Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041027.D
Acq On : 29 Oct 2020 20:36
Operator : SY/MD
Sample : L4558-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Quant Time: Oct 30 08:15:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 08:06:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49828	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52146	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20838	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	15282	3.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.00%			
7) Chloroethane-d5	1.92	69	12817	3.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.60%			
11) 1,1-Dichloroethene-d2	2.58	63	24041	2.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.60%#			
20) 2-Butanone-d5	4.66	46	80053	58.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.14%			
24) Chloroform-d	5.08	84	33747	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.72	65	22800	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.74	84	58617	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.70	67	21702	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.91	98	45895	3.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.60%			
43) trans-1,3-Dichloropropene-	8.19	79	8075	4.10	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.00%			
46) 2-Hexanone-d5	8.64	63	54527	51.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.90%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20575	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	18859	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	590	0.124	ug/L #	76
9) Trichlorofluoromethane	2.15	101	33781	5.311	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	182	0.049	ug/L #	22
12) 1,1-Dichloroethene	2.59	96	638	0.181	ug/L #	1
13) Acetone	2.68	43	1080	1.146	ug/L #	49
25) Chloroform	5.11	83	2398	0.334	ug/L	85
27) 1,2-Dichloroethane	5.75	62	281	0.053	ug/L #	74
31) Carbon tetrachloride	5.54	117	687	0.122	ug/L	88
33) Benzene	5.74	78	380	0.024	ug/L	100
34) Trichloroethene	6.55	95	4108	1.036	ug/L	95
35) Methylcyclohexane	6.70	83	4903	0.829	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2546	0.604	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	565	0.097	ug/L	86
44) trans-1,3-Dichloropropene	8.19	75	405	0.075	ug/L #	78
45) 1,1,2-Trichloroethane	8.56	97	169	0.054	ug/L #	1
47) Tetrachloroethene	8.56	164	28459	9.761	ug/L	99
48) 2-Hexanone	8.64	43	7879	3.113	ug/L #	68

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041027.D
Acq On : 29 Oct 2020 20:36
Operator : SY/MD
Sample : L4558-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Quant Time: Oct 30 08:15:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 08:06:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dibromochloromethane	8.56	129	29556	8.109	ug/L	#	11
59) 1,2,3-Trichloropropane	11.81	75	2999	0.954	ug/L		98

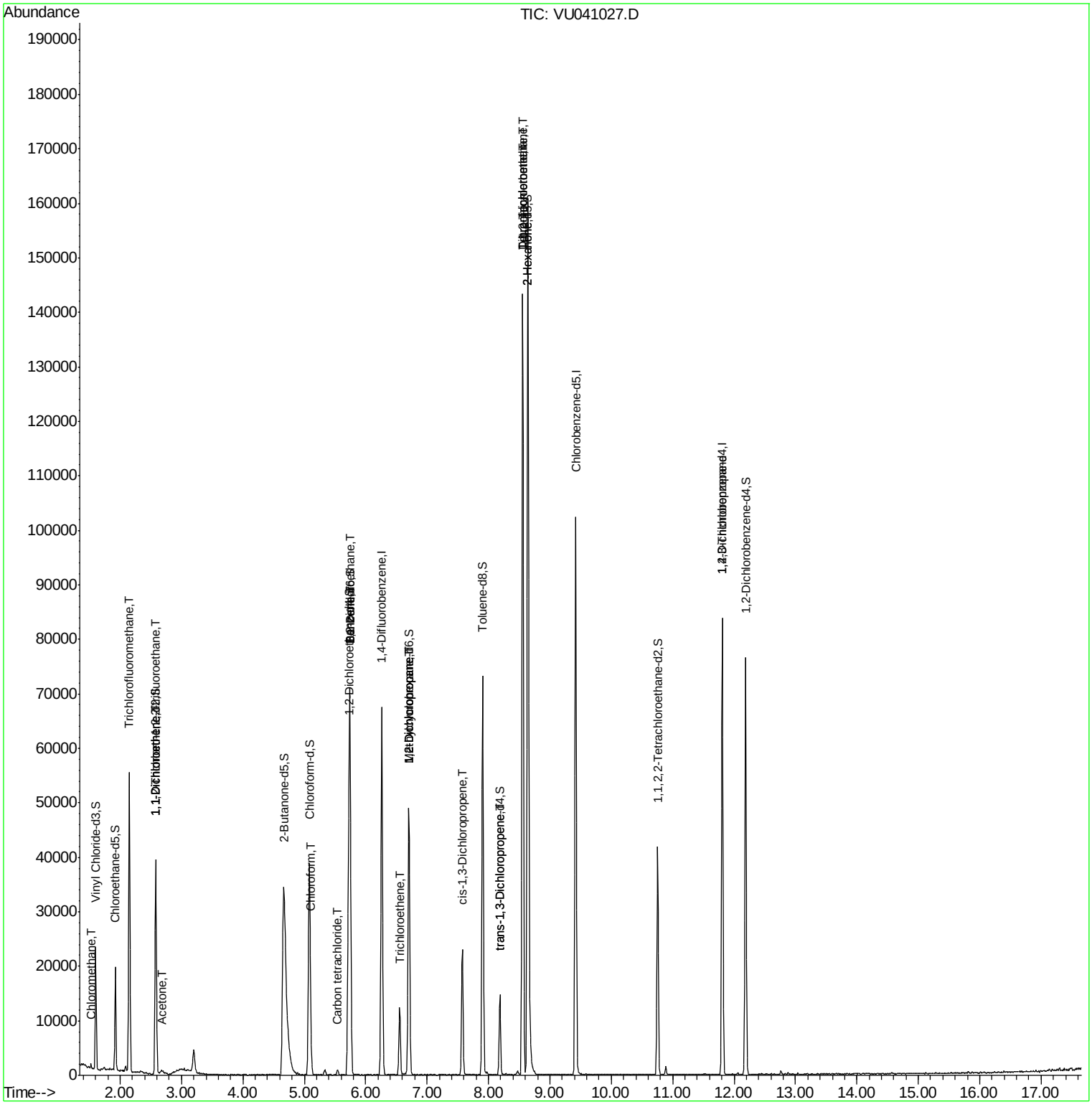
(#) = qualifier out of range (m) = manual integration (+) = signals summed

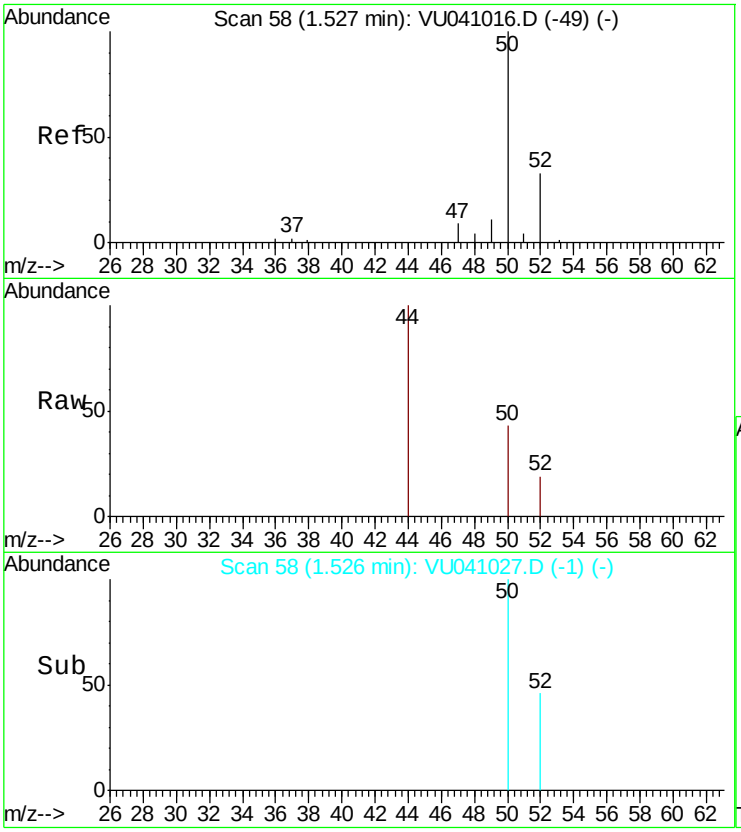
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103020\
Data File : VU041027.D
Acq On : 29 Oct 2020 20:36
Operator : SY/MD
Sample : L4558-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Quant Time: Oct 30 08:15:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 08:06:28 2020
Response via : Initial Calibration



