Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
Data File : VU055166.D
Acq On : 07 Sep 2023 02:11
Operator : MD/SY
Sample : 04286-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 07 02:29:11 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	164391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	168303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	87288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30662	3.980	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.600%			
7) Chloroethane-d5	1.907	69	39152	4.390	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.800%			
11) 1,1-Dichloroethene-d2	2.560	65	19115	4.354	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.000%			
20) 2-Butanone-d5	4.624	46	119339	53.375	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.760%			
24) Chloroform-d	5.058	84	95911	4.691	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
26) 1,2-Dichloroethane-d4	5.698	65	49060	4.796	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	5.724	84	185466	4.464	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.688	67	62693	4.745	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.800%			
41) Toluene-d8	7.897	98	159860	4.177	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
43) trans-1,3-Dichloroprop...	8.180	79	15254	4.192	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.800%			
46) 2-Hexanone-d5	8.634	63	68928	46.658	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.320%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	47534	5.115	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.400%			
66) 1,2-Dichlorobenzene-d4	12.193	152	58702	4.607	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	1381	0.135	ug/L #	81
12) 1,1-Dichloroethene	2.566	96	962	0.127	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	18676	1.979	ug/L	96
34) Trichloroethene	6.537	95	273365	27.460	ug/L	96
35) Methylcyclohexane	6.685	83	13642	0.977	ug/L #	27
37) 1,2-Dichloropropane	6.688	63	6980	0.716	ug/L #	88
48) 2-Hexanone	8.685	43	18133	4.162	ug/L #	85
61) 1,2,3-Trichloropropane	11.810	75	11454	1.977	ug/L #	70

