Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040829.D
Acq On : 20 Oct 2020 01:23
Operator : SY/MD
Sample : L4420-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AL0

Quant Time: Oct 20 05:21:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108178	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43887	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	25872	2.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.80%			
7) Chloroethane-d5	1.93	69	28538	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.60%			
11) 1,1-Dichloroethene-d2	2.58	63	44715	2.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.00%#			
20) 2-Butanone-d5	4.66	46	168581	58.77	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.54%			
24) Chloroform-d	5.08	84	78139	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.72	65	48629	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.75	84	127430	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
36) 1,2-Dichloropropane-d6	6.70	67	47118	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.91	98	92993	3.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.20%#			
43) trans-1,3-Dichloropropene-	8.19	79	17426	4.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%			
46) 2-Hexanone-d5	8.64	63	111073	50.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.70%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47322	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	43099	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	1141	0.124	ug/L	90
8) Chloroethane	1.95	64	274	0.045	ug/L #	41
13) Acetone	2.67	43	1666	0.749	ug/L	91
19) 1,1-Dichloroethane	3.89	63	1276	0.076	ug/L #	86
22) cis-1,2-Dichloroethene	4.69	96	1799	0.206	ug/L	88
25) Chloroform	5.11	83	2955	0.173	ug/L	93
27) 1,2-Dichloroethane	5.75	62	678	0.056	ug/L #	77
31) Carbon tetrachloride	5.55	117	1449	0.112	ug/L	91
33) Benzene	5.74	78	953	0.026	ug/L	100
34) Trichloroethene	6.56	95	4249	0.452	ug/L	90
35) Methylcyclohexane	6.70	83	11310	0.849	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5542	0.549	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1267	0.092	ug/L #	61
44) trans-1,3-Dichloropropene	8.19	75	946	0.074	ug/L #	80
47) Tetrachloroethene	8.56	164	2104	0.314	ug/L	98
48) 2-Hexanone	8.64	43	17228	2.873	ug/L #	70
49) Dibromochloromethane	8.56	129	2411	0.277	ug/L #	9

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040829.D
Acq On : 20 Oct 2020 01:23
Operator : SY/MD
Sample : L4420-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AL0

Quant Time: Oct 20 05:21:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.81	75	6042	0.814	ug/L	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040829.D
Acq On : 20 Oct 2020 01:23
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Sample : L4420-14
Misc : 25.0mL/MSVOA_U/WATER
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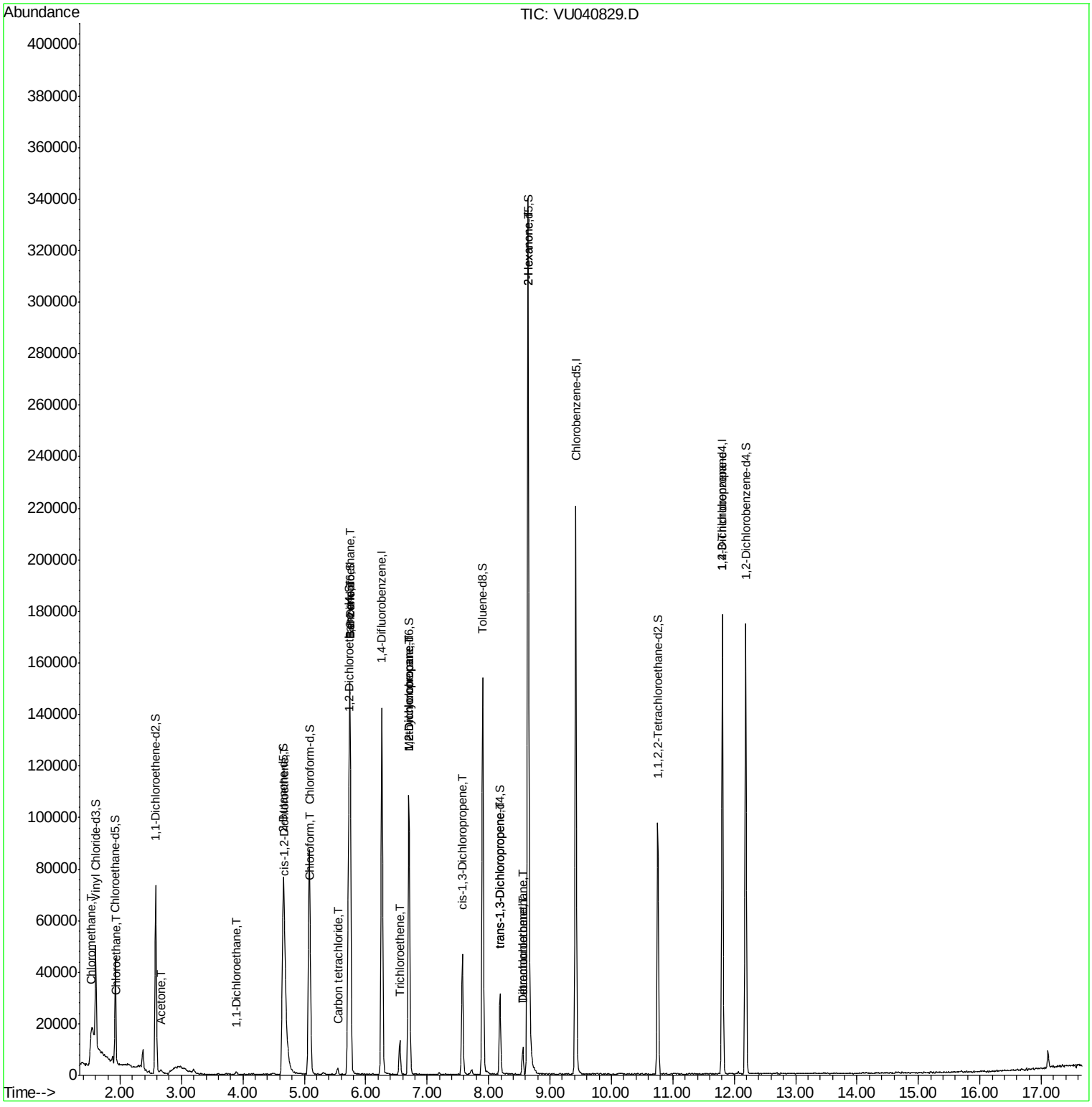
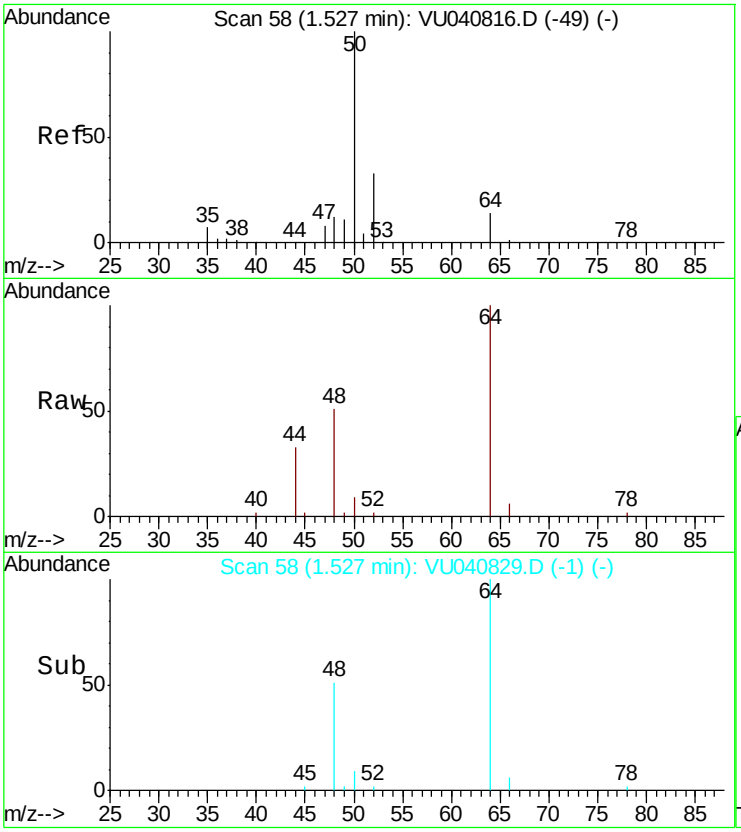
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration



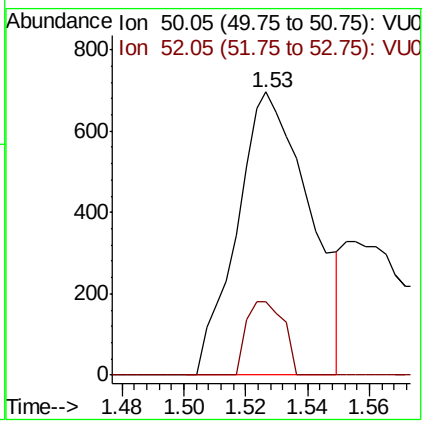


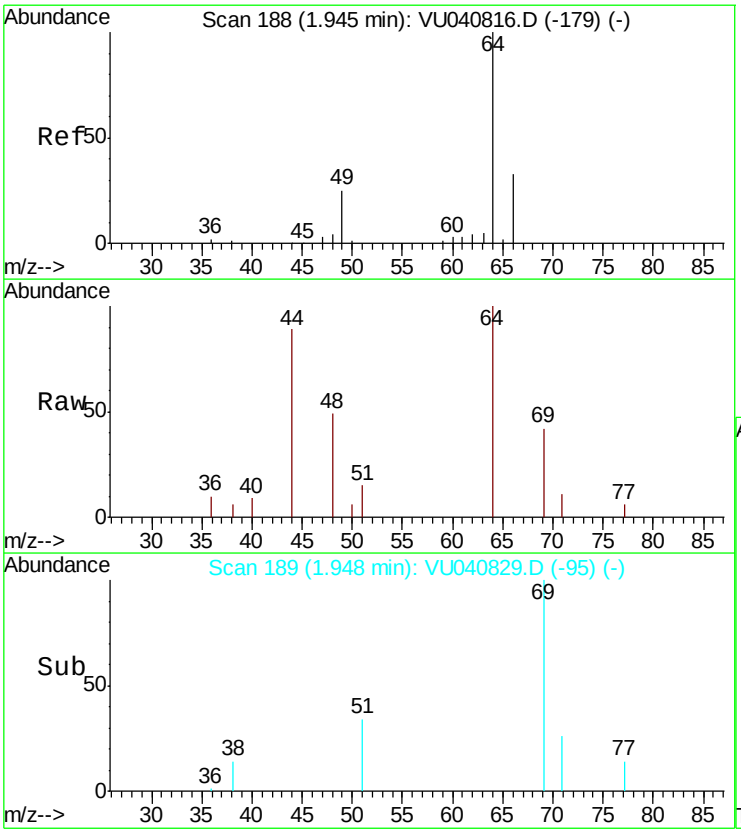
#3
Chloromethane
Concen: 0.124 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion: 50 Resp: 1141