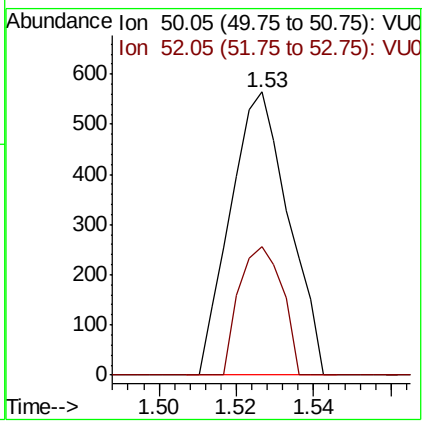


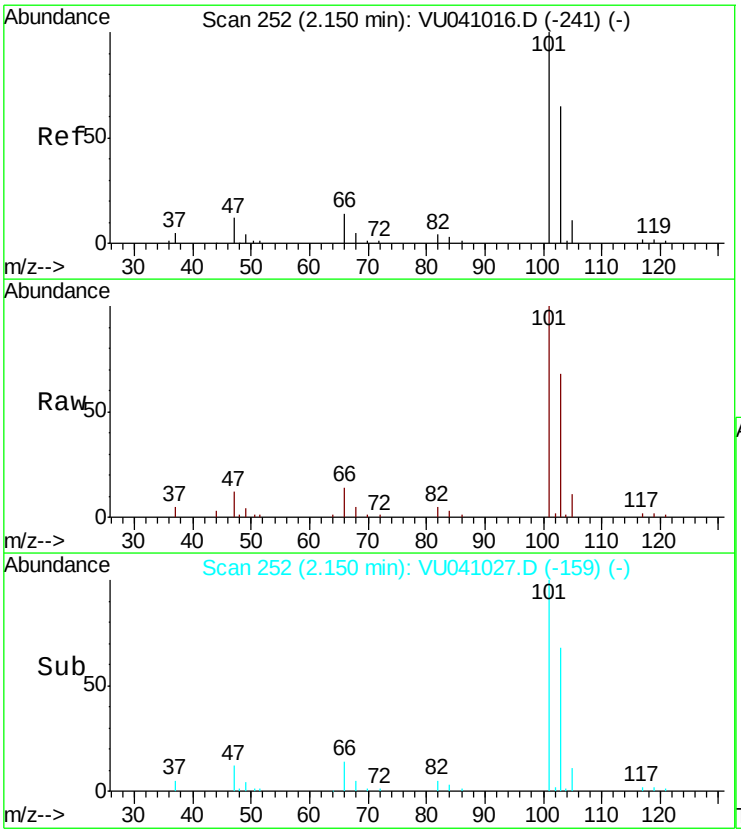
#3
Chloromethane
Concen: 0.124 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Tgt Ion: 50 Resp: 590

Ion	Ratio	Lower	Upper
50	100		
52	45.6	22.4	41.6#

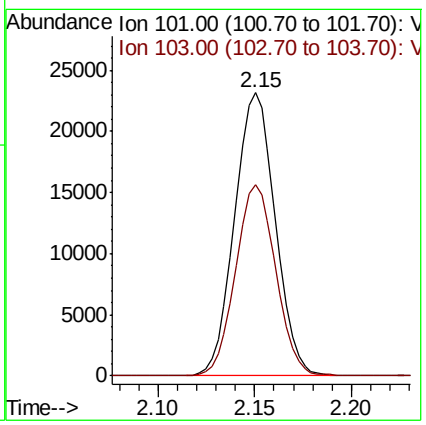


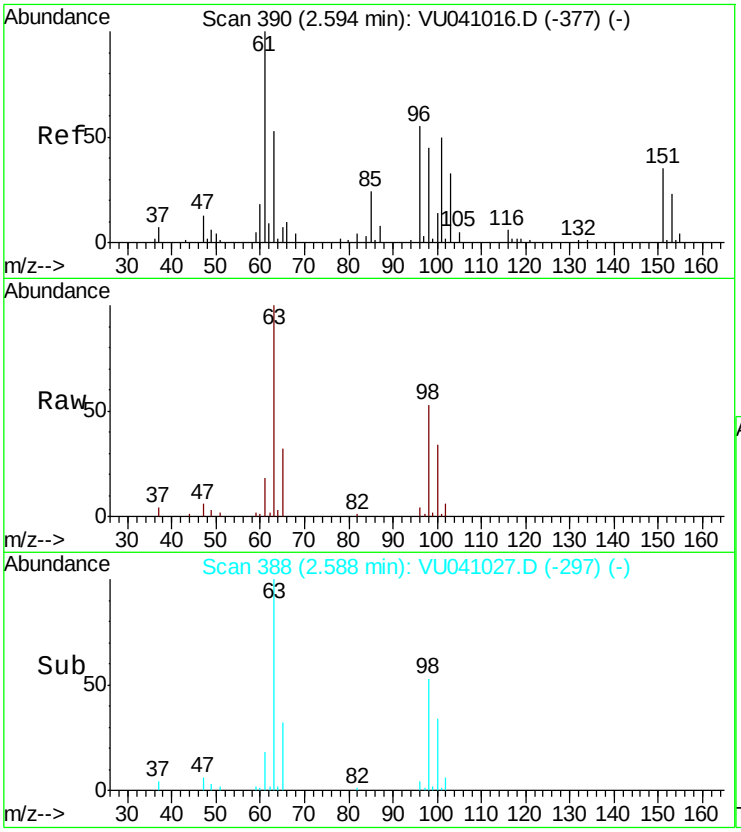


#9
Trichlorofluoromethane
Concen: 5.311 ug/L
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Tgt Ion:101 Resp: 33781

Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.0	76.4



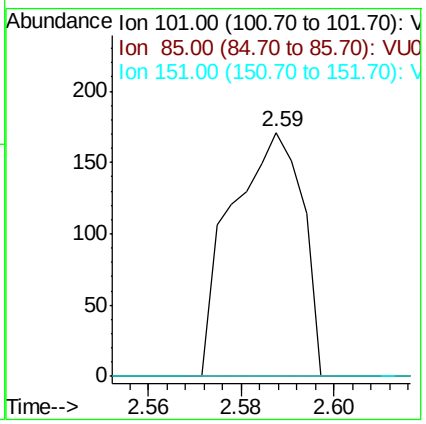


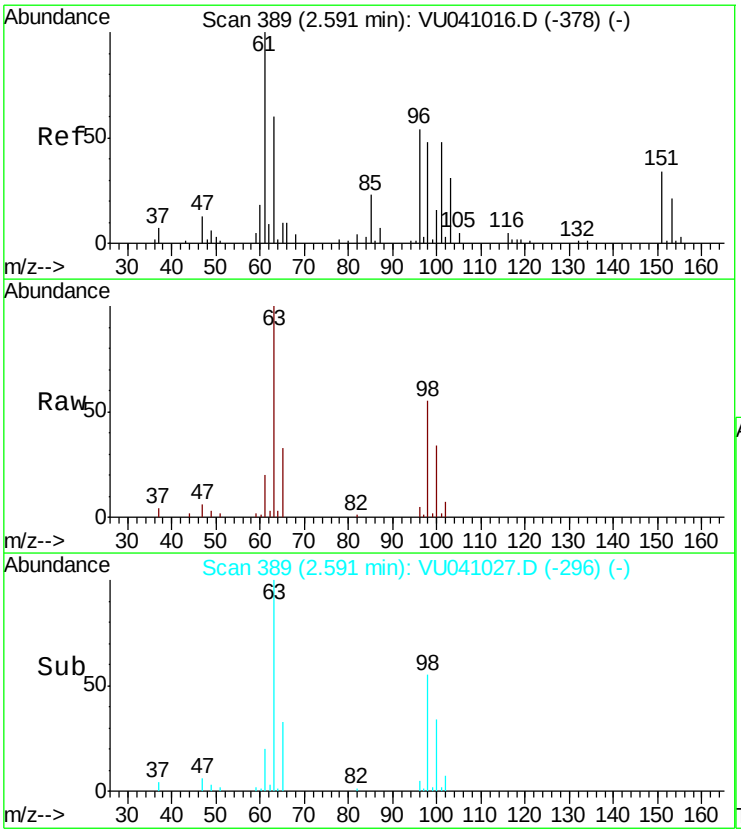
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion:101 Resp: 182

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

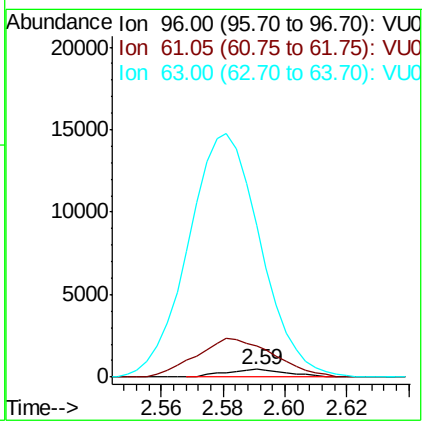


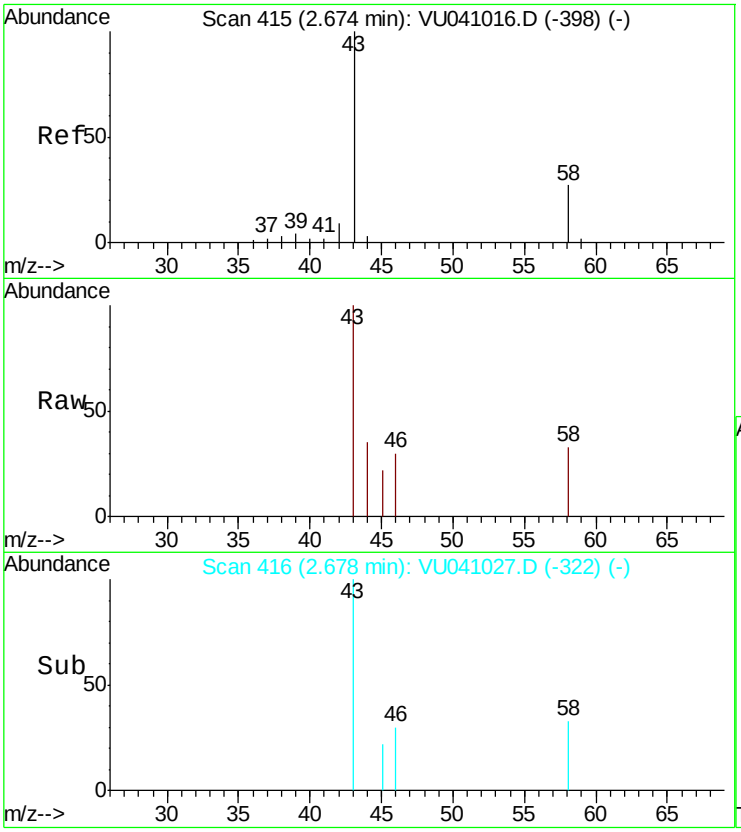


#12
1,1-Dichloroethene
Concen: 0.181 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Tgt Ion: 96 Resp: 638

Ion	Ratio	Lower	Upper
96	100		
61	413.0	134.3	249.5#
63	2027.8	95.0	176.4#



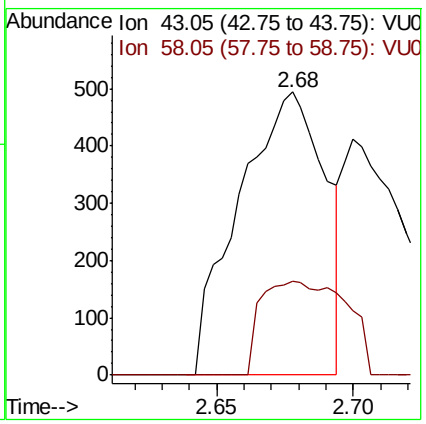


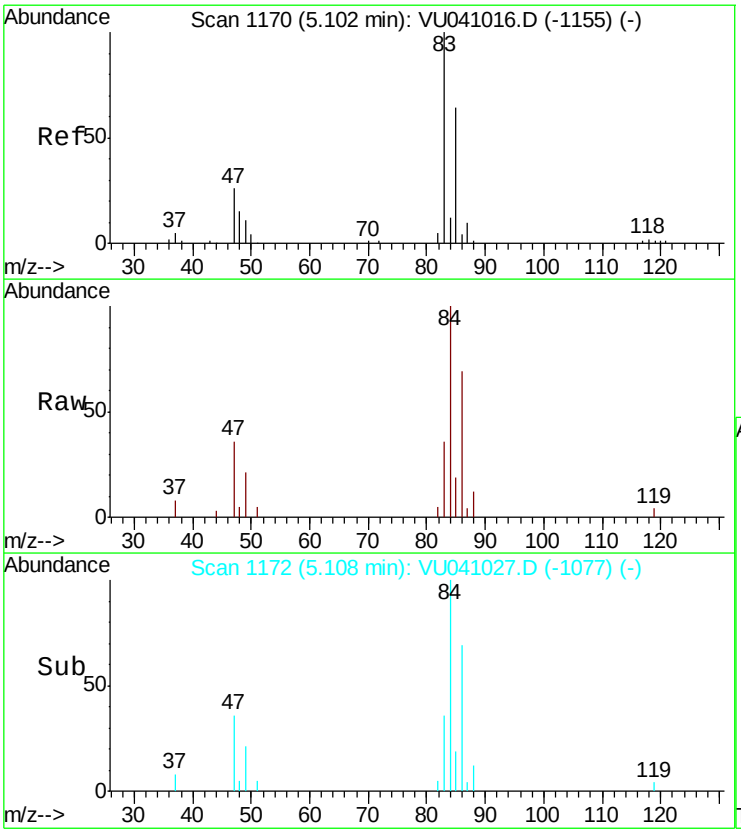
#13
Acetone
Concen: 1.146 ug/L
RT: 2.68 min Scan# 416
Delta R.T. 0.00 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 43 Resp: 1080

Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	25.4#

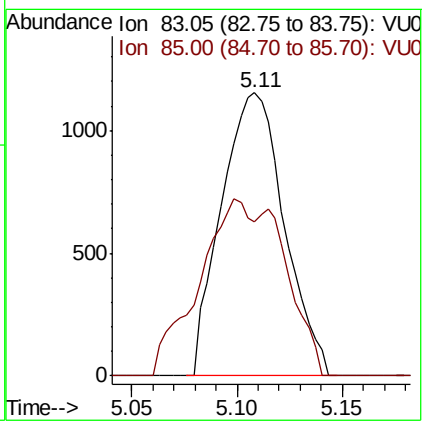


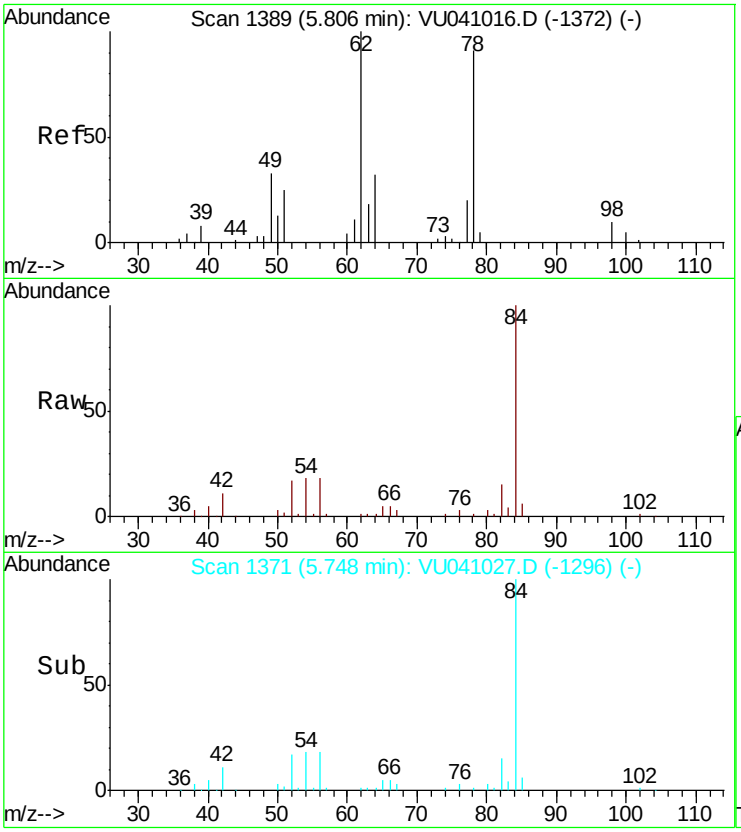


#25
Chloroform
Concen: 0.334 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Tgt Ion: 83 Resp: 2398

Ion	Ratio	Lower	Upper
83	100		
85	54.3	46.1	85.7



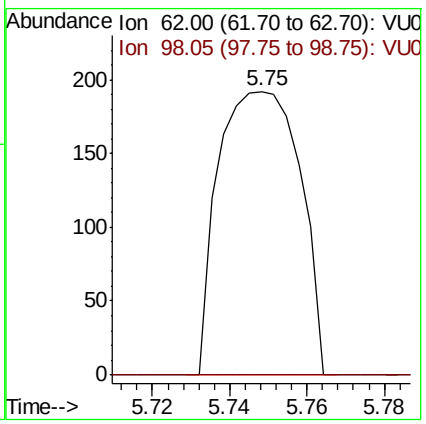


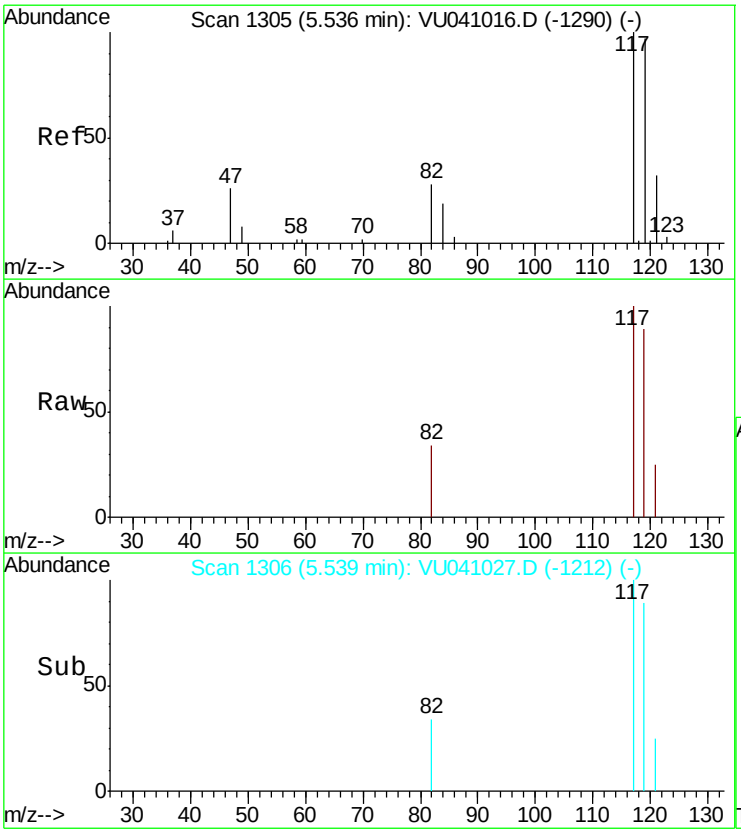
#27
1,2-Dichloroethane
Concen: 0.053 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Tgt Ion: 62 Resp: 281

