Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
Data File : VU041247.D
Acq On : 16 Nov 2020 14:57
Operator : SY/MD
Sample : L4754-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BW3

Quant Time: Nov 17 07:15:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70479	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29003	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	24575	4.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.80%			
7) Chloroethane-d5	1.92	69	23276	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.00%			
11) 1,1-Dichloroethene-d2	2.58	63	38182	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	4.65	46	106036	49.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.22%			
24) Chloroform-d	5.08	84	54020	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.72	65	34192	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.74	84	95208	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.70	67	34568	5.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.40%			
41) Toluene-d8	7.91	98	80036	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloropropene-	8.19	79	11954	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	8.64	63	76344	51.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.22%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30830	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	29060	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	1015	0.162	ug/L	92
8) Chloroethane	1.94	64	316	0.078	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	301	0.058	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	256	0.056	ug/L #	1
13) Acetone	2.66	43	2974	2.097	ug/L	88
27) 1,2-Dichloroethane	5.74	62	590	0.076	ug/L #	74
33) Benzene	5.74	78	591	0.031	ug/L	100
35) Methylcyclohexane	6.70	83	7788	1.156	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	4231	0.771	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	798	0.104	ug/L	91
44) trans-1,3-Dichloropropene	8.18	75	583	0.081	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	3841	0.888	ug/L	91

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

Quantitation Report (Not Reviewed)

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Operator : SY/MD
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Instrument : MSVOA_U
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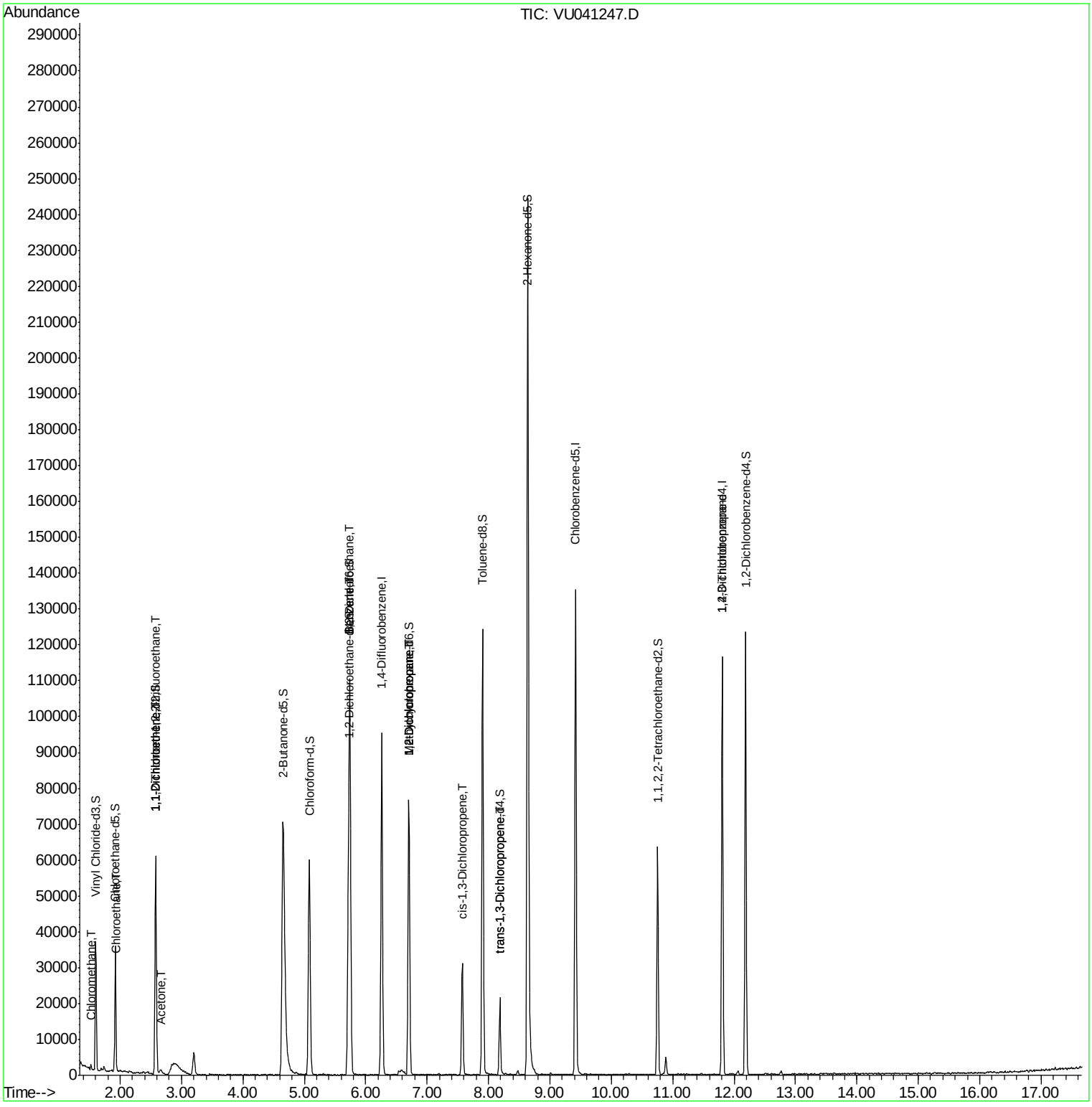
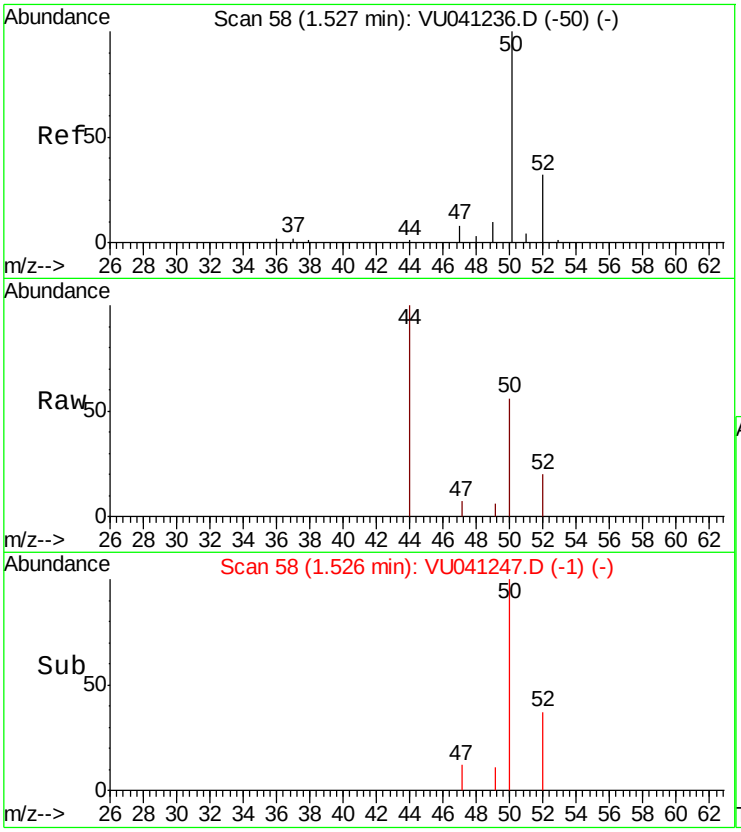
Quant Time: Nov 17 07:15:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration



