Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
Data File : VU055157.D
Acq On : 06 Sep 2023 22:32
Operator : MD/SY
Sample : 04286-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 07 02:27:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166781	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	85154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32486	4.156	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.200%			
7) Chloroethane-d5	1.907	69	39598	4.376	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.600%			
11) 1,1-Dichloroethene-d2	2.563	65	19895	4.467	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.400%			
20) 2-Butanone-d5	4.628	46	131263	57.867	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.740%			
24) Chloroform-d	5.062	84	102866	4.959	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
26) 1,2-Dichloroethane-d4	5.701	65	54909	5.291	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.800%			
32) Benzene-d6	5.724	84	197262	4.661	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
36) 1,2-Dichloropropane-d6	6.689	67	67291	4.999	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.000%			
41) Toluene-d8	7.898	98	169090	4.337	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.800%			
43) trans-1,3-Dichloroprop...	8.180	79	15549	4.195	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.800%			
46) 2-Hexanone-d5	8.634	63	73936	49.131	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.260%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49461	5.225	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.600%			
66) 1,2-Dichlorobenzene-d4	12.193	152	61848	4.976	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.600%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2897	0.294	ug/L	87
12) 1,1-Dichloroethene	2.576	96	53781	6.975	ug/L	85
17) Methyl tert-butyl Ether	3.364	73	9297	0.460	ug/L #	86
19) 1,1-Dichloroethane	3.869	63	13658	0.808	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	118309	12.355	ug/L	95
29) 1,1,1-Trichloroethane	5.316	97	4177	0.282	ug/L #	87
34) Trichloroethene	6.541	95	673575	66.422	ug/L	98
35) Methylcyclohexane	6.689	83	15485	1.088	ug/L #	24
37) 1,2-Dichloropropane	6.692	63	7546	0.760	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	1532	0.113	ug/L #	79
47) Tetrachloroethene	8.550	164	23645	3.374	ug/L	96
48) 2-Hexanone	8.682	43	21432	4.829	ug/L #	85
49) Dibromochloromethane	8.550	129	24313	3.329	ug/L #	9
51) Chlorobenzene	9.447	112	6796	0.264	ug/L	90
61) 1,2,3-Trichloropropane	11.814	75	12079	2.138	ug/L #	67

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
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Instrument :
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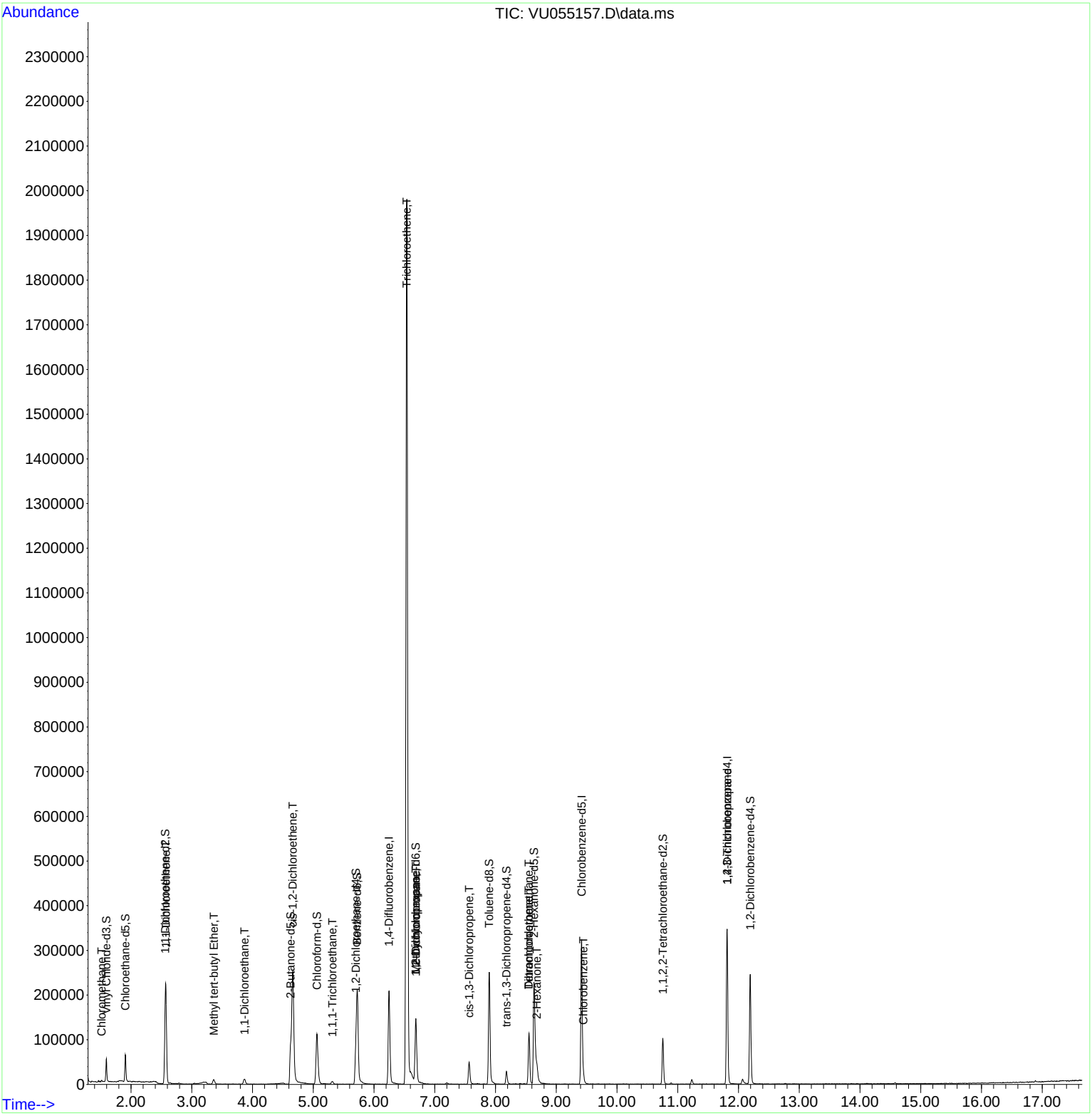
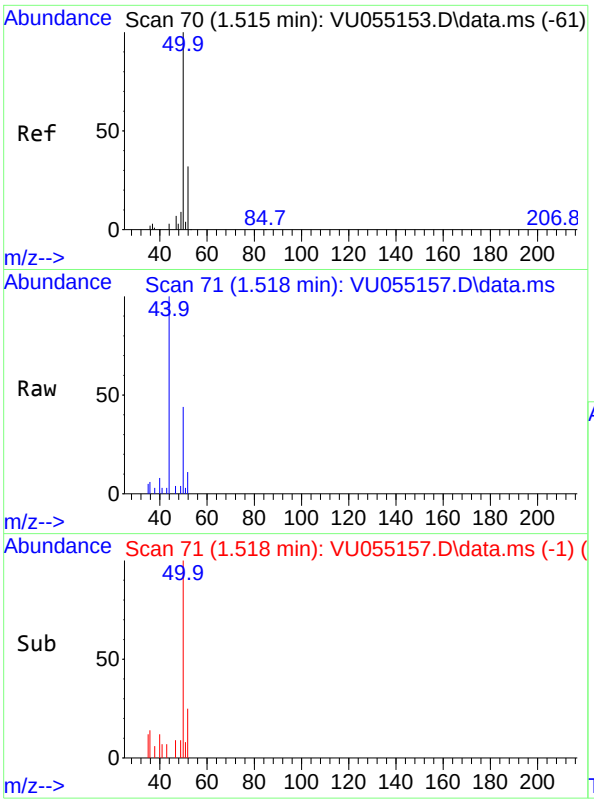
ClientSampleId :

