Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
Data File : VU057488.D
Acq On : 12 Jan 2024 17:29
Operator : MD/SY
Sample : P1062-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 13 01:39:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 13 01:34:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	270926	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	275238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103807	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	136488	4.965	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.400%			
7) Chloroethane-d5	1.914	69	116083	5.427	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.600%			
11) 1,1-Dichloroethene-d2	2.563	65	60452	5.201	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.000%			
20) 2-Butanone-d5	4.634	46	282417	54.318	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.640%			
24) Chloroform-d	5.055	84	256716	5.405	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.200%			
26) 1,2-Dichloroethane-d4	5.695	65	128331	5.611	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.200%			
32) Benzene-d6	5.721	84	477060	4.752	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%			
36) 1,2-Dichloropropane-d6	6.685	67	155434	4.966	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.400%			
41) Toluene-d8	7.894	98	378694	4.469	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.400%			
43) trans-1,3-Dichloroprop...	8.177	79	50704	4.660	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.200%			
46) 2-Hexanone-d5	8.631	63	182559	46.337	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.680%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	105584	4.994	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	117013	5.613	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	20901	1.023	ug/L	84
12) 1,1-Dichloroethene	2.570	96	4811	0.304	ug/L #	1
13) Acetone	2.660	43	21577	6.903	ug/L	79
14) Carbon disulfide	2.792	76	20137	0.455	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	16028	0.408	ug/L	99
19) 1,1-Dichloroethane	3.862	63	43005	1.213	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	19277	1.054	ug/L	98
34) Trichloroethene	6.537	95	97698	4.599	ug/L	99
35) Methylcyclohexane	6.682	83	35770	1.267	ug/L #	15
37) 1,2-Dichloropropane	6.685	63	16984	0.741	ug/L #	91
39) cis-1,3-Dichloropropene	7.563	75	3657	0.121	ug/L #	73
42) Toluene	7.965	91	46533	0.584	ug/L	99
47) Tetrachloroethene	8.553	164	7385	0.523	ug/L	94
49) Dibromochloromethane	8.547	129	7814	0.492	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	13852	1.426	ug/L #	68

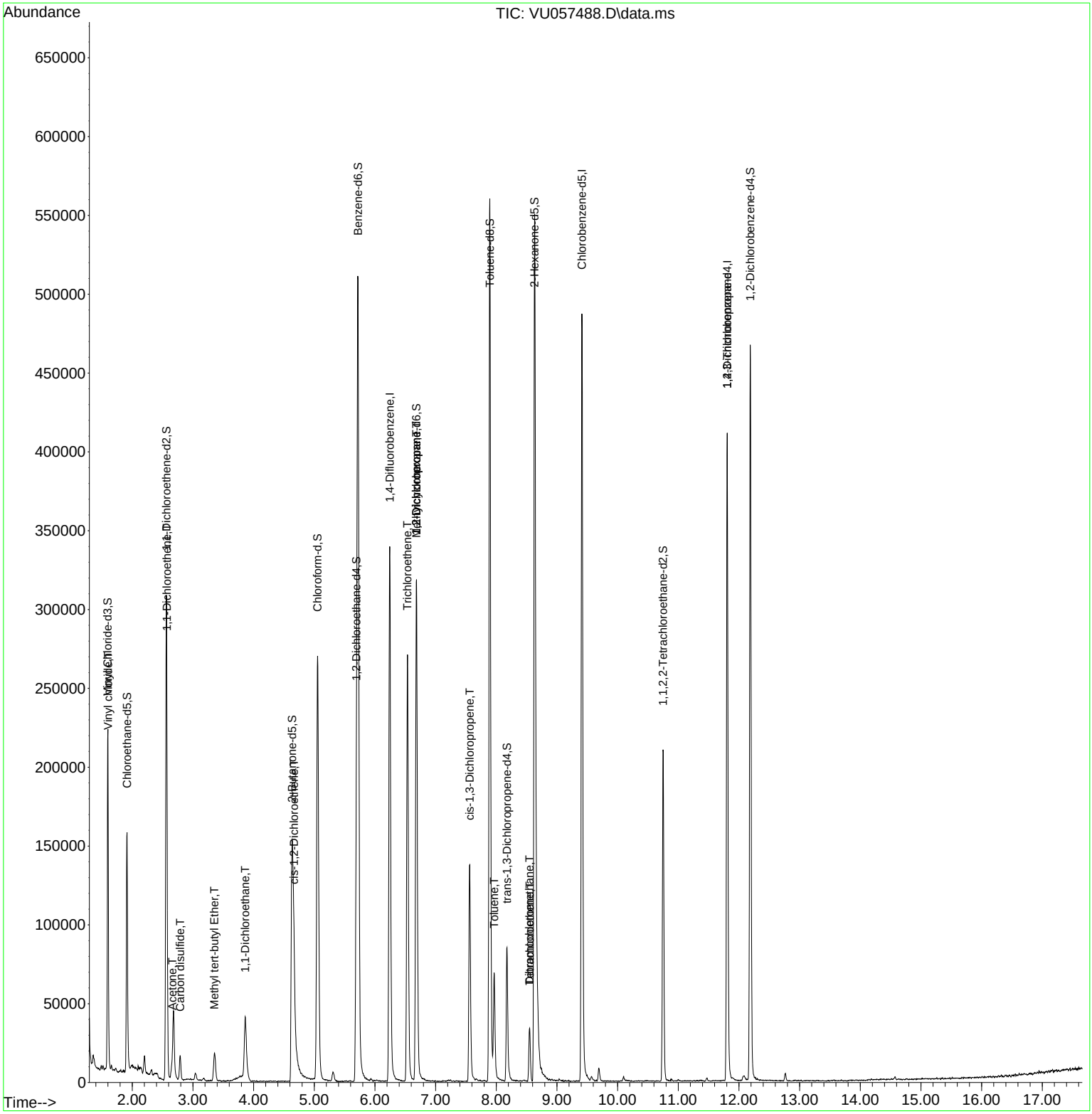
(#) = qualifier out of range (m) = manual integration (+) = signals summed

