Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040508.D
Acq On : 05 Oct 2020 14:35
Operator : SY/MD
Sample : L4266-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA3

Quant Time: Oct 06 07:53:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110290	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50066	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	28288	5.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.60%			
7) Chloroethane-d5	1.92	69	23675	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.58	63	44827	3.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.20%			
20) 2-Butanone-d5	4.66	46	124053	45.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.48%			
24) Chloroform-d	5.08	84	61273	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	39854	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.75	84	112411	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.70	67	39705	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.91	98	90836	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	8.19	79	15448	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	8.64	63	82524	41.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.52%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35454	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	38557	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	4565	0.421	ug/L	94
8) Chloroethane	1.94	64	280	0.044	ug/L #	44
13) Acetone	2.66	43	7590	3.358	ug/L	99
25) Chloroform	5.10	83	2115	0.116	ug/L	94
27) 1,2-Dichloroethane	5.75	62	735	0.058	ug/L #	74
33) Benzene	5.79	78	1265	0.033	ug/L	100
34) Trichloroethene	6.55	95	767	0.076	ug/L	84
35) Methylcyclohexane	6.71	83	9021	0.610	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4156	0.393	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1140	0.080	ug/L #	49
42) Toluene	7.98	91	1449	0.037	ug/L	99
44) trans-1,3-Dichloropropene	8.18	75	890	0.068	ug/L	97
45) 1,1,2-Trichloroethane	8.56	97	746	0.101	ug/L #	22
47) Tetrachloroethene	8.56	164	69411	9.694	ug/L	97
49) Dibromochloromethane	8.56	129	69841	8.096	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6812	0.888	ug/L #	82

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040508.D
Acq On : 05 Oct 2020 14:35
Operator : SY/MD
Sample : L4266-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA3

Quant Time: Oct 06 07:53:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040508.D
Acq On : 05 Oct 2020 14:35
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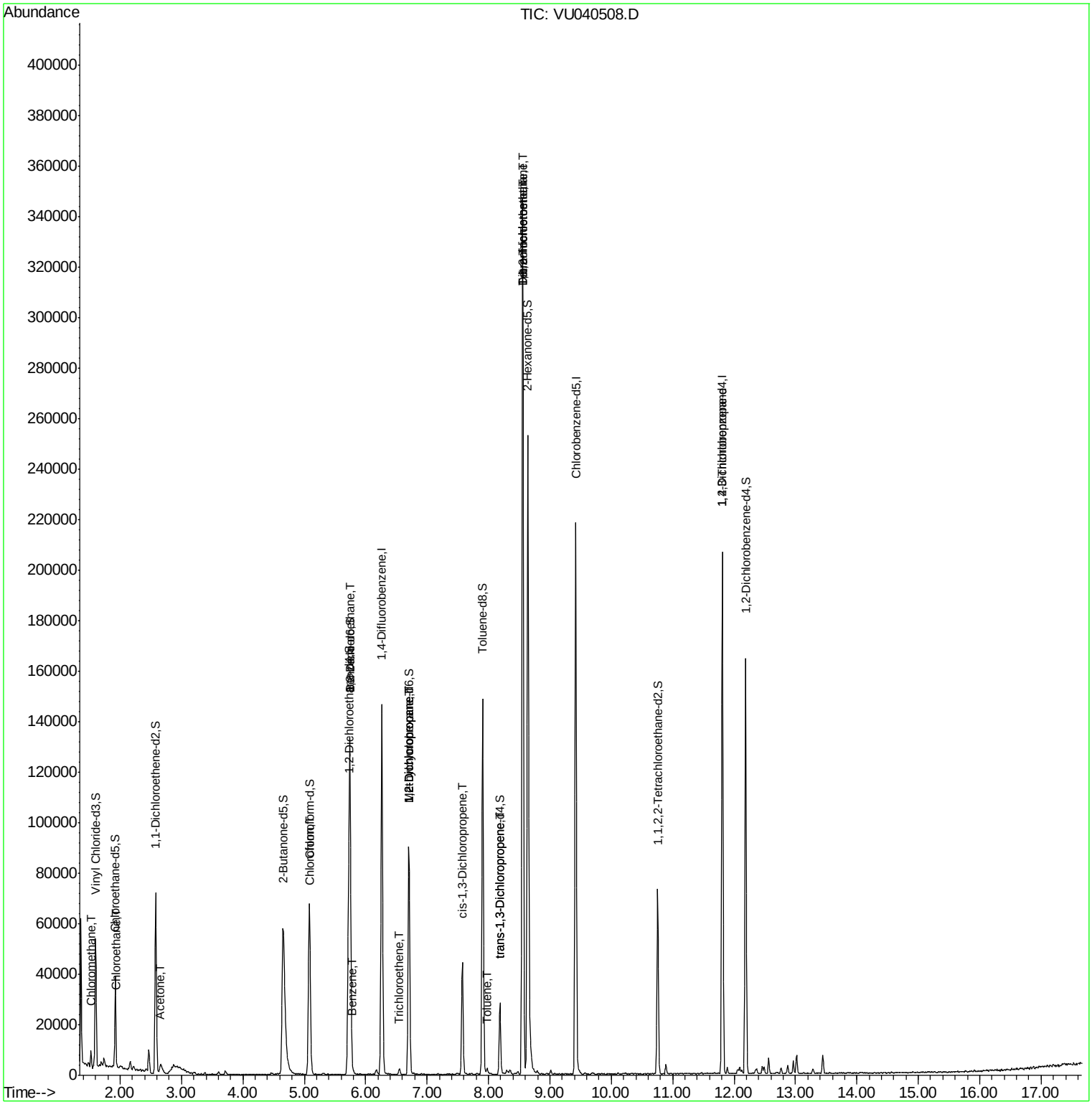
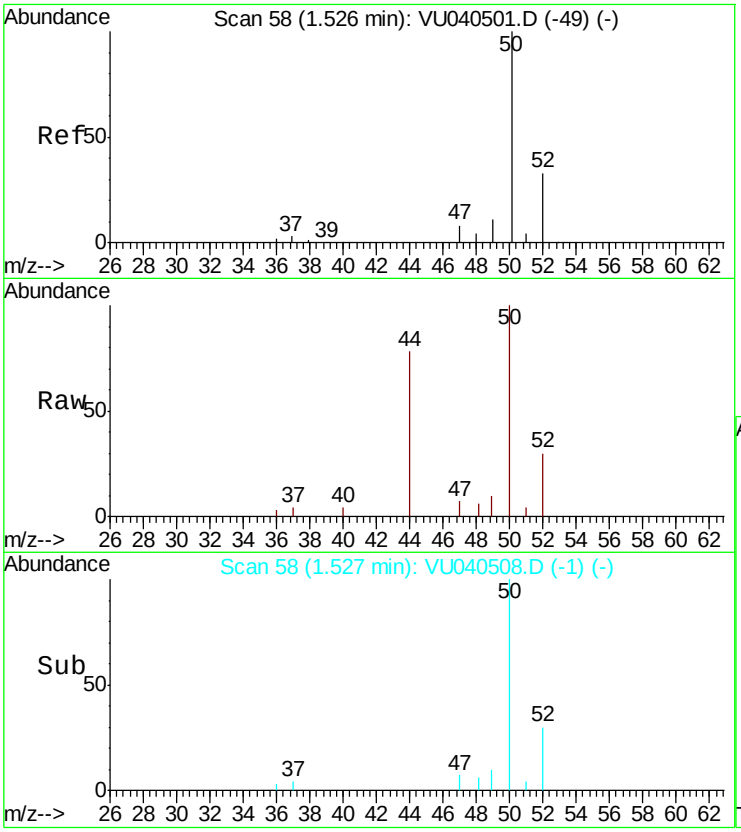
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration



