Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
Data File : VU052707.D
Acq On : 16 Jan 2023 17:44
Operator : JC/MD
Sample : 01138-17 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Y0

Quant Time: Jan 17 05:34:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 11 00:53:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	54266	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	52866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	23227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	14829	3.110	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.200%			
7) Chloroethane-d5	1.916	69	14921	3.842	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.800%			
11) 1,1-Dichloroethene-d2	2.569	65	8273	3.940	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.800%			
20) 2-Butanone-d5	4.636	46	113347	88.919	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 177.840%#			
24) Chloroform-d	5.060	84	41312	4.645	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
26) 1,2-Dichloroethane-d4	5.697	65	27313	5.981	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.600%			
32) Benzene-d6	5.723	84	77534	4.525	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
36) 1,2-Dichloropropane-d6	6.687	67	26889	4.709	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.200%			
41) Toluene-d8	7.893	98	57545	3.809	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.200%			
43) trans-1,3-Dichloroprop...	8.176	79	10367	4.882	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.600%			
46) 2-Hexanone-d5	8.629	63	68641	77.817	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 155.640%#			
56) 1,1,2,2-Tetrachloroeth...	10.752	84	32878	7.520	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 150.400%#			
66) 1,2-Dichlorobenzene-d4	12.189	152	23464	5.549	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	14038	2.072	ug/L	98
8) Chloroethane	1.720	64	100949	24.512	ug/L #	52
12) 1,1-Dichloroethene	2.581	96	8729	1.855	ug/L #	80
13) Acetone	2.649	43	7774	8.503	ug/L	71
14) Carbon disulfide	2.794	76	3029	0.186	ug/L #	92
16) Methylene chloride	3.041	84	5634	0.900	ug/L	94
19) 1,1-Dichloroethane	3.868	63	10040	1.008	ug/L	98
21) 2-Butanone	4.720	43	32167	21.857	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	84072	16.316	ug/L	96
34) Trichloroethene	6.539	95	6747	1.363	ug/L	95
35) Methylcyclohexane	6.684	83	6452	0.789	ug/L #	16
48) 2-Hexanone	8.633	43	9895	4.208	ug/L #	69
61) 1,2,3-Trichloropropane	11.813	75	2639	0.978	ug/L #	64

