Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092620\
Data File : VU040307.D
Acq On : 25 Sep 2020 18:14
Operator : SY/MD
Sample : L4147-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA8

Quant Time: Sep 26 06:51:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56696	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	33290	4.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.00%			
7) Chloroethane-d5	1.92	69	32026	5.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.00%			
11) 1,1-Dichloroethene-d2	2.58	63	54490	3.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.80%			
20) 2-Butanone-d5	4.66	46	164329	59.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.70%			
24) Chloroform-d	5.08	84	75567	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	47064	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.74	84	139420	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.70	67	48382	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.91	98	113944	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
43) trans-1,3-Dichloropropene-	8.18	79	18138	4.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%			
46) 2-Hexanone-d5	8.64	63	117141	55.43	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.86%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43631	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47705	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	4807	0.402	ug/L	98
5) Vinyl chloride	1.61	62	711	0.059	ug/L #	1
13) Acetone	2.67	43	13898	5.468	ug/L	76
22) cis-1,2-Dichloroethene	4.69	96	8441	0.750	ug/L	92
25) Chloroform	5.11	83	1422	0.064	ug/L	90
27) 1,2-Dichloroethane	5.75	62	963	0.060	ug/L #	78
33) Benzene	5.78	78	1173	0.026	ug/L	100
35) Methylcyclohexane	6.70	83	10995	0.593	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5467	0.447	ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	1043	0.062	ug/L #	49
47) Tetrachloroethene	8.56	164	23467	2.950	ug/L	97
49) Dibromochloromethane	8.56	129	23684	2.216	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	8240	0.910	ug/L #	88

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

Quantitation Report (Not Reviewed)

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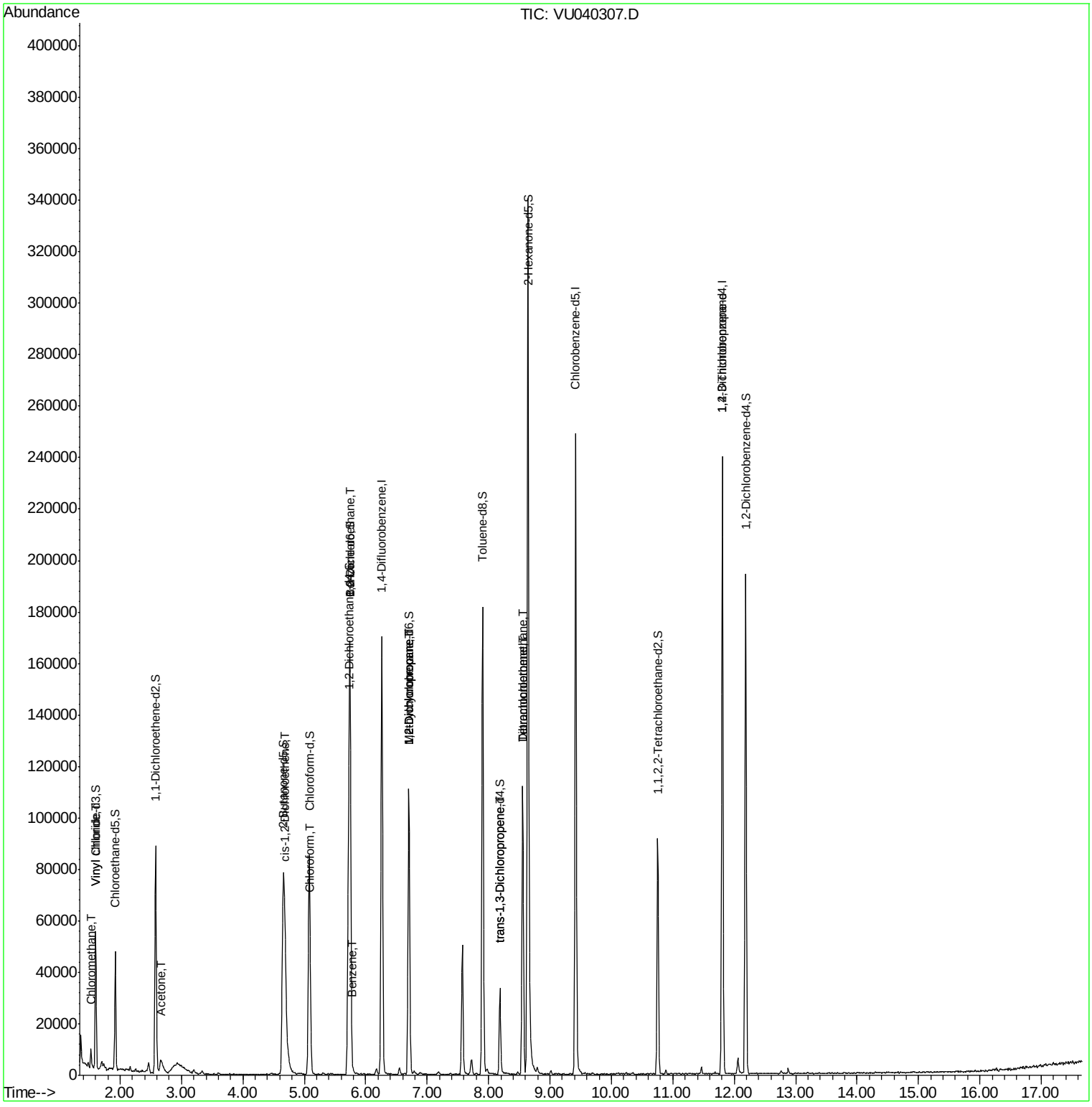
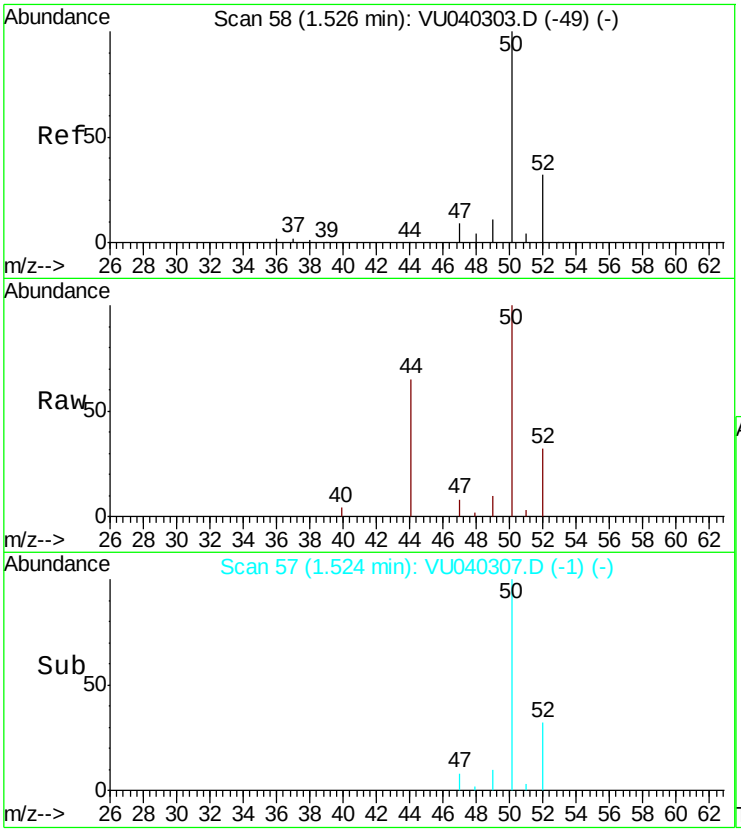
Instrument :
MSVOA_U
ClientSampleId :
BFSA8

