Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
Data File : VU057338.D
Acq On : 28 Dec 2023 17:08
Operator : MD/SY
Sample : 06021-09DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 28 21:38:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 21:37:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	242339	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	94668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	86538	4.154	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.000%			
7) Chloroethane-d5	1.911	69	79033	4.723	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.400%			
11) 1,1-Dichloroethene-d2	2.560	65	34239	4.129	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.600%			
20) 2-Butanone-d5	4.640	46	193751	41.061	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.120%			
24) Chloroform-d	5.055	84	165698	4.473	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
26) 1,2-Dichloroethane-d4	5.695	65	83335	4.402	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.000%			
32) Benzene-d6	5.721	84	303643	4.412	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
36) 1,2-Dichloropropane-d6	6.685	67	101199	4.692	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.800%			
41) Toluene-d8	7.894	98	238918	4.024	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.400%			
43) trans-1,3-Dichloroprop...	8.177	79	35340	4.084	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.600%			
46) 2-Hexanone-d5	8.634	63	142108	36.258	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.520%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	75119	4.147	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	82145	4.765	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	6644	0.328	ug/L #	78
16) Methylene chloride	3.042	84	7026	0.344	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	6768	0.373	ug/L	93
29) 1,1,1-Trichloroethane	5.309	97	16882	0.552	ug/L	94
34) Trichloroethene	6.537	95	89089	4.807	ug/L	96
35) Methylcyclohexane	6.685	83	24100	0.995	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	10567	0.546	ug/L #	90
48) 2-Hexanone	8.630	43	19566	2.691	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	12184	1.233	ug/L #	70

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

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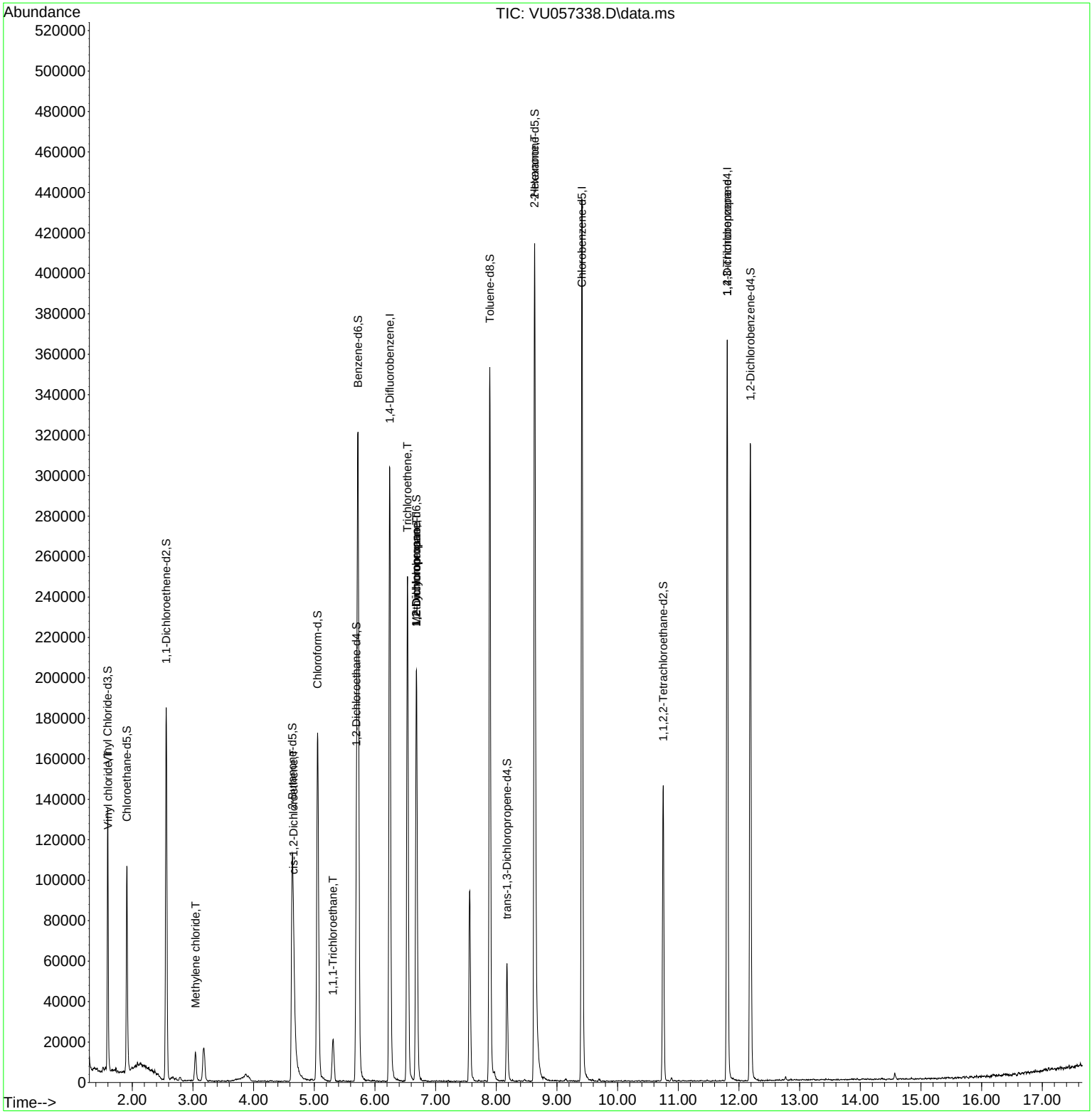
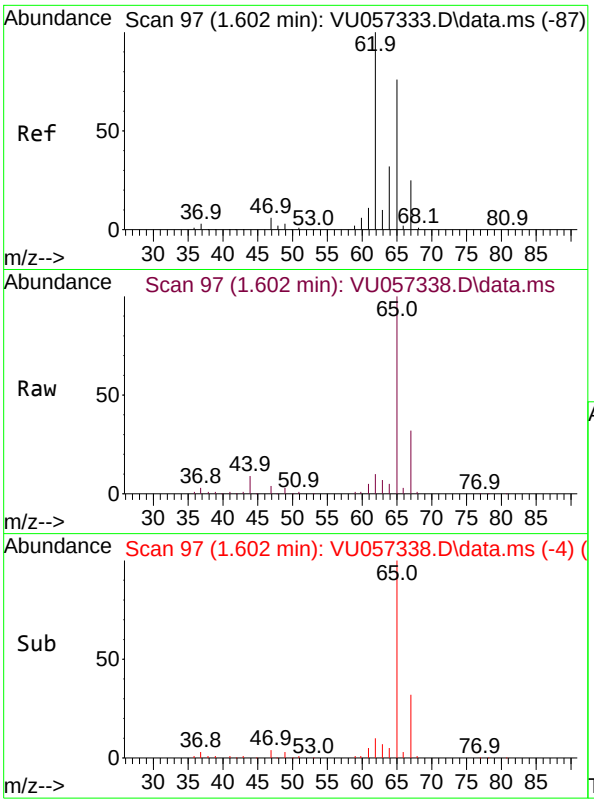


