Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
Data File : VW031440.D
Acq On : 20 Dec 2024 21:03
Operator : SY/MD
Sample : P5333-19
Misc : 11.21g/10mL/MSVOA_W/SOIL/A
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 20 23:43:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 20 23:42:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	292985	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	96487	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	14083	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	182767	41.460	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 165.840%#			
7) Chloroethane-d5	2.893	69	139974	42.924	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 171.680%#			
11) 1,1-Dichloroethene-d2	4.021	65	56501	27.020	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.080%			
21) 2-Butanone-d5	6.947	46	81	0.098	ug/L	-0.15
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.200%#			
24) Chloroform-d	7.648	84	188121	23.434	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.720%			
26) 1,2-Dichloroethane-d4	8.307	65	115458	28.639	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.560%			
32) Benzene-d6	8.270	84	320823	51.877	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 207.520%#			
36) 1,2-Dichloropropane-d6	9.270	67	89503	49.658	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 198.640%#			
41) Toluene-d8	10.319	98	137943	23.977	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.920%			
43) trans-1,3-Dichloroprop...	10.575	79	15014	18.066	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.280%			
47) 2-Hexanone-d5	10.934	63	1975	8.148	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 16.300%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	37544	33.176	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 132.720%#			
66) 1,2-Dichlorobenzene-d4	13.849	152	9602	18.366	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 73.480%#			
Target Compounds						Qvalue
15) Methyl Acetate	4.698	43	6207	4.727	ug/L #	80
34) Trichloroethene	8.837	95	9209	5.470	ug/L #	3
48) 2-Hexanone	10.959	43	1998	2.977	ug/L #	55
64) 1,3-Dichlorobenzene	13.495	146	438	0.469	ug/L #	72
65) 1,4-Dichlorobenzene	13.568	146	412	0.445	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	254	0.388	ug/L #	80
70) 1,2,4-trichlorobenzene	15.123	180	472	0.868	ug/L #	81
71) Naphthalene	15.367	128	824	0.864	ug/L #	97
72) 1,2,3-Trichlorobenzene	15.549	180	422	0.963	ug/L #	79