Quant Time: Sep 26 06:51:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration



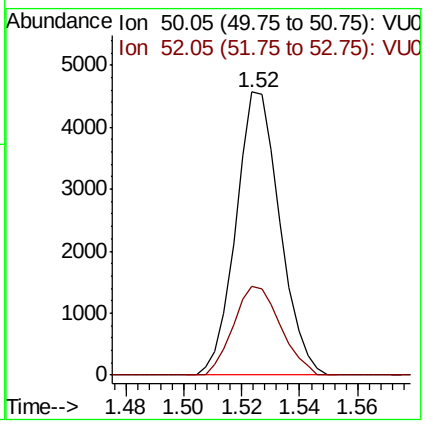


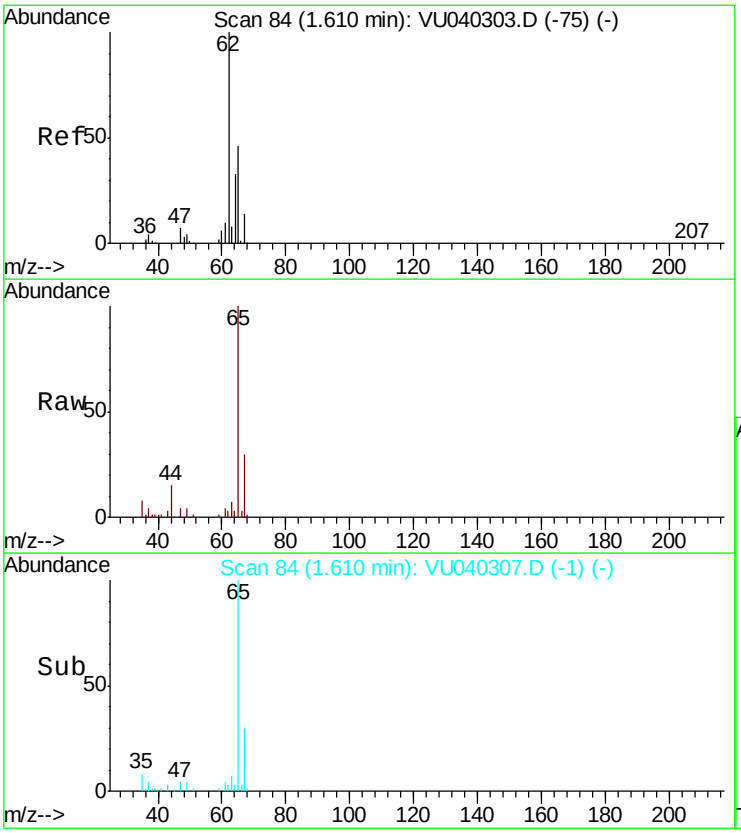
#3
Chloromethane
Concen: 0.402 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Instrument :
MSVOA_U
ClientSampleId :
BFSA8