Ion	Ratio	Lower	Upper
50	100		
52	26.0	21.9	40.7

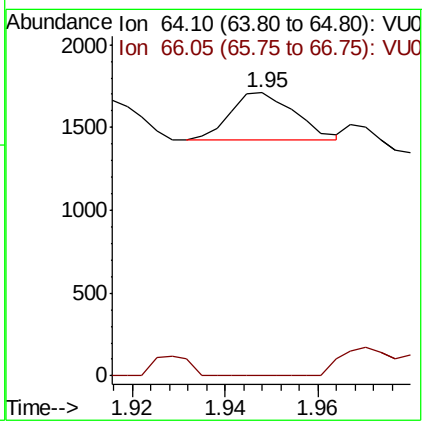


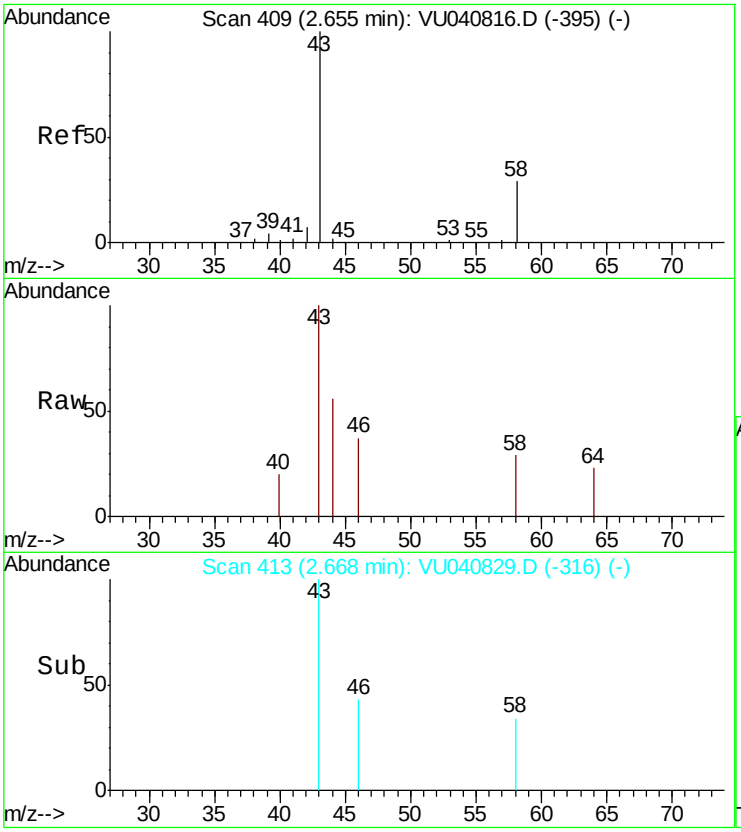


#8
Chloroethane
Concen: 0.045 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Tgt Ion: 64 Resp: 274

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.3	43.3#



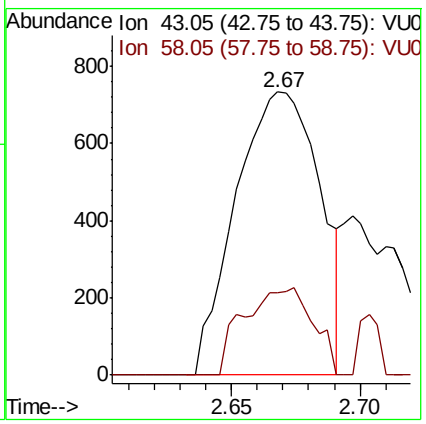


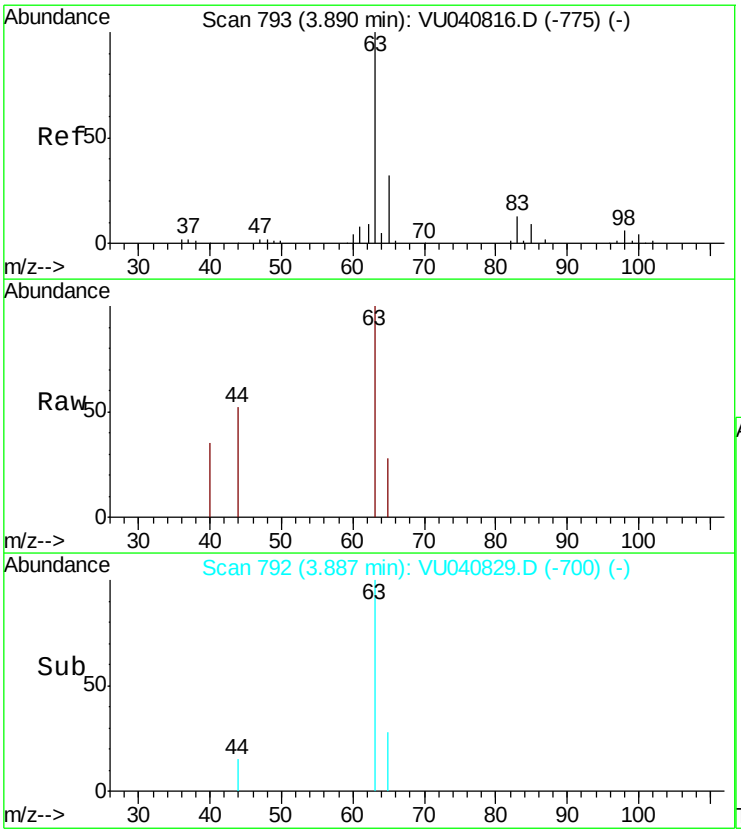
#13
Acetone
Concen: 0.749 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.01 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Instrument : MSVOA_U
ClientSampleId : C0AL0

