


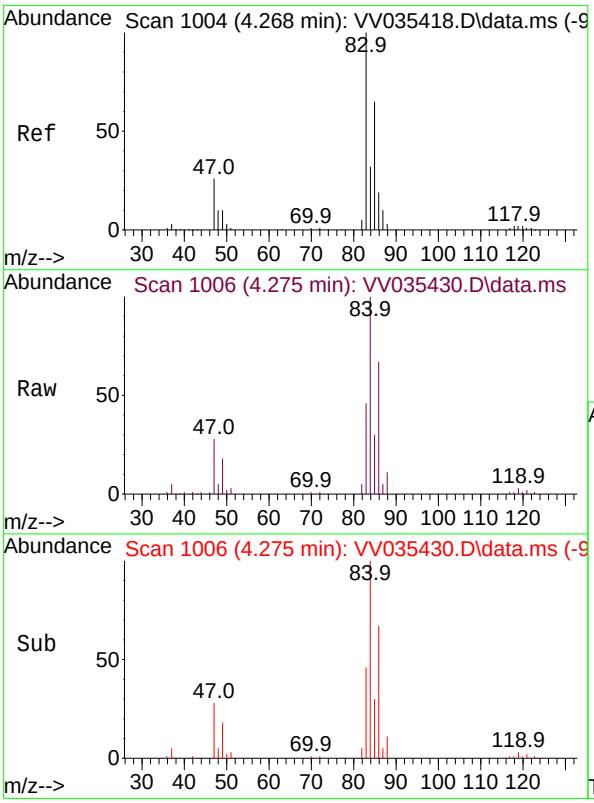
#13
Acetone
Concen: 3.752 ug/L
RT: 2.134 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 9815

Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	65.8

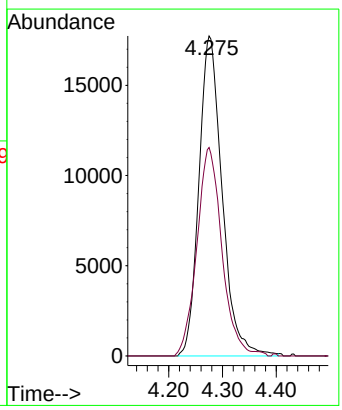


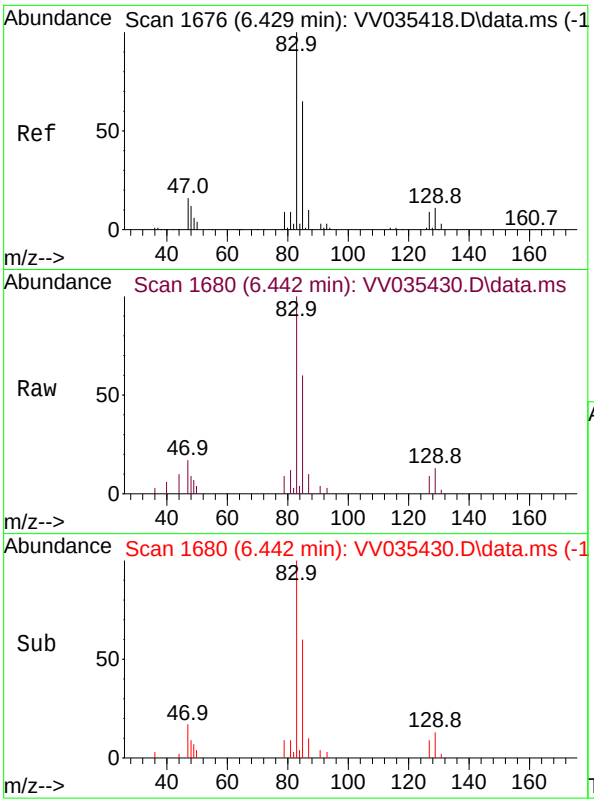


#25
Chloroform
Concen: 7.319 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Tgt Ion: 83 Resp: 53170

