Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100920\
Data File : VU040586.D
Acq On : 09 Oct 2020 16:06
Operator : SY/MD
Sample : L4349-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFZS1

Quant Time: Oct 10 04:22:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 04:13:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	184626	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	183026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	82176	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	50983	3.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.60%			
7) Chloroethane-d5	1.93	69	42279	3.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.60%			
11) 1,1-Dichloroethene-d2	2.58	63	77331	2.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.80%#			
20) 2-Butanone-d5	4.66	46	195222	39.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.76%			
24) Chloroform-d	5.08	84	94977	3.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.80%			
26) 1,2-Dichloroethane-d4	5.72	65	58439	3.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.40%			
32) Benzene-d6	5.74	84	181504	3.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.60%			
36) 1,2-Dichloropropane-d6	6.70	67	60967	3.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 74.40%			
41) Toluene-d8	7.91	98	150711	3.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.20%#			
43) trans-1,3-Dichloropropene-	8.19	79	24413	3.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.40%			
46) 2-Hexanone-d5	8.64	63	138081	38.60	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.20%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51867	3.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 70.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	61960	4.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	7688	0.491	ug/L	98
8) Chloroethane	1.95	64	634	0.060	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	734	0.048	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	728	0.055	ug/L #	1
13) Acetone	2.67	43	24336	6.413	ug/L	87
33) Benzene	5.75	78	1521	0.026	ug/L	100
35) Methylcyclohexane	6.70	83	14321	0.663	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6949	0.424	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1650	0.074	ug/L #	18
44) trans-1,3-Dichloropropene	8.19	75	1010	0.049	ug/L #	49
59) 1,2,3-Trichloropropane	11.81	75	10934	0.909	ug/L #	84
68) 1,2,4-trichlorobenzene	13.83	180	429	0.029	ug/L #	72

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

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Operator : SY/MD
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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
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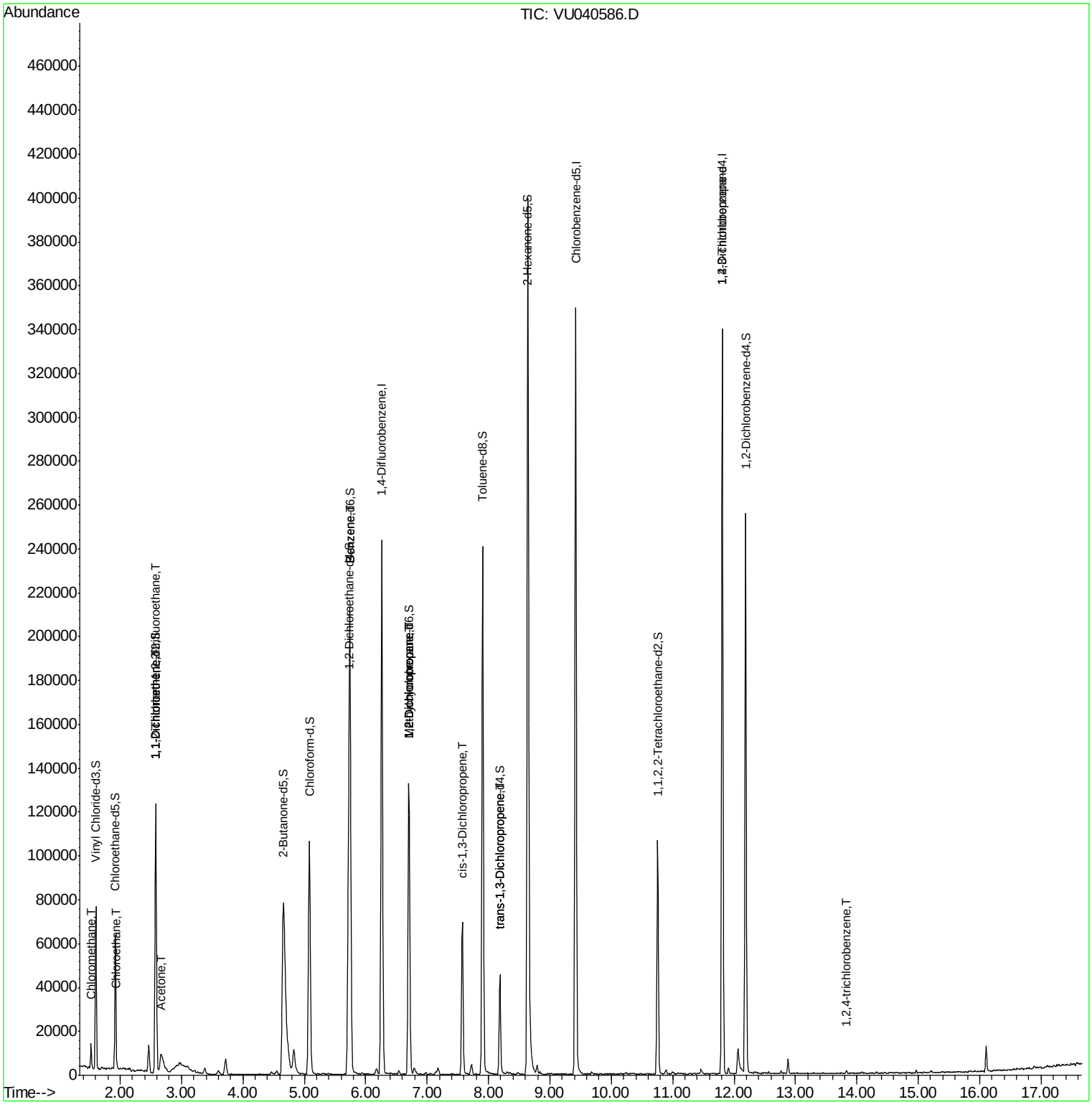
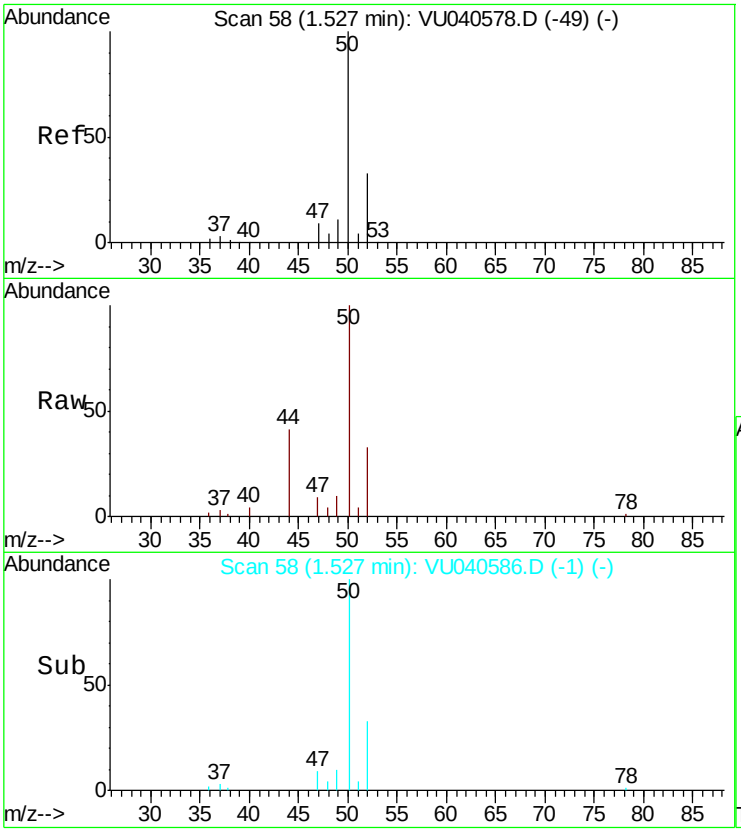
Quant Time: Oct 10 04:22:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 04:13:39 2020
Response via : Initial Calibration