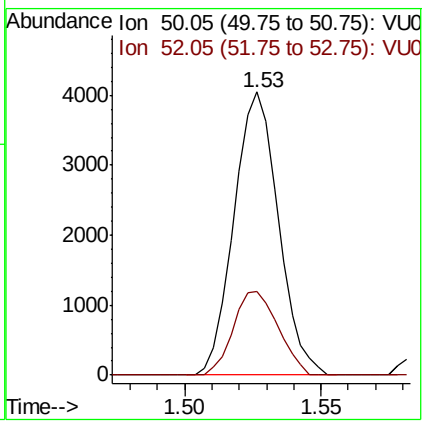


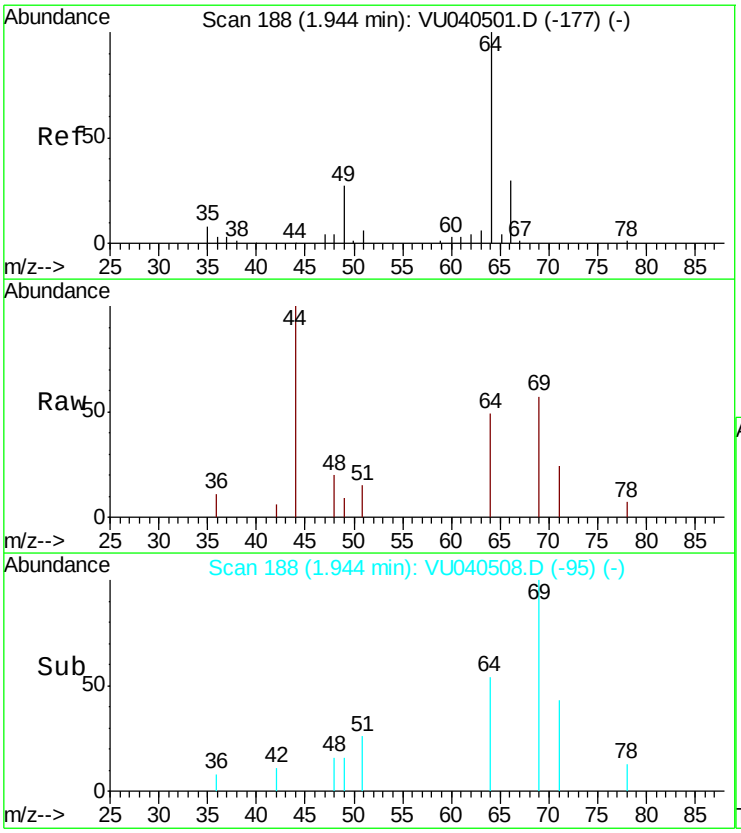
#3
Chloromethane
Concen: 0.421 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Instrument :
MSVOA_U
ClientSampleId :
BFSA3

Tgt Ion: 50 Resp: 4565

Ion	Ratio	Lower	Upper
50	100		
52	29.5	23.0	42.6

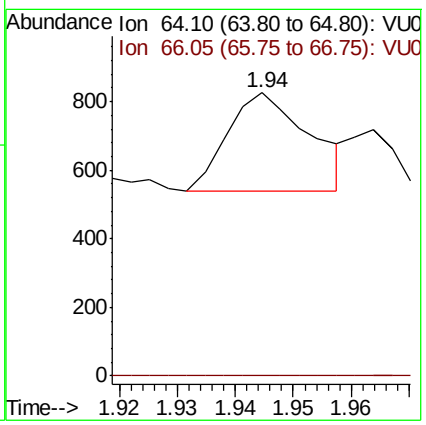


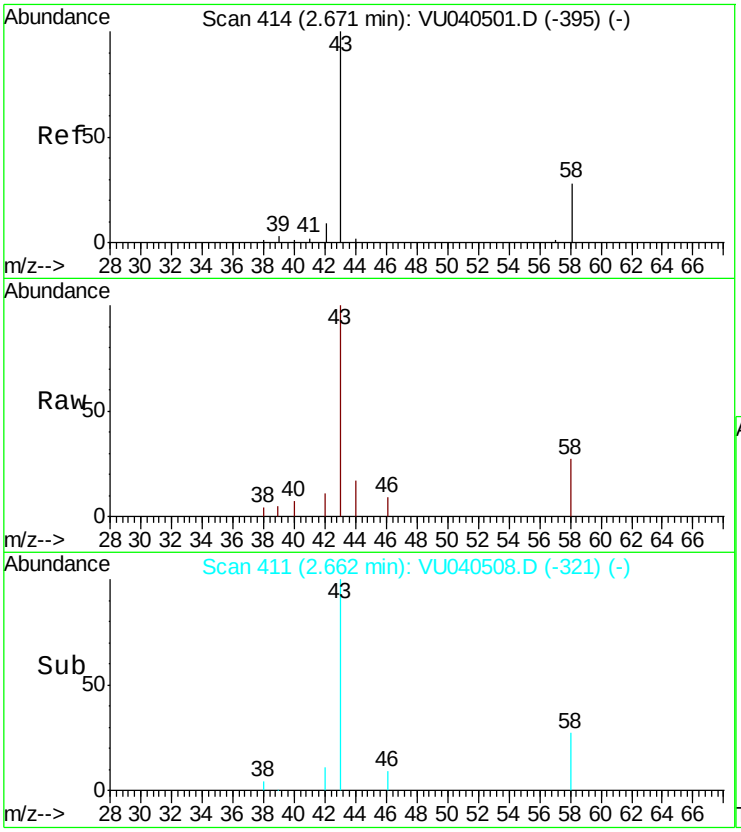


#8
Chloroethane
Concen: 0.044 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Tgt Ion: 64 Resp: 280

