Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060923\
Data File : VU054475.D
Acq On : 09 Jun 2023 20:14
Operator : MD/SY
Sample : 03104-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0NM0

Quant Time: Jun 12 01:03:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 12 00:58:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	307014	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	293013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	134772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59529	3.047	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.000%			
7) Chloroethane-d5	1.914	69	65052	3.556	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.200%			
11) 1,1-Dichloroethene-d2	2.564	65	29325	3.360	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.200%			
20) 2-Butanone-d5	4.628	46	256451	46.683	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.360%			
24) Chloroform-d	5.059	84	167543	4.102	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.000%			
26) 1,2-Dichloroethane-d4	5.699	65	85365	4.288	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.800%			
32) Benzene-d6	5.724	84	310284	3.809	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.200%			
36) 1,2-Dichloropropane-d6	6.686	67	116081	4.267	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.400%			
41) Toluene-d8	7.895	98	270220	3.738	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.800%			
43) trans-1,3-Dichloroprop...	8.178	79	35981	3.804	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.000%			
46) 2-Hexanone-d5	8.631	63	154994	39.056	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.120%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87571	4.317	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	105010	4.619	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.400%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.580	96	13429	0.603	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	77782	1.635	ug/L	97
22) cis-1,2-Dichloroethene	4.667	96	20991	0.802	ug/L	97
29) 1,1,1-Trichloroethane	5.313	97	3399216	85.552	ug/L	99
31) Carbon tetrachloride	5.313	117	449518	13.130	ug/L	100
34) Trichloroethene	6.538	95	2313103	83.065	ug/L	97
37) 1,2-Dichloropropane	6.686	63	11875	0.417	ug/L #	90
48) 2-Hexanone	8.679	43	16324	1.442	ug/L #	95
61) 1,2,3-Trichloropropane	11.808	75	17609	1.293	ug/L #	69