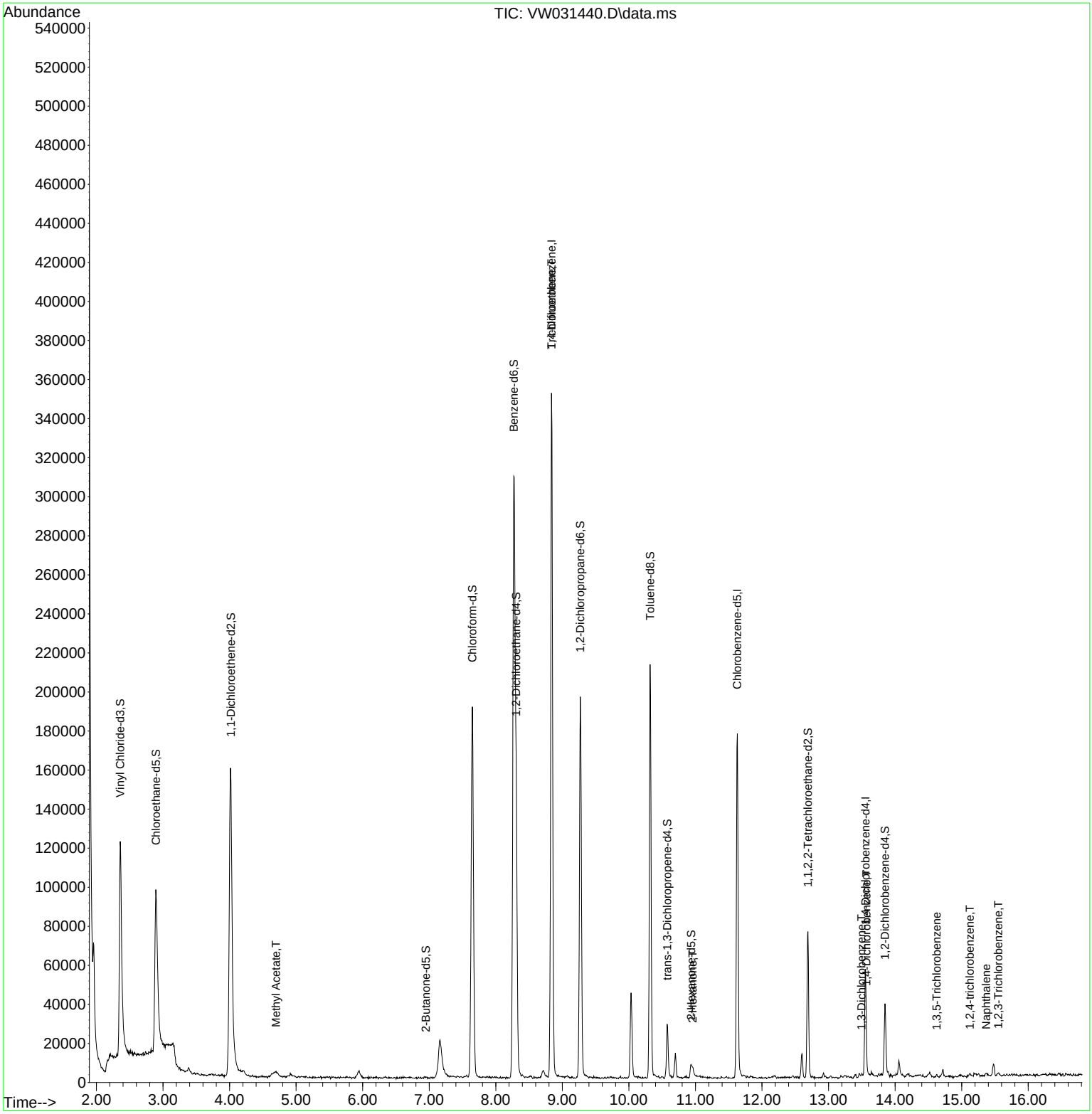
(#) = qualifier out of range (m) = manual integration (+) = signals summed

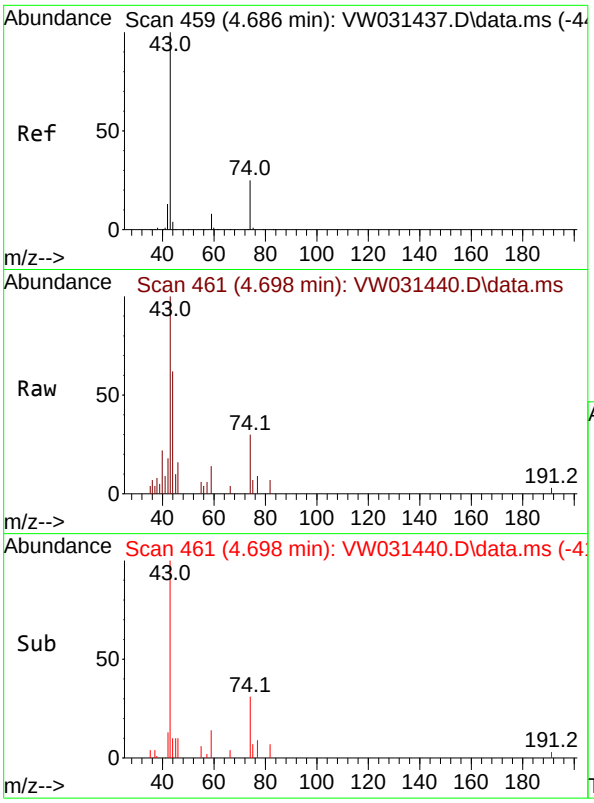
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
Data File : VW031440.D
Acq On : 20 Dec 2024 21:03
Operator : SY/MD
Sample : P5333-19
Misc : 11.21g/10mL/MSVOA_W/SOIL/A
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 20 23:43:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 20 23:42:37 2024
Response via : Initial Calibration



