Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
Data File : VU057162.D
Acq On : 22 Dec 2023 02:53
Operator : MD/SY
Sample : 05912-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 22 07:02:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 01:33:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	159804	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	72335	4.736	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.800%			
7) Chloroethane-d5	1.911	69	65091	5.177	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.600%			
11) 1,1-Dichloroethene-d2	2.563	65	31131	4.704	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.000%			
20) 2-Butanone-d5	4.628	46	129785	54.119	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.240%			
24) Chloroform-d	5.055	84	142072	4.817	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.695	65	71890	5.114	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.200%			
32) Benzene-d6	5.721	84	260923	4.887	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
36) 1,2-Dichloropropane-d6	6.685	67	75919	4.997	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.000%			
41) Toluene-d8	7.894	98	217044	4.452	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
43) trans-1,3-Dichloroprop...	8.174	79	27979	4.424	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.400%			
46) 2-Hexanone-d5	8.627	63	104441	48.498	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.000%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54089	5.003	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	76427	5.275	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	10687	0.765	ug/L	89
19) 1,1-Dichloroethane	3.872	63	5083	0.220	ug/L #	76
22) cis-1,2-Dichloroethene	4.660	96	37983	2.960	ug/L	97
34) Trichloroethene	6.537	95	24759	1.716	ug/L	98
35) Methylcyclohexane	6.682	83	19929	1.049	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8583	0.699	ug/L #	89
48) 2-Hexanone	8.631	43	14163	3.607	ug/L #	73
51) Chlorobenzene	9.444	112	6984	0.205	ug/L #	91
61) 1,2,3-Trichloropropane	11.807	75	8273	1.319	ug/L #	67

