Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020323\
Data File : VU052945.D
Acq On : 03 Feb 2023 15:15
Operator : JC/MD
Sample : 01381-10DL 250X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 03 23:47:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 03 23:44:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	214335	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	210404	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106165	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60931	39.497	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.000%			
7) Chloroethane-d5	1.909	69	61020	48.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.000%			
11) 1,1-Dichloroethene-d2	2.559	63	99201	32.330	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.660%			
21) 2-Butanone-d5	4.629	46	76811	80.599	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.600%			
24) Chloroform-d	5.054	84	154711	46.991	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.980%			
26) 1,2-Dichloroethane-d4	5.694	65	101793	48.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.840%			
32) Benzene-d6	5.719	84	286930	44.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.280%			
36) 1,2-Dichloropropane-d6	6.684	67	88009	46.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.360%			
41) Toluene-d8	7.893	98	249711	42.661	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.320%			
43) trans-1,3-Dichloroprop...	8.176	79	41801	44.237	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.480%			
47) 2-Hexanone-d5	8.648	63	52400	79.102	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.100%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	120569	43.285	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.560%			
66) 1,2-Dichlorobenzene-d4	12.192	152	104372	50.631	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.260%			
Target Compounds						Qvalue
34) Trichloroethene	6.536	95	145262	79.796	ug/L	97
37) 1,2-Dichloropropane	6.687	63	10510	5.969	ug/L #	85
51) Chlorobenzene	9.443	112	378505	74.950	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	3367	1.635	ug/L #	14
64) 1,3-Dichlorobenzene	11.742	146	11164	3.227	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	71456	19.953	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	333555	95.327	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.201	75	3131	5.304	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.838	180	3147	1.229	ug/L #	92