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
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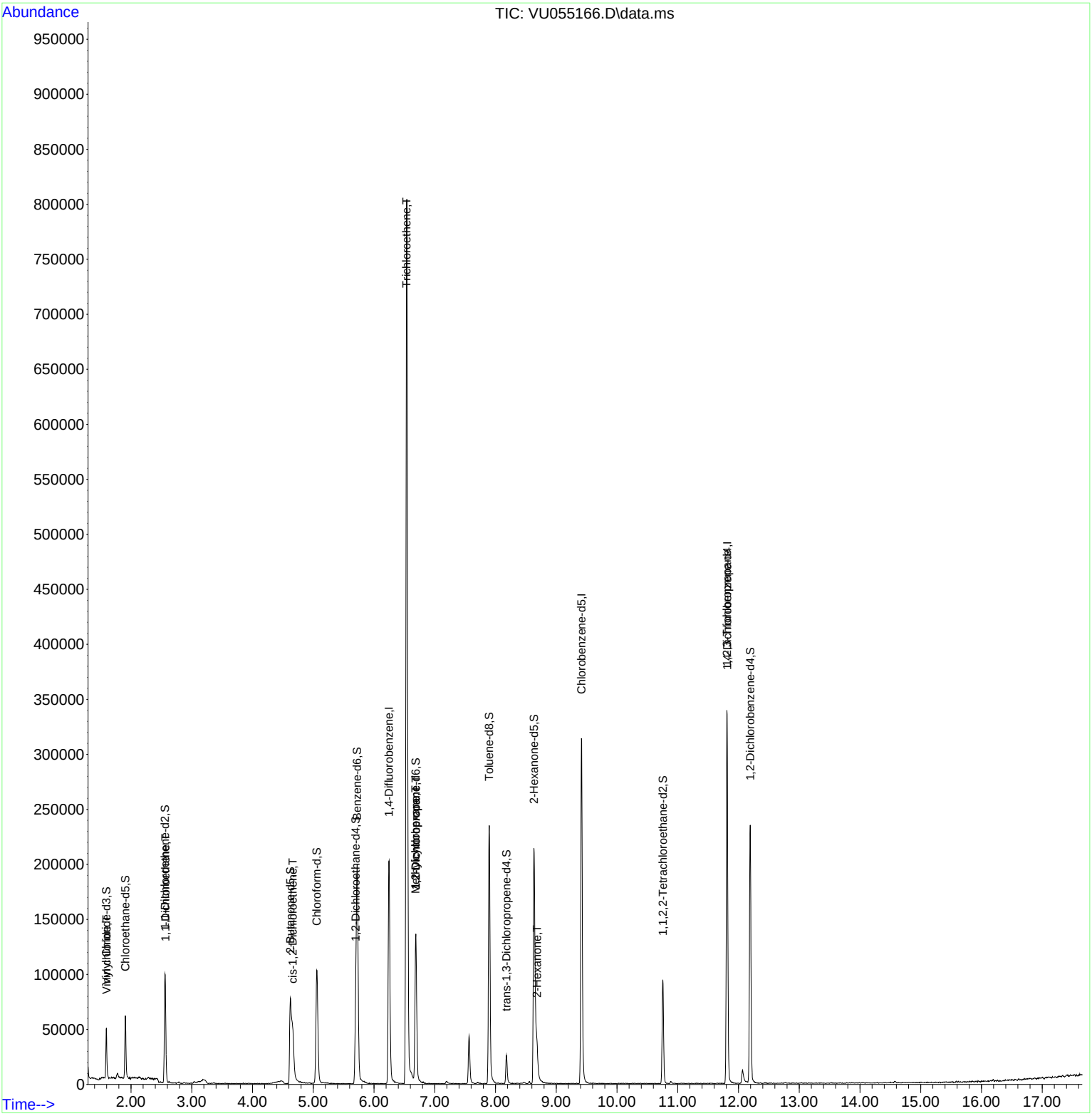
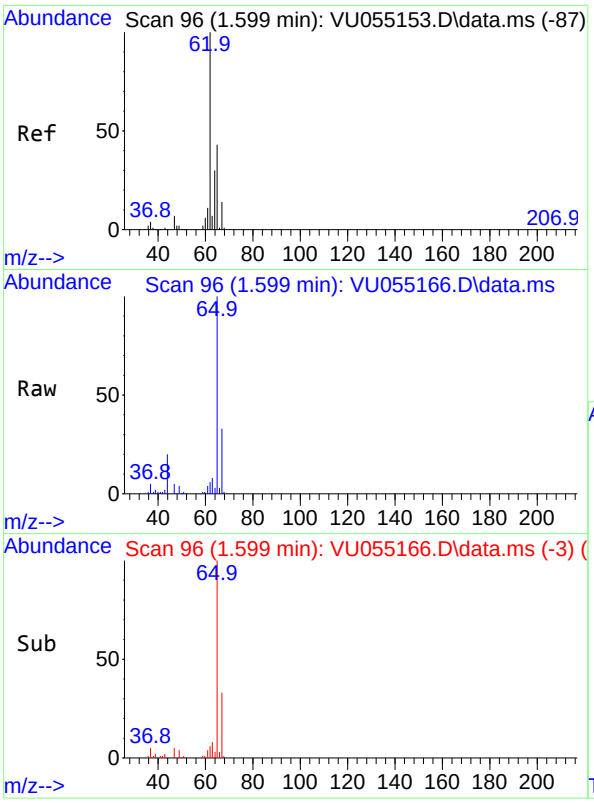