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

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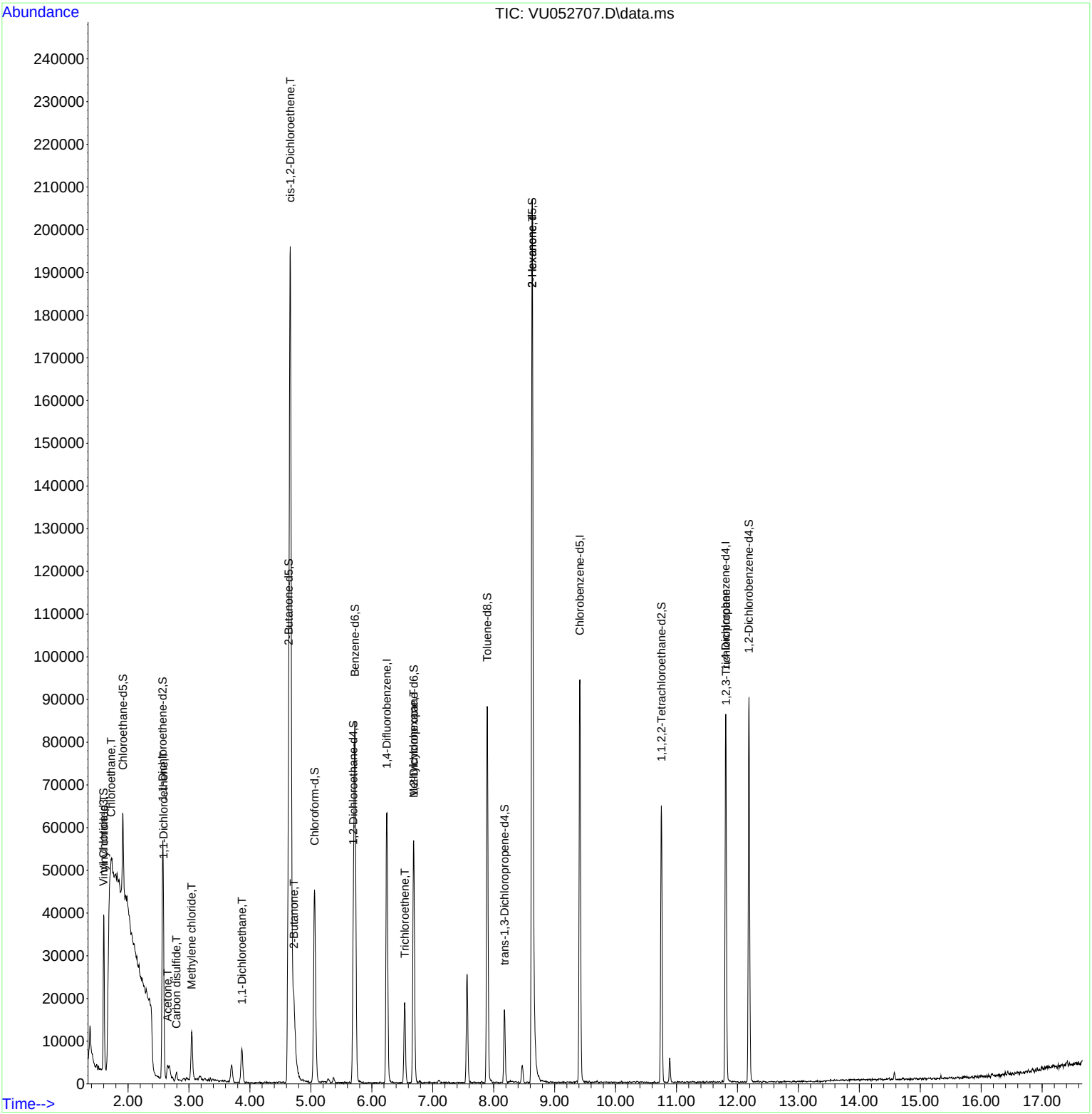
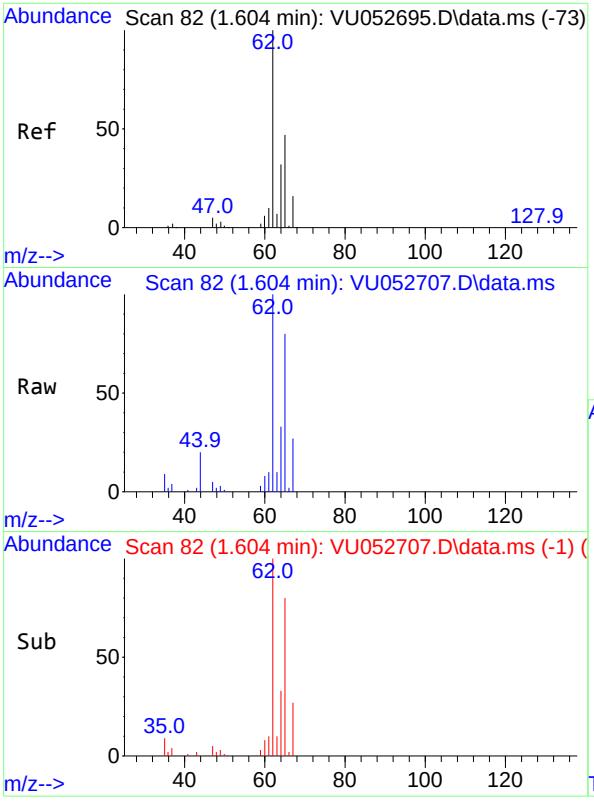
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 11 00:53:59 2023
Response via : Initial Calibration