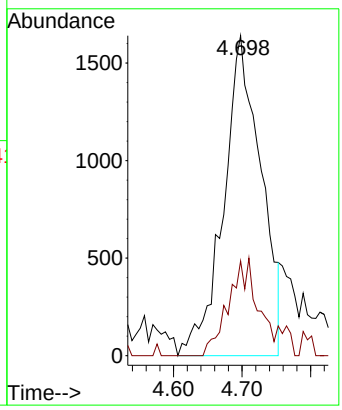


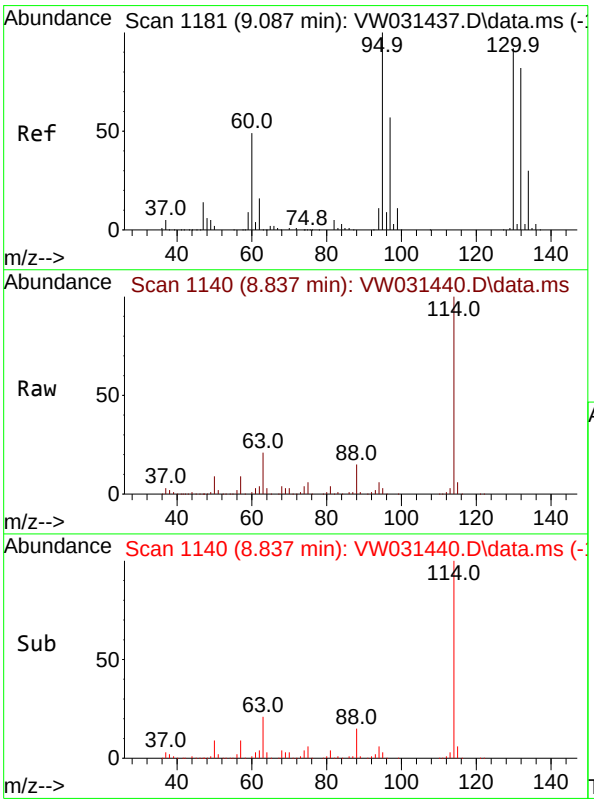
#15
Methyl Acetate
Concen: 4.727 ug/L
RT: 4.698 min Scan# 4
Delta R.T. 0.012 min
Lab File: VW031440.D
Acq: 20 Dec 2024 21:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 6207