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

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Quant Title : VOC Analysis
QLast Update : Fri Feb 03 23:44:08 2023
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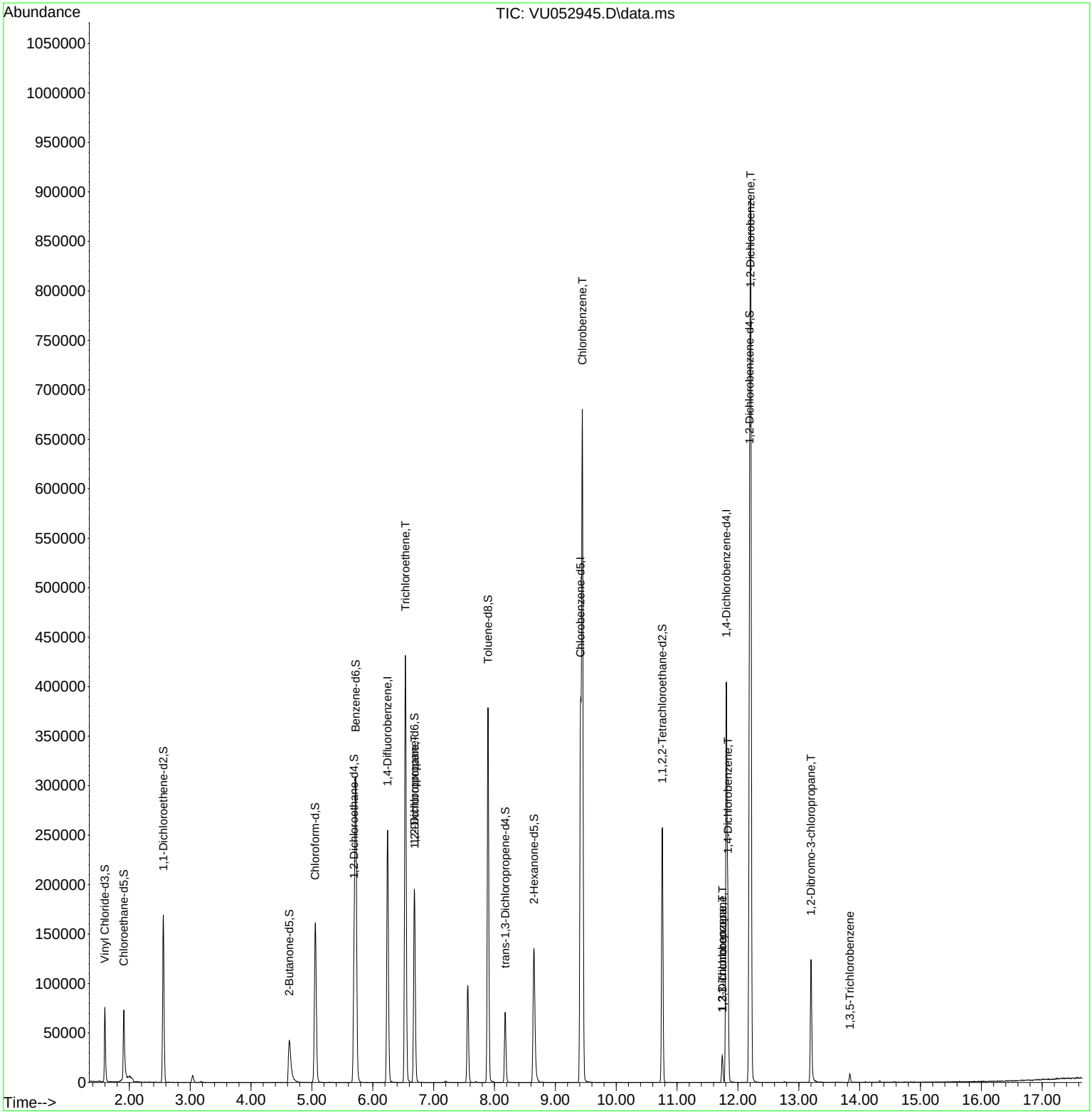
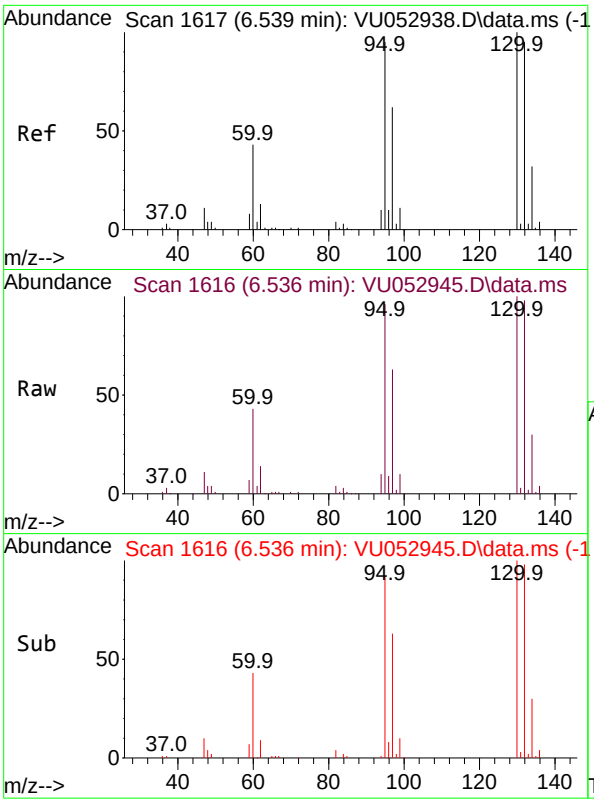


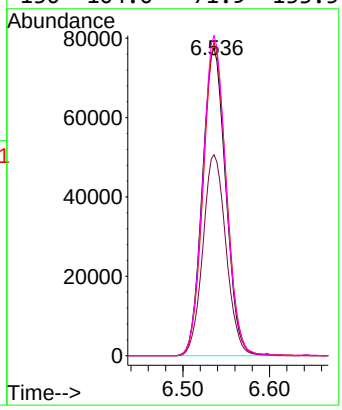


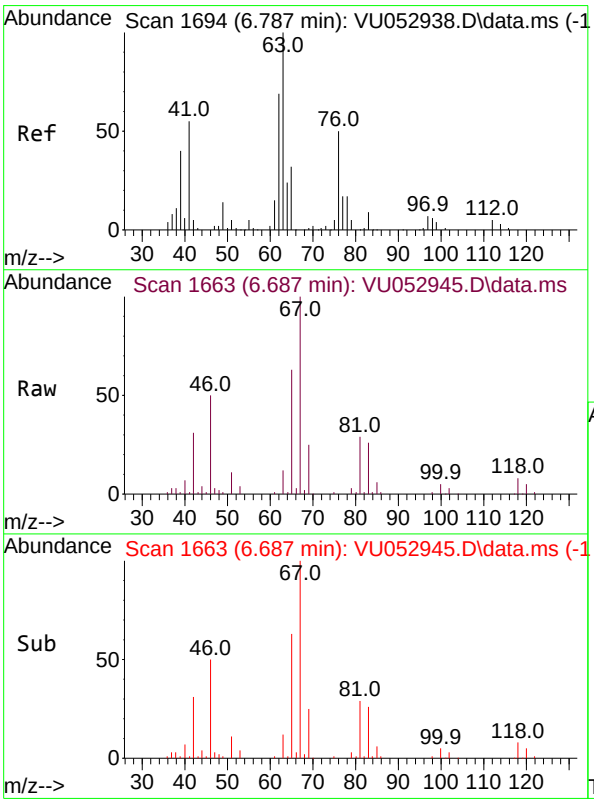
#34
Trichloroethene
Concen: 79.796 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 145262