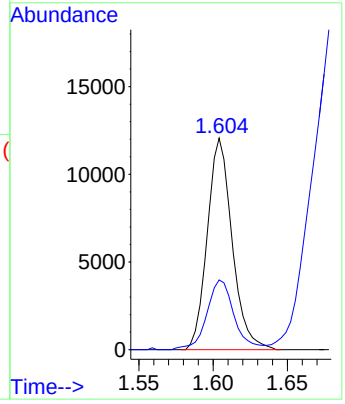


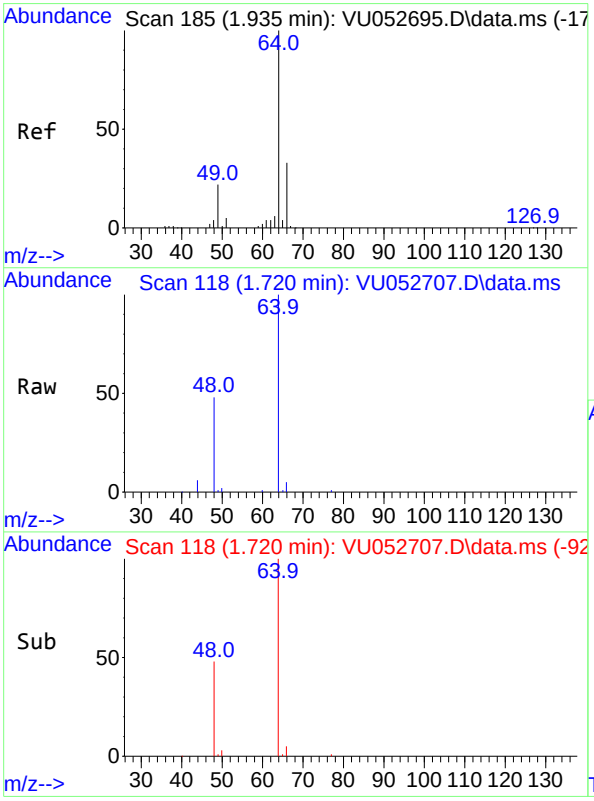
#5
Vinyl chloride
Concen: 2.072 ug/L
RT: 1.604 min Scan# 8
Delta R.T. 0.000 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
BH1Y0

Tgt Ion: 62 Resp: 14038

Ion	Ratio	Lower	Upper
62	100		
64	33.0	22.3	41.3

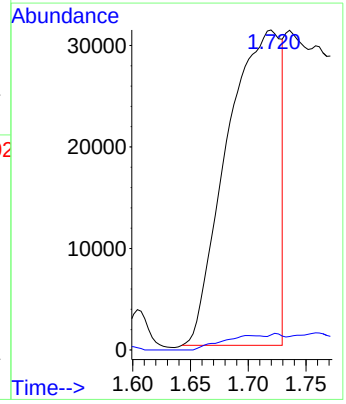


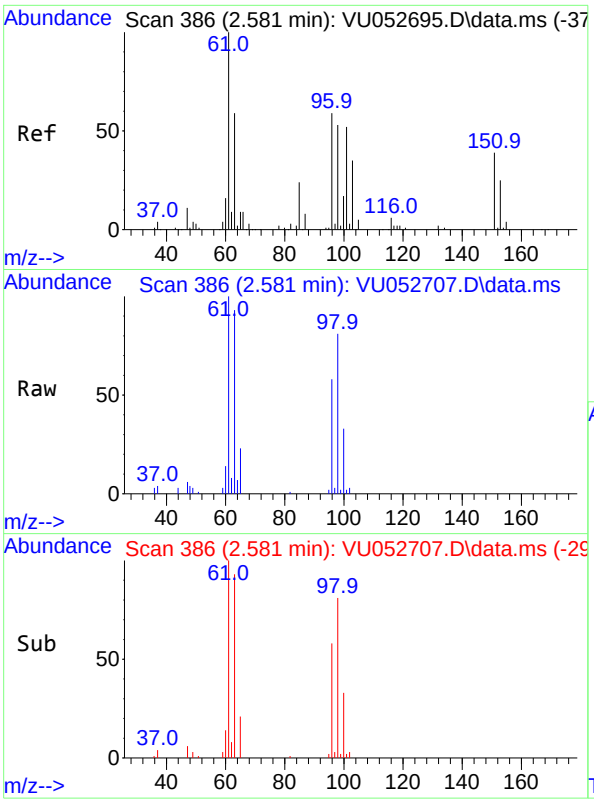


#8
Chloroethane
Concen: 24.512 ug/L
RT: 1.720 min Scan# 118
Delta R.T. -0.215 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Tgt Ion: 64 Resp: 100949

