Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055648.D
Acq On : 03 Oct 2023 18:34
Operator : MD/SY
Sample : 04679-15DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20230927)DL

Quant Time: Oct 04 04:45:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 04 04:40:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	162785	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	168125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92405	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	84584	5.141	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.800%			
7) Chloroethane-d5	1.911	69	66756	4.604	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.000%			
11) 1,1-Dichloroethene-d2	2.566	65	33320	4.920	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.400%			
20) 2-Butanone-d5	4.637	46	130190	43.810	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.620%			
24) Chloroform-d	5.058	84	136594	4.590	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
26) 1,2-Dichloroethane-d4	5.701	65	66634	4.655	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	5.724	84	278625	4.738	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	6.688	67	84800	4.826	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.600%			
41) Toluene-d8	7.897	98	242649	4.527	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.600%			
43) trans-1,3-Dichloroprop...	8.180	79	28600	4.638	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.800%			
46) 2-Hexanone-d5	8.634	63	77004	41.057	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.120%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60577	4.600	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.000%			
66) 1,2-Dichlorobenzene-d4	12.193	152	84355	4.523	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	4020	0.267	ug/L #	49
16) Methylene chloride	3.042	84	32661	2.395	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	3580	0.312	ug/L	97
19) 1,1-Dichloroethane	3.875	63	11814	0.557	ug/L	90
22) cis-1,2-Dichloroethene	4.666	96	28342	2.131	ug/L	95
51) Chlorobenzene	9.447	112	30872	0.934	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	42800	1.679	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	216048	8.478	ug/L	99
67) 1,2-Dichlorobenzene	12.216	146	3864	0.165	ug/L	91