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

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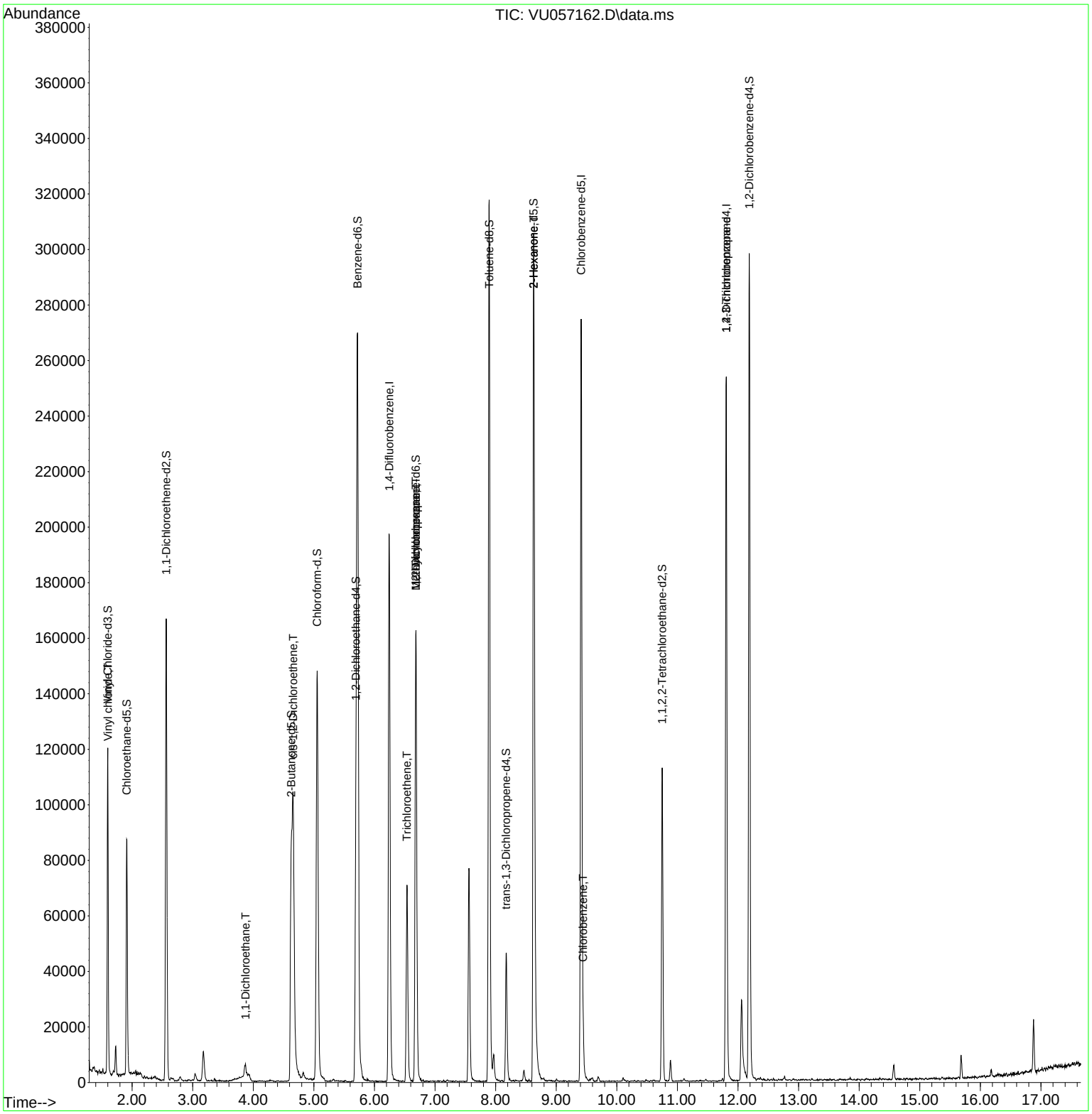
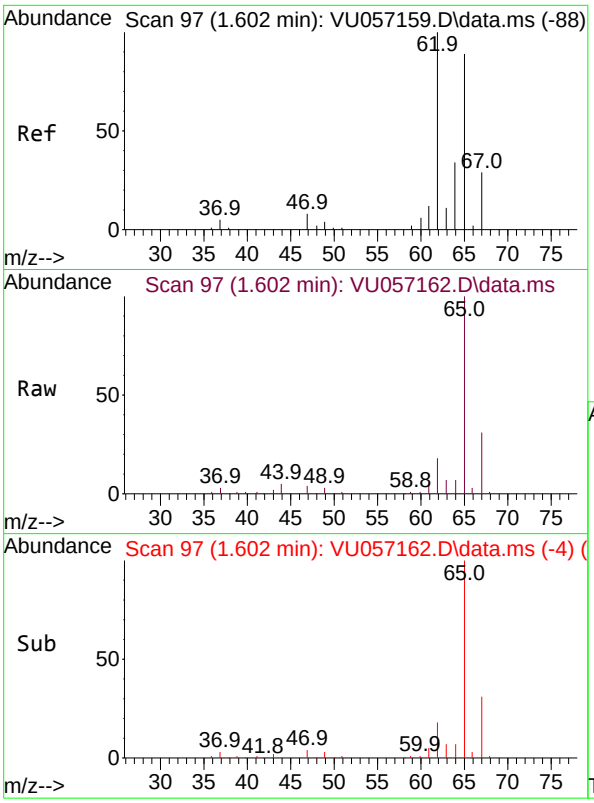
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 01:33:10 2023
Response via : Initial Calibration



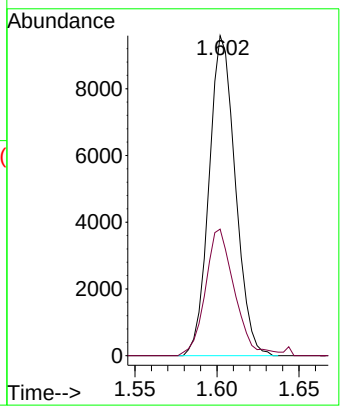


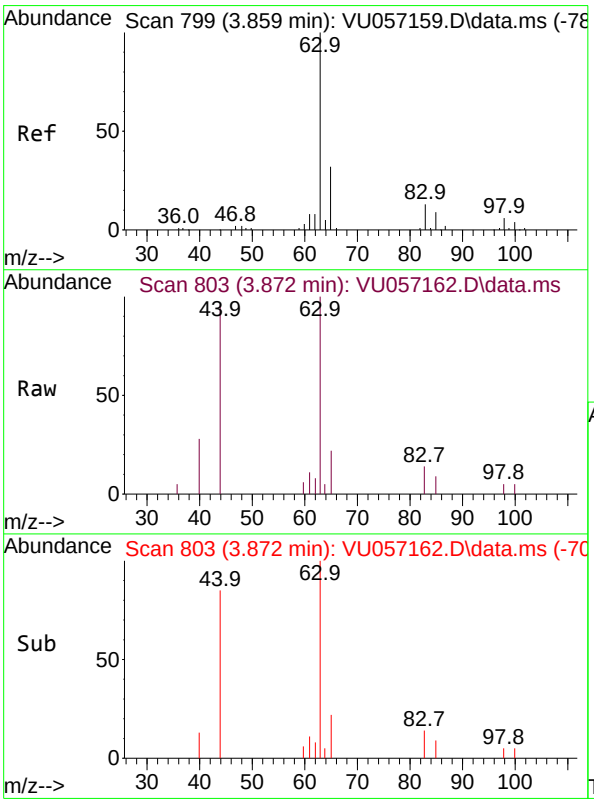
#5
Vinyl chloride
Concen: 0.765 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU057162.D
Acq: 22 Dec 2023 02:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 10687

