Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062883.D
Acq On : 17 Jan 2025 19:53
Operator : MD/SY
Sample : Q1086-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 17 22:02:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 21:53:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	80127	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	76691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16029	3.612	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.200%			
7) Chloroethane-d5	1.901	69	15330	4.294	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.800%			
11) 1,1-Dichloroethene-d2	2.554	65	9389	4.084	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.600%			
20) 2-Butanone-d5	4.608	46	48899	53.913	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.820%			
24) Chloroform-d	5.046	84	50100	4.589	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
26) 1,2-Dichloroethane-d4	5.689	65	30556	5.160	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.200%			
32) Benzene-d6	5.714	84	82836	4.419	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
36) 1,2-Dichloropropane-d6	6.679	67	23382	4.499	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.000%			
41) Toluene-d8	7.888	98	76365	4.181	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
43) trans-1,3-Dichloroprop...	8.171	79	11703	4.517	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.400%			
46) 2-Hexanone-d5	8.621	63	38589	47.356	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.720%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22294	5.122	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.400%			
66) 1,2-Dichlorobenzene-d4	12.184	152	29492	5.059	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.200%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	770	0.150	ug/L	98
12) 1,1-Dichloroethene	2.567	96	8358	1.680	ug/L #	37
19) 1,1-Dichloroethane	3.853	63	52495	5.510	ug/L	96
29) 1,1,1-Trichloroethane	5.300	97	317361	27.281	ug/L	99
31) Carbon tetrachloride	5.303	117	36809	3.443	ug/L	100
35) Methylcyclohexane	6.679	83	6614	0.714	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3426	0.659	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3530	1.136	ug/L #	63