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.3	39.6#



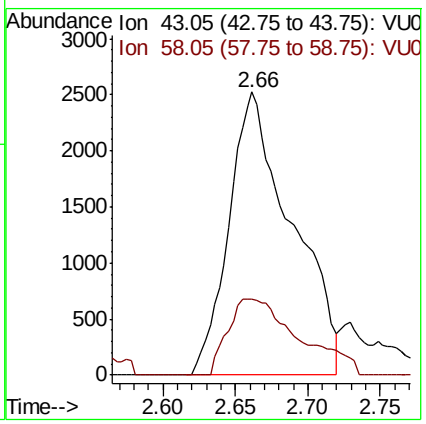


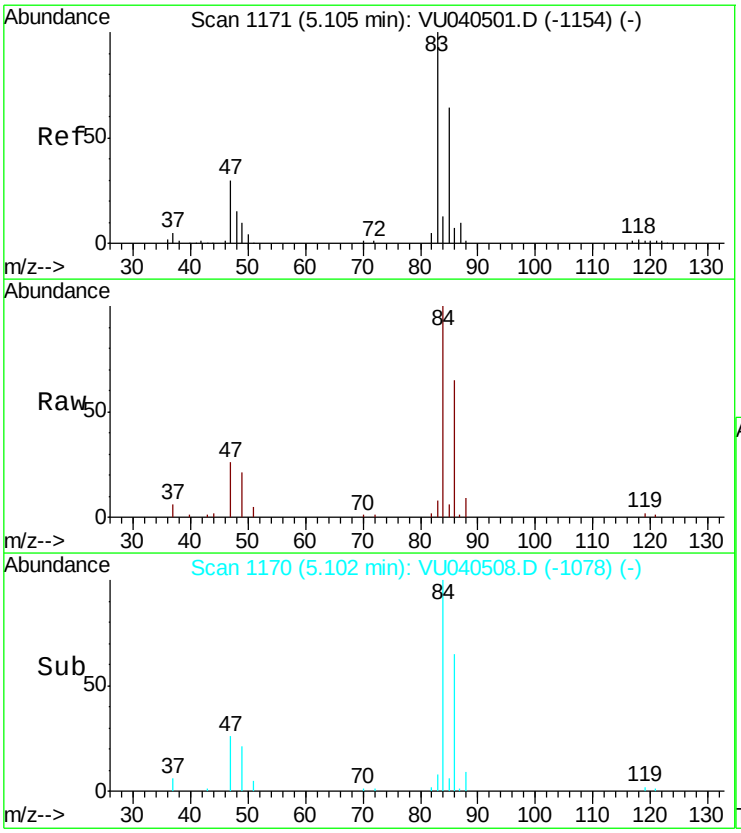
#13
Acetone
Concen: 3.358 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Instrument :
MSVOA_U
ClientSampleId :
BFSA3

Tgt Ion: 43 Resp: 7590

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	61.8

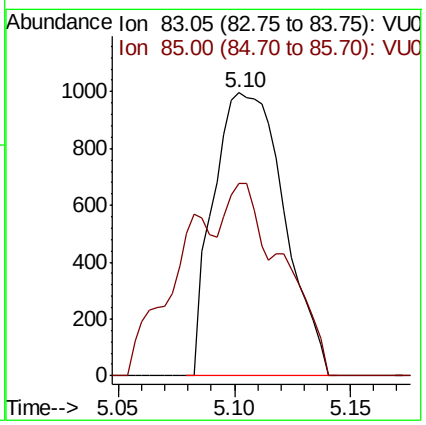


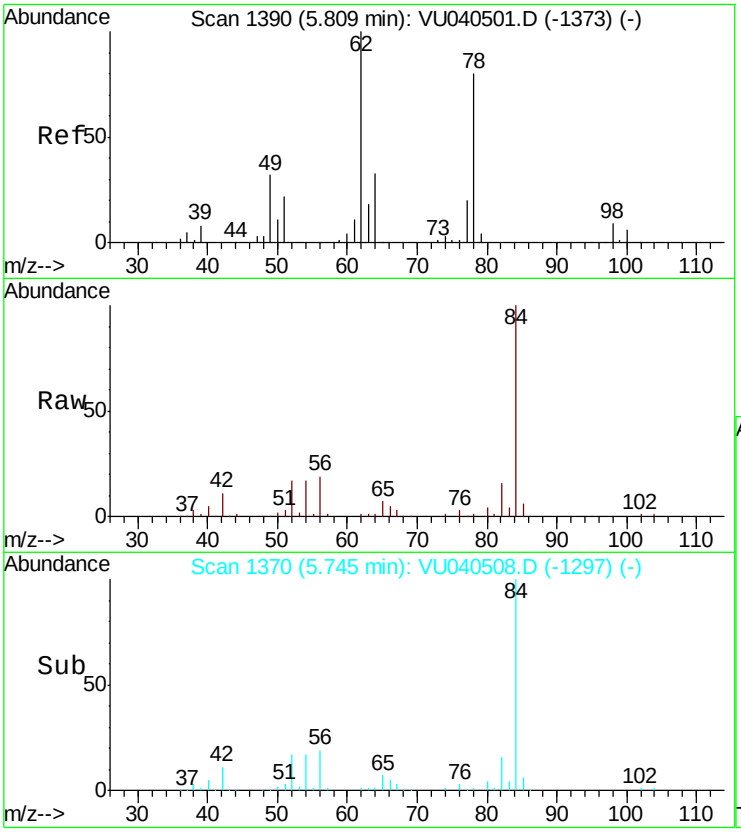


#25
Chloroform
Concen: 0.116 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Tgt Ion: 83 Resp: 2115