Ion	Ratio	Lower	Upper
62	100		
64	39.6	23.3	43.3

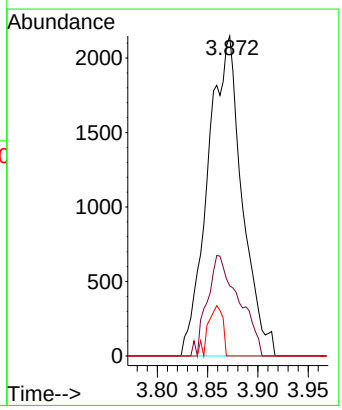


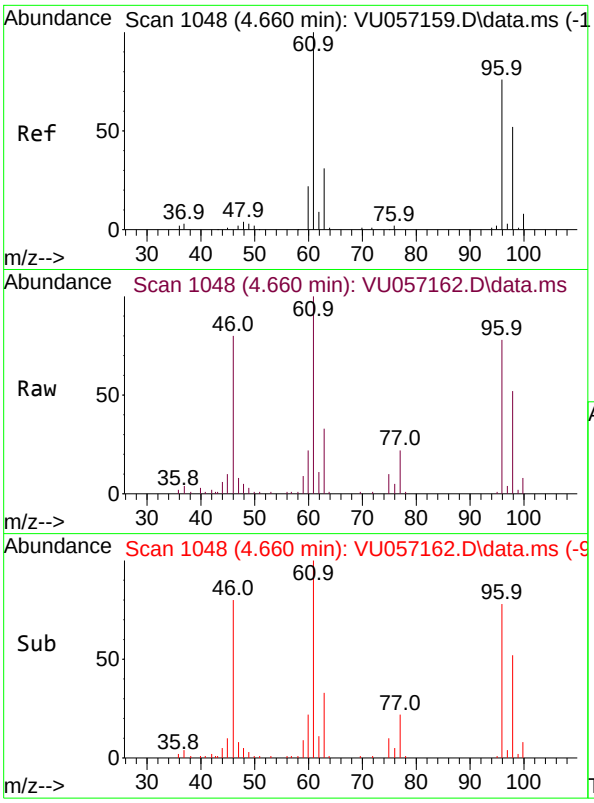


#19
1,1-Dichloroethane
Concen: 0.220 ug/L
RT: 3.872 min Scan# 803
Delta R.T. 0.013 min
Lab File: VU057162.D
Acq: 22 Dec 2023 02:53