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

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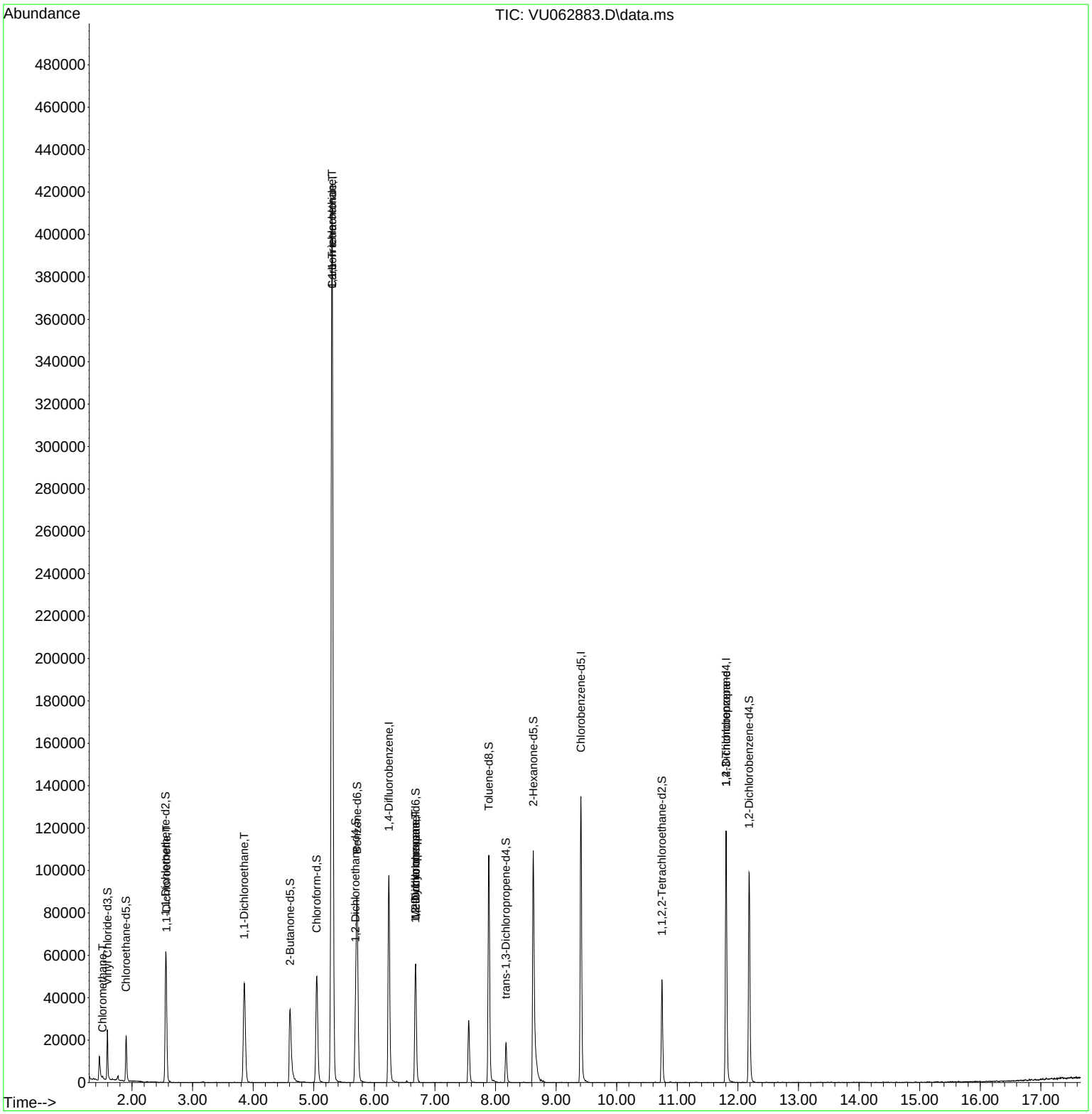
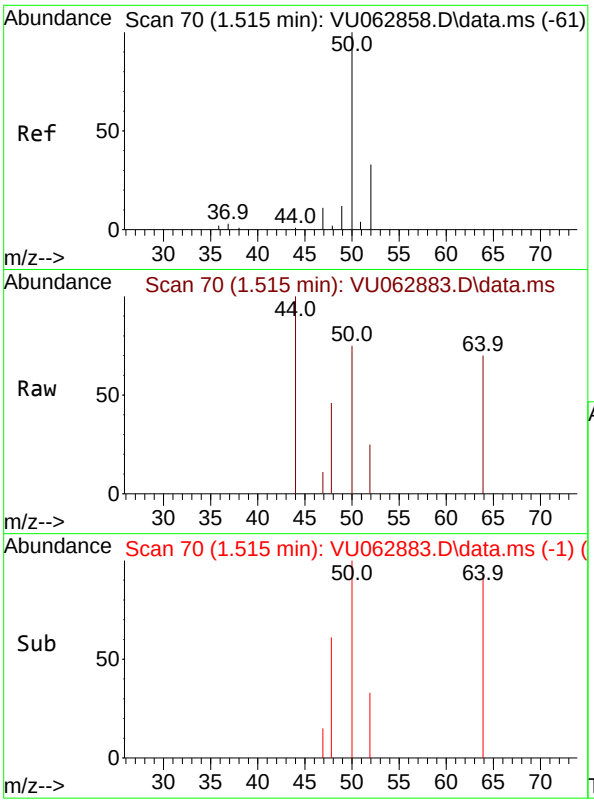