Tgt Ion: 50 Resp: 4807

Ion	Ratio	Lower	Upper
50	100		
52	31.6	22.8	42.4

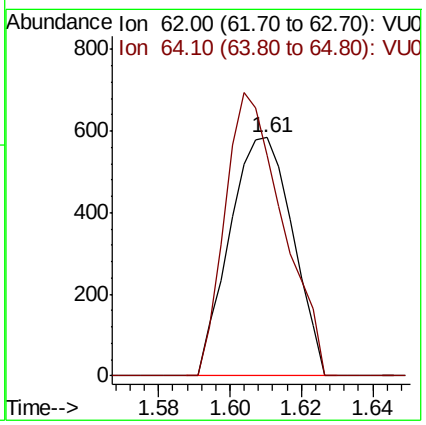


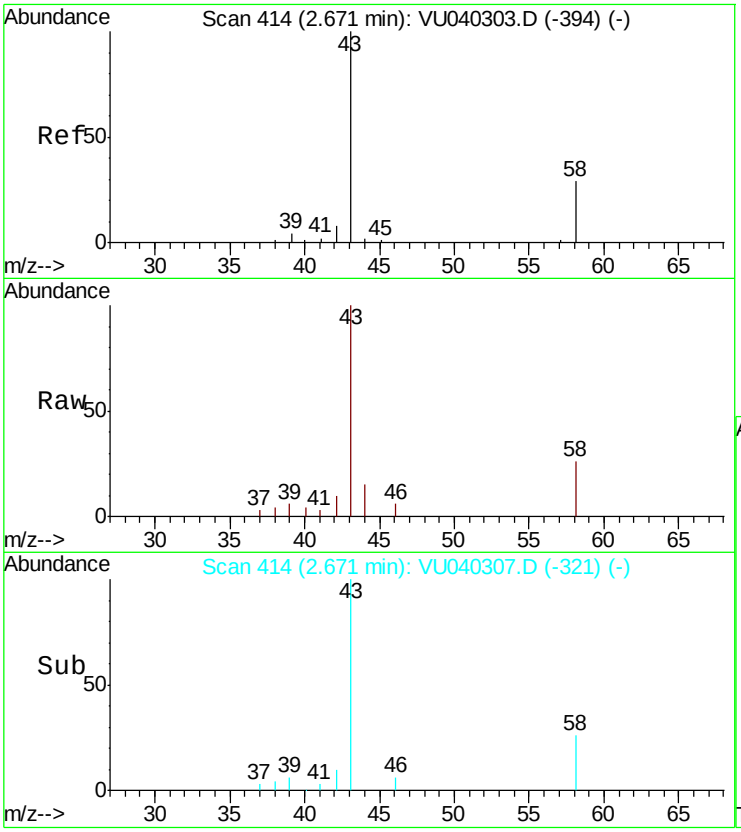


#5
Vinyl chloride
Concen: 0.059 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Tgt Ion: 62 Resp: 711

Ion	Ratio	Lower	Upper
62	100		
64	92.8	23.9	44.3#



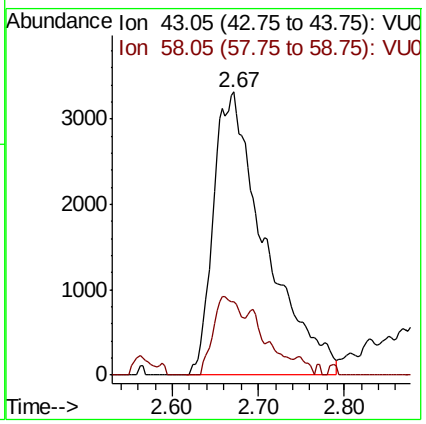


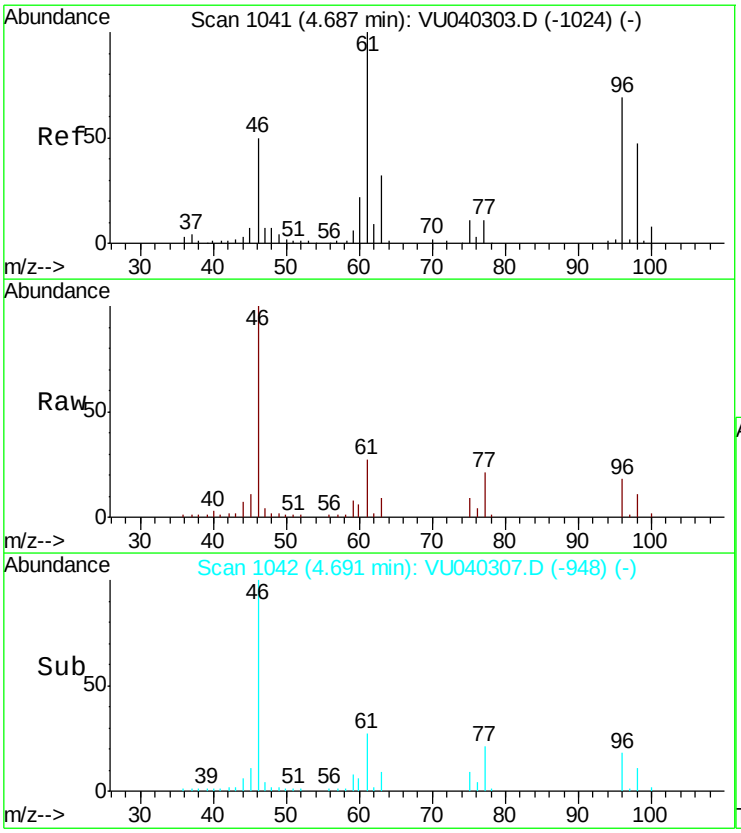
#13
Acetone
Concen: 5.468 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.00 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Instrument :
MSVOA_U
ClientSampleId :
BFSA8