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

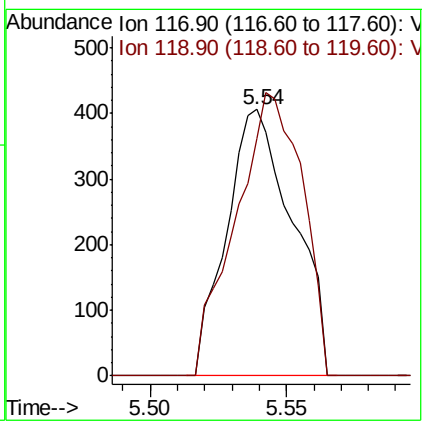


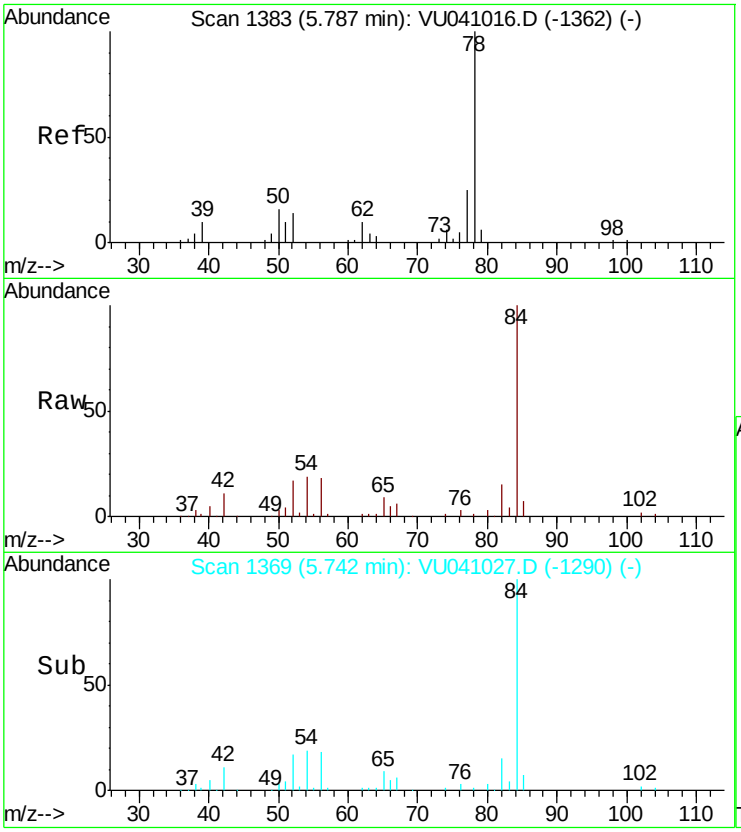


#31
Carbon tetrachloride
Concen: 0.122 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Tgt Ion:117 Resp: 687

Ion	Ratio	Lower	Upper
117	100		
119	107.1	76.1	114.1

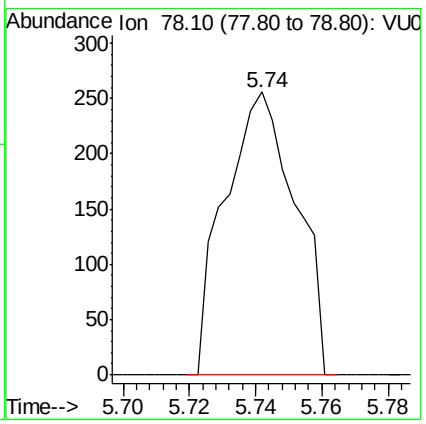


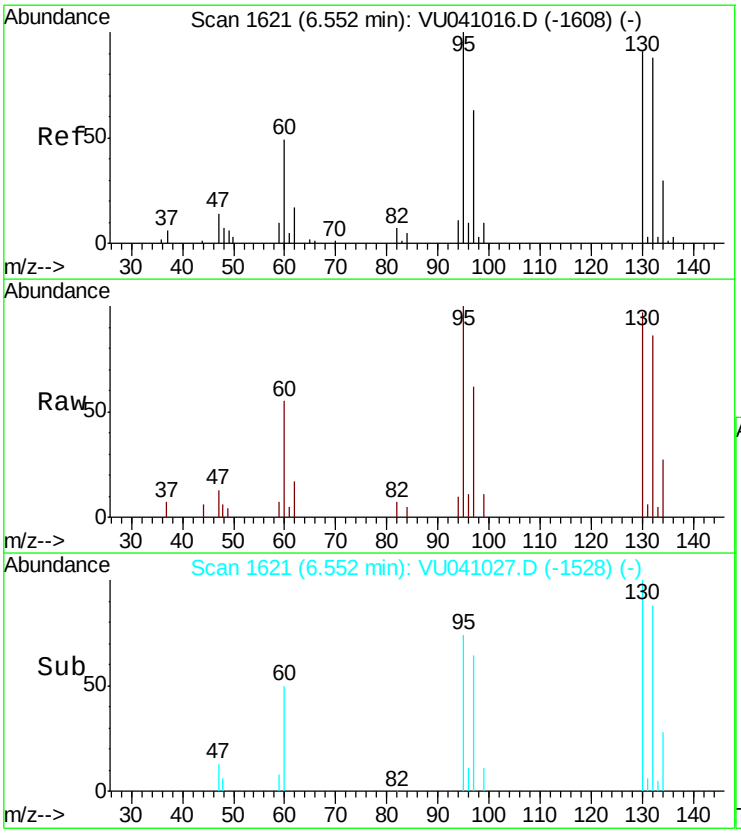


#33
Benzene
Concen: 0.024 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.05 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Tgt Ion: 78 Resp: 380

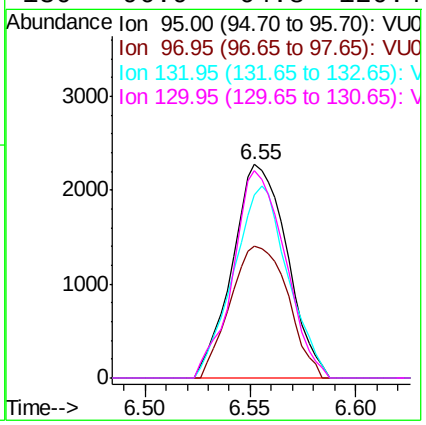


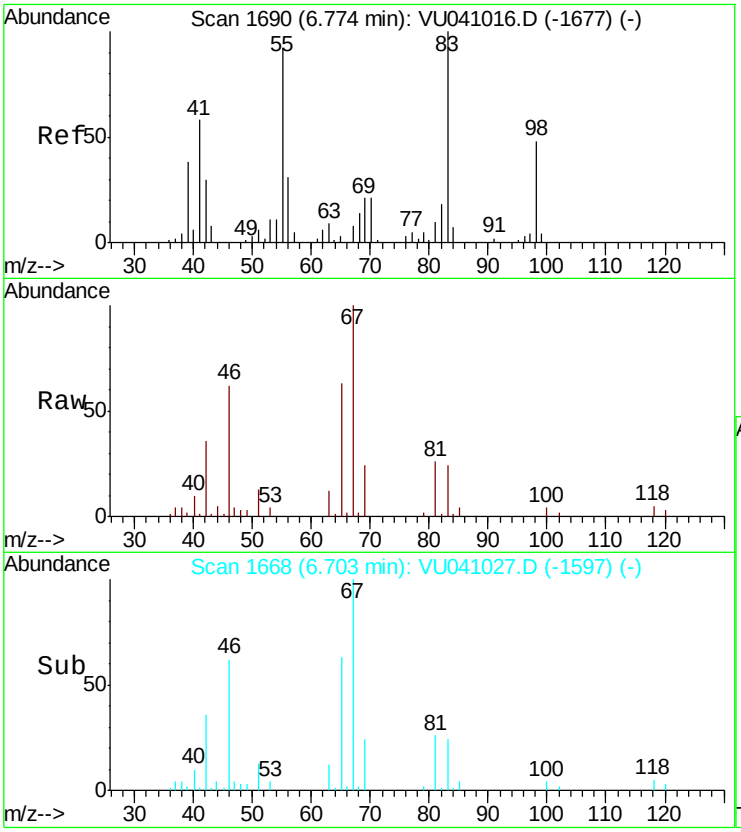


#34
Trichloroethene
Concen: 1.036 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Tgt Ion: 95 Resp: 4108

Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.6	84.6
132	85.8	64.8	120.4
130	96.9	64.8	120.4



