Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
Data File : VU055290.D
Acq On : 13 Sep 2023 17:30
Operator : MD/SY
Sample : 04350-10DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 14 05:06:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 14 05:00:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	178981	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181688	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	86132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27017	3.221	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.400%			
7) Chloroethane-d5	1.907	69	50301	5.180	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.600%			
11) 1,1-Dichloroethene-d2	2.563	65	14422	3.017	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.400%			
20) 2-Butanone-d5	4.631	46	174134	71.534	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 143.060%#			
24) Chloroform-d	5.062	84	109405	4.915	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
26) 1,2-Dichloroethane-d4	5.698	65	63166	5.672	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.400%			
32) Benzene-d6	5.724	84	204922	4.569	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
36) 1,2-Dichloropropane-d6	6.689	67	75079	5.263	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.200%			
41) Toluene-d8	7.898	98	165483	4.006	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.200%			
43) trans-1,3-Dichloroprop...	8.181	79	17414	4.433	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.600%			
46) 2-Hexanone-d5	8.634	63	99984	62.694	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.380%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59341	5.915	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 118.400%			
66) 1,2-Dichlorobenzene-d4	12.193	152	64826	5.156	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	10784	0.965	ug/L	97
12) 1,1-Dichloroethene	2.576	96	1599	0.193	ug/L #	1
16) Methylene chloride	3.039	84	6798	0.538	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	40582	3.949	ug/L	90
34) Trichloroethene	6.541	95	15071	1.402	ug/L	94
35) Methylcyclohexane	6.689	83	18067	1.198	ug/L #	22
37) 1,2-Dichloropropane	6.685	63	8634	0.820	ug/L #	89
48) 2-Hexanone	8.685	43	30909	6.571	ug/L #	93
61) 1,2,3-Trichloropropane	11.811	75	10944	1.915	ug/L #	69

