Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
Data File : VU053720.D
Acq On : 14 Apr 2023 17:52
Operator : JC/MD
Sample : 02254-19DL2 4000X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AC8DL2

Quant Time: Apr 15 05:34:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 15 05:28:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141107	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129504	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62125	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48174	4.963	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.200%			
7) Chloroethane-d5	1.912	69	38546	4.375	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.600%			
11) 1,1-Dichloroethene-d2	2.565	65	17793	4.303	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.000%			
20) 2-Butanone-d5	4.632	46	87081	39.158	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.320%			
24) Chloroform-d	5.060	84	76854	4.271	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.400%			
26) 1,2-Dichloroethane-d4	5.697	65	38487	4.173	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.400%			
32) Benzene-d6	5.722	84	158652	4.323	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	6.687	67	49733	4.447	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.000%			
41) Toluene-d8	7.896	98	142871	4.126	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.600%			
43) trans-1,3-Dichloroprop...	8.176	79	18290	4.262	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.200%			
46) 2-Hexanone-d5	8.632	63	74221	42.578	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.160%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	36180	3.887	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	50719	4.538	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	6420	0.804	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	4980	0.326	ug/L	96
29) 1,1,1-Trichloroethane	5.311	97	132286	10.347	ug/L	96
31) Carbon tetrachloride	5.314	117	18393	1.700	ug/L	98
35) Methylcyclohexane	6.687	83	10677	0.673	ug/L #	23
37) 1,2-Dichloropropane	6.684	63	5268	0.575	ug/L #	89
48) 2-Hexanone	8.629	43	7776	2.346	ug/L #	63
61) 1,2,3-Trichloropropane	11.806	75	7363	1.430	ug/L #	65

