Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052718.D
Acq On : 17 Jan 2023 13:58
Operator : JC/MD
Sample : 01138-17 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 18 01:17:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 18 01:16:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	130382	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	121438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	53880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57389	5.010	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.200%			
7) Chloroethane-d5	1.915	69	48235	5.169	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.400%			
11) 1,1-Dichloroethene-d2	2.562	65	28618	5.673	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 113.400%			
20) 2-Butanone-d5	4.642	46	132358	43.216	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.440%			
24) Chloroform-d	5.057	84	115919	5.425	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.600%			
26) 1,2-Dichloroethane-d4	5.697	65	58993	5.376	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.600%			
32) Benzene-d6	5.722	84	234643	5.961	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 119.200%			
36) 1,2-Dichloropropane-d6	6.687	67	72516	5.529	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.600%			
41) Toluene-d8	7.896	98	187877	5.414	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.200%			
43) trans-1,3-Dichloroprop...	8.176	79	24940	5.113	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.200%			
46) 2-Hexanone-d5	8.639	63	98492	48.609	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.220%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	52626	5.240	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	65039	6.631	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 132.600%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	29887	1.836	ug/L	93
8) Chloroethane	1.912	64	89828	9.078	ug/L #	53
12) 1,1-Dichloroethene	2.575	96	19432	1.719	ug/L #	42
14) Carbon disulfide	2.790	76	6922	0.177	ug/L	98
15) Methyl Acetate	2.960	43	2217	0.421	ug/L #	83
16) Methylene chloride	3.044	84	7706	0.512	ug/L	87
19) 1,1-Dichloroethane	3.867	63	23991	1.002	ug/L	94
21) 2-Butanone	4.726	43	41737	11.804	ug/L	97
22) cis-1,2-Dichloroethene	4.661	96	239779	19.368	ug/L	95
34) Trichloroethene	6.539	95	16817	1.479	ug/L	95
35) Methylcyclohexane	6.687	83	16968	0.904	ug/L #	15
48) 2-Hexanone	8.639	43	12776	2.365	ug/L #	71
61) 1,2,3-Trichloropropane	11.806	75	6259	1.000	ug/L #	66