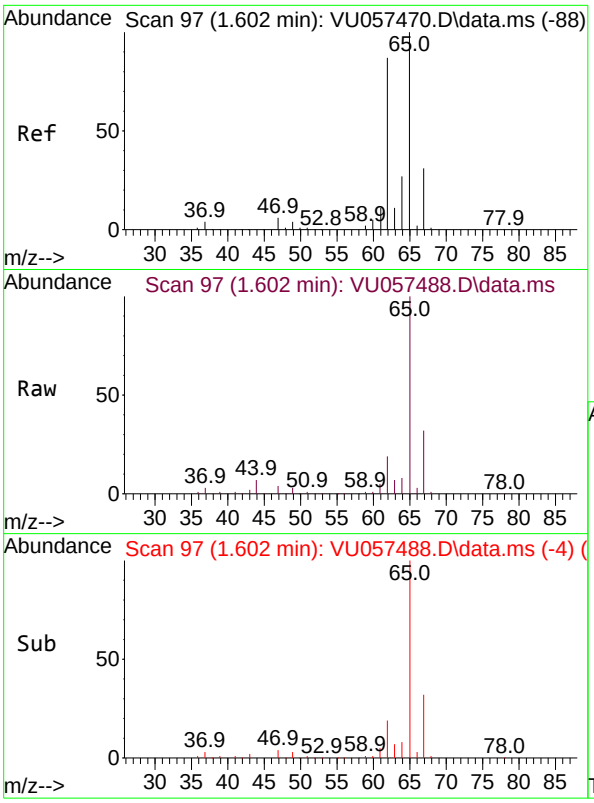
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
Data File : VU057488.D
Acq On : 12 Jan 2024 17:29
Operator : MD/SY
Sample : P1062-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 13 01:39:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 13 01:34:13 2024
Response via : Initial Calibration



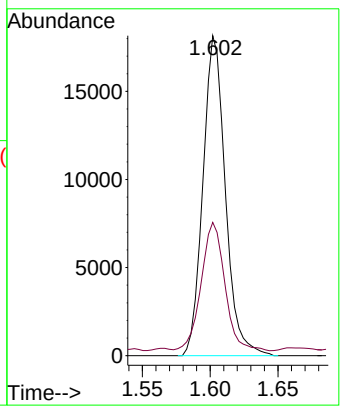


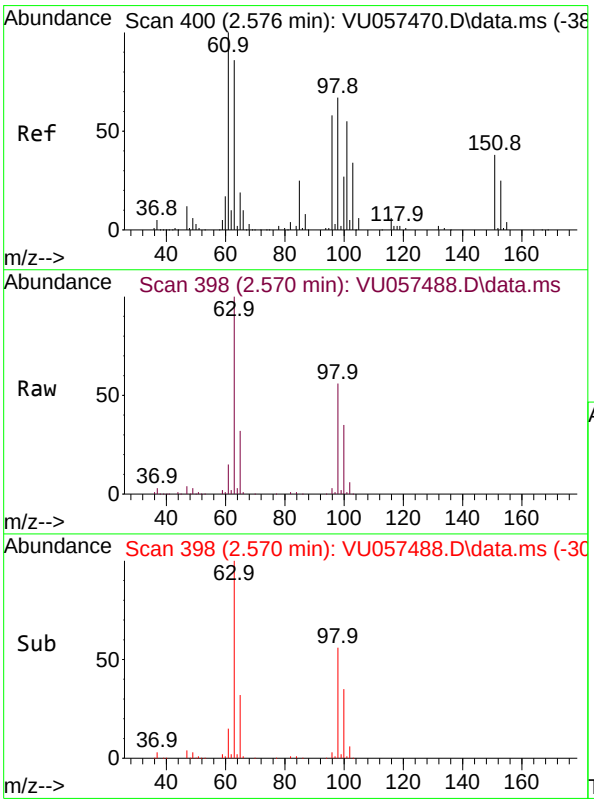
#5
Vinyl chloride
Concen: 1.023 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 20901