Quant Time: Sep 07 02:27:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration



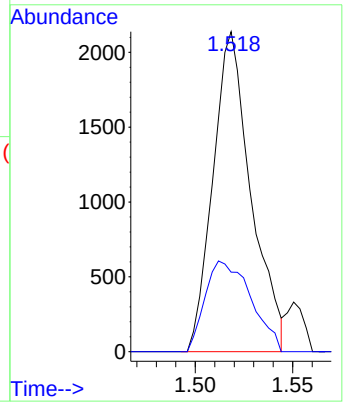


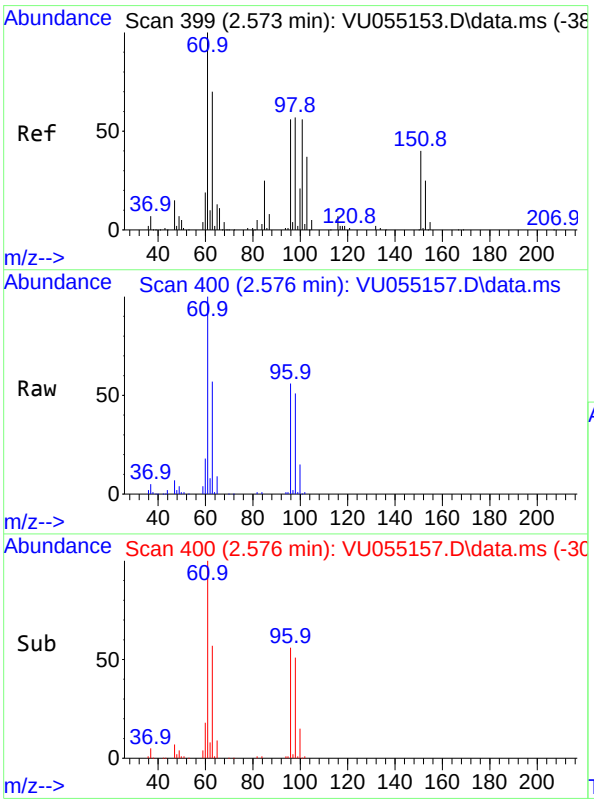
#3
Chloromethane
Concen: 0.294 ug/L
RT: 1.518 min Scan# 7
Delta R.T. 0.003 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 2897