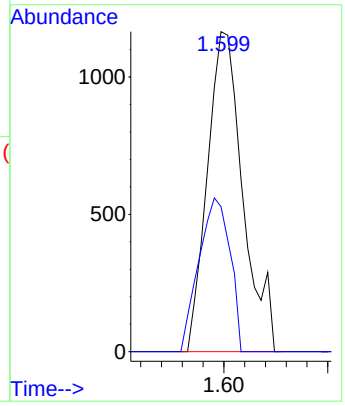


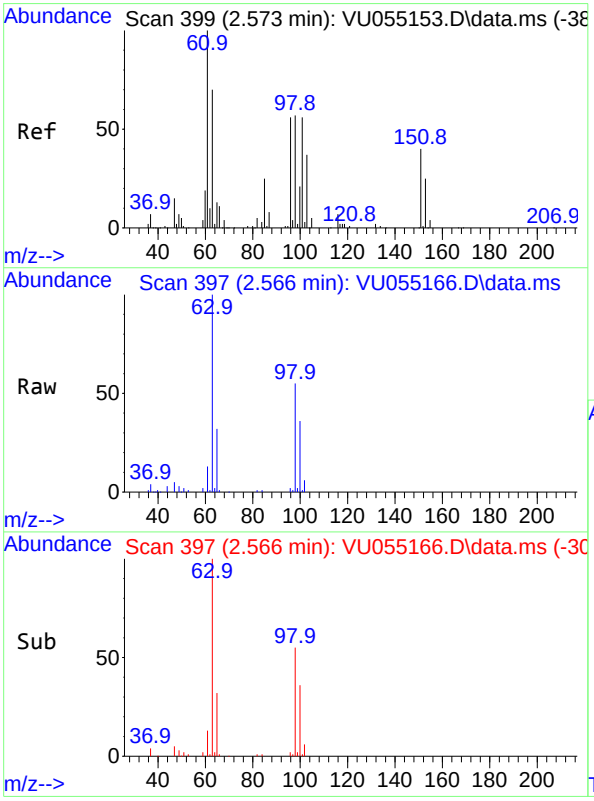
#5
Vinyl chloride
Concen: 0.135 ug/L
RT: 1.599 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU055166.D
Acq: 07 Sep 2023 02:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1381

Ion	Ratio	Lower	Upper
62	100		
64	45.3	24.2	45.0#

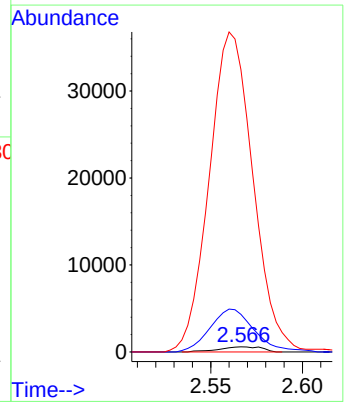


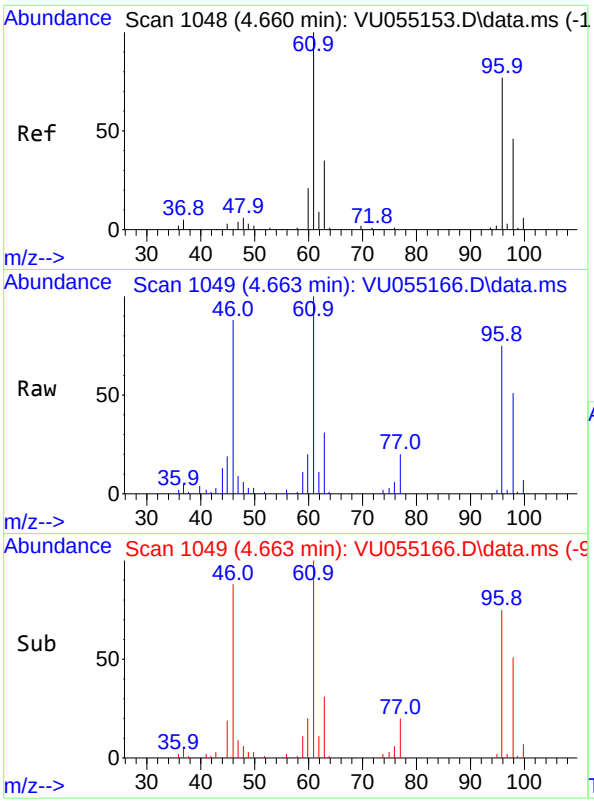


#12
1,1-Dichloroethene
Concen: 0.127 ug/L
RT: 2.566 min Scan# 397
Delta R.T. -0.006 min
Lab File: VU055166.D
Acq: 07 Sep 2023 02:11