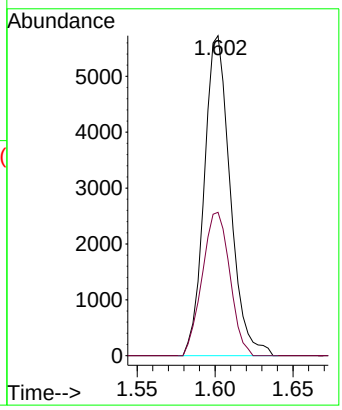


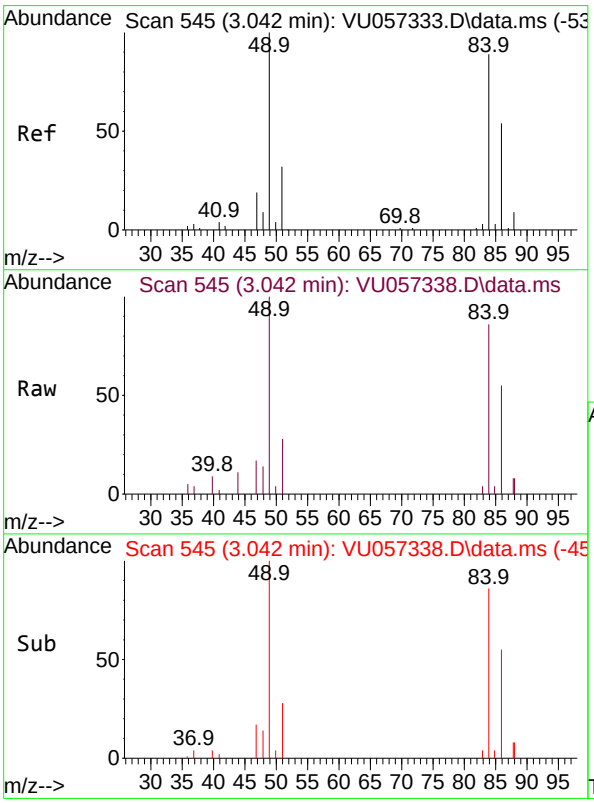
#5
Vinyl chloride
Concen: 0.328 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU057338.D
Acq: 28 Dec 2023 17:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 6644