Ion	Ratio	Lower	Upper
83	100		
85	68.1	44.6	82.8



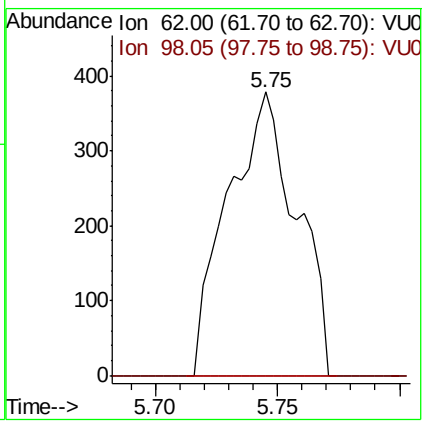


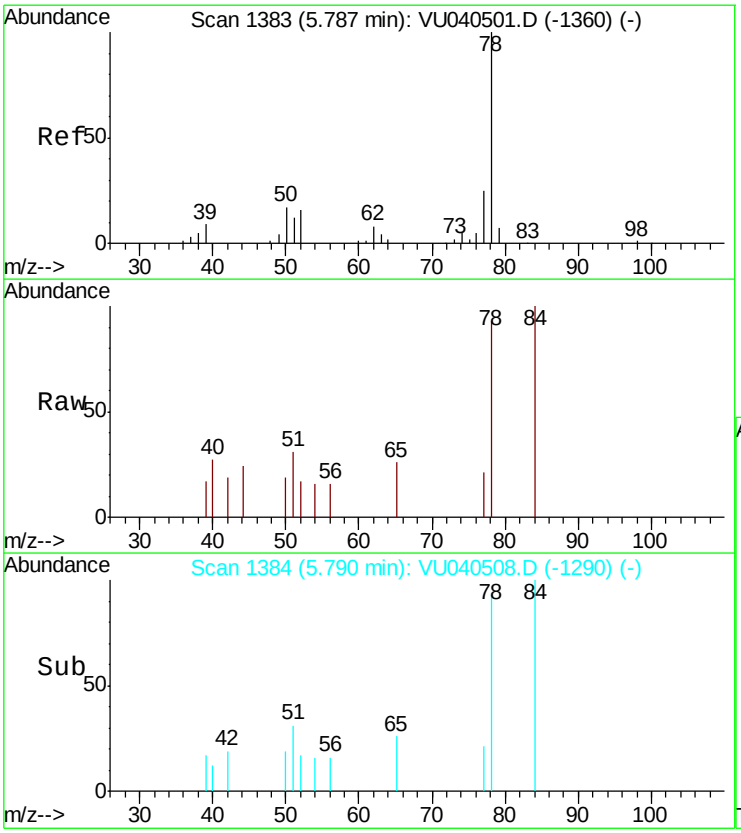
#27
1,2-Dichloroethane
Concen: 0.058 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Instrument :
MSVOA_U
ClientSampleId :
BFSA3

Tgt Ion: 62 Resp: 735

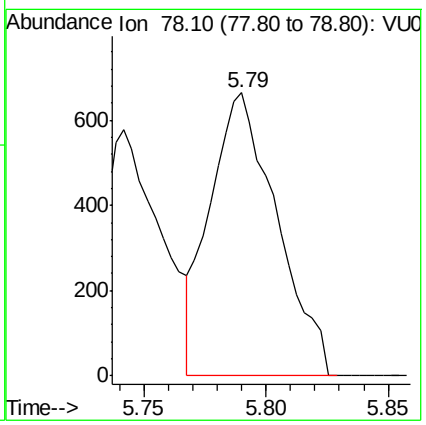
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

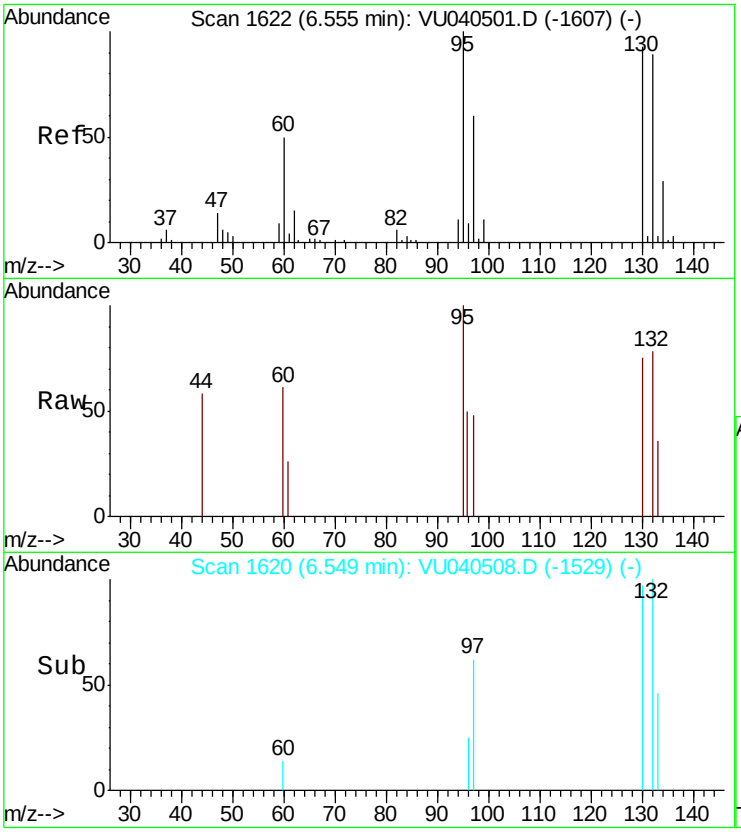




#33
Benzene
Concen: 0.033 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Tgt Ion: 78 Resp: 1265