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

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PMW-7S(20230927)DL

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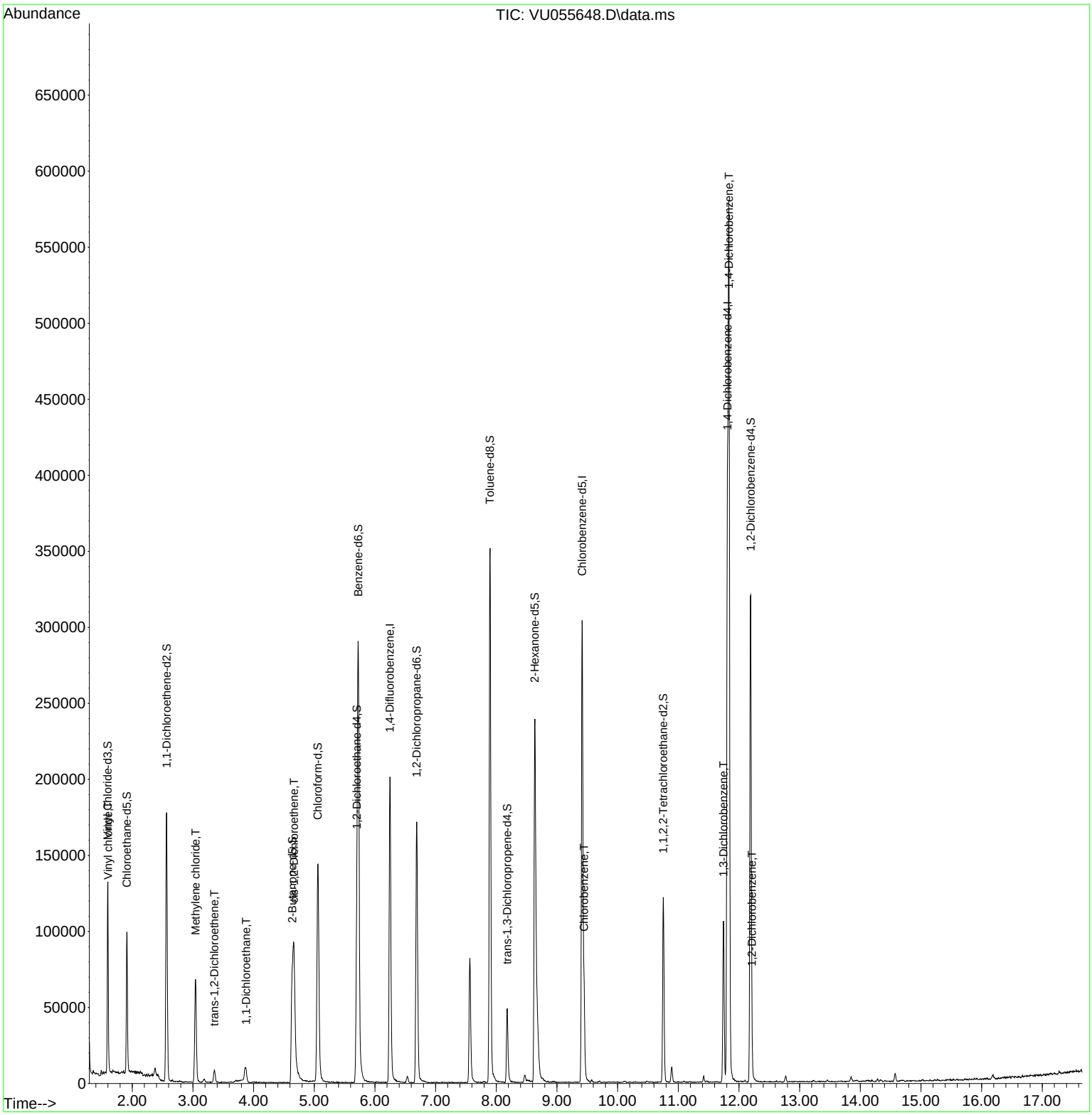
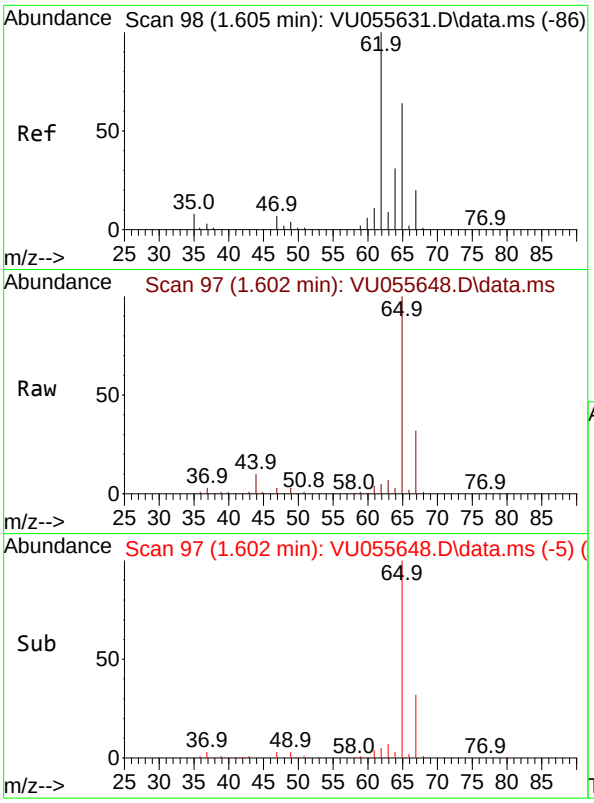
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 04 04:40:48 2023
Response via : Initial Calibration