Ion	Ratio	Lower	Upper
62	100		
64	41.7	22.9	42.5

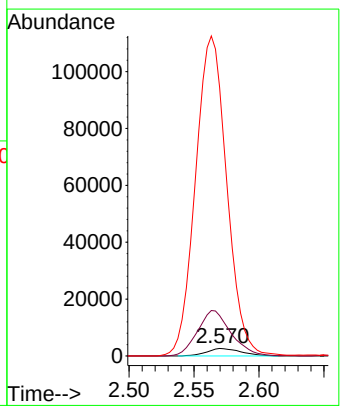


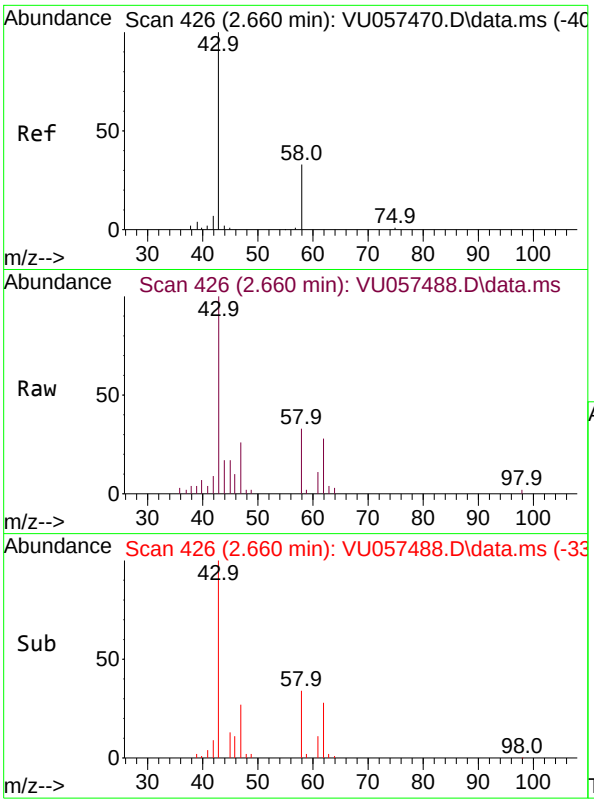


#12
1,1-Dichloroethene
Concen: 0.304 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Tgt Ion: 96 Resp: 4811

Ion	Ratio	Lower	Upper
96	100		
61	533.9	130.9	243.1#
63	3546.0	114.8	213.2#



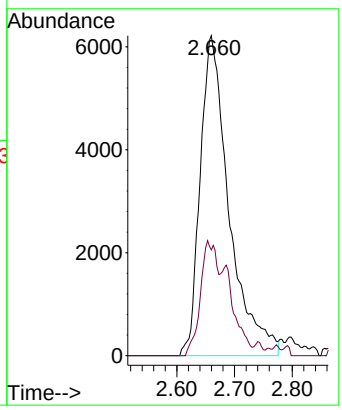


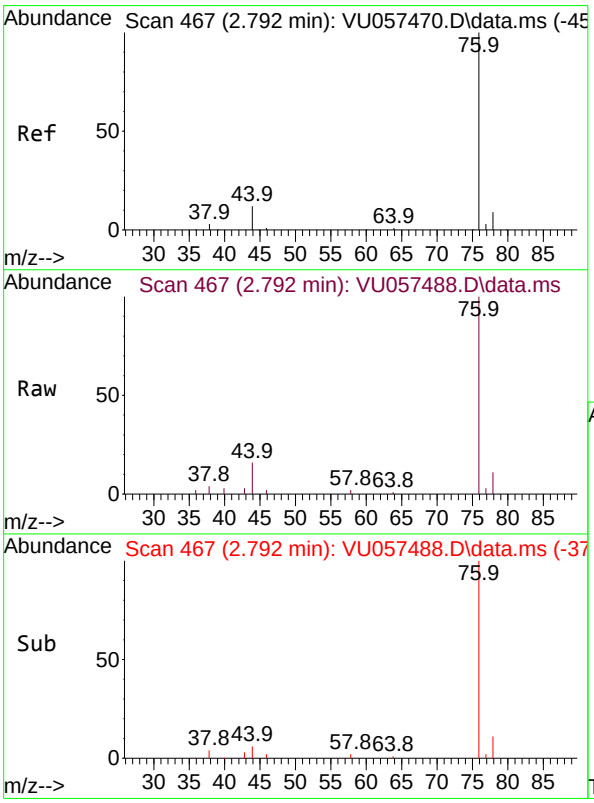
#13
Acetone
Concen: 6.903 ug/L
RT: 2.660 min Scan# 4
Delta R.T. -0.000 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 21577