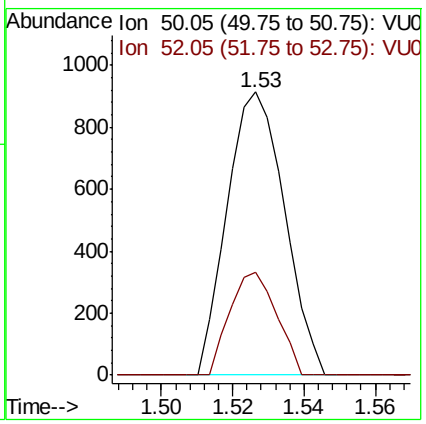


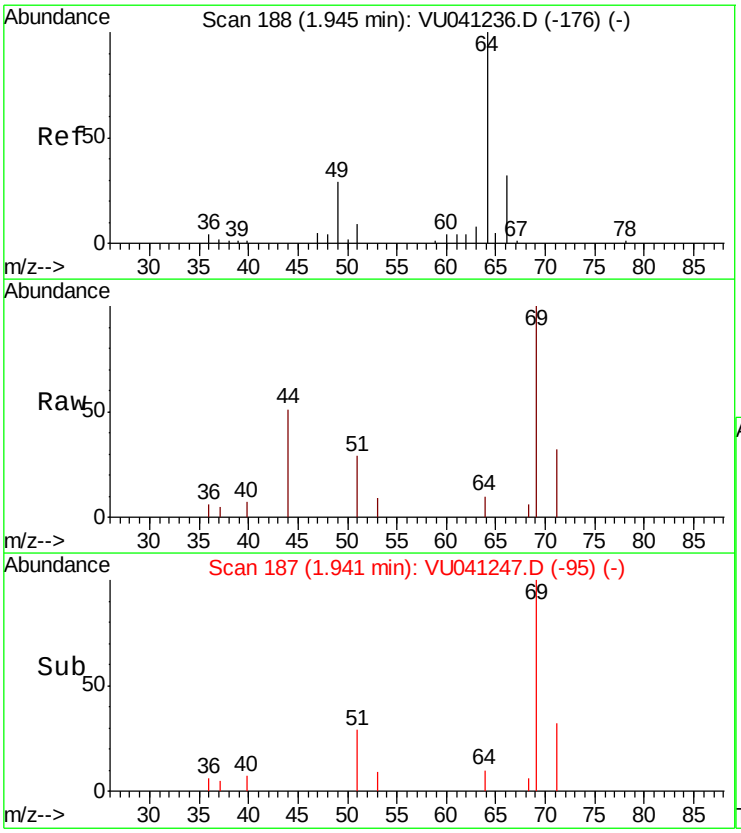
#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Instrument :
MSVOA_U
ClientSampleId :
C0BW3