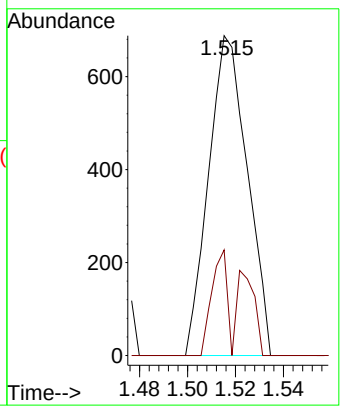


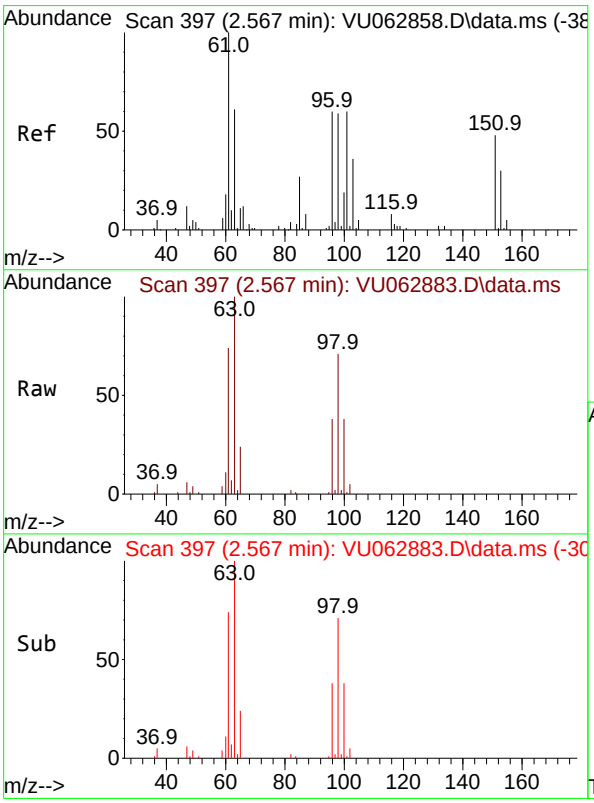
#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.515 min Scan# 7
Delta R.T. 0.000 min
Lab File: VU062883.D
Acq: 17 Jan 2025 19:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 770

Ion	Ratio	Lower	Upper
50	100		
52	33.0	24.1	44.7

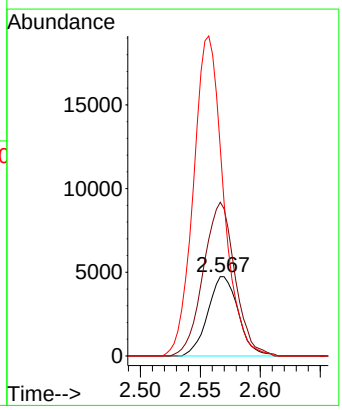


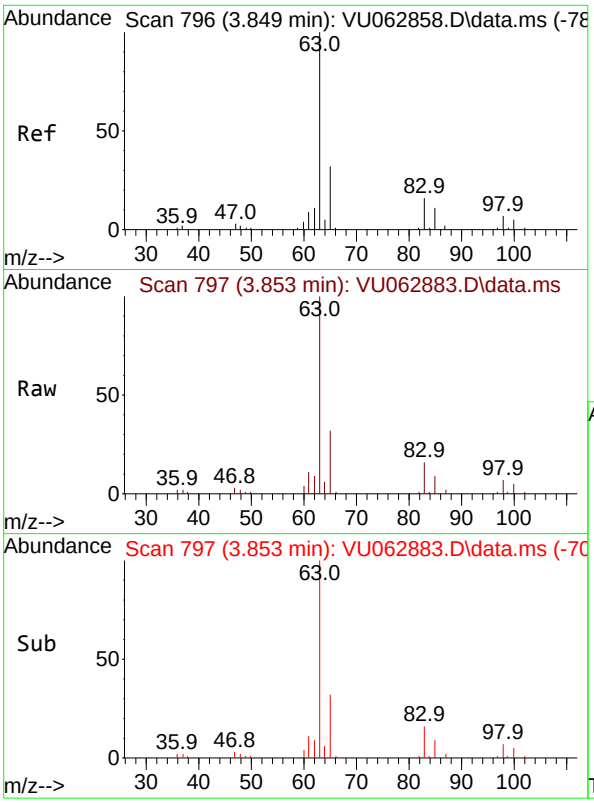


#12
1,1-Dichloroethene
Concen: 1.680 ug/L
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU062883.D
Acq: 17 Jan 2025 19:53