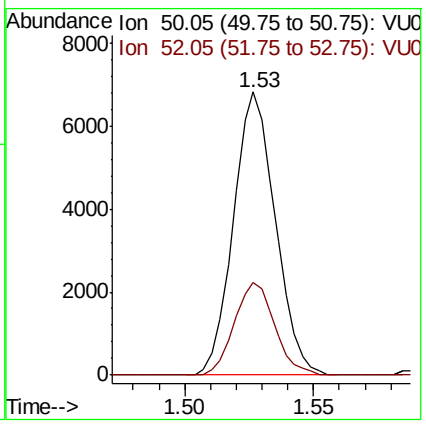


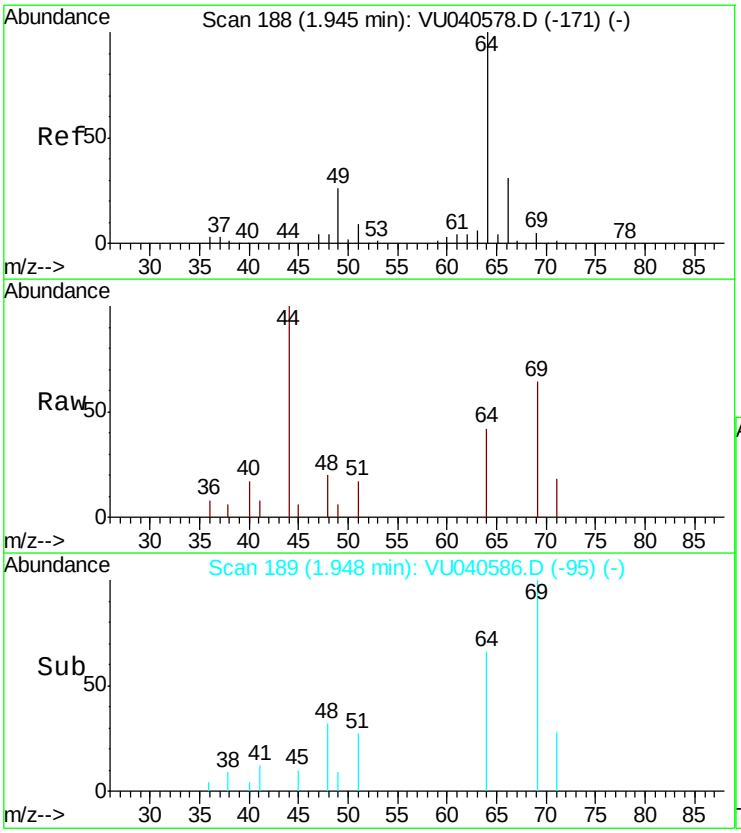
#3
Chloromethane
Concen: 0.491 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
BFZS1