Ion	Ratio	Lower	Upper
62	100		
64	44.8	22.8	42.4#

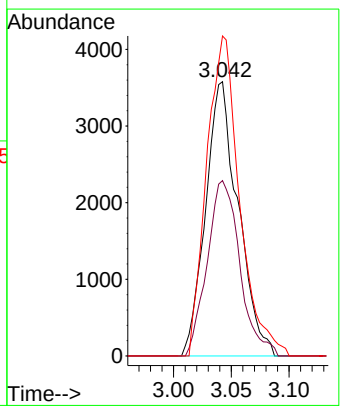


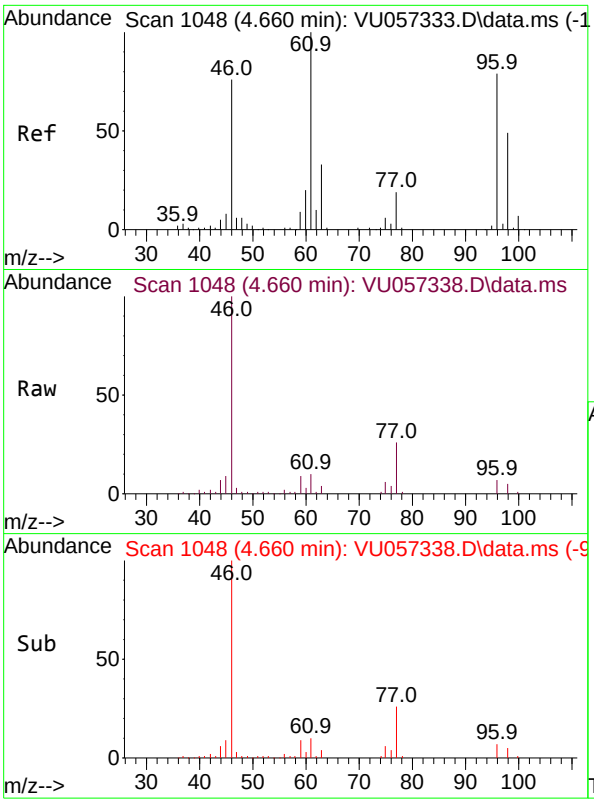


#16
Methylene chloride
Concen: 0.344 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU057338.D
Acq: 28 Dec 2023 17:08