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

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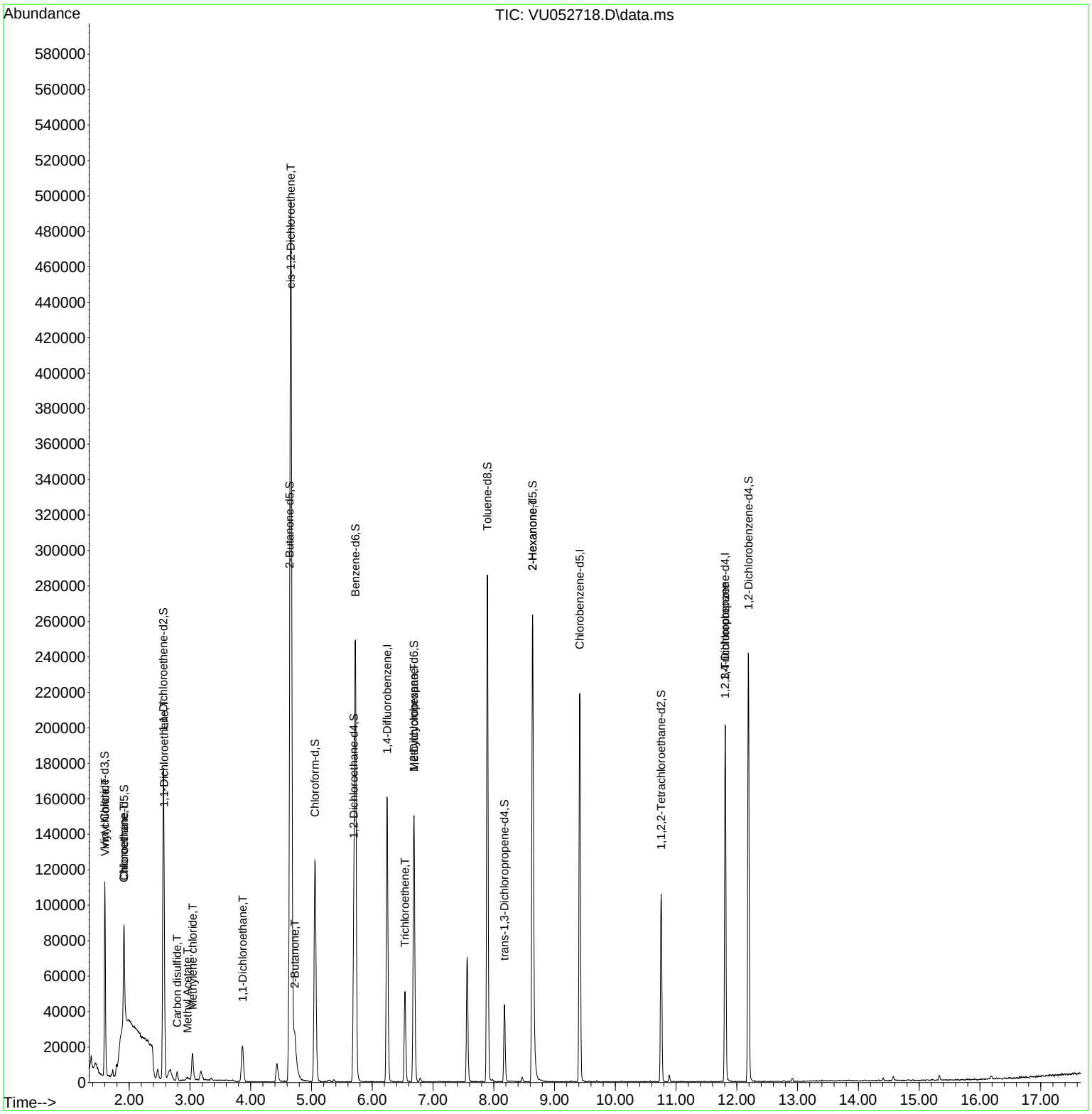
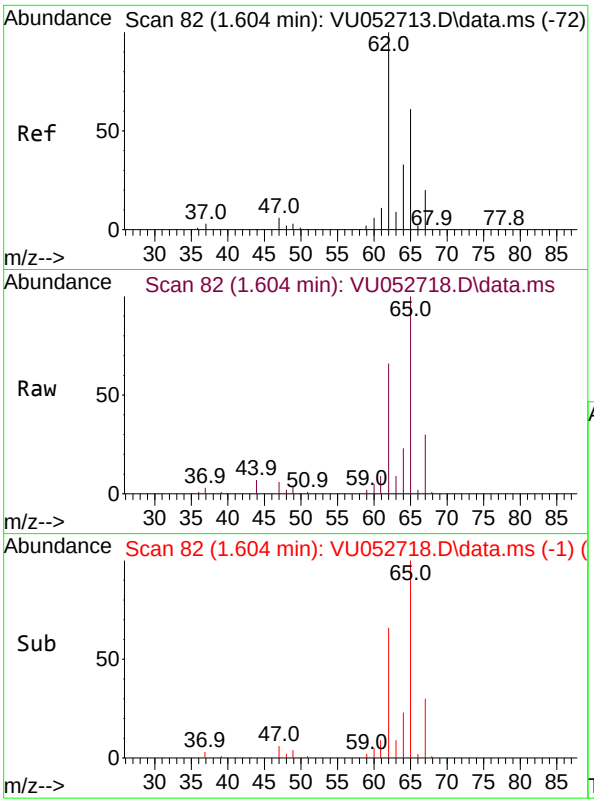
Quant Time: Jan 18 01:17:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 18 01:16:13 2023
Response via : Initial Calibration