Tgt Ion: 50 Resp: 7688

Ion	Ratio	Lower	Upper
50	100		
52	32.7	21.9	40.7

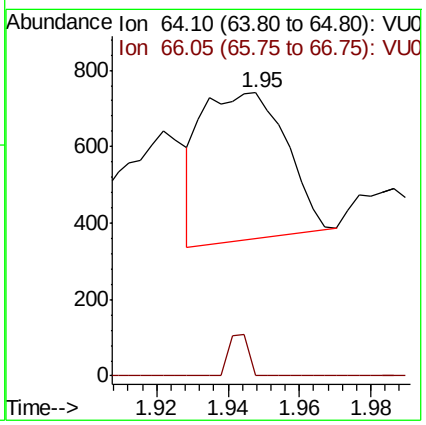


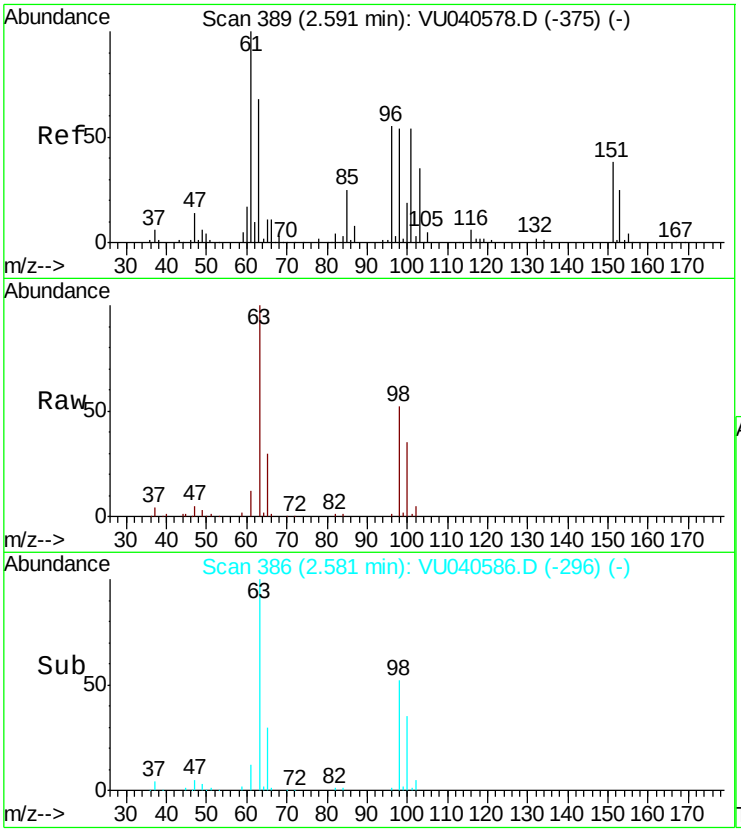


#8
Chloroethane
Concen: 0.060 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Tgt Ion: 64 Resp: 634

