Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101620\
Data File : VU040766.D
Acq On : 16 Oct 2020 22:52
Operator : SY/MD
Sample : L4423-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSG4

Quant Time: Oct 19 01:21:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 01:19:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116481	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48009	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	35239	3.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.00%			
7) Chloroethane-d5	1.92	69	35347	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.58	63	58901	3.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.40%			
20) 2-Butanone-d5	4.67	46	167132	54.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.22%			
24) Chloroform-d	5.08	84	85984	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.72	65	54105	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.75	84	149905	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.70	67	55250	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.91	98	112452	3.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.00%			
43) trans-1,3-Dichloropropene-	8.19	79	20539	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.64	63	112657	47.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.02%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48483	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47658	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	3661	0.371	ug/L	88
8) Chloroethane	1.93	64	514	0.078	ug/L #	65
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	514	0.053	ug/L #	20
13) Acetone	2.67	43	3309	1.382	ug/L	67
25) Chloroform	5.11	83	2426	0.132	ug/L	80
33) Benzene	5.75	78	1140	0.029	ug/L	100
35) Methylcyclohexane	6.70	83	12880	0.890	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6523	0.594	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1271	0.085	ug/L #	80
44) trans-1,3-Dichloropropene	8.19	75	1018	0.074	ug/L #	58
47) Tetrachloroethene	8.56	164	21815	2.995	ug/L	98
48) 2-Hexanone	8.64	43	15645	2.402	ug/L #	76
49) Dibromochloromethane	8.56	129	22372	2.366	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	6497	0.806	ug/L	96

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

Quantitation Report (Not Reviewed)

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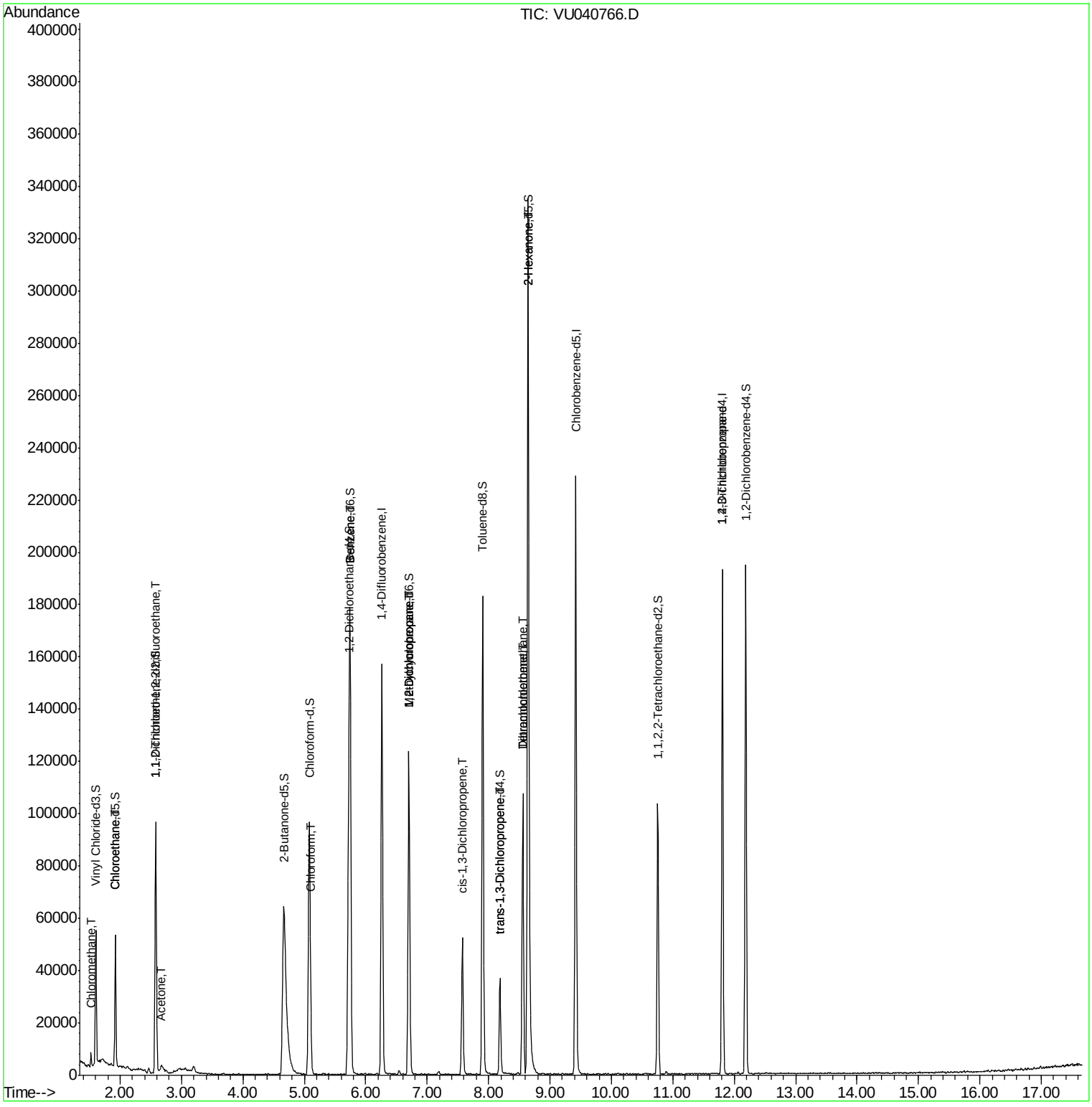
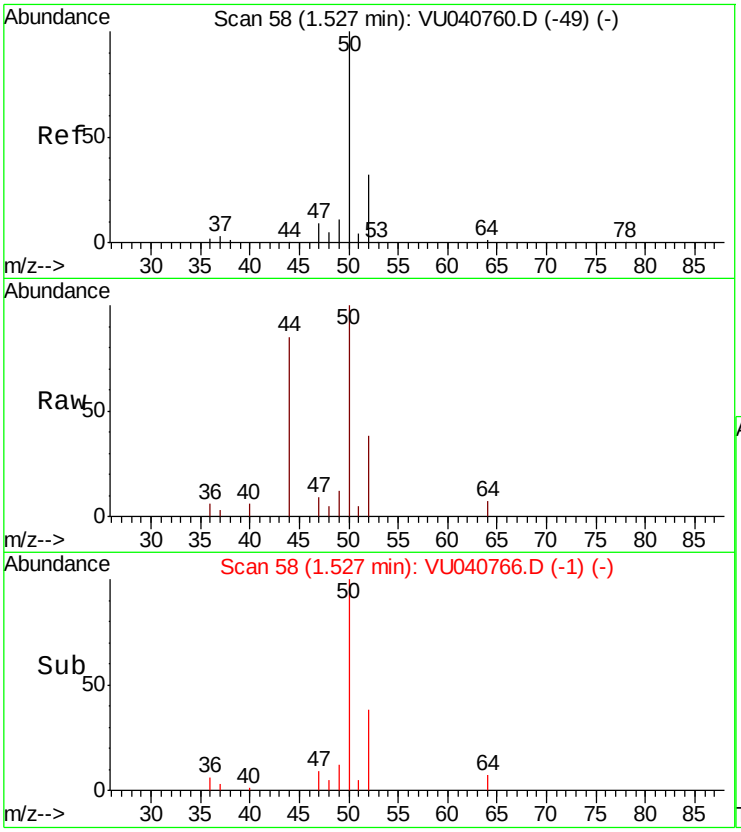
Instrument : MSVOA_U
ClientSampleId : BFSG4