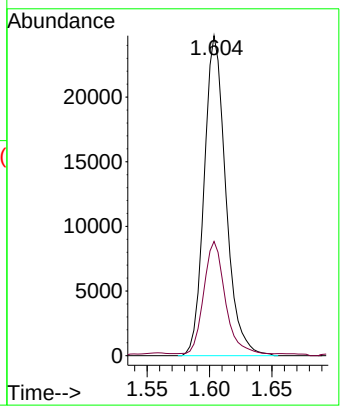


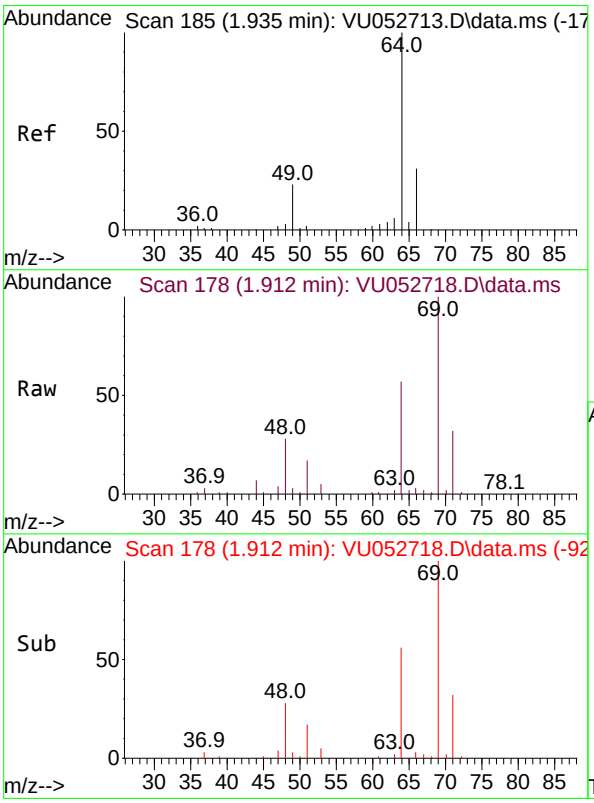
#5
Vinyl chloride
Concen: 1.836 ug/L
RT: 1.604 min Scan# 8
Delta R.T. -0.000 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 29887

Ion	Ratio	Lower	Upper
62	100		
64	35.7	22.3	41.3

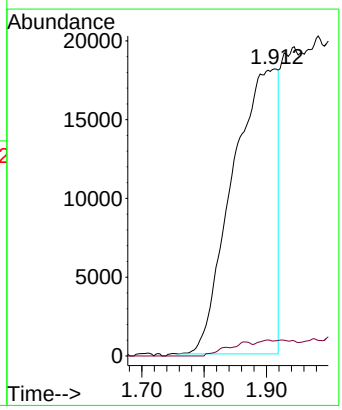


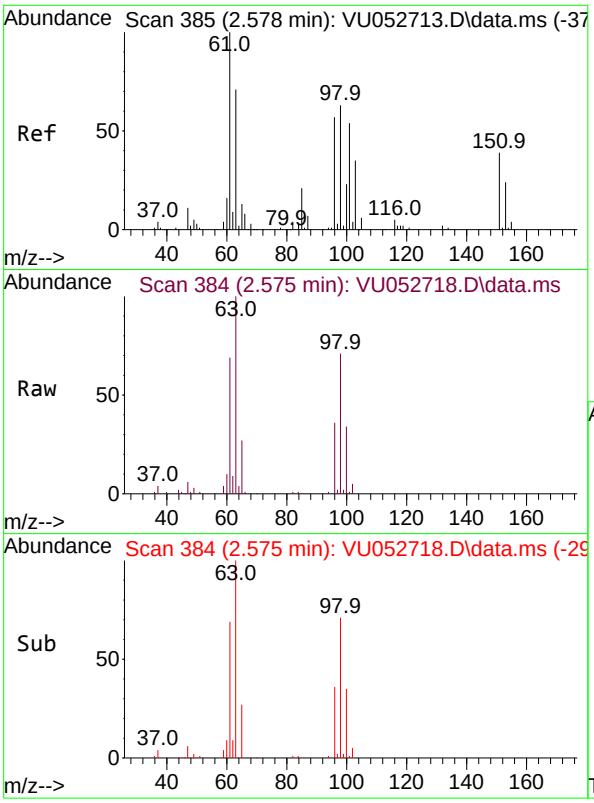


#8
Chloroethane
Concen: 9.078 ug/L
RT: 1.912 min Scan# 178
Delta R.T. -0.023 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Tgt Ion: 64 Resp: 89828