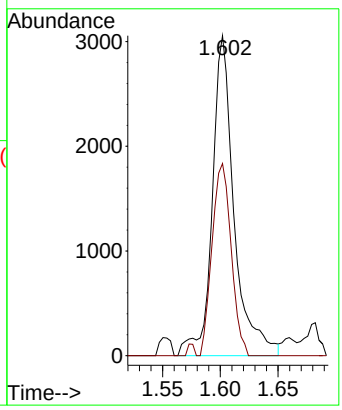


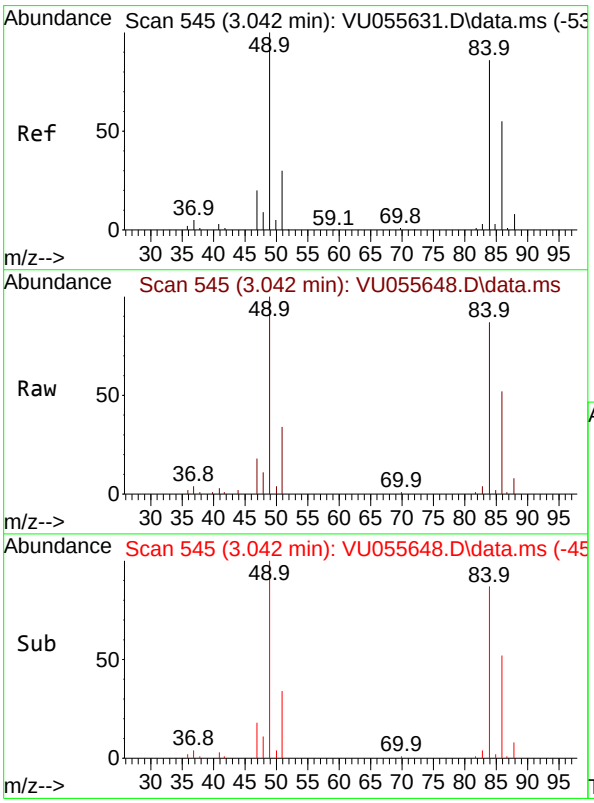
#5
Vinyl chloride
Concen: 0.267 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.003 min
Lab File: VU055648.D
Acq: 03 Oct 2023 18:34

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20230927)DL

Tgt Ion: 62 Resp: 4020

Ion	Ratio	Lower	Upper
62	100		
64	60.0	22.3	41.5#

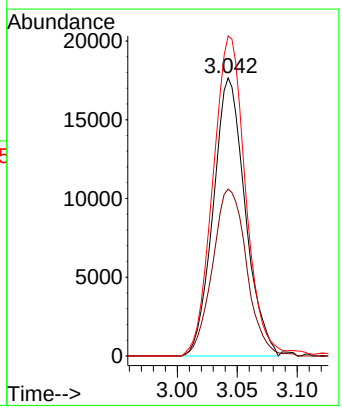


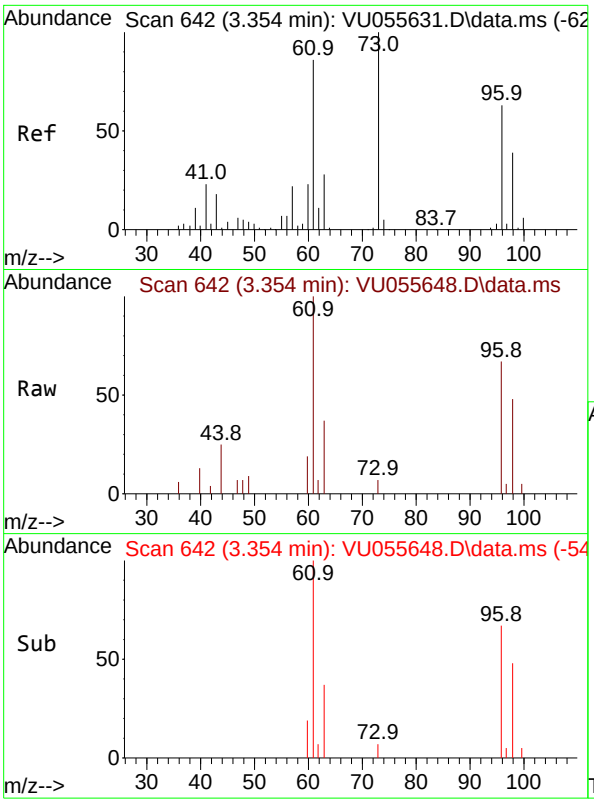


#16
Methylene chloride
Concen: 2.395 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055648.D
Acq: 03 Oct 2023 18:34