Ion	Ratio	Lower	Upper
64	100		
66	4.7	21.6	40.2#



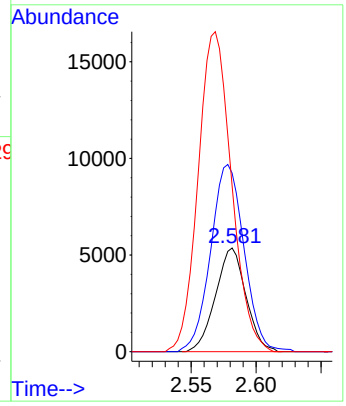


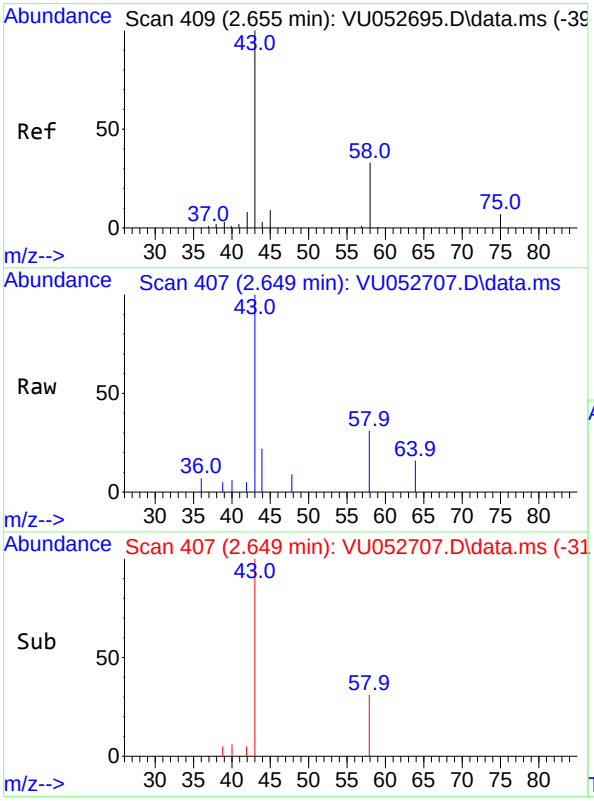
#12
1,1-Dichloroethene
Concen: 1.855 ug/L
RT: 2.581 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
BH1Y0

Tgt Ion: 96 Resp: 8729

Ion	Ratio	Lower	Upper
96	100		
61	172.2	129.6	240.8
63	159.9	83.7	155.5#

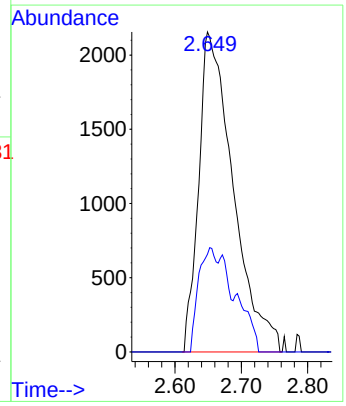


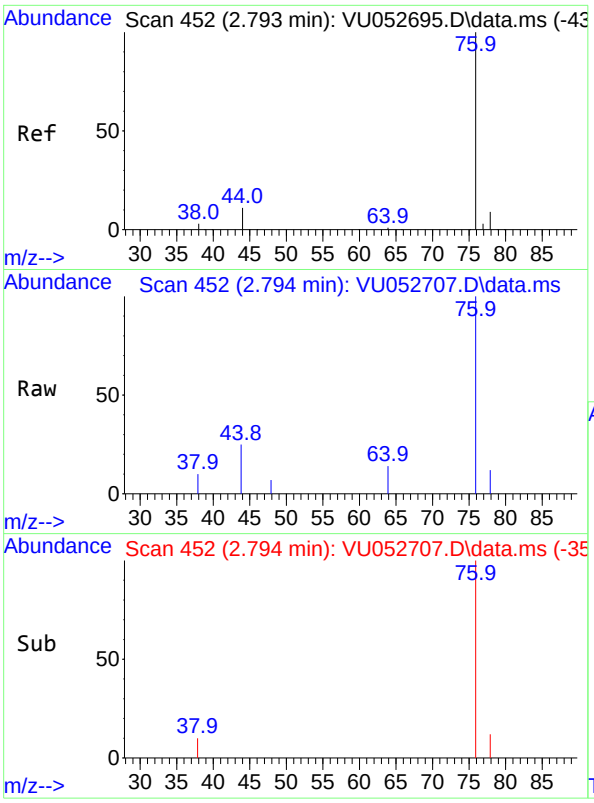


#13
Acetone
Concen: 8.503 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.013 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Tgt Ion: 43 Resp: 7774