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

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Quant Time: Jun 12 01:03:40 2023
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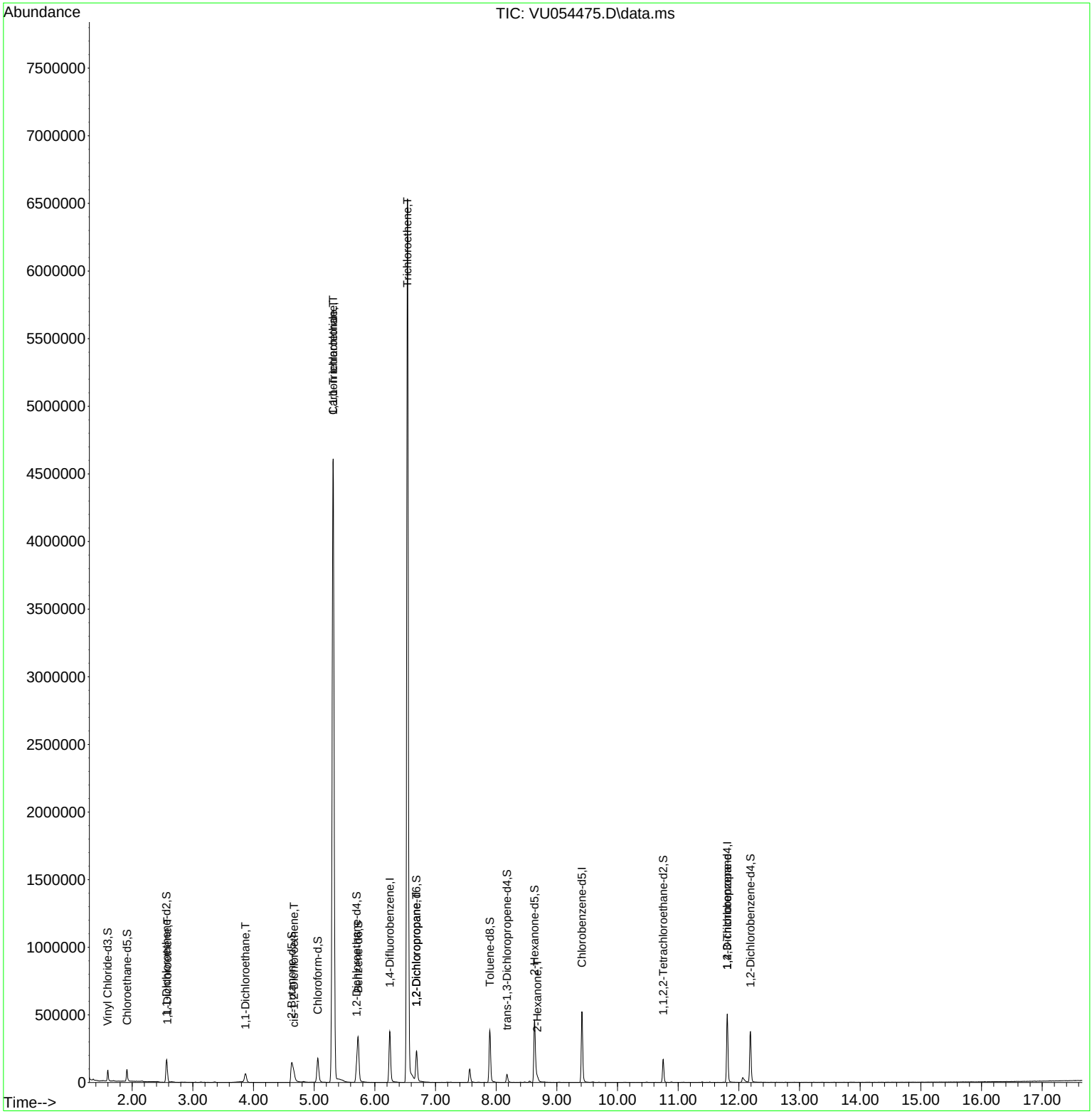
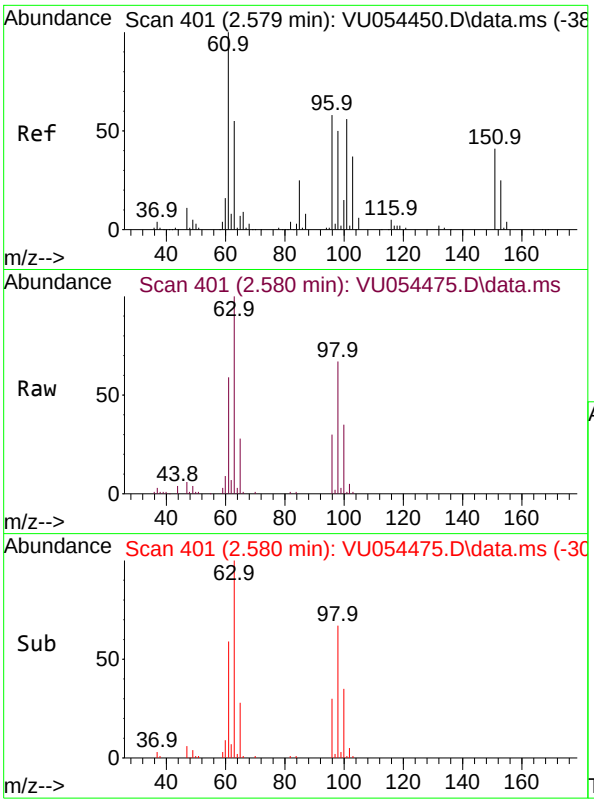
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 12 00:58:03 2023
Response via : Initial Calibration