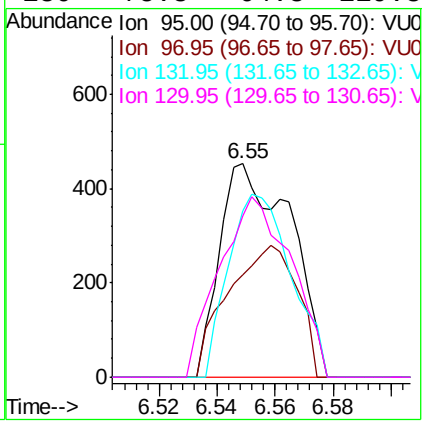


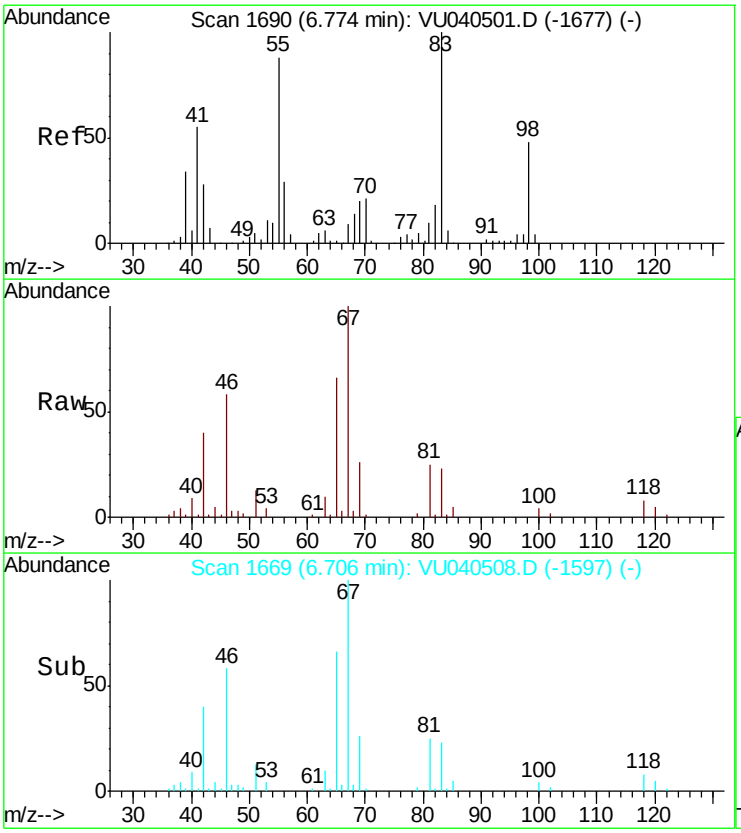
#34
Trichloroethene
Concen: 0.076 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Instrument :
MSVOA_U
ClientSampleId :
BFSA3

Tgt Ion: 95 Resp: 767

Ion	Ratio	Lower	Upper
95	100		
97	48.1	46.3	85.9
132	77.9	60.5	112.3
130	75.3	64.3	119.3