Tgt Ion: 96 Resp: 962

Ion	Ratio	Lower	Upper
96	100		
61	729.3	120.8	224.4#
63	5466.7	94.5	175.5#



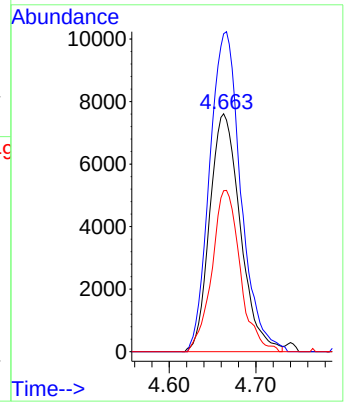


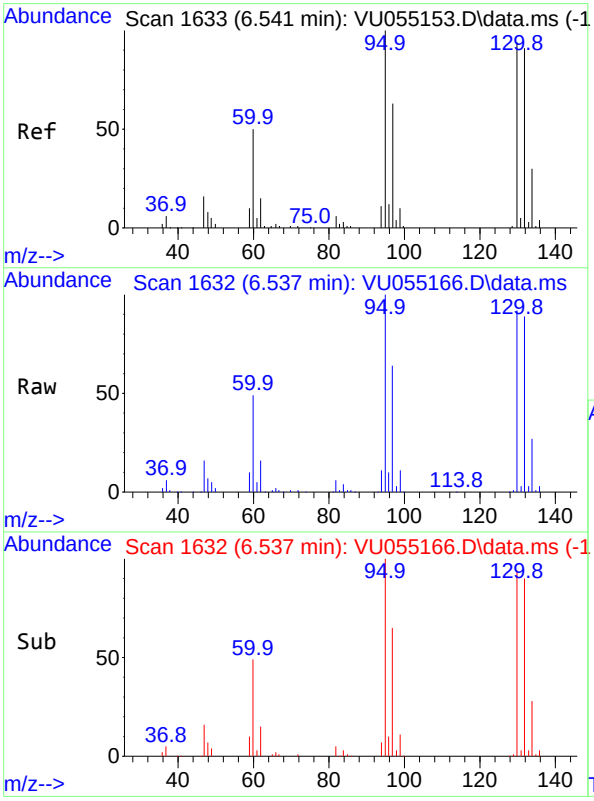
#22
cis-1,2-Dichloroethene
Concen: 1.979 ug/L
RT: 4.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055166.D
Acq: 07 Sep 2023 02:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 18676

