Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058409.D
Acq On : 05 Apr 2024 10:54
Operator : MD/SY
Sample : P1925-16 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20240328)

Quant Time: Apr 05 23:34:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 23:33:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83276	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79832	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26319	4.774	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.400%			
7) Chloroethane-d5	1.911	69	23475	4.899	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.000%			
11) 1,1-Dichloroethene-d2	2.563	65	11942	4.785	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.800%			
20) 2-Butanone-d5	4.627	46	59523	51.229	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.460%			
24) Chloroform-d	5.052	84	53931	4.900	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
26) 1,2-Dichloroethane-d4	5.692	65	26507	5.161	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.200%			
32) Benzene-d6	5.717	84	108645	5.055	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
36) 1,2-Dichloropropane-d6	6.682	67	34825	5.167	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.400%			
41) Toluene-d8	7.891	98	91757	4.814	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.200%			
43) trans-1,3-Dichloroprop...	8.177	79	9441	4.512	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.200%			
46) 2-Hexanone-d5	8.627	63	40947	47.449	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.900%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21763	4.574	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	30121	4.782	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	2215	0.261	ug/L #	70
16) Methylene chloride	3.039	84	2674	0.341	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	2856	0.462	ug/L	97
19) 1,1-Dichloroethane	3.862	63	10757	0.797	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	25655	3.693	ug/L	99
51) Chlorobenzene	9.441	112	26968	1.468	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	34659	2.606	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	178780	13.798	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	2594	0.214	ug/L	96

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

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Instrument :
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Quant Title : TRACE VOA SFAM1.0
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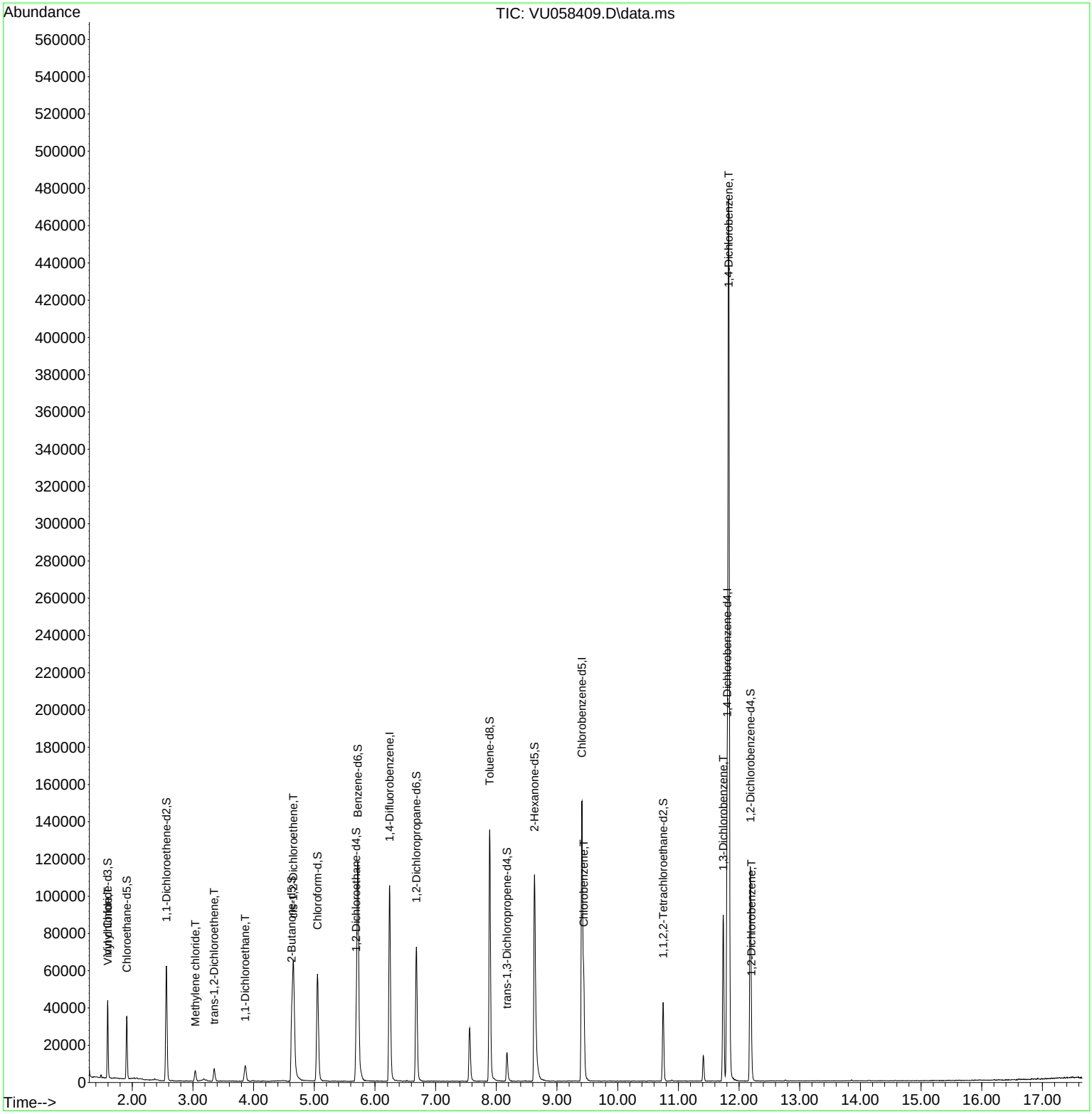
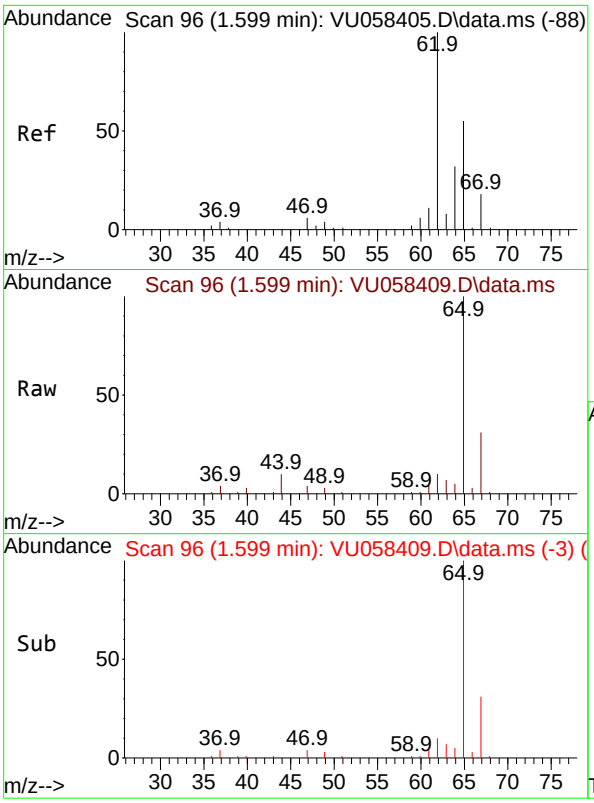