Tgt Ion: 84 Resp: 7026

Ion	Ratio	Lower	Upper
84	100		
86	63.9	43.8	81.3
49	116.7	83.2	154.4



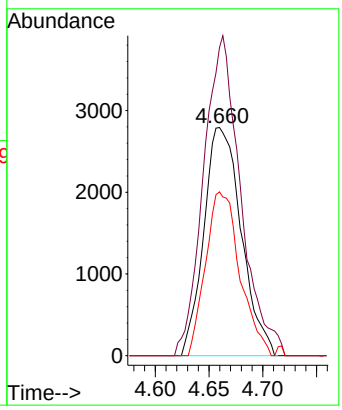


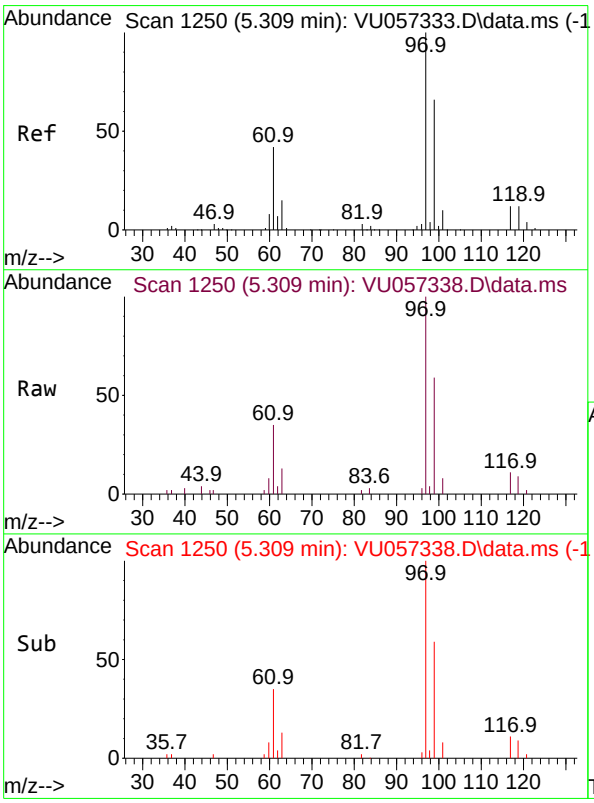
#22
cis-1,2-Dichloroethene
Concen: 0.373 ug/L
RT: 4.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057338.D
Acq: 28 Dec 2023 17:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 6768

Ion	Ratio	Lower	Upper
96	100		
61	135.0	91.1	169.3
98	71.8	42.6	79.0

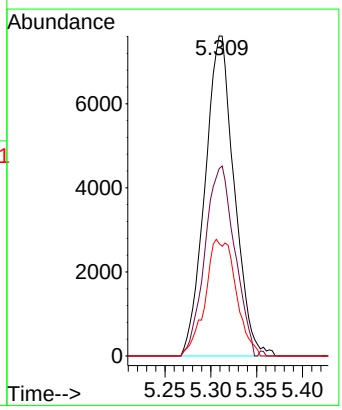


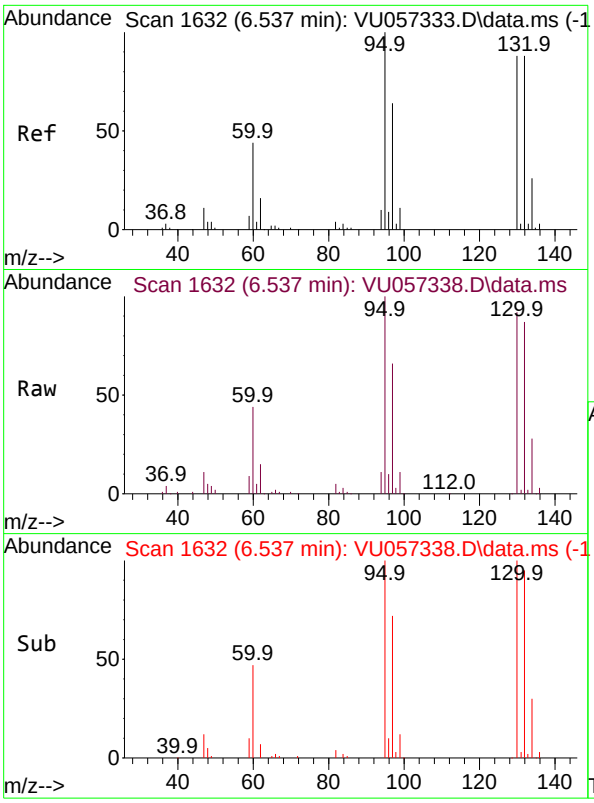


#29
1,1,1-Trichloroethane
Concen: 0.552 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU057338.D
Acq: 28 Dec 2023 17:08