Quant Time: Oct 19 01:21:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 01:19:29 2020
Response via : Initial Calibration



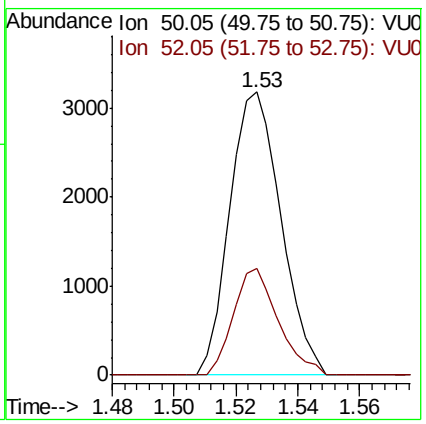


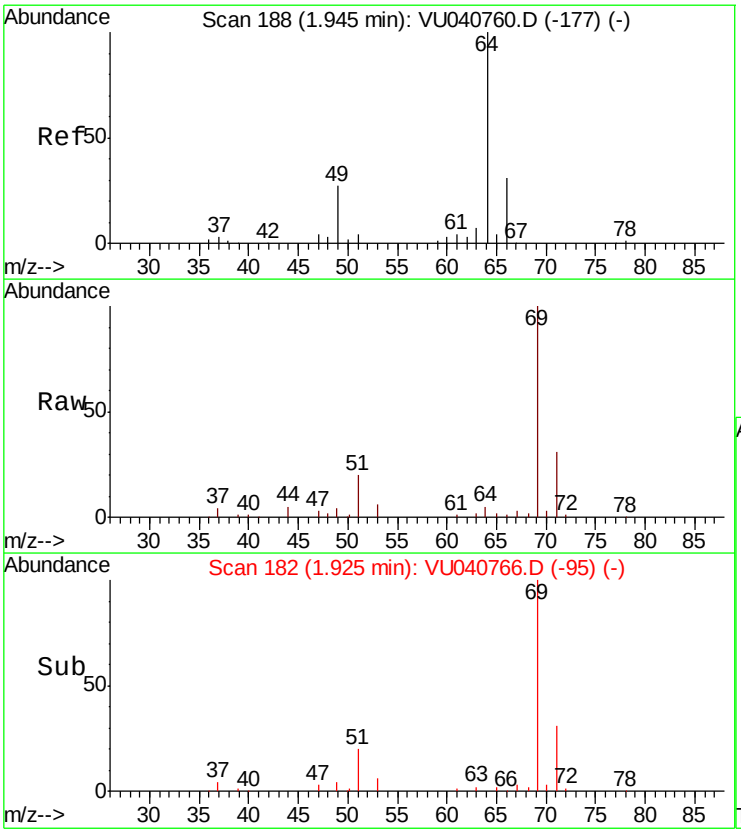
#3
Chloromethane
Concen: 0.371 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Instrument :
MSVOA_U
ClientSampleId :
BFSG4