Tgt Ion: 43 Resp: 1666

Ion	Ratio	Lower	Upper
43	100		
58	25.5	0.0	60.6

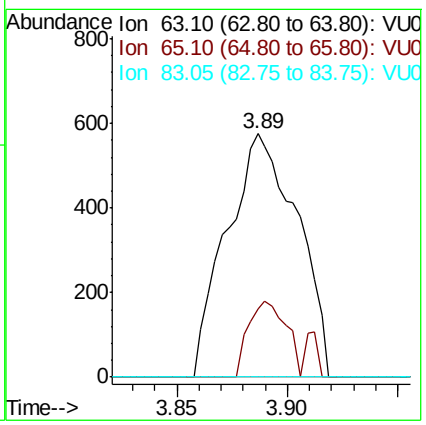


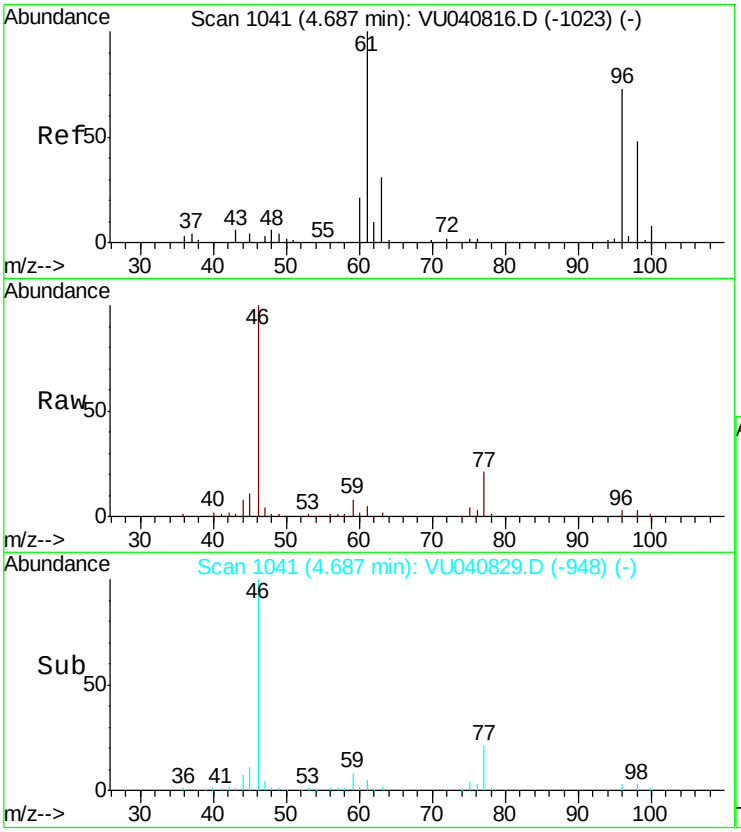


#19
1,1-Dichloroethane
Concen: 0.076 ug/L
RT: 3.89 min Scan# 792
Delta R.T. -0.00 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Tgt Ion: 63 Resp: 1276