Tgt Ion: 84 Resp: 32661

Ion	Ratio	Lower	Upper
84	100		
86	60.7	44.9	83.3
49	115.1	78.8	146.3



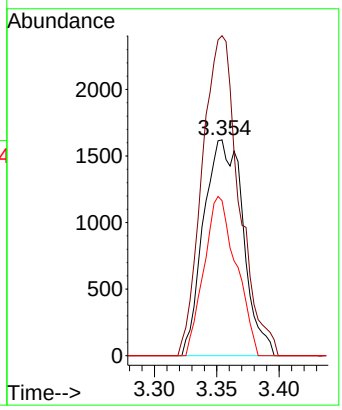


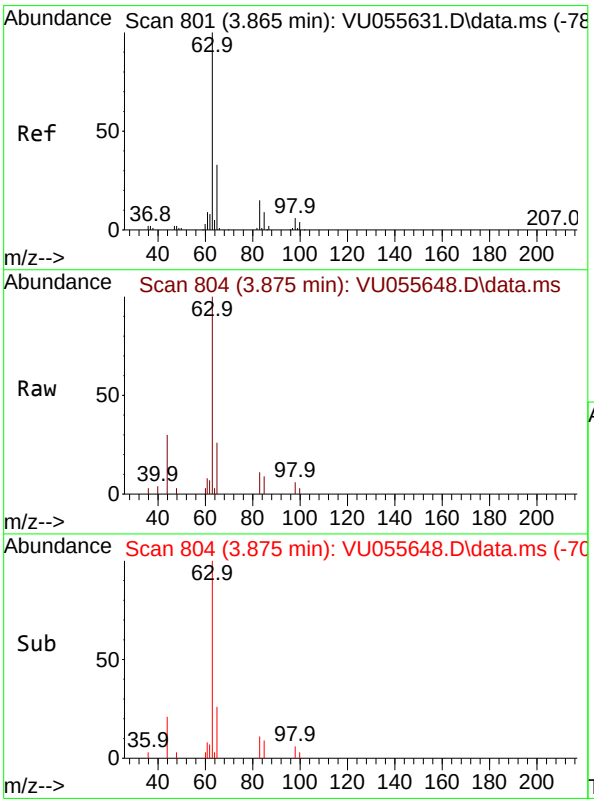
#18
trans-1,2-Dichloroethene
Concen: 0.312 ug/L
RT: 3.354 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU055648.D
Acq: 03 Oct 2023 18:34