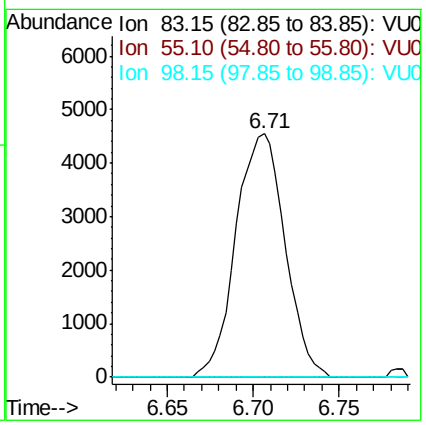


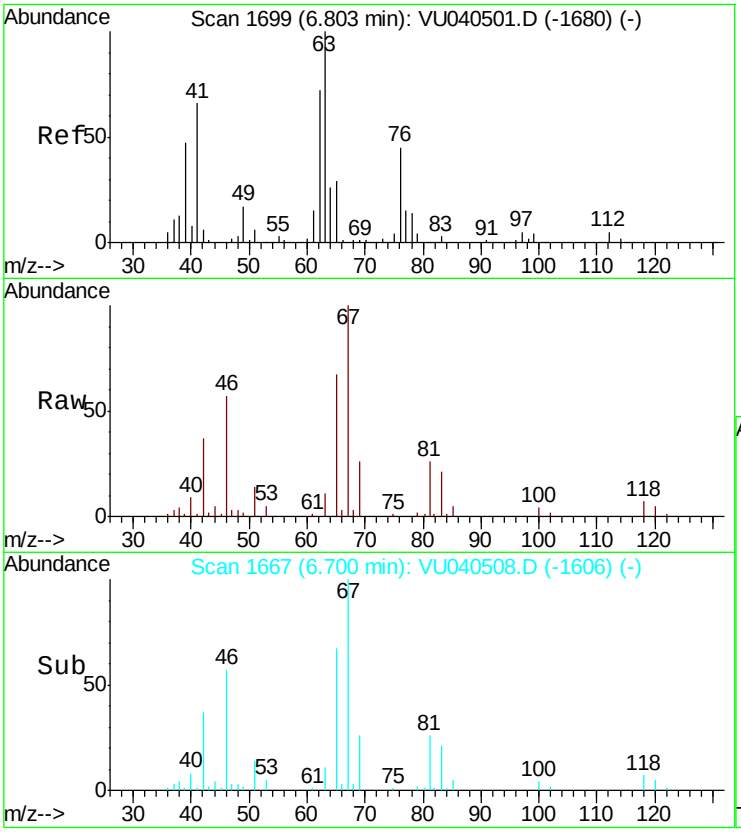


#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Tgt Ion: 83 Resp: 9021

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.4	107.2#
98	0.8	38.5	57.7#



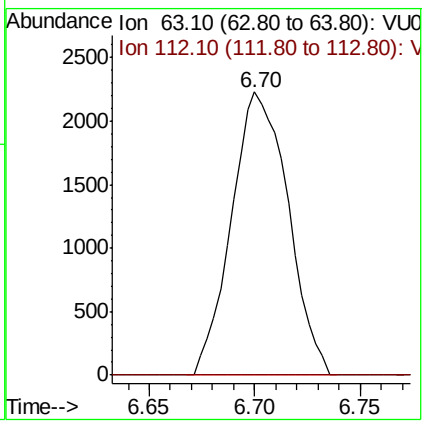


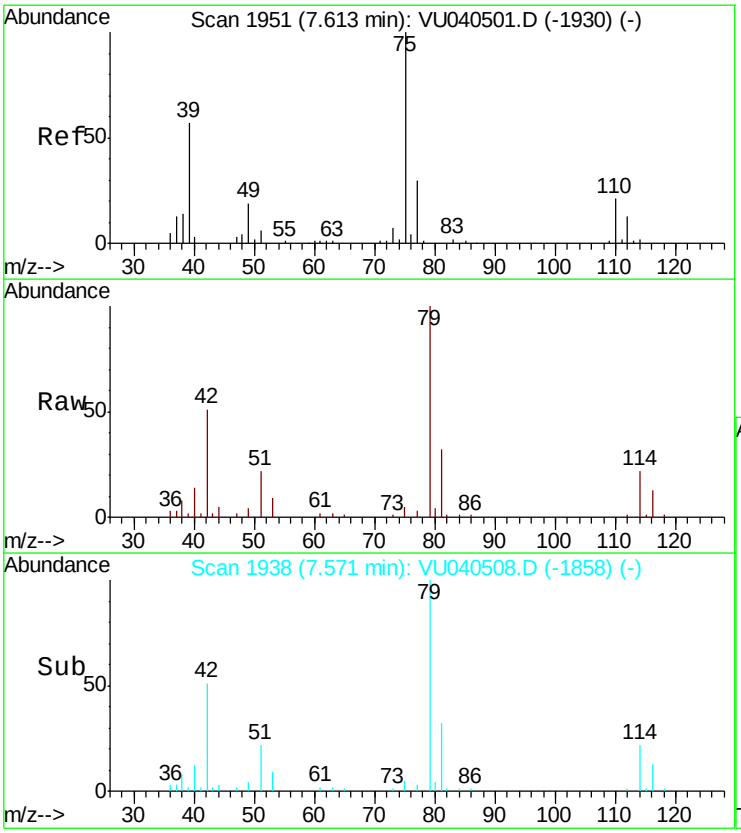
#37
1,2-Dichloropropane
Concen: 0.393 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Instrument : MSVOA_U
ClientSampleId : BFSA3

Tgt Ion: 63 Resp: 4156

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

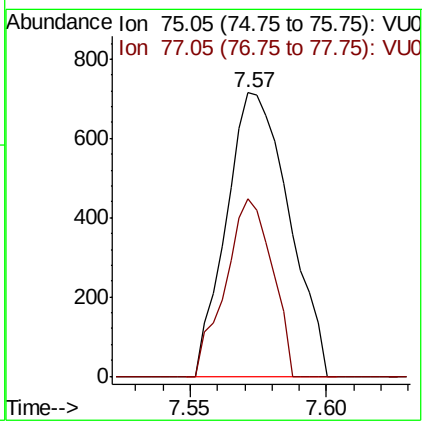


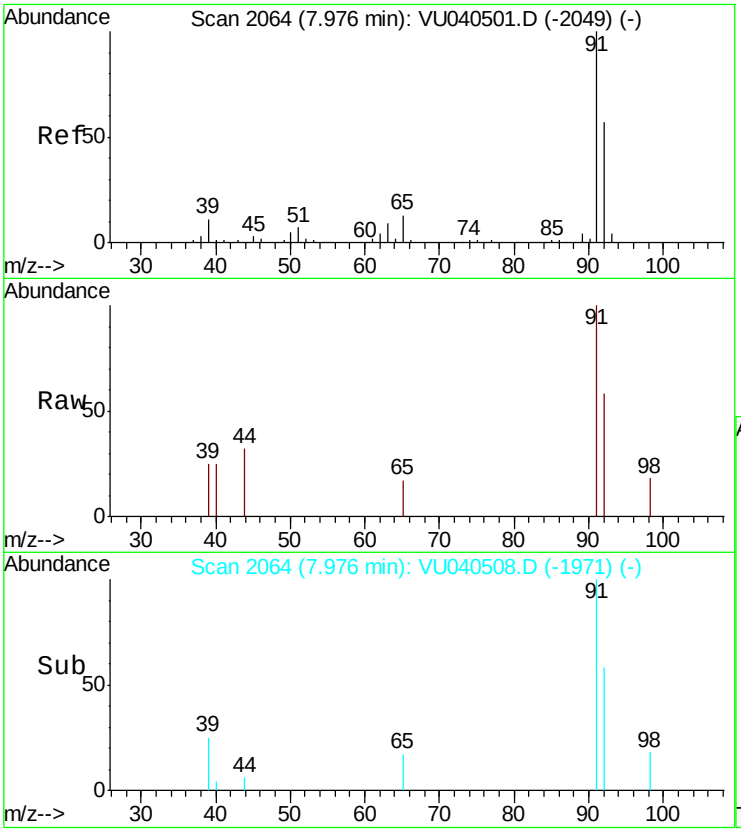


#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Tgt Ion: 75 Resp: 1140

Ion	Ratio	Lower	Upper
75	100		
77	62.8	23.5	43.7#



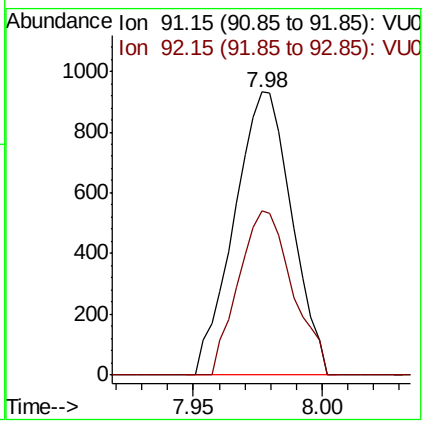


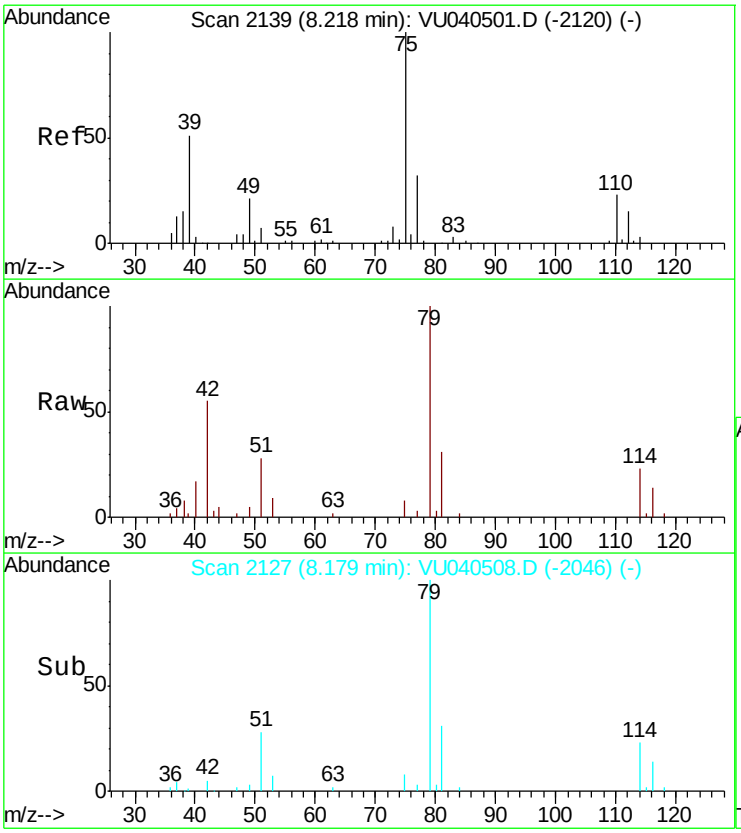
#42
Toluene
Concen: 0.037 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Instrument : MSVOA_U
ClientSampleId : BFSA3