Tgt Ion: 97 Resp: 16882

Ion	Ratio	Lower	Upper
97	100		
99	60.4	51.7	77.5
61	38.4	34.1	51.1



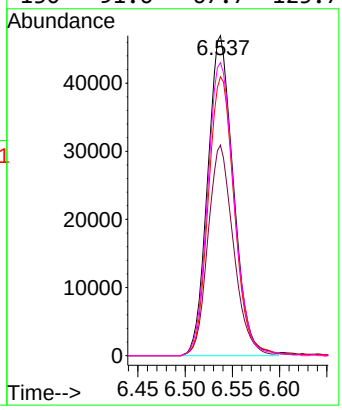


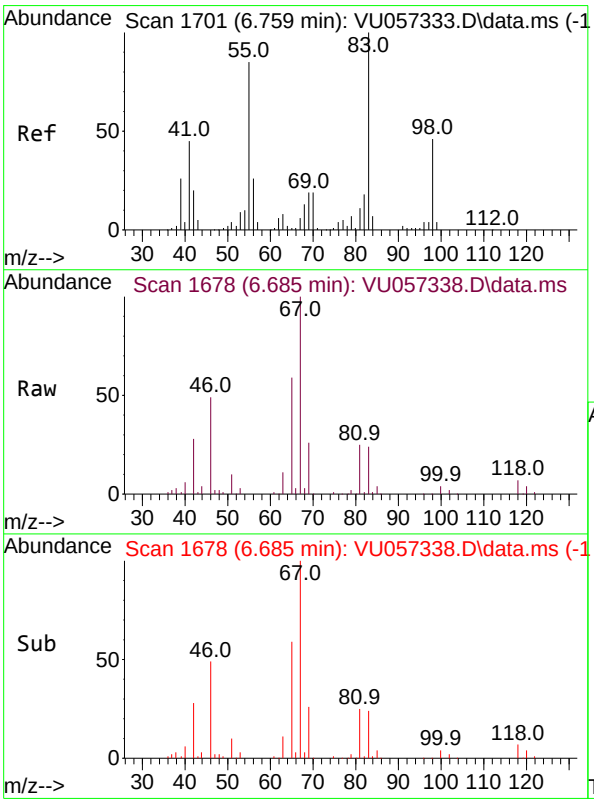
#34
Trichloroethene
Concen: 4.807 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057338.D
Acq: 28 Dec 2023 17:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 89089

Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.3	84.1
132	87.2	63.1	117.3
130	91.6	67.7	125.7

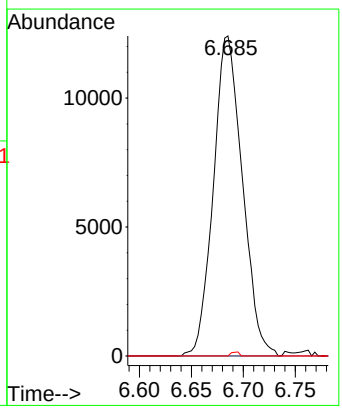


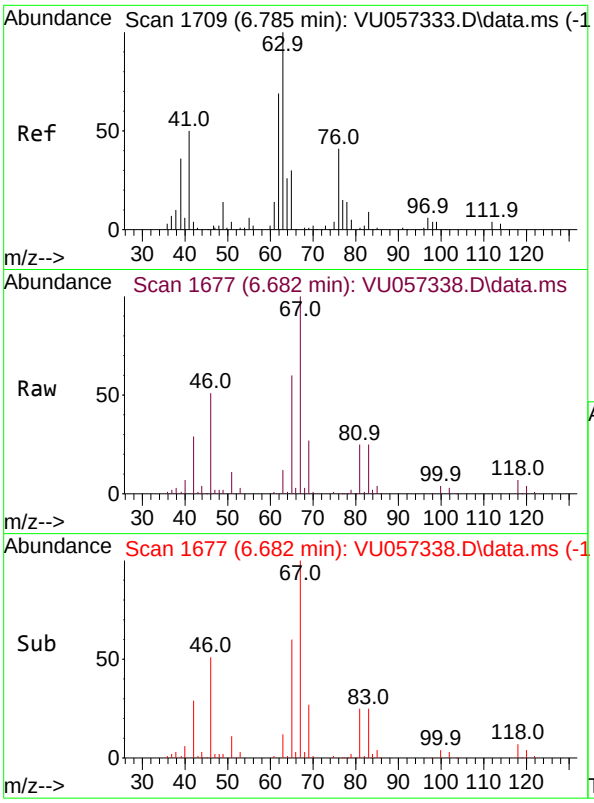


#35
Methylcyclohexane
Concen: 0.995 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057338.D
Acq: 28 Dec 2023 17:08