Ion	Ratio	Lower	Upper
43	100		
58	22.1	0.0	67.8

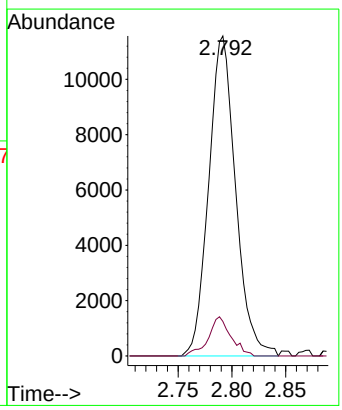


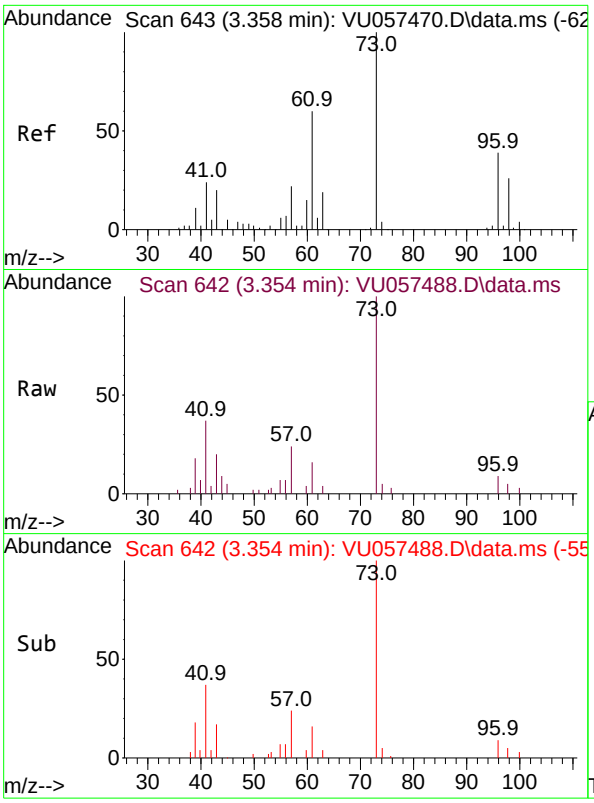


#14
Carbon disulfide
Concen: 0.455 ug/L
RT: 2.792 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Tgt Ion: 76 Resp: 20137

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.3	10.9



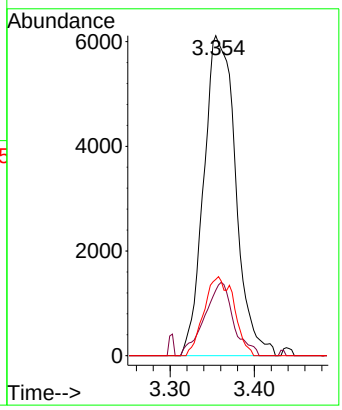


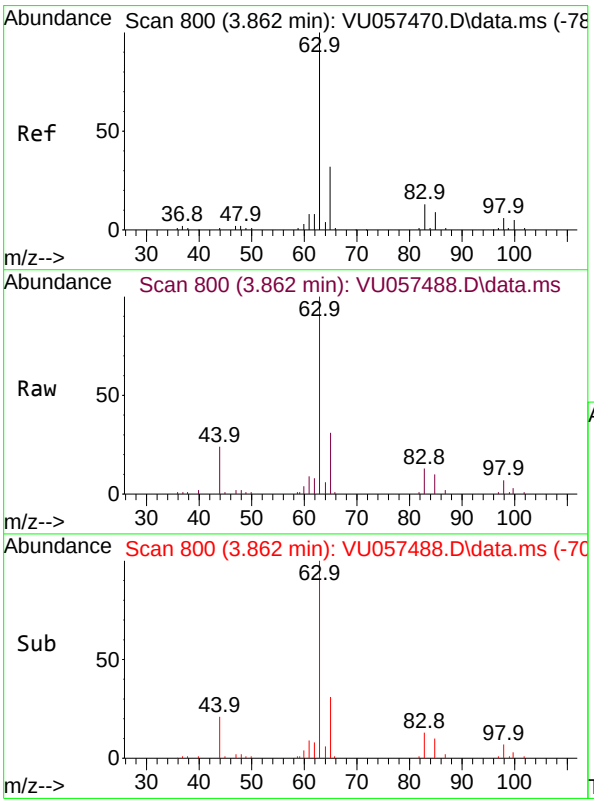
#17
Methyl tert-butyl Ether
Concen: 0.408 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 16028

Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.1	24.1
57	23.2	18.2	27.4

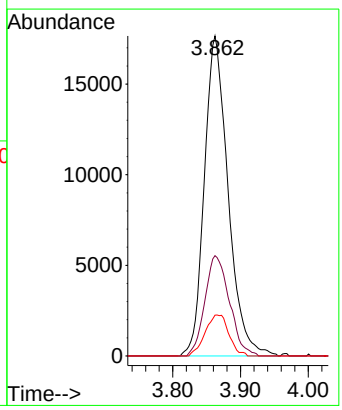


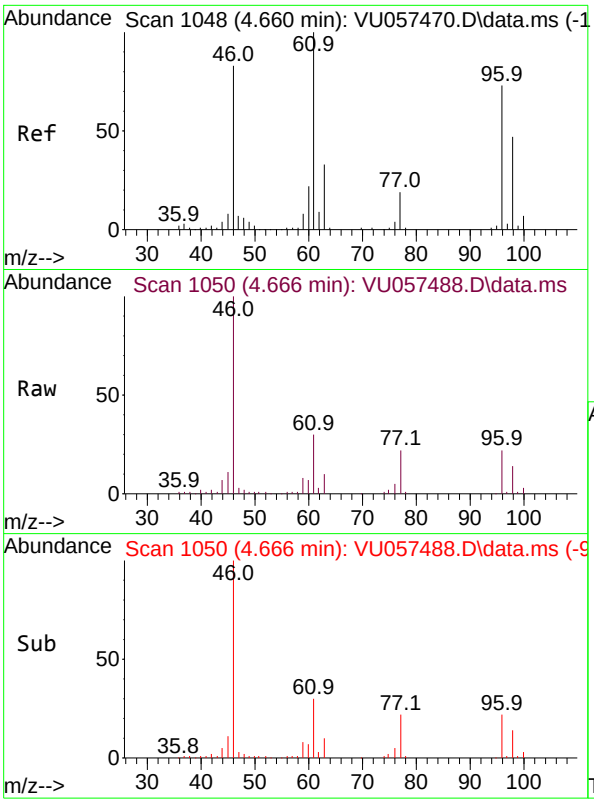


#19
1,1-Dichloroethane
Concen: 1.213 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Tgt Ion: 63 Resp: 43005

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.3	41.3
83	12.7	9.1	16.9



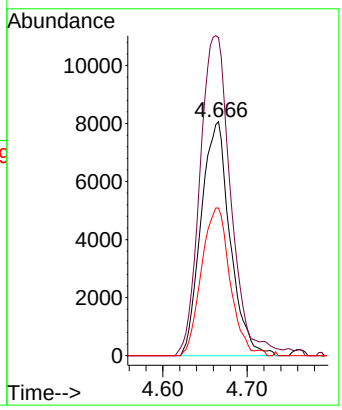


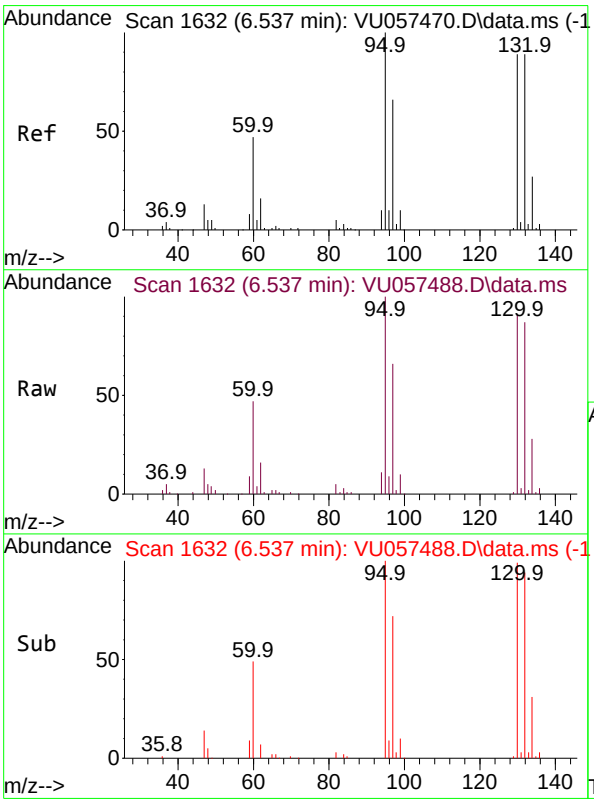
#22
cis-1,2-Dichloroethene
Concen: 1.054 ug/L
RT: 4.666 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 19277

