Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
Data File : VU055295.D
Acq On : 13 Sep 2023 19:32
Operator : MD/SY
Sample : 04306-09 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 14 05:08:16 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	176425	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	91092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25199	3.048	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.000%			
7) Chloroethane-d5	1.908	69	45998	4.806	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.200%			
11) 1,1-Dichloroethene-d2	2.563	65	14731	3.127	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.600%			
20) 2-Butanone-d5	4.628	46	178874	74.546	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 149.100%#			
24) Chloroform-d	5.062	84	111122	5.064	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	5.698	65	60360	5.499	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.000%			
32) Benzene-d6	5.724	84	197287	4.245	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.000%			
36) 1,2-Dichloropropane-d6	6.689	67	71351	4.827	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.600%			
41) Toluene-d8	7.898	98	156669	3.660	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.200%			
43) trans-1,3-Dichloroprop...	8.181	79	16873	4.145	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.000%			
46) 2-Hexanone-d5	8.631	63	92849	56.188	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.380%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	56543	5.440	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	64603	4.859	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.200%			
Target Compounds						Qvalue
16) Methylene chloride	3.046	84	5815	0.467	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	147495	6.895	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	5464	0.539	ug/L	80
34) Trichloroethene	6.541	95	43372	3.895	ug/L	97
35) Methylcyclohexane	6.689	83	16902	1.082	ug/L #	20
37) 1,2-Dichloropropane	6.692	63	8197	0.751	ug/L #	88
48) 2-Hexanone	8.685	43	31038	6.368	ug/L #	87
61) 1,2,3-Trichloropropane	11.811	75	11874	1.964	ug/L #	68