Tgt Ion: 91 Resp: 1449

Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.0	74.4

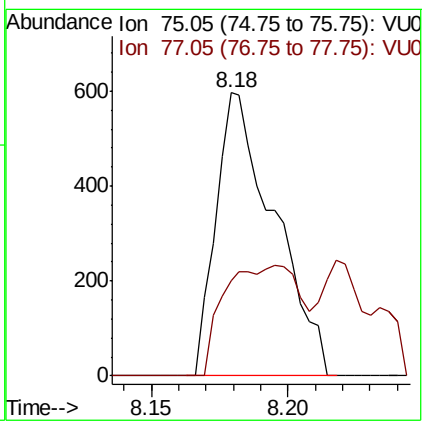


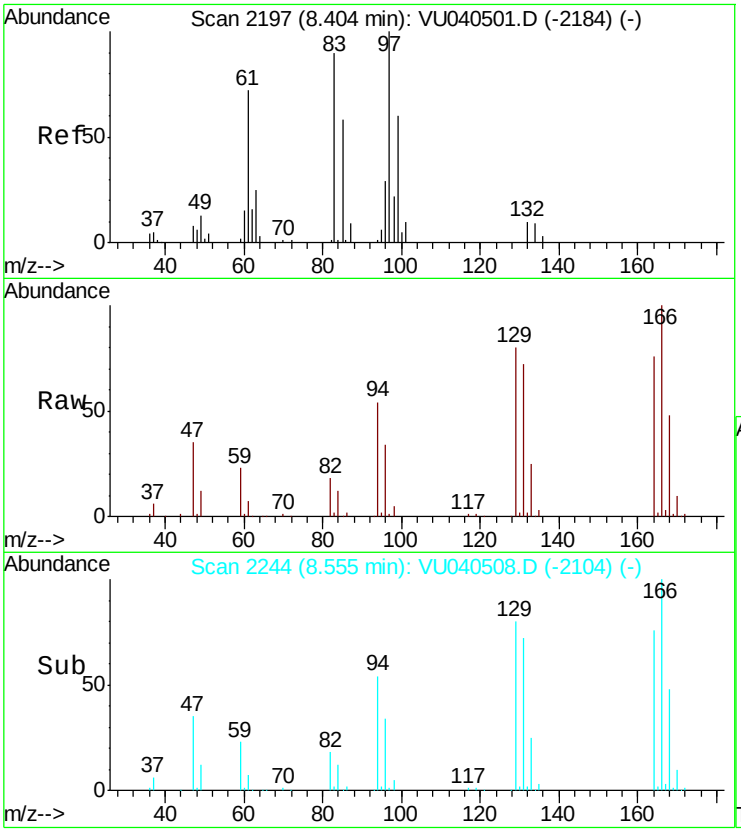


#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Tgt Ion: 75 Resp: 890

Ion	Ratio	Lower	Upper
75	100		
77	33.7	22.3	41.3



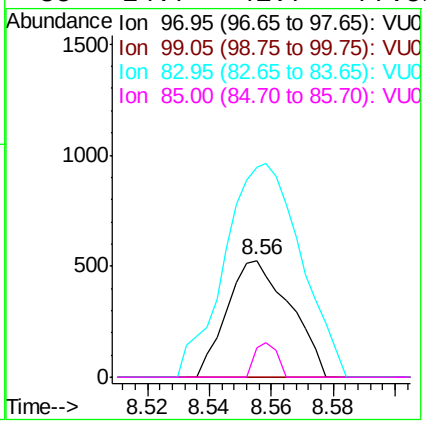


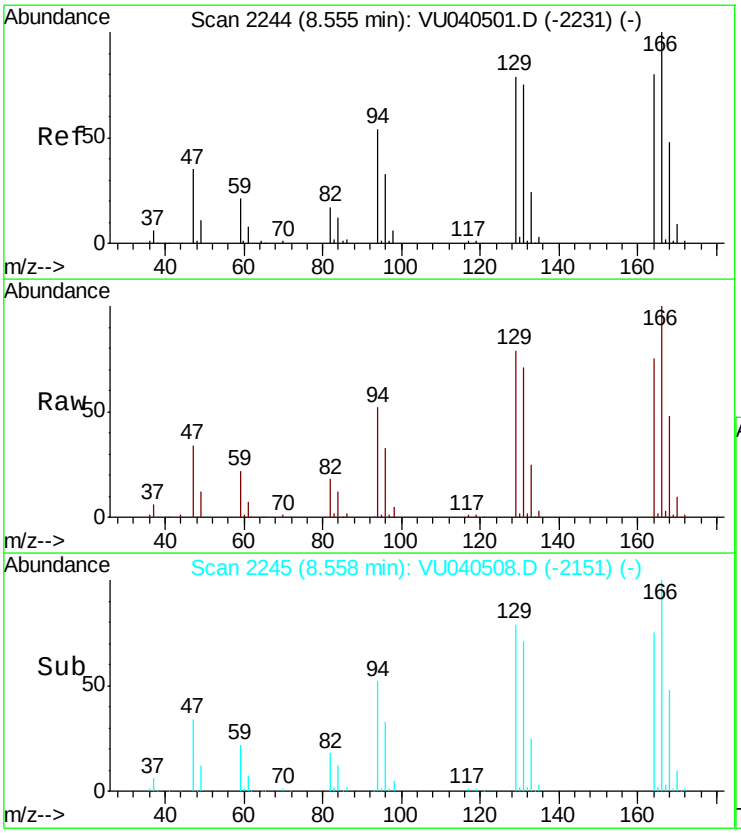
#45
1,1,2-Trichloroethane
Concen: 0.101 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.15 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Instrument :
MSVOA_U
ClientSampleId :
BFSA3