Ion	Ratio	Lower	Upper
96	100		
61	135.9	93.4	173.4
98	63.1	44.9	83.3

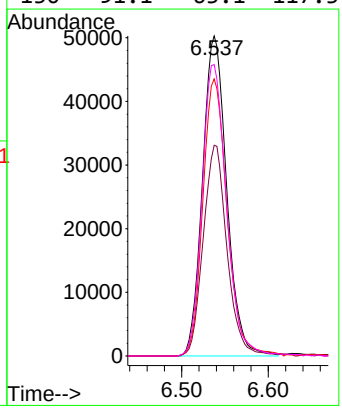


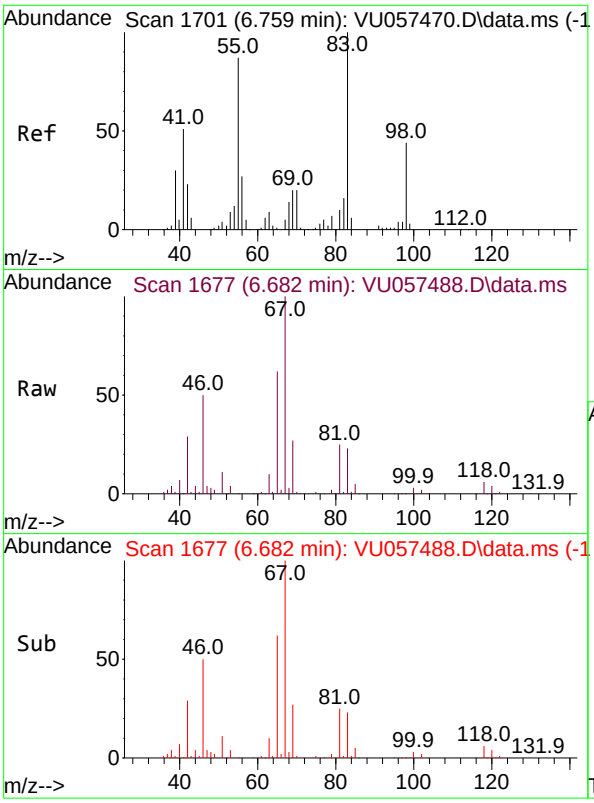


#34
Trichloroethene
Concen: 4.599 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Tgt Ion: 95 Resp: 97698

Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.0	83.6
132	86.6	61.7	114.5
130	91.1	63.1	117.3



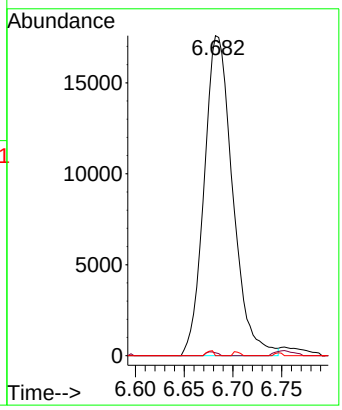


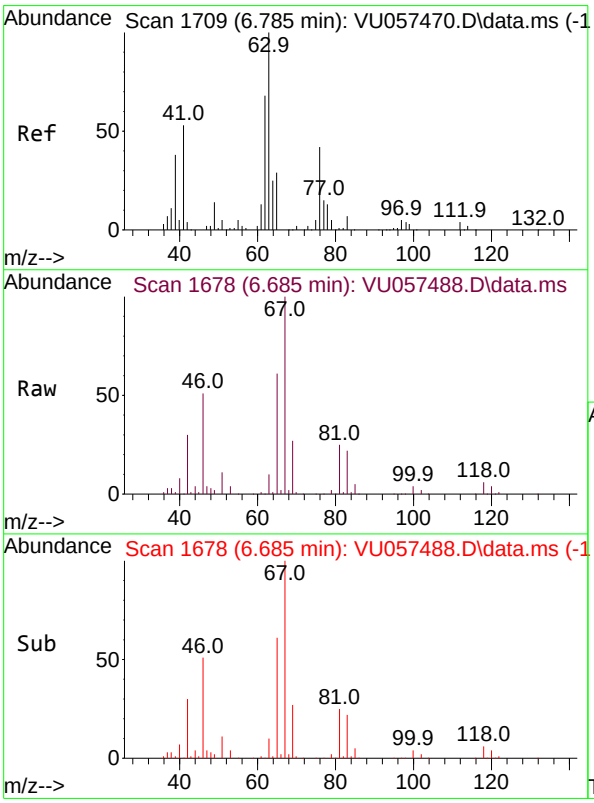
#35
Methylcyclohexane
Concen: 1.267 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 35770

Ion	Ratio	Lower	Upper
83	100		
55	0.4	68.7	103.1#
98	0.4	36.3	54.5#

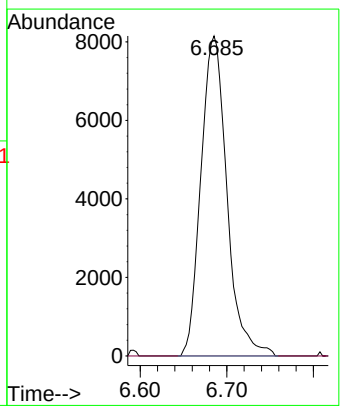


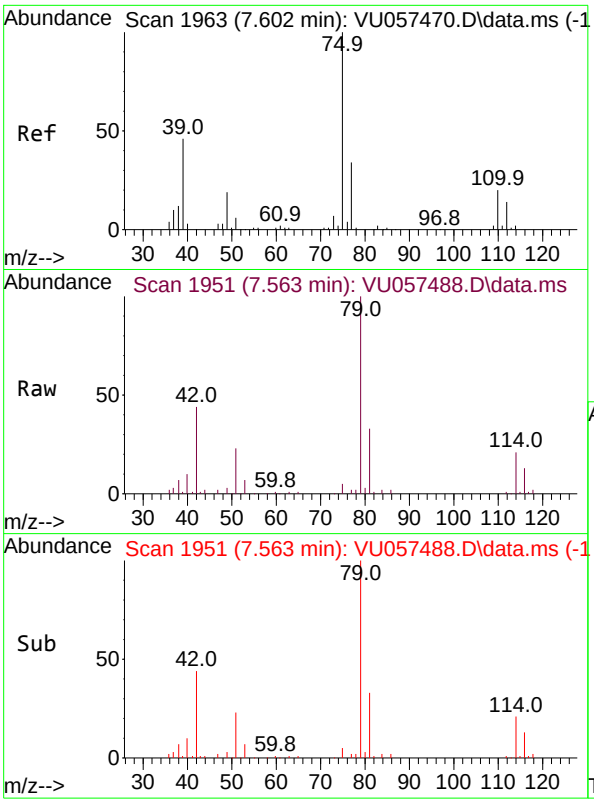


#37
1,2-Dichloropropane
Concen: 0.741 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Tgt Ion: 63 Resp: 16984