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

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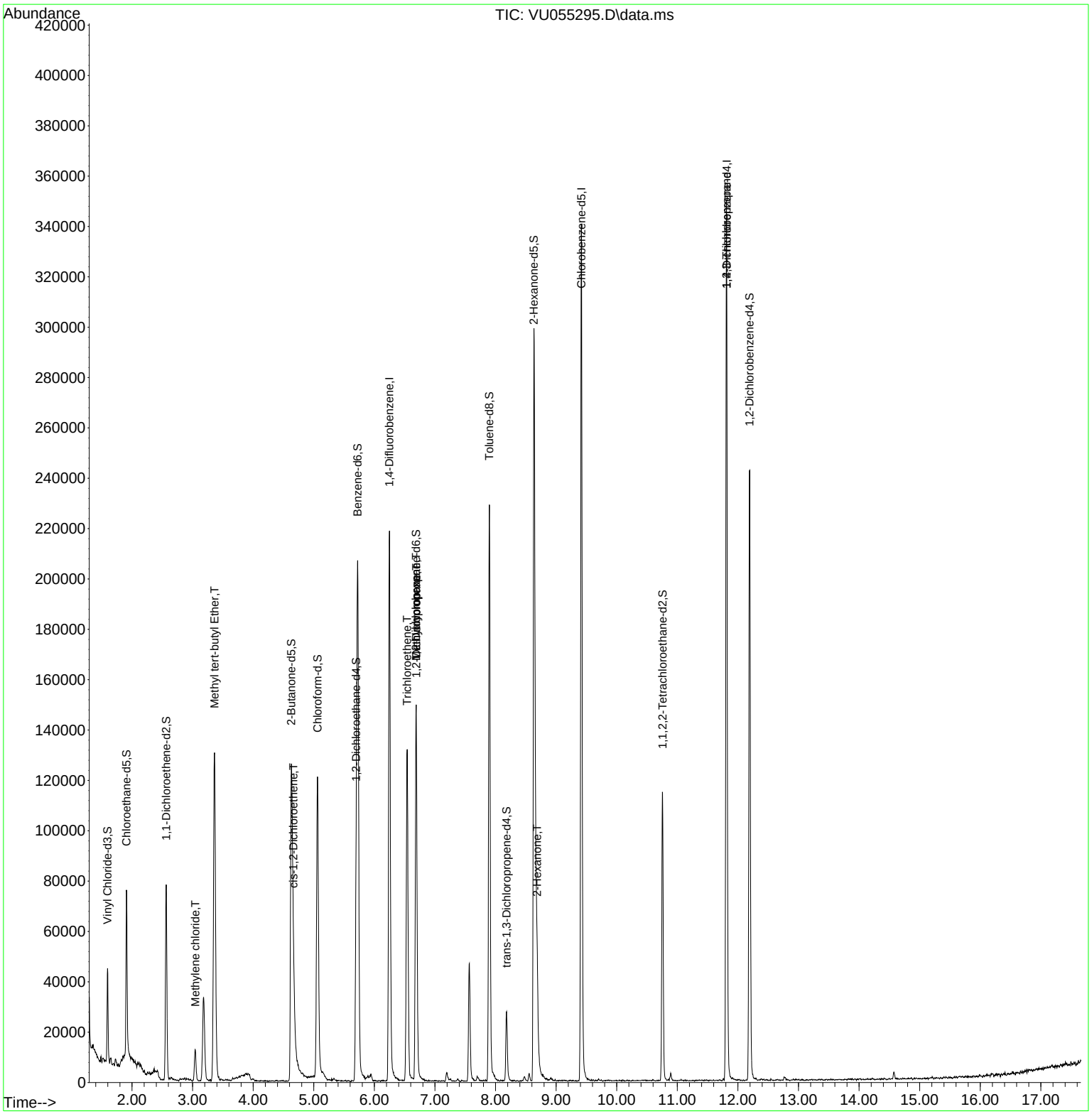
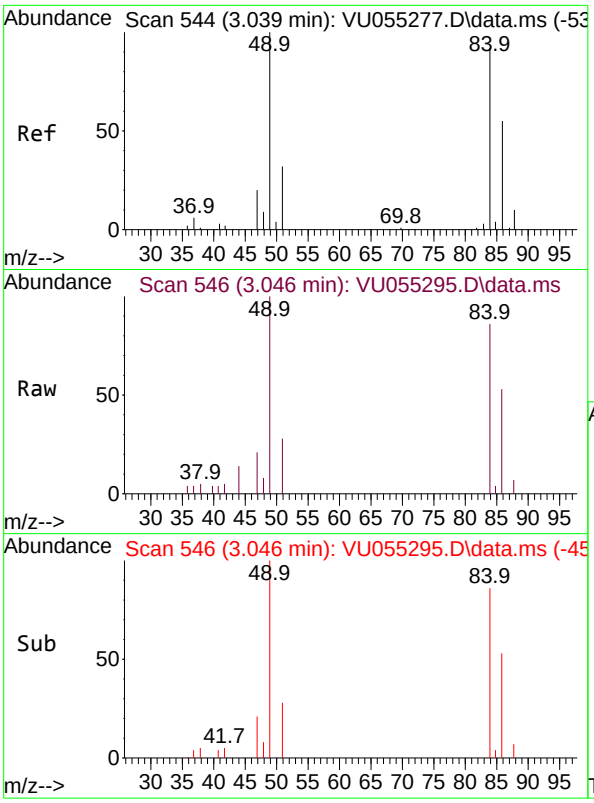