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

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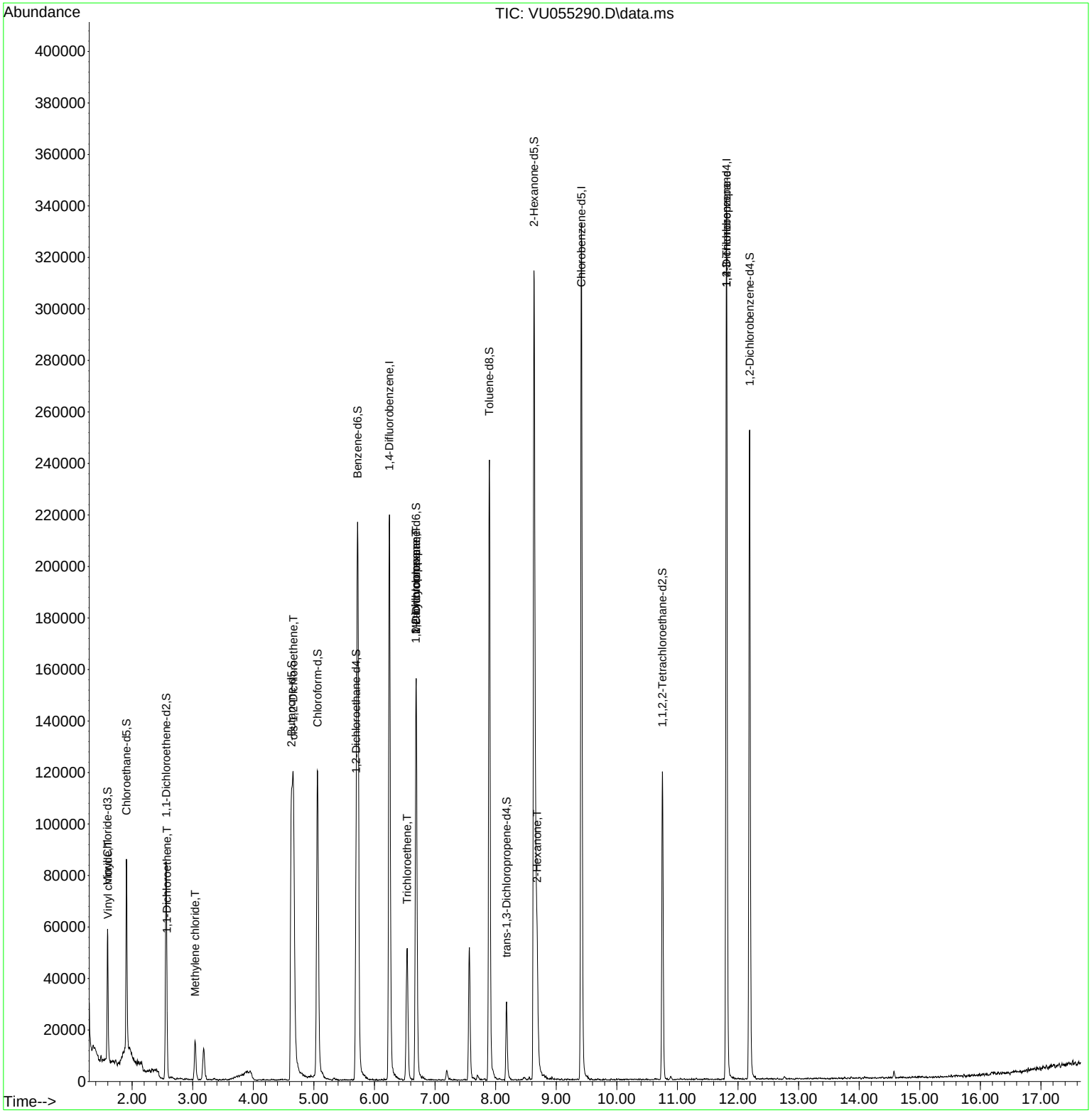
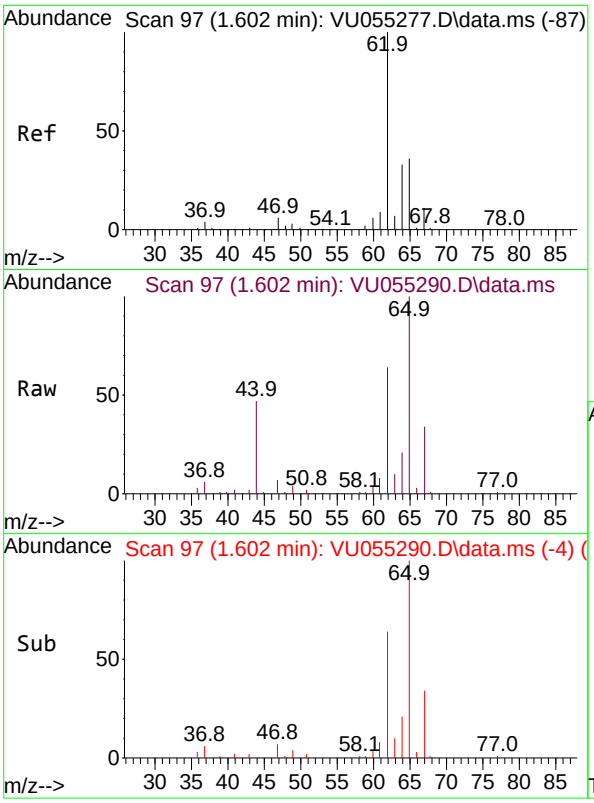