Tgt Ion: 43 Resp: 13898

Ion	Ratio	Lower	Upper
43	100		
58	14.9	0.0	55.4

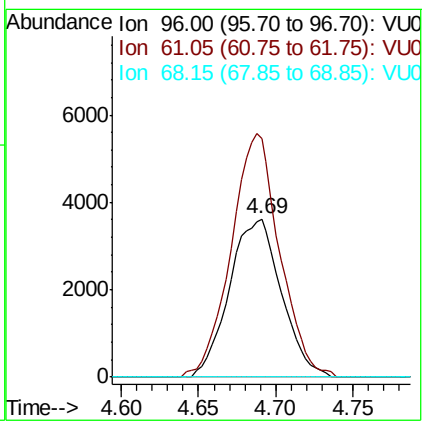


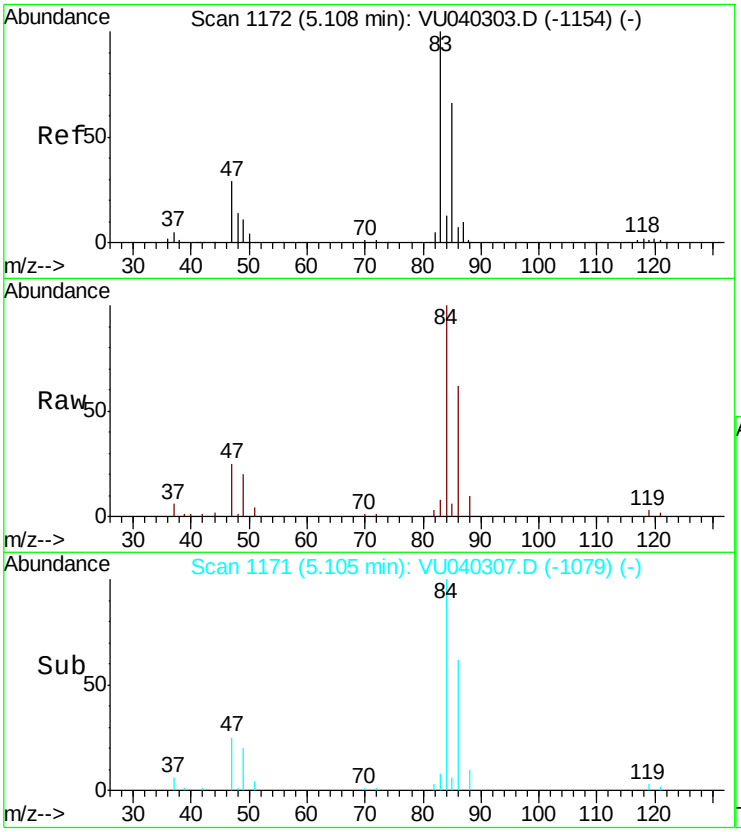


#22
cis-1,2-Dichloroethene
Concen: 0.750 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Tgt Ion: 96 Resp: 8441

Ion	Ratio	Lower	Upper
96	100		
61	151.1	98.8	183.4
68	0.0	0.0	0.0



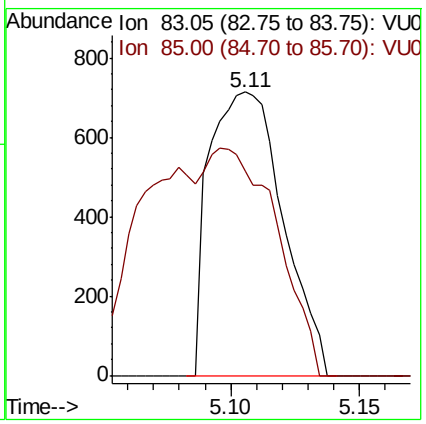


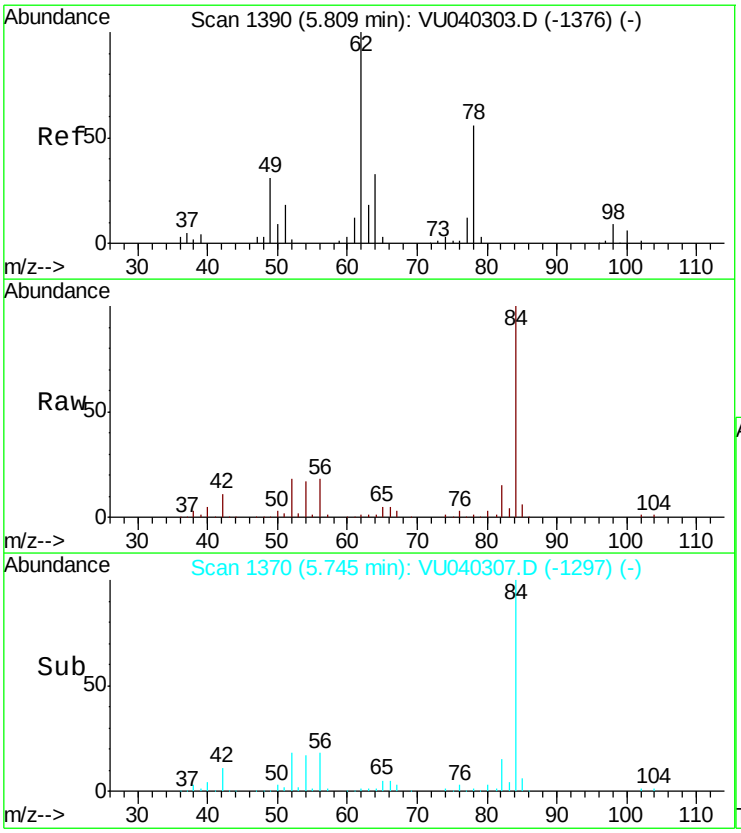
#25
Chloroform
Concen: 0.064 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Instrument : MSVOA_U
ClientSampleId : BFSA8