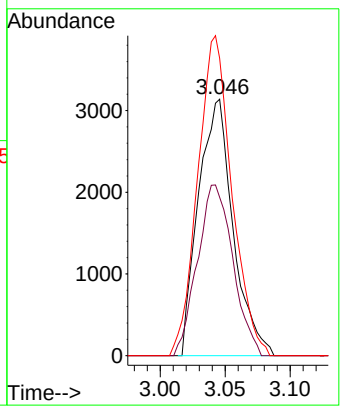


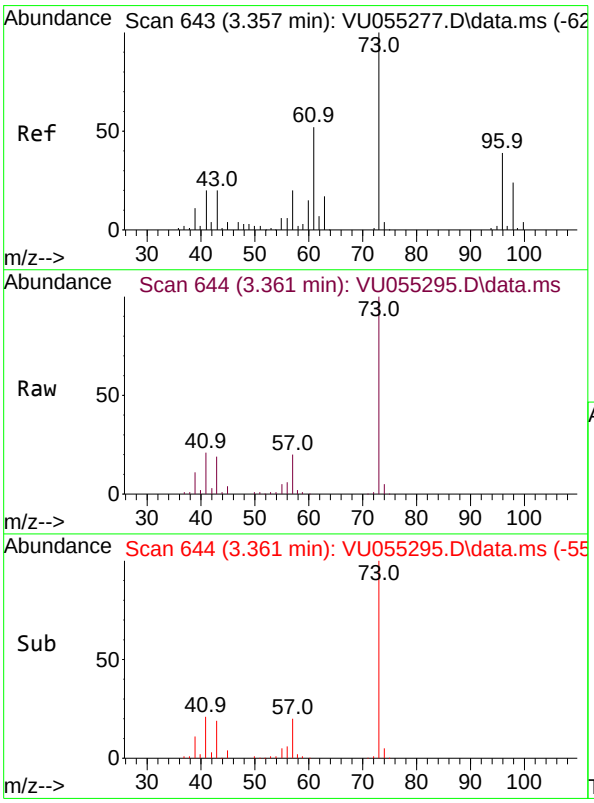
#16
Methylene chloride
Concen: 0.467 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.007 min
Lab File: VU055295.D
Acq: 13 Sep 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 5815

Ion	Ratio	Lower	Upper
84	100		
86	61.7	43.4	80.6
49	116.0	87.7	162.9

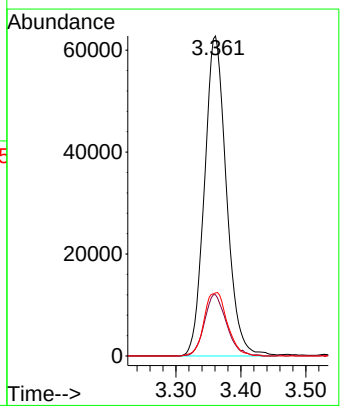


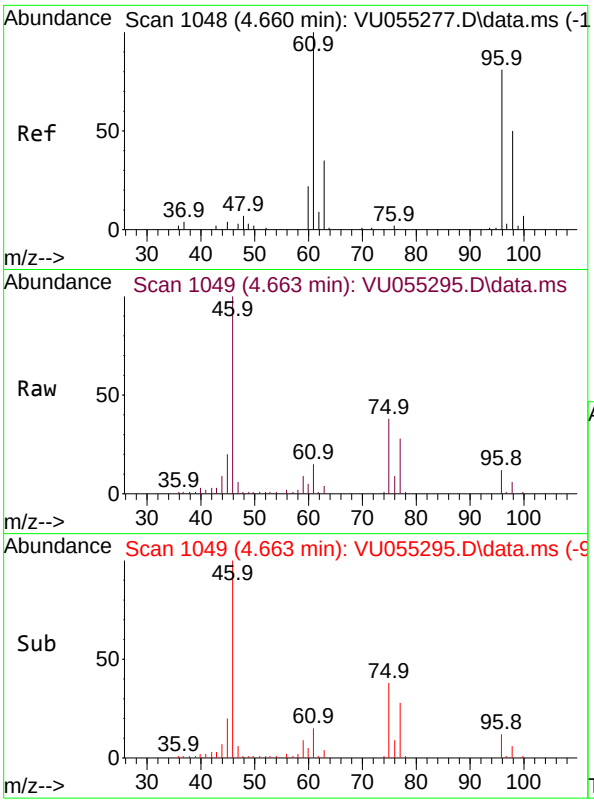


#17
Methyl tert-butyl Ether
Concen: 6.895 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055295.D
Acq: 13 Sep 2023 19:32