Tgt Ion: 50 Resp: 3661

Ion	Ratio	Lower	Upper
50	100		
52	37.7	21.9	40.7

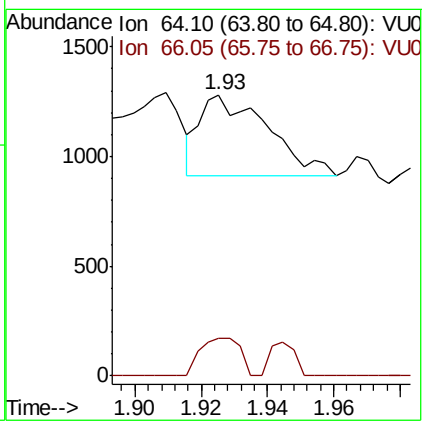


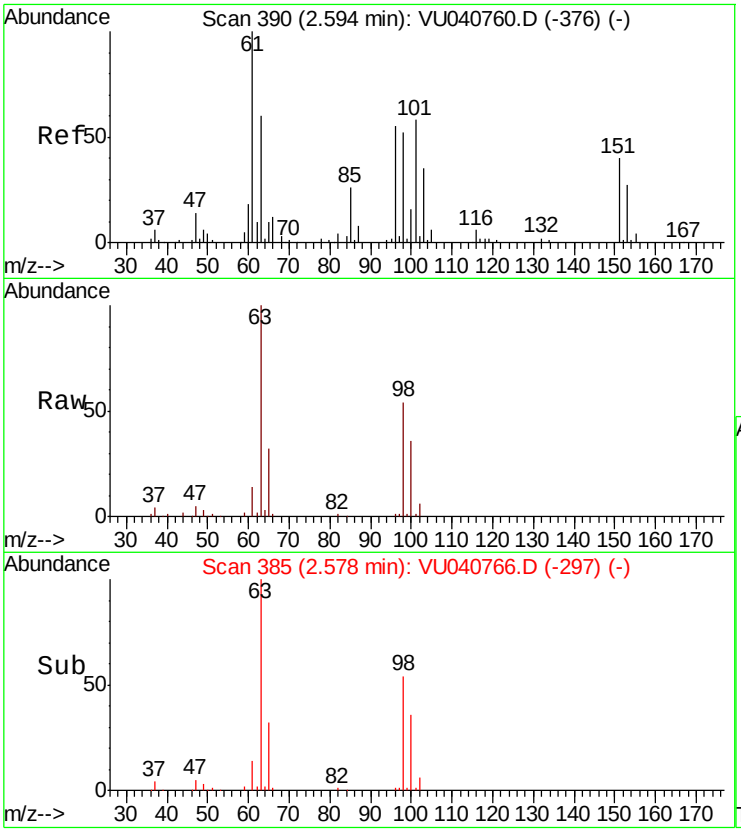


#8
Chloroethane
Concen: 0.078 ug/L
RT: 1.93 min Scan# 182
Delta R.T. -0.02 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Tgt Ion: 64 Resp: 514

Ion	Ratio	Lower	Upper
64	100		
66	13.5	23.3	43.3#



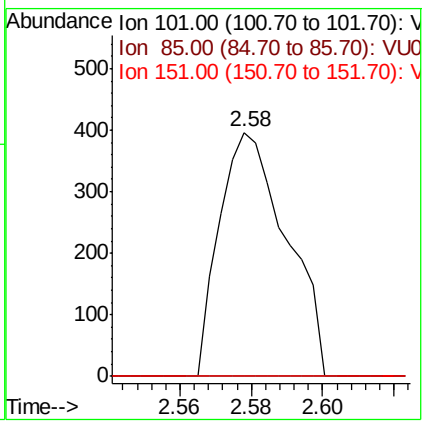


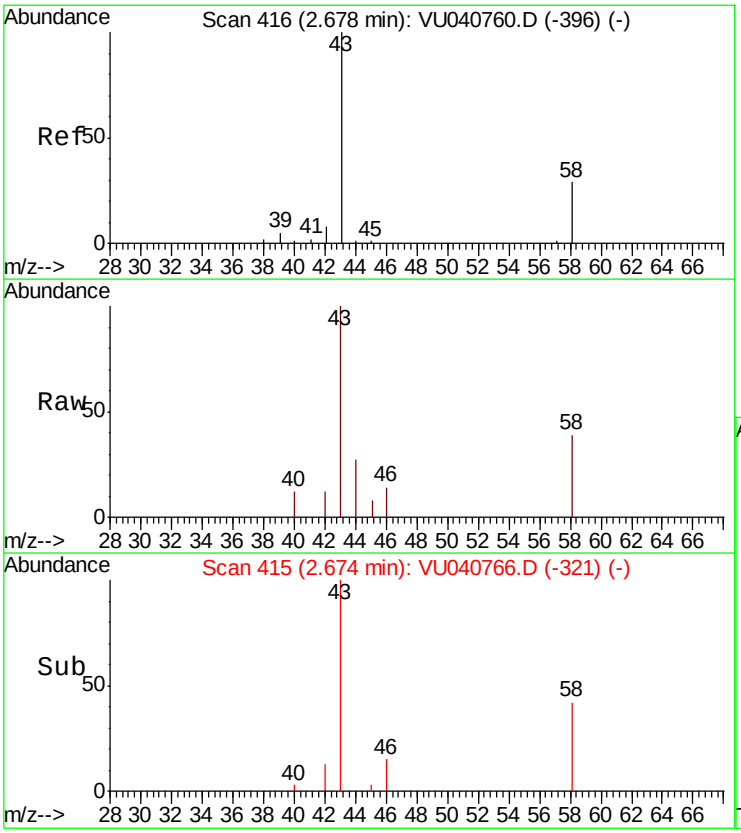
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Instrument :
MSVOA_U
ClientSampleId :
BFSG4