Ion	Ratio	Lower	Upper
43	100		
58	17.6	0.0	68.8



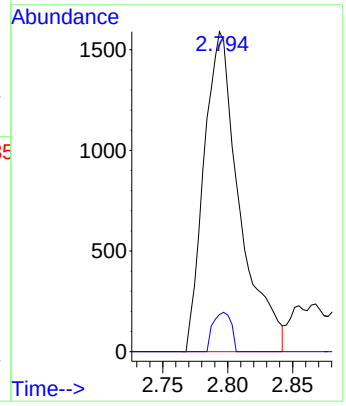


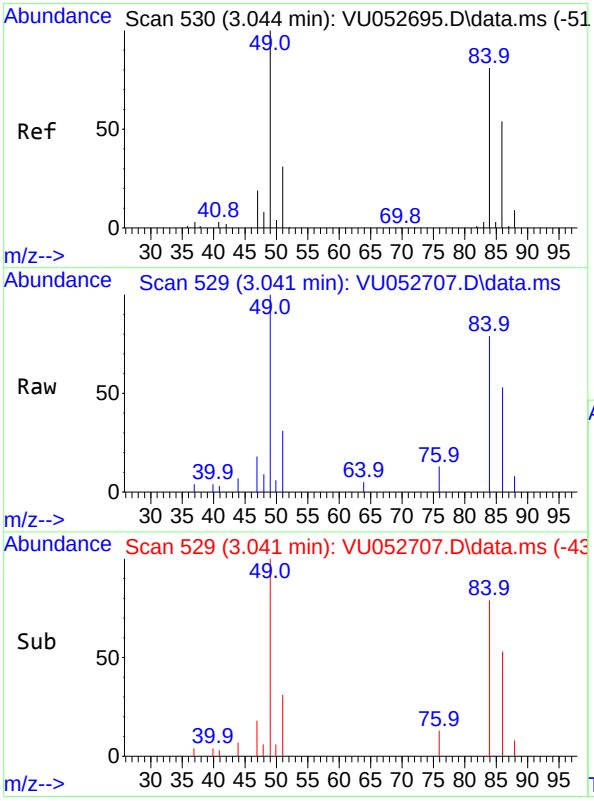
#14
Carbon disulfide
Concen: 0.186 ug/L
RT: 2.794 min Scan# 4
Delta R.T. 0.000 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
BH1Y0

Tgt Ion: 76 Resp: 3029

Ion	Ratio	Lower	Upper
76	100		
78	11.6	7.0	10.6#

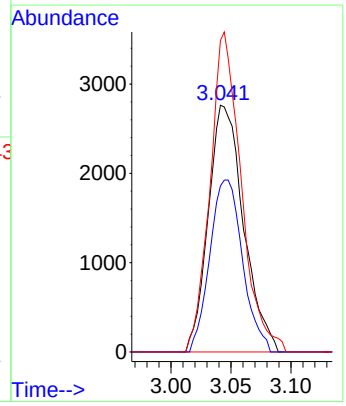


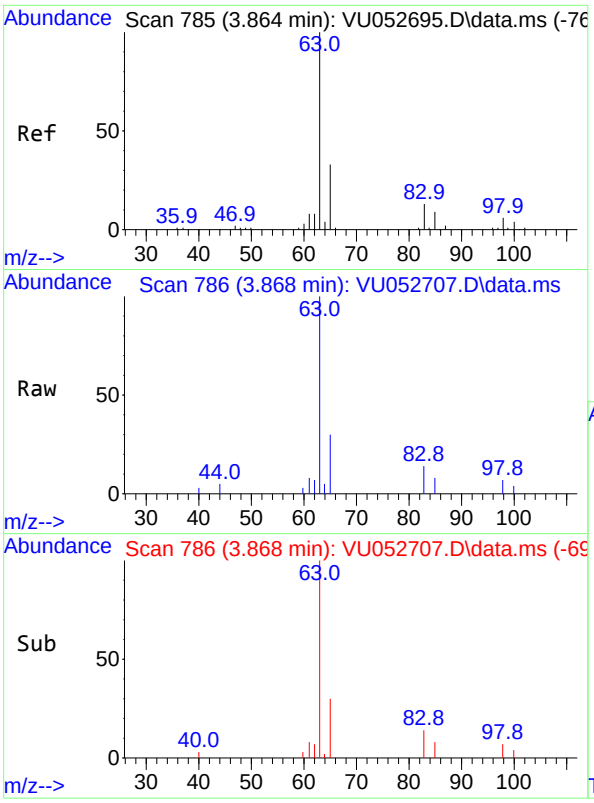


#16
Methylene chloride
Concen: 0.900 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Tgt Ion: 84 Resp: 5634

