Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
Data File : VU052361.D
Acq On : 12 Dec 2022 18:31
Operator : JC/MD
Sample : N5961-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5N35

Quant Time: Dec 13 01:06:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 13 01:01:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	228477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	238052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91764	4.129	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.600%			
7) Chloroethane-d5	1.916	69	77808	4.508	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.568	65	37733	4.737	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.800%			
20) 2-Butanone-d5	4.649	46	242677	60.242	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.480%			
24) Chloroform-d	5.060	84	164863	5.049	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	5.700	65	89442	5.423	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.400%			
32) Benzene-d6	5.726	84	340227	4.814	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
36) 1,2-Dichloropropane-d6	6.687	67	113114	5.172	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.400%			
41) Toluene-d8	7.896	98	282826	4.423	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
43) trans-1,3-Dichloroprop...	8.179	79	36364	4.562	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.200%			
46) 2-Hexanone-d5	8.632	63	211345	62.571	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.140%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	106257	5.603	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.000%			
66) 1,2-Dichlorobenzene-d4	12.189	152	112187	5.517	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.400%			
Target Compounds						Qvalue
3) Chloromethane	1.475	50	28723	1.111	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	992	0.059	ug/L #	20
14) Carbon disulfide	2.793	76	14618	0.255	ug/L	99
27) 1,2-Dichloroethane	5.790	62	17018	0.856	ug/L	96
35) Methylcyclohexane	6.687	83	25325	0.911	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	11134	0.555	ug/L #	88
38) Bromodichloromethane	7.163	83	4293	0.176	ug/L #	1
49) Dibromochloromethane	8.549	129	862	0.051	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	12950	1.065	ug/L #	69

