Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
Data File : VU055198.D
Acq On : 07 Sep 2023 19:02
Operator : MD/SY
Sample : 04286-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 08 05:10:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 08 05:04:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166237	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	167455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81782	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25046	3.215	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.200%			
7) Chloroethane-d5	1.908	69	34718	3.850	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.000%			
11) 1,1-Dichloroethene-d2	2.563	65	16697	3.761	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.200%			
20) 2-Butanone-d5	4.628	46	122950	54.380	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.760%			
24) Chloroform-d	5.062	84	93124	4.504	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
26) 1,2-Dichloroethane-d4	5.702	65	49874	4.822	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	5.727	84	170785	4.132	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.600%			
36) 1,2-Dichloropropane-d6	6.689	67	61293	4.662	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.200%			
41) Toluene-d8	7.898	98	146502	3.848	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.000%			
43) trans-1,3-Dichloroprop...	8.184	79	14974	4.136	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.800%			
46) 2-Hexanone-d5	8.637	63	64016	43.553	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.100%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	46259	5.003	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.000%			
66) 1,2-Dichlorobenzene-d4	12.193	152	55666	4.663	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.200%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3144	0.320	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	35957	3.767	ug/L	100
34) Trichloroethene	6.541	95	38541	3.891	ug/L	96
35) Methylcyclohexane	6.689	83	12949	0.932	ug/L #	22
37) 1,2-Dichloropropane	6.695	63	7114	0.733	ug/L #	88
47) Tetrachloroethene	8.554	164	22004	3.214	ug/L	93
48) 2-Hexanone	8.689	43	24464	5.643	ug/L #	91
49) Dibromochloromethane	8.554	129	22384	3.138	ug/L #	9