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.5	82.7
132	101.7	66.8	124.0
130	104.0	71.9	133.5

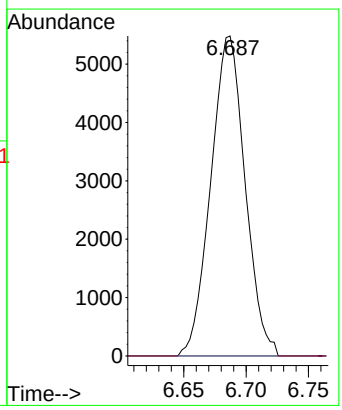


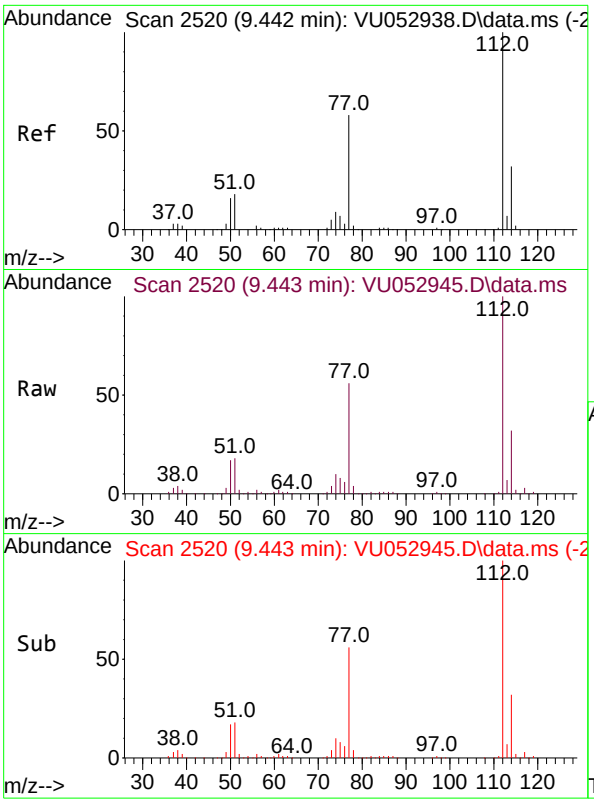


#37
1,2-Dichloropropane
Concen: 5.969 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