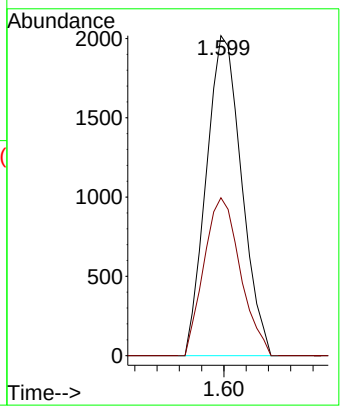


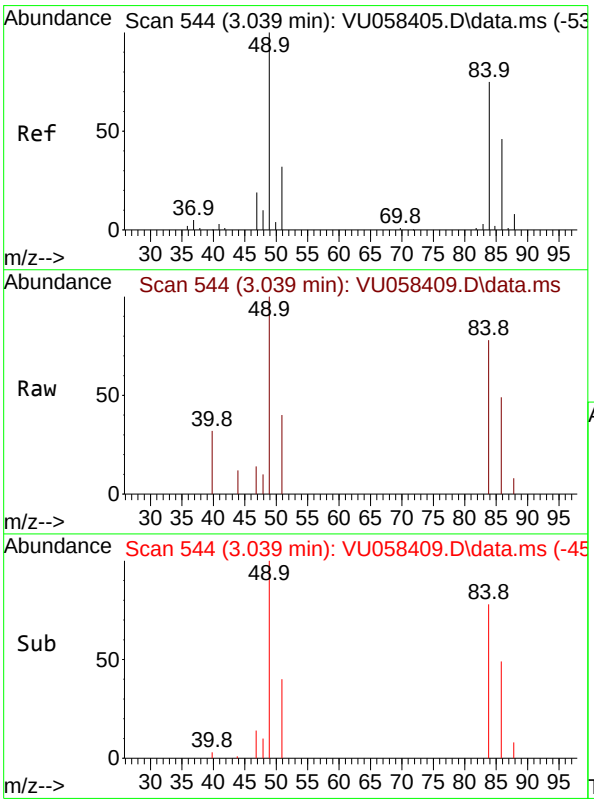
#5
Vinyl chloride
Concen: 0.261 ug/L
RT: 1.599 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20240328)