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

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Quant Title : TRACE VOA SFAM1.0
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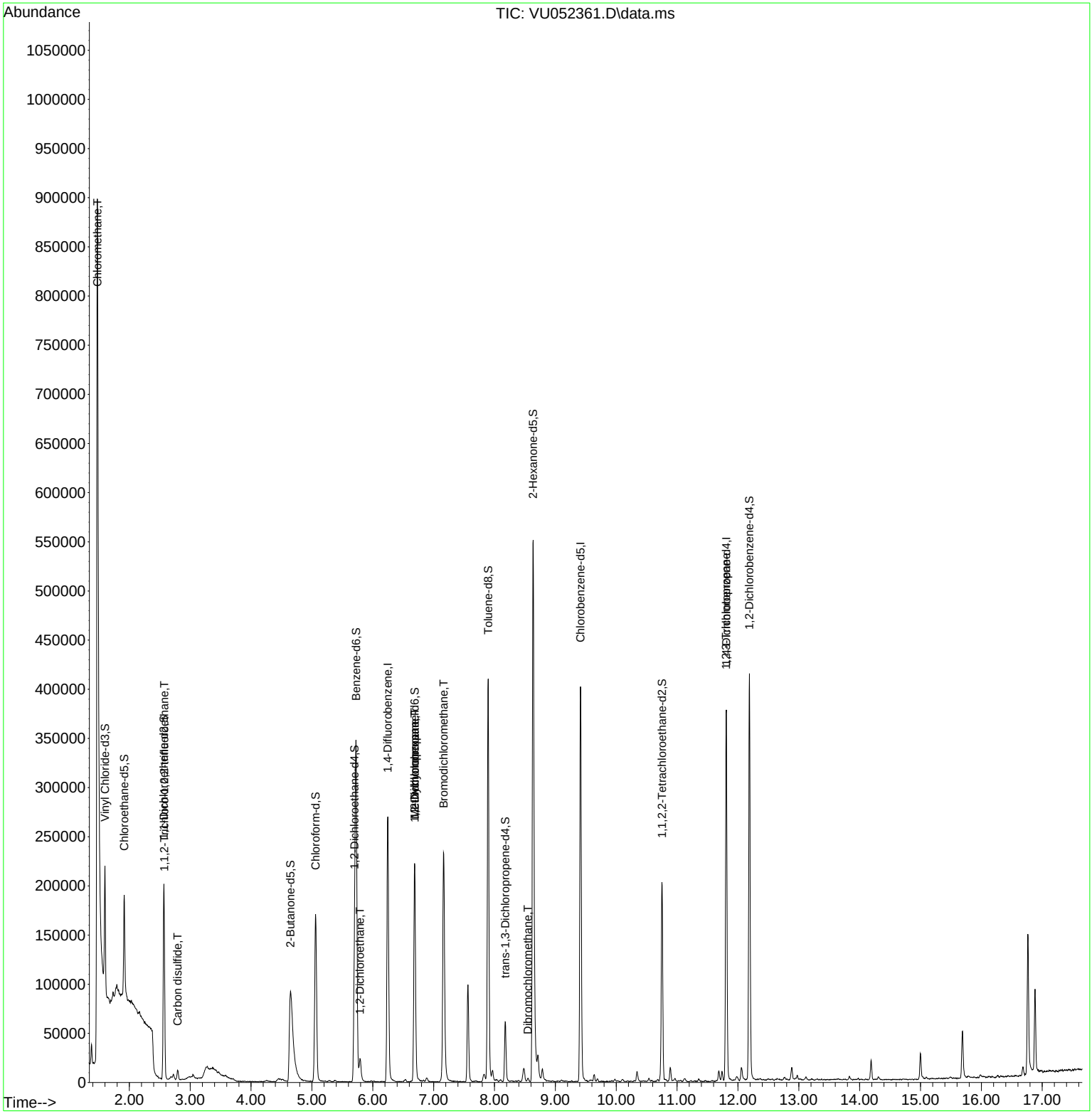
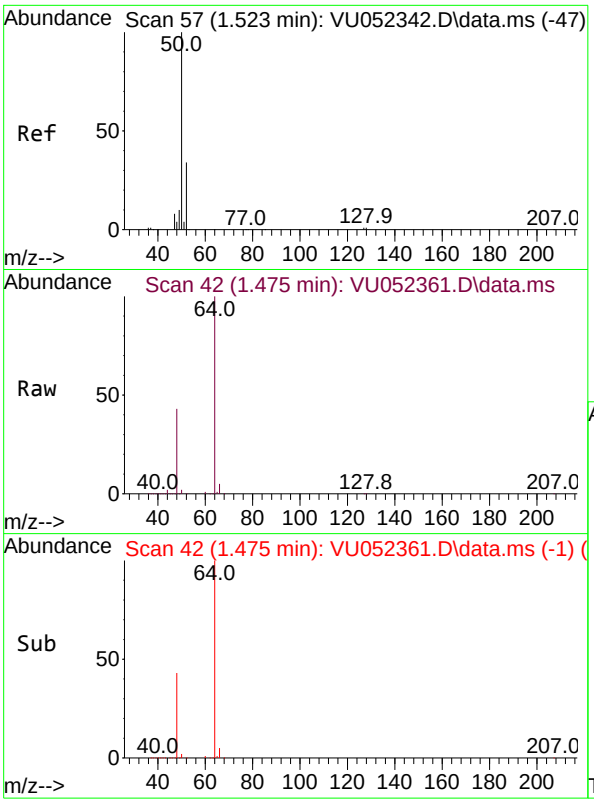