Ion	Ratio	Lower	Upper
63	100		
112	0.4	2.7	4.1#



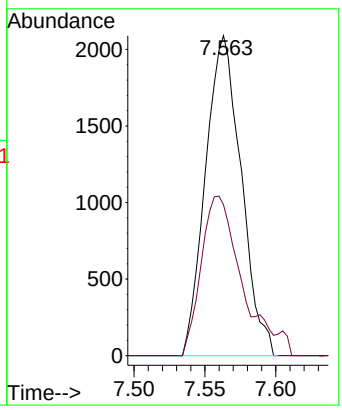


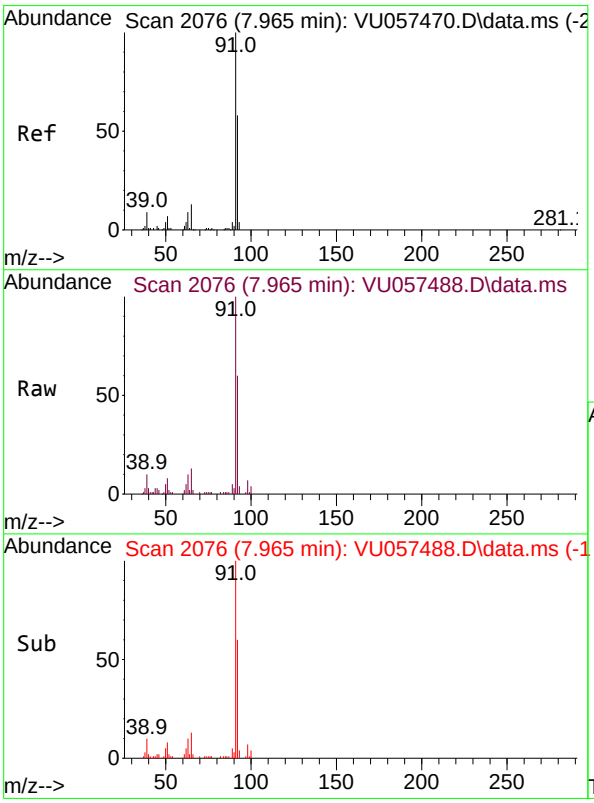
#39
cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.563 min Scan# 1
Delta R.T. -0.039 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3657

Ion	Ratio	Lower	Upper
75	100		
77	47.1	22.5	41.9#

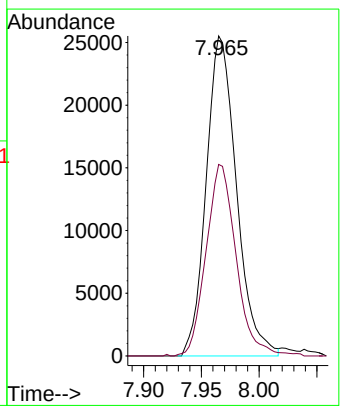


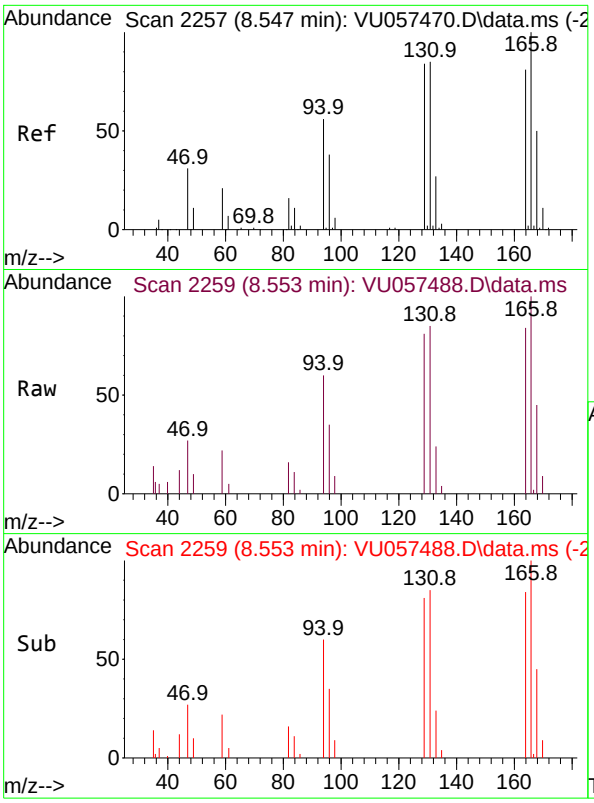


#42
Toluene
Concen: 0.584 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Tgt Ion: 91 Resp: 46533

