Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062798.D
Acq On : 16 Jan 2025 04:55
Operator : MD/SY
Sample : Q1086-01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 16 05:14:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 01:55:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92923	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86682	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	14317	2.782	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 55.600%			
7) Chloroethane-d5	1.904	69	14743	3.561	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.200%			
11) 1,1-Dichloroethene-d2	2.557	65	8482	3.181	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.600%			
20) 2-Butanone-d5	4.605	46	58689	55.797	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.600%			
24) Chloroform-d	5.049	84	56283	4.445	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
26) 1,2-Dichloroethane-d4	5.689	65	33443	4.869	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.400%			
32) Benzene-d6	5.714	84	89595	4.228	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
36) 1,2-Dichloropropane-d6	6.679	67	27592	4.697	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%			
41) Toluene-d8	7.888	98	78681	3.811	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.200%			
43) trans-1,3-Dichloroprop...	8.171	79	13131	4.484	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.600%			
46) 2-Hexanone-d5	8.618	63	44949	48.803	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.600%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25728	5.229	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.600%			
66) 1,2-Dichlorobenzene-d4	12.184	152	32316	4.742	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.800%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	893	0.150	ug/L	85
12) 1,1-Dichloroethene	2.570	96	45989	7.973	ug/L #	83
19) 1,1-Dichloroethane	3.853	63	27826	2.518	ug/L	94
29) 1,1,1-Trichloroethane	5.300	97	697082	53.017	ug/L	98
31) Carbon tetrachloride	5.300	117	82238	6.806	ug/L	96
34) Trichloroethene	6.537	95	5293	0.622	ug/L	95
35) Methylcyclohexane	6.679	83	7943	0.759	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	3600	0.613	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	3589	0.988	ug/L #	52