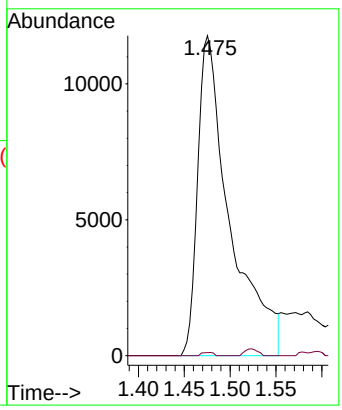


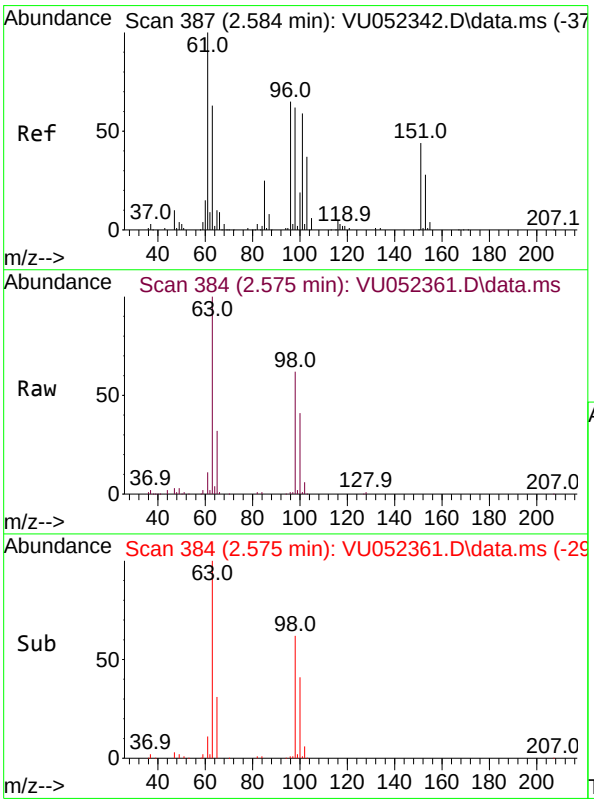
#3
Chloromethane
Concen: 1.111 ug/L
RT: 1.475 min Scan# 4
Delta R.T. -0.048 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Instrument :
MSVOA_U
ClientSampleId :
F5N35