Ion	Ratio	Lower	Upper
50	100		
52	24.8	22.5	41.7

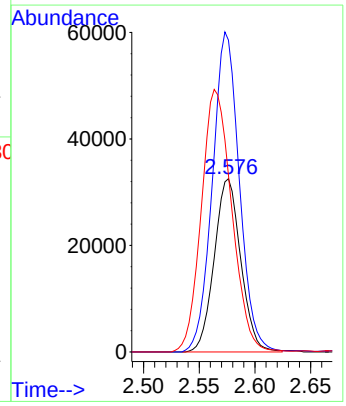


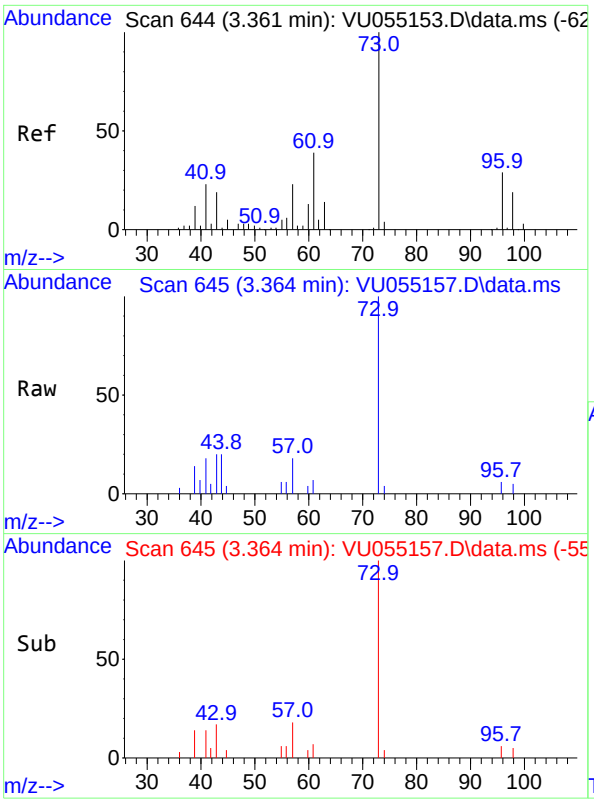


#12
1,1-Dichloroethene
Concen: 6.975 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Tgt Ion: 96 Resp: 53781

Ion	Ratio	Lower	Upper
96	100		
61	180.0	120.8	224.4
63	102.2	94.5	175.5



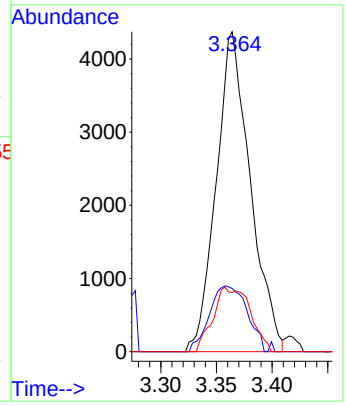


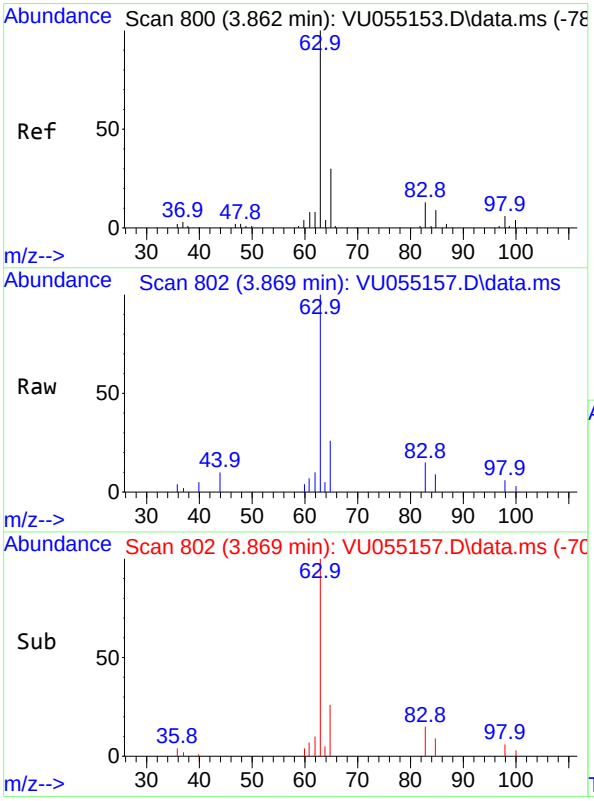
#17
Methyl tert-butyl Ether
Concen: 0.460 ug/L
RT: 3.364 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 9297