Tgt Ion: 96 Resp: 8358

Ion	Ratio	Lower	Upper
96	100		
61	193.8	120.4	223.6
63	262.3	82.3	152.9#



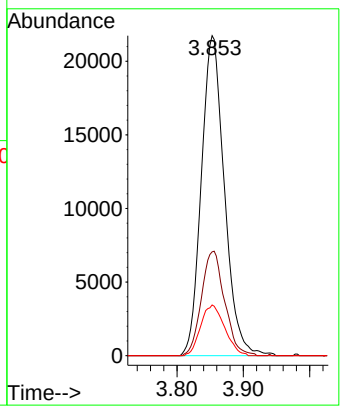


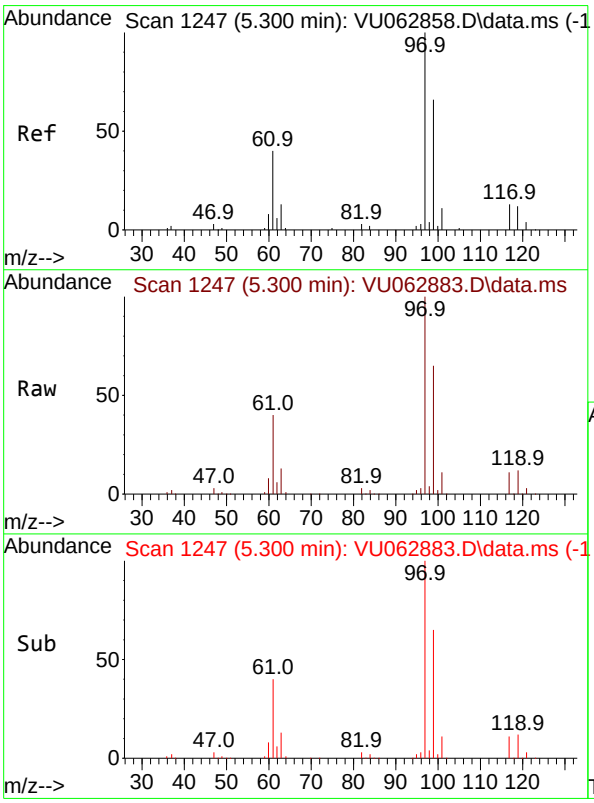
#19
1,1-Dichloroethane
Concen: 5.510 ug/L
RT: 3.853 min Scan# 7
Delta R.T. 0.003 min
Lab File: VU062883.D
Acq: 17 Jan 2025 19:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 52495

