Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055637.D
Acq On : 03 Oct 2023 13:41
Operator : MD/SY
Sample : 04679-14DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20230928)DL

Quant Time: Oct 04 04:42:38 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	179738	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190425	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	99494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	87123	4.796	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.000%			
7) Chloroethane-d5	1.911	69	73019	4.561	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.200%			
11) 1,1-Dichloroethene-d2	2.567	65	33080	4.424	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.400%			
20) 2-Butanone-d5	4.628	46	125414	38.222	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.440%			
24) Chloroform-d	5.062	84	138156	4.205	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
26) 1,2-Dichloroethane-d4	5.701	65	66323	4.196	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
32) Benzene-d6	5.724	84	285311	4.283	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
36) 1,2-Dichloropropane-d6	6.689	67	84885	4.265	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.400%			
41) Toluene-d8	7.898	98	246257	4.056	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.200%			
43) trans-1,3-Dichloroprop...	8.177	79	28568	4.091	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.800%			
46) 2-Hexanone-d5	8.634	63	69955	32.931	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 65.860%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58612	3.930	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 78.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	84956	4.231	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	3027	0.182	ug/L #	47
16) Methylene chloride	3.042	84	9833	0.653	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	1535	0.121	ug/L	94
19) 1,1-Dichloroethane	3.866	63	8200	0.350	ug/L	92
22) cis-1,2-Dichloroethene	4.666	96	33471	2.279	ug/L	94
51) Chlorobenzene	9.447	112	16407	0.438	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	17700	0.645	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	103637	3.777	ug/L	94
70) 1,2,4-trichlorobenzene	13.849	180	7486	0.519	ug/L	99