Tgt Ion: 50 Resp: 1015

Ion	Ratio	Lower	Upper
50	100		
52	36.6	22.4	41.6

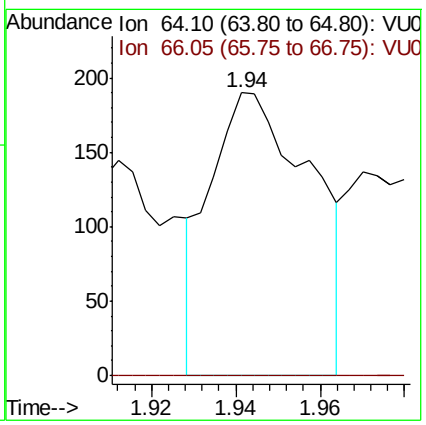


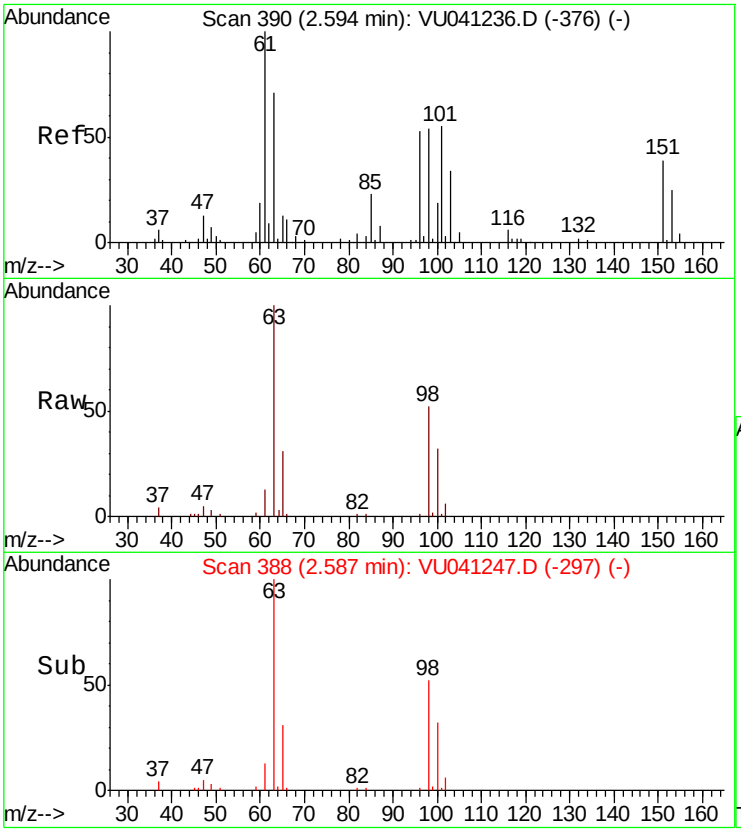


#8
Chloroethane
Concen: 0.078 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Tgt Ion: 64 Resp: 316