Tgt Ion: 63 Resp: 5083

Ion	Ratio	Lower	Upper
63	100		
65	20.9	21.6	40.2#
83	0.0	10.2	19.0#



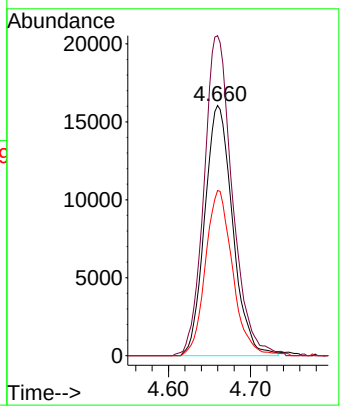


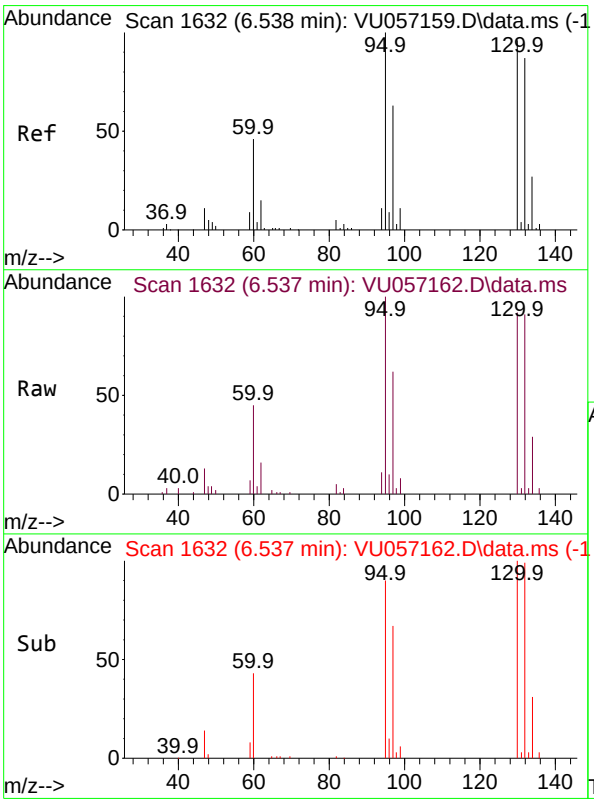
#22
cis-1,2-Dichloroethene
Concen: 2.960 ug/L
RT: 4.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057162.D
Acq: 22 Dec 2023 02:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 37983

Ion	Ratio	Lower	Upper
96	100		
61	127.9	86.8	161.2
98	66.0	45.5	84.5

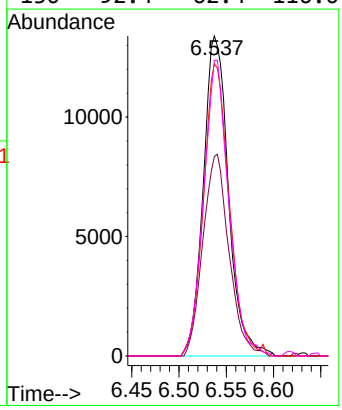


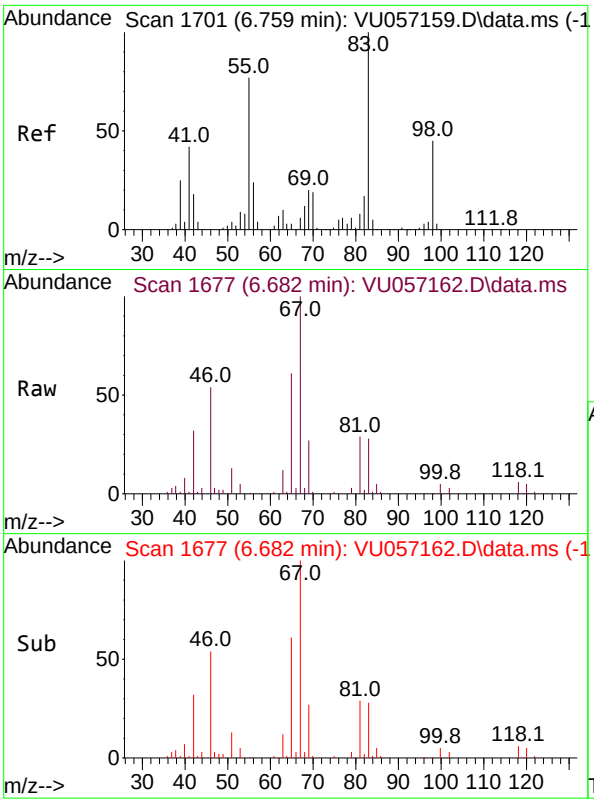


#34
Trichloroethene
Concen: 1.716 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057162.D
Acq: 22 Dec 2023 02:53

Tgt Ion: 95 Resp: 24759

Ion	Ratio	Lower	Upper
95	100		
97	62.3	44.3	82.3
132	91.3	62.6	116.2
130	92.4	62.4	116.0