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

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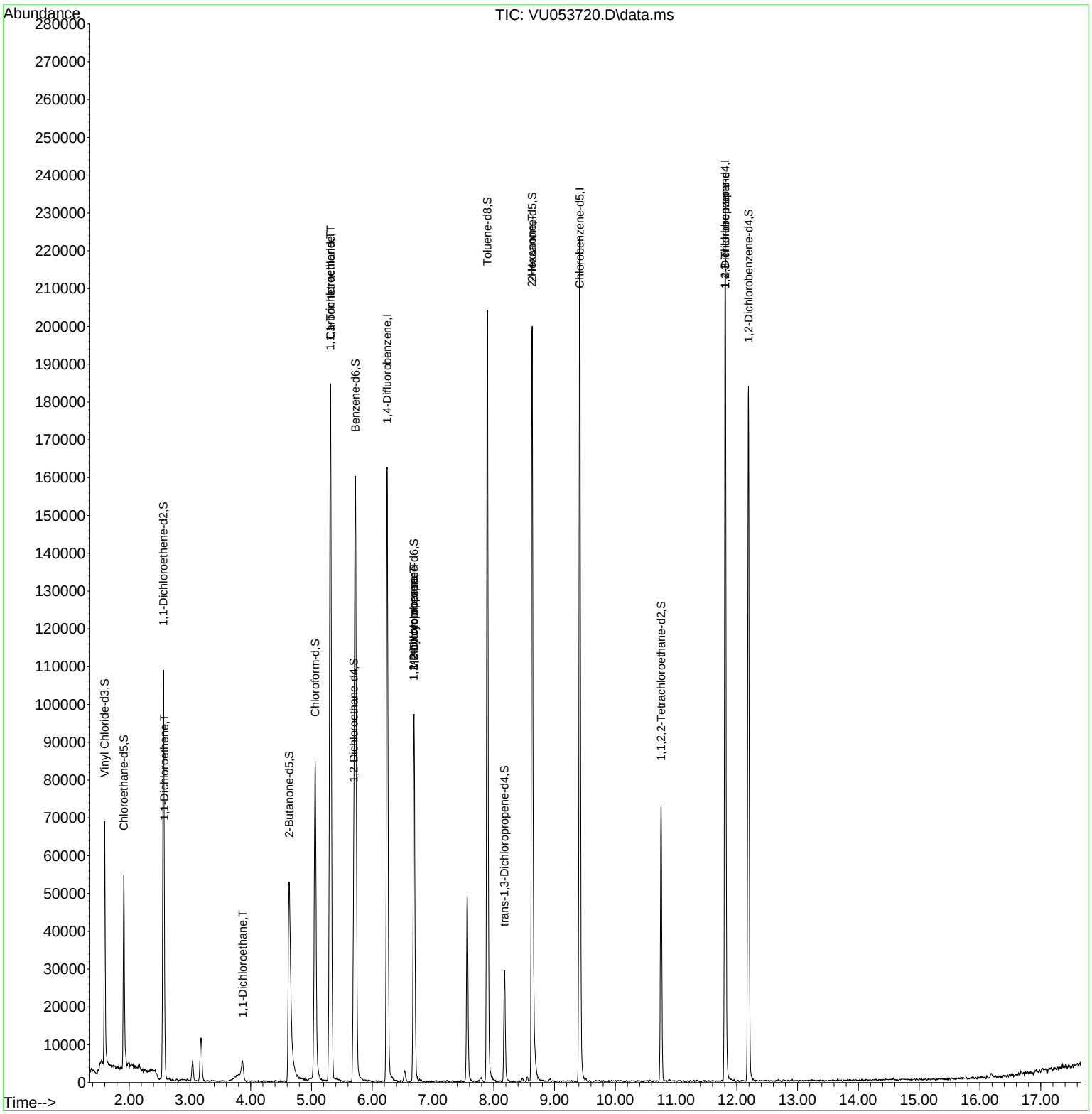
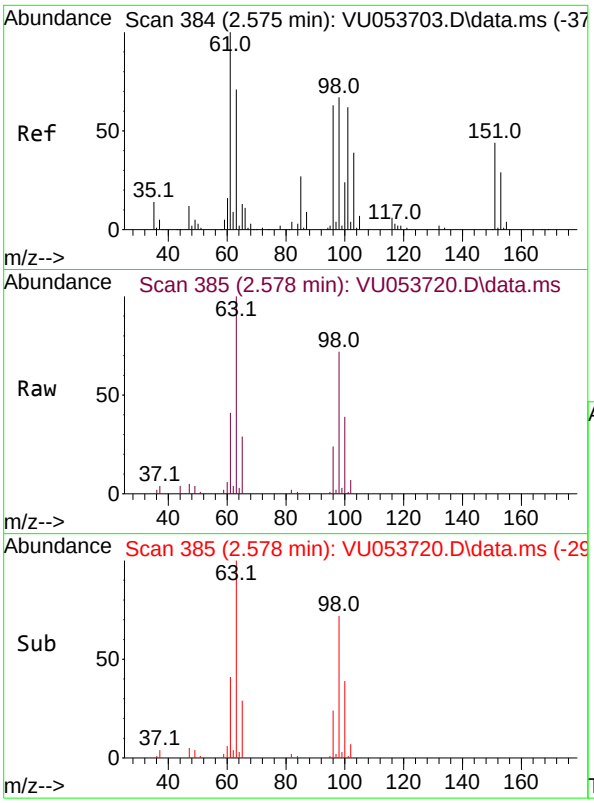