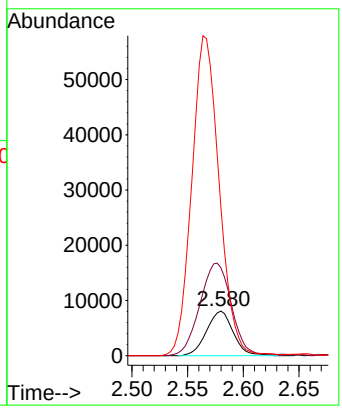


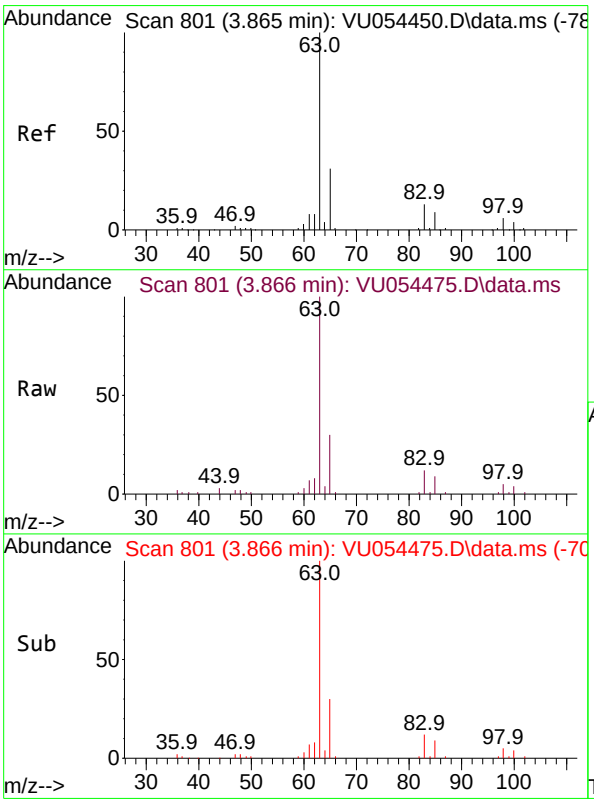
#12
1,1-Dichloroethene
Concen: 0.603 ug/L
RT: 2.580 min Scan# 4(
Delta R.T. 0.000 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
C0NM0

Tgt Ion: 96 Resp: 13429

Ion	Ratio	Lower	Upper
96	100		
61	197.0	119.9	222.7
63	332.9	64.3	119.3#

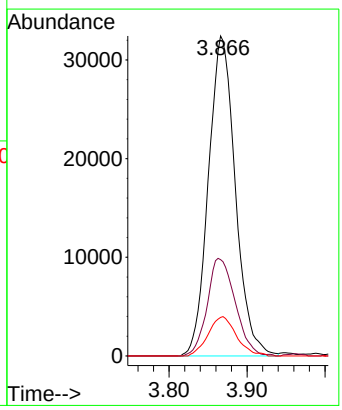


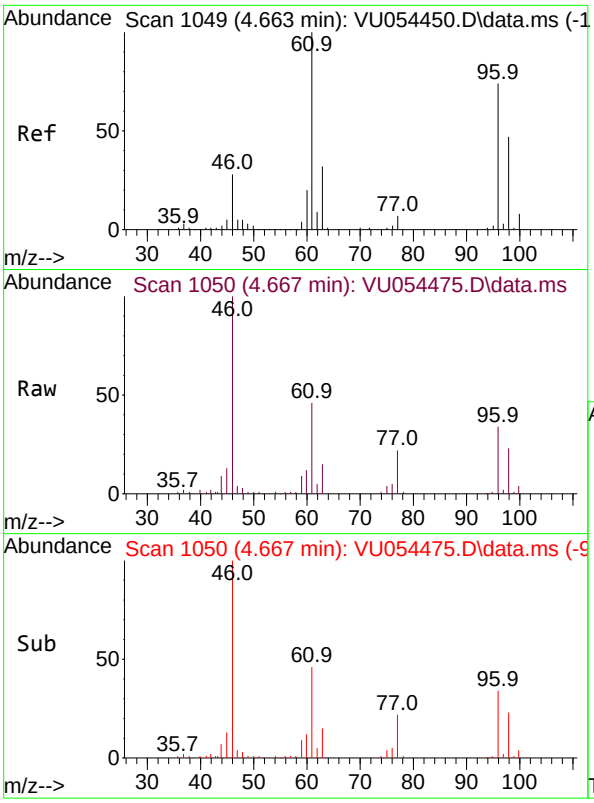


#19
1,1-Dichloroethane
Concen: 1.635 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