Ion	Ratio	Lower	Upper
43	100		
74	14.0	18.9	28.3#

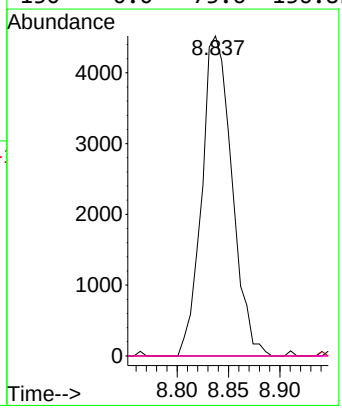


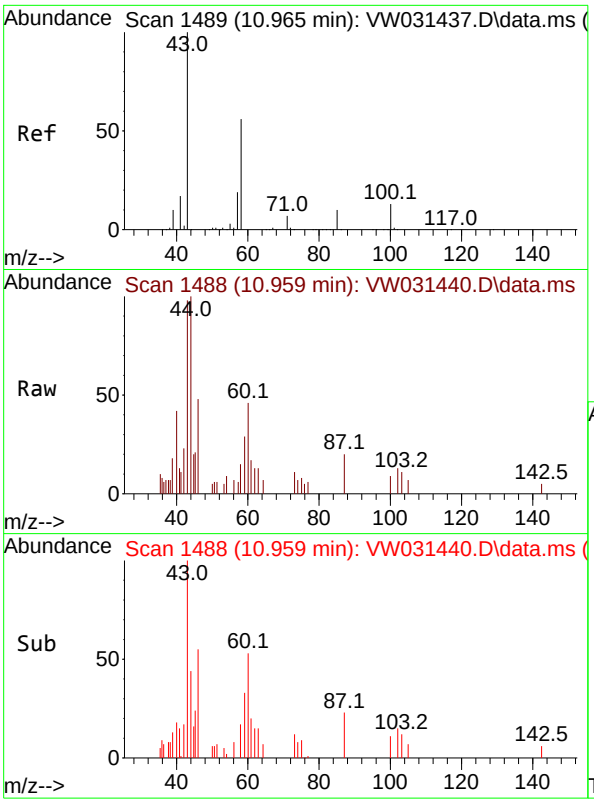


#34
Trichloroethene
Concen: 5.470 ug/L
RT: 8.837 min Scan# 1140
Delta R.T. -0.250 min
Lab File: VW031440.D
Acq: 20 Dec 2024 21:03

Tgt Ion: 95 Resp: 9209

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.5	86.3#
132	0.0	70.3	130.5#
130	0.0	73.6	136.8#



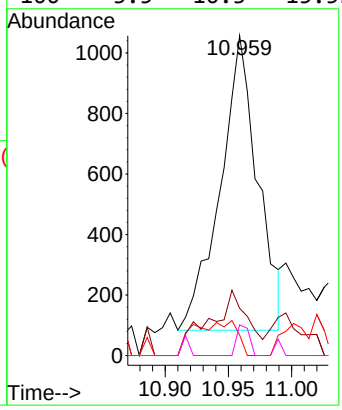


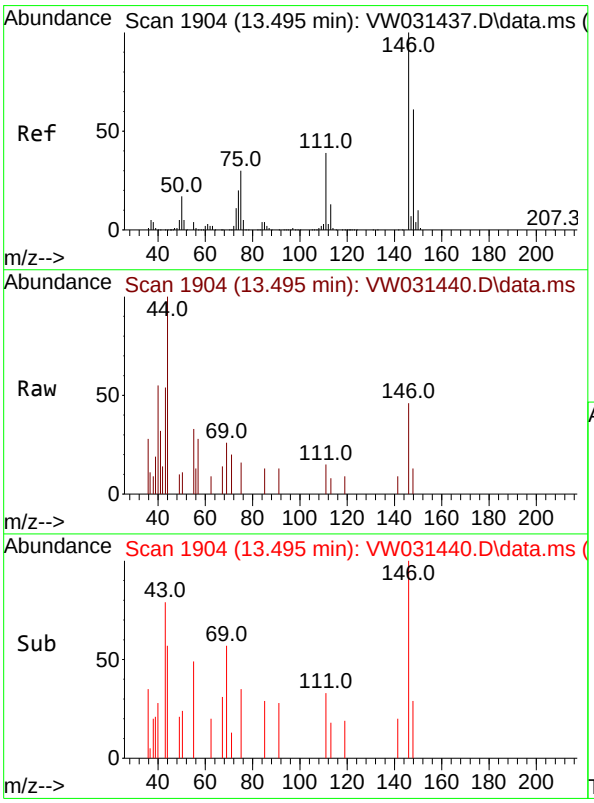
#48
2-Hexanone
Concen: 2.977 ug/L
RT: 10.959 min Scan# 14
Delta R.T. -0.006 min
Lab File: VW031440.D
Acq: 20 Dec 2024 21:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 1998

Ion	Ratio	Lower	Upper
43	100		
58	13.9	43.0	64.6#
57	7.1	15.7	23.5#
100	3.5	10.3	15.5#