Ion	Ratio	Lower	Upper
63	100		
65	28.1	21.9	40.7
83	0.0	9.6	17.8#



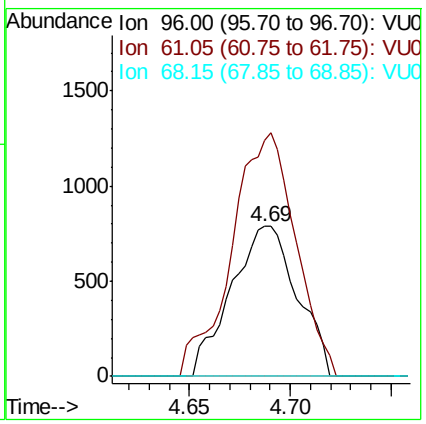


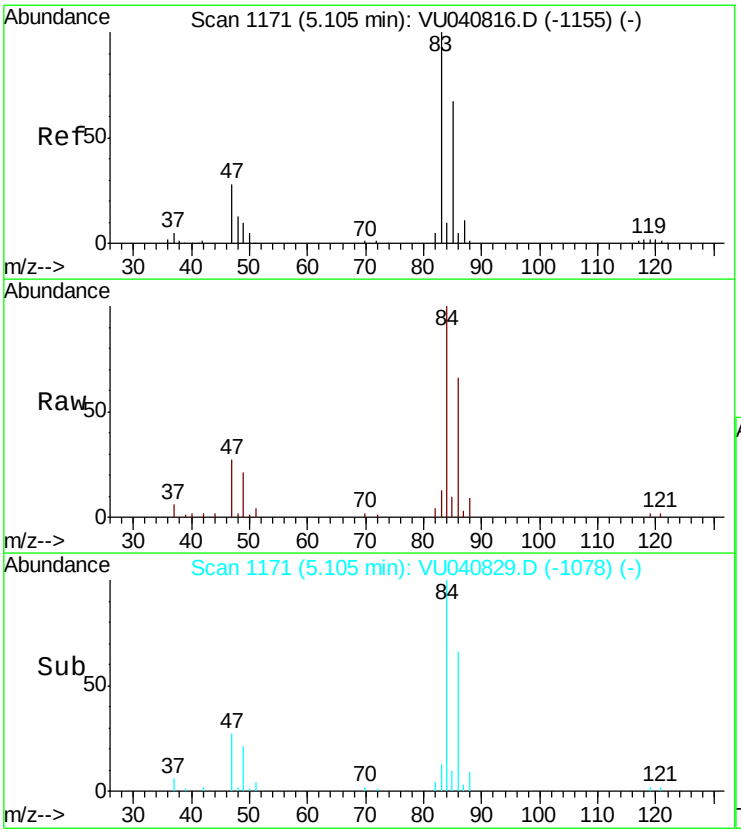
#22
cis-1,2-Dichloroethene
Concen: 0.206 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion: 96 Resp: 1799

Ion	Ratio	Lower	Upper
96	100		
61	157.0	99.8	185.4
68	0.0	0.0	0.0

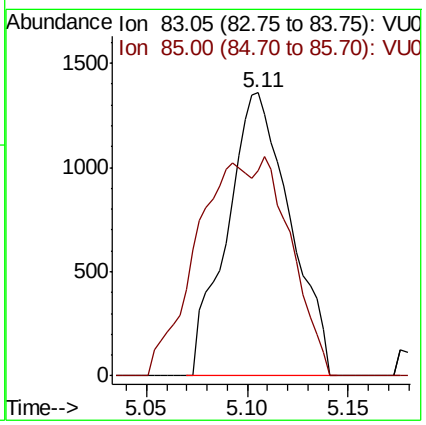


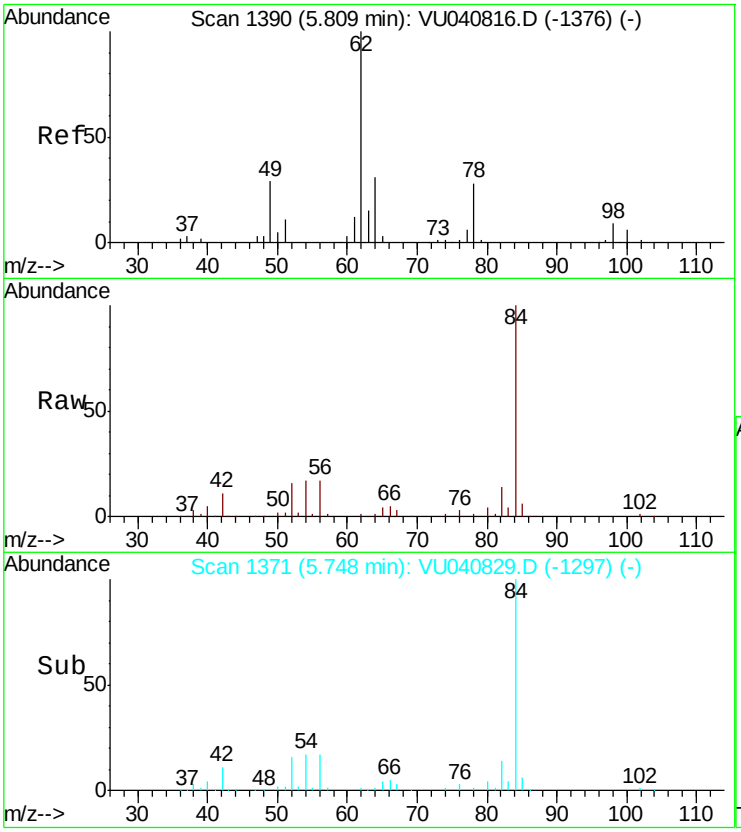


#25
Chloroform
Concen: 0.173 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Tgt Ion: 83 Resp: 2955