Tgt Ion: 73 Resp: 147495

Ion	Ratio	Lower	Upper
73	100		
43	19.4	16.2	24.2
57	21.0	17.4	26.2



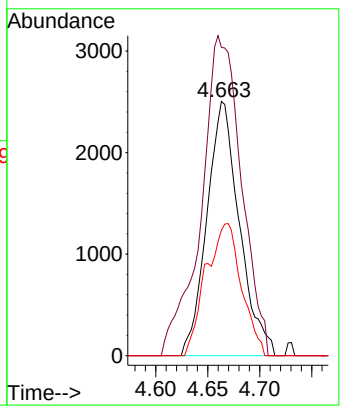


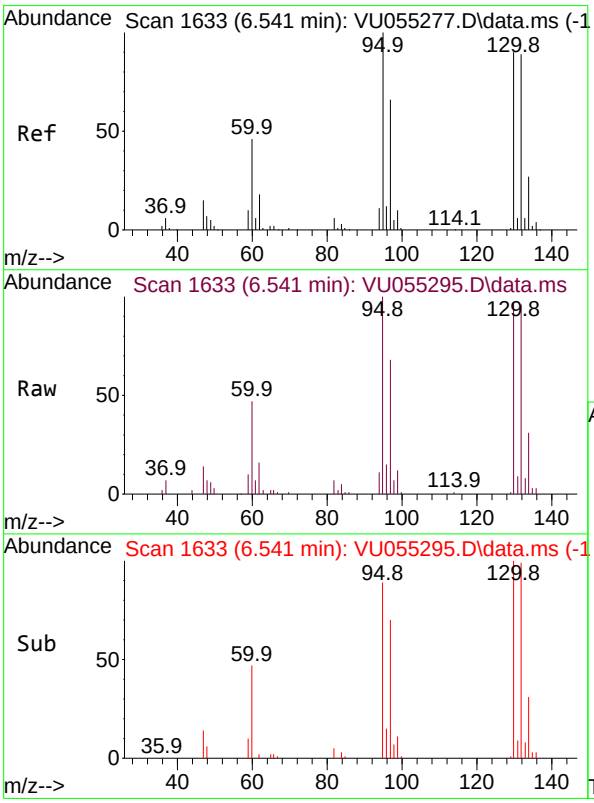
#22
cis-1,2-Dichloroethene
Concen: 0.539 ug/L
RT: 4.663 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055295.D
Acq: 13 Sep 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 5464

Ion	Ratio	Lower	Upper
96	100		
61	116.0	97.2	180.4
98	47.2	46.1	85.7

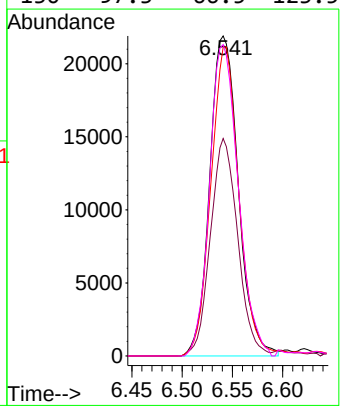


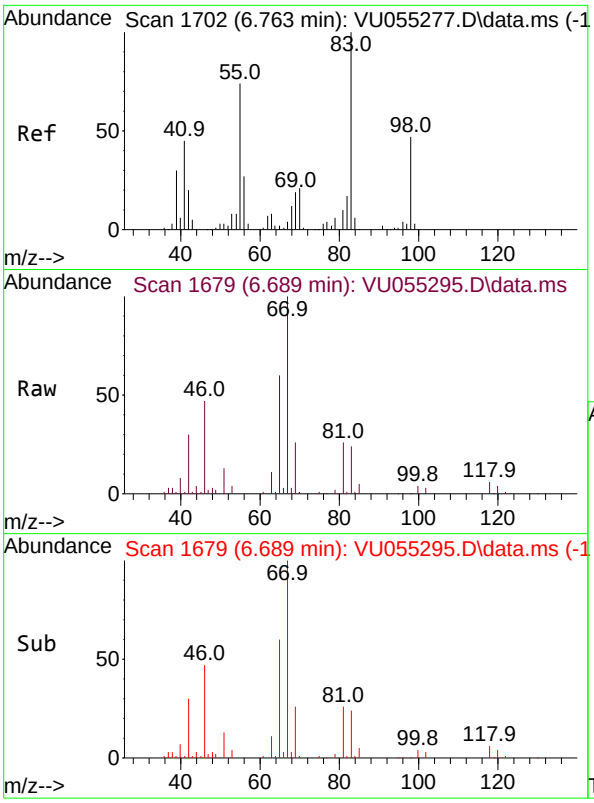


#34
Trichloroethene
Concen: 3.895 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055295.D
Acq: 13 Sep 2023 19:32