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.5#



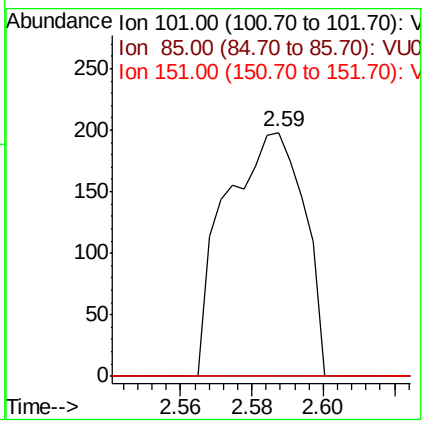


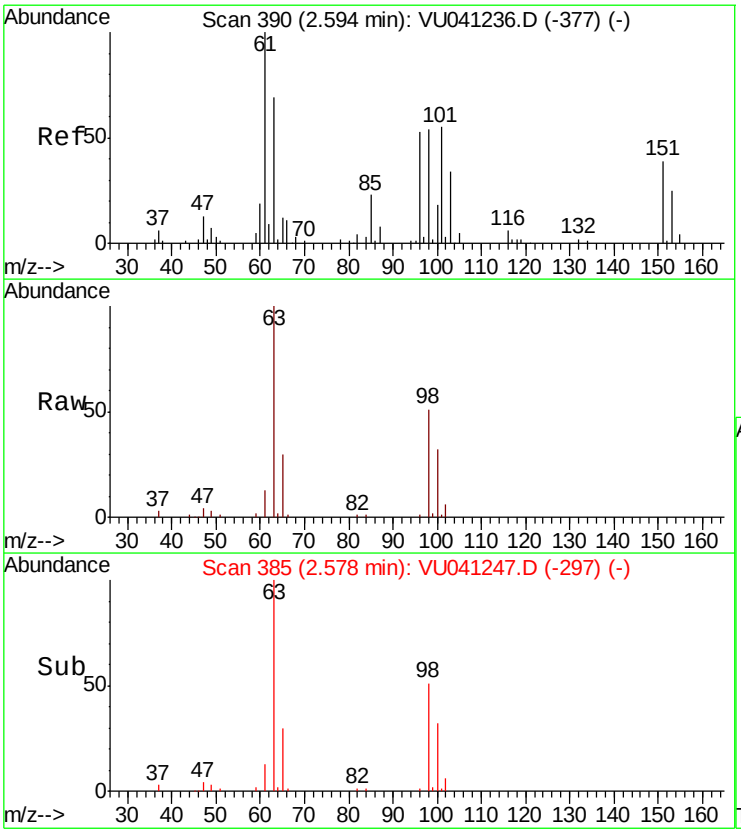
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Instrument : MSVOA_U
ClientSampleId : C0BW3

Tgt Ion:101 Resp: 301

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.0	52.4#
151	0.0	55.3	82.9#

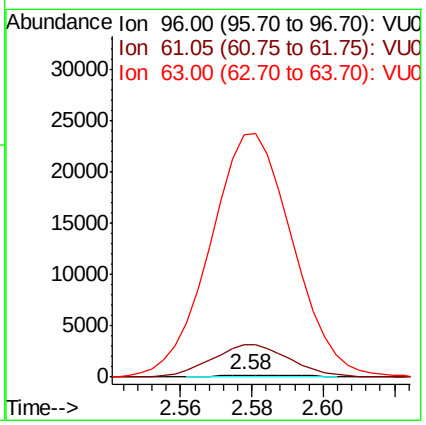


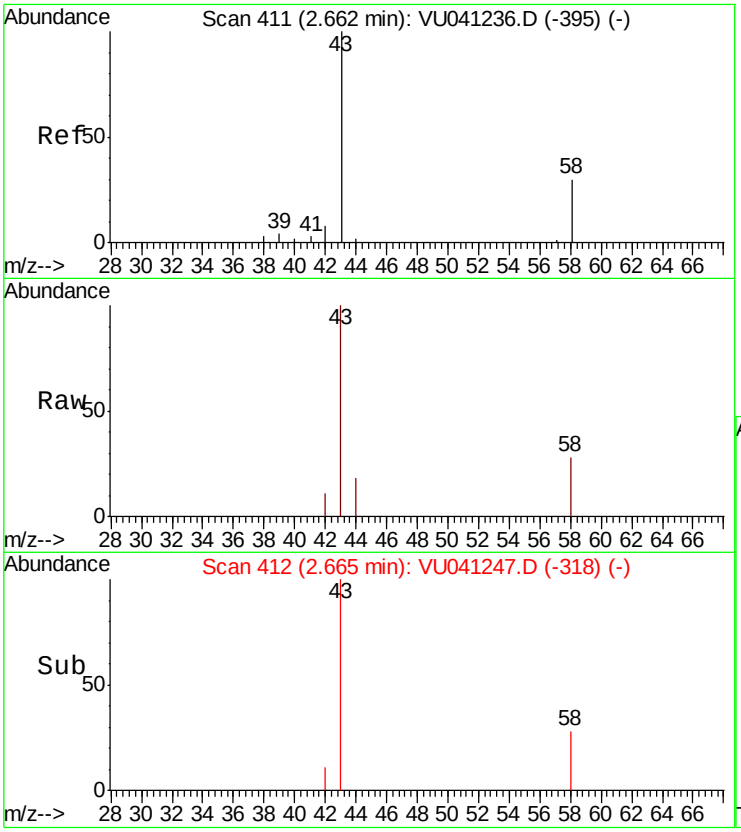


#12
1,1-Dichloroethene
Concen: 0.056 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Tgt Ion: 96 Resp: 256