Tgt Ion: 83 Resp: 1422

Ion	Ratio	Lower	Upper
83	100		
85	72.3	45.3	84.1

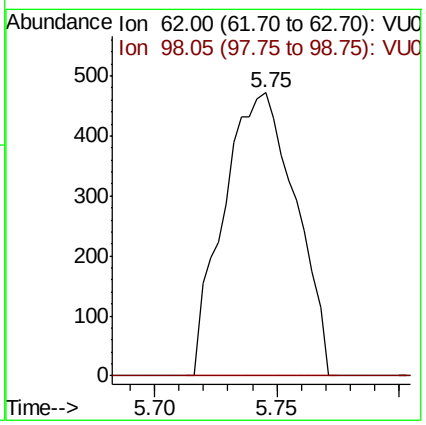


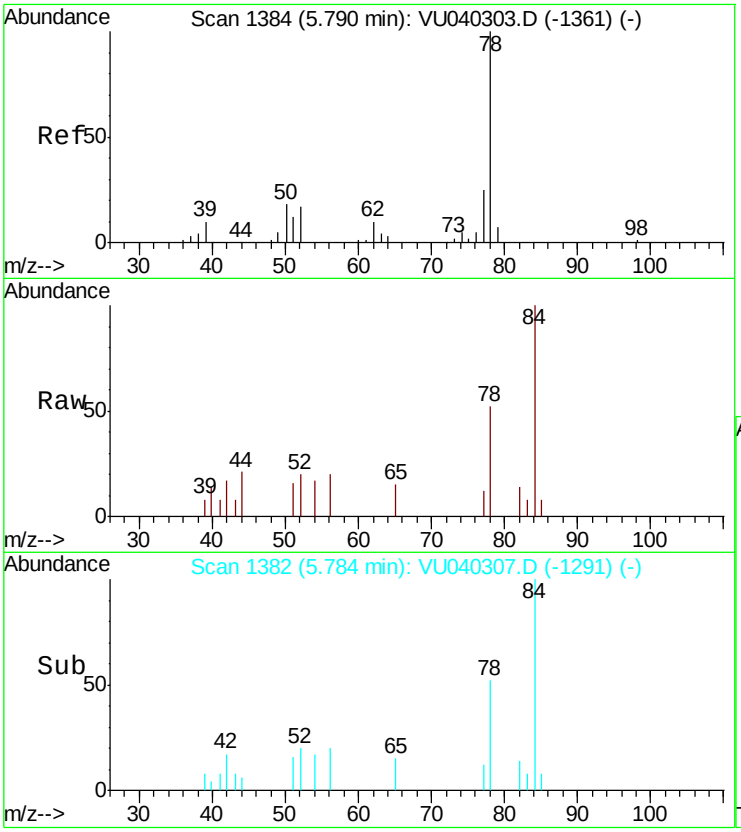


#27
1,2-Dichloroethane
Concen: 0.060 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Tgt Ion: 62 Resp: 963