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

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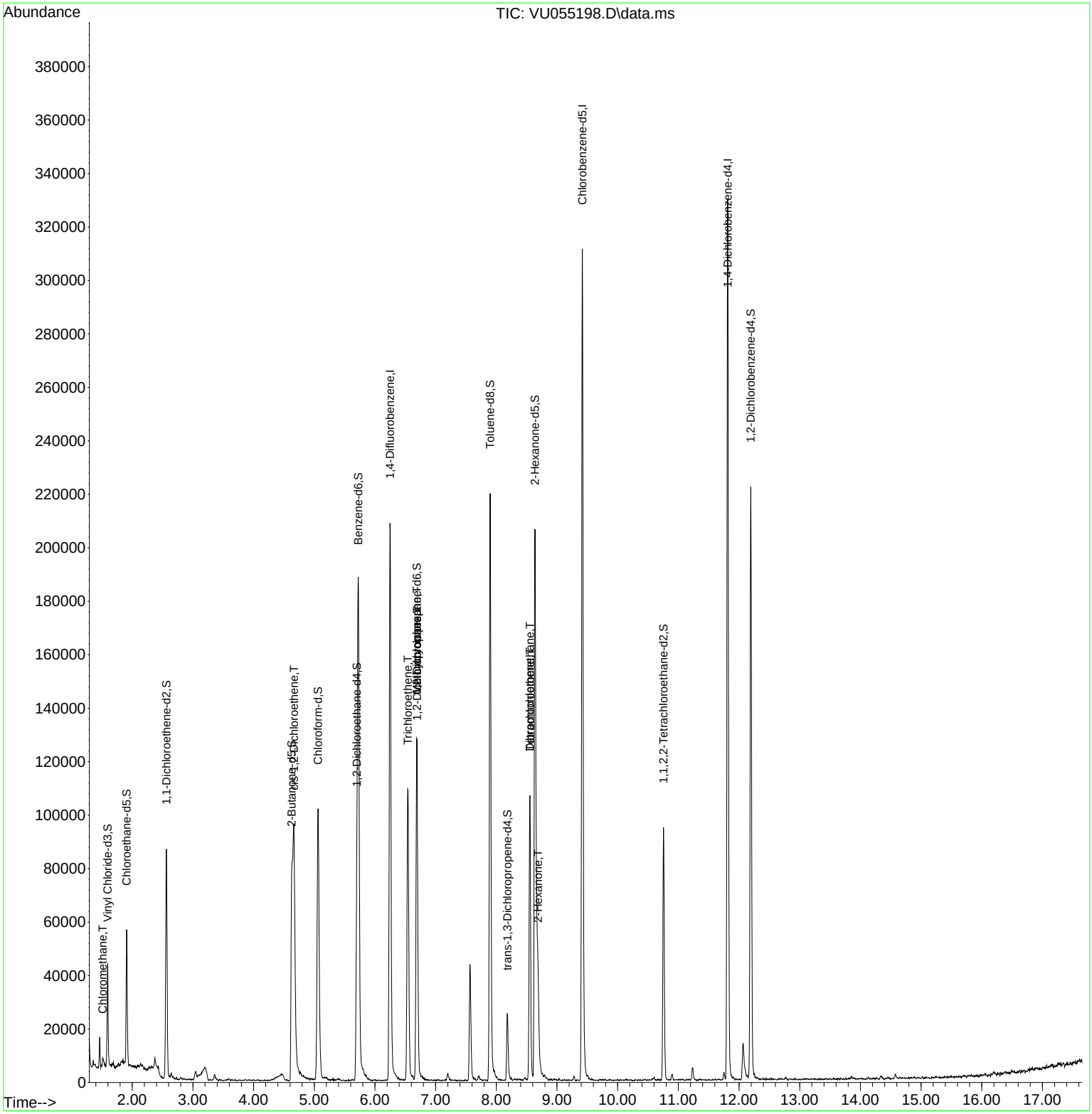
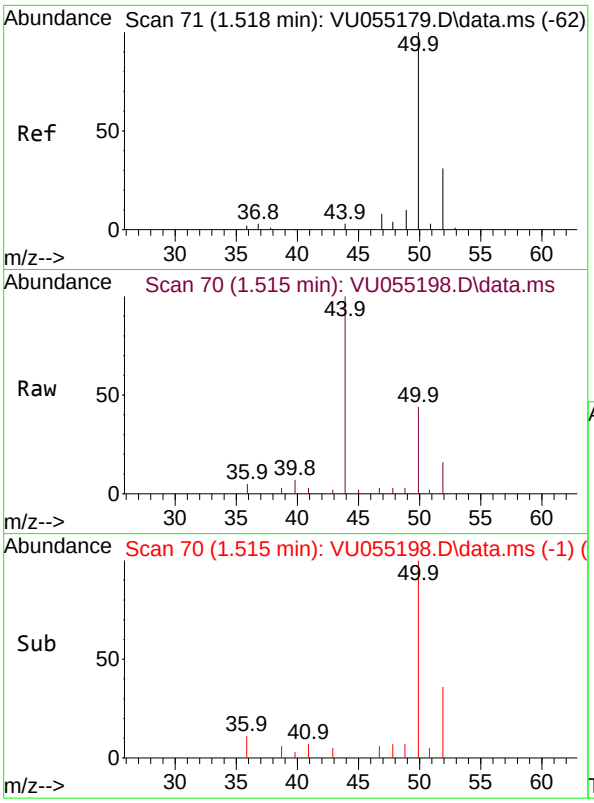