Ion	Ratio	Lower	Upper
96	100		
61	1855.0	134.3	249.5#
63	13992.9	95.0	176.4#



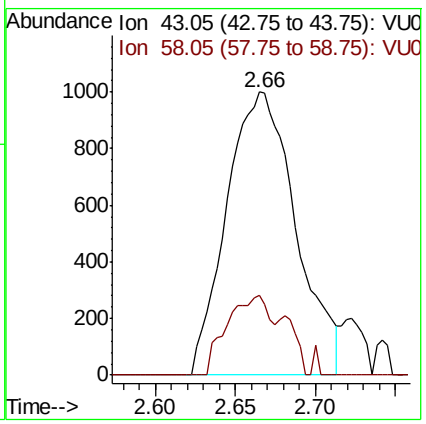


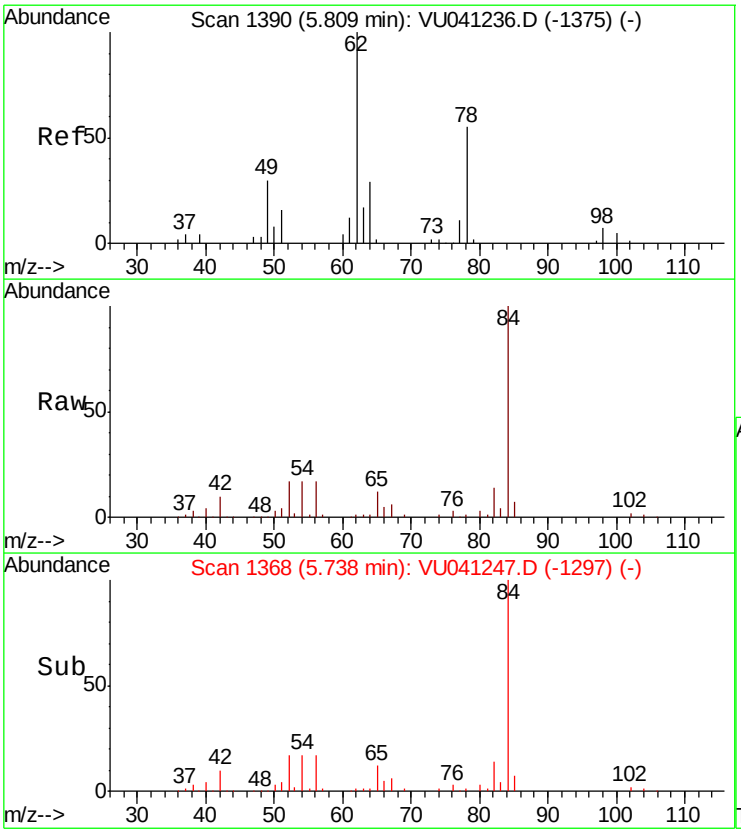
#13
Acetone
Concen: 2.097 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.00 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Instrument :
MSVOA_U
ClientSampleId :
C0BW3

Tgt Ion: 43 Resp: 2974

Ion	Ratio	Lower	Upper
43	100		
58	17.6	0.0	25.4

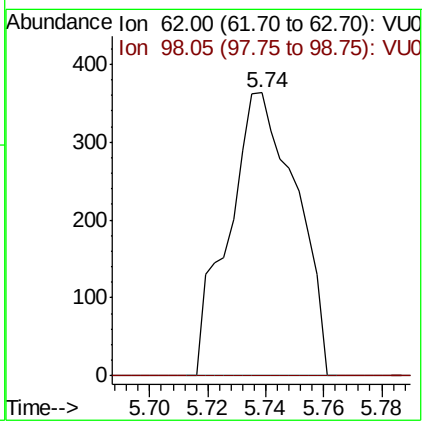


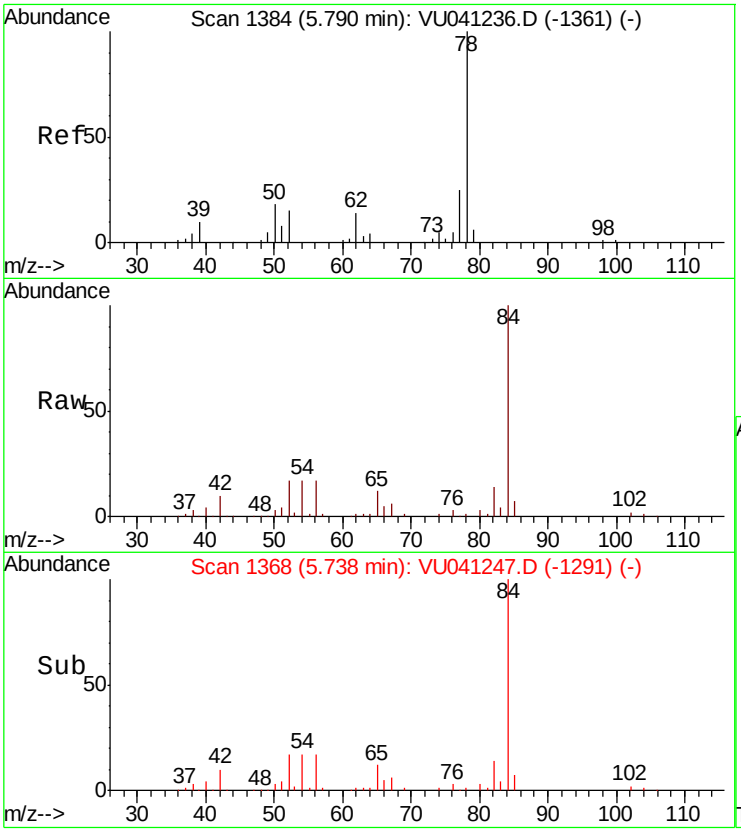


#27
1,2-Dichloroethane
Concen: 0.076 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Tgt Ion: 62 Resp: 590