Ion	Ratio	Lower	Upper
73	100		
43	22.7	16.2	24.2
57	11.5	17.4	26.2#

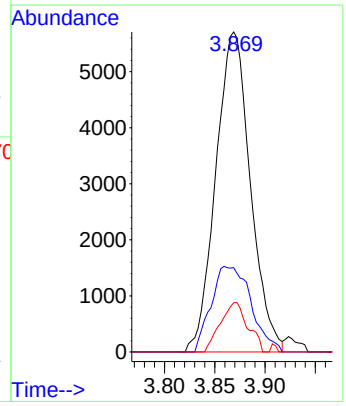


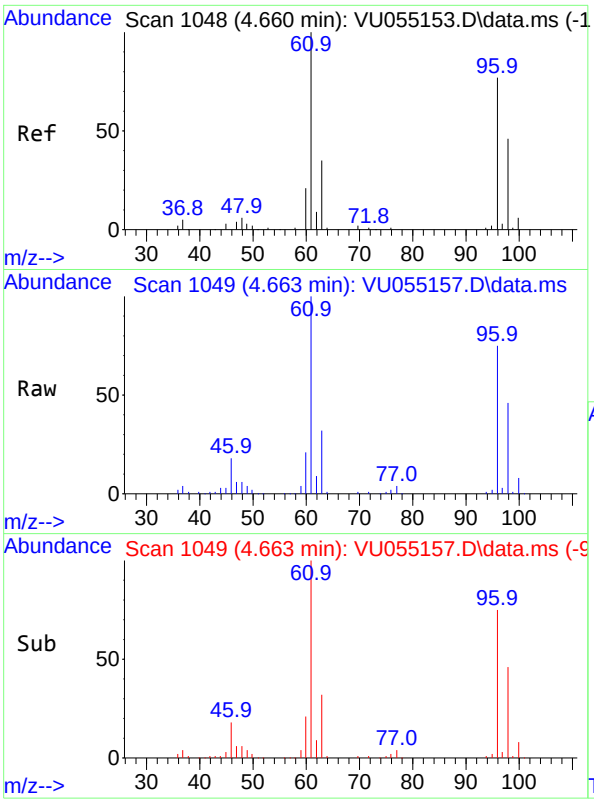


#19
1,1-Dichloroethane
Concen: 0.808 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Tgt Ion: 63 Resp: 13658

Ion	Ratio	Lower	Upper
63	100		
65	25.1	22.2	41.2
83	14.7	10.6	19.8



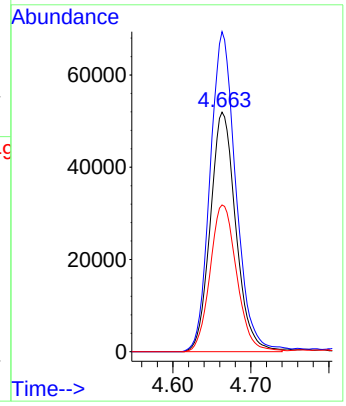


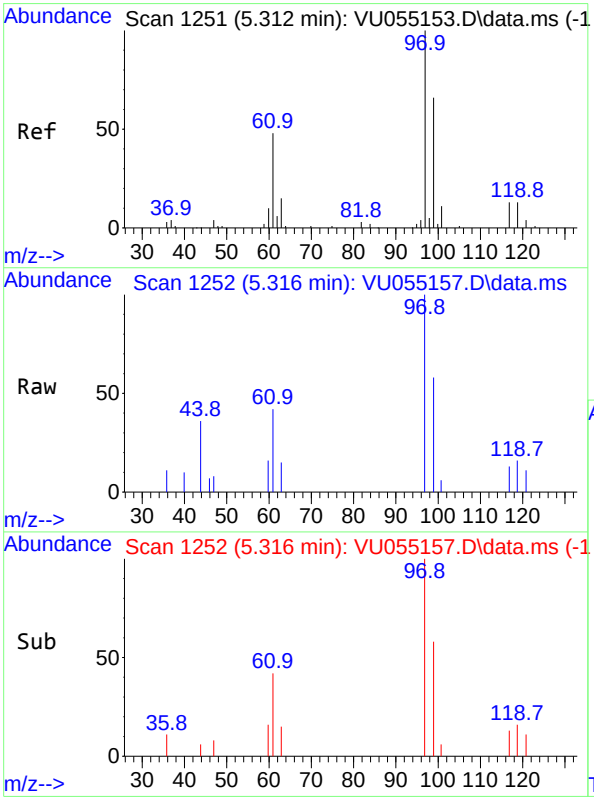
#22
cis-1,2-Dichloroethene
Concen: 12.355 ug/L
RT: 4.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 118309