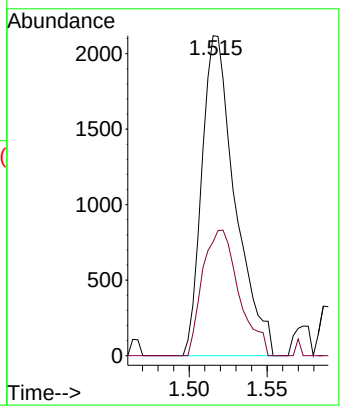


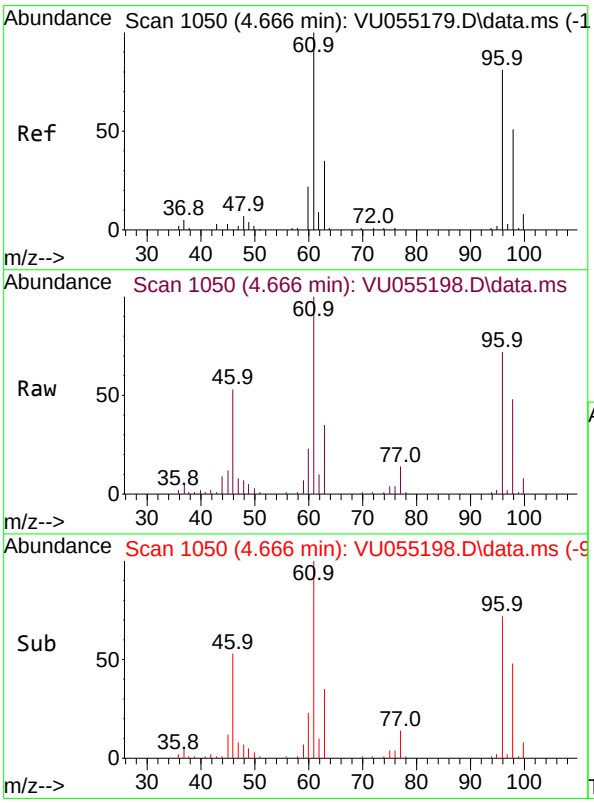
#3
Chloromethane
Concen: 0.320 ug/L
RT: 1.515 min Scan# 7
Delta R.T. -0.003 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 3144

Ion	Ratio	Lower	Upper
50	100		
52	35.6	22.5	41.7

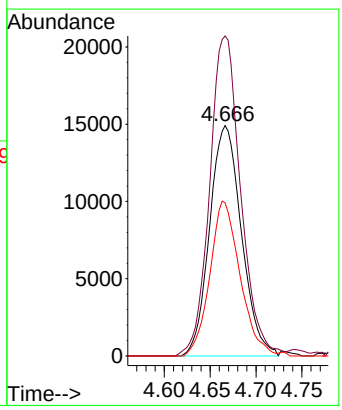


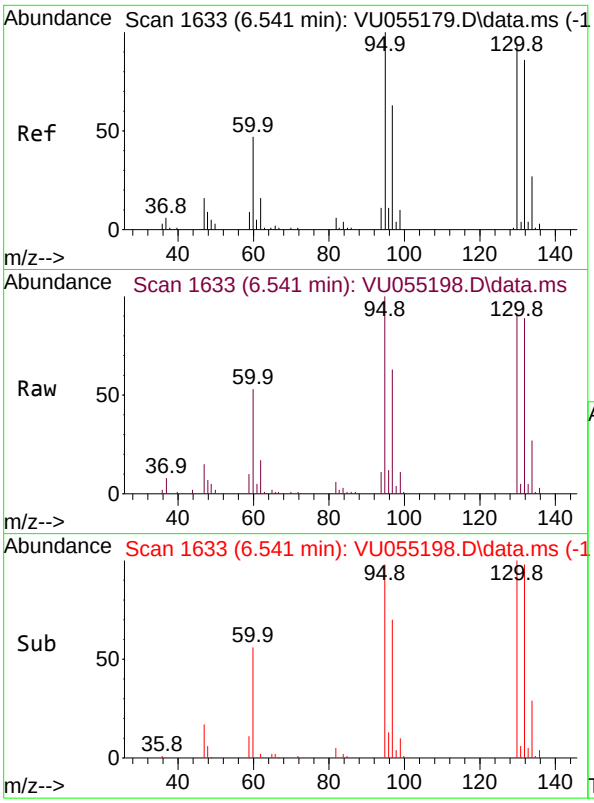


#22
cis-1,2-Dichloroethene
Concen: 3.767 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Tgt Ion: 96 Resp: 35957