Ion	Ratio	Lower	Upper
96	100		
61	133.6	97.2	180.4
98	69.0	46.1	85.7

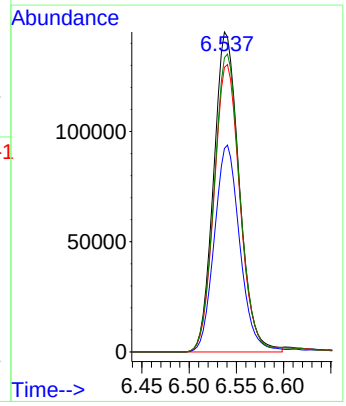


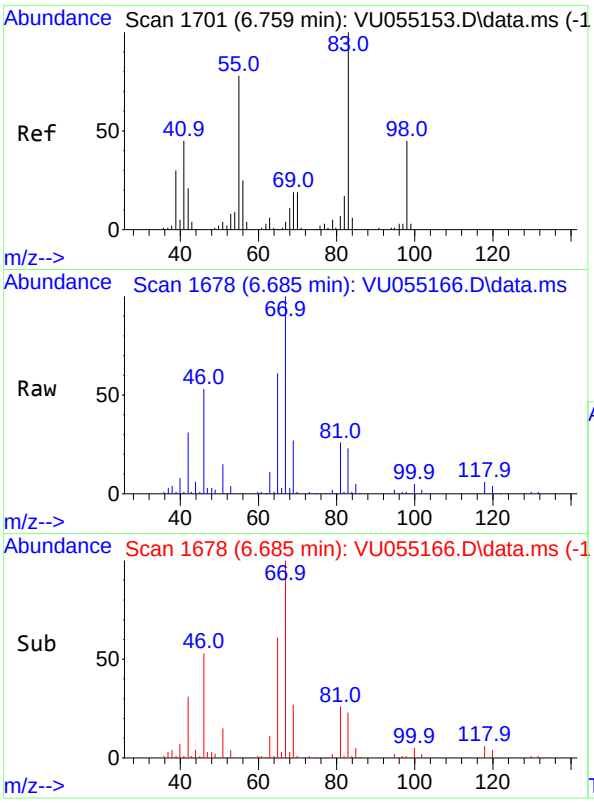


#34
Trichloroethene
Concen: 27.460 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU055166.D
Acq: 07 Sep 2023 02:11

Tgt Ion: 95 Resp: 273365

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.7	83.1
132	89.0	66.6	123.6
130	92.0	66.5	123.5



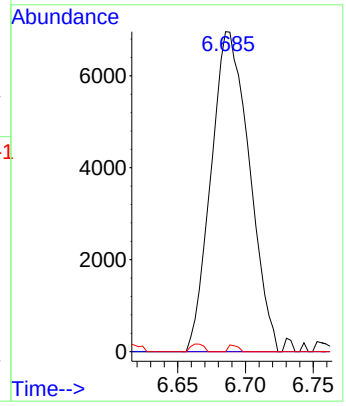


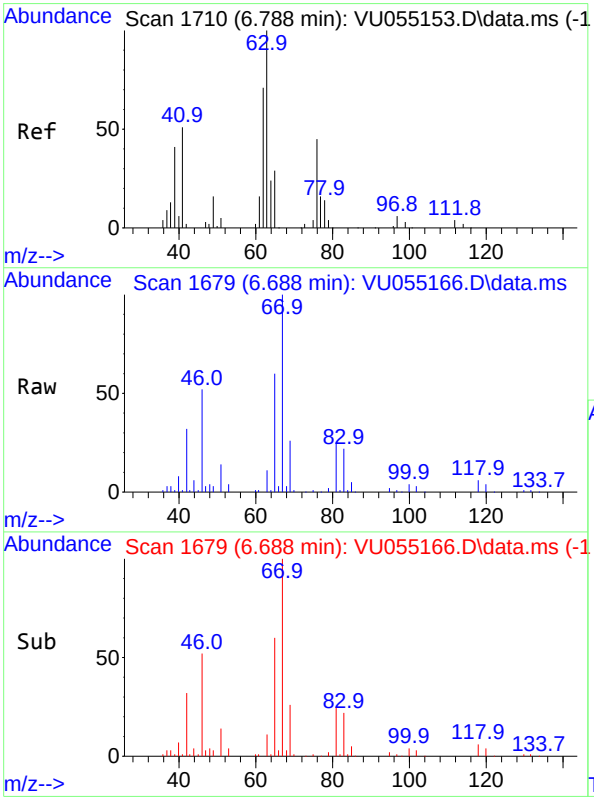
#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU055166.D
Acq: 07 Sep 2023 02:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 13642