Tgt Ion: 63 Resp: 10510

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



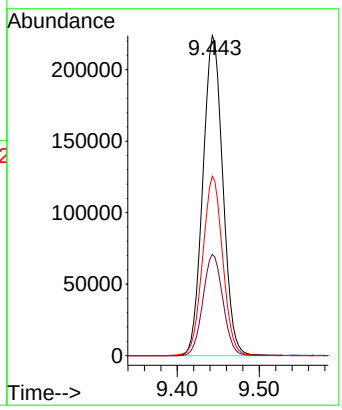


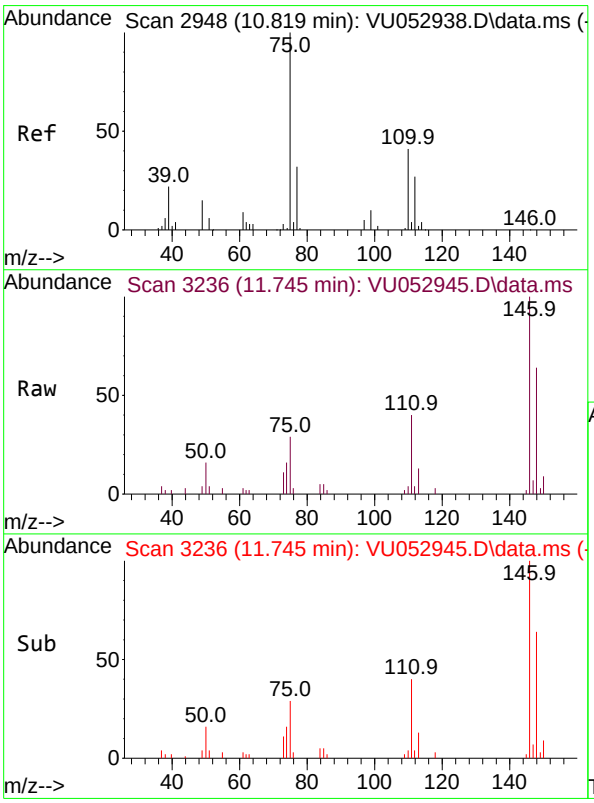
#51
Chlorobenzene
Concen: 74.950 ug/L
RT: 9.443 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 378505

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.8	42.4
77	56.0	45.9	68.9

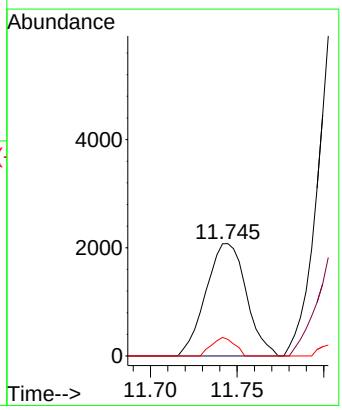


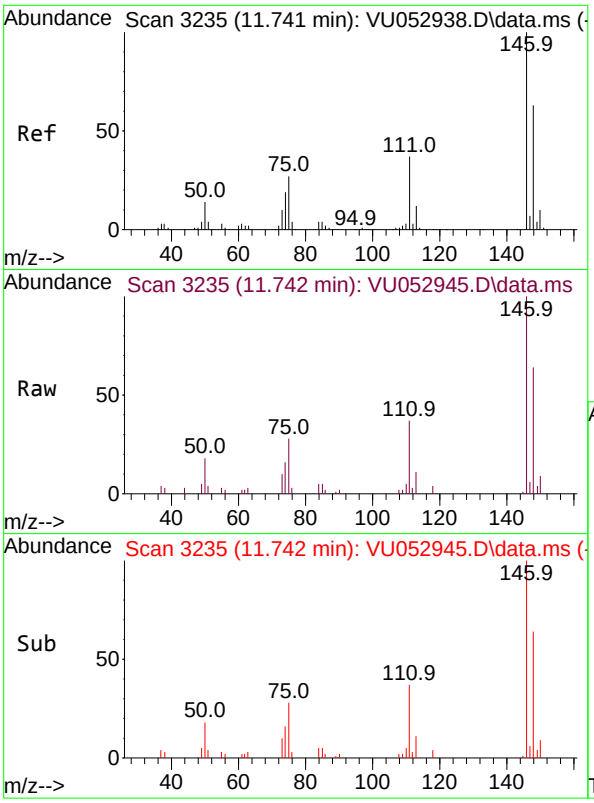


#60
1,2,3-Trichloropropane
Concen: 1.635 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.926 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