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.1	9.1#

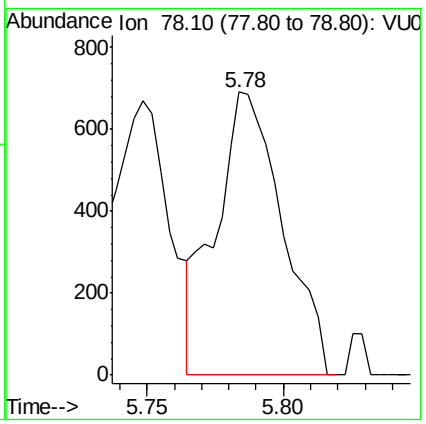


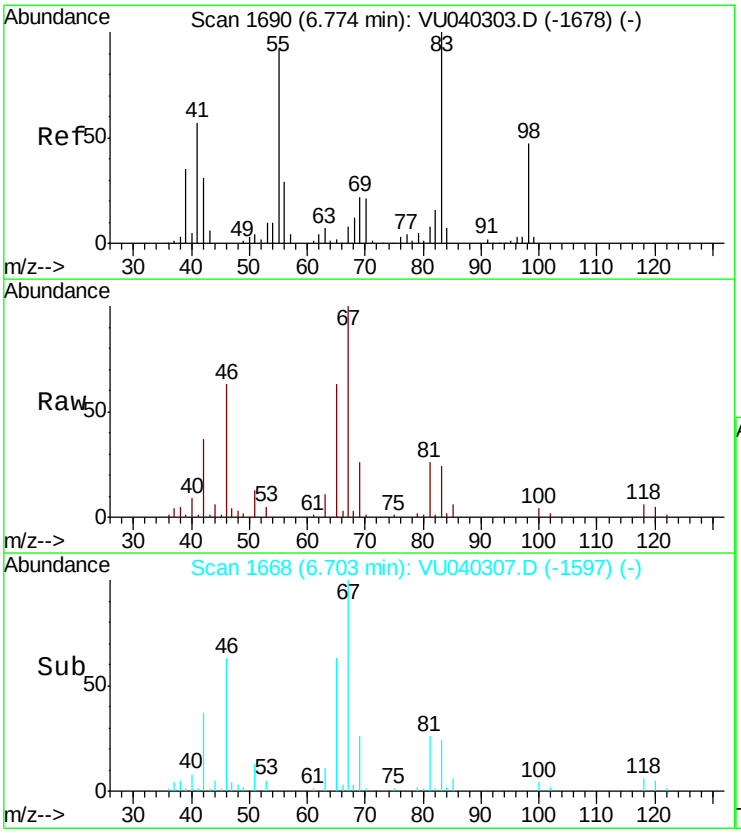


#33
Benzene
Concen: 0.026 ug/L
RT: 5.78 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Instrument :
MSVOA_U
ClientSampleId :
BFSA8

Tgt Ion: 78 Resp: 1173

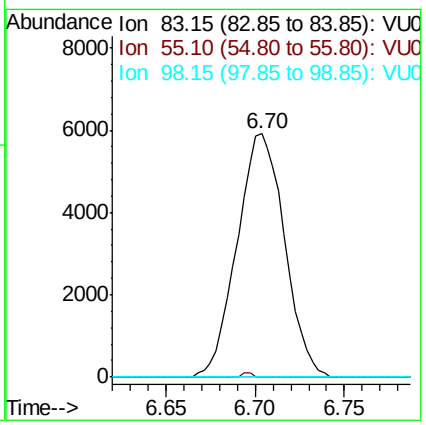


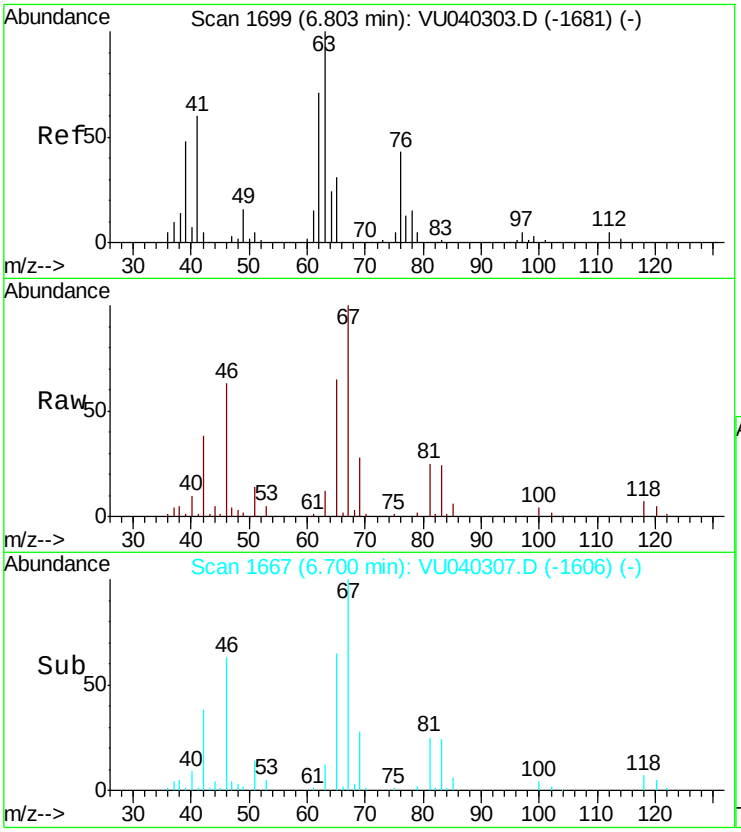


#35
Methylcyclohexane
Concen: 0.593 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Tgt Ion: 83 Resp: 10995