Tgt Ion:101 Resp: 514

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

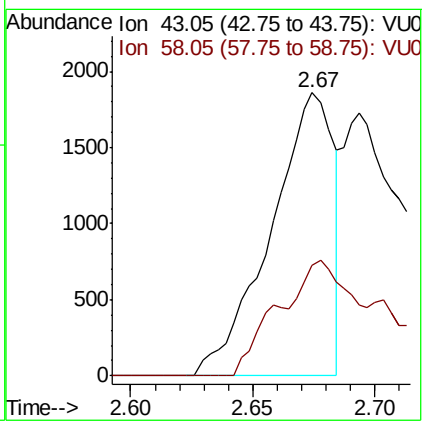


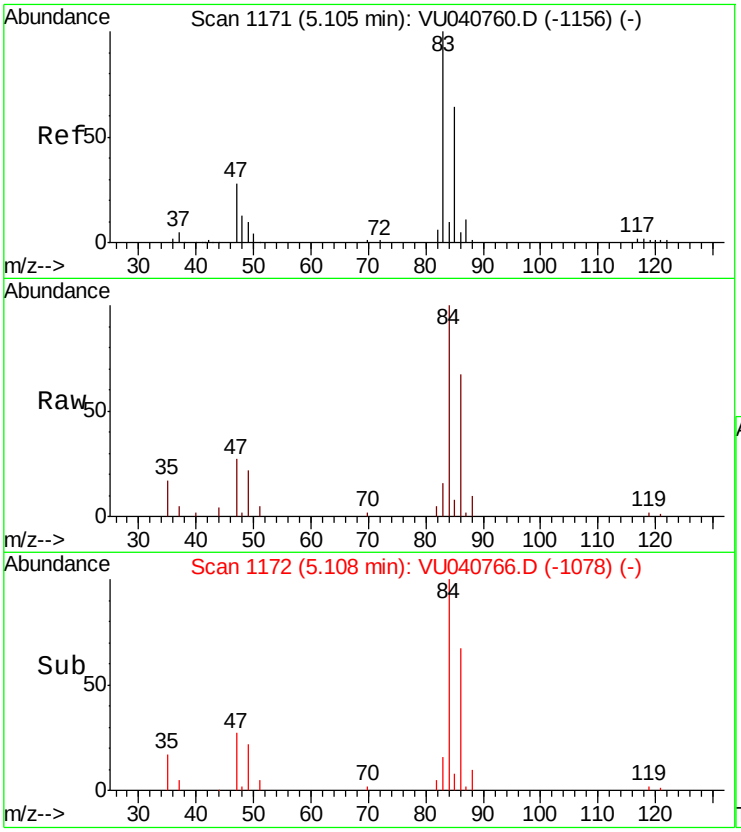


#13
Acetone
Concen: 1.382 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.00 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Tgt Ion: 43 Resp: 3309

Ion	Ratio	Lower	Upper
43	100		
58	48.4	0.0	60.6



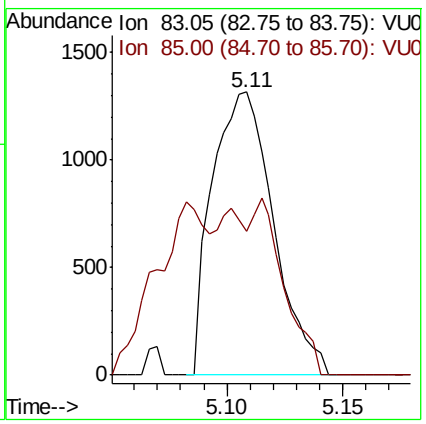


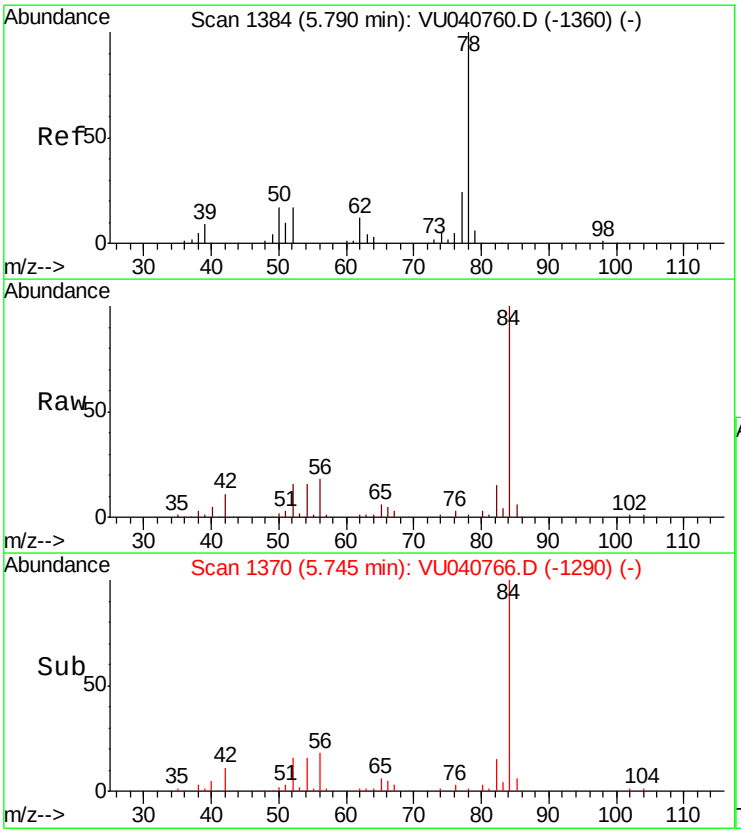
#25
Chloroform
Concen: 0.132 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Instrument :
MSVOA_U
ClientSampleId :
BFSG4

Tgt Ion: 83 Resp: 2426

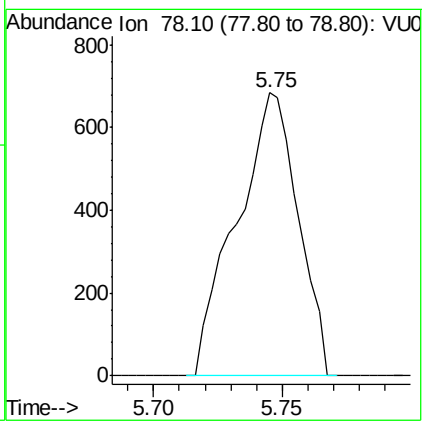
Ion	Ratio	Lower	Upper
83	100		
85	50.8	46.5	86.5