Ion	Ratio	Lower	Upper
63	100		
65	32.5	20.7	38.5
83	15.8	10.5	19.5

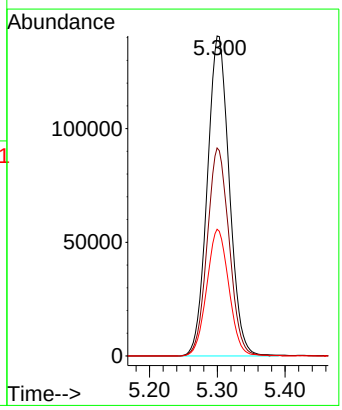


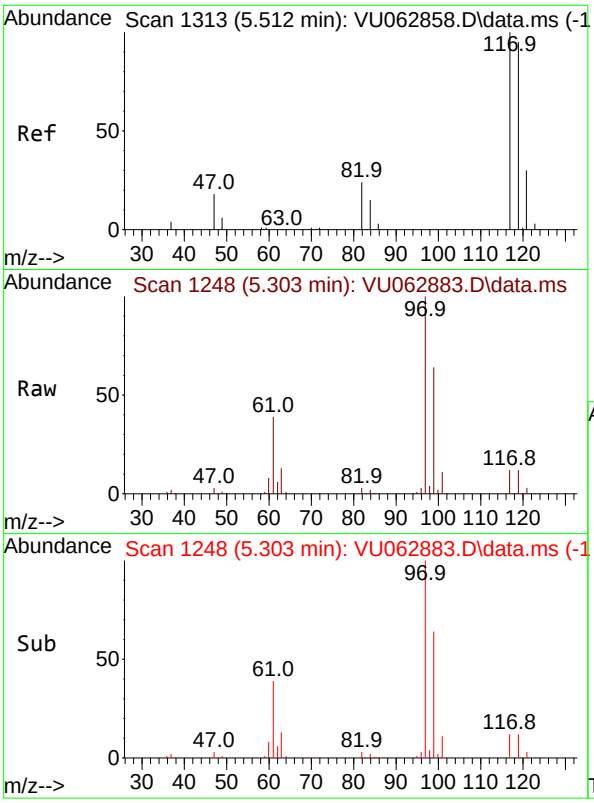


#29
1,1,1-Trichloroethane
Concen: 27.281 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VU062883.D
Acq: 17 Jan 2025 19:53

Tgt Ion: 97 Resp: 317361

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.4	78.6
61	39.8	32.2	48.4



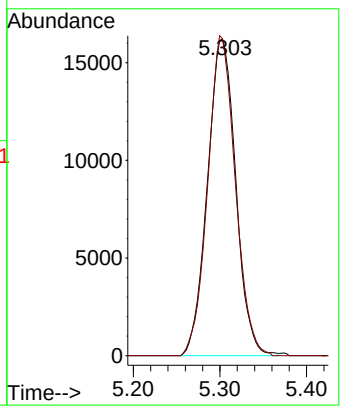


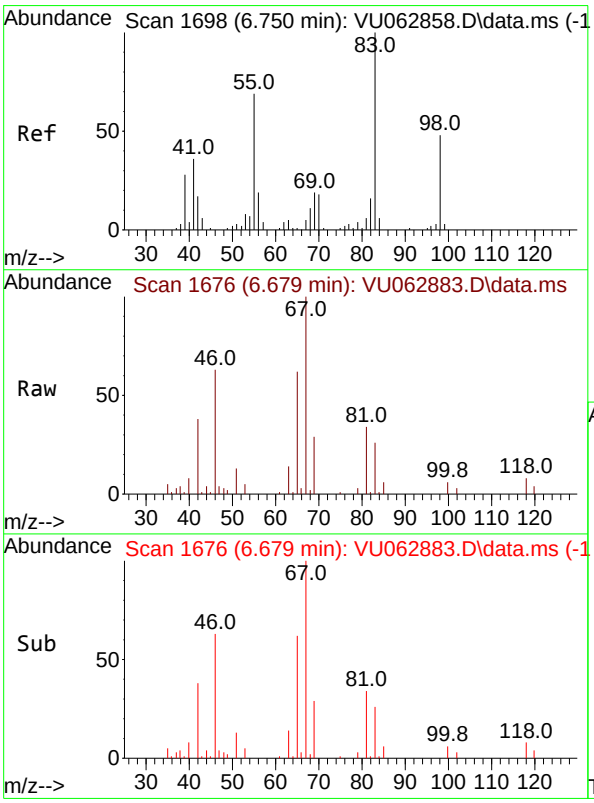
#31
Carbon tetrachloride
Concen: 3.443 ug/L
RT: 5.303 min Scan# 1
Delta R.T. -0.209 min
Lab File: VU062883.D
Acq: 17 Jan 2025 19:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 36809

Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.6	118.0

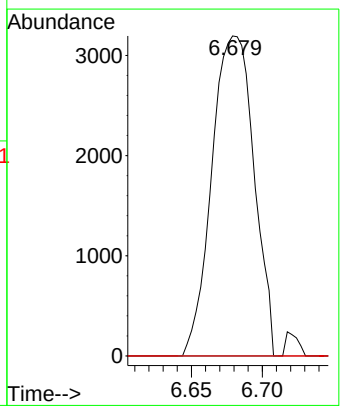


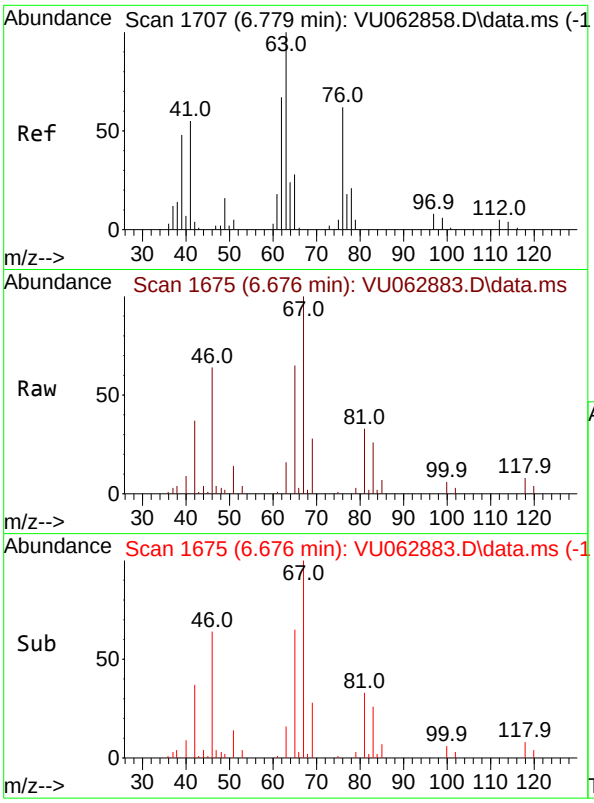


#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062883.D
Acq: 17 Jan 2025 19:53

Tgt Ion: 83 Resp: 6614

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	0.0	36.6	55.0#



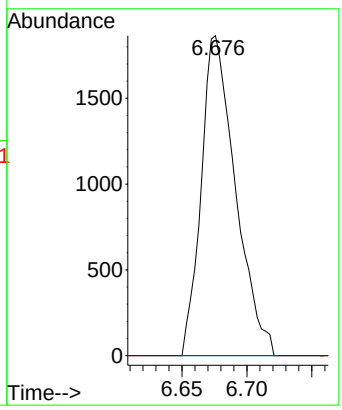


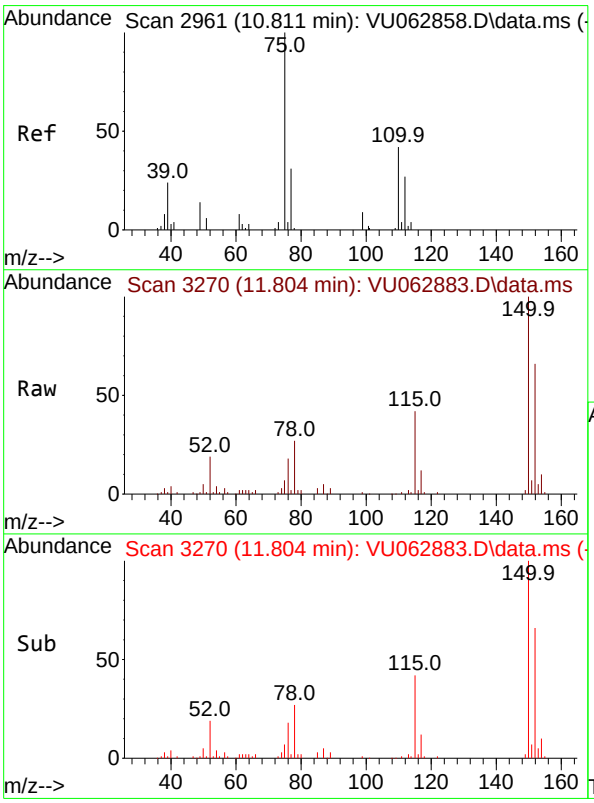
#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062883.D
Acq: 17 Jan 2025 19:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3426

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#61
1,2,3-Trichloropropane
Concen: 1.136 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.994 min
Lab File: VU062883.D
Acq: 17 Jan 2025 19:53

Tgt Ion: 75 Resp: 3530

Ion	Ratio	Lower	Upper
75	100		
110	1.2	33.2	49.8#
77	31.5	25.9	38.9