Ion	Ratio	Lower	Upper
84	100		
86	67.3	45.6	84.6
49	126.3	94.8	176.0



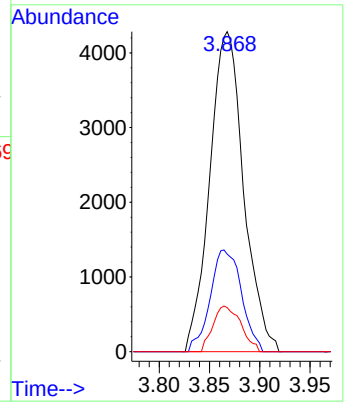


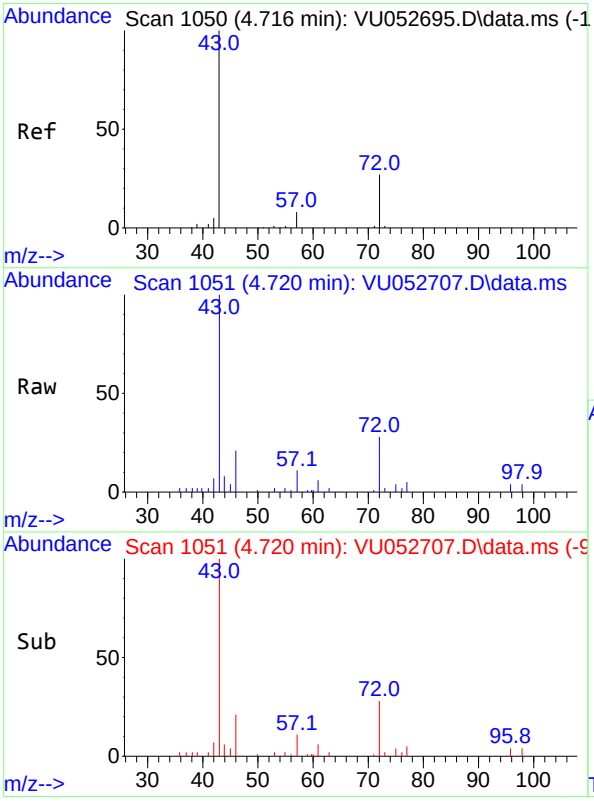
#19
1,1-Dichloroethane
Concen: 1.008 ug/L
RT: 3.868 min Scan# 7
Delta R.T. 0.003 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
BH1Y0

Tgt Ion: 63 Resp: 10040

Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.0	41.0
83	13.8	8.9	16.5

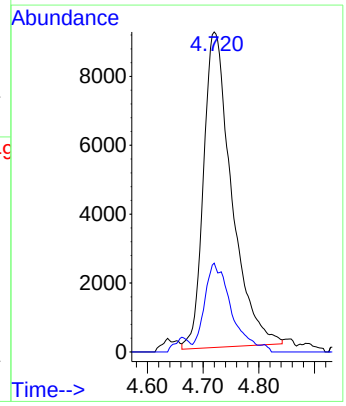


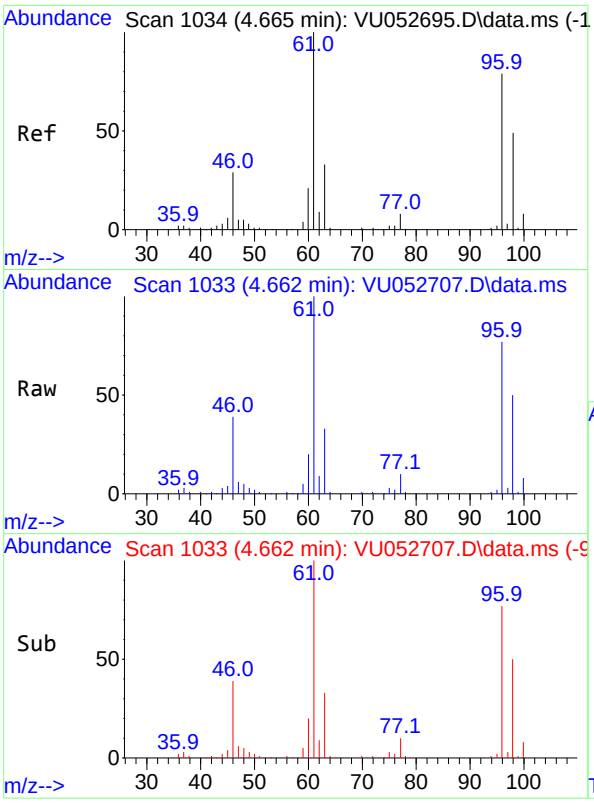


#21
2-Butanone
Concen: 21.857 ug/L
RT: 4.720 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Tgt Ion: 43 Resp: 32167