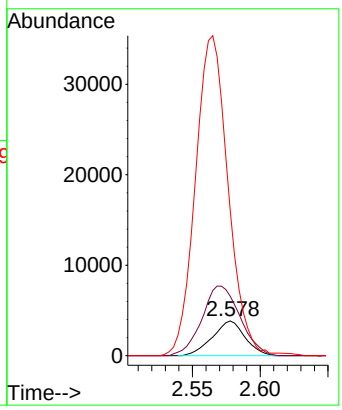


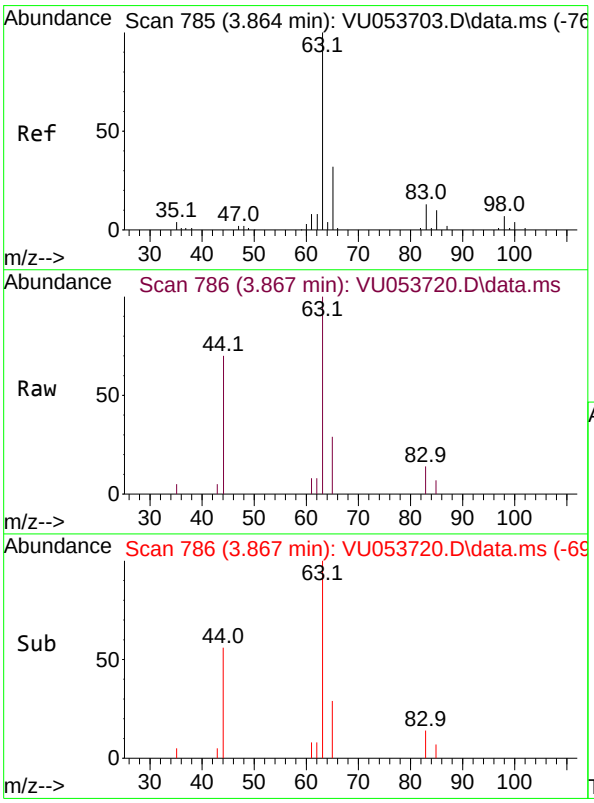
#12
1,1-Dichloroethene
Concen: 0.804 ug/L
RT: 2.578 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU053720.D
Acq: 14 Apr 2023 17:52

Instrument :
MSVOA_U
ClientSampleId :
C0AC8DL2

Tgt Ion: 96 Resp: 6420

Ion	Ratio	Lower	Upper
96	100		
61	171.4	116.8	216.8
63	418.8	88.6	164.6#

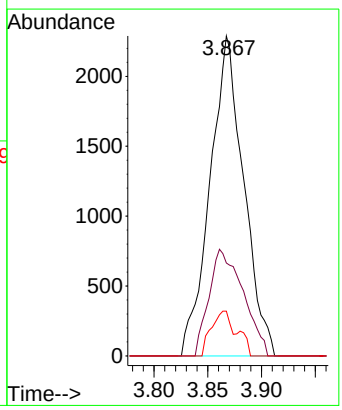


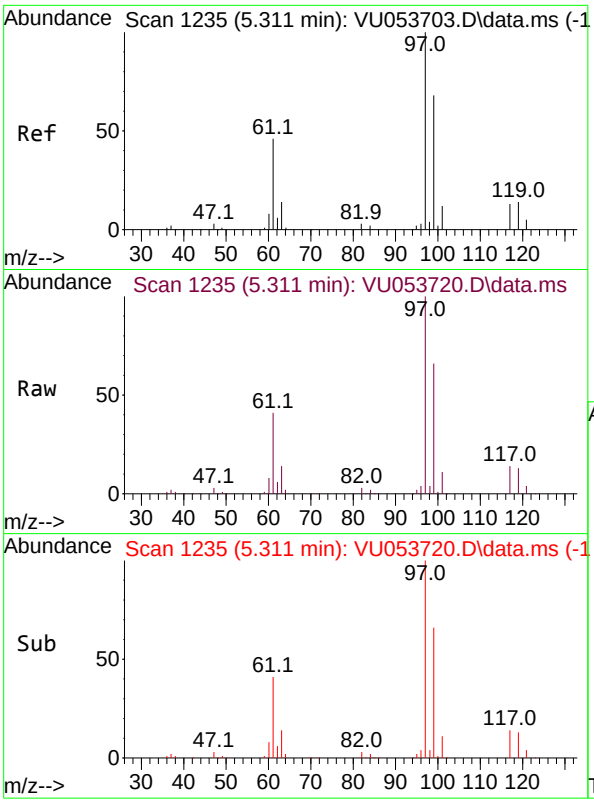


#19
1,1-Dichloroethane
Concen: 0.326 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053720.D
Acq: 14 Apr 2023 17:52