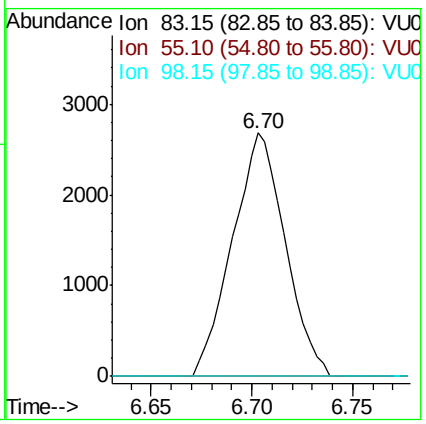


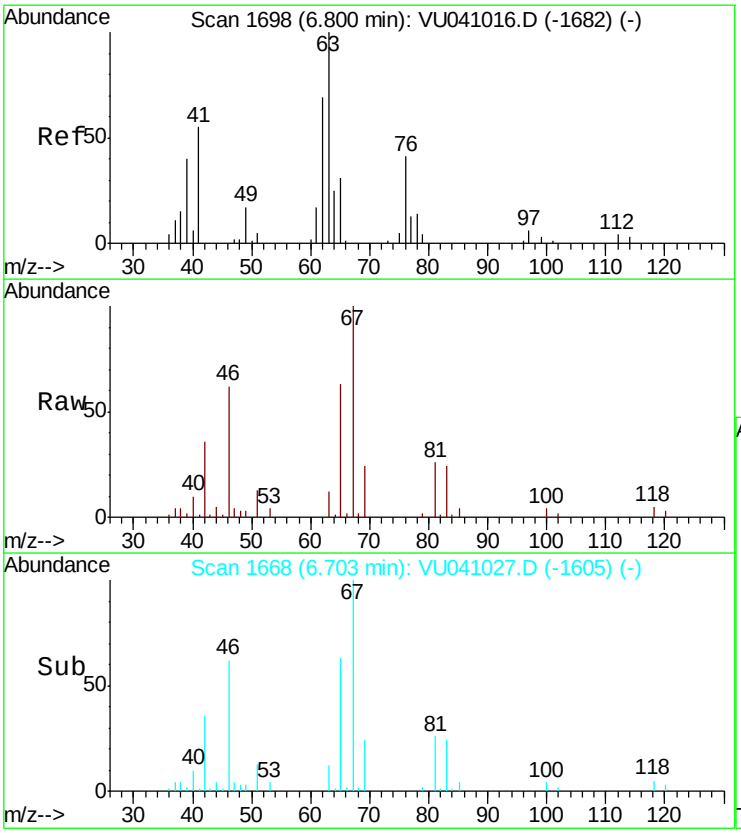
#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 83 Resp: 4903

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#

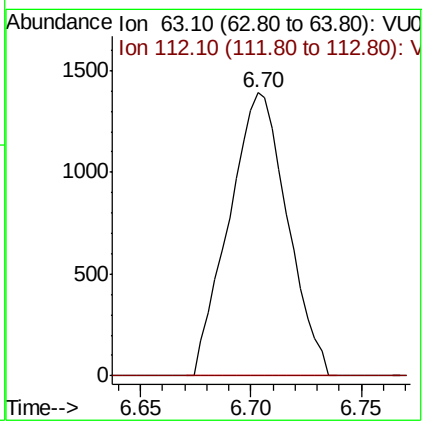


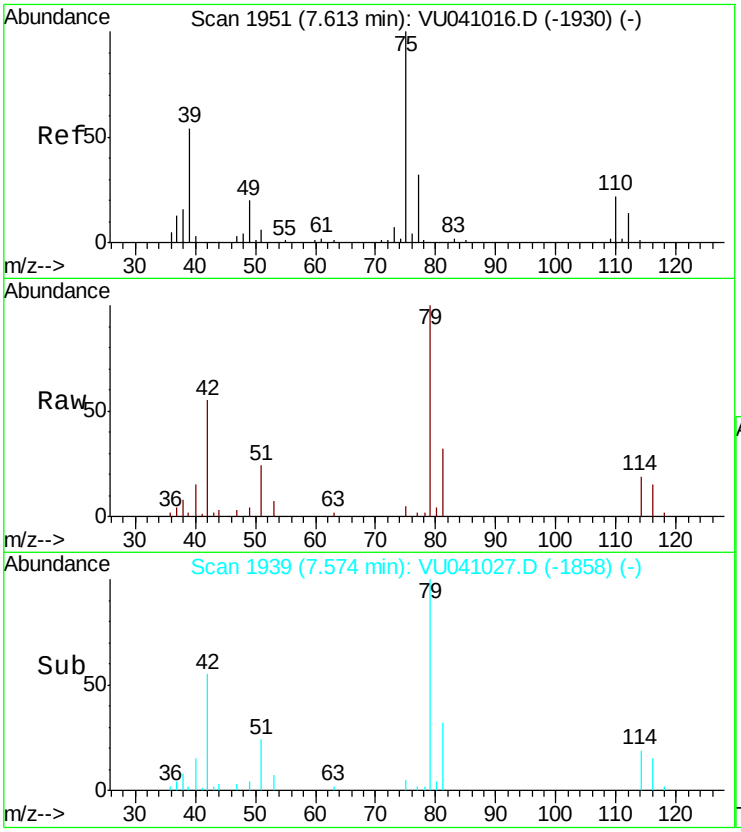


#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Tgt Ion: 63 Resp: 2546

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



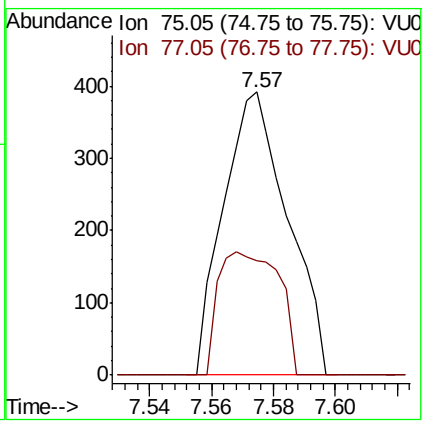


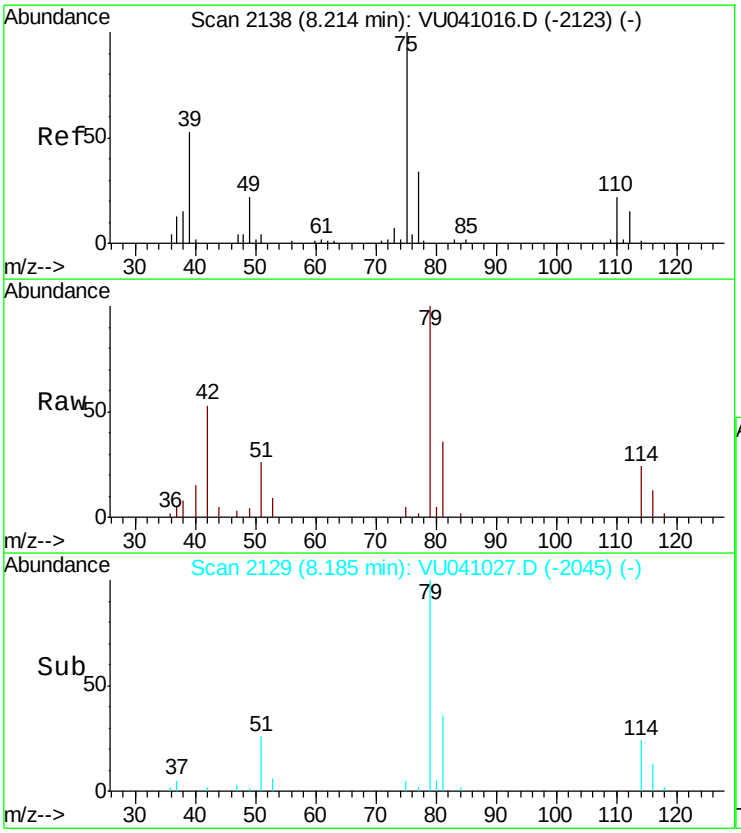
#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Tgt Ion: 75 Resp: 565