Tgt Ion: 63 Resp: 77782

Ion	Ratio	Lower	Upper
63	100		
65	30.1	22.2	41.2
83	12.1	9.0	16.6



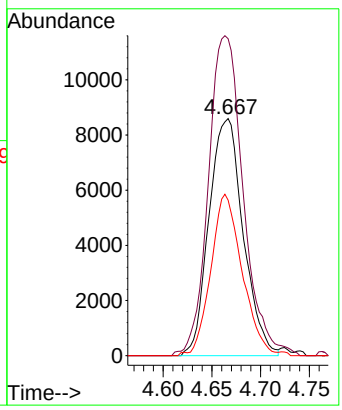


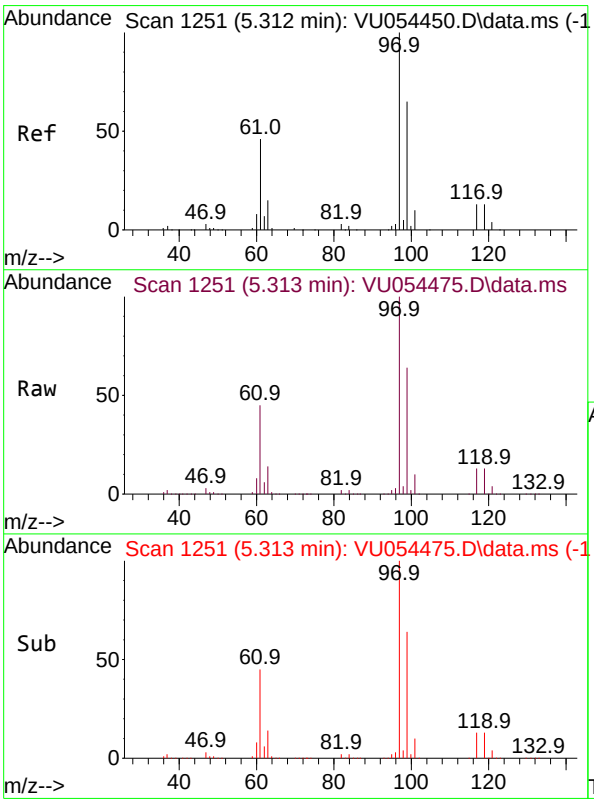
#22
cis-1,2-Dichloroethene
Concen: 0.802 ug/L
RT: 4.667 min Scan# 1
Delta R.T. 0.004 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
C0NM0