Tgt Ion: 75 Resp: 3367

Ion	Ratio	Lower	Upper
75	100		
77	105.6	25.8	38.8#
110	9.3	32.4	48.6#



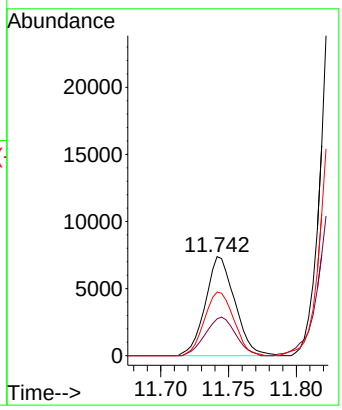


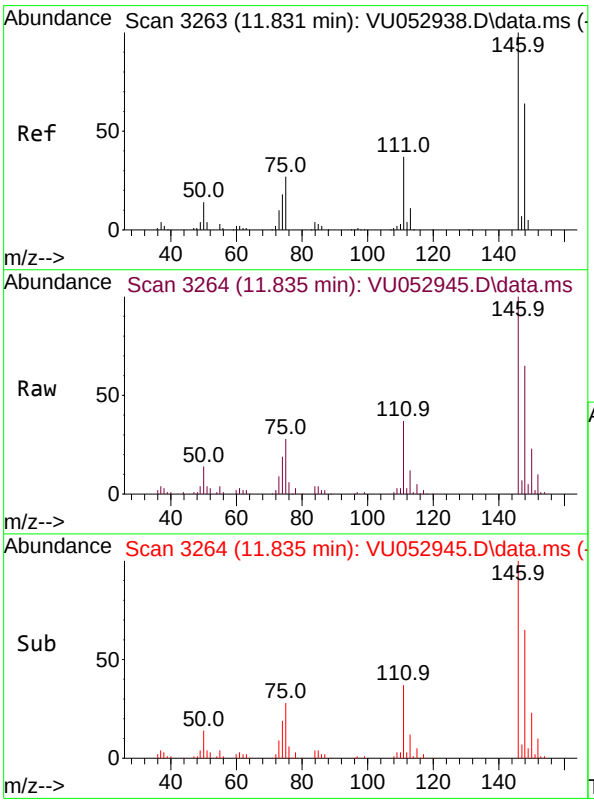
#64
1,3-Dichlorobenzene
Concen: 3.227 ug/L
RT: 11.742 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 11164

Ion	Ratio	Lower	Upper
146	100		
111	39.7	27.8	51.6
148	64.4	45.5	84.5

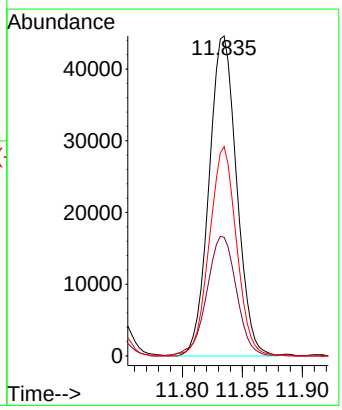


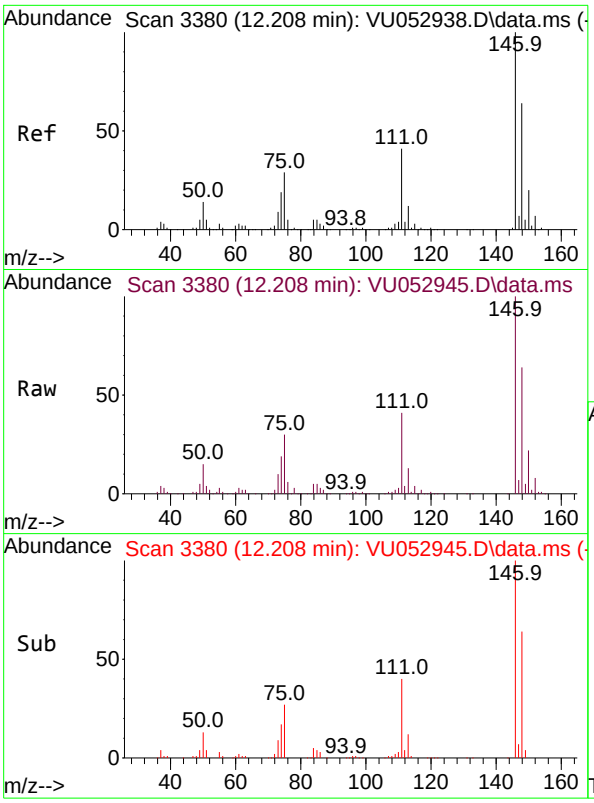


#65
1,4-Dichlorobenzene
Concen: 19.953 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