Ion	Ratio	Lower	Upper
43	100		
72	23.6	12.9	38.6



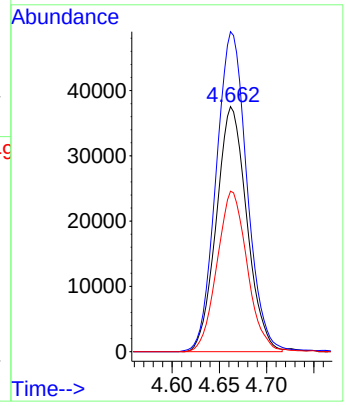


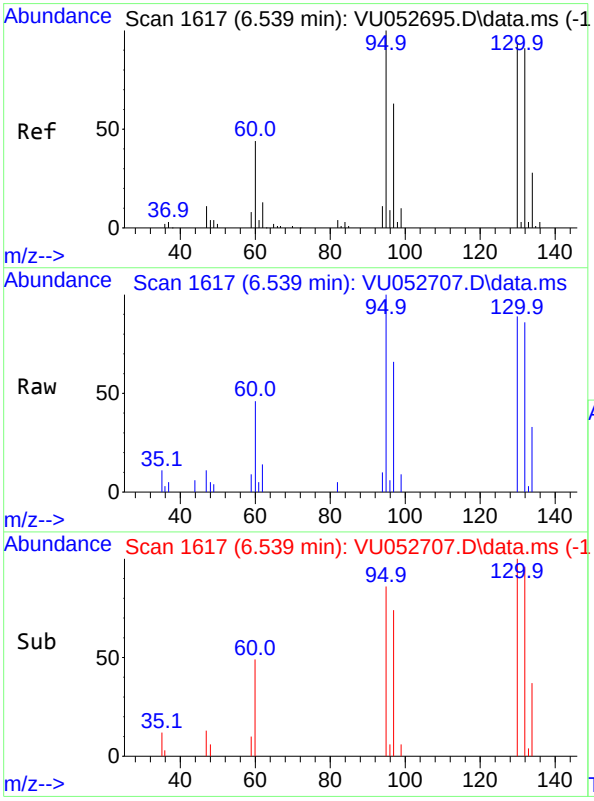
#22
cis-1,2-Dichloroethene
Concen: 16.316 ug/L
RT: 4.662 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
BH1Y0

Tgt Ion: 96 Resp: 84072

Ion	Ratio	Lower	Upper
96	100		
61	130.6	94.6	175.8
98	65.5	43.3	80.3

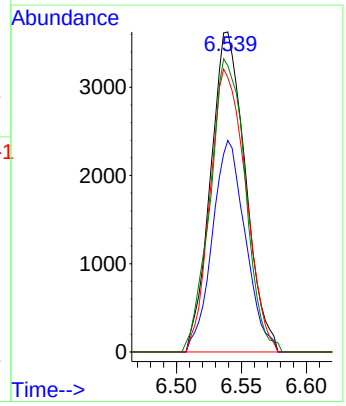


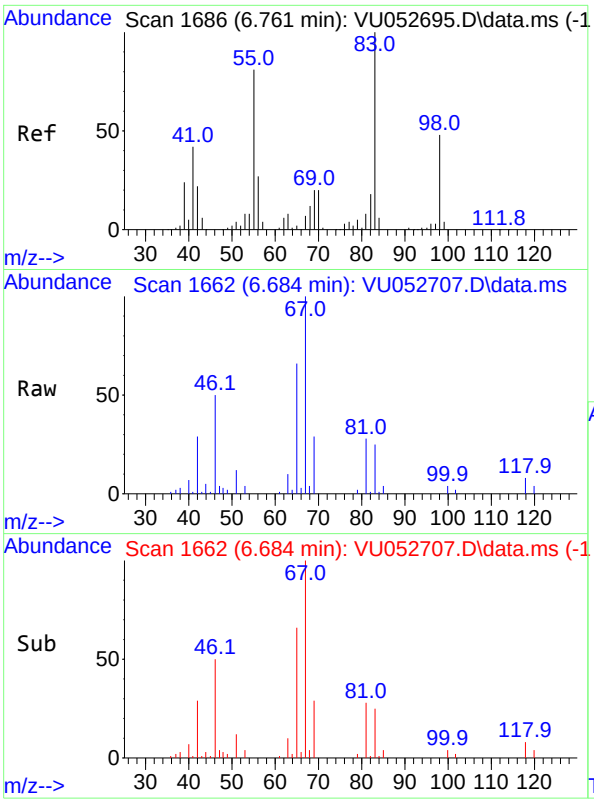


#34
Trichloroethene
Concen: 1.363 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Tgt Ion: 95 Resp: 6747

Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.0	85.4
132	85.7	64.0	118.8
130	89.4	66.6	123.8