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.3	43.3#



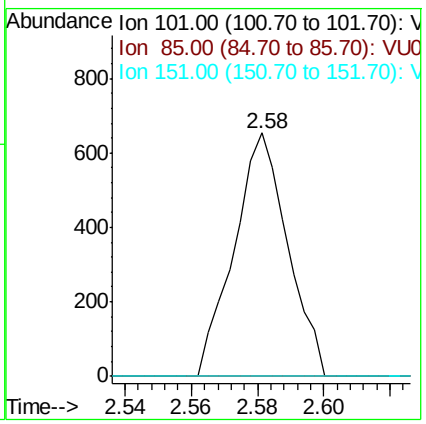


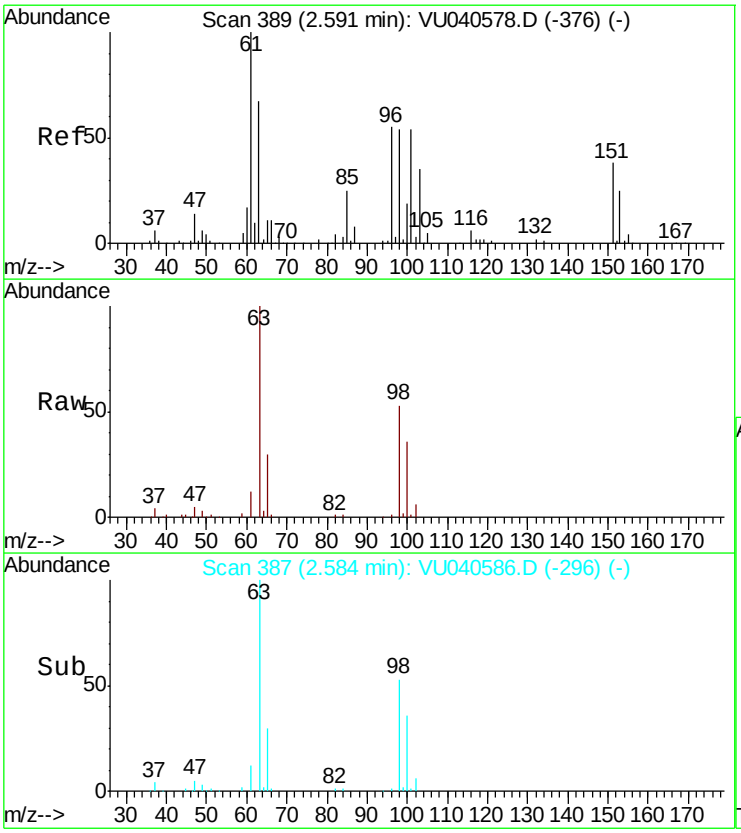
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
BFZS1

Tgt Ion:101 Resp: 734

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	58.0	87.0#

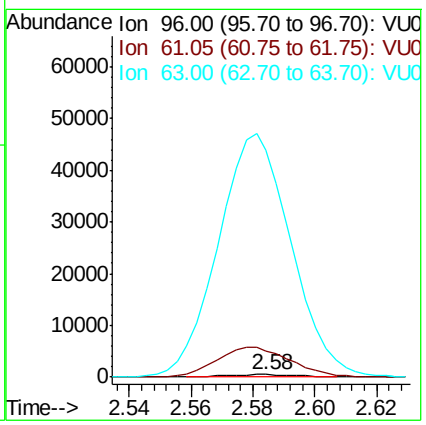


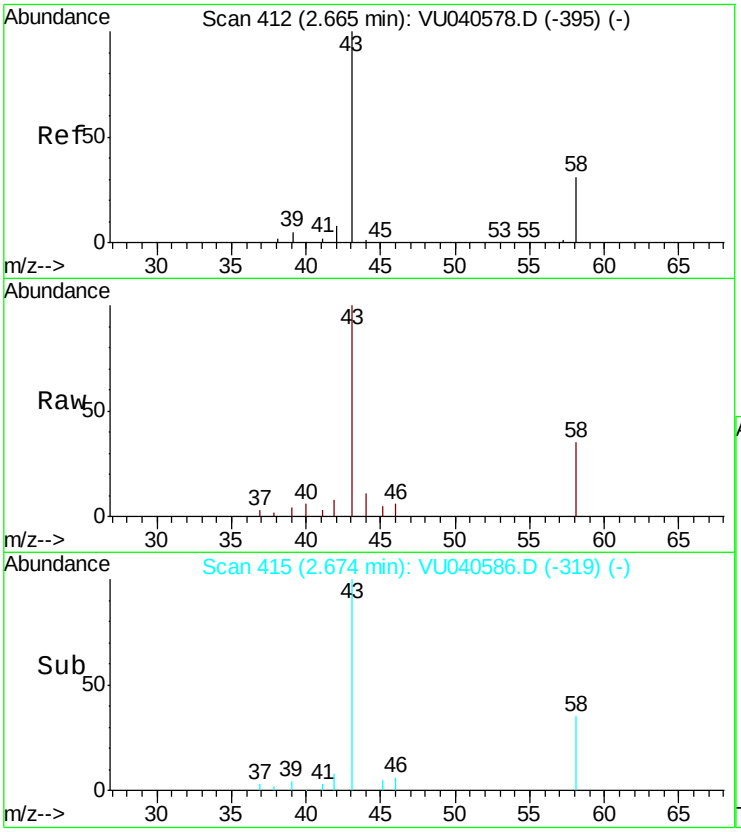


#12
1,1-Dichloroethene
Concen: 0.055 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Tgt Ion: 96 Resp: 728