Tgt Ion: 63 Resp: 4980

Ion	Ratio	Lower	Upper
63	100		
65	29.1	21.7	40.3
83	14.0	8.1	15.1



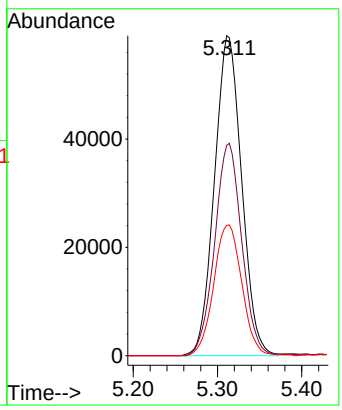


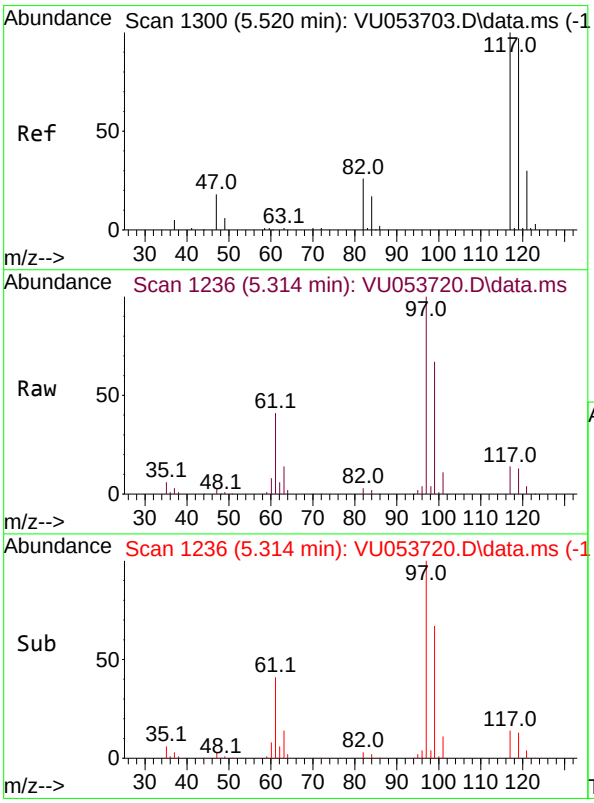
#29
1,1,1-Trichloroethane
Concen: 10.347 ug/L
RT: 5.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053720.D
Acq: 14 Apr 2023 17:52

Instrument :
MSVOA_U
ClientSampleId :
C0AC8DL2

Tgt Ion: 97 Resp: 132286

Ion	Ratio	Lower	Upper
97	100		
99	66.2	49.9	74.9
61	42.3	35.7	53.5

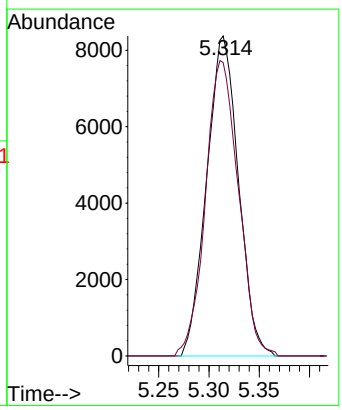


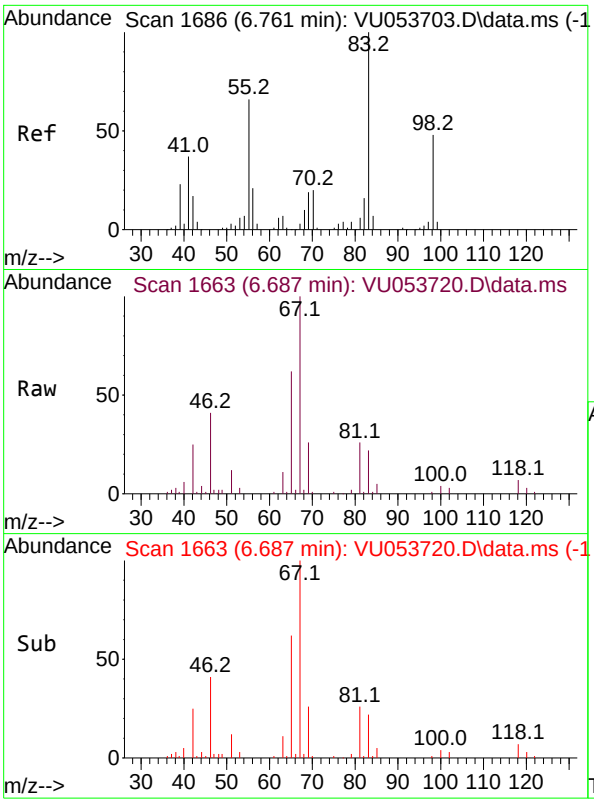


#31
Carbon tetrachloride
Concen: 1.700 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.206 min
Lab File: VU053720.D
Acq: 14 Apr 2023 17:52