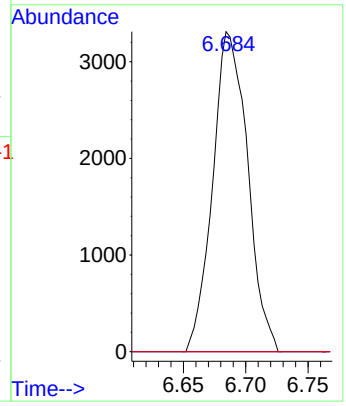


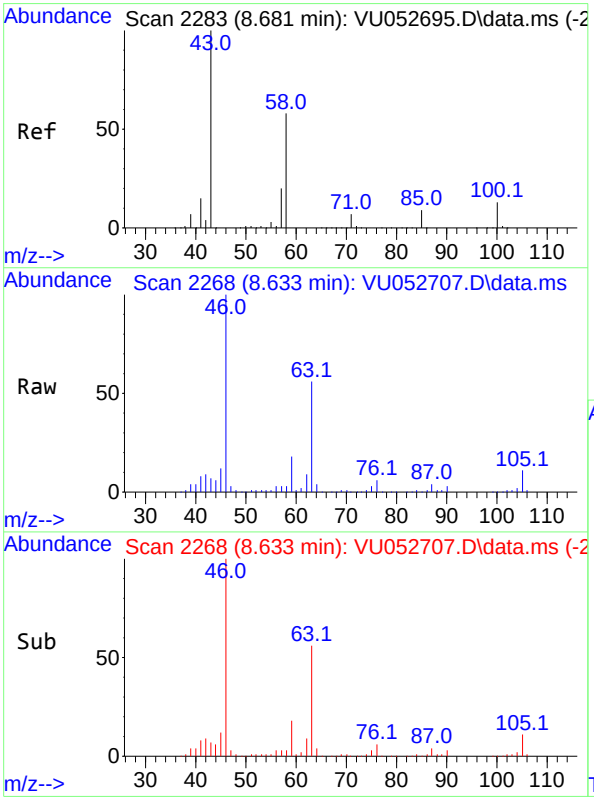
#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
BH1Y0

Tgt Ion: 83 Resp: 6452

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.6	101.4#
98	1.1	37.1	55.7#

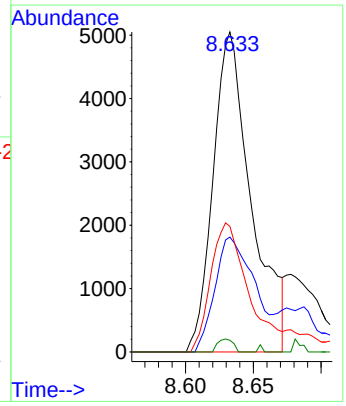


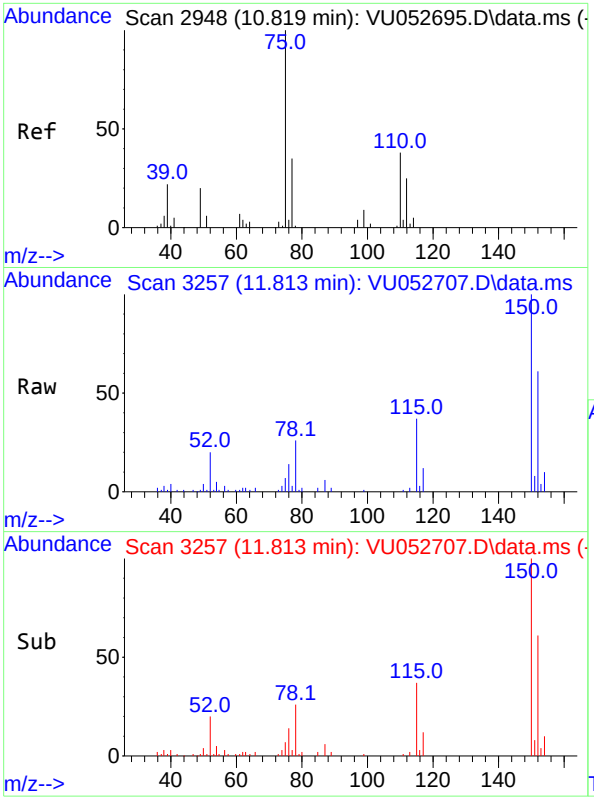


#48
2-Hexanone
Concen: 4.208 ug/L
RT: 8.633 min Scan# 2268
Delta R.T. -0.048 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Tgt Ion: 43 Resp: 9895

Ion	Ratio	Lower	Upper
43	100		
58	36.3	45.1	67.7#
57	39.6	15.1	22.7#
100	1.6	9.0	13.4#





#61
1,2,3-Trichloropropane
Concen: 0.978 ug/L
RT: 11.813 min Scan# 3
Delta R.T. 0.994 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
BH1Y0

Tgt Ion: 75 Resp: 2639

Ion	Ratio	Lower	Upper
75	100		
110	0.0	27.2	40.8#
77	35.6	24.0	36.0