Tgt Ion: 95 Resp: 43372

Ion	Ratio	Lower	Upper
95	100		
97	67.9	44.7	83.1
132	96.5	66.6	123.6
130	97.3	66.5	123.5



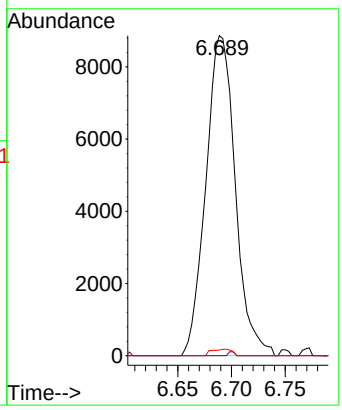


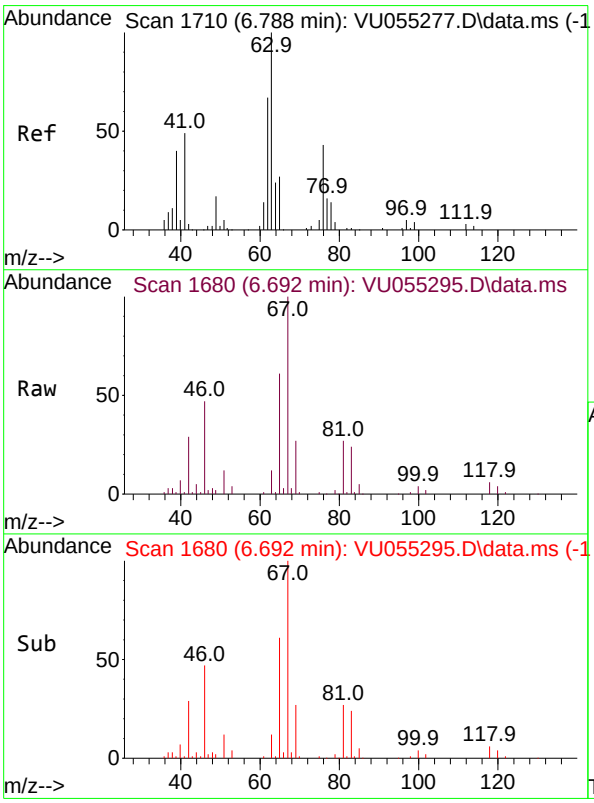
#35
Methylcyclohexane
Concen: 1.082 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU055295.D
Acq: 13 Sep 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 16902