Tgt Ion:117 Resp: 18393

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.7	116.5



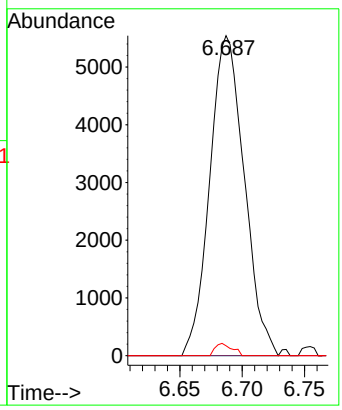


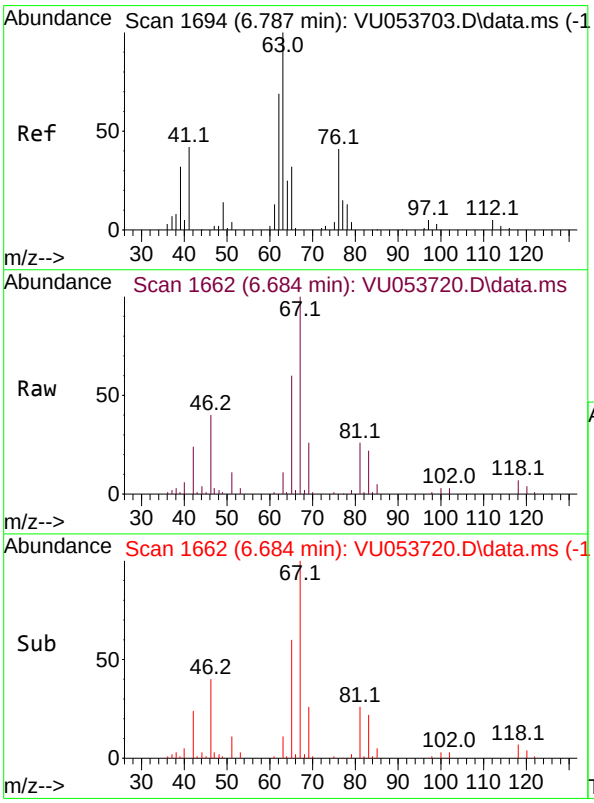
#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU053720.D
Acq: 14 Apr 2023 17:52