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20230927)DL

Tgt Ion: 96 Resp: 3580

Ion	Ratio	Lower	Upper
96	100		
61	138.3	94.6	175.6
98	67.0	45.7	84.9

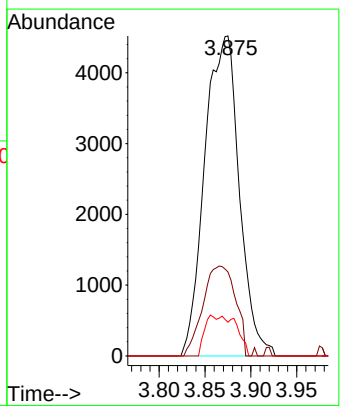


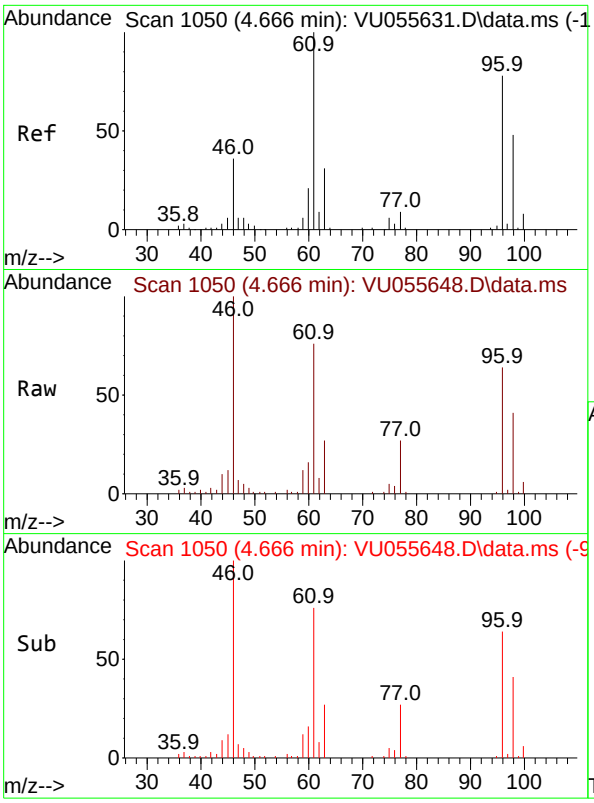


#19
1,1-Dichloroethane
Concen: 0.557 ug/L
RT: 3.875 min Scan# 804
Delta R.T. 0.010 min
Lab File: VU055648.D
Acq: 03 Oct 2023 18:34

Tgt Ion: 63 Resp: 11814

Ion	Ratio	Lower	Upper
63	100		
65	26.2	22.0	41.0
83	10.6	10.1	18.9



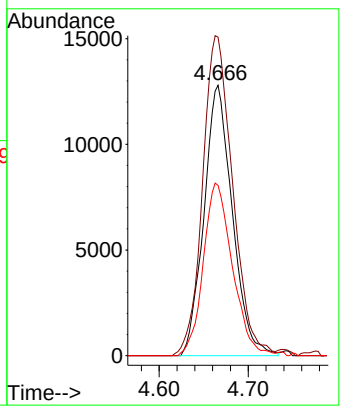


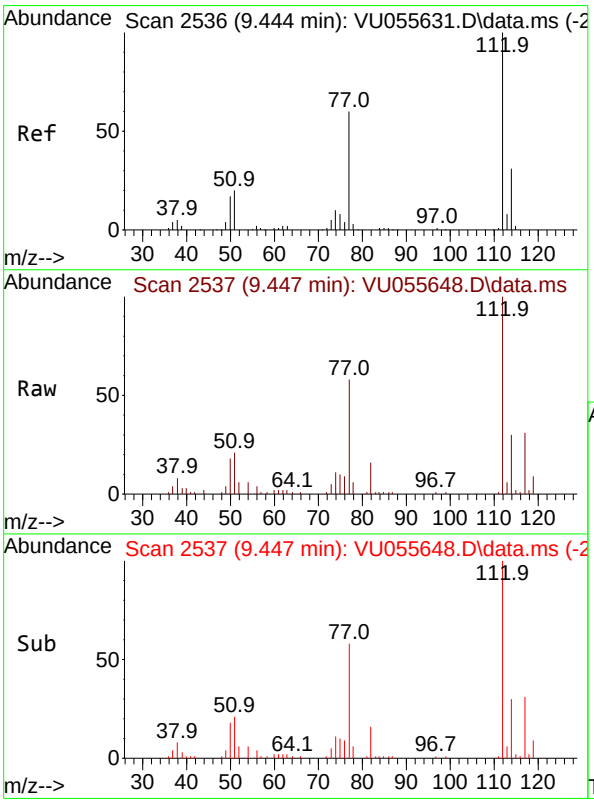
#22
cis-1,2-Dichloroethene
Concen: 2.131 ug/L
RT: 4.666 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055648.D
Acq: 03 Oct 2023 18:34