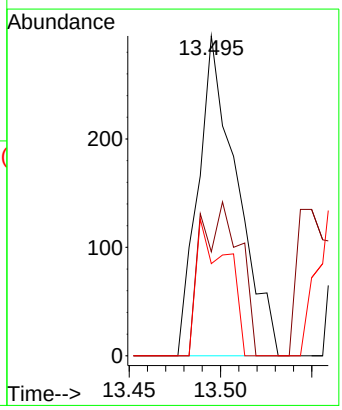


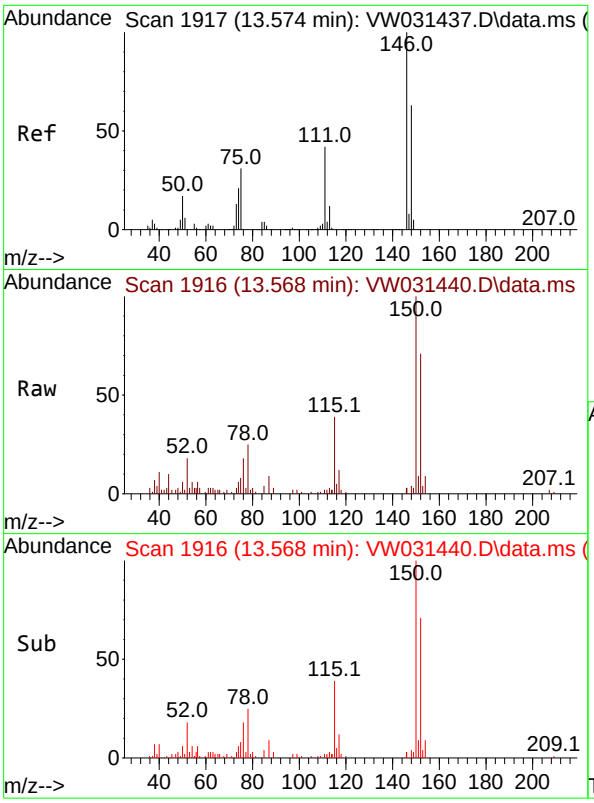


#64
1,3-Dichlorobenzene
Concen: 0.469 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031440.D
Acq: 20 Dec 2024 21:03

Tgt Ion:146 Resp: 438

Ion	Ratio	Lower	Upper
146	100		
111	32.5	27.6	51.2
148	28.8	41.0	76.2#



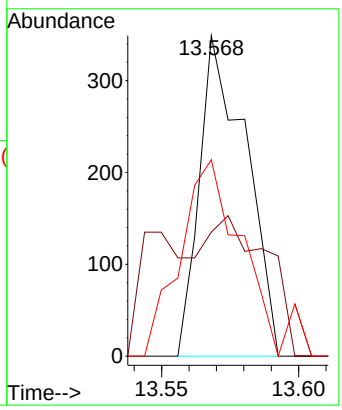


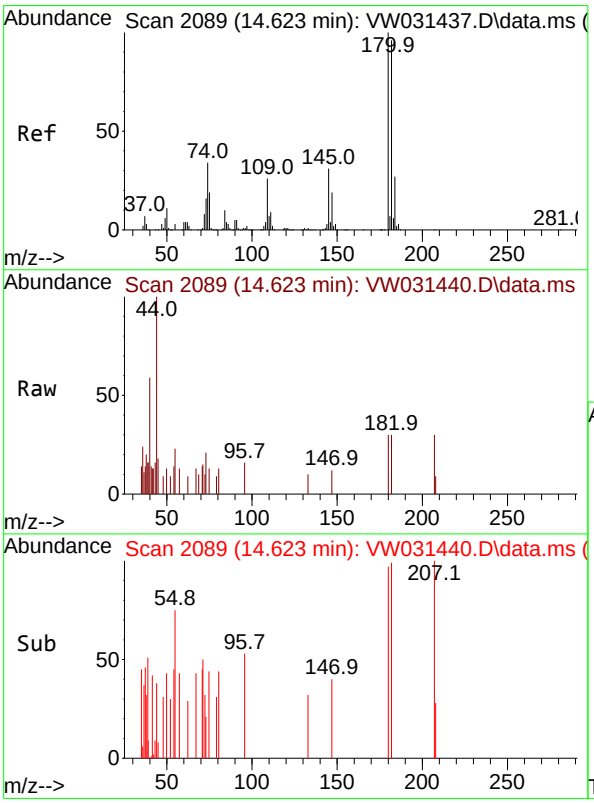
#65
1,4-Dichlorobenzene
Concen: 0.445 ug/L
RT: 13.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031440.D
Acq: 20 Dec 2024 21:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:146 Resp: 412