Instrument :
MSVOA_U
ClientSampleId :
C0AC8DL2

Tgt Ion: 83 Resp: 10677

Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.9	82.3#
98	1.9	34.9	52.3#

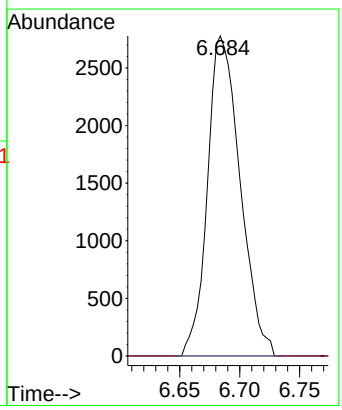


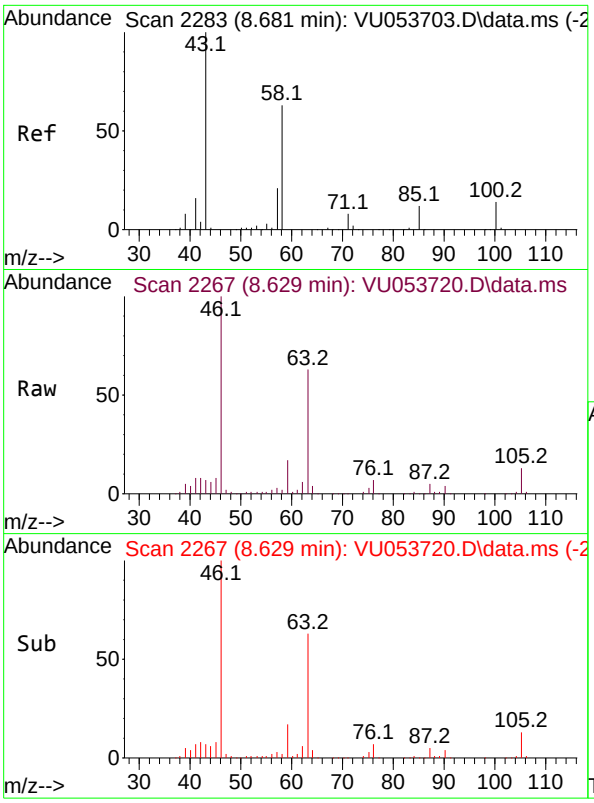


#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053720.D
Acq: 14 Apr 2023 17:52

Tgt Ion: 63 Resp: 5268

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



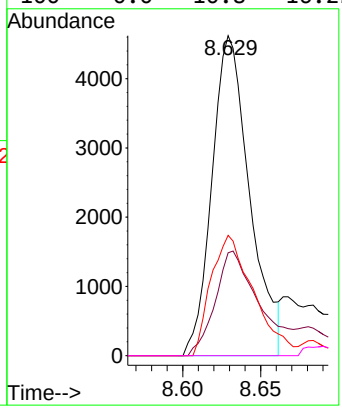


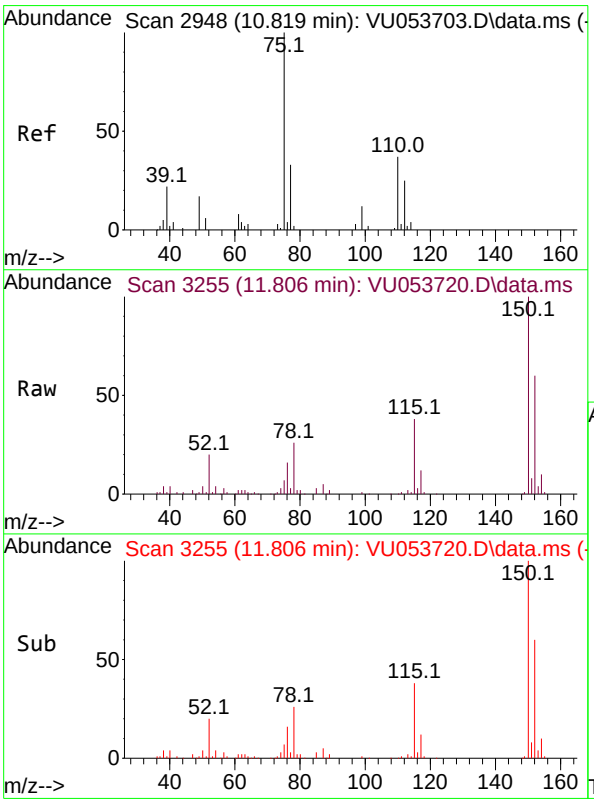
#48
2-Hexanone
Concen: 2.346 ug/L
RT: 8.629 min Scan# 2
Delta R.T. -0.052 min
Lab File: VU053720.D
Acq: 14 Apr 2023 17:52

Instrument :
MSVOA_U
ClientSampleId :
C0AC8DL2

Tgt Ion: 43 Resp: 7776

Ion	Ratio	Lower	Upper
43	100		
58	38.5	52.8	79.2#
57	42.4	17.1	25.7#
100	0.0	10.8	16.2#





#61
1,2,3-Trichloropropane
Concen: 1.430 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053720.D
Acq: 14 Apr 2023 17:52

Tgt Ion: 75 Resp: 7363

Ion	Ratio	Lower	Upper
75	100		
110	1.5	30.6	46.0#
77	35.6	26.1	39.1