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20230927)DL

Tgt Ion: 96 Resp: 28342

Ion	Ratio	Lower	Upper
96	100		
61	117.8	87.8	163.2
98	62.9	44.4	82.4

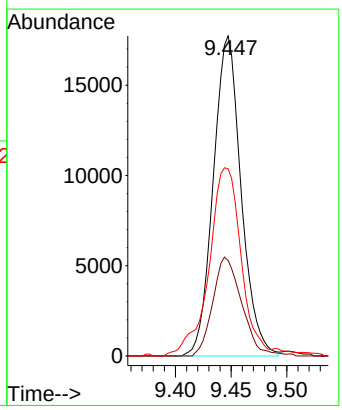


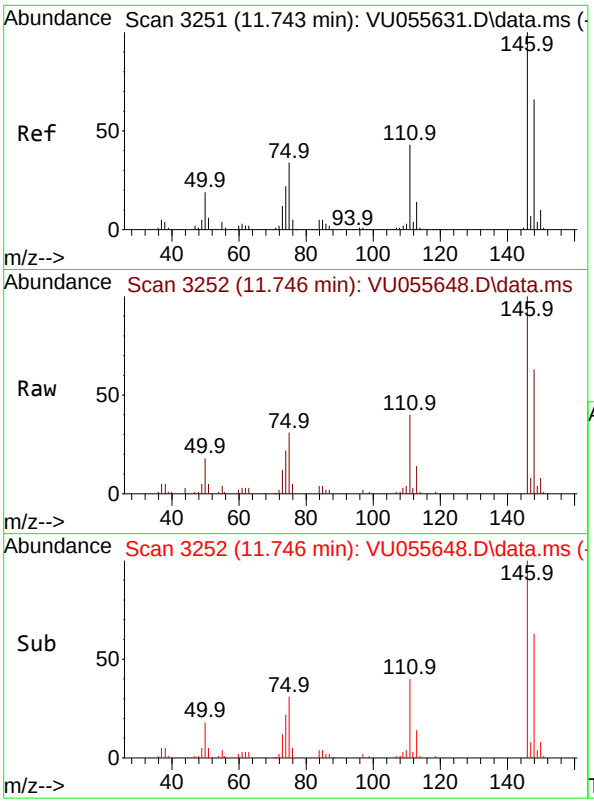


#51
Chlorobenzene
Concen: 0.934 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU055648.D
Acq: 03 Oct 2023 18:34