Ion	Ratio	Lower	Upper
96	100		
61	133.6	97.2	180.4
98	61.3	46.1	85.7

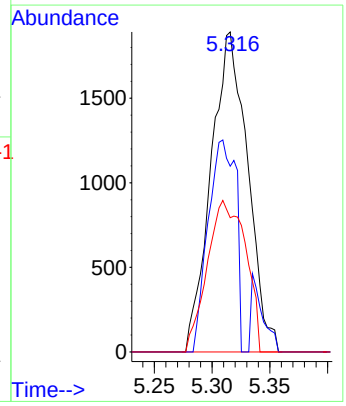


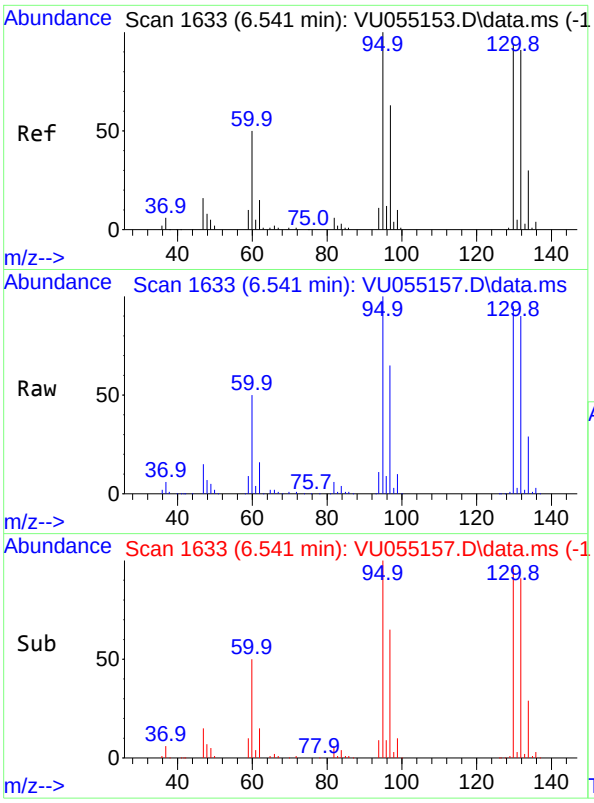


#29
1,1,1-Trichloroethane
Concen: 0.282 ug/L
RT: 5.316 min Scan# 1252
Delta R.T. 0.003 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Tgt Ion: 97 Resp: 4177

Ion	Ratio	Lower	Upper
97	100		
99	49.9	51.8	77.8#
61	49.7	36.8	55.2



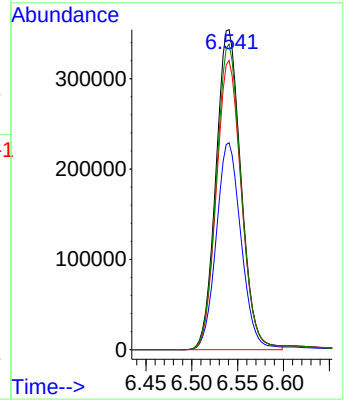


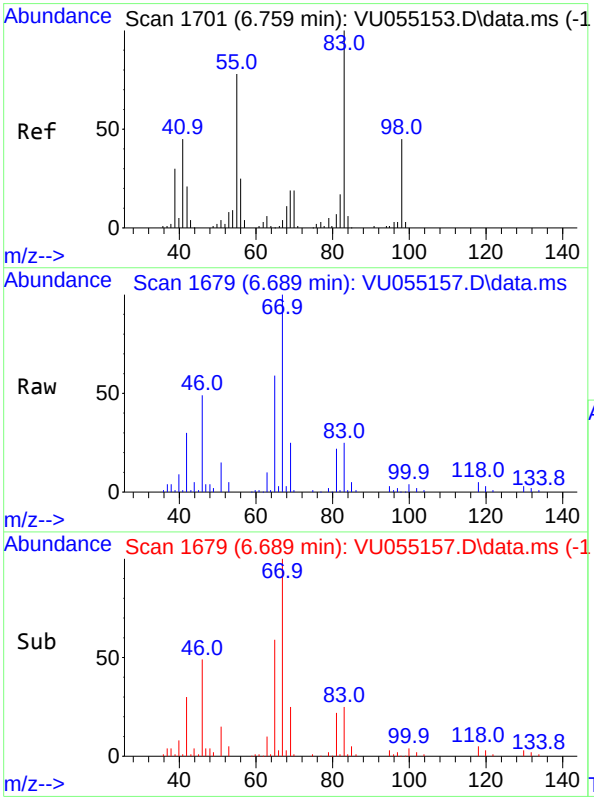
#34
Trichloroethene
Concen: 66.422 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 673575

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.7	83.1
132	90.4	66.6	123.6
130	95.4	66.5	123.5