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

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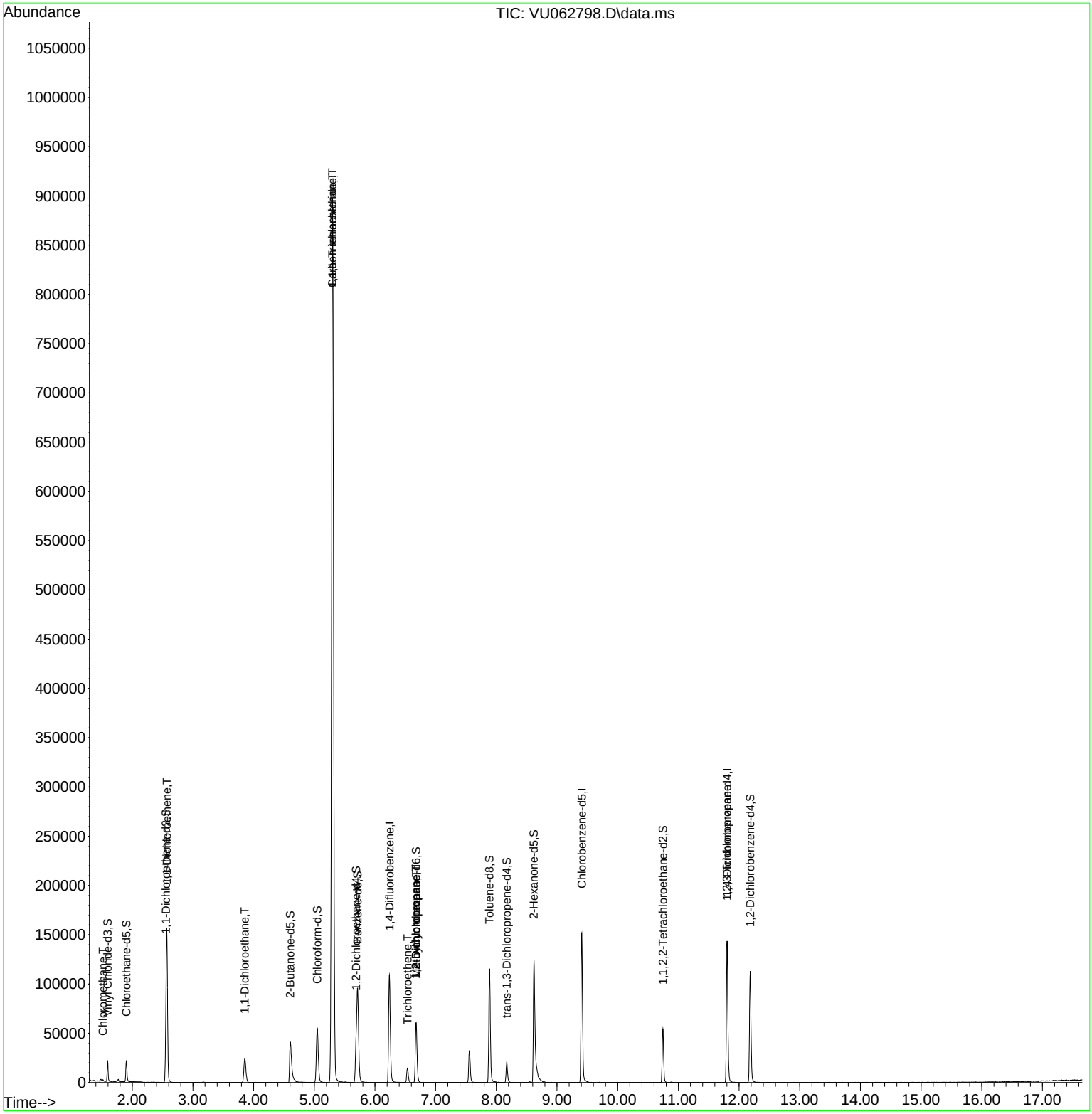
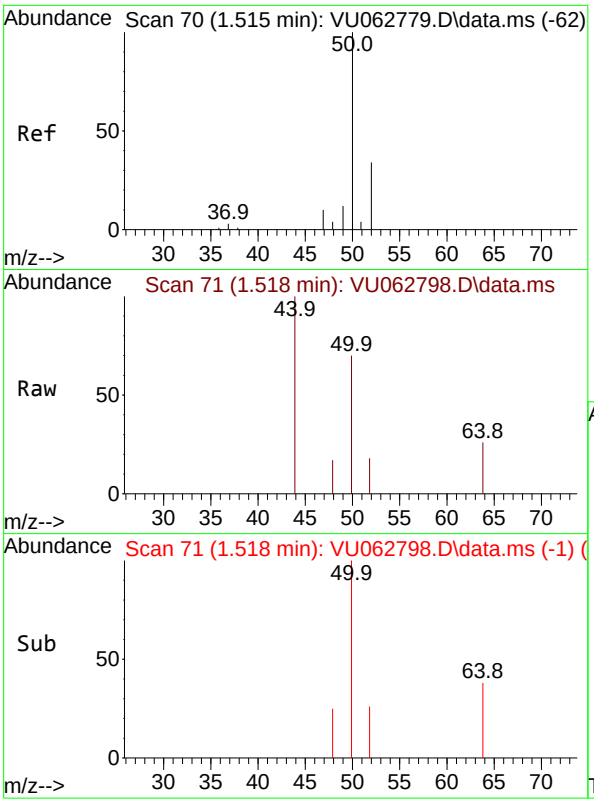


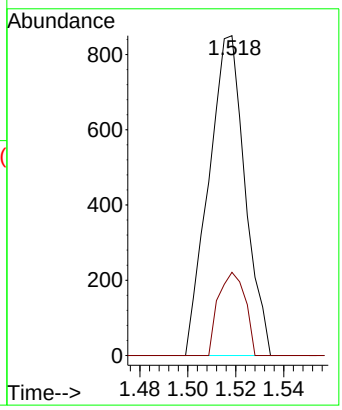


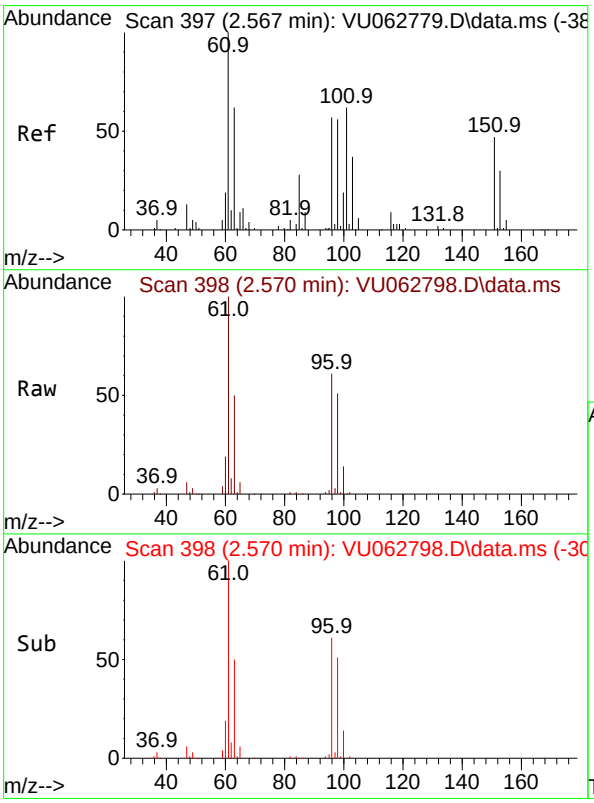
#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.518 min Scan# 7
Delta R.T. 0.003 min
Lab File: VU062798.D
Acq: 16 Jan 2025 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 893

