Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040523\
Data File : VU053581.D
Acq On : 05 Apr 2023 13:37
Operator : JC/MD
Sample : 02158-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 06 03:37:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	281959	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	269978	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	149697	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65864	29.999	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 60.000%			
7) Chloroethane-d5	1.912	69	63584	37.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.120%			
11) 1,1-Dichloroethene-d2	2.565	63	85041	25.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 50.040%#			
21) 2-Butanone-d5	4.613	46	109261	109.917	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.920%			
24) Chloroform-d	5.060	84	150971	41.579	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.160%			
26) 1,2-Dichloroethane-d4	5.697	65	99923	46.572	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.140%			
32) Benzene-d6	5.722	84	293183	40.231	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.460%			
36) 1,2-Dichloropropane-d6	6.687	67	99547	44.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.380%			
41) Toluene-d8	7.896	98	270828	37.391	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.780%#			
43) trans-1,3-Dichloroprop...	8.176	79	48320	42.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.060%			
47) 2-Hexanone-d5	8.629	63	80374	105.728	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.730%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	152027	48.425	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.840%			
66) 1,2-Dichlorobenzene-d4	12.188	152	123178	39.421	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.840%#			
Target Compounds						Qvalue
33) Benzene	5.774	78	14871	2.114	ug/L	100
37) 1,2-Dichloropropane	6.687	63	10368	5.805	ug/L #	86
51) Chlorobenzene	9.443	112	956553	174.163	ug/L	96
60) 1,2,3-Trichloropropane	11.741	75	66561	30.665	ug/L #	48
64) 1,3-Dichlorobenzene	11.741	146	233817	50.559	ug/L	96
65) 1,4-Dichlorobenzene	11.831	146	567246	120.348	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	66450	14.417	ug/L	96
69) 1,3,5-Trichlorobenzene	13.838	180	244658	71.440	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	244658	77.055	ug/L	97
72) 1,2,3-Trichlorobenzene	14.327	180	10748	3.389	ug/L	98