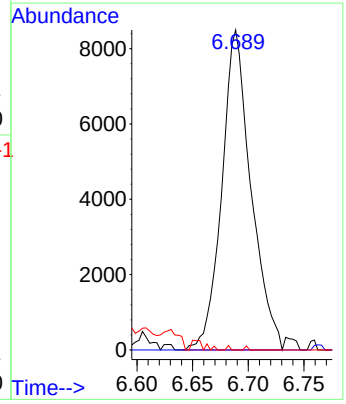


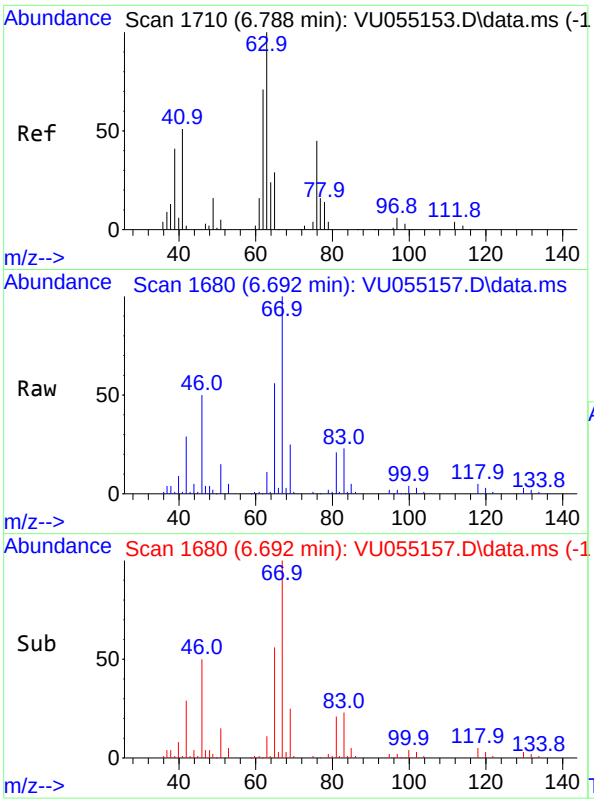


#35
Methylcyclohexane
Concen: 1.088 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Tgt Ion: 83 Resp: 15485

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.4	90.6#
98	7.7	35.3	52.9#



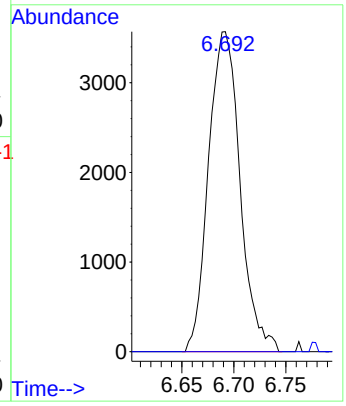


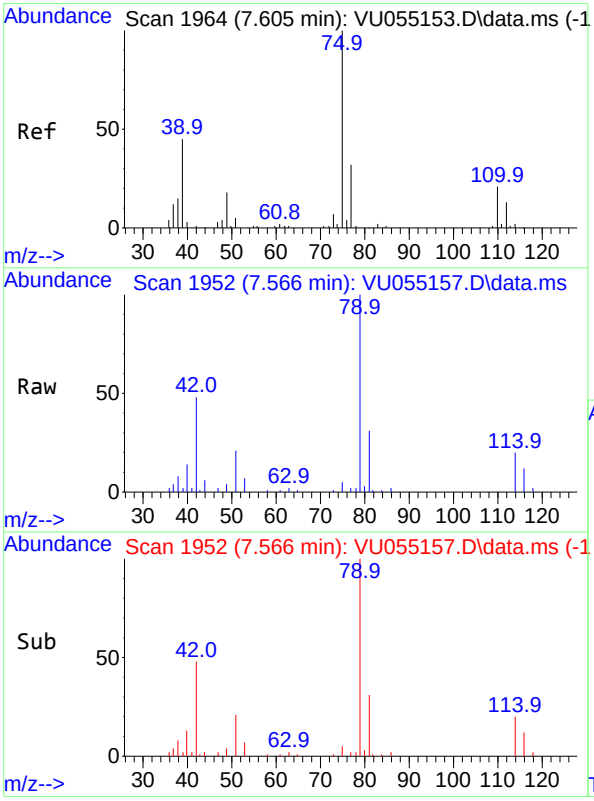
#37
1,2-Dichloropropane
Concen: 0.760 ug/L
RT: 6.692 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7546

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.2	4.8#

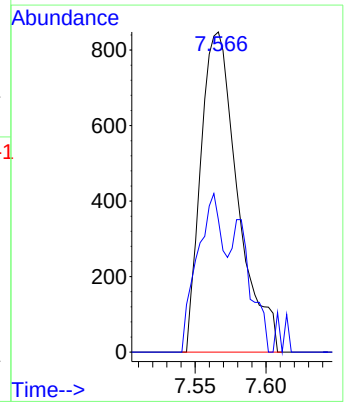


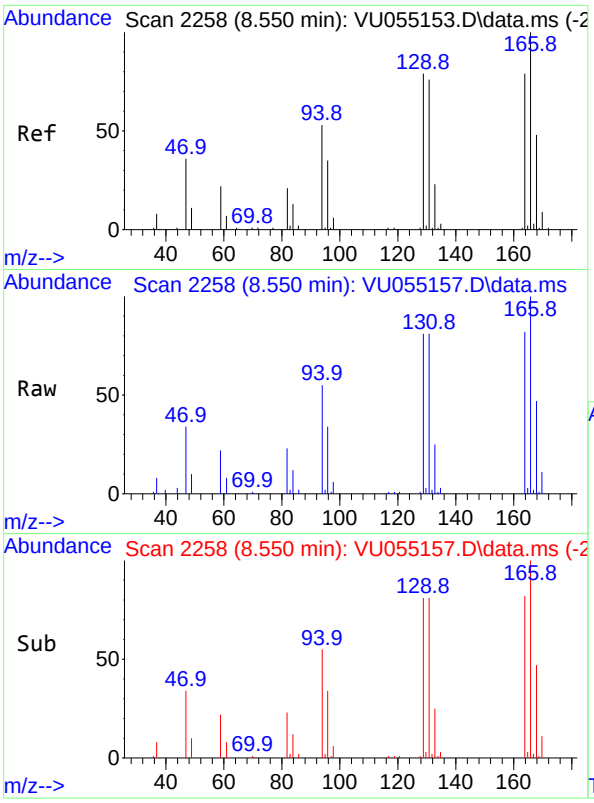


#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.042 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Tgt Ion: 75 Resp: 1532