Tgt Ion: 83 Resp: 24100

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.4	98.2#
98	10.4	35.3	52.9#



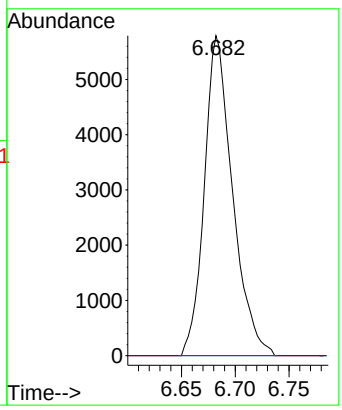


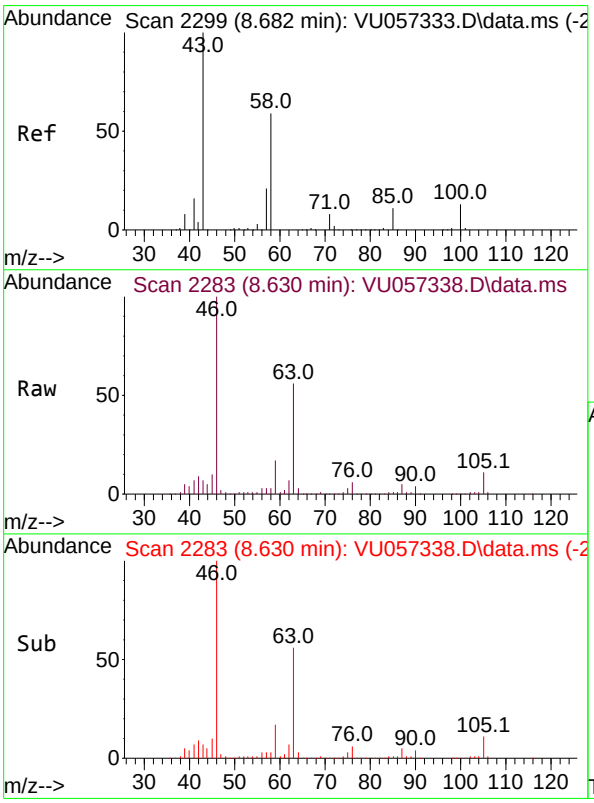
#37
1,2-Dichloropropane
Concen: 0.546 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057338.D
Acq: 28 Dec 2023 17:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 10567

Ion	Ratio	Lower	Upper
63	100		
112	0.2	2.9	4.3#

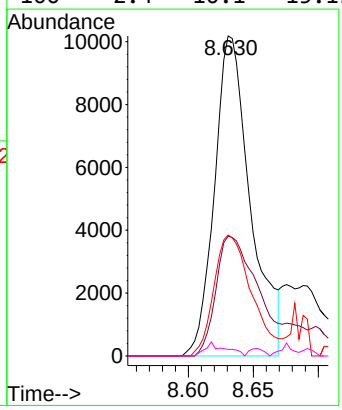


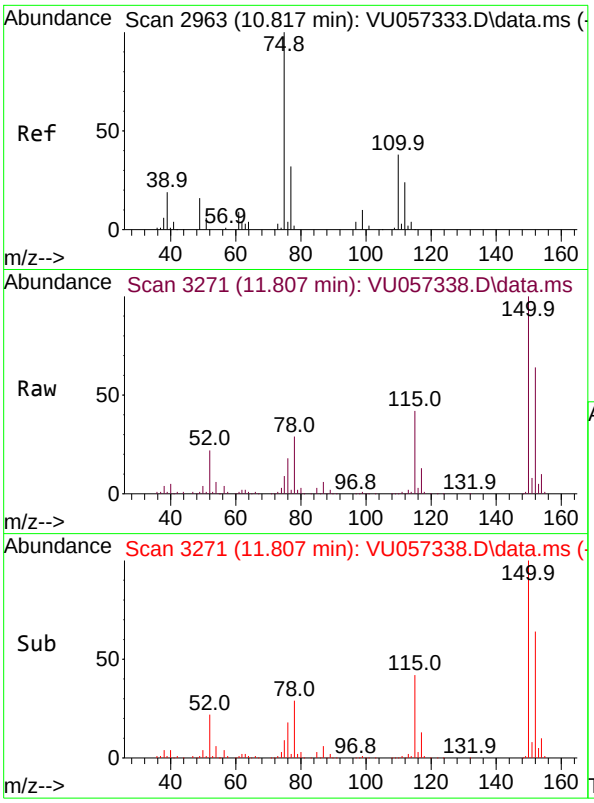


#48
2-Hexanone
Concen: 2.691 ug/L
RT: 8.630 min Scan# 2283
Delta R.T. -0.052 min
Lab File: VU057338.D
Acq: 28 Dec 2023 17:08

Tgt Ion: 43 Resp: 19566

Ion	Ratio	Lower	Upper
43	100		
58	43.6	48.4	72.6#
57	40.0	17.4	26.2#
100	2.4	10.1	15.1#





#61
1,2,3-Trichloropropane
Concen: 1.233 ug/L
RT: 11.807 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU057338.D
Acq: 28 Dec 2023 17:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 12184

Ion	Ratio	Lower	Upper
75	100		
110	3.5	29.0	43.6#
77	31.9	25.4	38.2