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.6	84.6



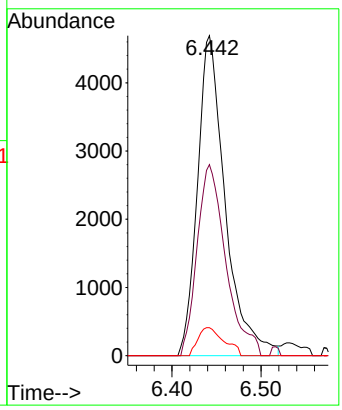


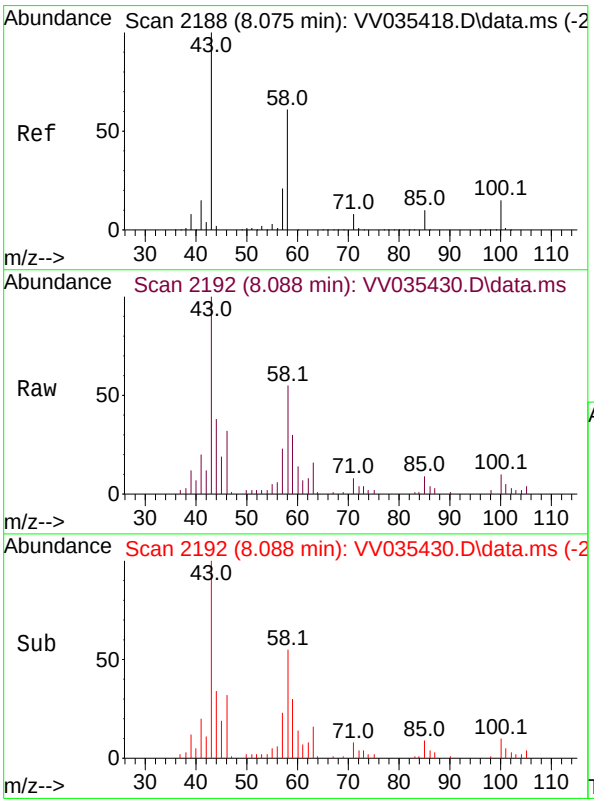
#38
Bromodichloromethane
Concen: 1.902 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10143

Ion	Ratio	Lower	Upper
83	100		
85	59.7	45.1	83.9
127	8.8	7.0	10.4

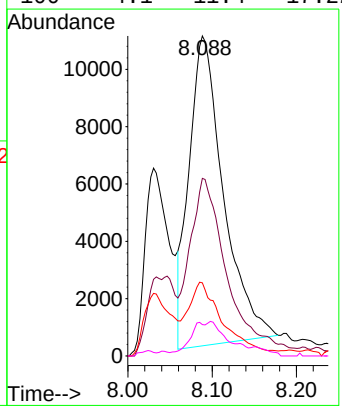


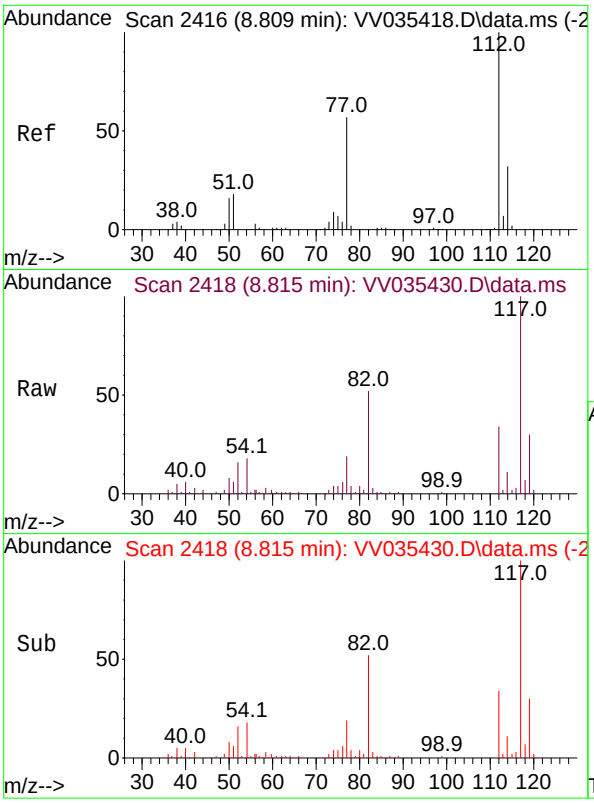


#48
2-Hexanone
Concen: 7.651 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.013 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Tgt Ion: 43 Resp: 30679

Ion	Ratio	Lower	Upper
43	100		
58	52.9	49.4	74.0
57	21.4	17.1	25.7
100	4.1	11.4	17.2#