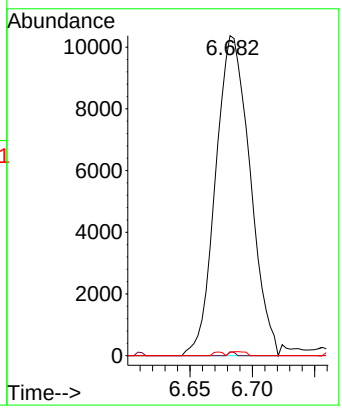


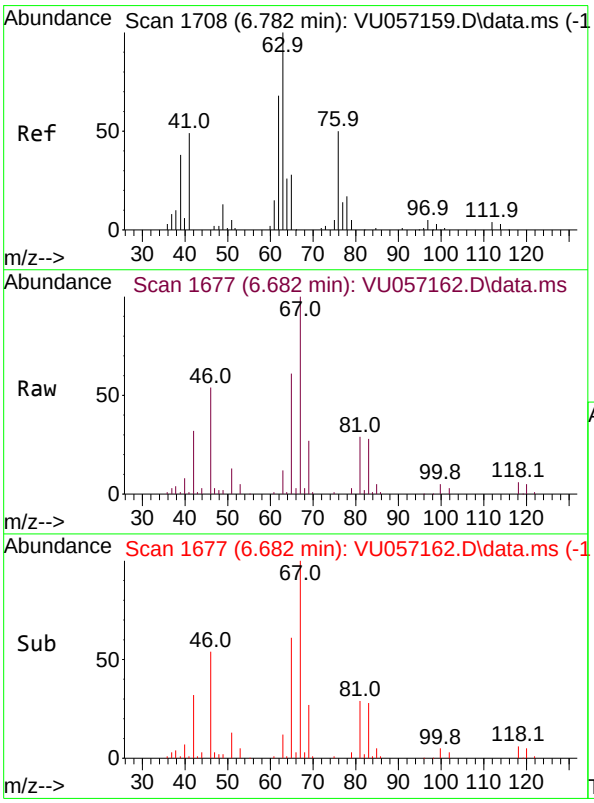
#35
Methylcyclohexane
Concen: 1.049 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU057162.D
Acq: 22 Dec 2023 02:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 19929

Ion	Ratio	Lower	Upper
83	100		
55	0.2	61.3	91.9#
98	0.6	36.6	55.0#

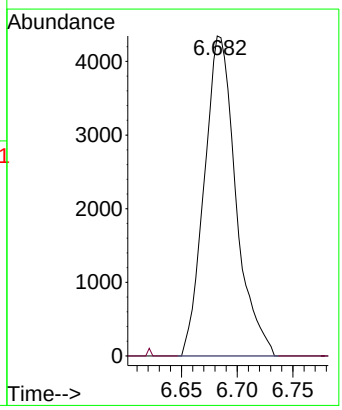


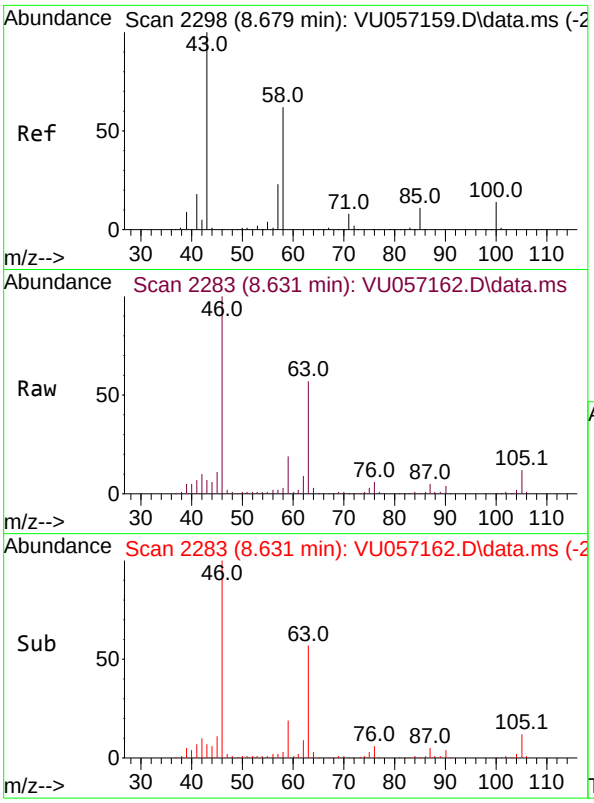


#37
1,2-Dichloropropane
Concen: 0.699 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057162.D
Acq: 22 Dec 2023 02:53