Tgt Ion:146 Resp: 71456

Ion	Ratio	Lower	Upper
146	100		
111	37.1	26.7	49.7
148	65.4	45.6	84.6



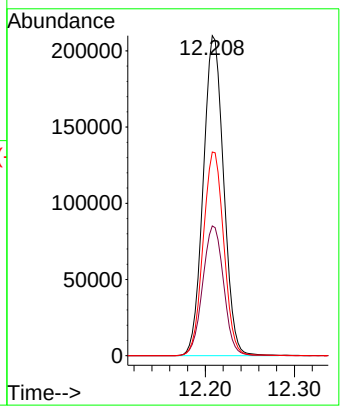


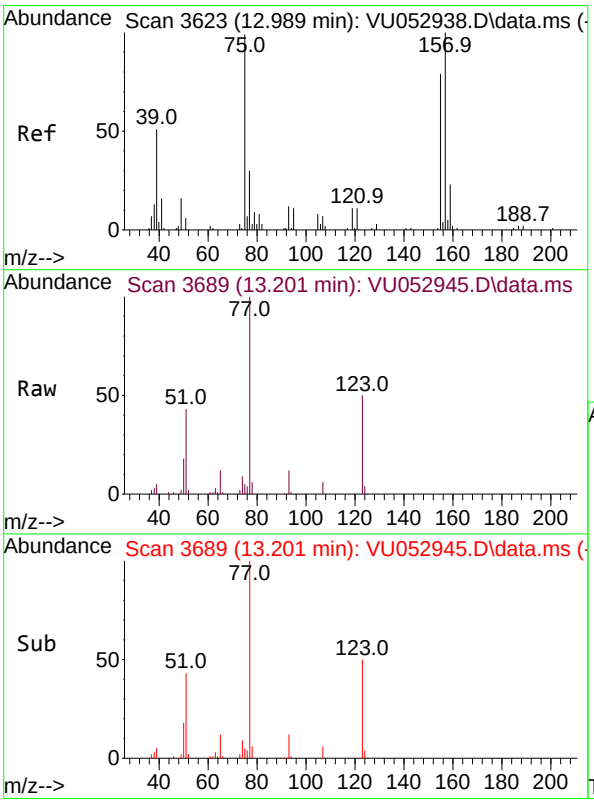
#67
1,2-Dichlorobenzene
Concen: 95.327 ug/L
RT: 12.208 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 333555

Ion	Ratio	Lower	Upper
146	100		
111	40.5	33.2	49.8
148	63.7	50.2	75.4

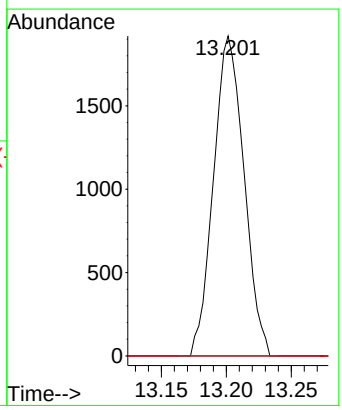


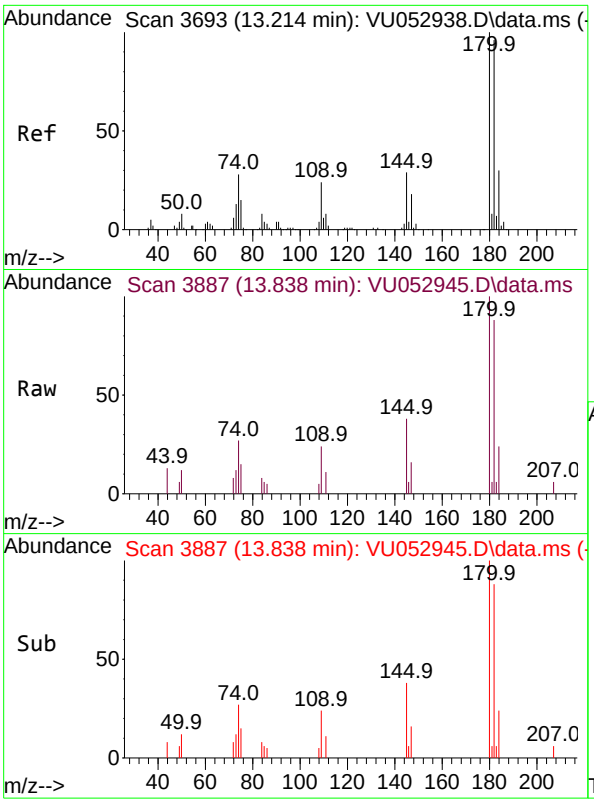


#68
1,2-Dibromo-3-chloropropane
Concen: 5.304 ug/L
RT: 13.201 min Scan# 3689
Delta R.T. 0.212 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

Tgt Ion: 75 Resp: 3131

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.2	103.8#
157	0.0	91.2	136.8#





#69
1,3,5-Trichlorobenzene
Concen: 1.229 ug/L
RT: 13.838 min Scan# 3
Delta R.T. 0.624 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 3147

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.6
184	14.8	24.4	36.6#
145	35.6	23.3	34.9#