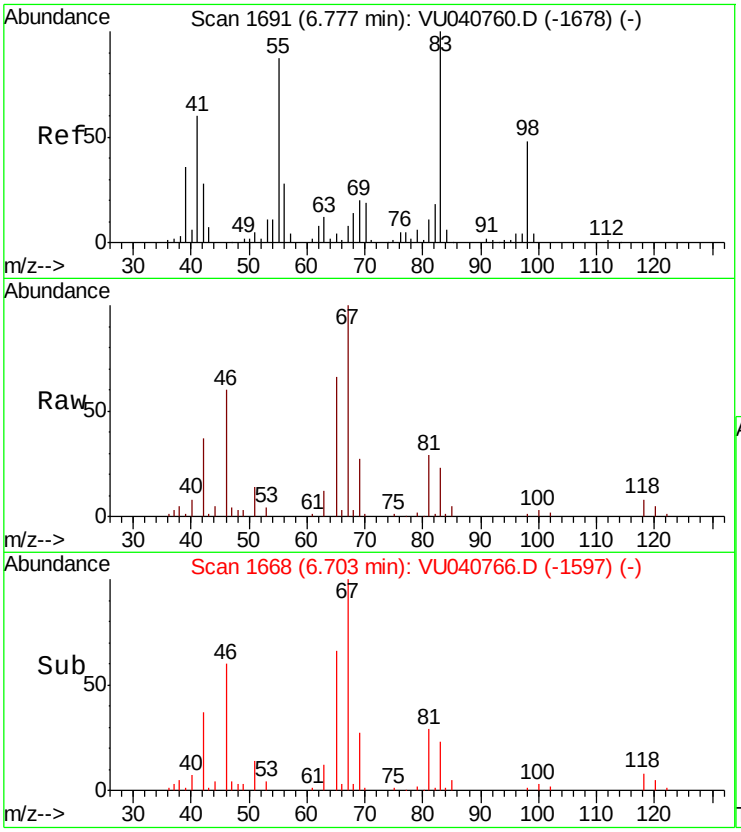




#33
Benzene
Concen: 0.029 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Tgt Ion: 78 Resp: 1140



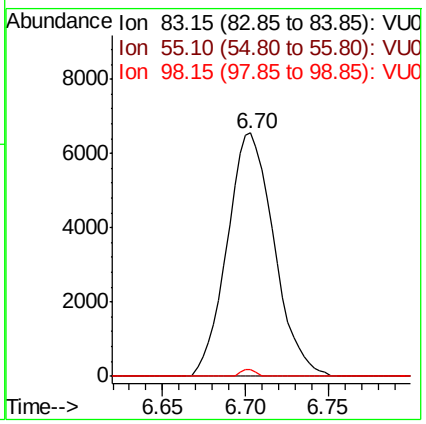


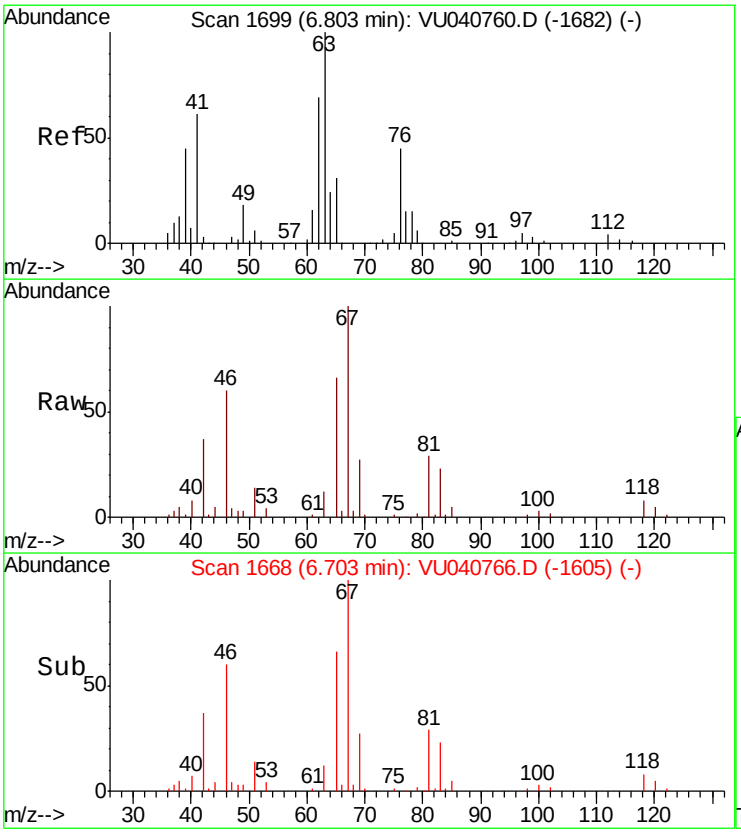
#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Instrument :
MSVOA_U
ClientSampleId :
BFSG4