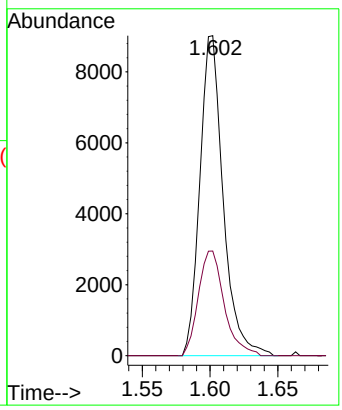


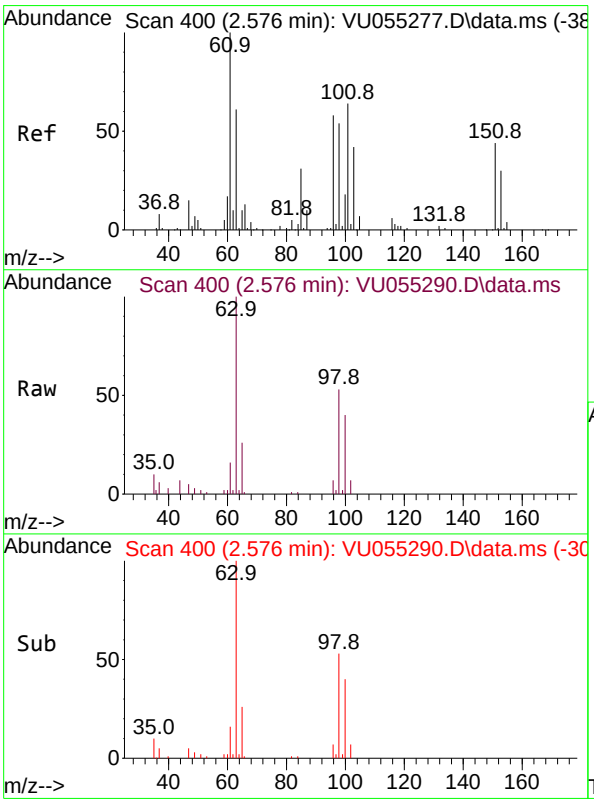
#5
Vinyl chloride
Concen: 0.965 ug/L
RT: 1.602 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 10784

Ion	Ratio	Lower	Upper
62	100		
64	32.7	24.2	45.0

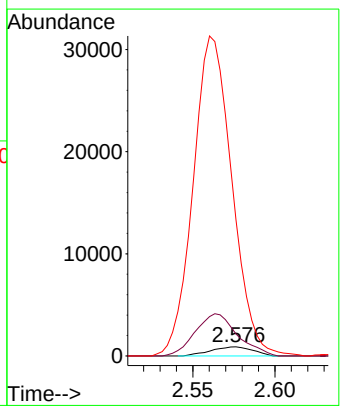


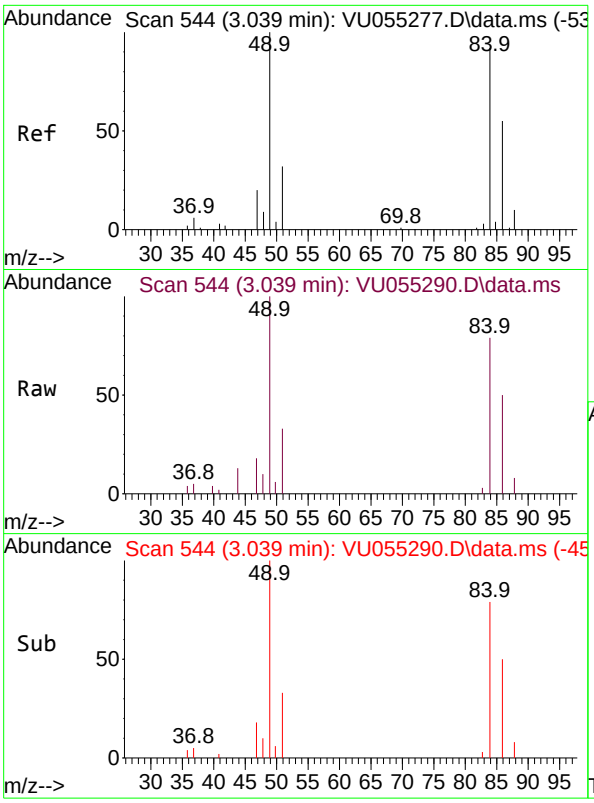


#12
1,1-Dichloroethene
Concen: 0.193 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