Ion	Ratio	Lower	Upper
64	100		
66	5.2	21.6	40.2#



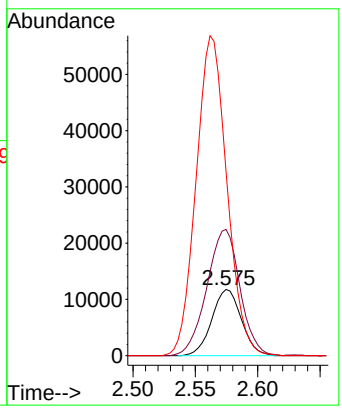


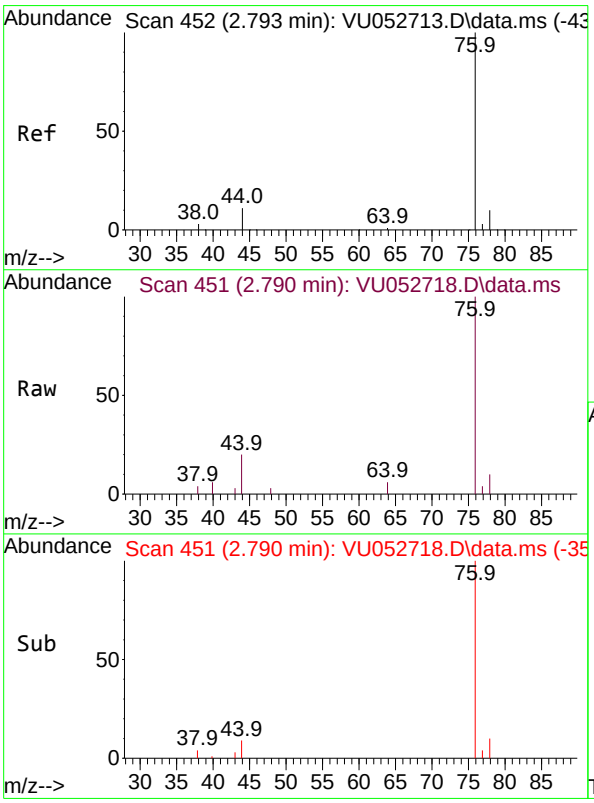
#12
1,1-Dichloroethene
Concen: 1.719 ug/L
RT: 2.575 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 19432

Ion	Ratio	Lower	Upper
96	100		
61	190.7	129.6	240.8
63	278.2	83.7	155.5#

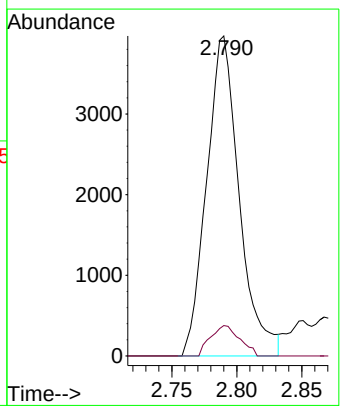


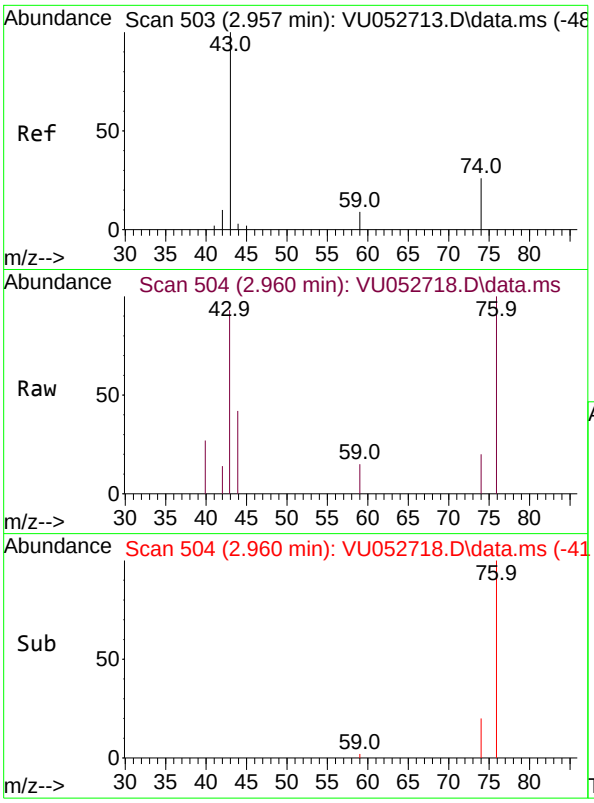


#14
Carbon disulfide
Concen: 0.177 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Tgt Ion: 76 Resp: 6922