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

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PMW-8S(20230928)DL

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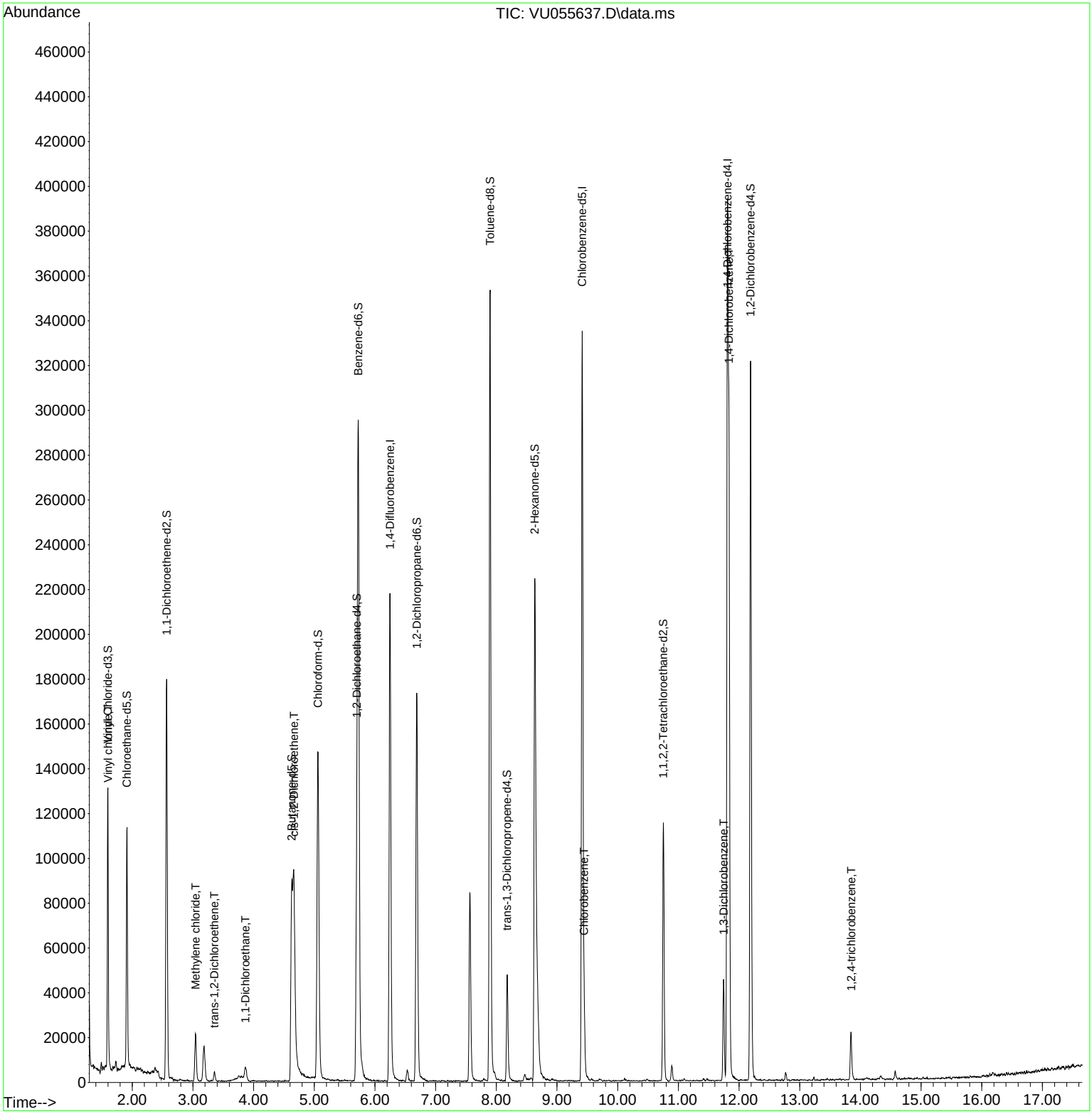
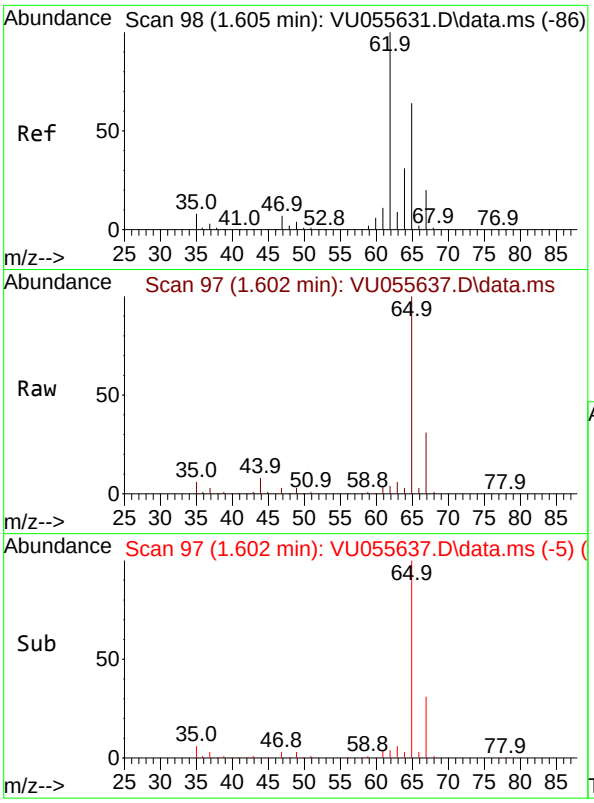
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 04 04:40:48 2023
Response via : Initial Calibration