Tgt Ion: 96 Resp: 20991

Ion	Ratio	Lower	Upper
96	100		
61	133.7	96.5	179.1
98	65.6	44.9	83.3

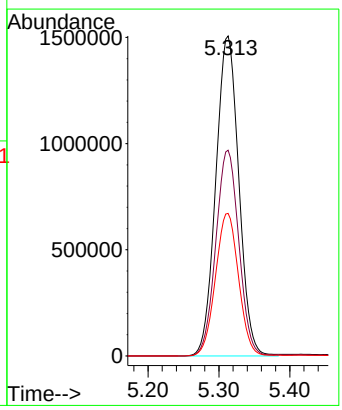


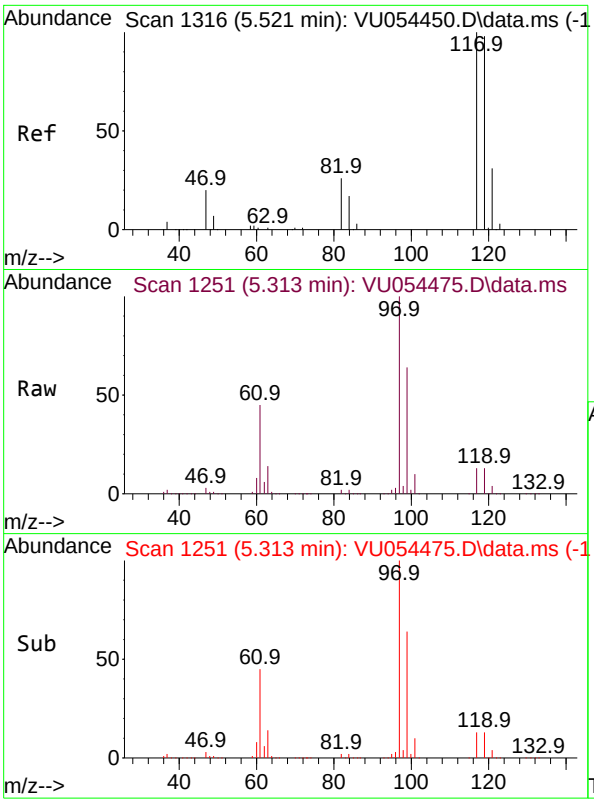


#29
1,1,1-Trichloroethane
Concen: 85.552 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

Tgt Ion: 97 Resp: 3399216

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	44.8	36.1	54.1



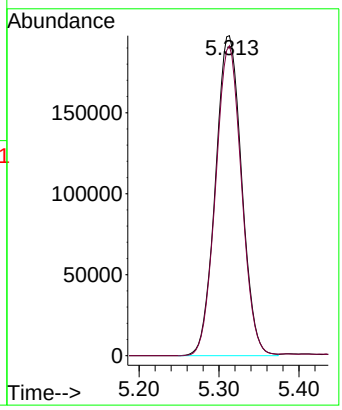


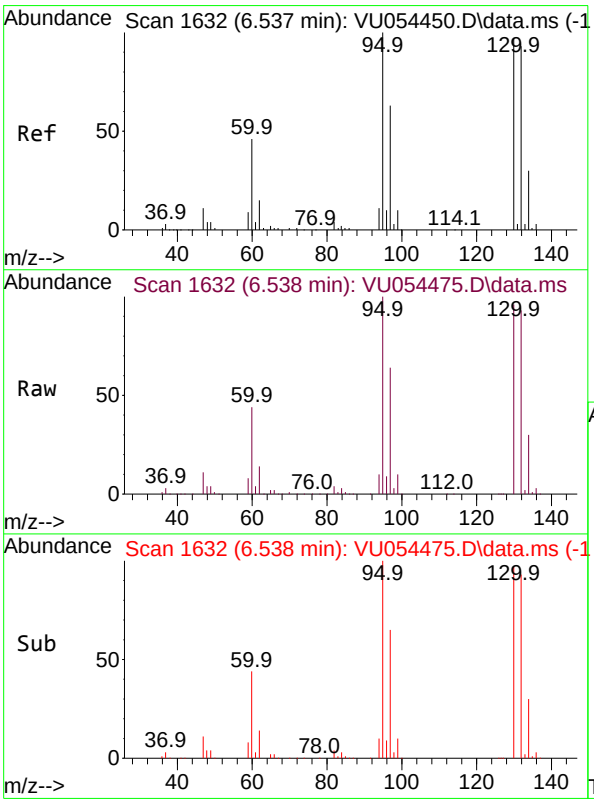
#31
Carbon tetrachloride
Concen: 13.130 ug/L
RT: 5.313 min Scan# 1
Delta R.T. -0.209 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
C0NM0