Ion	Ratio	Lower	Upper
96	100		
61	138.9	97.2	180.4
98	66.4	46.1	85.7



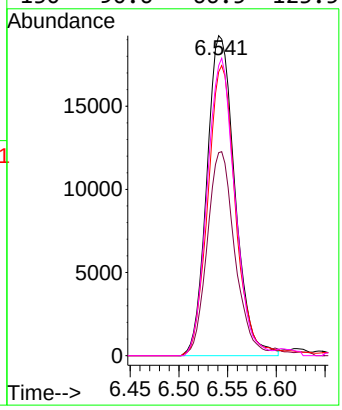


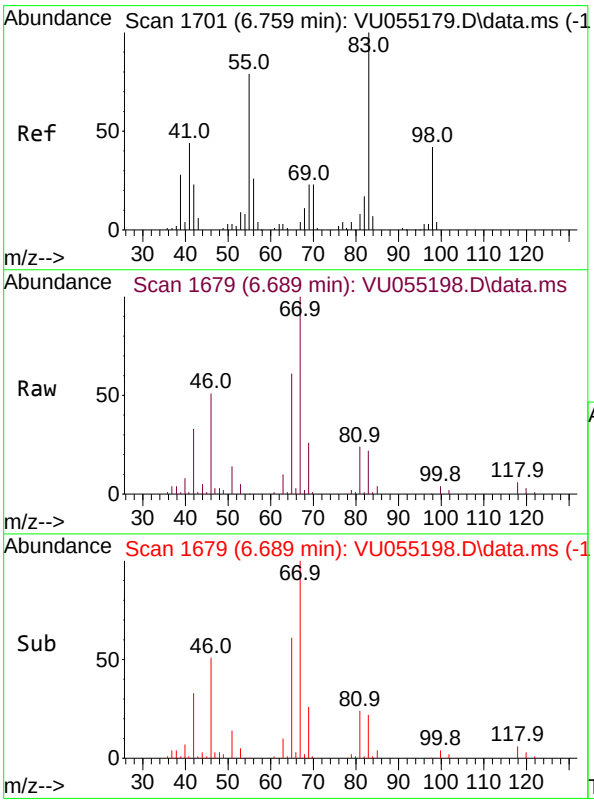
#34
Trichloroethene
Concen: 3.891 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 38541

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.7	83.1
132	88.7	66.6	123.6
130	90.6	66.5	123.5