Ion	Ratio	Lower	Upper
75	100		
77	41.4	20.9	38.9#



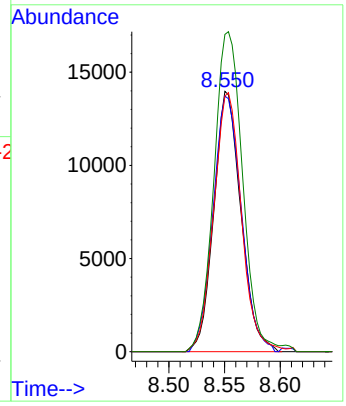


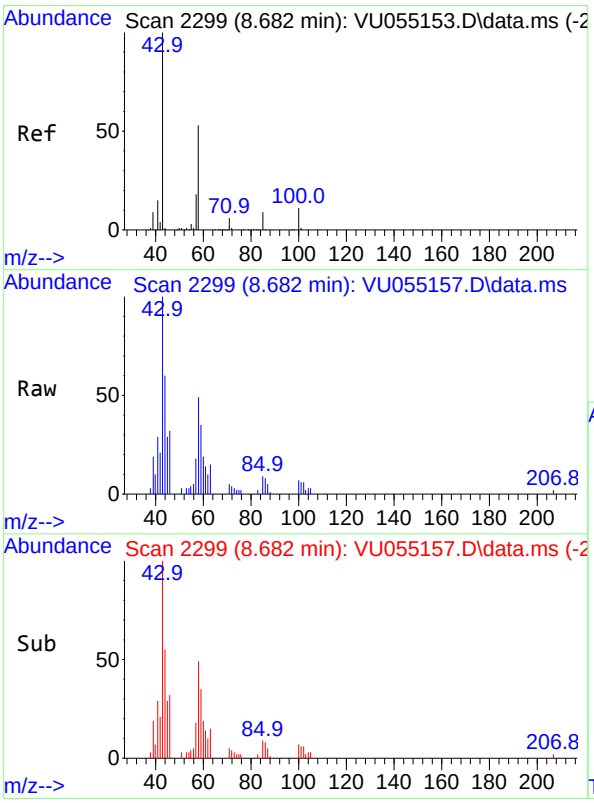
#47
Tetrachloroethene
Concen: 3.374 ug/L
RT: 8.550 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 23645

Ion	Ratio	Lower	Upper
164	100		
129	98.2	69.2	128.6
131	98.2	68.8	127.8
166	121.9	92.3	171.5

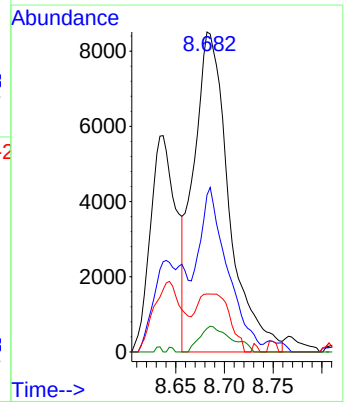


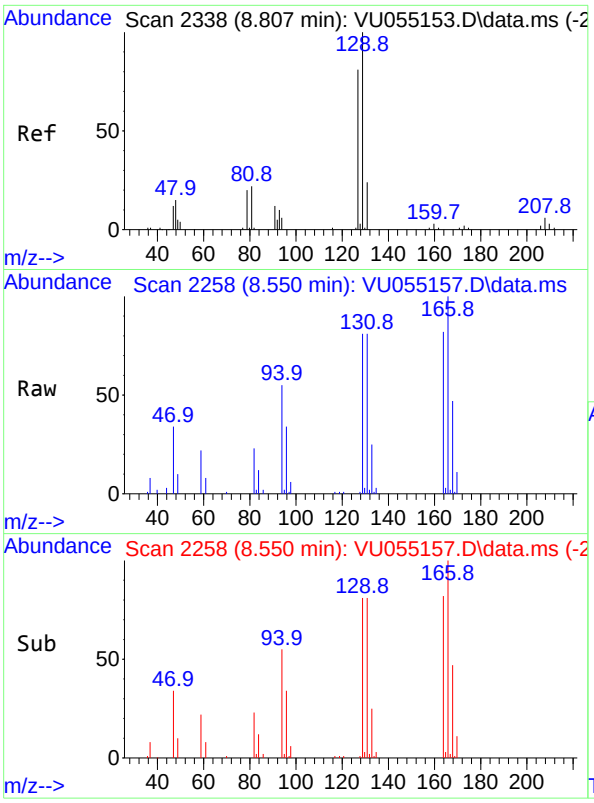


#48
2-Hexanone
Concen: 4.829 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Tgt Ion: 43 Resp: 21432