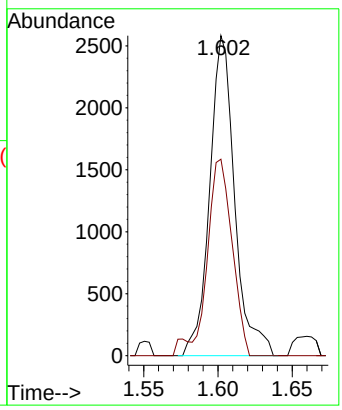


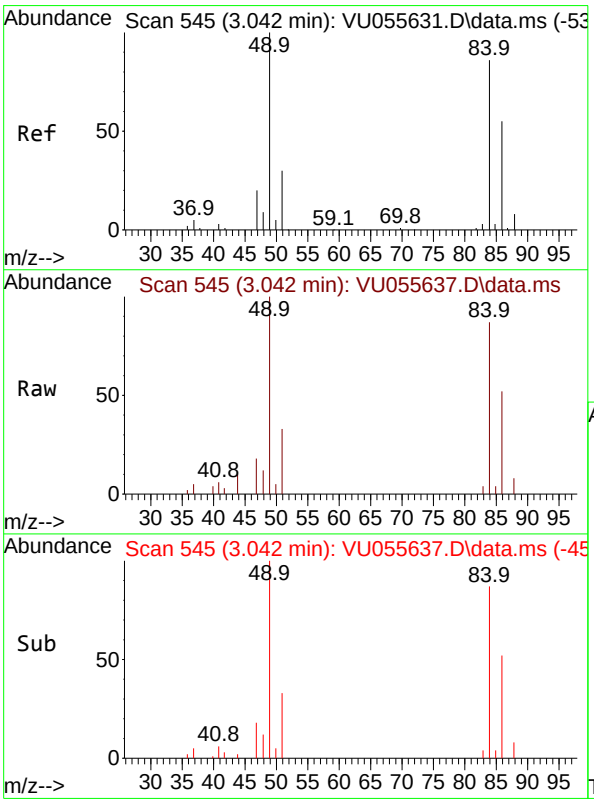
#5
Vinyl chloride
Concen: 0.182 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.003 min
Lab File: VU055637.D
Acq: 03 Oct 2023 13:41

Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20230928)DL

Tgt Ion: 62 Resp: 3027

Ion	Ratio	Lower	Upper
62	100		
64	61.4	22.3	41.5#

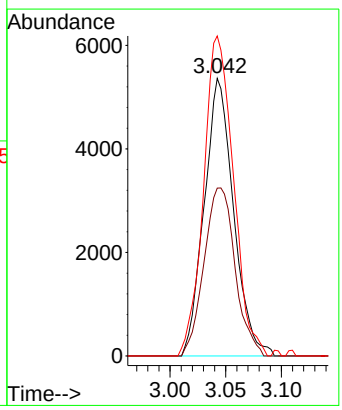


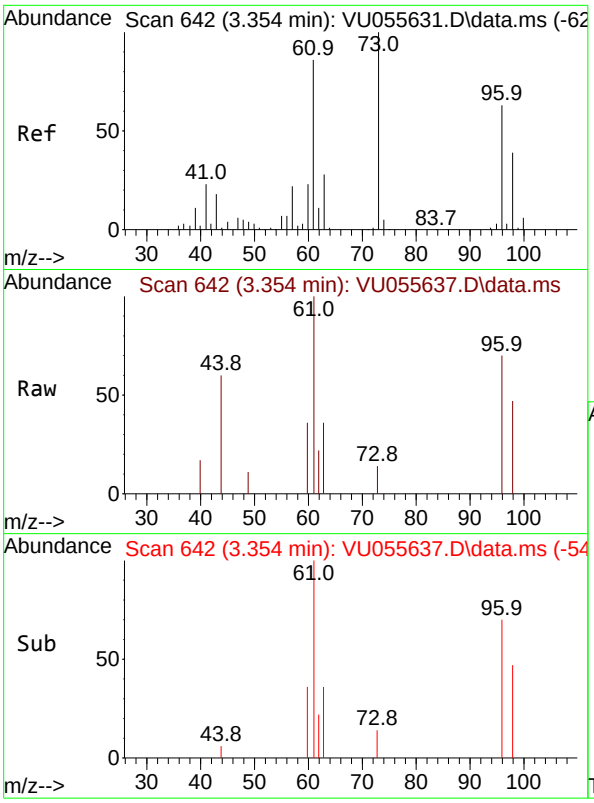


#16
Methylene chloride
Concen: 0.653 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055637.D
Acq: 03 Oct 2023 13:41