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

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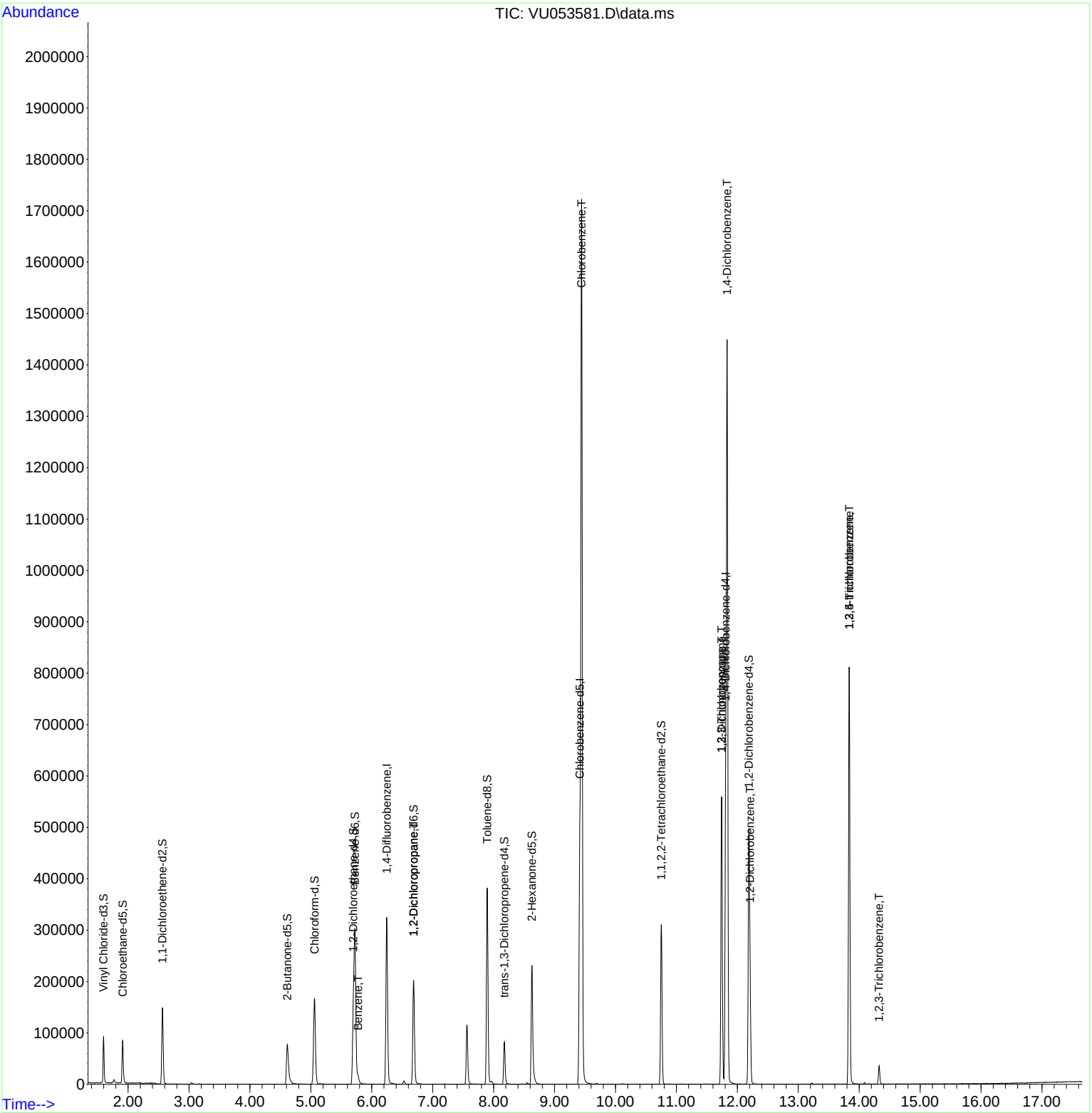
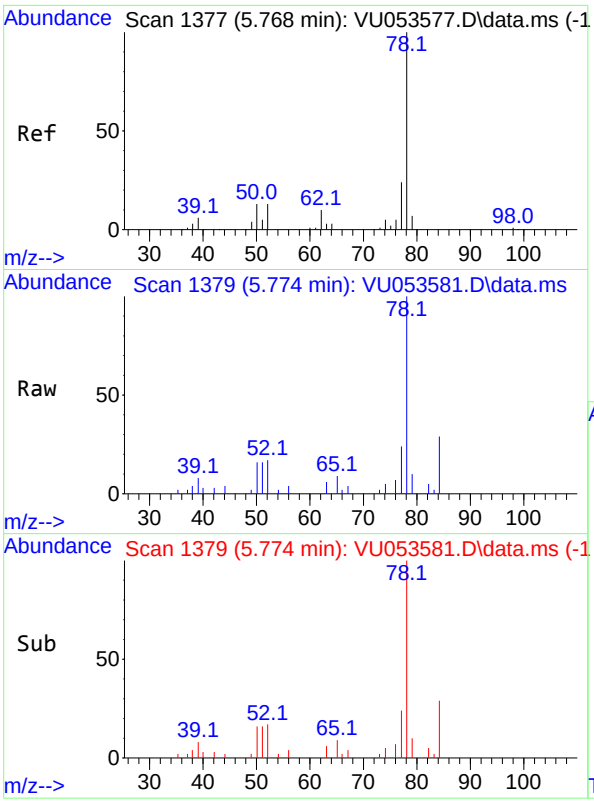
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 06 03:37:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration

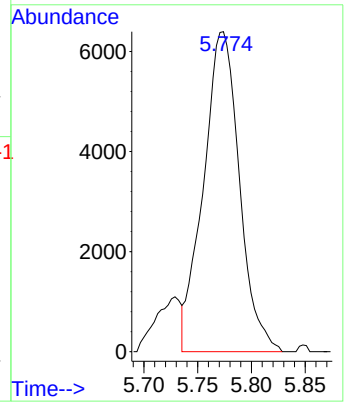


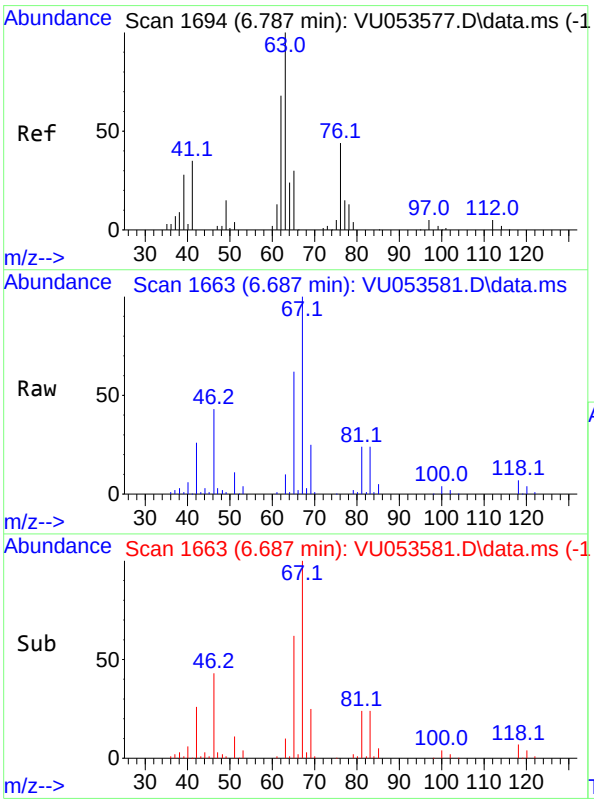


#33
Benzene
Concen: 2.114 ug/L
RT: 5.774 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU053581.D
Acq: 05 Apr 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 14871

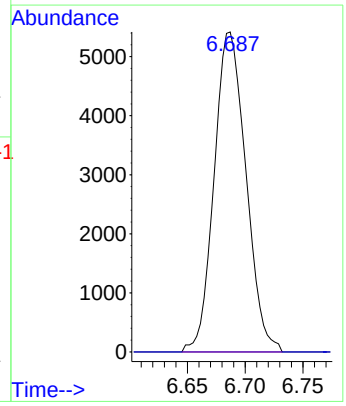


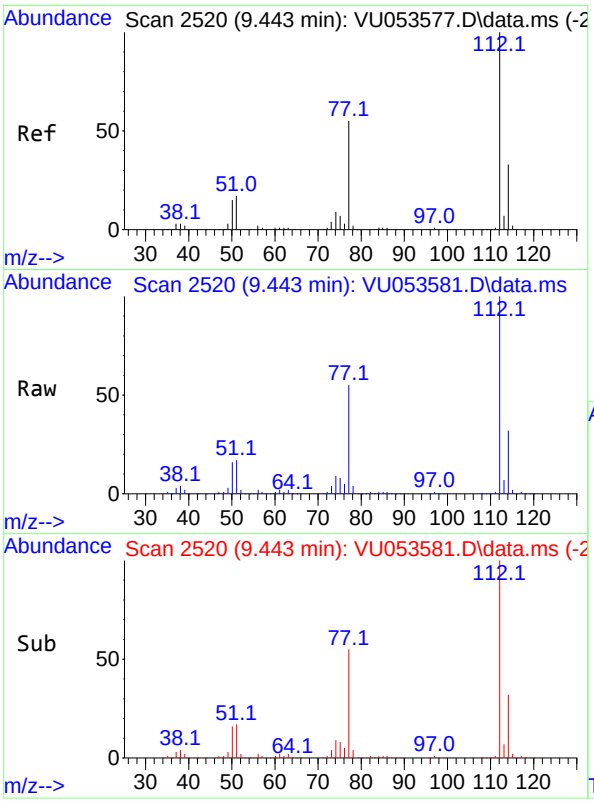


#37
1,2-Dichloropropane
Concen: 5.805 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.097 min
Lab File: VU053581.D
Acq: 05 Apr 2023 13:37