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	13.2	35.3	52.9#

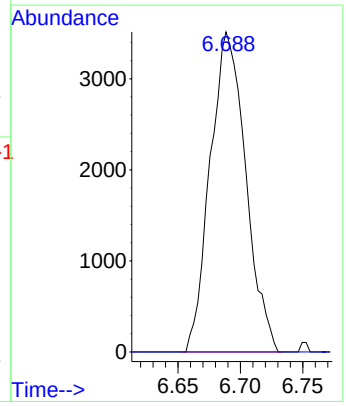


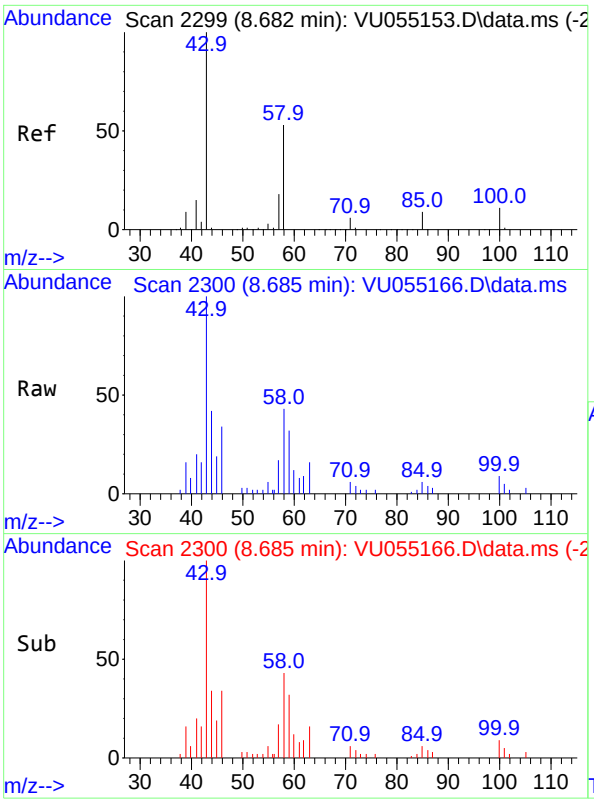


#37
1,2-Dichloropropane
Concen: 0.716 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055166.D
Acq: 07 Sep 2023 02:11

Tgt Ion: 63 Resp: 6980

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



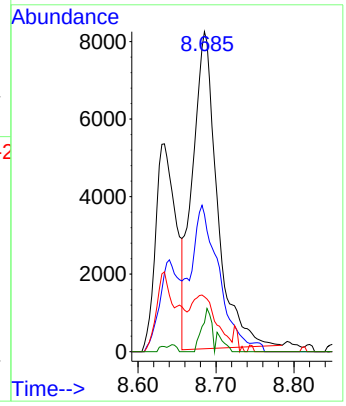


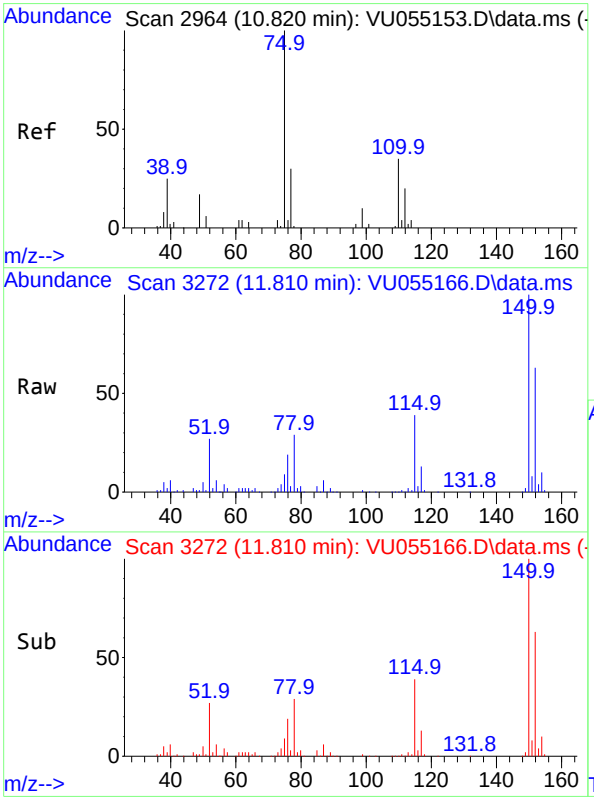
#48
2-Hexanone
Concen: 4.162 ug/L
RT: 8.685 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055166.D
Acq: 07 Sep 2023 02:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 18133

Ion	Ratio	Lower	Upper
43	100		
58	41.7	44.0	66.0#
57	18.2	16.2	24.2
100	5.3	9.0	13.4#





#61
1,2,3-Trichloropropane
Concen: 1.977 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055166.D
Acq: 07 Sep 2023 02:11

Tgt Ion: 75 Resp: 11454

Ion	Ratio	Lower	Upper
75	100		
110	2.6	28.2	42.2#
77	34.3	26.2	39.4