Tgt Ion: 83 Resp: 12880

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

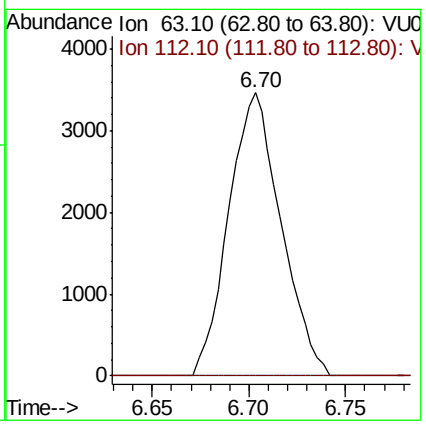


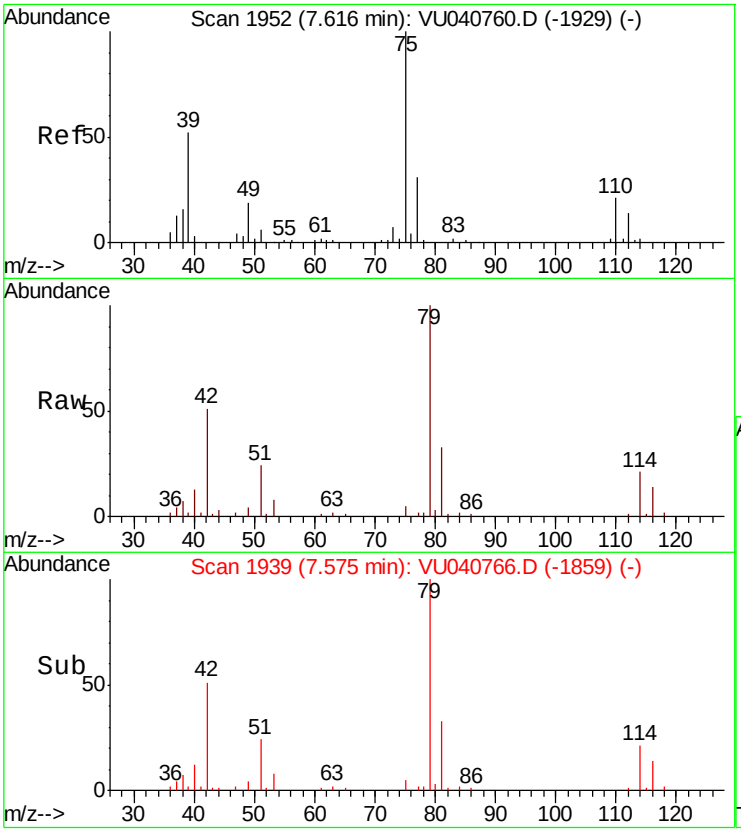


#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Tgt Ion: 63 Resp: 6523

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



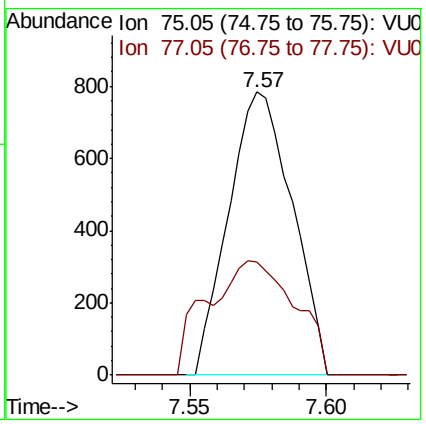


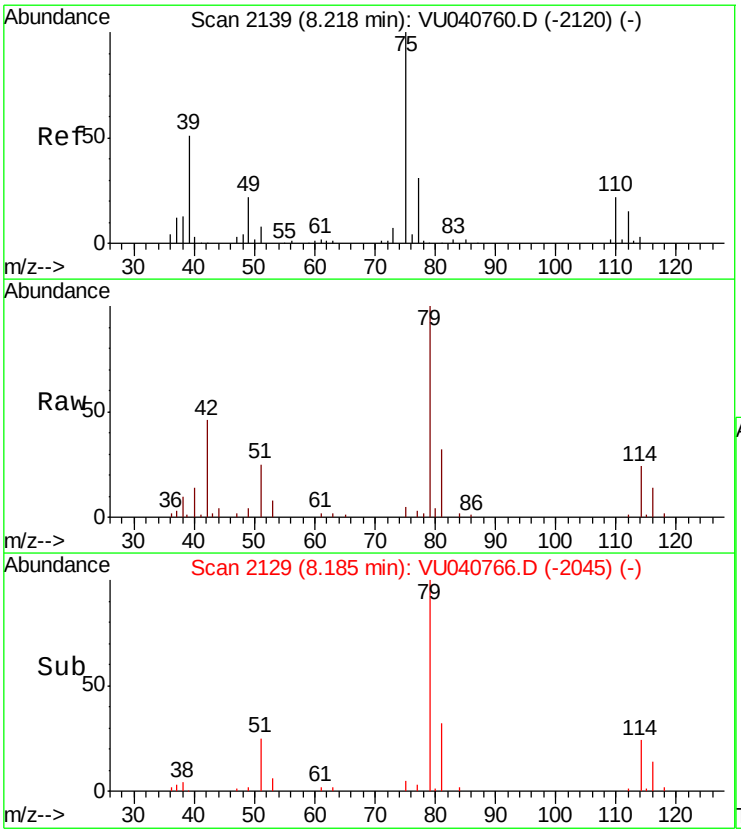
#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Instrument :
MSVOA_U
ClientSampleId :
BFSG4