Ion	Ratio	Lower	Upper
50	100		
52	26.0	24.1	44.7

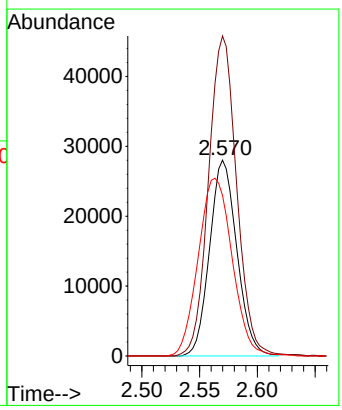


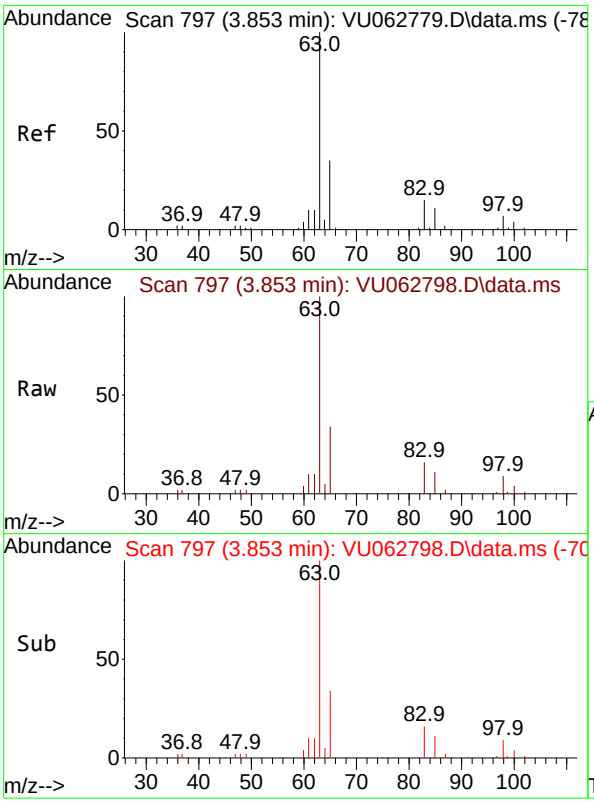


#12
1,1-Dichloroethene
Concen: 7.973 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062798.D
Acq: 16 Jan 2025 04:55