Ion	Ratio	Lower	Upper
43	100		
58	41.4	44.0	66.0#
57	16.8	16.2	24.2
100	7.1	9.0	13.4#



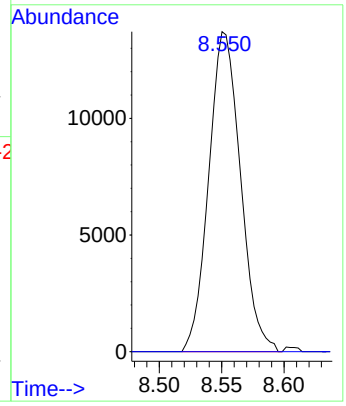


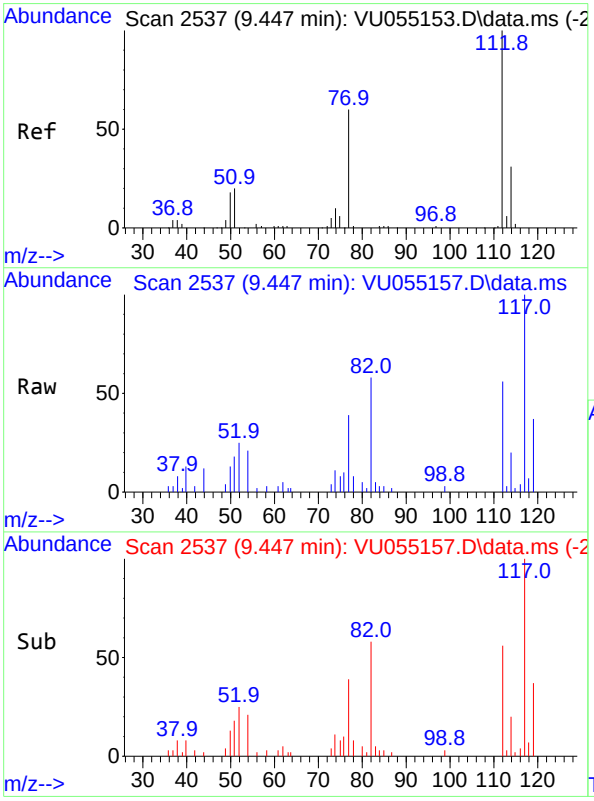
#49
Dibromochloromethane
Concen: 3.329 ug/L
RT: 8.550 min Scan# 2
Delta R.T. -0.257 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 24313

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.9	103.7#

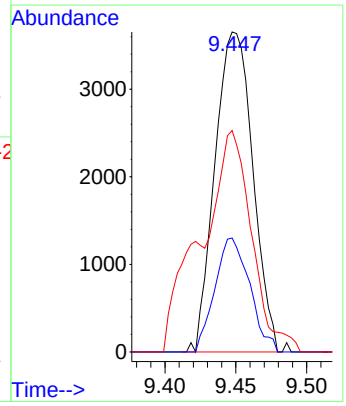


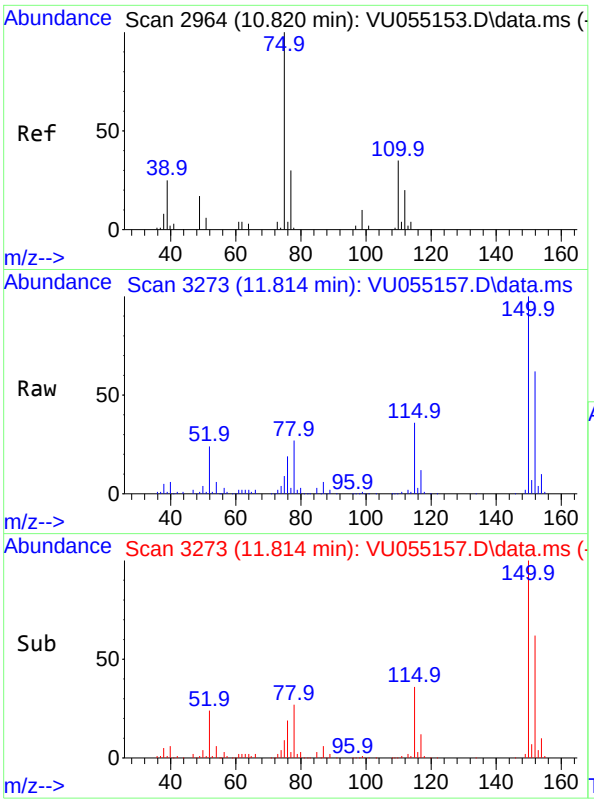


#51
Chlorobenzene
Concen: 0.264 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.000 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Tgt Ion:112 Resp: 6796

Ion	Ratio	Lower	Upper
112	100		
114	35.6	21.7	40.3
77	69.2	48.6	72.8





#61
1,2,3-Trichloropropane
Concen: 2.138 ug/L
RT: 11.814 min Scan# 3
Delta R.T. 0.994 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 12079

Ion	Ratio	Lower	Upper
75	100		
110	0.2	28.2	42.2#
77	34.9	26.2	39.4