Ion	Ratio	Lower	Upper
83	100		
85	72.4	46.5	86.5



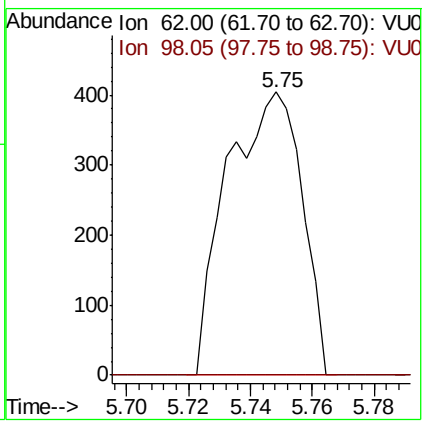


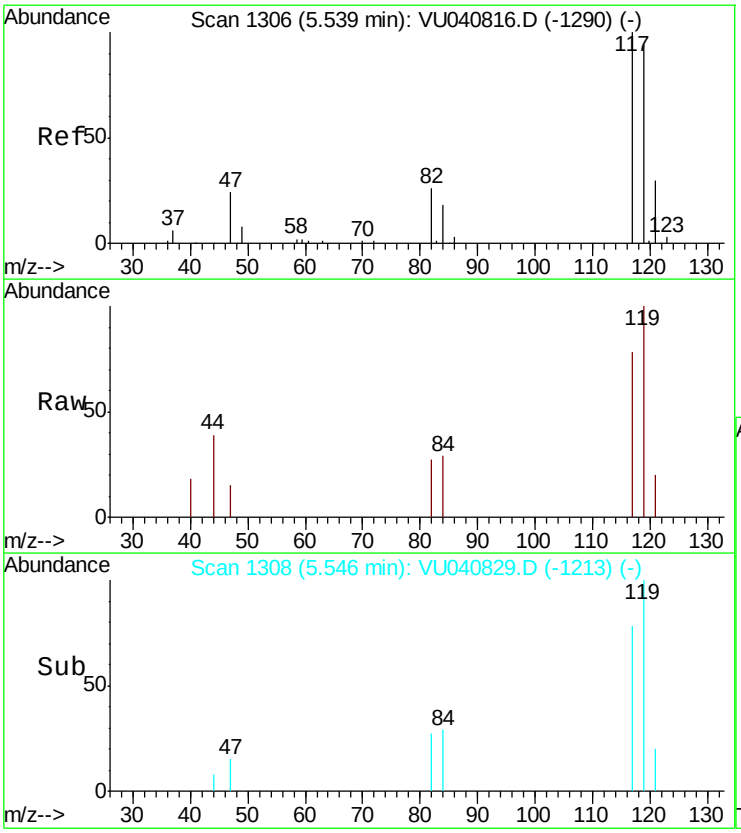
#27
1,2-Dichloroethane
Concen: 0.056 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion: 62 Resp: 678

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

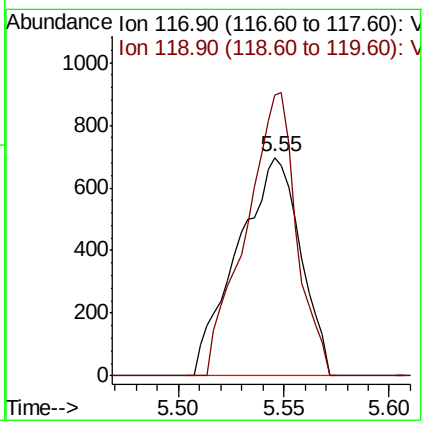


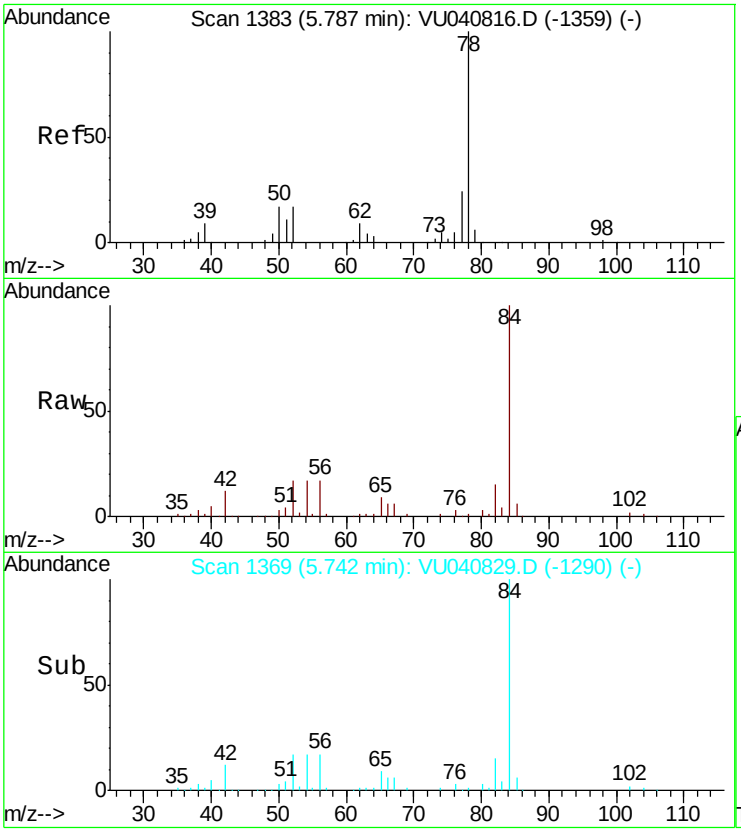


#31
Carbon tetrachloride
Concen: 0.112 ug/L
RT: 5.55 min Scan# 1308
Delta R.T. 0.01 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Tgt Ion:117 Resp: 1449