Tgt Ion: 96 Resp: 45989

Ion	Ratio	Lower	Upper
96	100		
61	163.4	120.4	223.6
63	82.0	82.3	152.9#



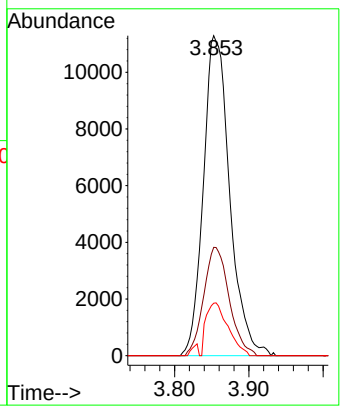


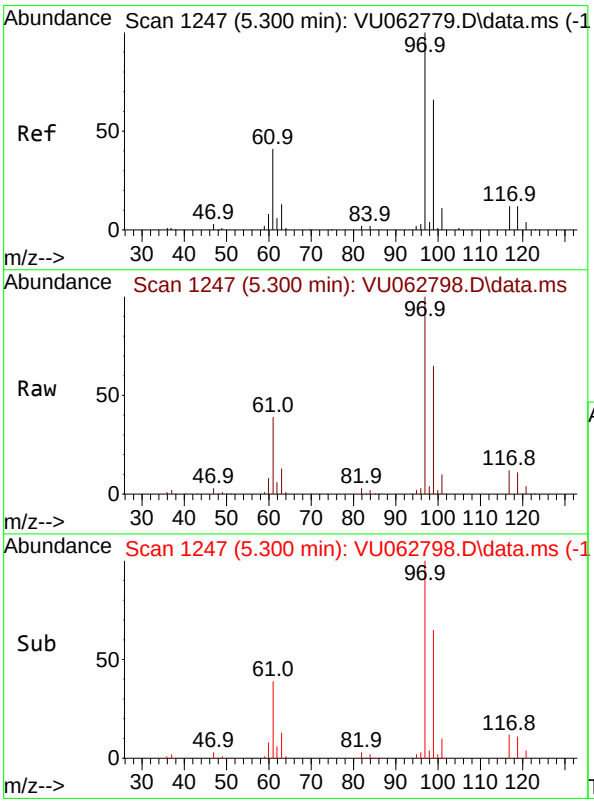
#19
1,1-Dichloroethane
Concen: 2.518 ug/L
RT: 3.853 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU062798.D
Acq: 16 Jan 2025 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 27826

Ion	Ratio	Lower	Upper
63	100		
65	33.9	20.7	38.5
83	16.4	10.5	19.5

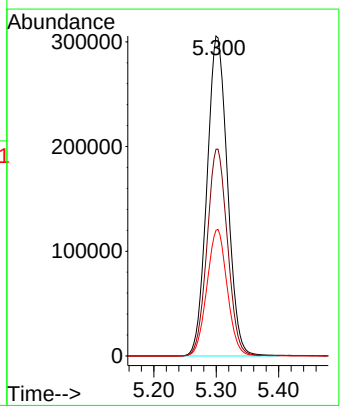


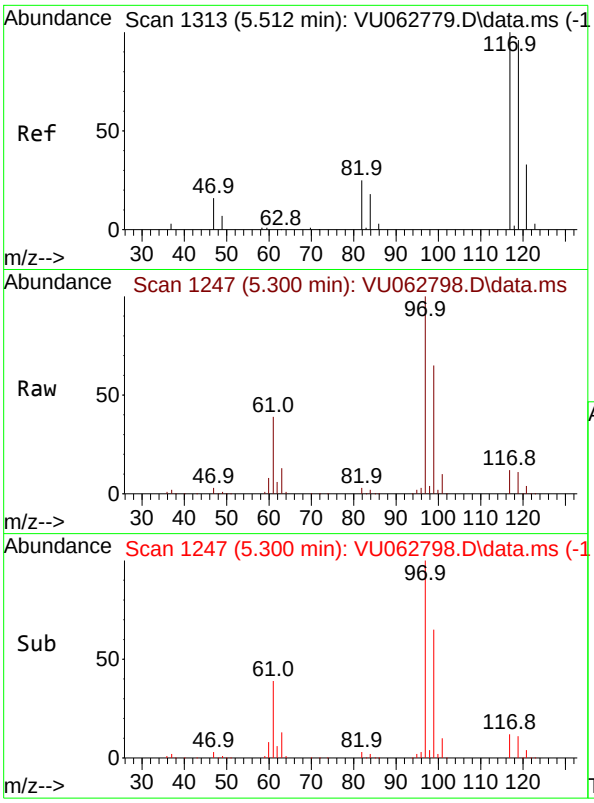


#29
1,1,1-Trichloroethane
Concen: 53.017 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VU062798.D
Acq: 16 Jan 2025 04:55