Ion	Ratio	Lower	Upper
75	100		
77	40.6	22.7	42.3

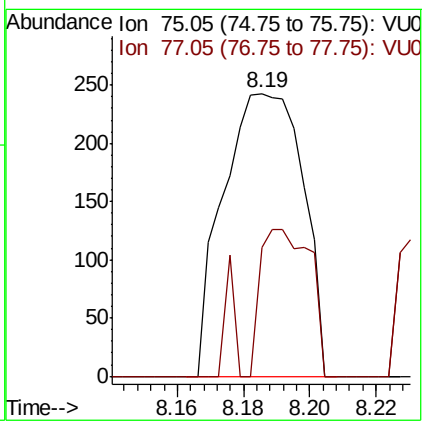


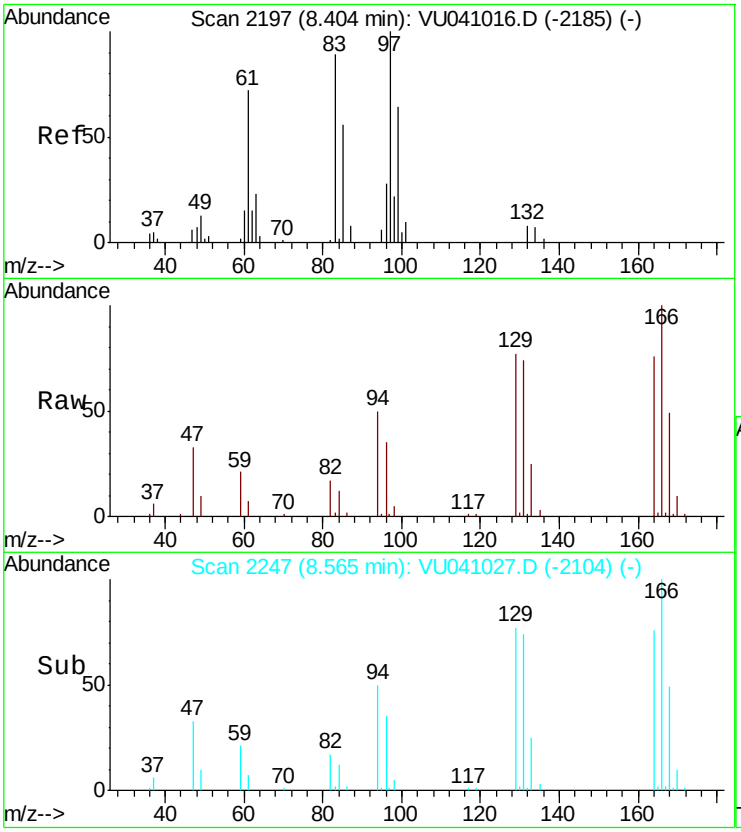


#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Tgt Ion: 75 Resp: 405

Ion	Ratio	Lower	Upper
75	100		
77	45.7	23.3	43.3#



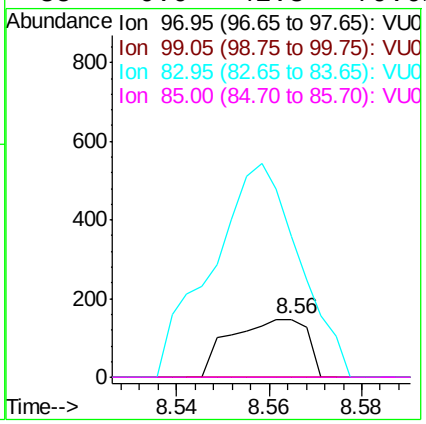


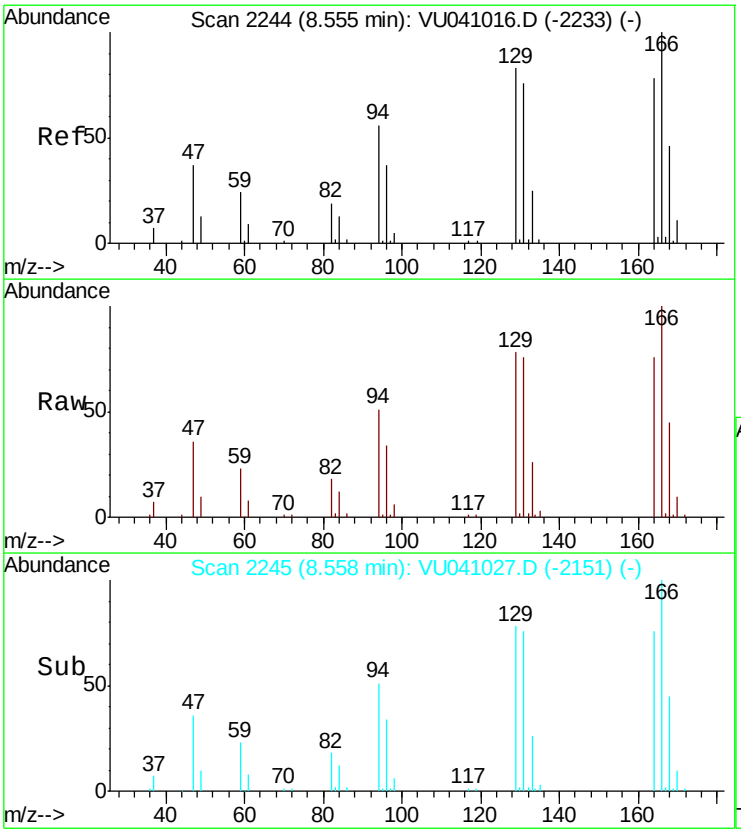
#45
1,1,2-Trichloroethane
Concen: 0.054 ug/L
RT: 8.56 min Scan# 2247
Delta R.T. 0.16 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 97 Resp: 169

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.2#
83	243.5	67.9	126.1#
85	0.0	42.8	79.6#