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6



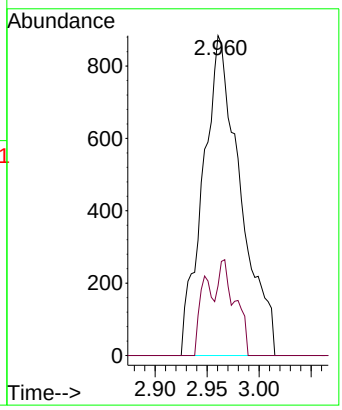


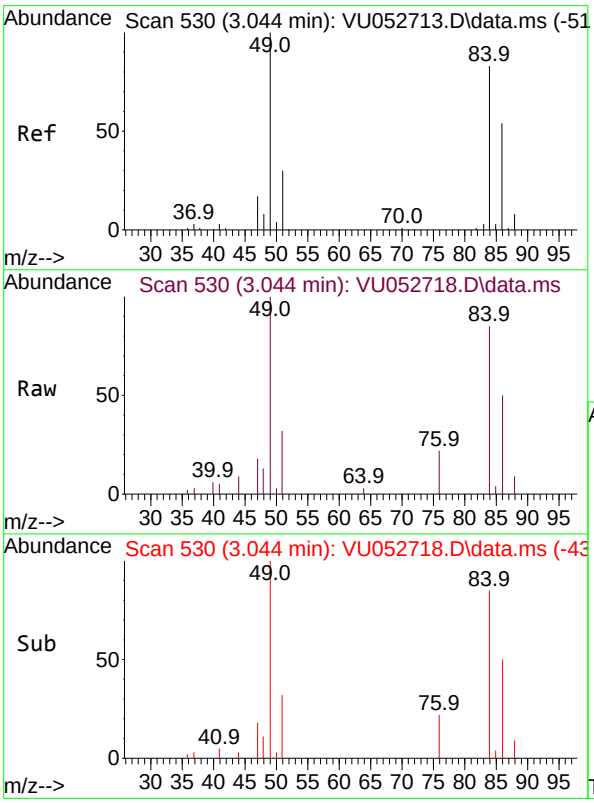
#15
Methyl Acetate
Concen: 0.421 ug/L
RT: 2.960 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2217

Ion	Ratio	Lower	Upper
43	100		
74	13.8	17.5	26.3#

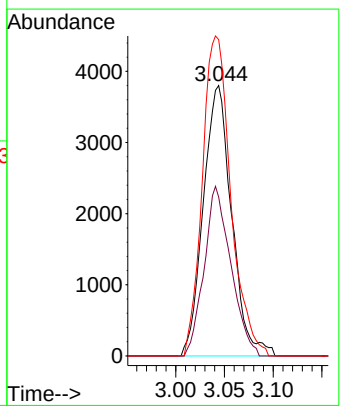


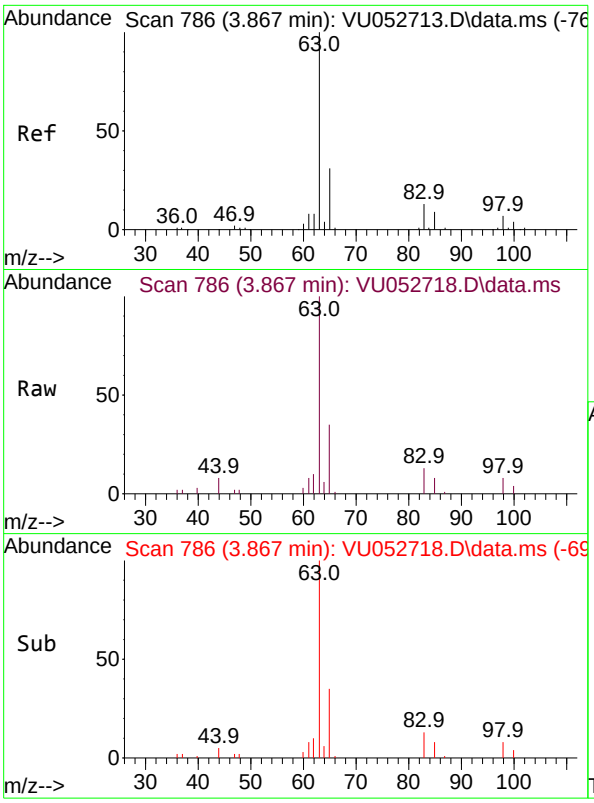


#16
Methylene chloride
Concen: 0.512 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Tgt Ion: 84 Resp: 7706