Tgt Ion: 63 Resp: 10368

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



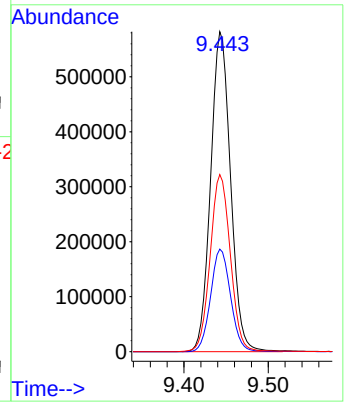


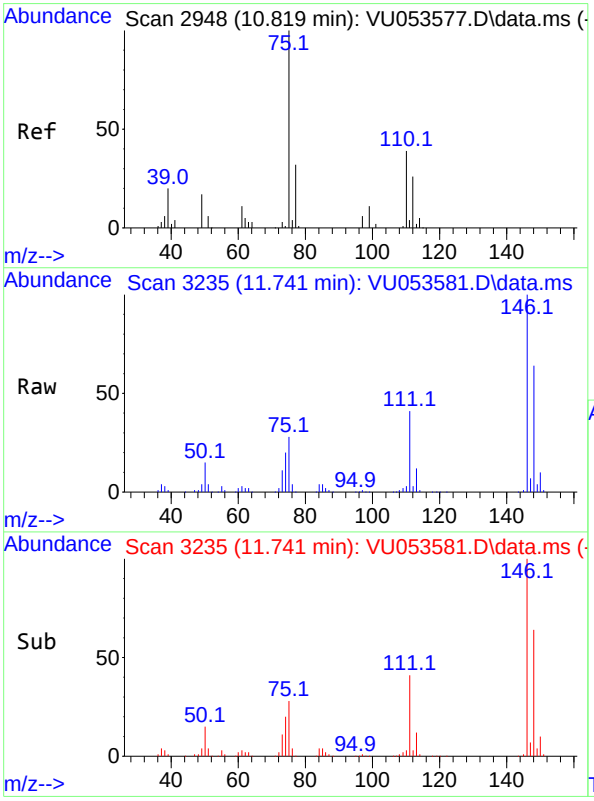
#51
Chlorobenzene
Concen: 174.163 ug/L
RT: 9.443 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU053581.D
Acq: 05 Apr 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 956553

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.2	41.2
77	55.3	41.3	61.9

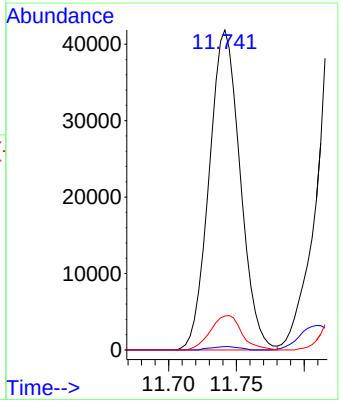


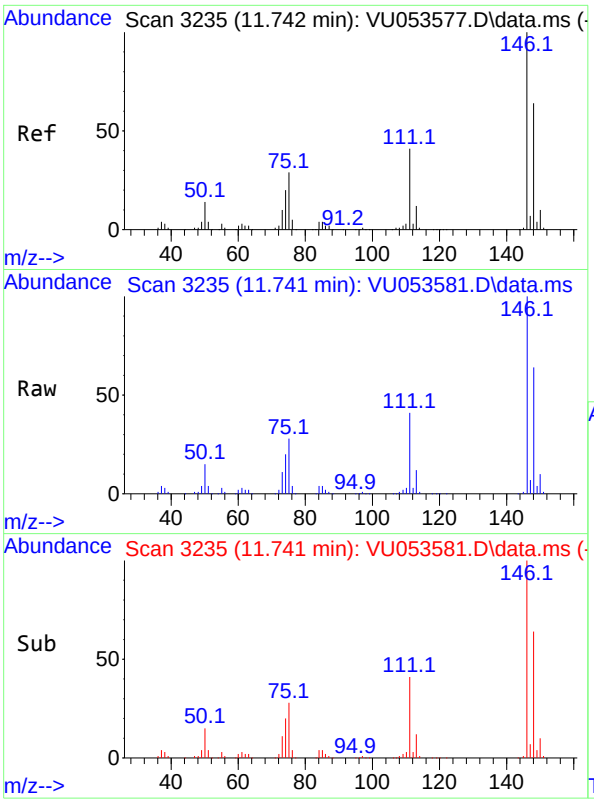


#60
1,2,3-Trichloropropane
Concen: 30.665 ug/L
RT: 11.741 min Scan# 3235
Delta R.T. 0.926 min
Lab File: VU053581.D
Acq: 05 Apr 2023 13:37