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.4	90.6#
98	1.4	35.3	52.9#

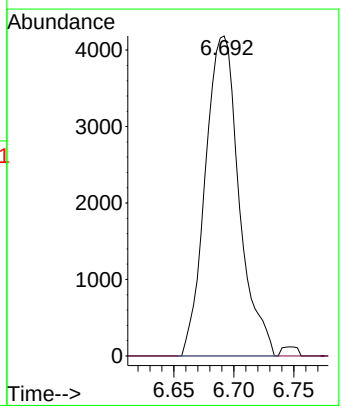


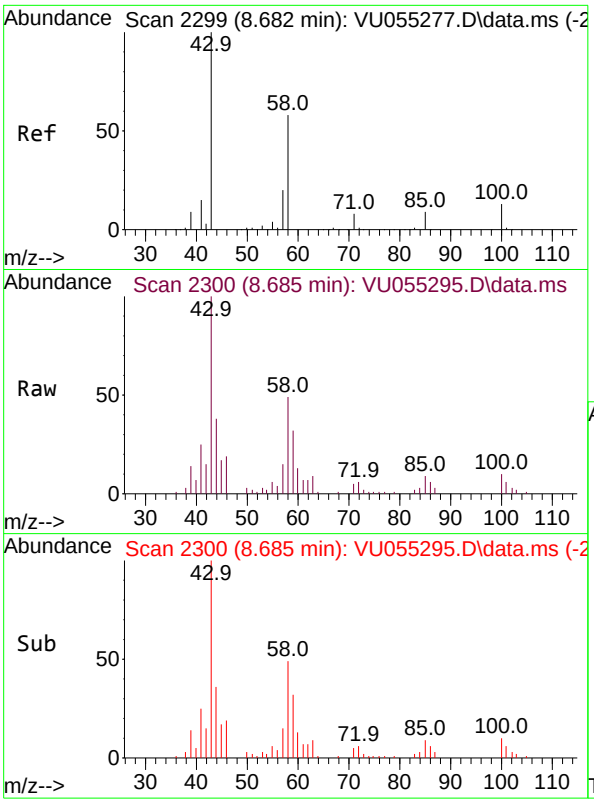


#37
1,2-Dichloropropane
Concen: 0.751 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.096 min
Lab File: VU055295.D
Acq: 13 Sep 2023 19:32

Tgt Ion: 63 Resp: 8197

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



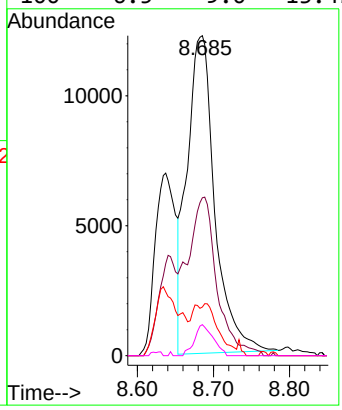


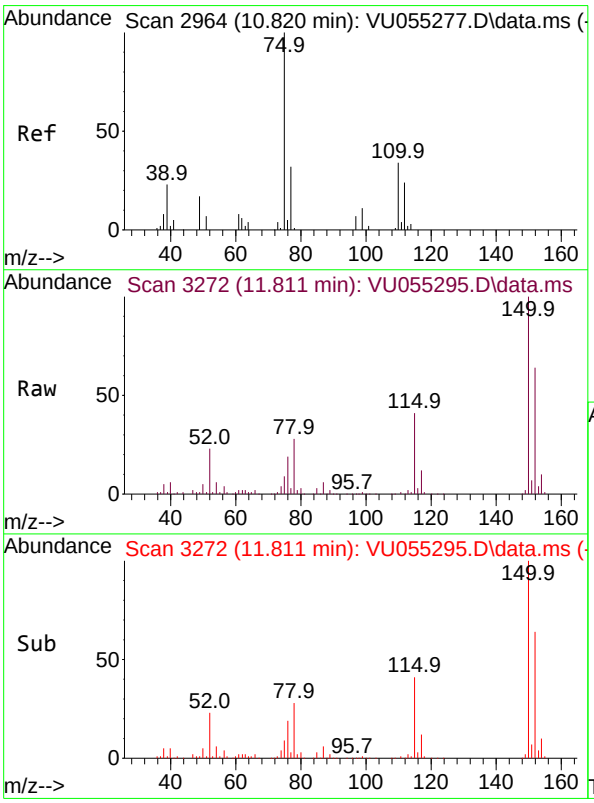
#48
2-Hexanone
Concen: 6.368 ug/L
RT: 8.685 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055295.D
Acq: 13 Sep 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 31038

Ion	Ratio	Lower	Upper
43	100		
58	52.6	44.0	66.0
57	1.4	16.2	24.2#
100	6.5	9.0	13.4#





#61
1,2,3-Trichloropropane
Concen: 1.964 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055295.D
Acq: 13 Sep 2023 19:32

Tgt Ion: 75 Resp: 11874

Ion	Ratio	Lower	Upper
75	100		
110	0.4	28.2	42.2#
77	33.7	26.2	39.4