Tgt Ion: 62 Resp: 2215

Ion	Ratio	Lower	Upper
62	100		
64	49.4	22.6	42.0#

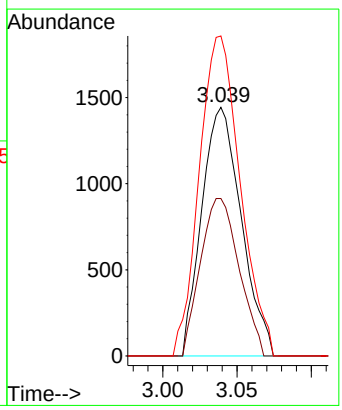


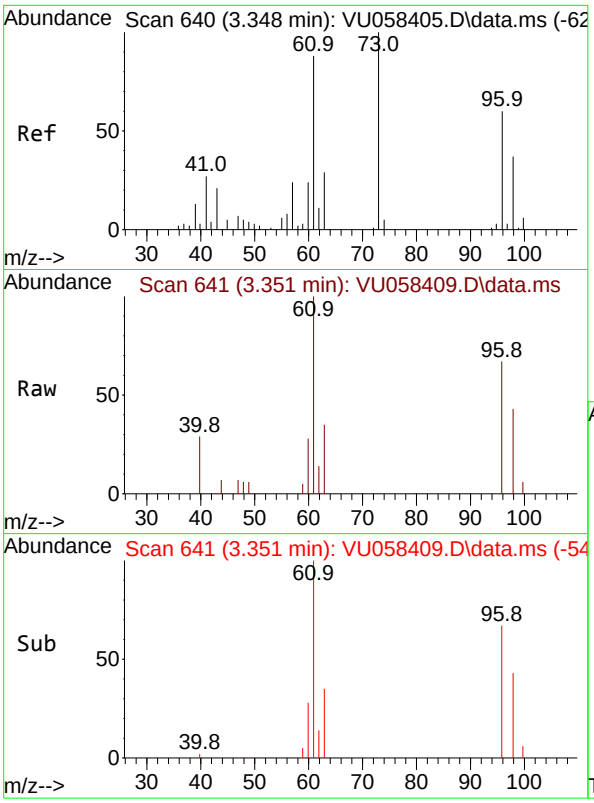


#16
Methylene chloride
Concen: 0.341 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Tgt Ion: 84 Resp: 2674