Ion	Ratio	Lower	Upper
84	100		
86	58.8	45.6	84.6
49	117.0	94.8	176.0



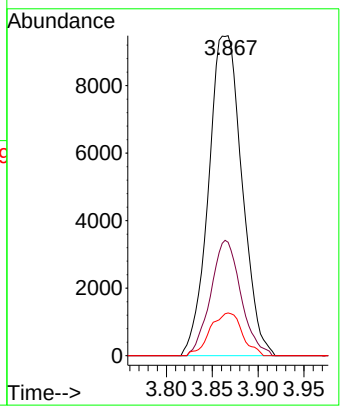


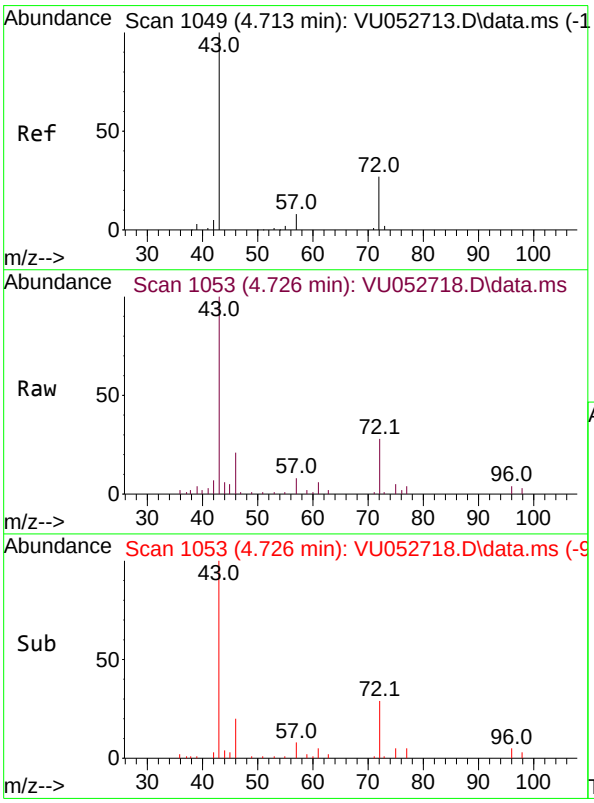
#19
1,1-Dichloroethane
Concen: 1.002 ug/L
RT: 3.867 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 23991

Ion	Ratio	Lower	Upper
63	100		
65	35.4	22.0	41.0
83	13.3	8.9	16.5

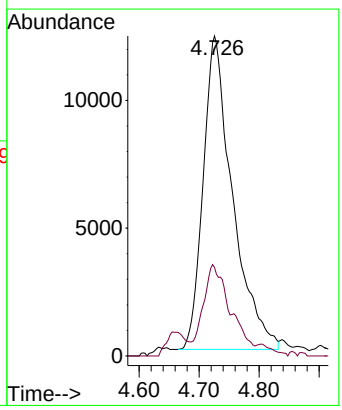


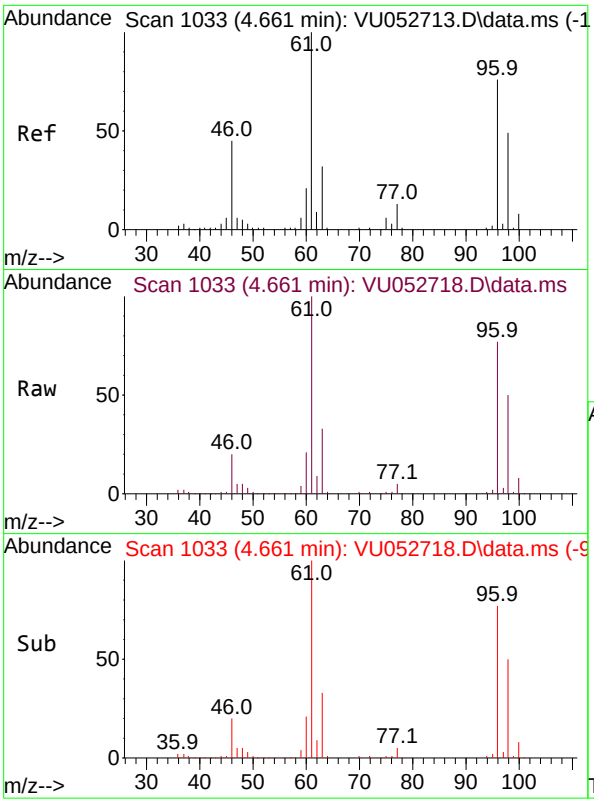


#21
2-Butanone
Concen: 11.804 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Tgt Ion: 43 Resp: 41737