Tgt Ion: 96 Resp: 1599

Ion	Ratio	Lower	Upper
96	100		
61	239.8	120.8	224.4#
63	1482.6	94.5	175.5#



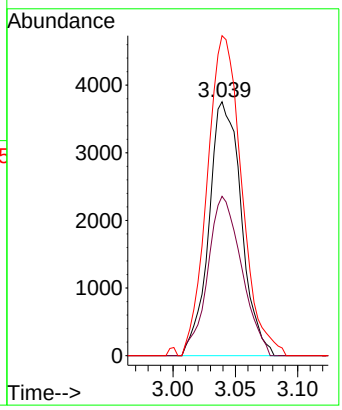


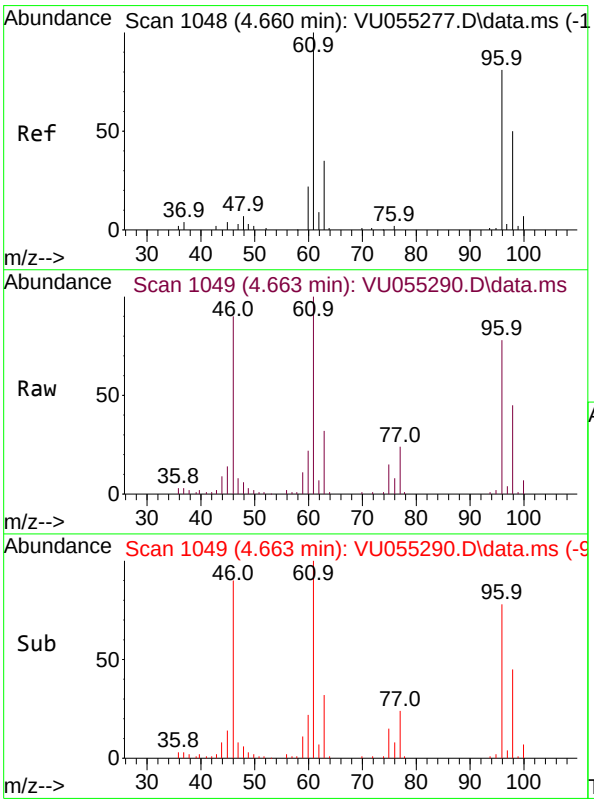
#16
Methylene chloride
Concen: 0.538 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 6798

Ion	Ratio	Lower	Upper
84	100		
86	62.8	43.4	80.6
49	134.2	87.7	162.9

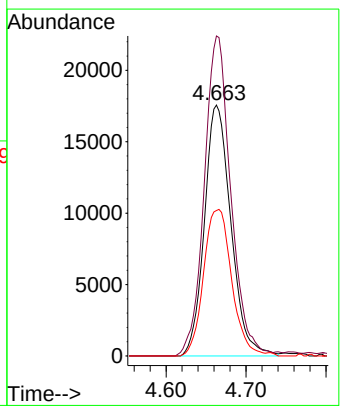


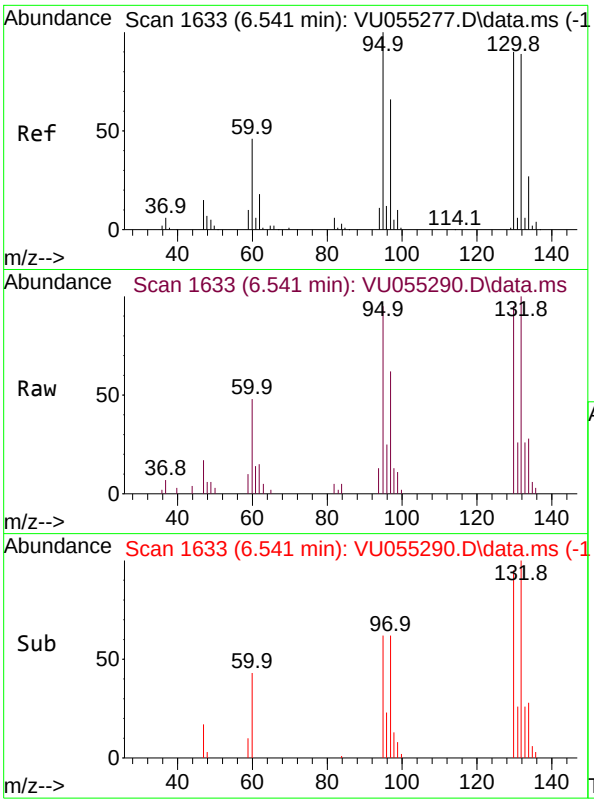


#22
cis-1,2-Dichloroethene
Concen: 3.949 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