Tgt Ion:112 Resp: 30872

Ion	Ratio	Lower	Upper
112	100		
114	29.8	22.0	40.8
77	58.5	46.9	70.3



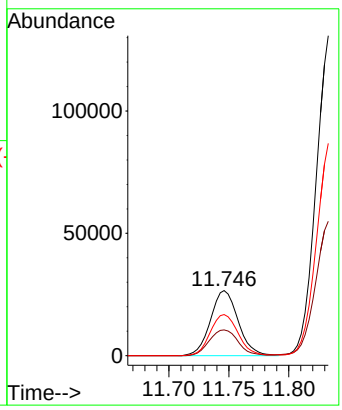


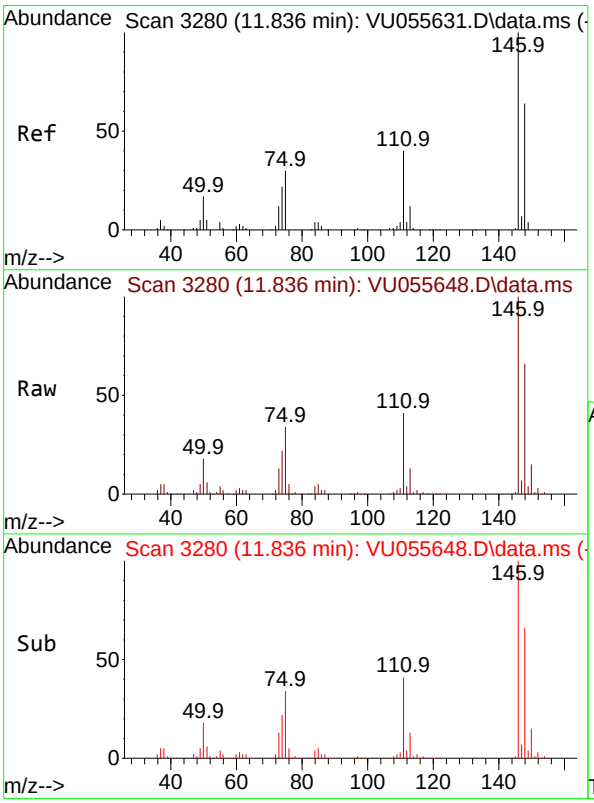
#64
1,3-Dichlorobenzene
Concen: 1.679 ug/L
RT: 11.746 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU055648.D
Acq: 03 Oct 2023 18:34

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20230927)DL

Tgt Ion:146 Resp: 42800

Ion	Ratio	Lower	Upper
146	100		
111	39.6	28.8	53.6
148	63.3	44.6	82.8

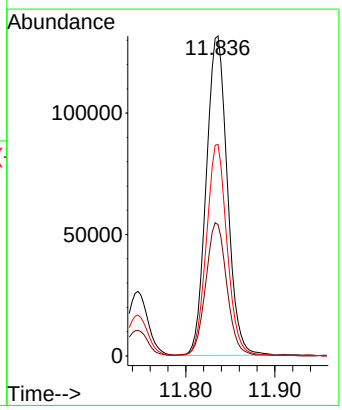


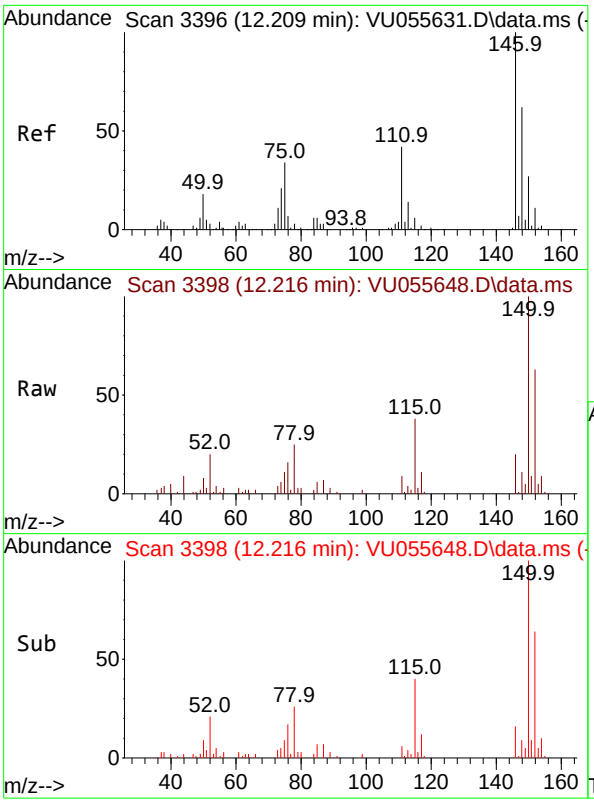


#65
1,4-Dichlorobenzene
Concen: 8.478 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VU055648.D
Acq: 03 Oct 2023 18:34

Tgt Ion:146 Resp: 216048

Ion	Ratio	Lower	Upper
146	100		
111	41.0	29.0	53.8
148	66.1	45.4	84.4





#67
1,2-Dichlorobenzene
Concen: 0.165 ug/L
RT: 12.216 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU055648.D
Acq: 03 Oct 2023 18:34

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20230927)DL

Tgt Ion:146 Resp: 3864

Ion	Ratio	Lower	Upper
146	100		
111	42.3	34.6	52.0
148	54.3	51.8	77.8