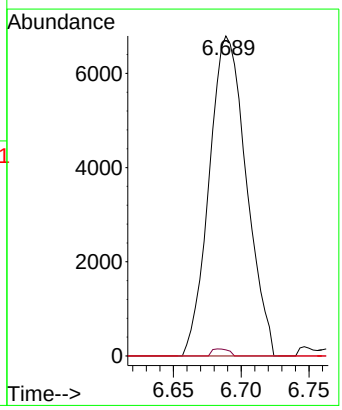


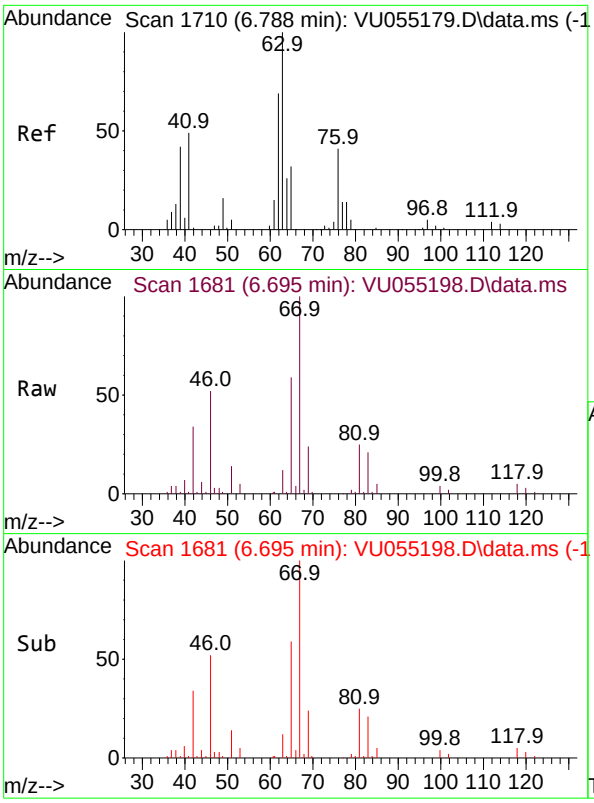


#35
Methylcyclohexane
Concen: 0.932 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Tgt Ion: 83 Resp: 12949

Ion	Ratio	Lower	Upper
83	100		
55	1.0	60.4	90.6#
98	4.0	35.3	52.9#



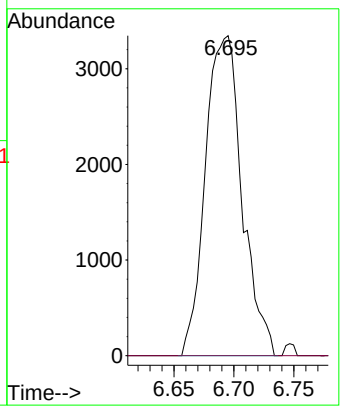


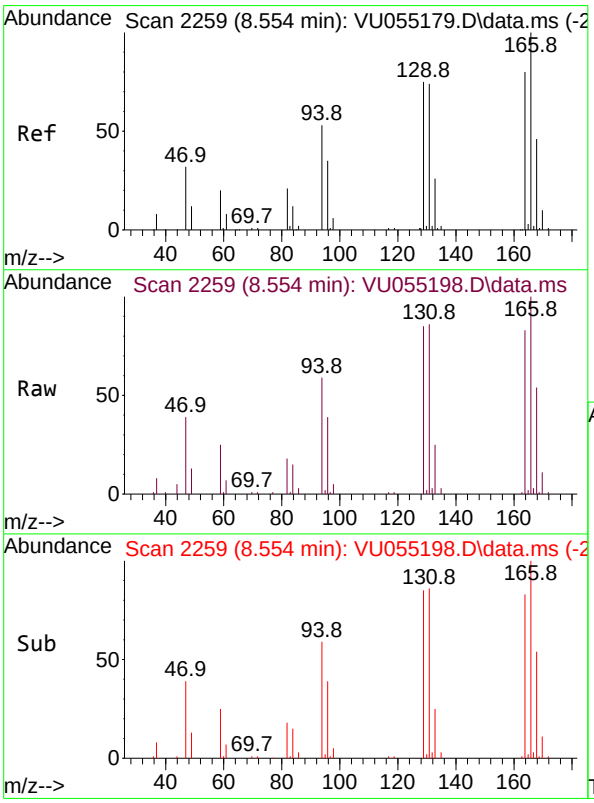
#37
1,2-Dichloropropane
Concen: 0.733 ug/L
RT: 6.695 min Scan# 1
Delta R.T. -0.093 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7114