Tgt Ion: 96 Resp: 40582

Ion	Ratio	Lower	Upper
96	100		
61	127.6	97.2	180.4
98	58.0	46.1	85.7



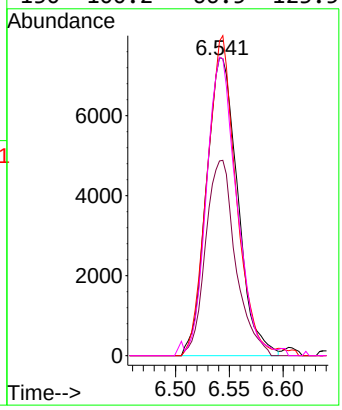


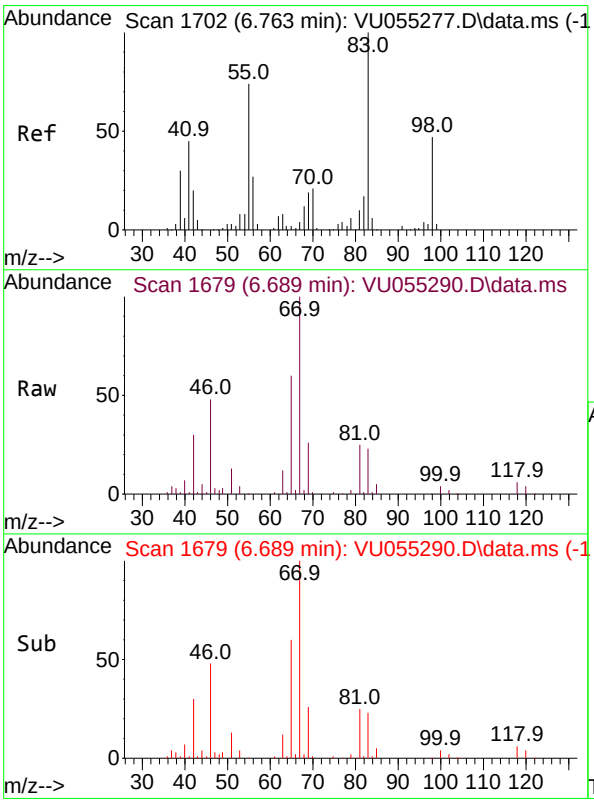
#34
Trichloroethene
Concen: 1.402 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 15071

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.7	83.1
132	105.5	66.6	123.6
130	100.2	66.5	123.5

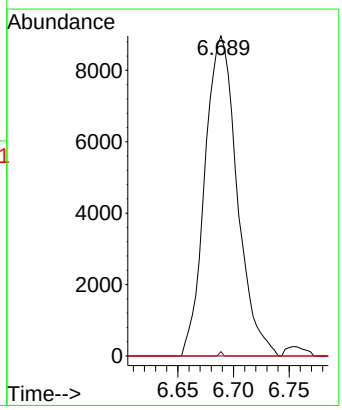


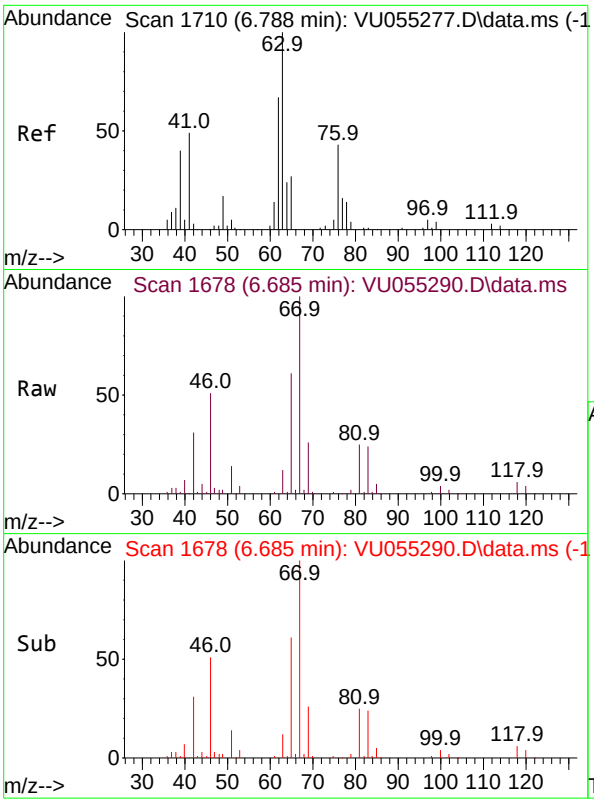


#35
Methylcyclohexane
Concen: 1.198 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