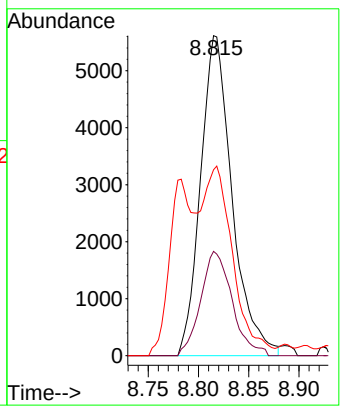


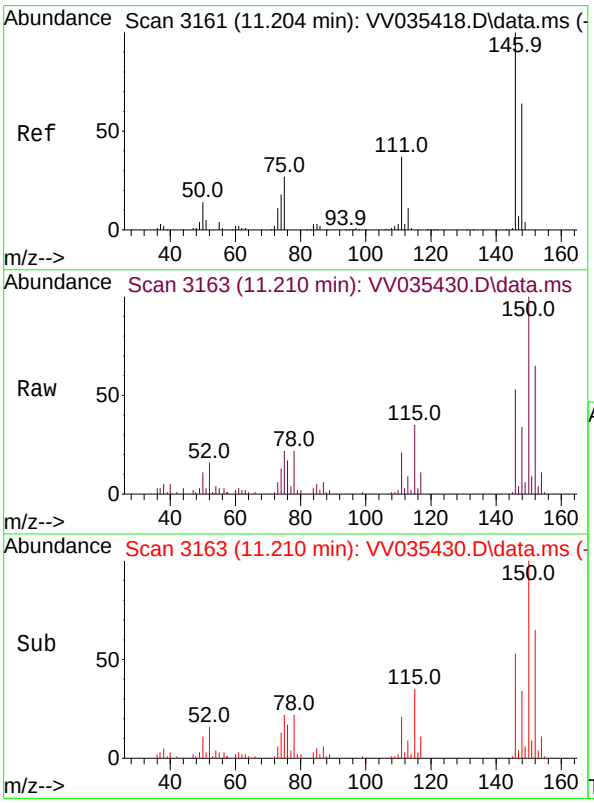
#51
Chlorobenzene
Concen: 1.174 ug/L
RT: 8.815 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 12272

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.4	41.6
77	58.1	45.6	68.4

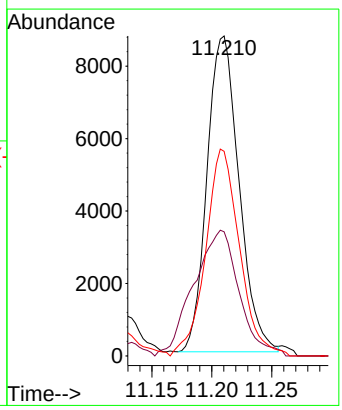


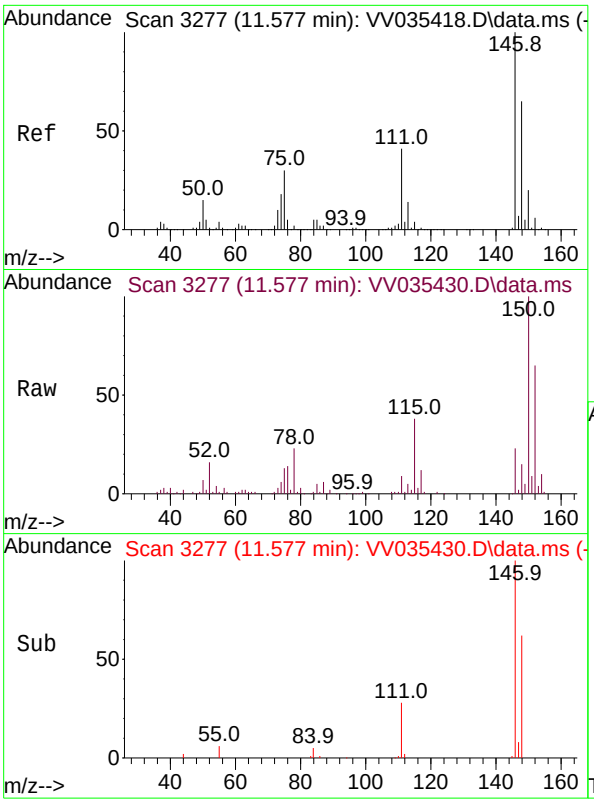


#65
1,4-Dichlorobenzene
Concen: 2.277 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Tgt Ion:146 Resp: 16192