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

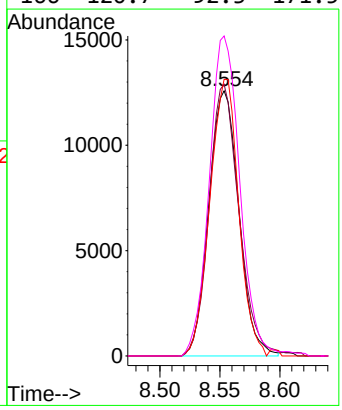


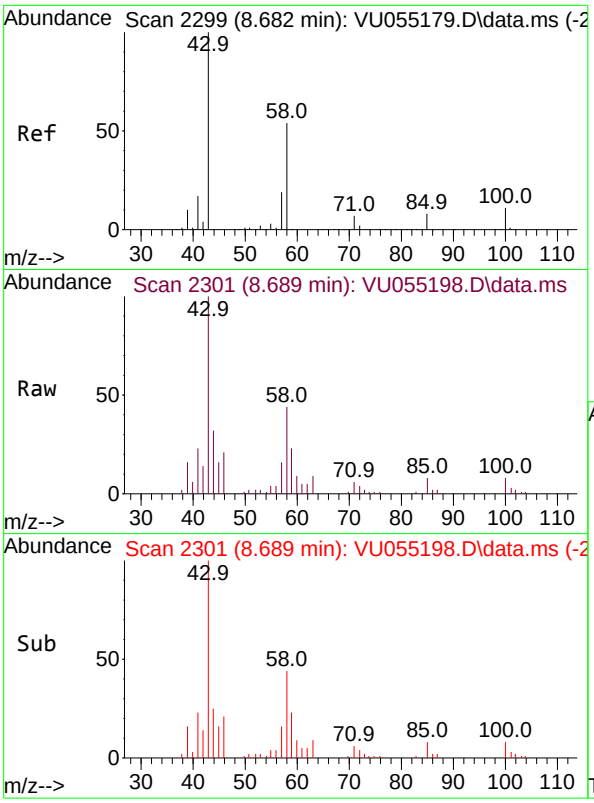


#47
Tetrachloroethene
Concen: 3.214 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.000 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Tgt Ion:164 Resp: 22004

Ion	Ratio	Lower	Upper
164	100		
129	102.4	69.2	128.6
131	104.3	68.8	127.8
166	120.7	92.3	171.5



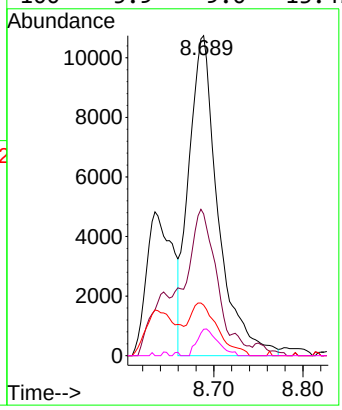


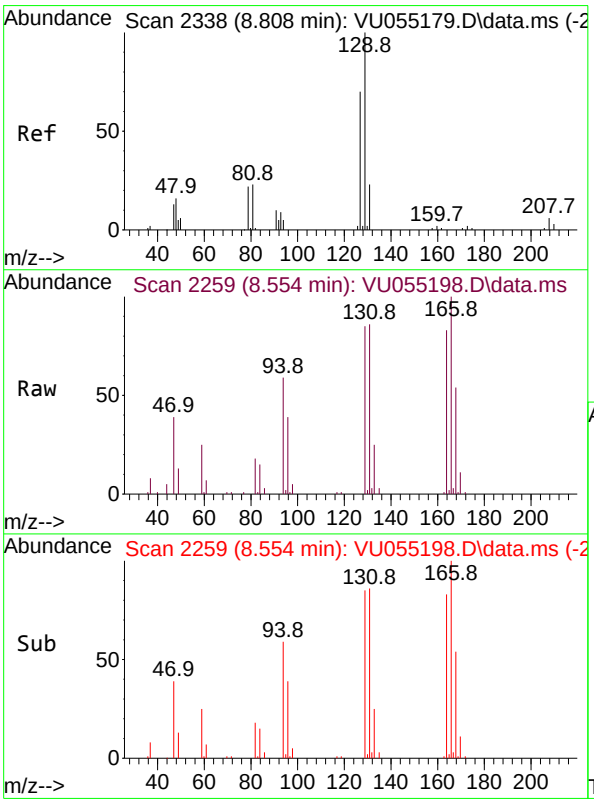
#48
2-Hexanone
Concen: 5.643 ug/L
RT: 8.689 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 24464

Ion	Ratio	Lower	Upper
43	100		
58	49.1	44.0	66.0
57	16.0	16.2	24.2#
100	5.9	9.0	13.4#





#49
Dibromochloromethane
Concen: 3.138 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Tgt Ion:129 Resp: 22384

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.9	103.7#