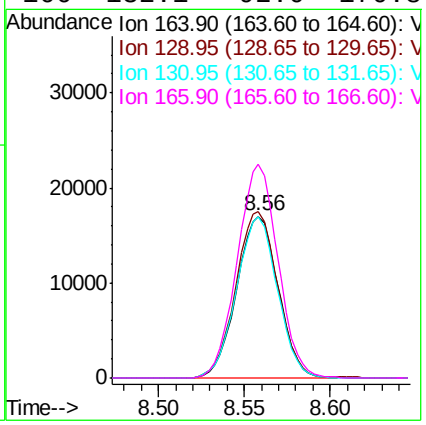


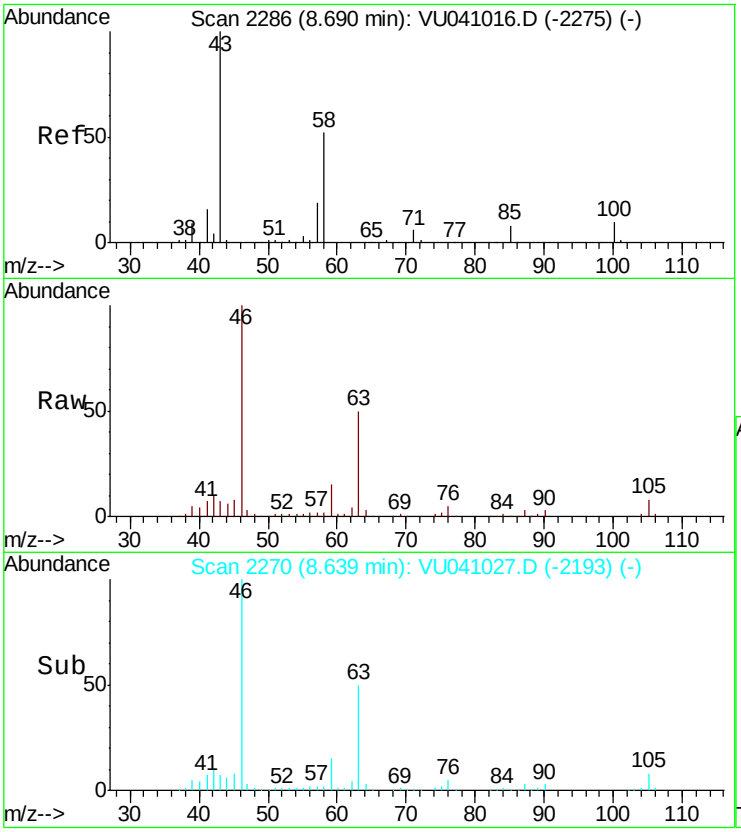


#47
Tetrachloroethene
Concen: 9.761 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Tgt Ion:164 Resp: 28459

Ion	Ratio	Lower	Upper
164	100		
129	102.8	70.3	130.7
131	100.0	70.8	131.4
166	132.1	92.0	170.8



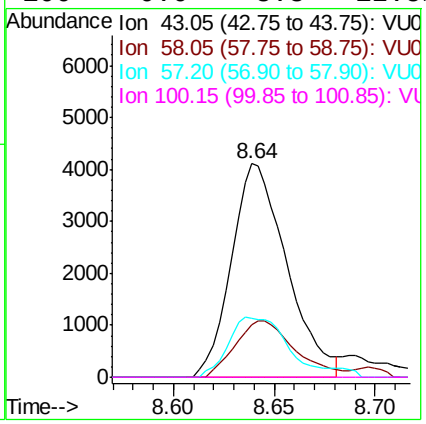


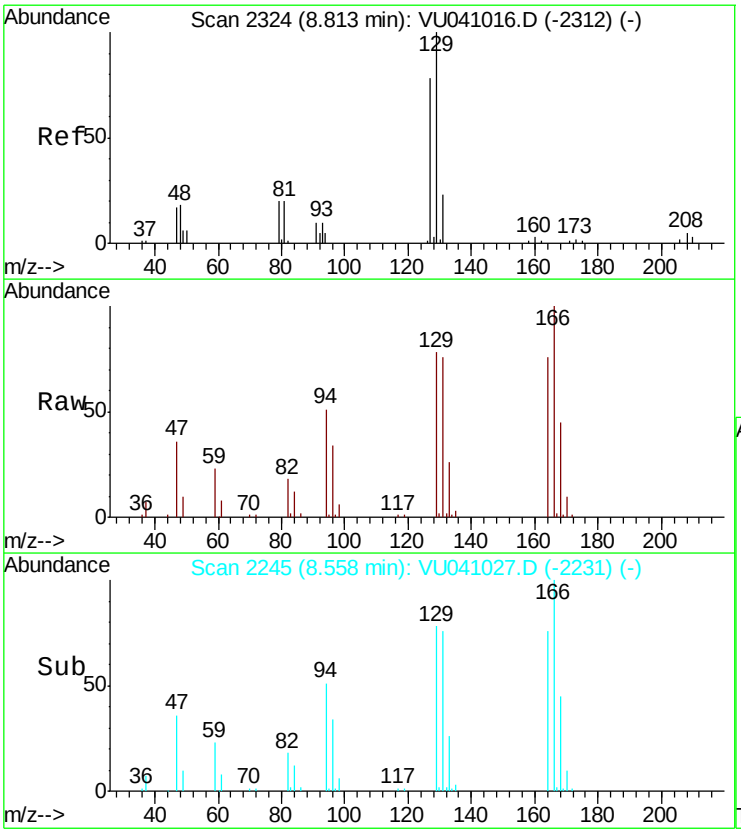
#48
2-Hexanone
Concen: 3.113 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument : MSVOA_U
ClientSampleId : C0BQ2

Tgt Ion: 43 Resp: 7879

Ion	Ratio	Lower	Upper
43	100		
58	28.3	41.4	62.2#
57	31.5	14.6	21.8#
100	0.0	8.3	12.5#

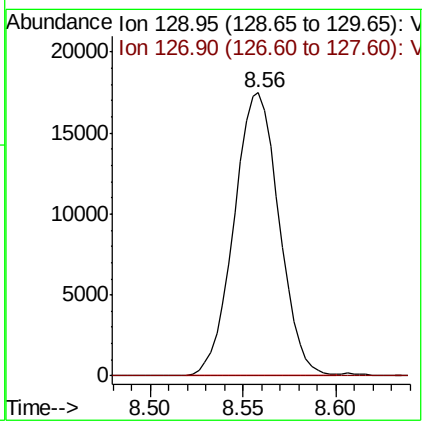


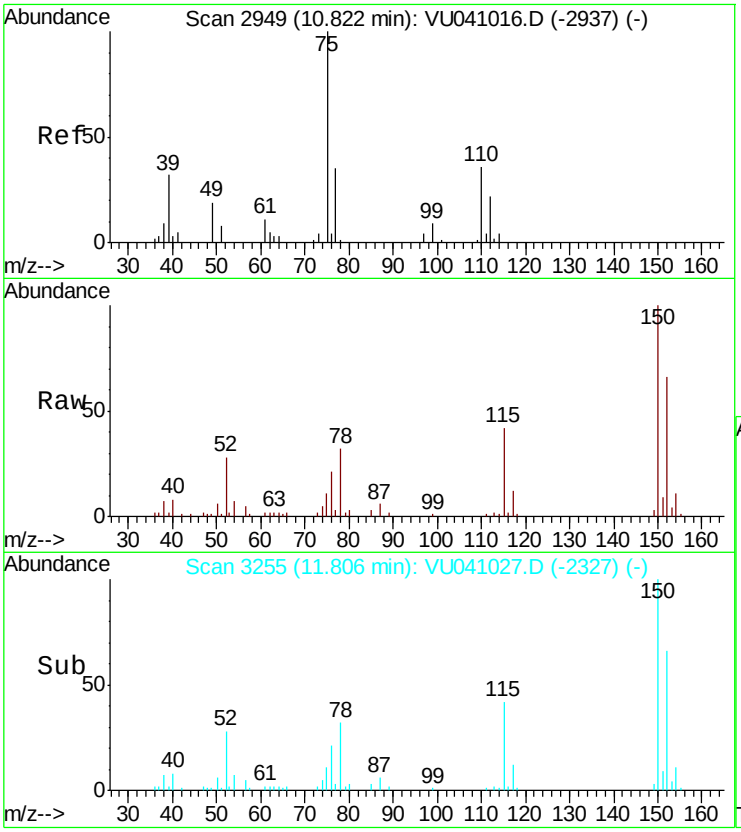


#49
Dibromochloromethane
Concen: 8.109 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Tgt Ion:129 Resp: 29556

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#





#59
1,2,3-Trichloropropane
Concen: 0.954 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Tgt Ion: 75 Resp: 2999

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.7	38.5