Tgt Ion: 84 Resp: 9833

Ion	Ratio	Lower	Upper
84	100		
86	60.5	44.9	83.3
49	115.3	78.8	146.3



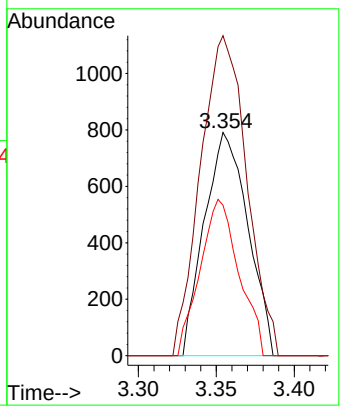


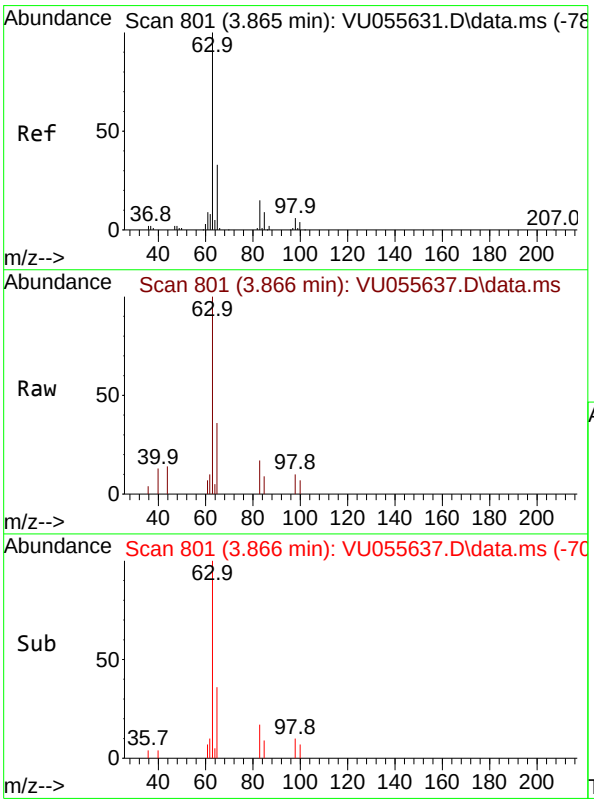
#18
trans-1,2-Dichloroethene
Concen: 0.121 ug/L
RT: 3.354 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU055637.D
Acq: 03 Oct 2023 13:41

Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20230928)DL

Tgt Ion: 96 Resp: 1535

Ion	Ratio	Lower	Upper
96	100		
61	143.4	94.6	175.6
98	67.4	45.7	84.9

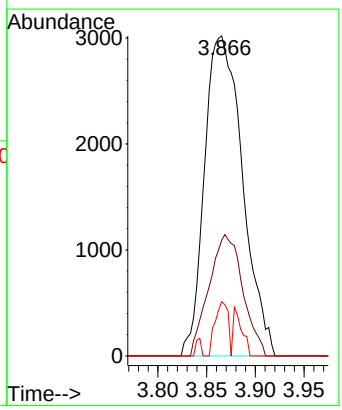


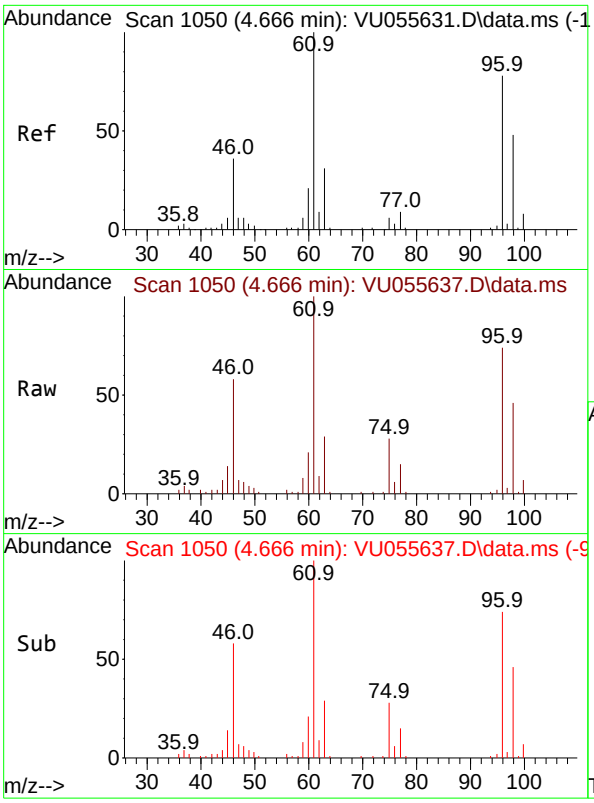


#19
1,1-Dichloroethane
Concen: 0.350 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055637.D
Acq: 03 Oct 2023 13:41

Tgt Ion: 63 Resp: 8200

Ion	Ratio	Lower	Upper
63	100		
65	36.2	22.0	41.0
83	16.9	10.1	18.9



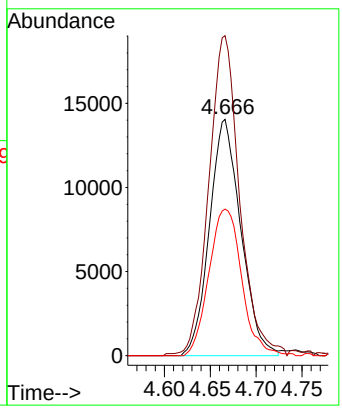


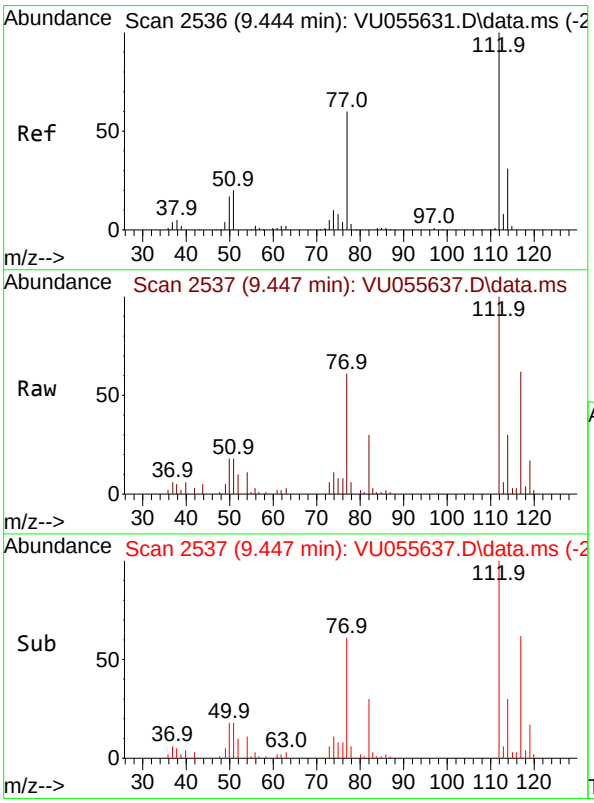
#22
cis-1,2-Dichloroethene
Concen: 2.279 ug/L
RT: 4.666 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055637.D
Acq: 03 Oct 2023 13:41

Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20230928)DL

Tgt Ion: 96 Resp: 33471

Ion	Ratio	Lower	Upper
96	100		
61	135.4	87.8	163.2
98	62.0	44.4	82.4

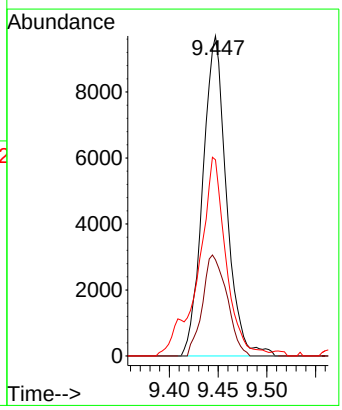


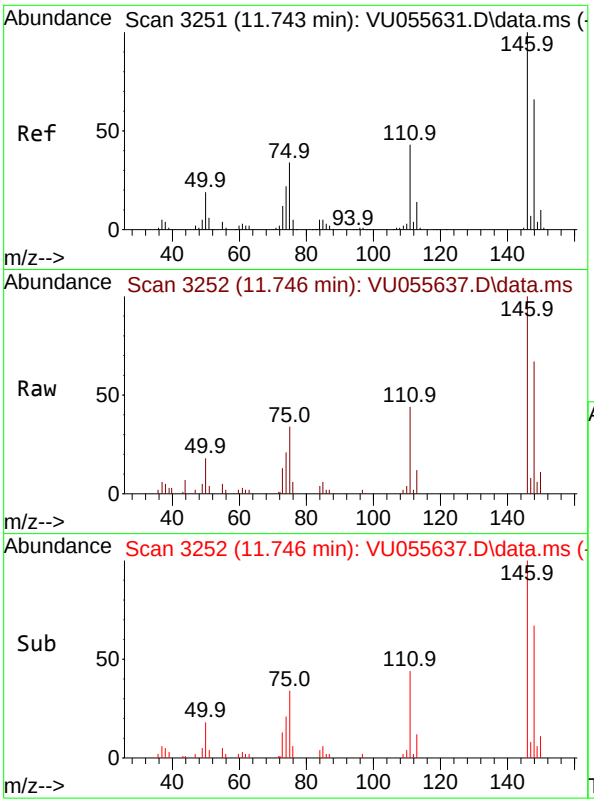


#51
Chlorobenzene
Concen: 0.438 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU055637.D
Acq: 03 Oct 2023 13:41

Tgt Ion:112 Resp: 16407

Ion	Ratio	Lower	Upper
112	100		
114	30.1	22.0	40.8
77	61.3	46.9	70.3



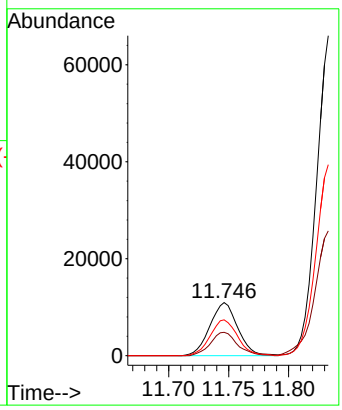


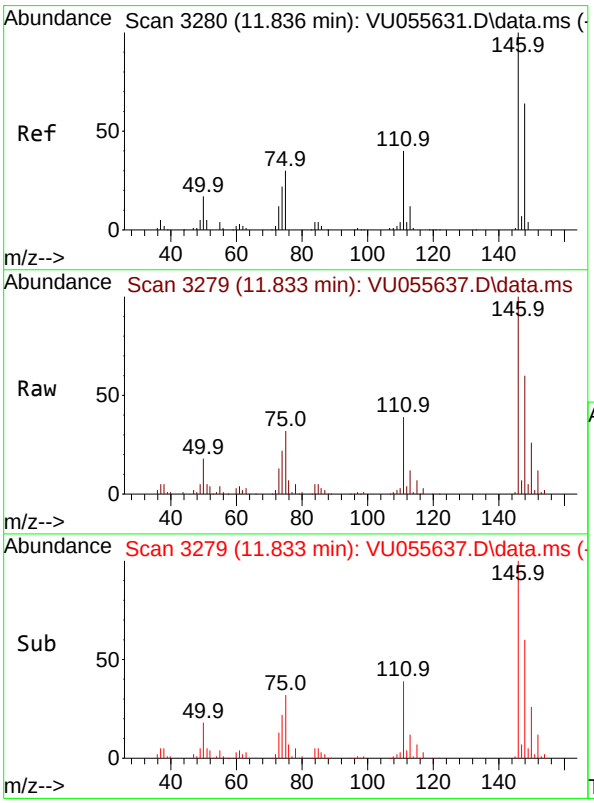
#64
1,3-Dichlorobenzene
Concen: 0.645 ug/L
RT: 11.746 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU055637.D
Acq: 03 Oct 2023 13:41

Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20230928)DL

Tgt Ion:146 Resp: 17700

Ion	Ratio	Lower	Upper
146	100		
111	44.1	28.8	53.6
148	67.3	44.6	82.8

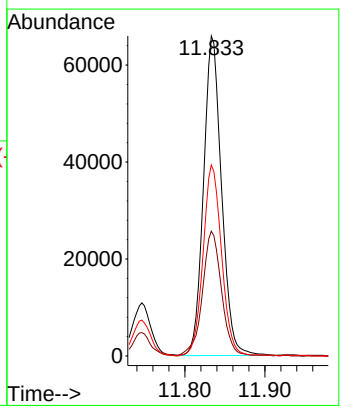


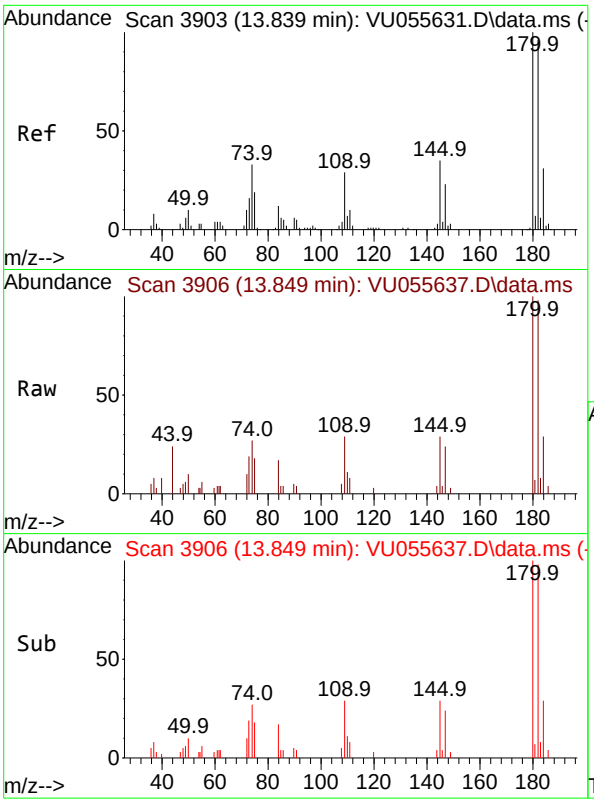


#65
1,4-Dichlorobenzene
Concen: 3.777 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU055637.D
Acq: 03 Oct 2023 13:41

Tgt Ion:146 Resp: 103637

Ion	Ratio	Lower	Upper
146	100		
111	39.0	29.0	53.8
148	59.7	45.4	84.4





#70
1,2,4-trichlorobenzene
Concen: 0.519 ug/L
RT: 13.849 min Scan# 3
Delta R.T. 0.010 min
Lab File: VU055637.D
Acq: 03 Oct 2023 13:41

Instrument :
MSVOA_U
ClientSampleId :
PMW-8S(20230928)DL

Tgt Ion:180 Resp: 7486

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
145	32.6	25.4	38.0