Tgt Ion: 50 Resp: 28723

Ion	Ratio	Lower	Upper
50	100		
52	0.9	23.4	43.4#

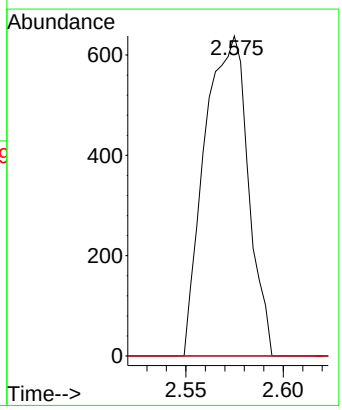


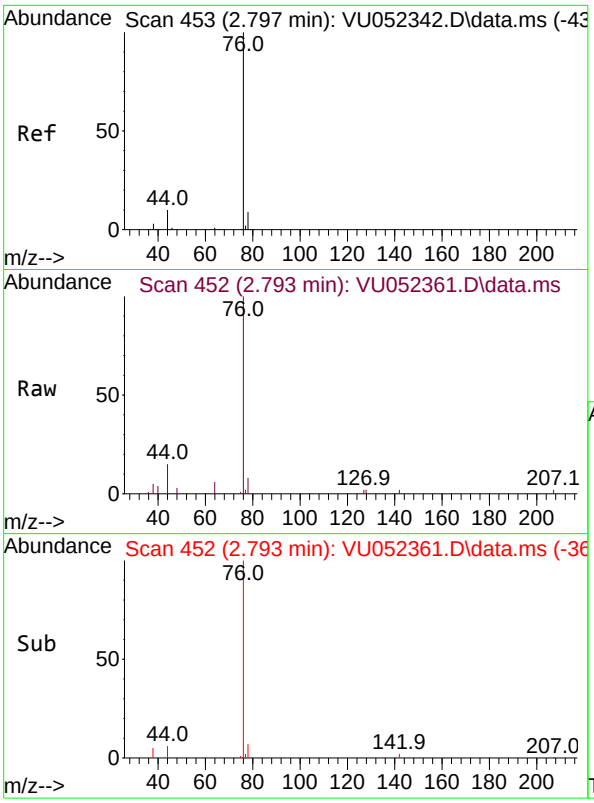


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Tgt Ion:101 Resp: 992

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	58.6	88.0#



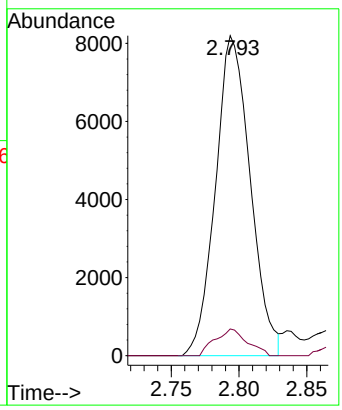


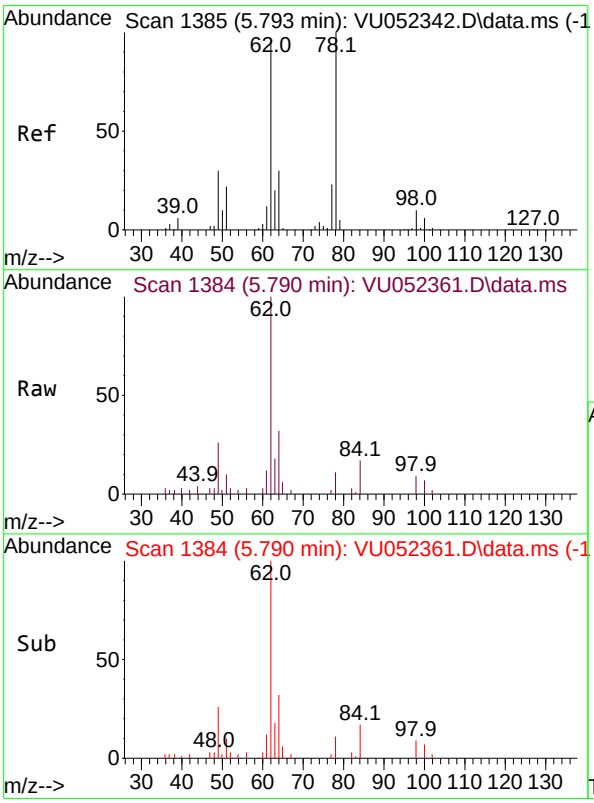
#14
Carbon disulfide
Concen: 0.255 ug/L
RT: 2.793 min Scan# 4
Delta R.T. -0.003 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Instrument :
MSVOA_U
ClientSampleId :
F5N35

Tgt Ion: 76 Resp: 14618

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4

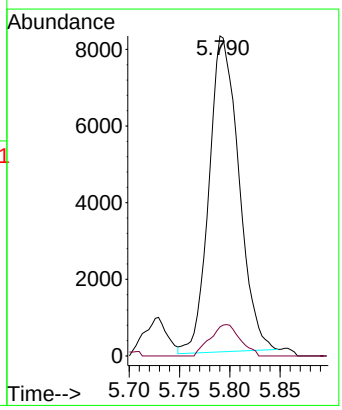


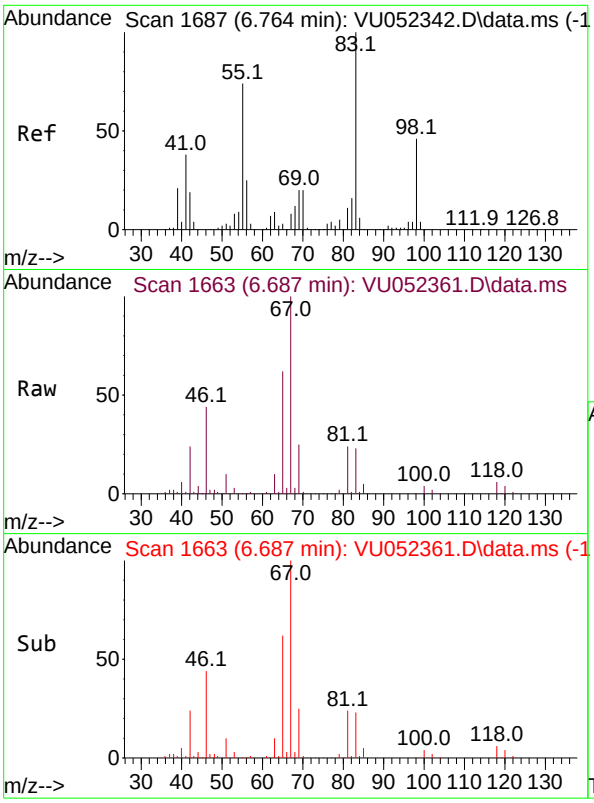


#27
1,2-Dichloroethane
Concen: 0.856 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.003 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Tgt Ion: 62 Resp: 17018