Ion	Ratio	Lower	Upper
96	100		
61	1090.7	128.8	239.2#
63	9311.3	84.6	157.2#



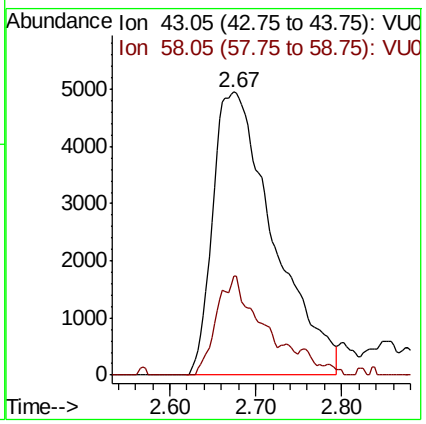


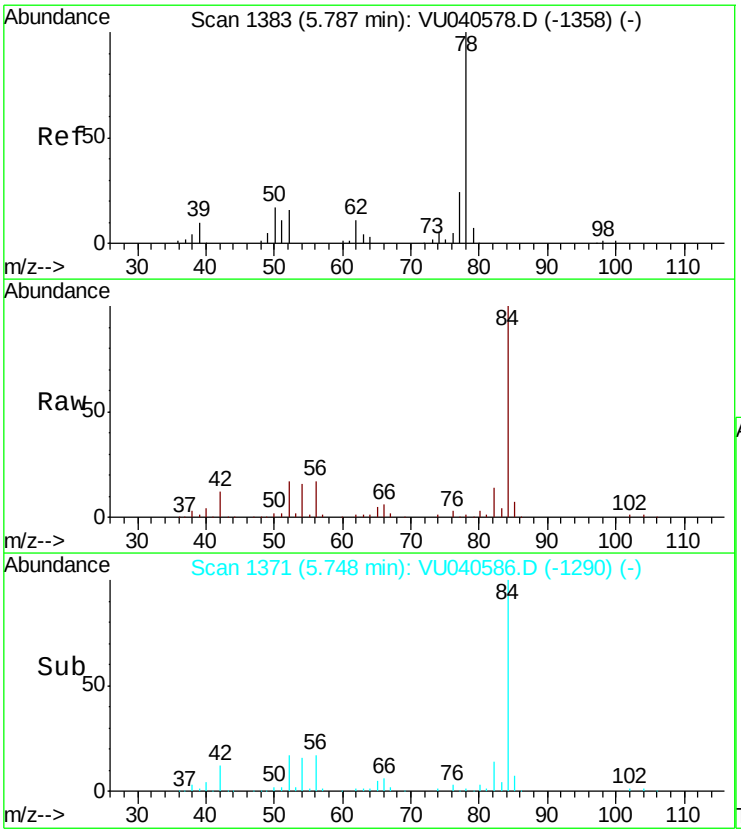
#13
Acetone
Concen: 6.413 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.01 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
BFZS1

Tgt Ion: 43 Resp: 24336

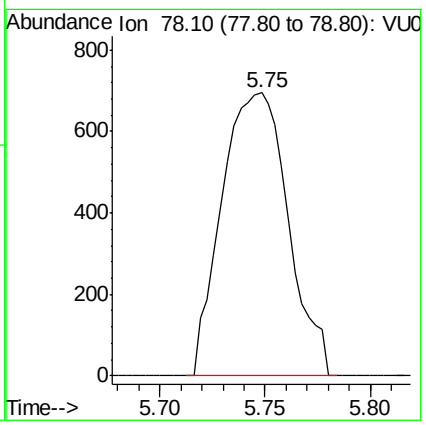
Ion	Ratio	Lower	Upper
43	100		
58	23.4	0.0	60.6

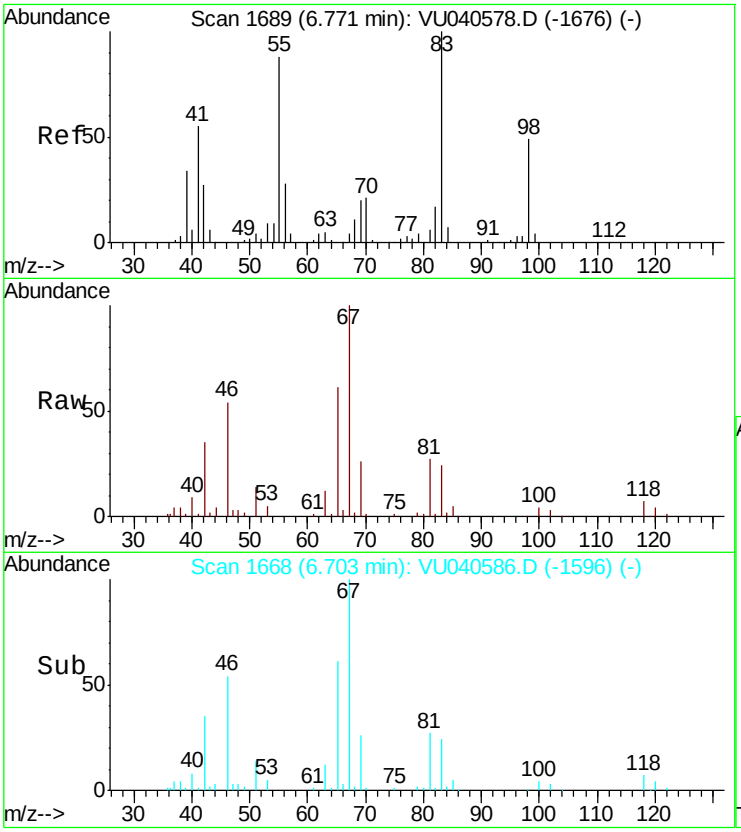




#33
Benzene
Concen: 0.026 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Tgt Ion: 78 Resp: 1521