Tgt Ion: 75 Resp: 66561

Ion	Ratio	Lower	Upper
75	100		
77	1.0	26.0	39.0#
110	10.8	32.6	48.8#



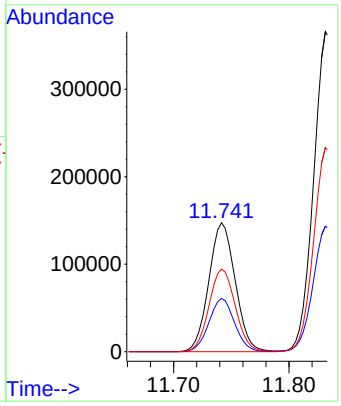


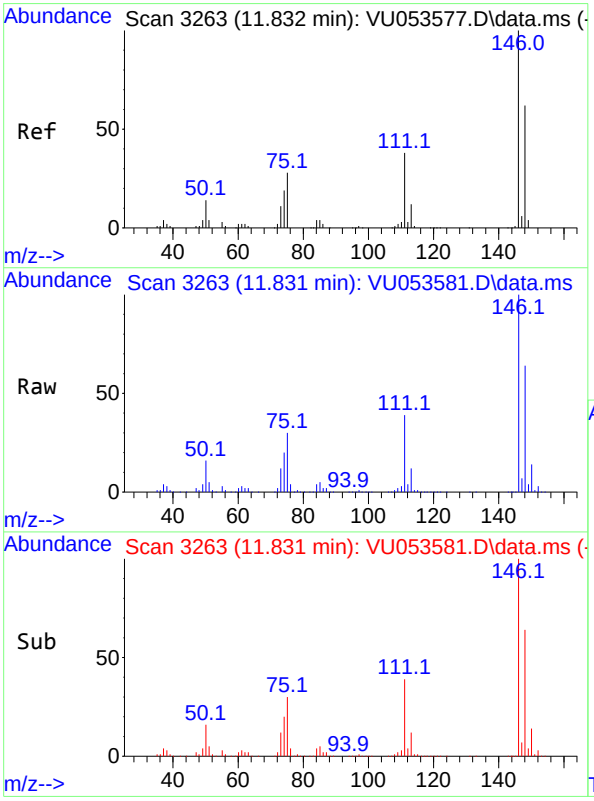
#64
1,3-Dichlorobenzene
Concen: 50.559 ug/L
RT: 11.741 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU053581.D
Acq: 05 Apr 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 233817