Tgt Ion: 97 Resp: 697082

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.4	78.6
61	39.1	32.2	48.4



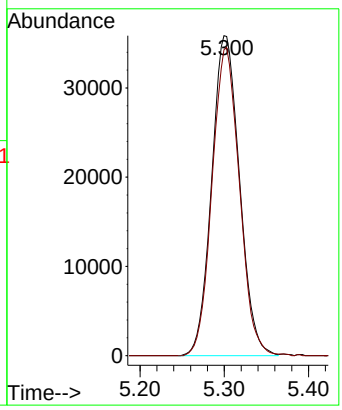


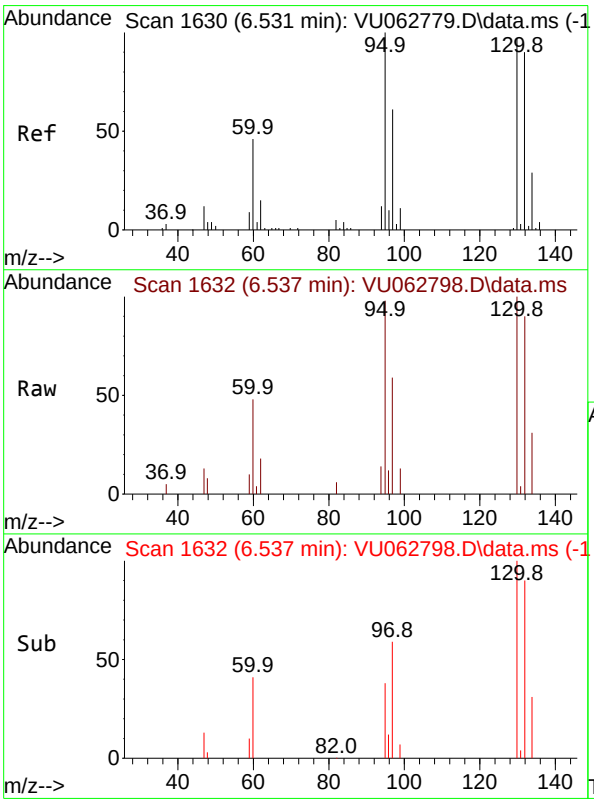
#31
Carbon tetrachloride
Concen: 6.806 ug/L
RT: 5.300 min Scan# 1
Delta R.T. -0.212 min
Lab File: VU062798.D
Acq: 16 Jan 2025 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 82238

Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.6	118.0

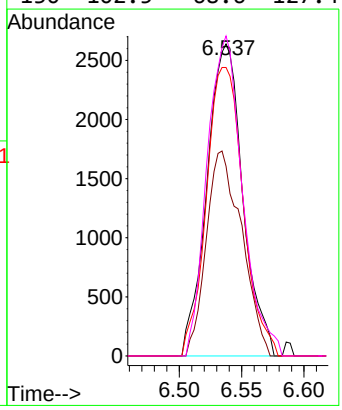


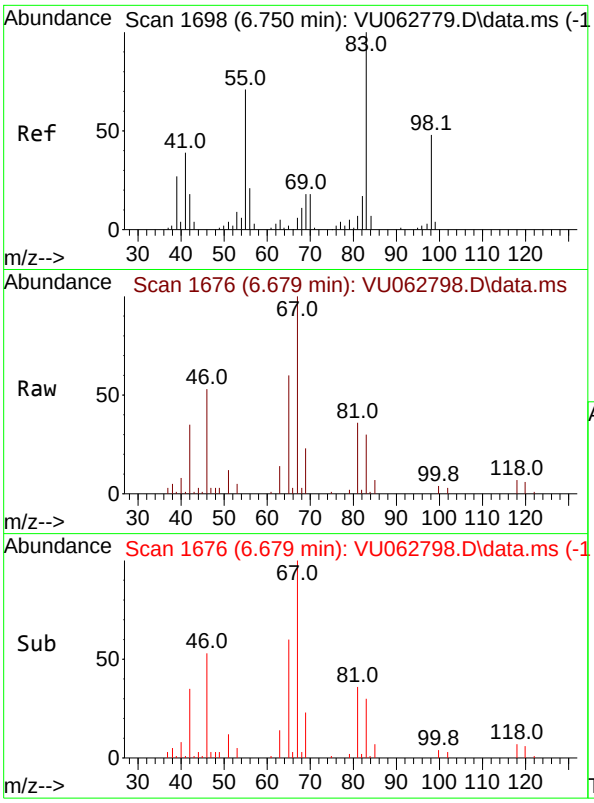


#34
Trichloroethene
Concen: 0.622 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU062798.D
Acq: 16 Jan 2025 04:55

Tgt Ion: 95 Resp: 5293

Ion	Ratio	Lower	Upper
95	100		
97	60.8	47.5	88.3
132	92.4	66.9	124.3
130	102.5	68.6	127.4