Ion	Ratio	Lower	Upper
83	100		
55	0.4	70.5	105.7#
98	1.4	37.8	56.6#



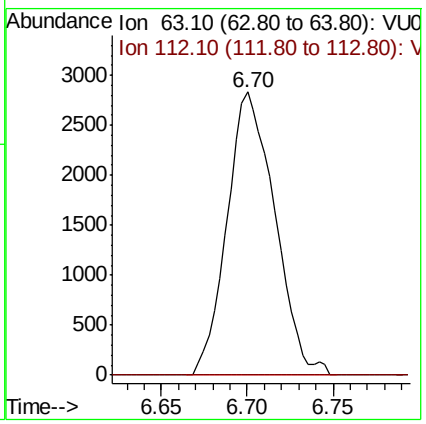


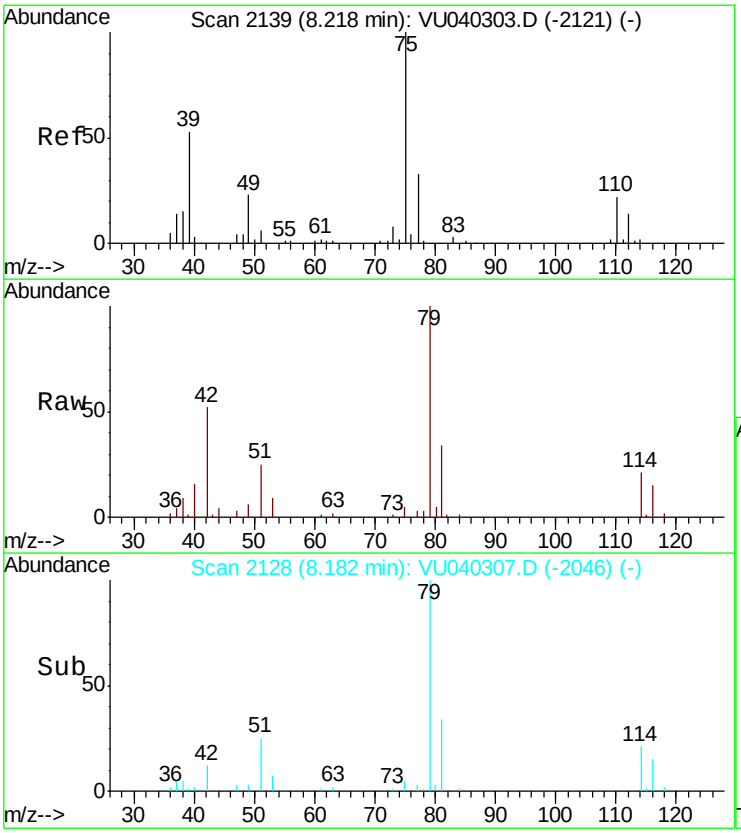
#37
1,2-Dichloropropane
Concen: 0.447 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Instrument :
MSVOA_U
ClientSampleId :
BFSA8

Tgt Ion: 63 Resp: 5467

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

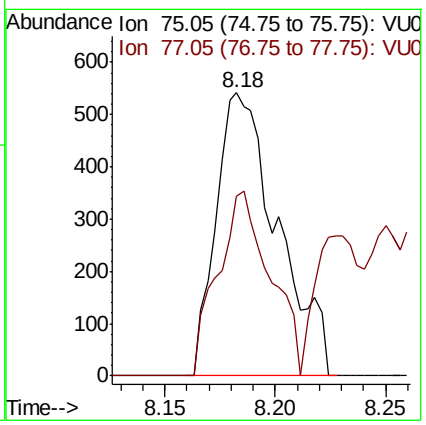


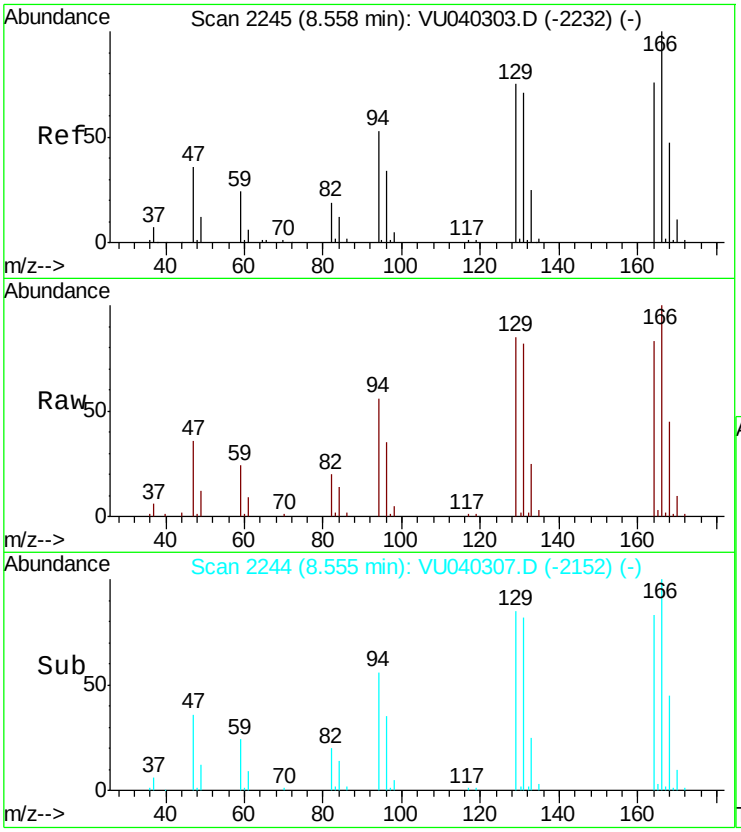


#44
trans-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.04 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Tgt Ion: 75 Resp: 1043