Ion	Ratio	Lower	Upper
62	100		
98	9.0	8.4	12.6



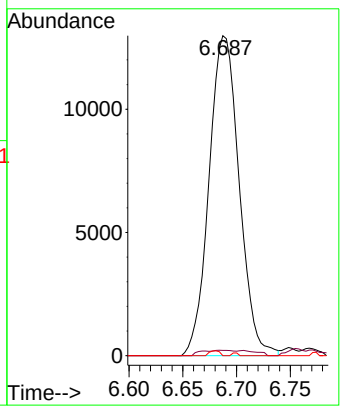


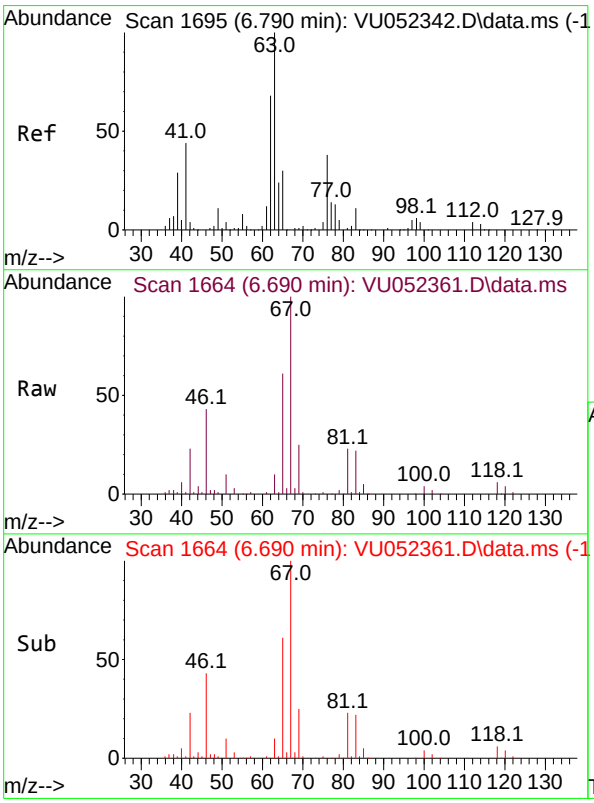
#35
Methylcyclohexane
Concen: 0.911 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Instrument :
MSVOA_U
ClientSampleId :
F5N35