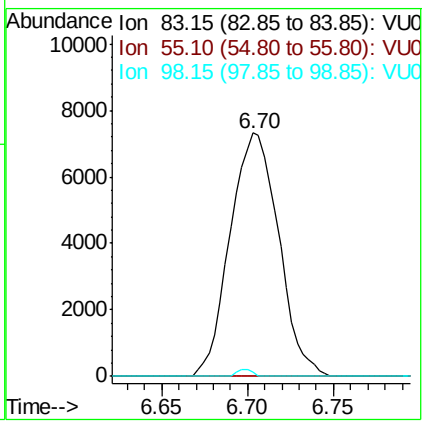


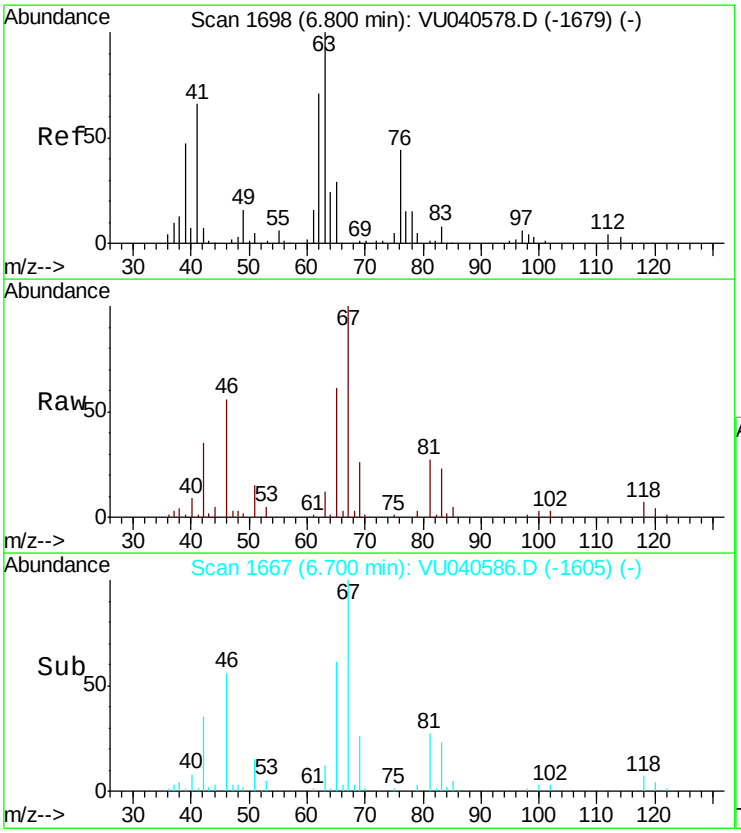
#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Instrument : MSVOA_U
ClientSampleId : BFZS1