Ion	Ratio	Lower	Upper
146	100		
111	38.7	30.7	56.9
148	61.3	46.5	86.3

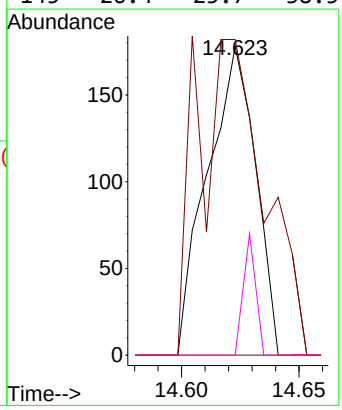


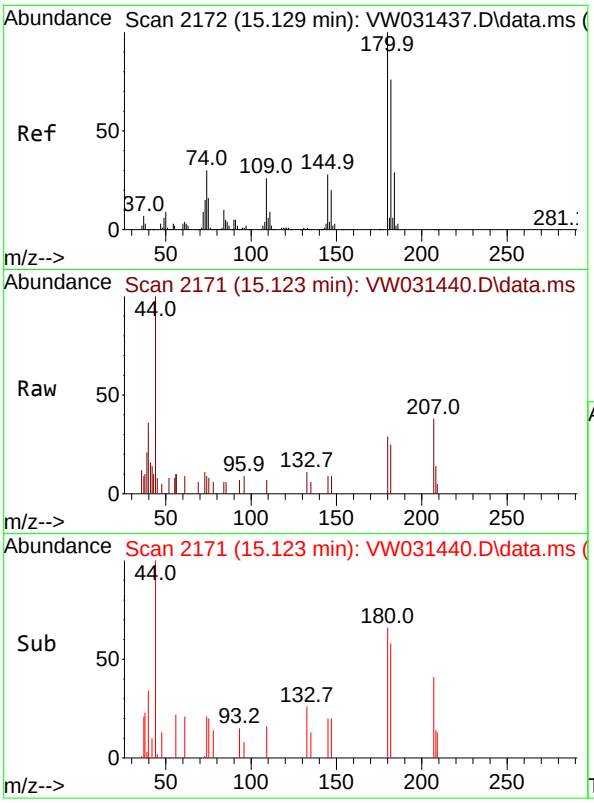


#69
1,3,5-Trichlorobenzene
Concen: 0.388 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031440.D
Acq: 20 Dec 2024 21:03

Tgt Ion:180 Resp: 254

Ion	Ratio	Lower	Upper
180	100		
182	104.7	75.0	112.4
184	0.0	24.6	36.8#
145	26.4	25.7	38.5