Ion	Ratio	Lower	Upper
146	100		
111	41.3	25.7	47.7
148	64.1	44.2	82.2

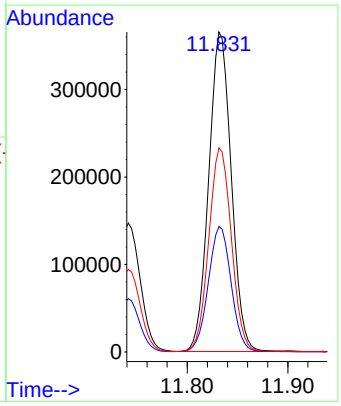


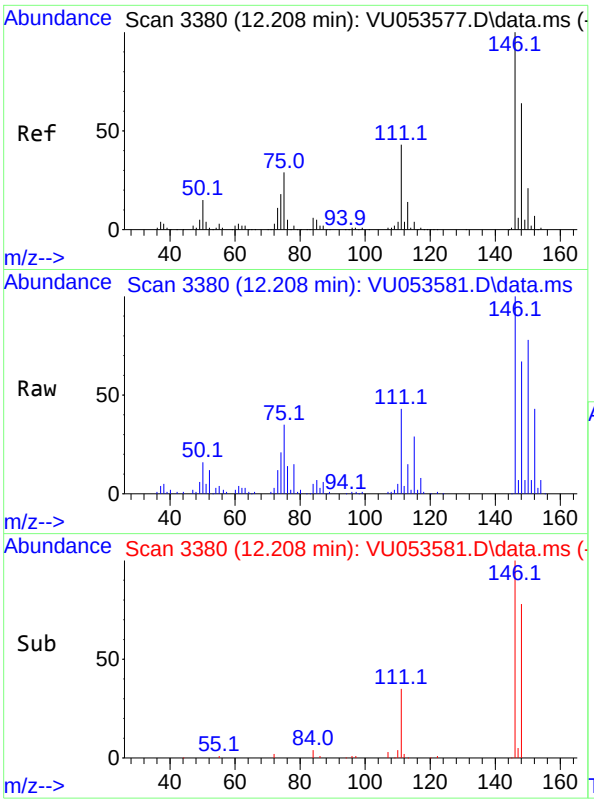


#65
1,4-Dichlorobenzene
Concen: 120.348 ug/L
RT: 11.831 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053581.D
Acq: 05 Apr 2023 13:37

Tgt Ion:146 Resp: 567246

Ion	Ratio	Lower	Upper
146	100		
111	39.2	25.1	46.5
148	63.8	44.3	82.3



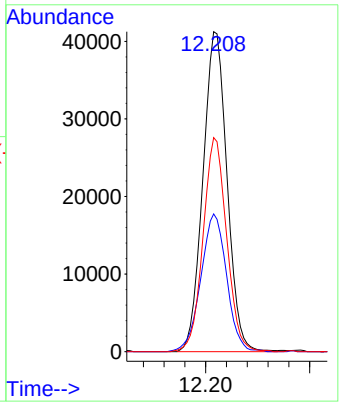


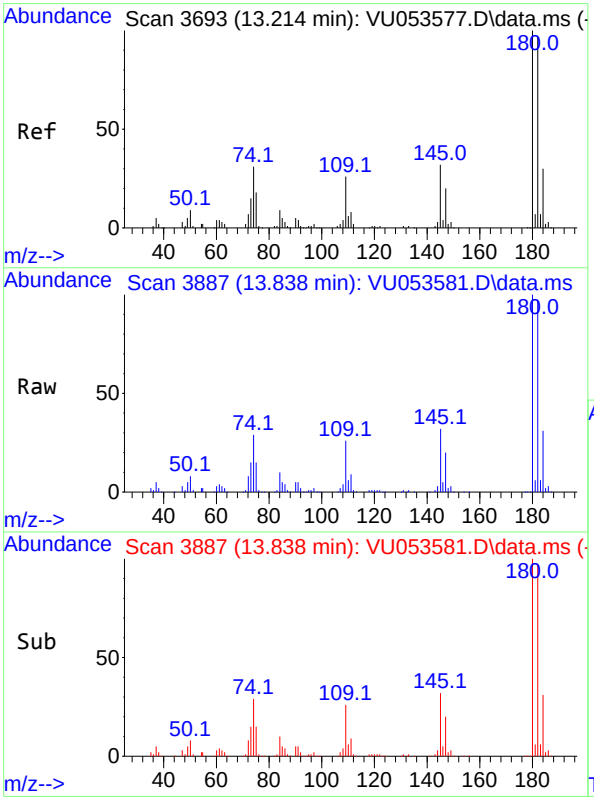
#67
1,2-Dichlorobenzene
Concen: 14.417 ug/L
RT: 12.208 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU053581.D
Acq: 05 Apr 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 66450