Ion	Ratio	Lower	Upper
146	100		
111	38.8	26.5	49.1
148	63.9	45.0	83.6



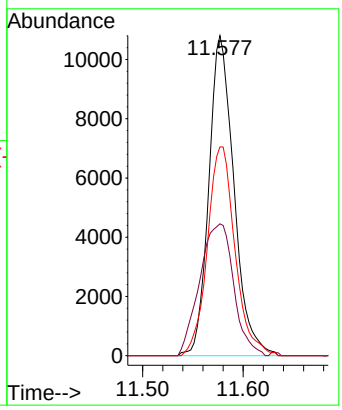


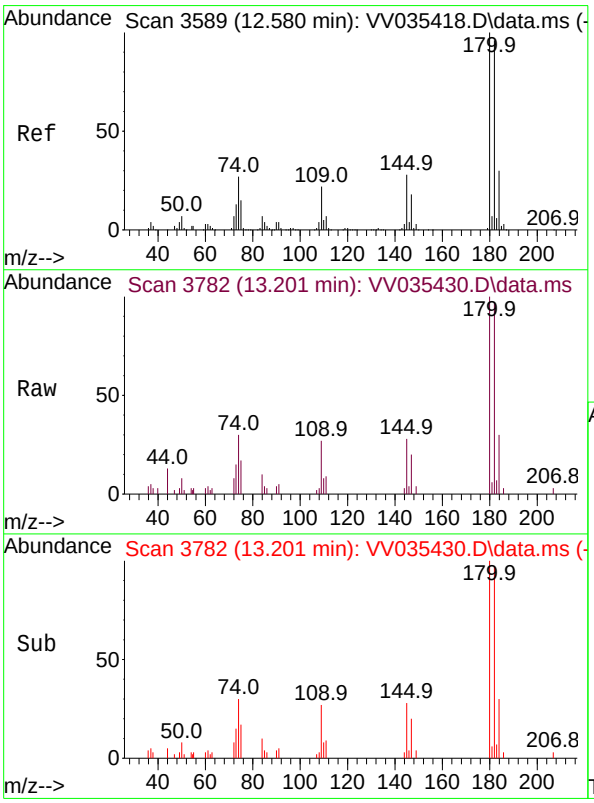
#67
1,2-Dichlorobenzene
Concen: 2.733 ug/L
RT: 11.577 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 18771

Ion	Ratio	Lower	Upper
146	100		
111	41.2	33.3	49.9
148	65.2	52.2	78.2

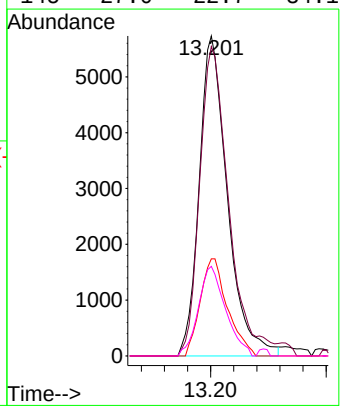


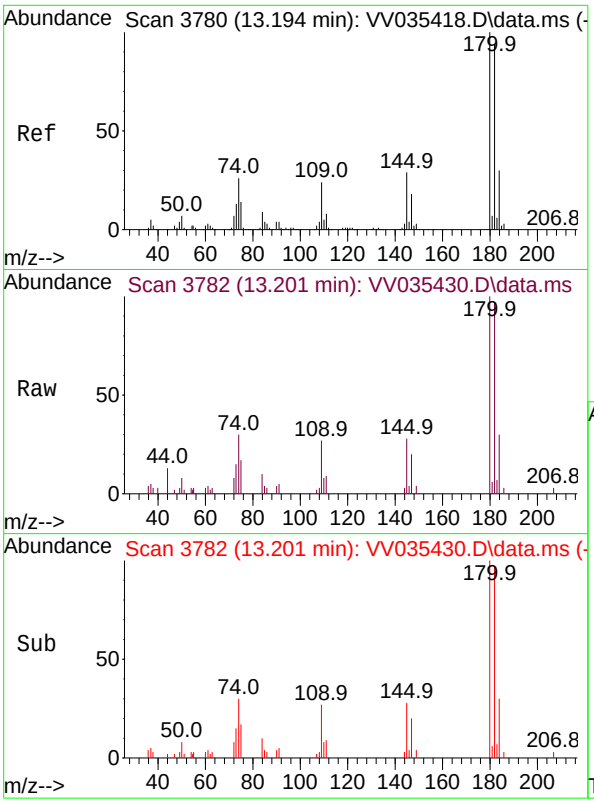


#69
1,3,5-Trichlorobenzene
Concen: 2.019 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.621 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Tgt Ion:180 Resp: 9699

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.2	114.2
184	29.4	23.8	35.6
145	27.0	22.7	34.1





#70
1,2,4-trichlorobenzene
Concen: 2.544 ug/L
RT: 13.201 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 9699

Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.1	112.7
145	27.0	23.2	34.8