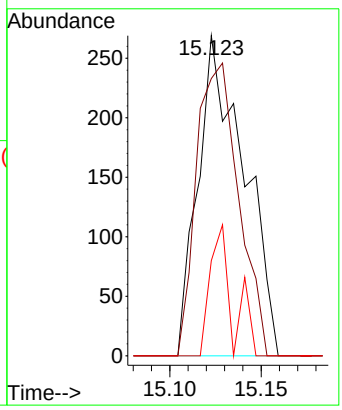


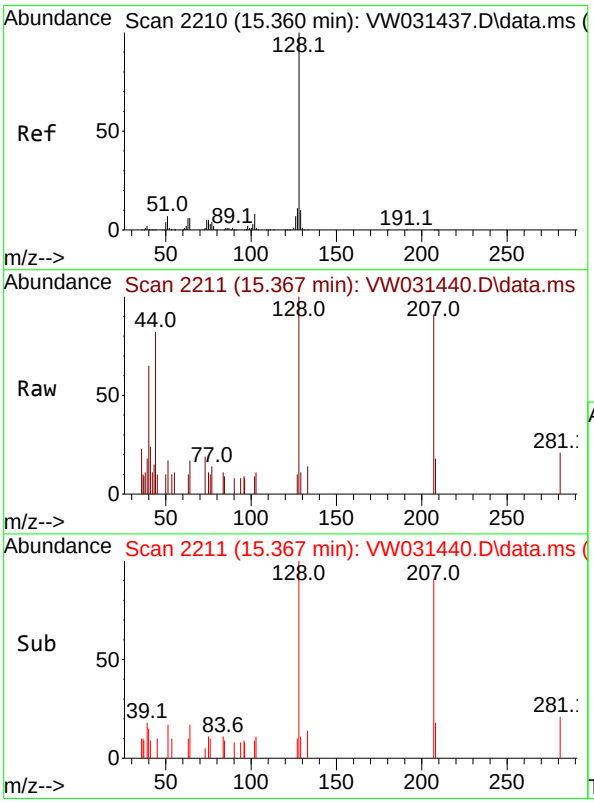
#70
1,2,4-trichlorobenzene
Concen: 0.868 ug/L
RT: 15.123 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW031440.D
Acq: 20 Dec 2024 21:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 472

Ion	Ratio	Lower	Upper
180	100		
182	83.9	78.2	117.2
145	14.6	26.7	40.1#

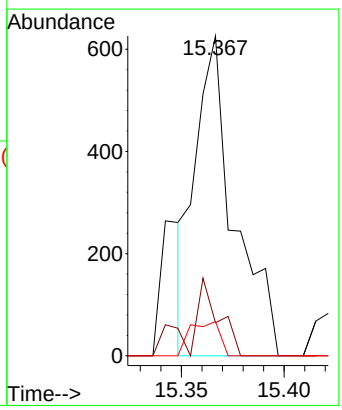


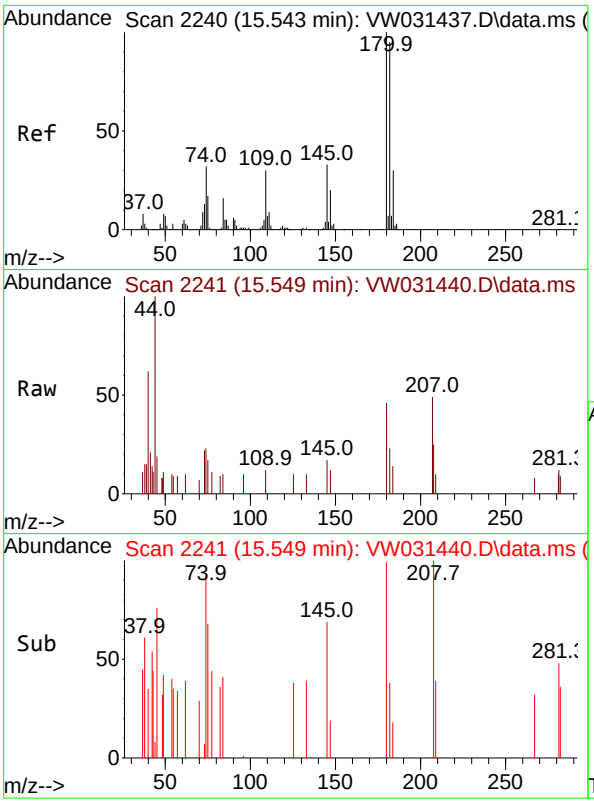


#71
Naphthalene
Concen: 0.864 ug/L
RT: 15.367 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VW031440.D
Acq: 20 Dec 2024 21:03

Tgt Ion:128 Resp: 824

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	8.3	8.6	13.0#





#72
1,2,3-Trichlorobenzene
Concen: 0.963 ug/L
RT: 15.549 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW031440.D
Acq: 20 Dec 2024 21:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 422

Ion	Ratio	Lower	Upper
180	100		
182	66.1	75.0	112.4#
145	33.9	27.8	41.6