Tgt Ion: 83 Resp: 18067

Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.4	90.6#
98	5.2	35.3	52.9#



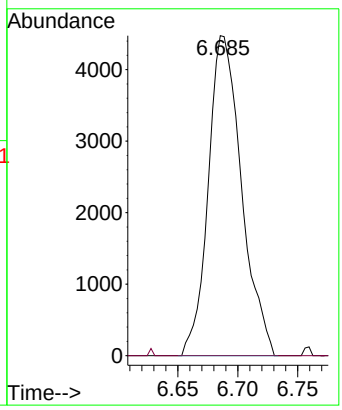


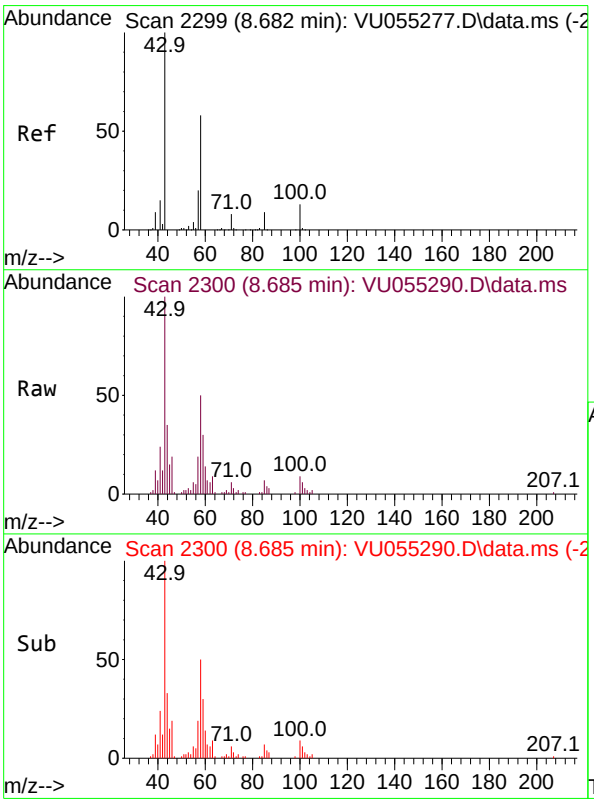
#37
1,2-Dichloropropane
Concen: 0.820 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8634

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.2	4.8#

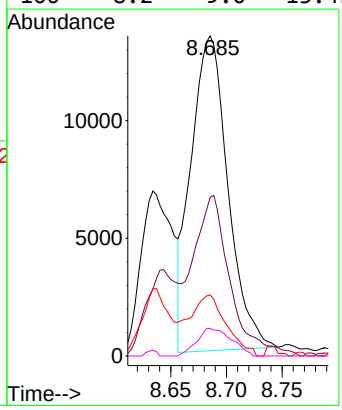


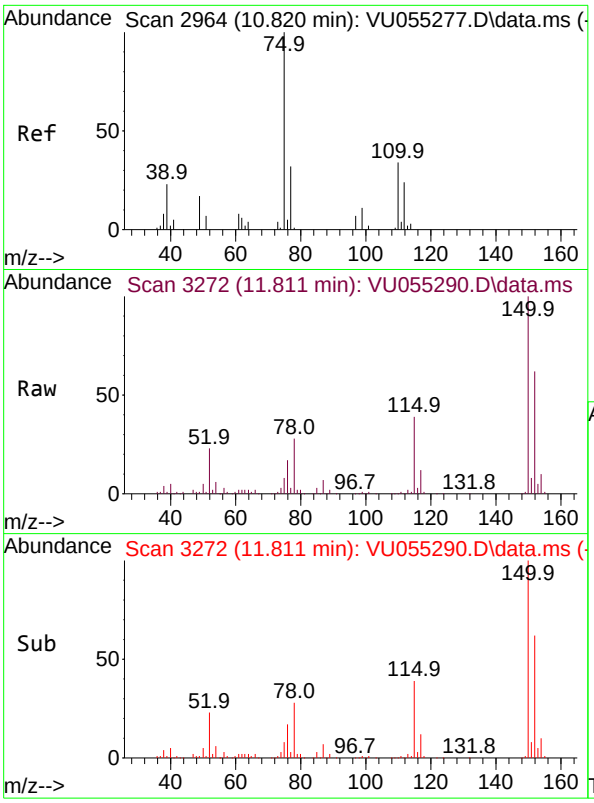


#48
2-Hexanone
Concen: 6.571 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

Tgt Ion: 43 Resp: 30909

Ion	Ratio	Lower	Upper
43	100		
58	50.1	44.0	66.0
57	17.4	16.2	24.2
100	8.2	9.0	13.4#





#61
1,2,3-Trichloropropane
Concen: 1.915 ug/L
RT: 11.811 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10944

Ion	Ratio	Lower	Upper
75	100		
110	2.4	28.2	42.2#
77	34.4	26.2	39.4