Tgt Ion:117 Resp: 449518

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.8	115.2

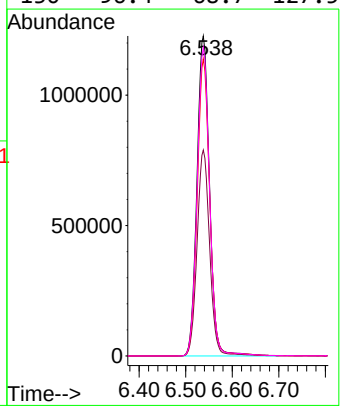


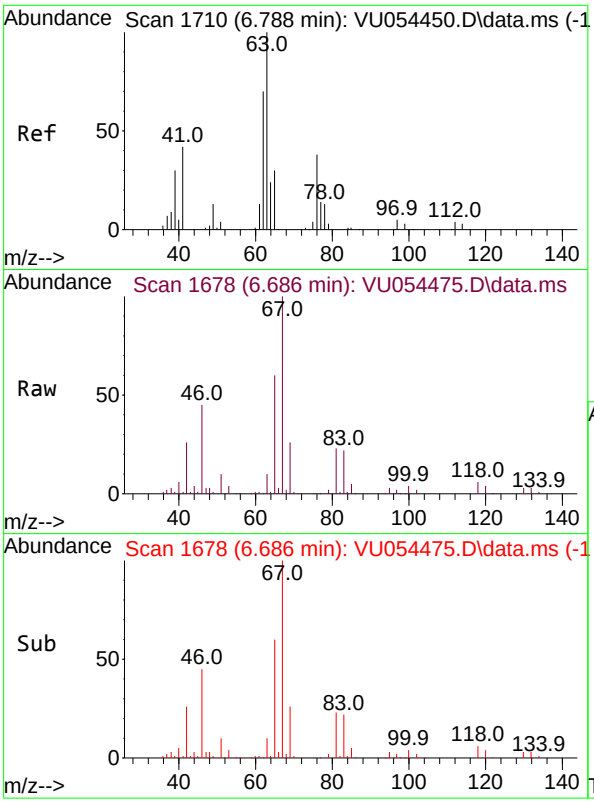


#34
Trichloroethene
Concen: 83.065 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

Tgt Ion: 95 Resp: 2313103

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.8	87.0
132	92.8	68.4	127.0
130	96.4	68.7	127.5



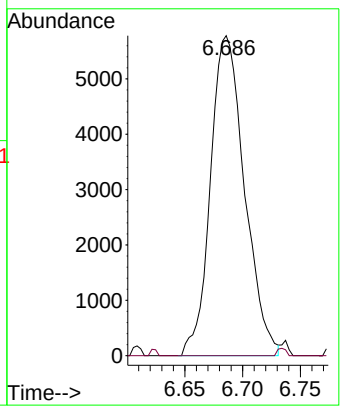


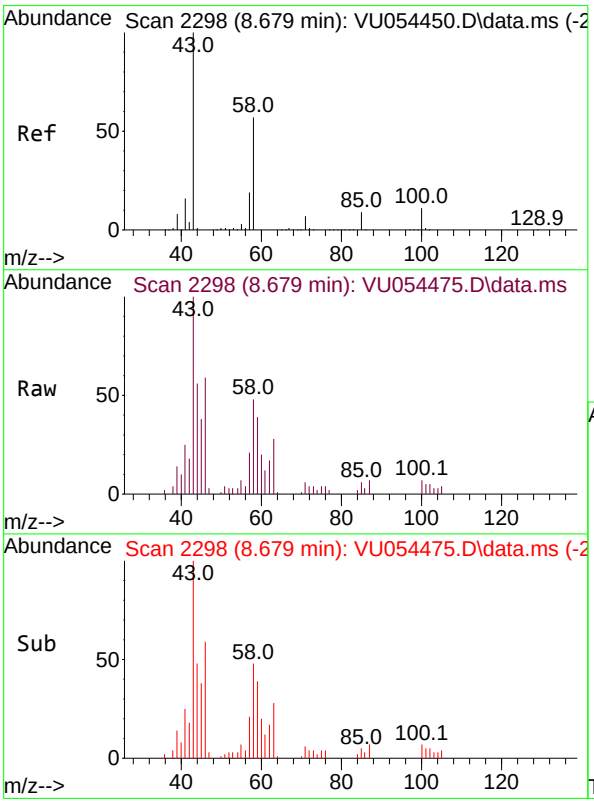
#37
1,2-Dichloropropane
Concen: 0.417 ug/L
RT: 6.686 min Scan# 1
Delta R.T. -0.102 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
C0NM0