Ion	Ratio	Lower	Upper
84	100		
86	63.3	44.3	82.3
49	128.7	96.0	178.2



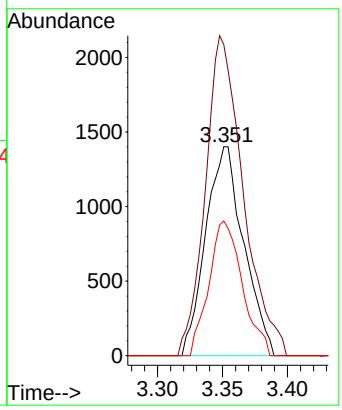


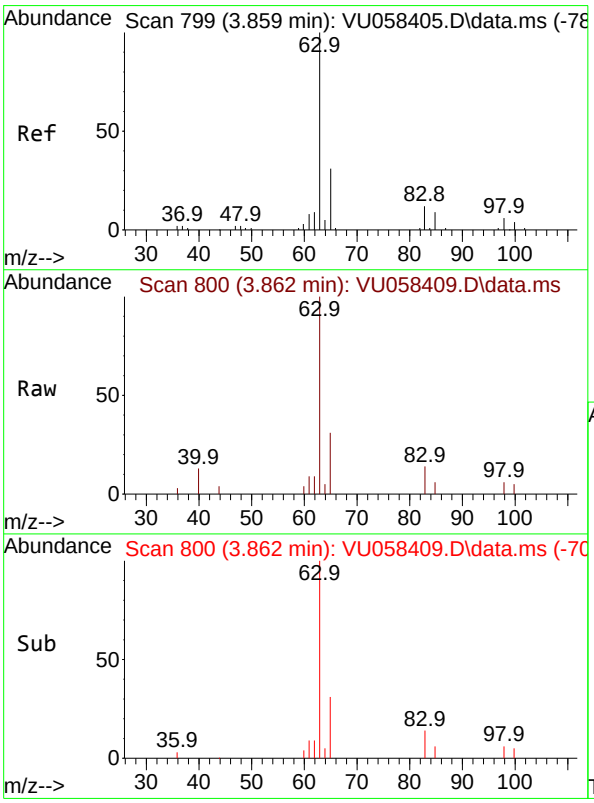
#18
trans-1,2-Dichloroethene
Concen: 0.462 ug/L
RT: 3.351 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20240328)

Tgt Ion: 96 Resp: 2856

Ion	Ratio	Lower	Upper
96	100		
61	148.8	107.6	199.8
98	64.5	45.1	83.7

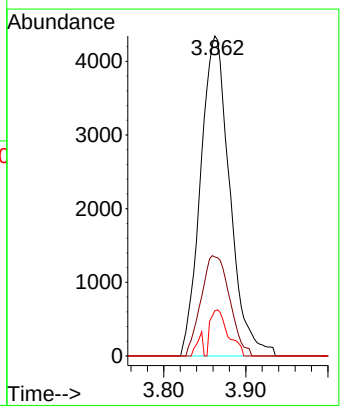


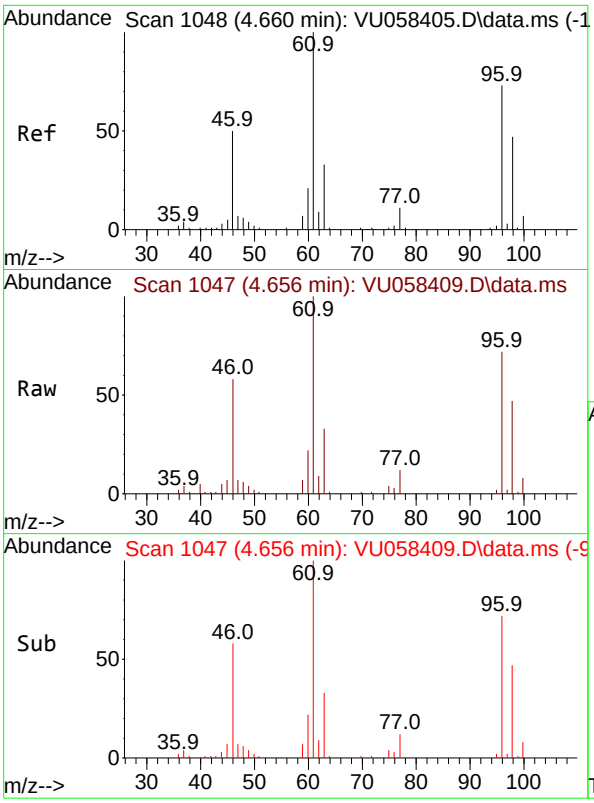


#19
1,1-Dichloroethane
Concen: 0.797 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Tgt Ion: 63 Resp: 10757

Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.9	42.5
83	14.1	9.6	17.8



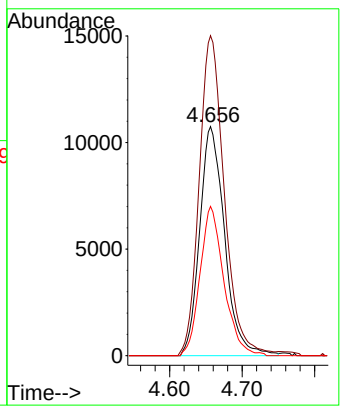


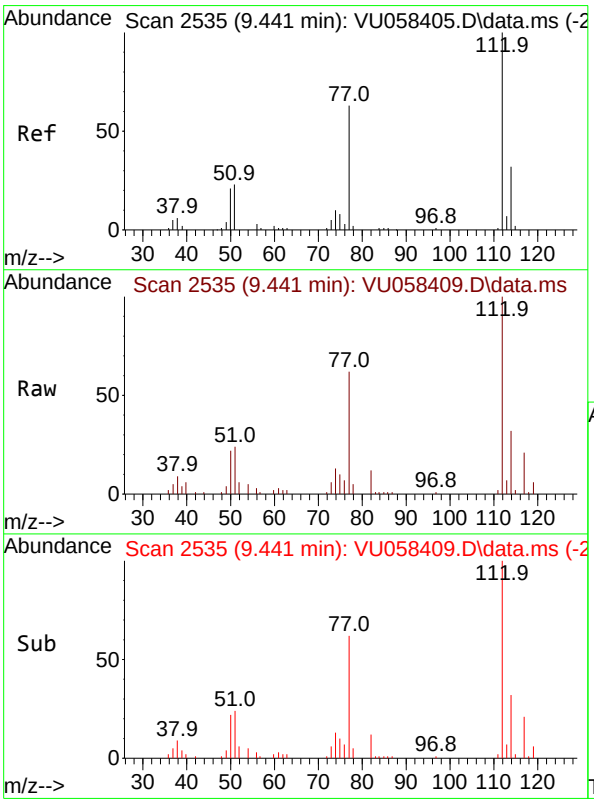
#22
cis-1,2-Dichloroethene
Concen: 3.693 ug/L
RT: 4.656 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20240328)

Tgt Ion: 96 Resp: 25655

Ion	Ratio	Lower	Upper
96	100		
61	139.6	98.1	182.3
98	65.2	43.6	81.0

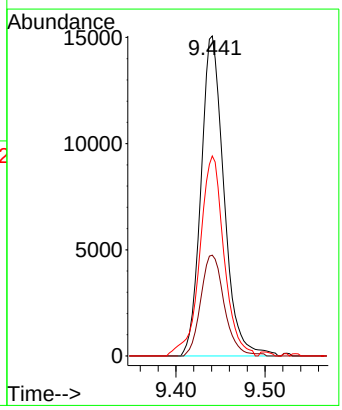


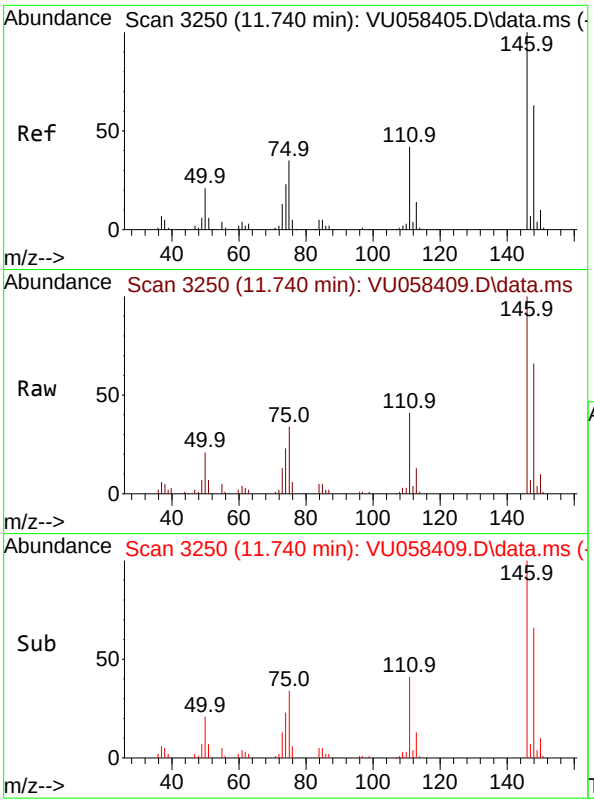


#51
Chlorobenzene
Concen: 1.468 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Tgt Ion:112 Resp: 26968