Tgt Ion: 75 Resp: 1271

Ion	Ratio	Lower	Upper
75	100		
77	40.1	20.5	38.1#

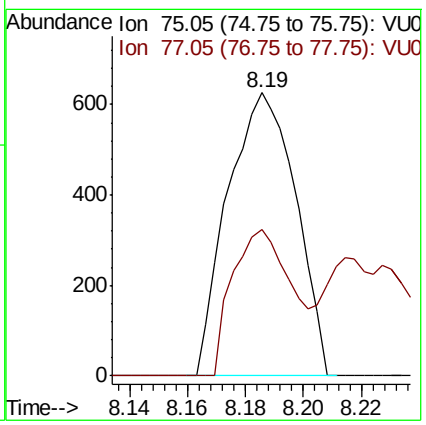


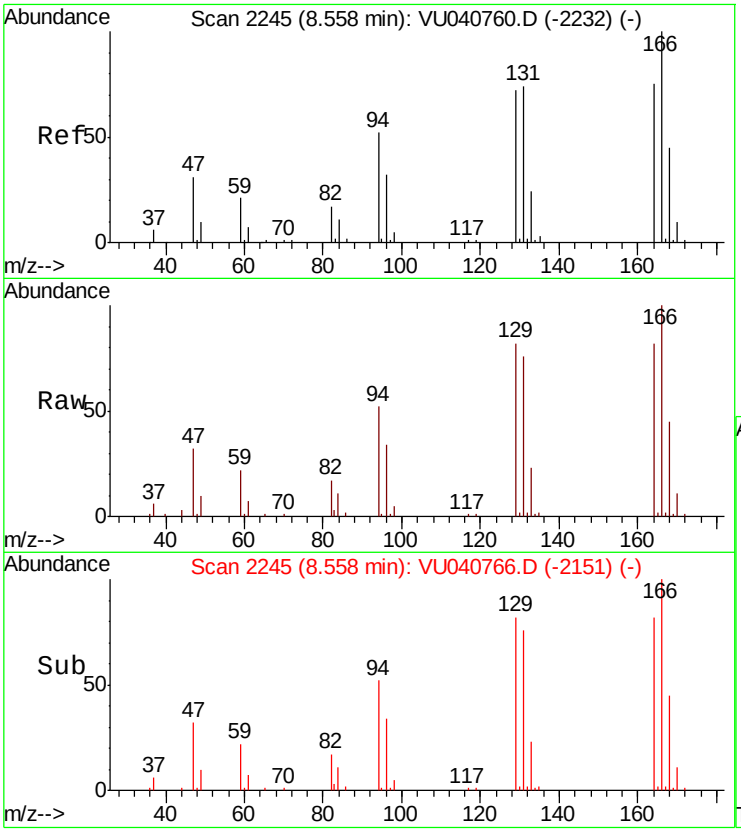


#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Tgt Ion: 75 Resp: 1018

Ion	Ratio	Lower	Upper
75	100		
77	51.8	20.4	38.0#



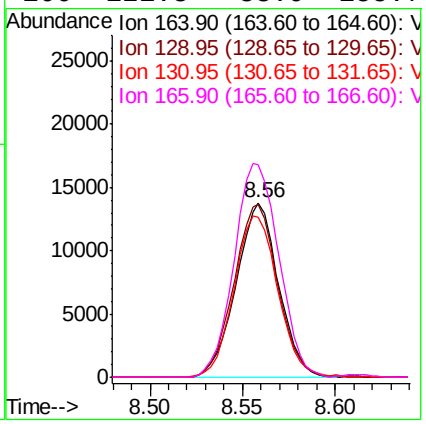


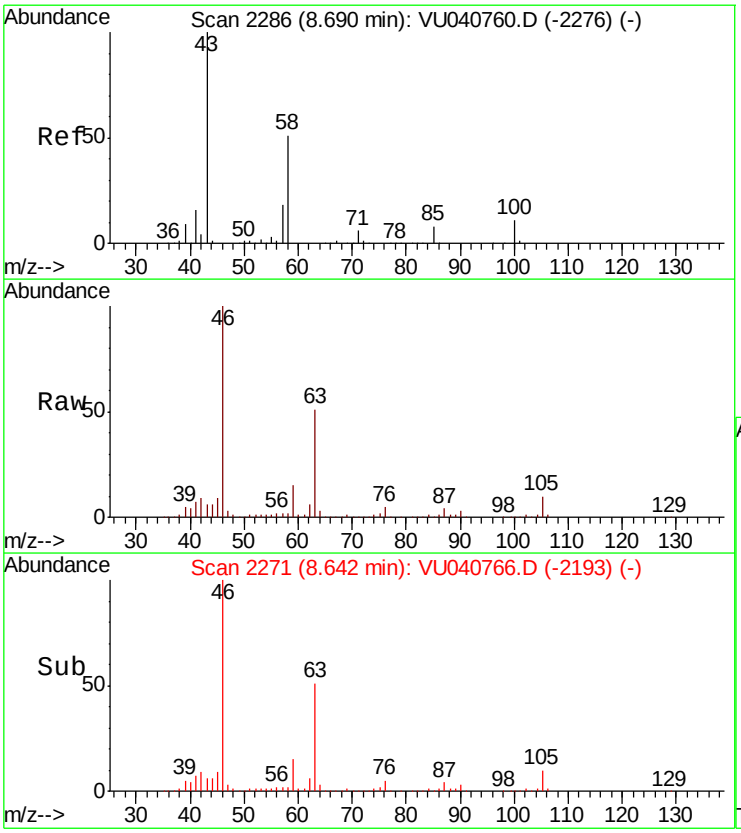
#47
Tetrachloroethene
Concen: 2.995 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Instrument : MSVOA_U
ClientSampleId : BFSG4

Tgt Ion:164 Resp: 21815

Ion	Ratio	Lower	Upper
164	100		
129	99.2	68.8	127.8
131	91.9	66.7	123.9
166	121.3	83.9	155.7