Tgt Ion: 63 Resp: 11875

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.0	4.6#

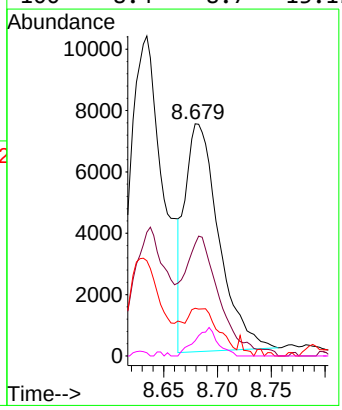


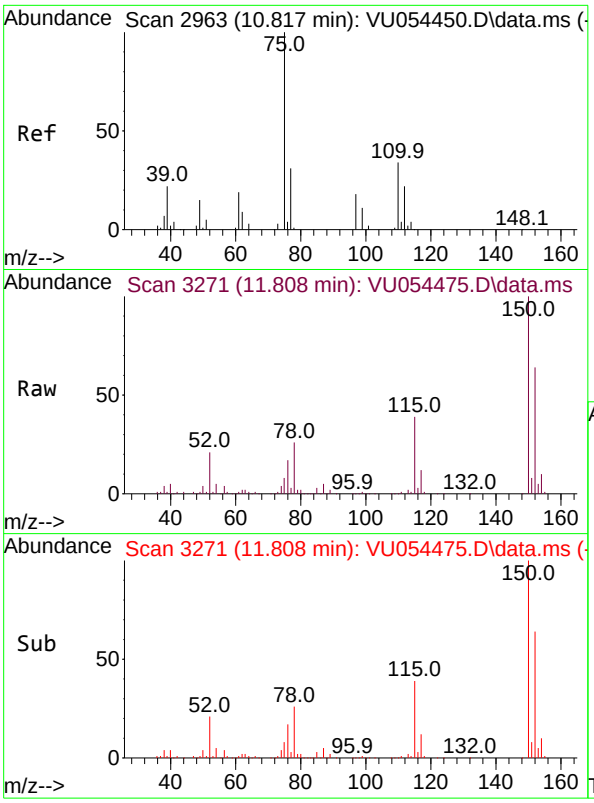


#48
2-Hexanone
Concen: 1.442 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

Tgt Ion: 43 Resp: 16324

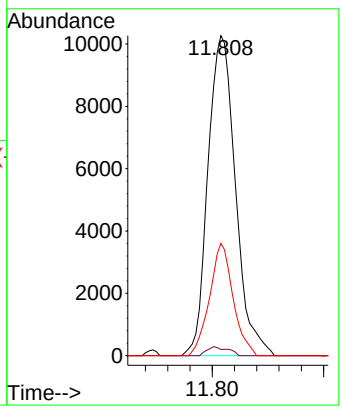
Ion	Ratio	Lower	Upper
43	100		
58	53.0	45.2	67.8
57	18.2	15.8	23.6
100	8.4	8.7	13.1#





#61
1,2,3-Trichloropropane
Concen: 1.293 ug/L
RT: 11.808 min Scan# 3
Delta R.T. 0.991 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

Instrument :
MSVOA_U
ClientSampleId :
C0NM0

Tgt Ion: 75 Resp: 17609

Ion	Ratio	Lower	Upper
75	100		
110	2.2	28.0	42.0#
77	30.0	25.4	38.2