Ion	Ratio	Lower	Upper
75	100		
77	63.3	23.9	44.3#



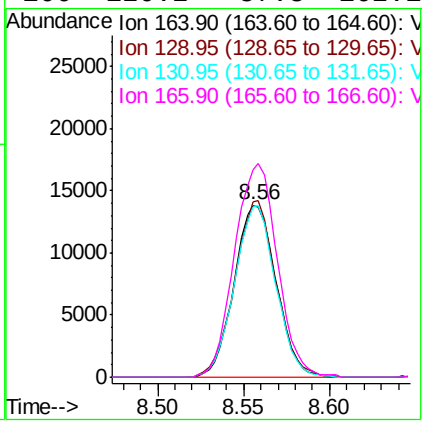


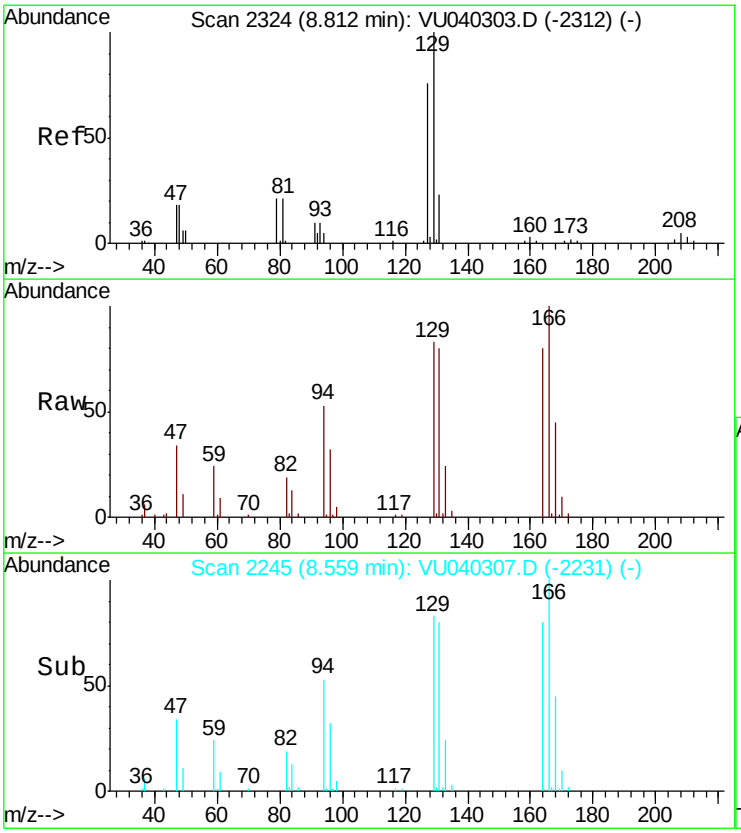
#47
Tetrachloroethene
Concen: 2.950 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Instrument :
MSVOA_U
ClientSampleId :
BFSA8

Tgt Ion:164 Resp: 23467

Ion	Ratio	Lower	Upper
164	100		
129	101.7	71.5	132.7
131	99.0	65.9	122.5
166	120.2	87.3	162.1

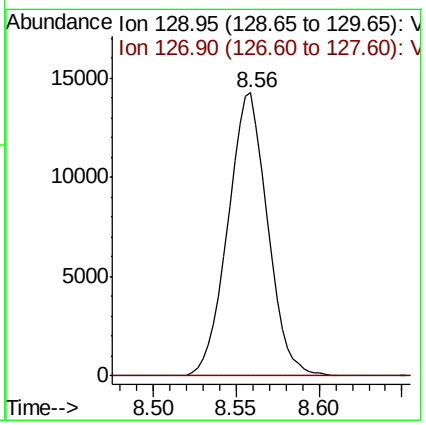


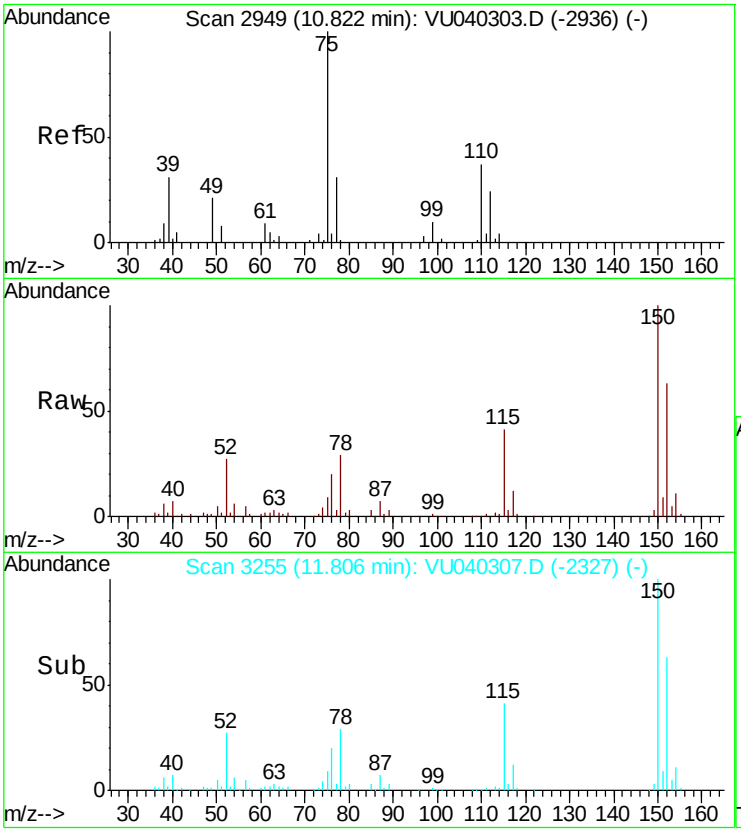


#49
Dibromochloromethane
Concen: 2.216 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Tgt Ion:129 Resp: 23684

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
1,2,3-Trichloropropane
Concen: 0.910 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040307.D
Acq: 25 Sep 2020 18:14

Instrument :
MSVOA_U
ClientSampleId :
BFSA8

Tgt Ion: 75 Resp: 8240

Ion	Ratio	Lower	Upper
75	100		
77	37.6	24.9	37.3#