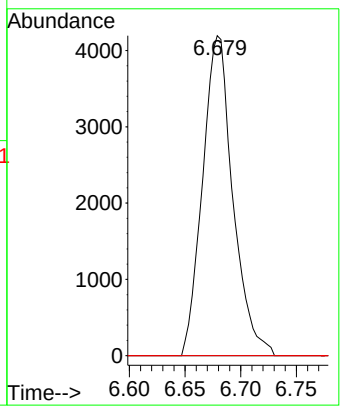


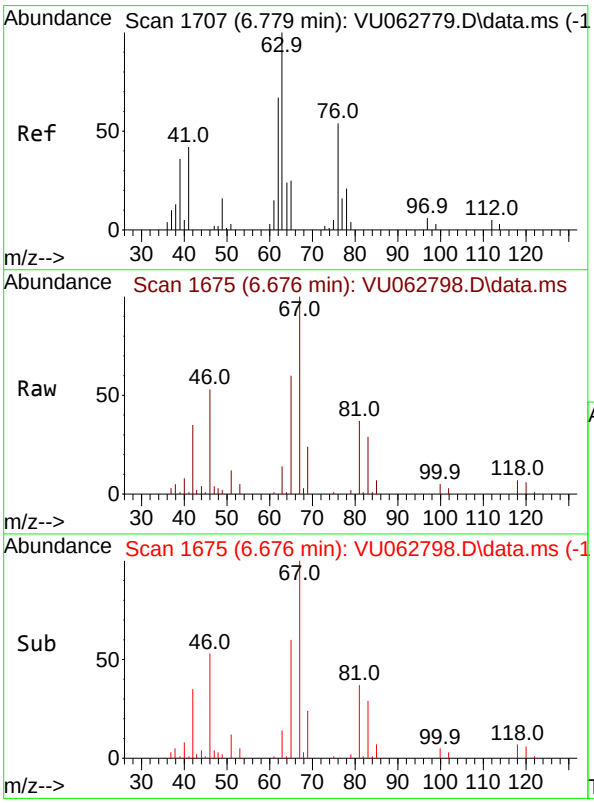
#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU062798.D
Acq: 16 Jan 2025 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 7943

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	0.7	36.6	55.0#

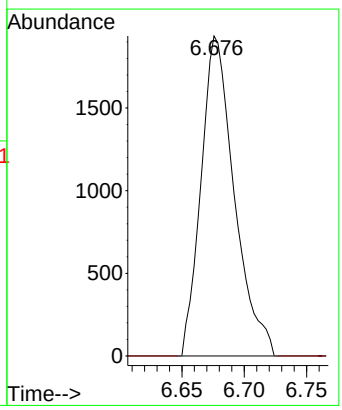


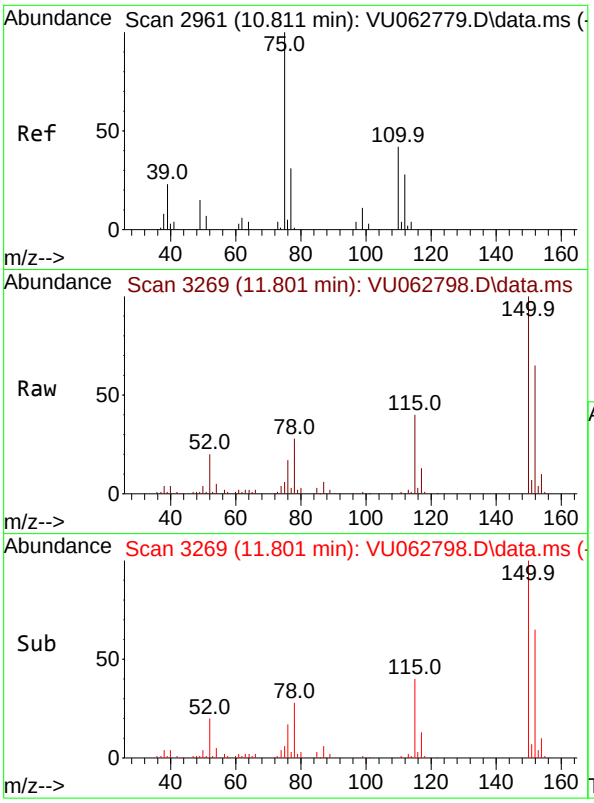


#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.103 min
Lab File: VU062798.D
Acq: 16 Jan 2025 04:55

Tgt Ion: 63 Resp: 3600

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#61
1,2,3-Trichloropropane
Concen: 0.988 ug/L
RT: 11.801 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU062798.D
Acq: 16 Jan 2025 04:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3589

Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	46.2	25.9	38.9#