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.4	41.6
77	62.5	50.1	75.1



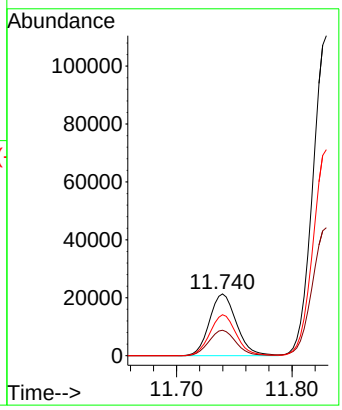


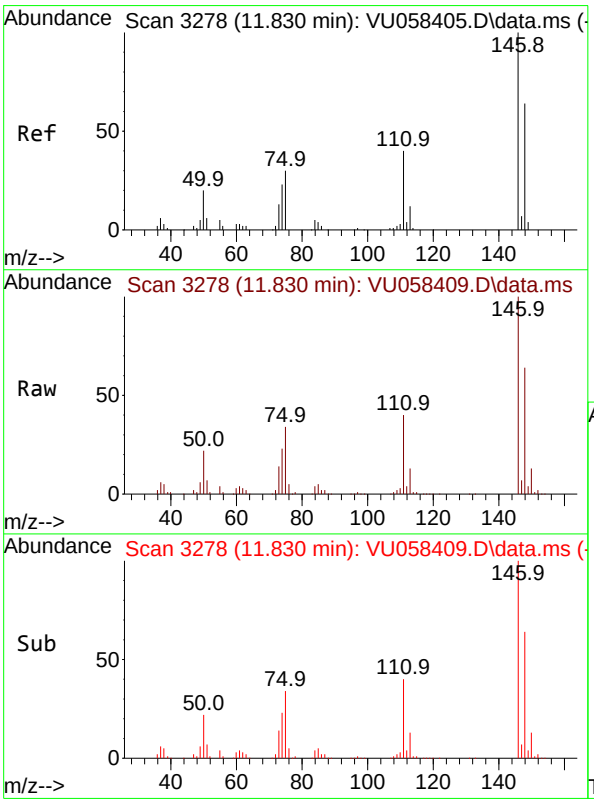
#64
1,3-Dichlorobenzene
Concen: 2.606 ug/L
RT: 11.740 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20240328)

Tgt Ion:146 Resp: 34659

Ion	Ratio	Lower	Upper
146	100		
111	41.1	28.8	53.4
148	66.2	44.9	83.3

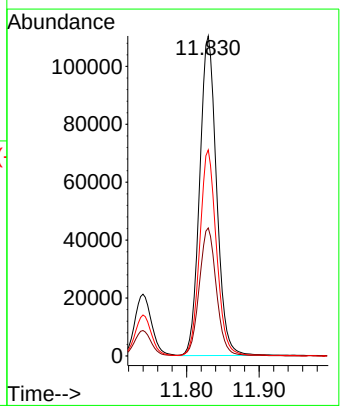


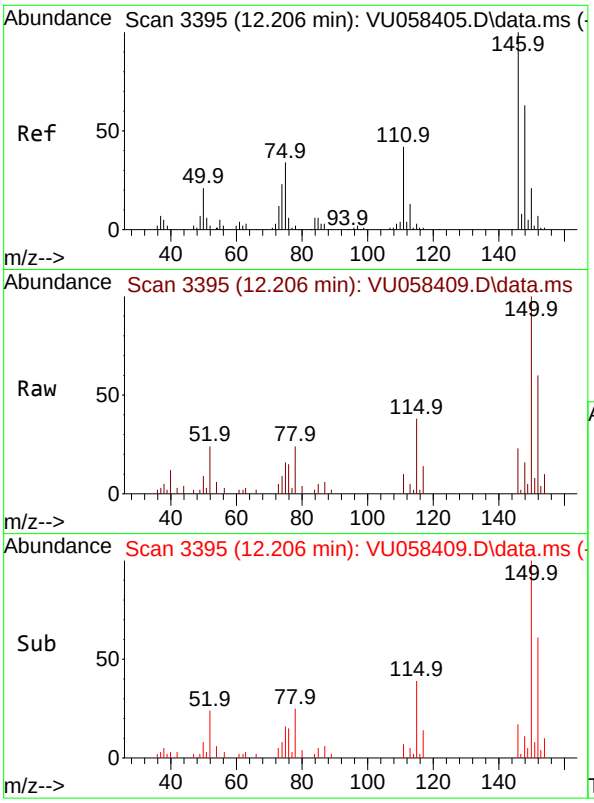


#65
1,4-Dichlorobenzene
Concen: 13.798 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Tgt Ion:146 Resp: 178780

Ion	Ratio	Lower	Upper
146	100		
111	40.0	28.8	53.6
148	64.4	45.3	84.1





#67
1,2-Dichlorobenzene
Concen: 0.214 ug/L
RT: 12.206 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20240328)

Tgt Ion:146 Resp: 2594

Ion	Ratio	Lower	Upper
146	100		
111	42.2	35.0	52.4
148	69.9	52.5	78.7