Ion	Ratio	Lower	Upper
146	100		
111	43.1	31.5	47.3
148	66.9	51.6	77.4

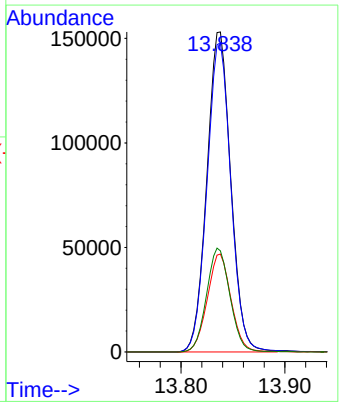


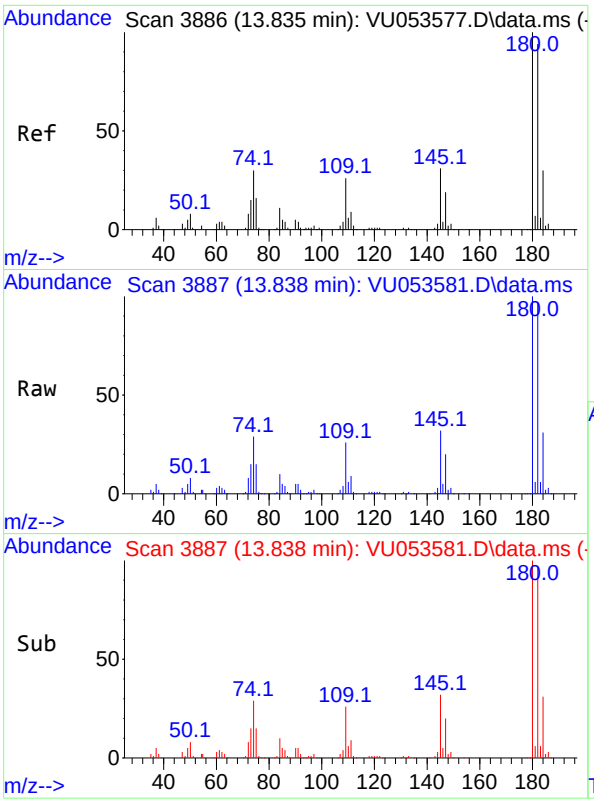


#69
1,3,5-Trichlorobenzene
Concen: 71.440 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.624 min
Lab File: VU053581.D
Acq: 05 Apr 2023 13:37

Tgt Ion:180 Resp: 244658

Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.6	113.4
184	30.4	24.2	36.2
145	31.8	22.6	33.8



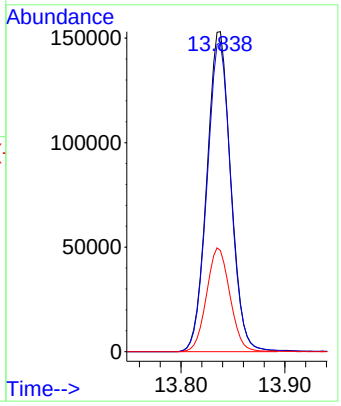


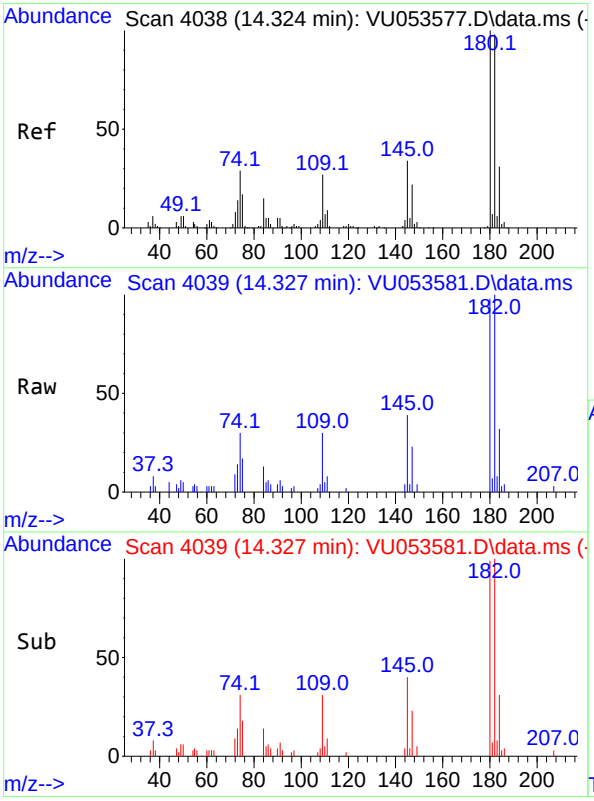
#70
1,2,4-trichlorobenzene
Concen: 77.055 ug/L
RT: 13.838 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU053581.D
Acq: 05 Apr 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 244658

Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.8
145	31.8	23.4	35.2





#72
1,2,3-Trichlorobenzene
Concen: 3.389 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053581.D
Acq: 05 Apr 2023 13:37

Tgt Ion:180 Resp: 10748

Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.0	115.6
145	35.0	25.4	38.0