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

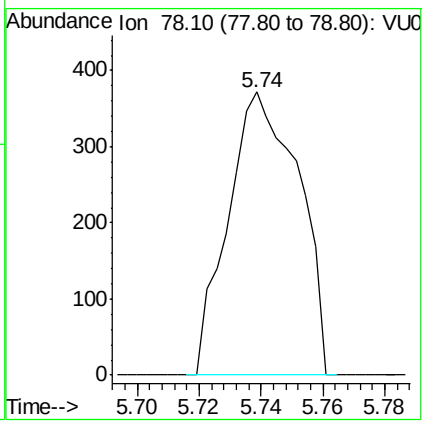


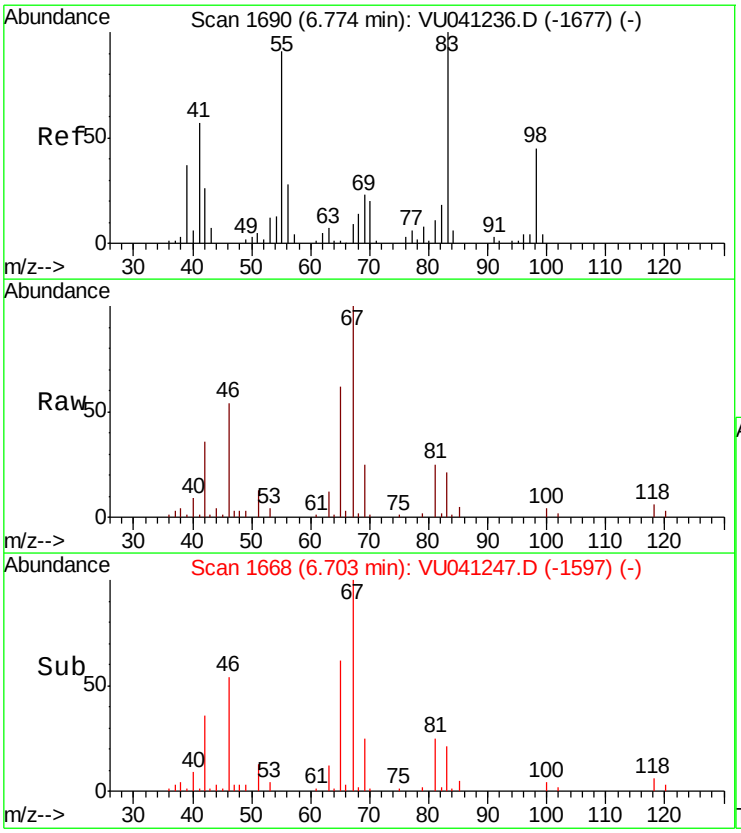


#33
Benzene
Concen: 0.031 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Instrument :
MSVOA_U
ClientSampleId :
C0BW3