Ion	Ratio	Lower	Upper
43	100		
72	27.4	12.9	38.6



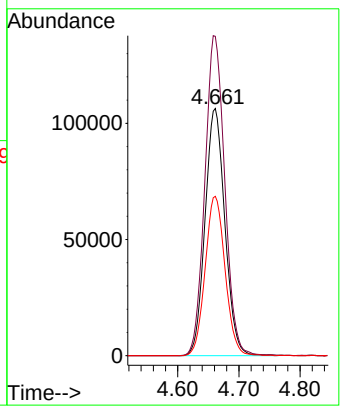


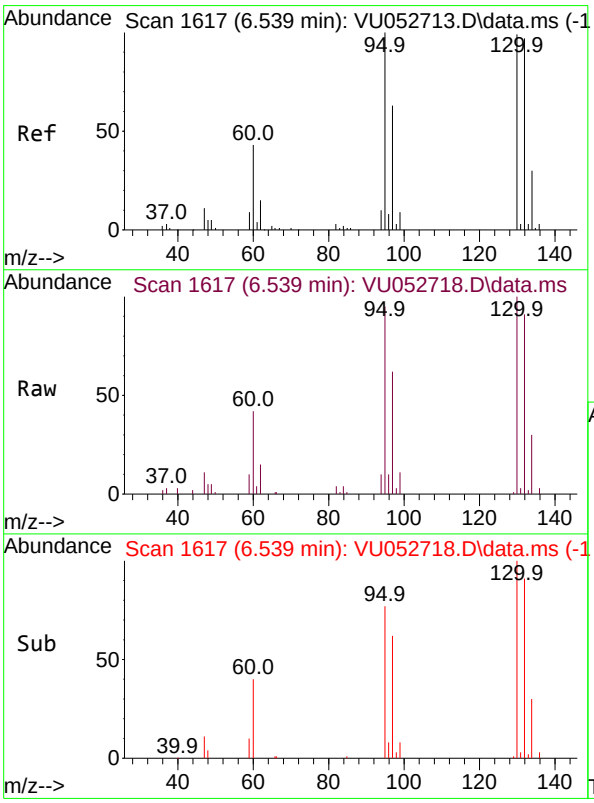
#22
cis-1,2-Dichloroethene
Concen: 19.368 ug/L
RT: 4.661 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 239779

Ion	Ratio	Lower	Upper
96	100		
61	129.2	94.6	175.8
98	64.5	43.3	80.3

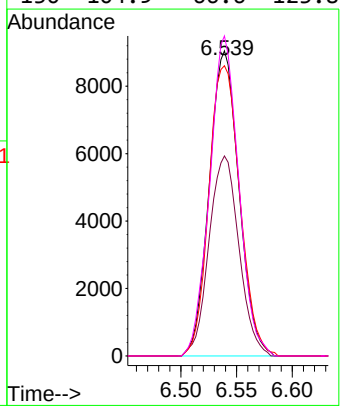


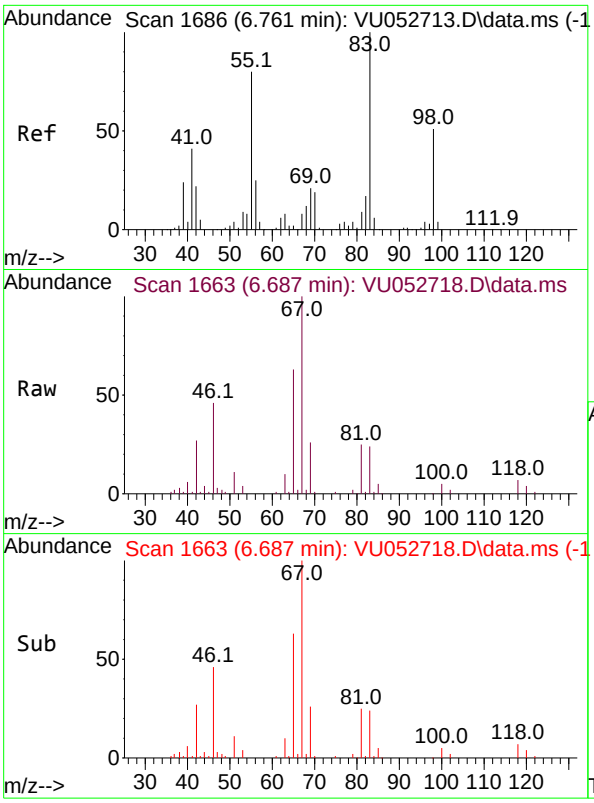


#34
Trichloroethene
Concen: 1.479 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Tgt Ion: 95 Resp: 16817

Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.0	85.4
132	95.1	64.0	118.8
130	104.9	66.6	123.8