Tgt Ion: 83 Resp: 14321

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.9	38.4	57.6#

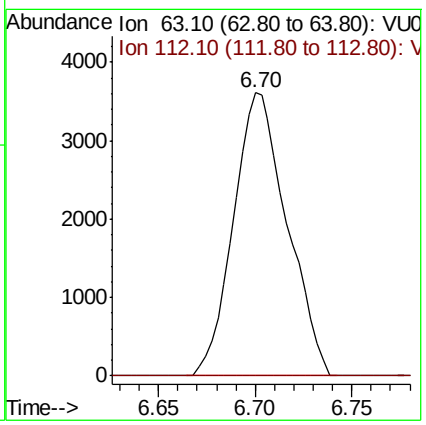


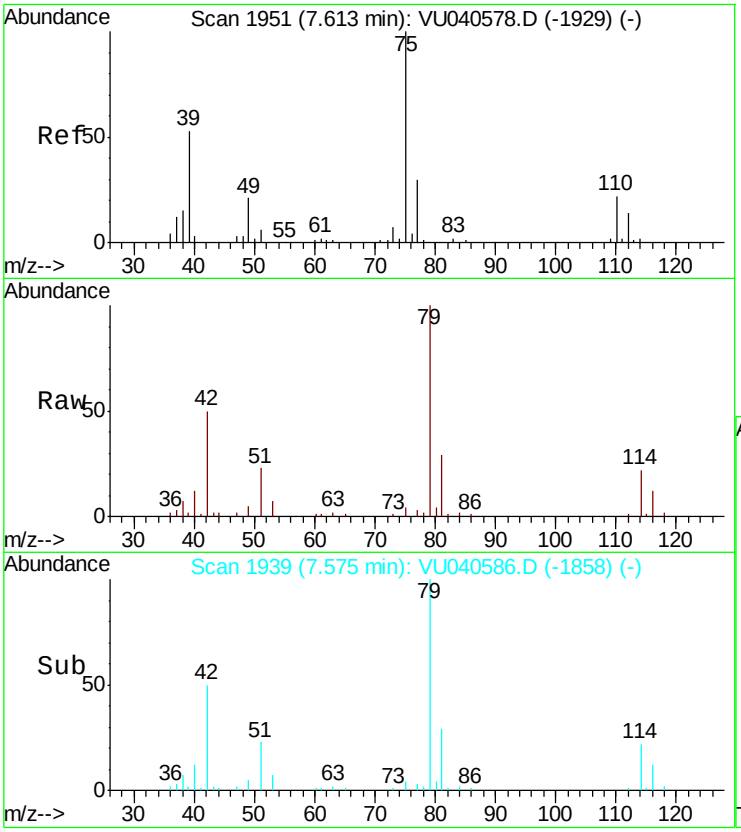


#37
1,2-Dichloropropane
Concen: 0.424 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Tgt Ion: 63 Resp: 6949

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



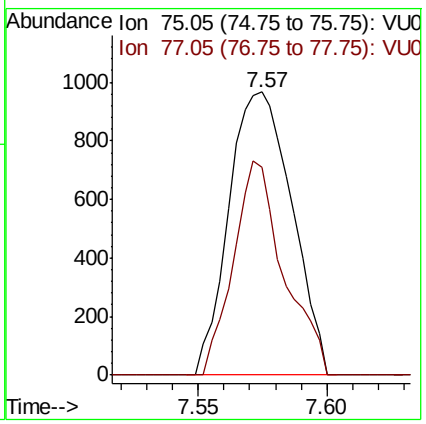


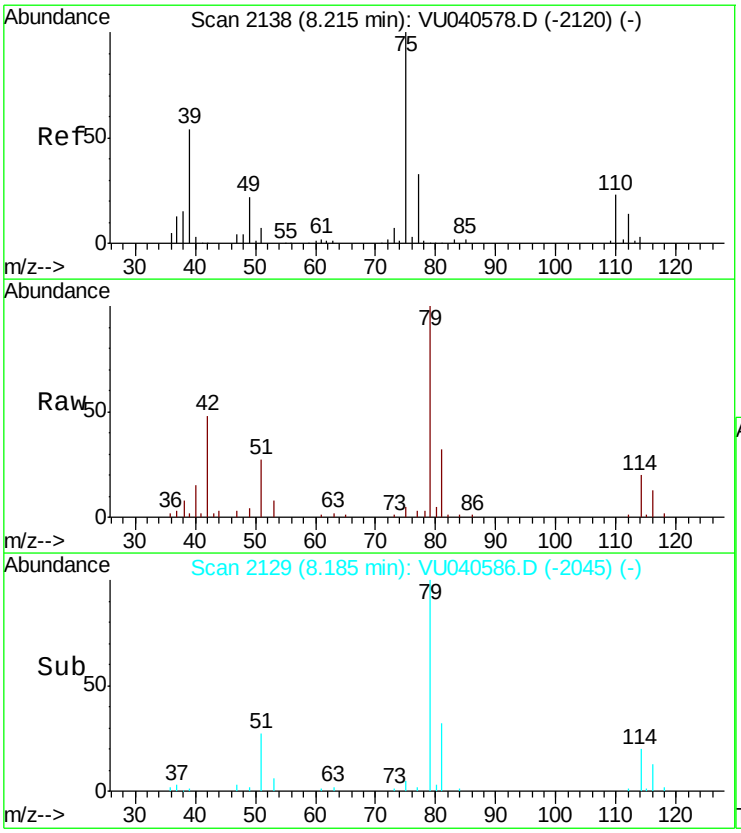
#39
cis-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Instrument : MSVOA_U
ClientSampleId : BFZS1