Tgt Ion: 78 Resp: 591

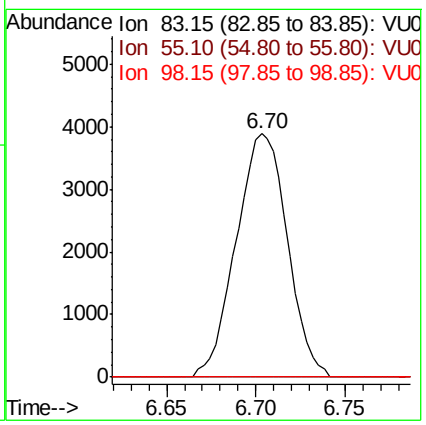


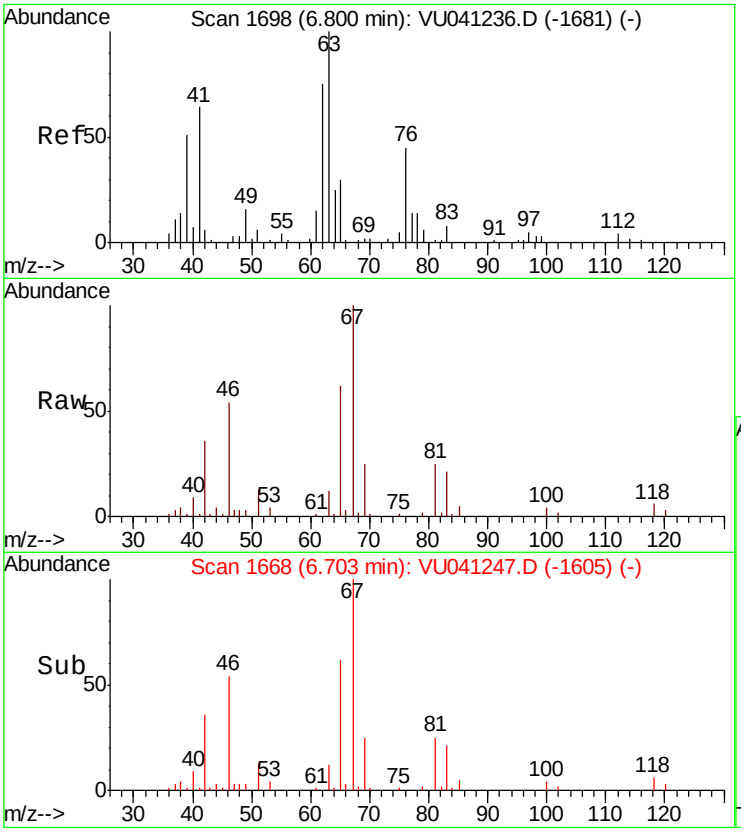


#35
Methylcyclohexane
Concen: 1.156 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Tgt Ion: 83 Resp: 7788

Ion	Ratio	Lower	Upper
83	100		
55	0.9	72.0	108.0#
98	2.1	36.6	55.0#



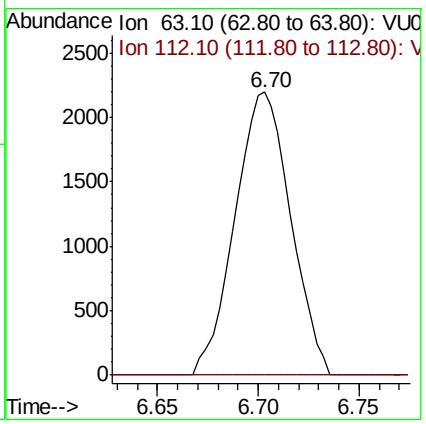


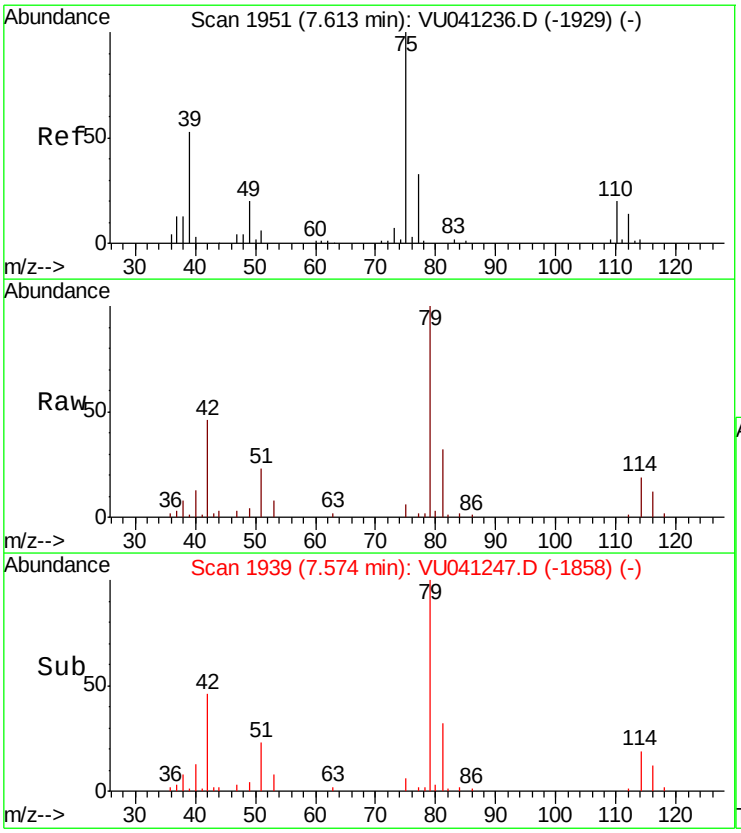
#37
1,2-Dichloropropane
Concen: 0.771 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Instrument : MSVOA_U
ClientSampleId : C0BW3