Ion	Ratio	Lower	Upper
91	100		
92	59.9	41.2	76.4



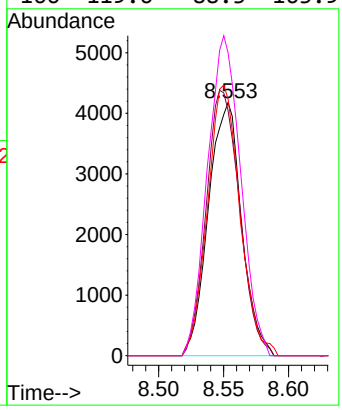


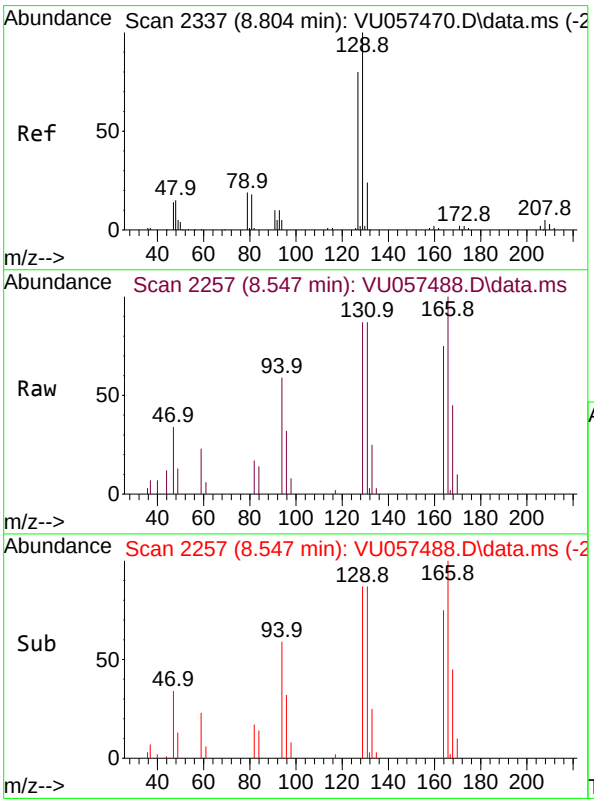
#47
Tetrachloroethene
Concen: 0.523 ug/L
RT: 8.553 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 7385

Ion	Ratio	Lower	Upper
164	100		
129	96.7	74.8	138.8
131	101.3	70.3	130.7
166	119.6	88.3	163.9

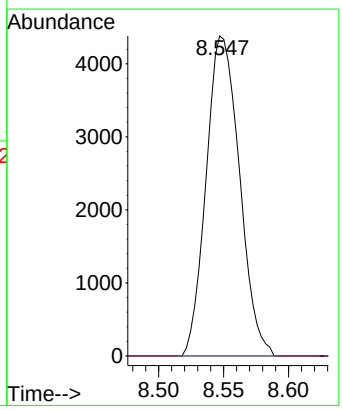


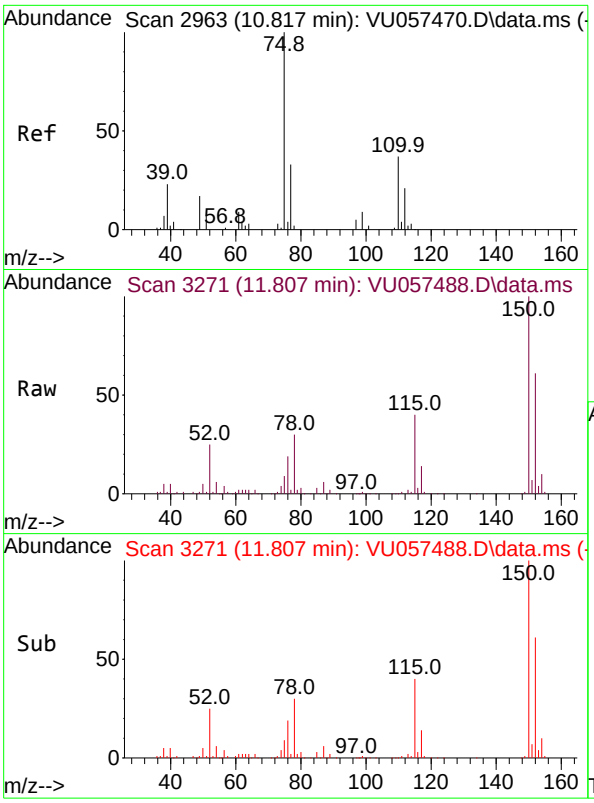


#49
Dibromochloromethane
Concen: 0.492 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Tgt Ion:129 Resp: 7814

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61
1,2,3-Trichloropropane
Concen: 1.426 ug/L
RT: 11.807 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU057488.D
Acq: 12 Jan 2024 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 13852

Ion	Ratio	Lower	Upper
75	100		
110	4.3	29.4	44.0#
77	28.6	26.2	39.4