Tgt Ion: 63 Resp: 8583

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.1	4.7#



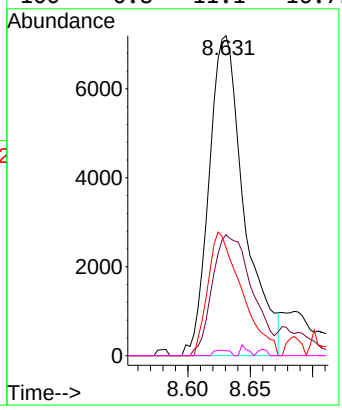


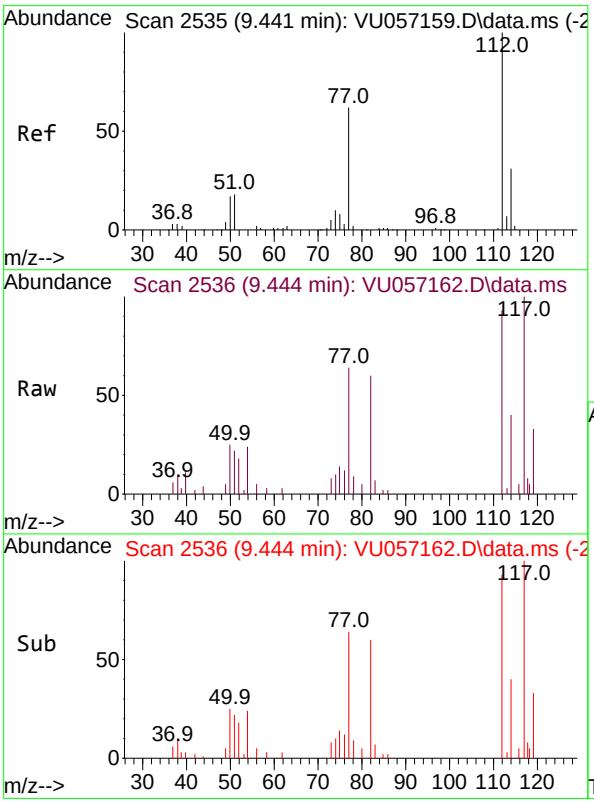
#48
2-Hexanone
Concen: 3.607 ug/L
RT: 8.631 min Scan# 2
Delta R.T. -0.048 min
Lab File: VU057162.D
Acq: 22 Dec 2023 02:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 14163

Ion	Ratio	Lower	Upper
43	100		
58	42.7	49.8	74.8#
57	37.1	18.5	27.7#
100	0.8	11.1	16.7#

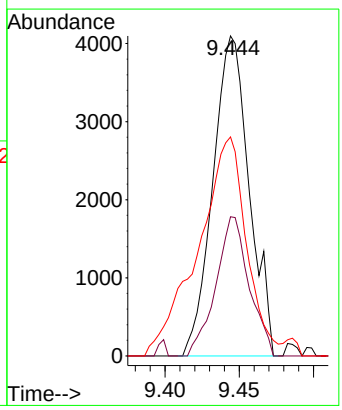


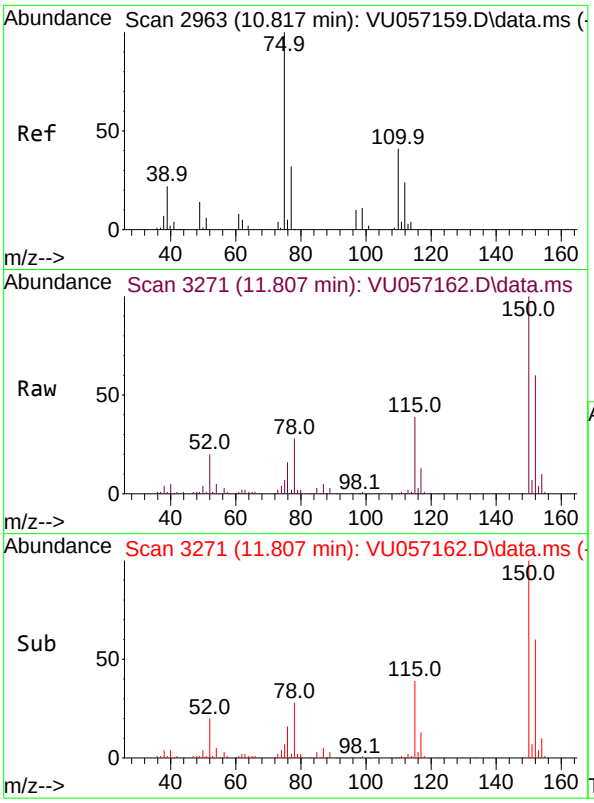


#51
Chlorobenzene
Concen: 0.205 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057162.D
Acq: 22 Dec 2023 02:53

Tgt Ion:112 Resp: 6984

Ion	Ratio	Lower	Upper
112	100		
114	43.5	22.7	42.1#
77	68.5	52.2	78.2





#61
1,2,3-Trichloropropane
Concen: 1.319 ug/L
RT: 11.807 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU057162.D
Acq: 22 Dec 2023 02:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8273

Ion	Ratio	Lower	Upper
75	100		
110	2.8	31.2	46.8#
77	32.2	25.5	38.3