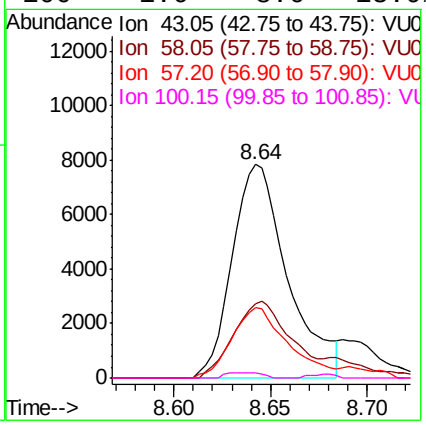


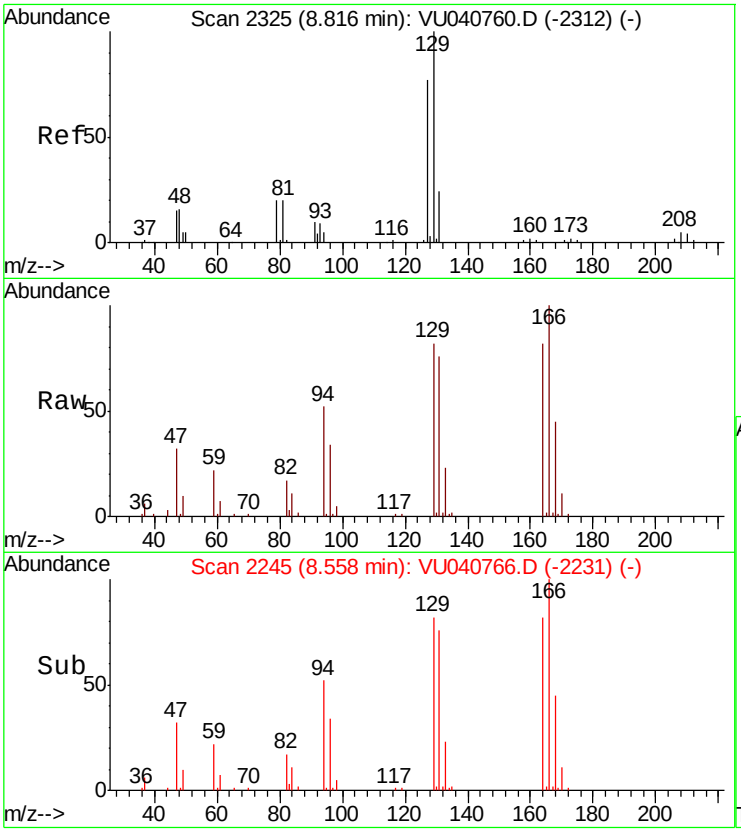


#48
2-Hexanone
Concen: 2.402 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Tgt Ion: 43 Resp: 15645

Ion	Ratio	Lower	Upper
43	100		
58	37.0	41.0	61.6#
57	33.4	14.4	21.6#
100	1.6	8.6	13.0#



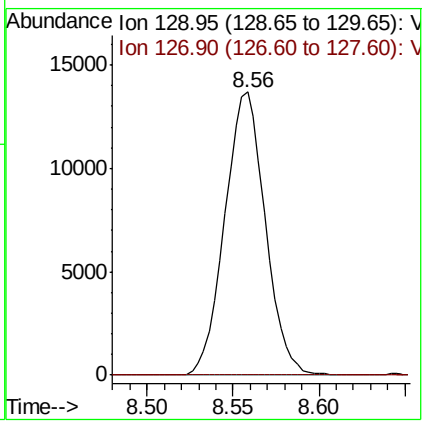


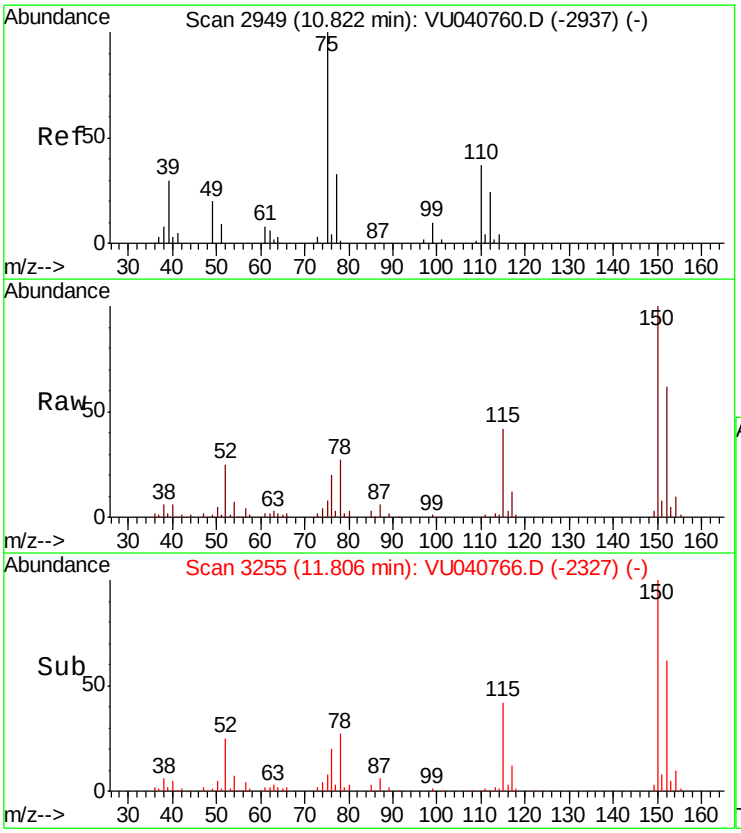
#49
Dibromochloromethane
Concen: 2.366 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Instrument :
MSVOA_U
ClientSampleId :
BFSG4

Tgt Ion:129 Resp: 22372

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#





#59
1,2,3-Trichloropropane
Concen: 0.806 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040766.D
Acq: 16 Oct 2020 22:52

Tgt Ion: 75 Resp: 6497

Ion	Ratio	Lower	Upper
75	100		
77	35.5	26.4	39.6