Tgt Ion: 83 Resp: 25325

Ion	Ratio	Lower	Upper
83	100		
55	1.9	60.8	91.2#
98	0.5	35.1	52.7#

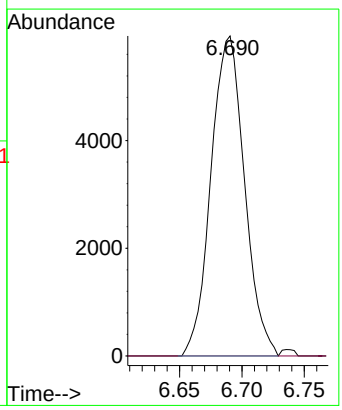


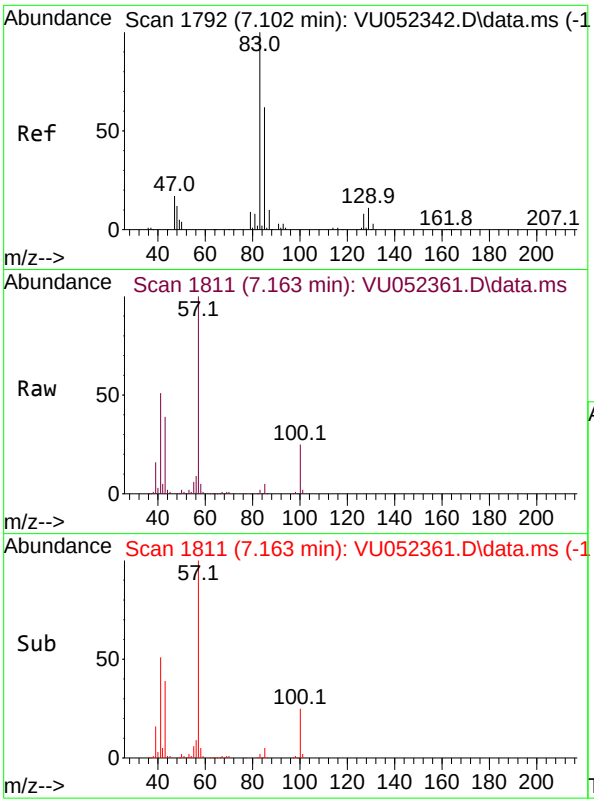


#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Tgt Ion: 63 Resp: 11134

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



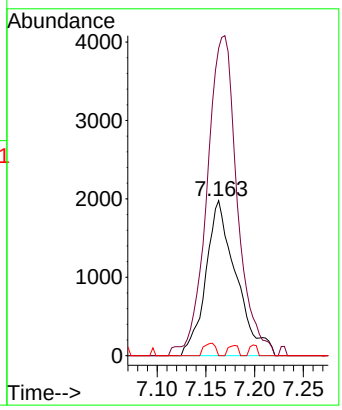


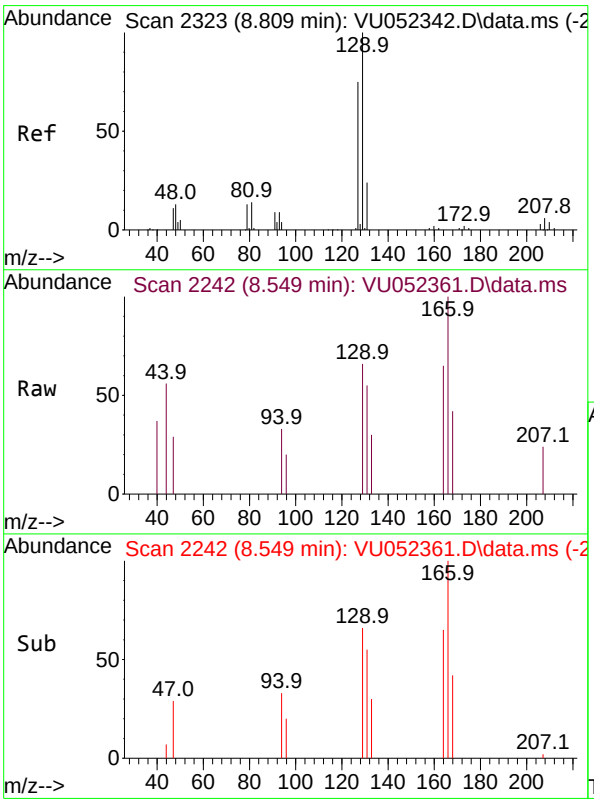
#38
Bromodichloromethane
Concen: 0.176 ug/L
RT: 7.163 min Scan# 1
Delta R.T. 0.061 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Instrument :
MSVOA_U
ClientSampleId :
F5N35

Tgt Ion: 83 Resp: 4293

Ion	Ratio	Lower	Upper
83	100		
85	198.2	43.5	80.9#
127	0.0	6.8	10.2#

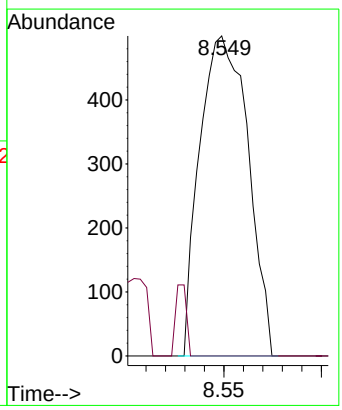


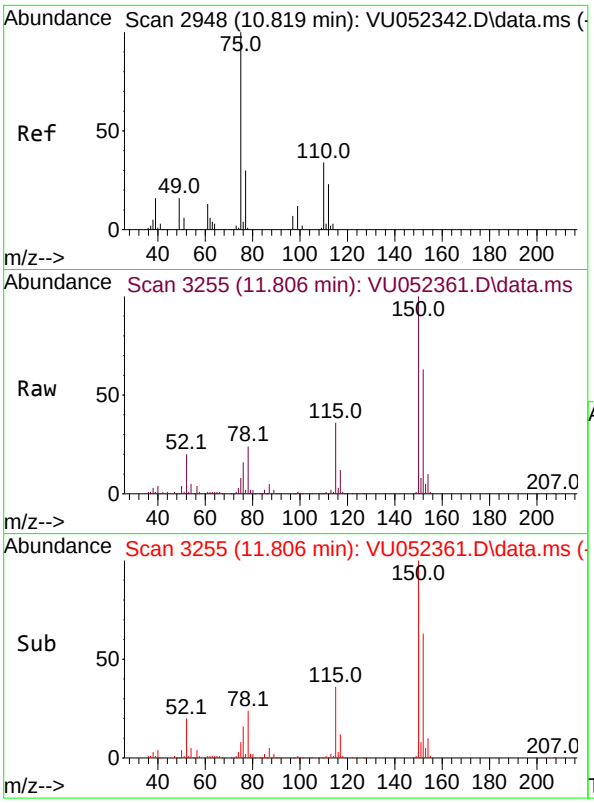


#49
Dibromochloromethane
Concen: 0.051 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.260 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Tgt Ion:129 Resp: 862

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.2#





#61
1,2,3-Trichloropropane
Concen: 1.065 ug/L
RT: 11.806 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Instrument :
MSVOA_U
ClientSampleId :
F5N35

Tgt Ion: 75 Resp: 12950

Ion	Ratio	Lower	Upper
75	100		
110	3.1	28.3	42.5#
77	30.5	26.2	39.2