Ion	Ratio	Lower	Upper
117	100		
119	103.7	76.2	114.2

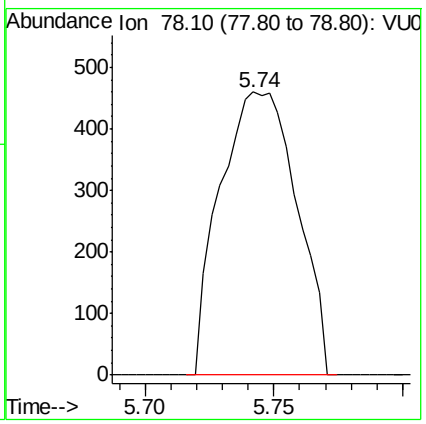


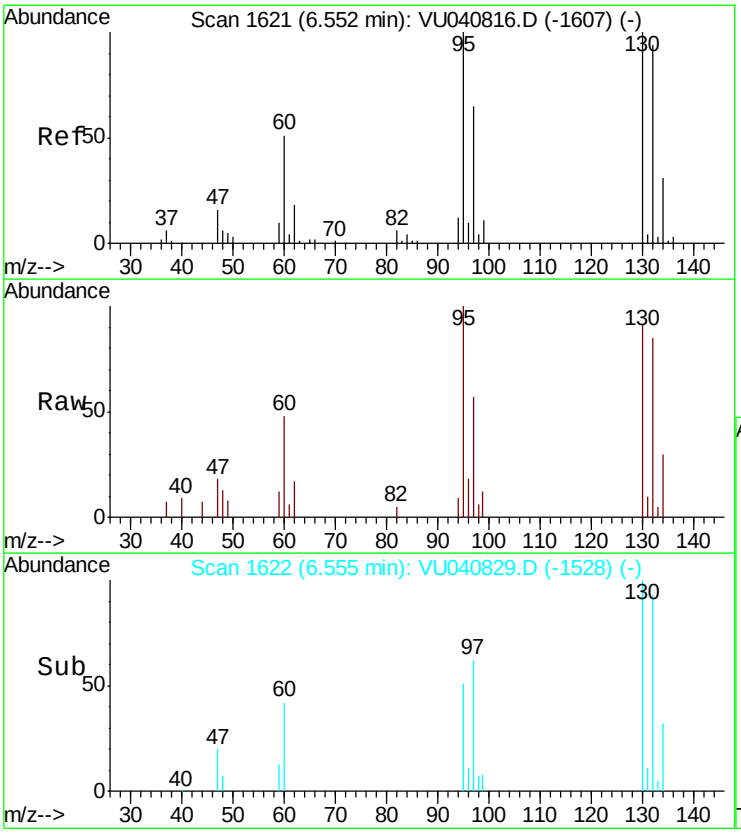


#33
Benzene
Concen: 0.026 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.04 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion: 78 Resp: 953

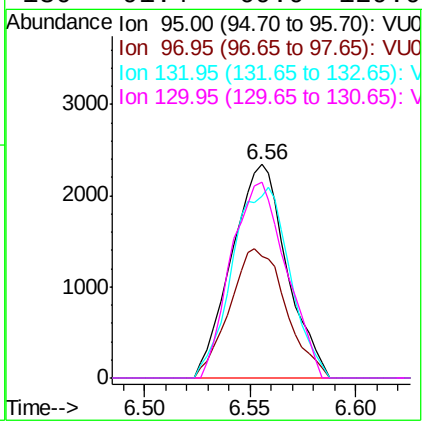


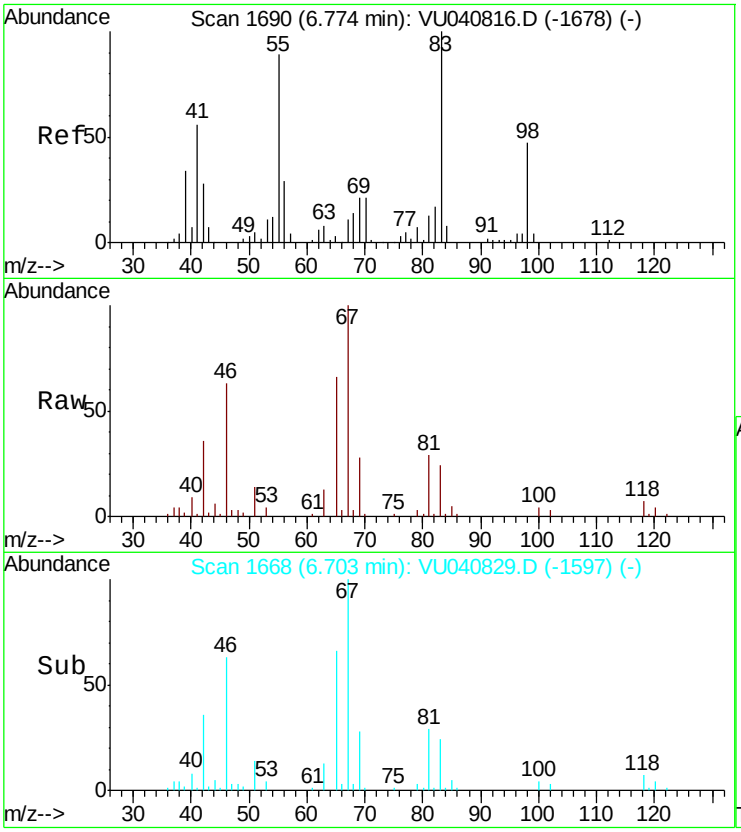


#34
Trichloroethene
Concen: 0.452 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Tgt Ion: 95 Resp: 4249

Ion	Ratio	Lower	Upper
95	100		
97	57.0	45.5	84.5
132	85.3	67.5	125.4
130	91.4	69.9	129.9