Tgt Ion: 63 Resp: 4231

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

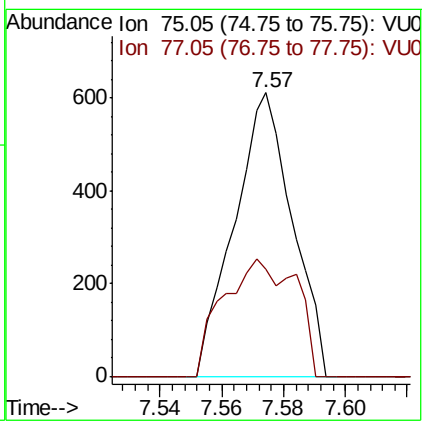


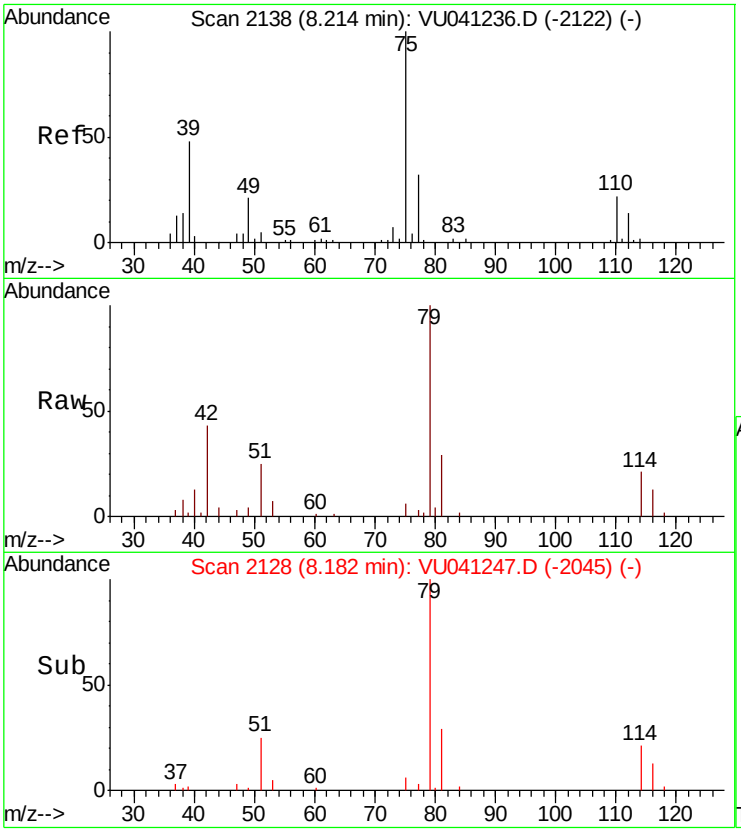


#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Tgt Ion: 75 Resp: 798

Ion	Ratio	Lower	Upper
75	100		
77	37.6	22.7	42.3



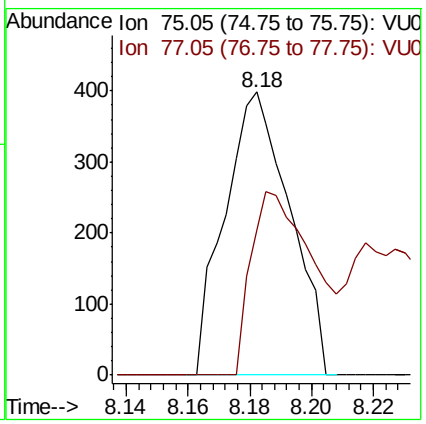


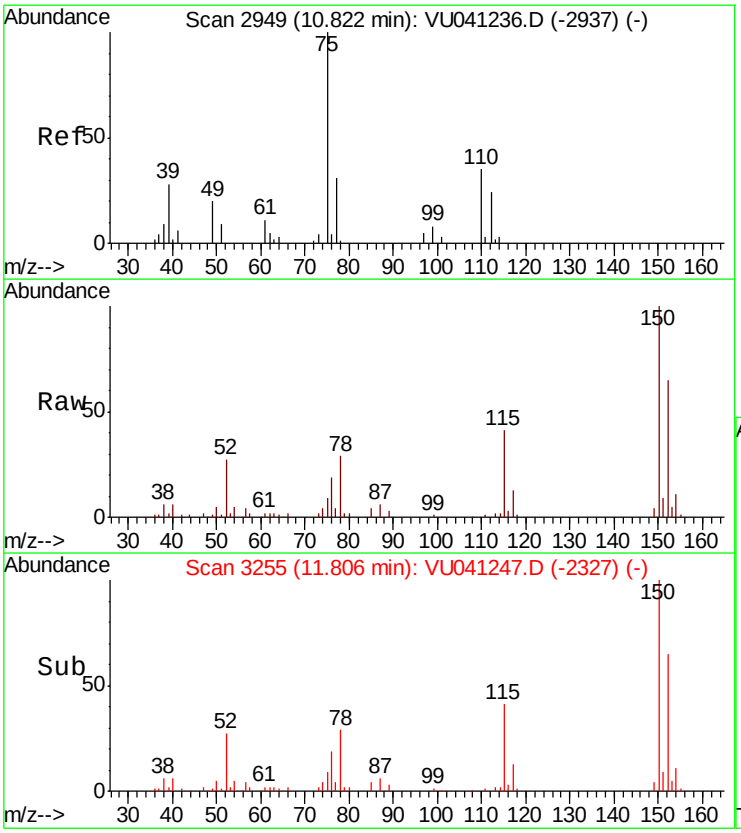
#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Instrument :
MSVOA_U
ClientSampleId :
C0BW3

Tgt Ion: 75 Resp: 583

Ion	Ratio	Lower	Upper
75	100		
77	51.5	23.3	43.3#





#59
1,2,3-Trichloropropane
Concen: 0.888 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041247.D
Acq: 16 Nov 2020 14:57

Tgt Ion: 75 Resp: 3841

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.7	38.5