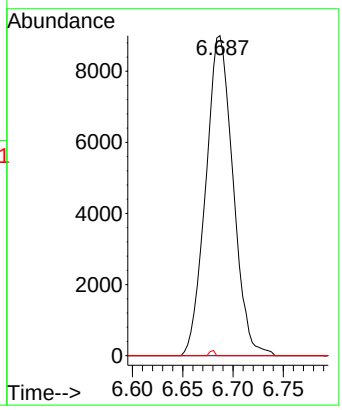


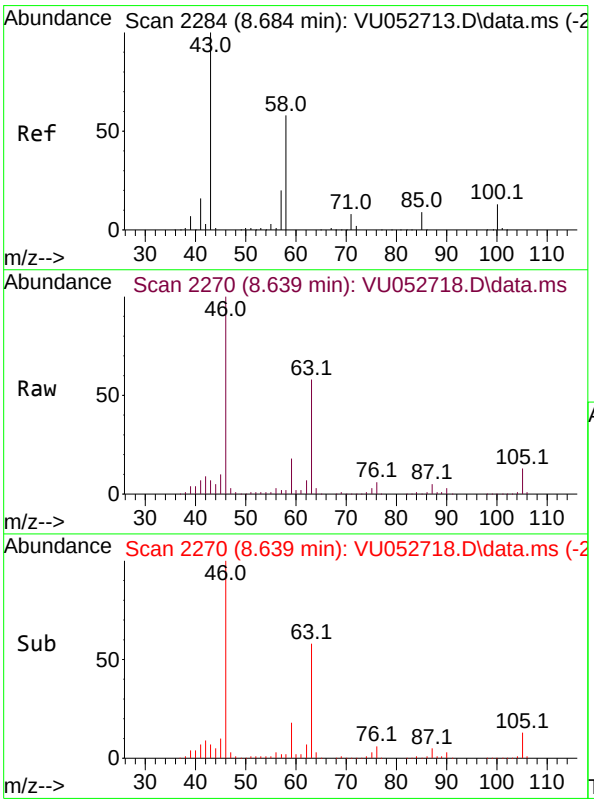
#35
Methylcyclohexane
Concen: 0.904 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 16968

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.6	101.4#
98	0.3	37.1	55.7#

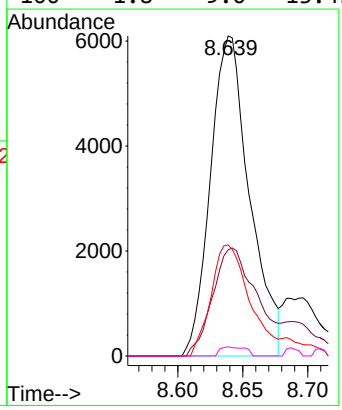


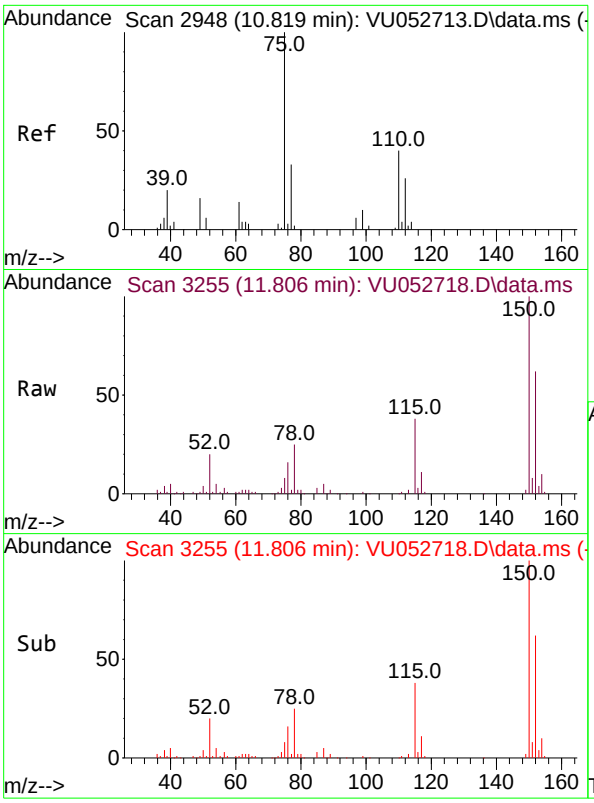


#48
2-Hexanone
Concen: 2.365 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.045 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Tgt Ion: 43 Resp: 12776

Ion	Ratio	Lower	Upper
43	100		
58	37.8	45.1	67.7#
57	38.1	15.1	22.7#
100	1.8	9.0	13.4#





#61
1,2,3-Trichloropropane
Concen: 1.000 ug/L
RT: 11.806 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU052718.D
Acq: 17 Jan 2023 13:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6259

Ion	Ratio	Lower	Upper
75	100		
110	0.7	27.2	40.8#
77	33.7	24.0	36.0