Tgt Ion: 75 Resp: 1650

Ion	Ratio	Lower	Upper
75	100		
77	73.3	20.5	38.1#

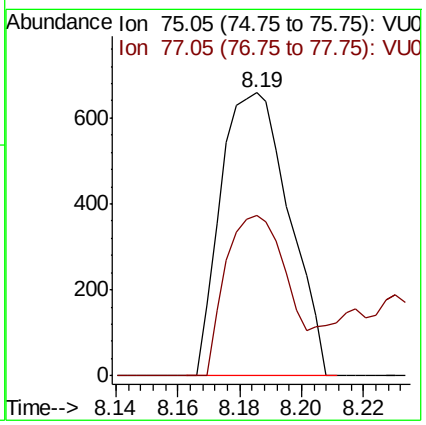


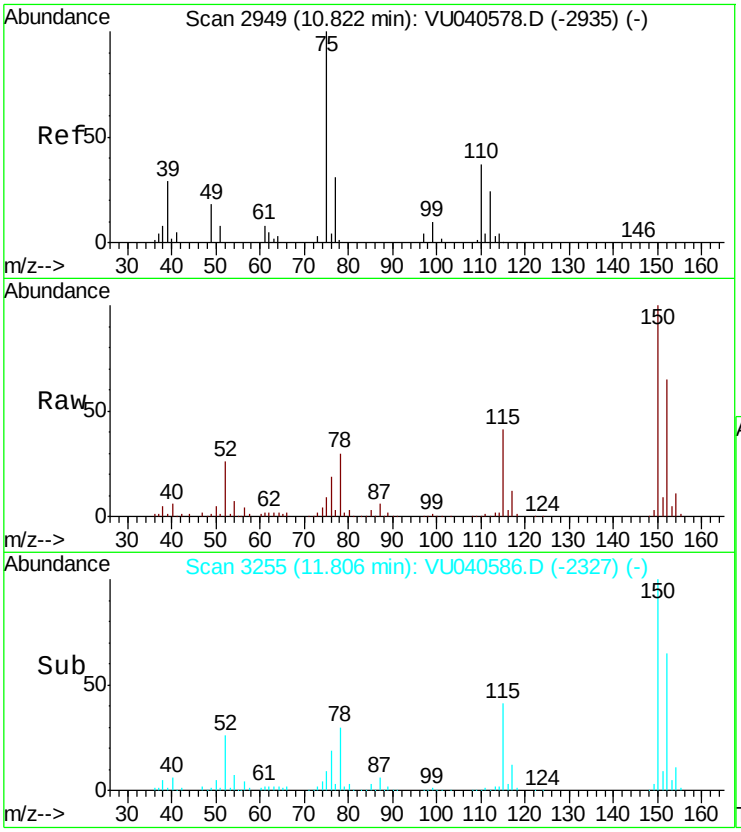


#44
trans-1,3-Dichloropropene
Concen: 0.049 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Tgt Ion: 75 Resp: 1010

Ion	Ratio	Lower	Upper
75	100		
77	56.7	20.4	38.0#



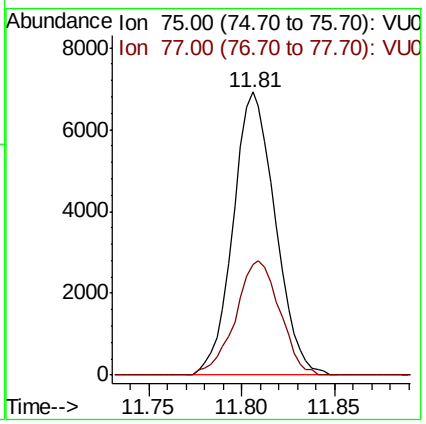


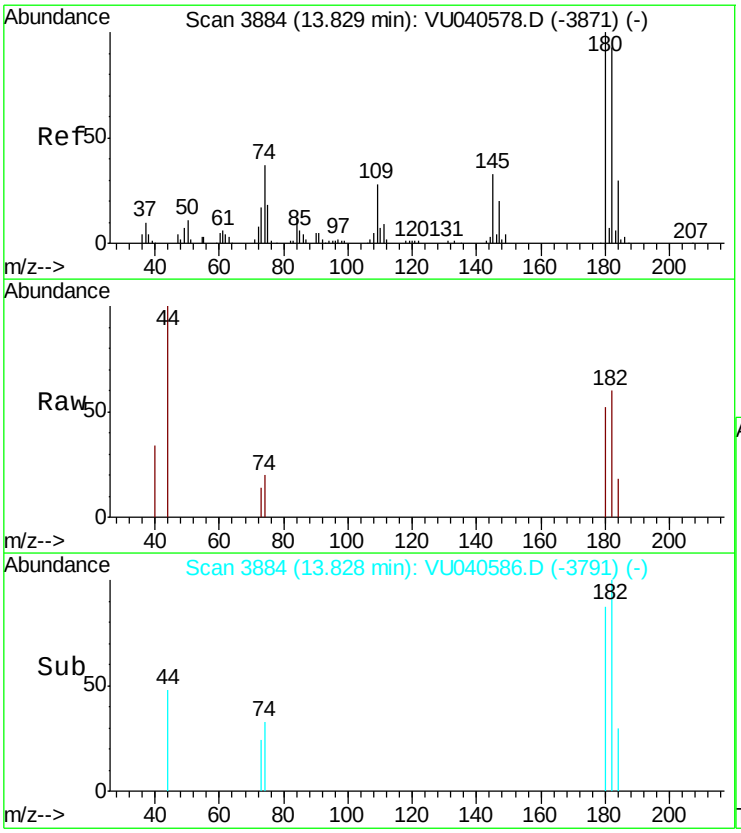
#59
1,2,3-Trichloropropane
Concen: 0.909 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
BFZS1

Tgt Ion: 75 Resp: 10934

Ion	Ratio	Lower	Upper
75	100		
77	42.3	26.4	39.6#





#68
1,2,4-trichlorobenzene
Concen: 0.029 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU040586.D
Acq: 09 Oct 2020 16:06

Tgt Ion:180 Resp: 429

Ion	Ratio	Lower	Upper
180	100		
182	122.8	78.8	118.2#
145	10.0	26.1	39.1#