Tgt Ion: 97 Resp: 746

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.0#
83	179.5	62.9	116.9#
85	24.7	41.7	77.5#

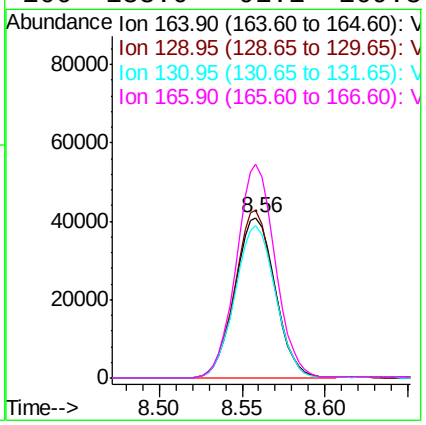


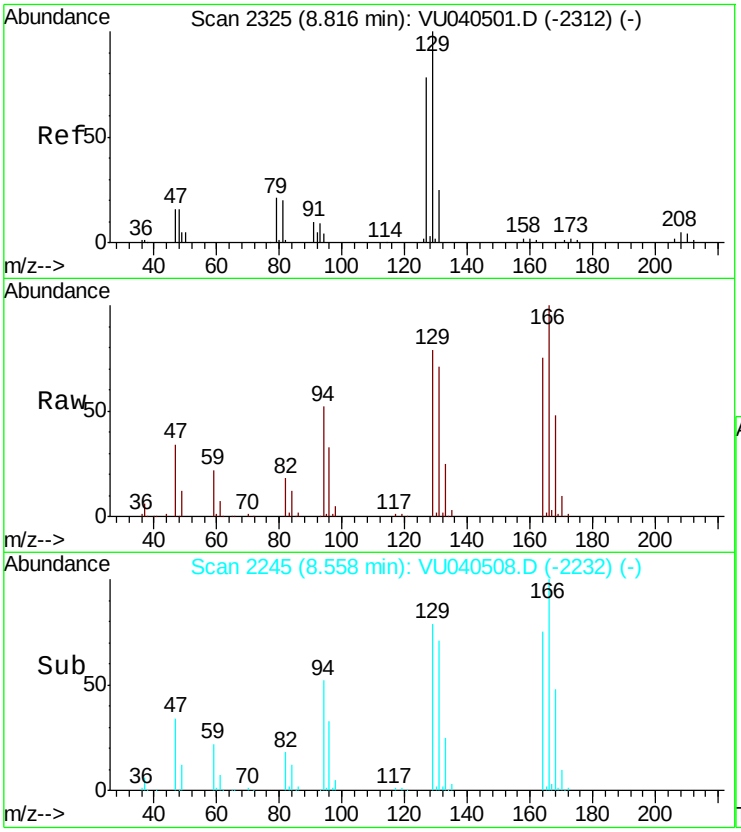


#47
Tetrachloroethene
Concen: 9.694 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Tgt Ion:164 Resp: 69411

Ion	Ratio	Lower	Upper
164	100		
129	104.6	70.3	130.7
131	94.7	69.2	128.6
166	133.0	91.1	169.3



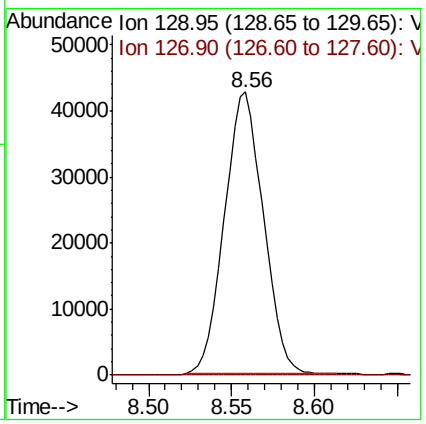


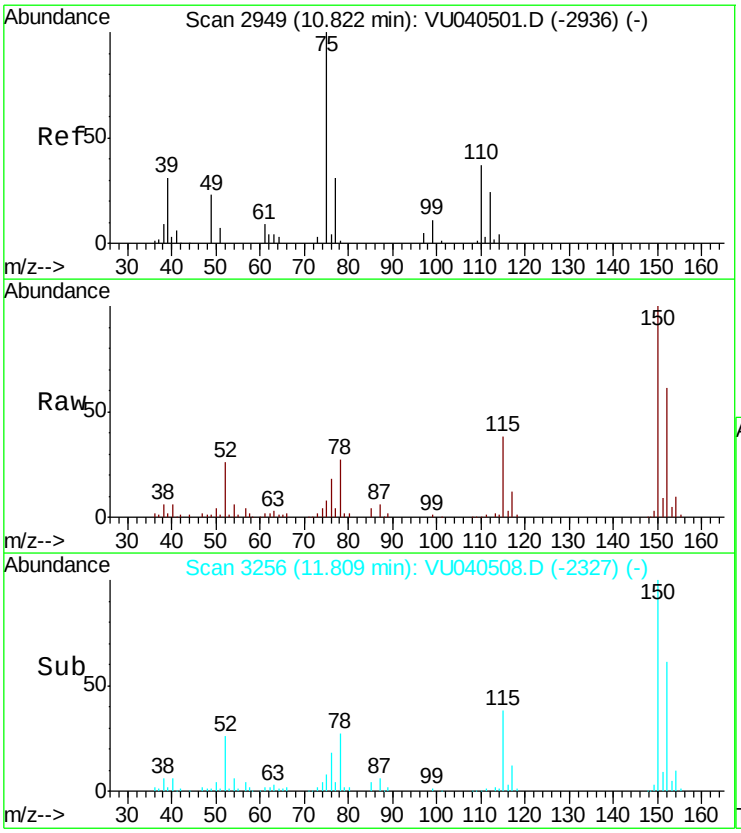
#49
Dibromochloromethane
Concen: 8.096 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Instrument : MSVOA_U
ClientSampleId : BFSA3

Tgt Ion:129 Resp: 69841

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	103.0#





#59
1,2,3-Trichloropropane
Concen: 0.888 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040508.D
Acq: 05 Oct 2020 14:35

Tgt Ion: 75 Resp: 6812

Ion	Ratio	Lower	Upper
75	100		
77	42.4	25.7	38.5#