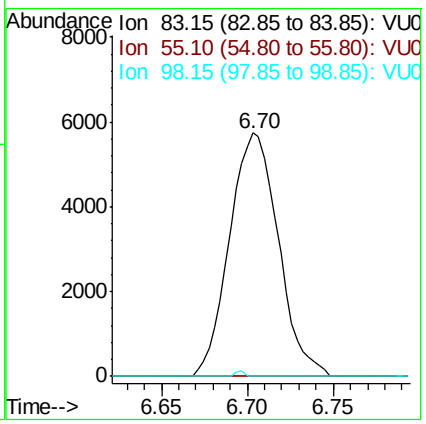


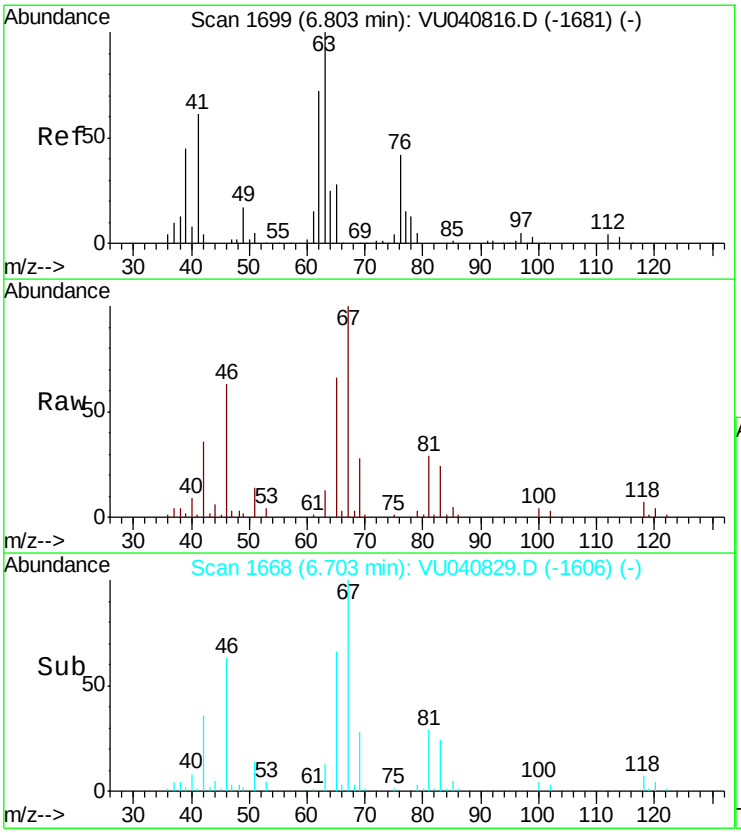
#35
Methylcyclohexane
Concen: 0.849 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Instrument : MSVOA_U
ClientSampleId : C0AL0

Tgt Ion: 83 Resp: 11310

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.4	38.4	57.6#

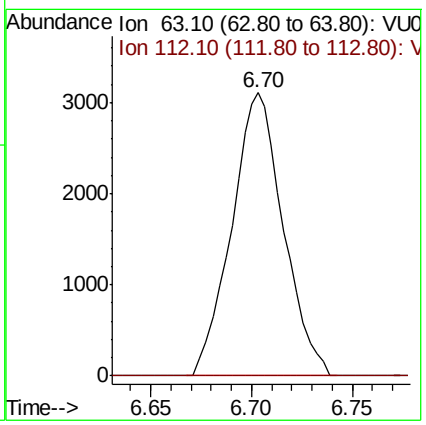


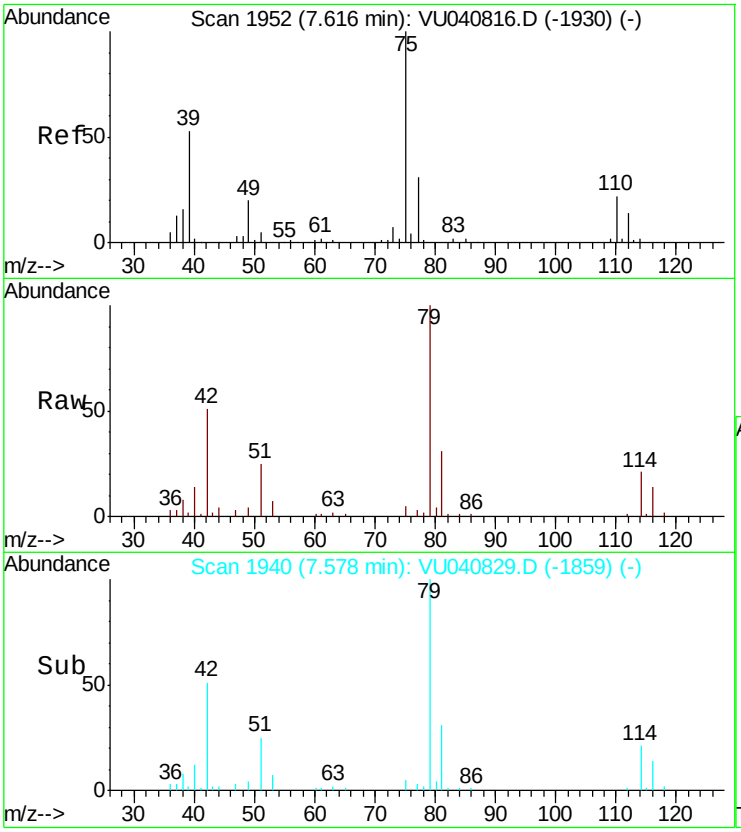


#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Tgt Ion: 63 Resp: 5542

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



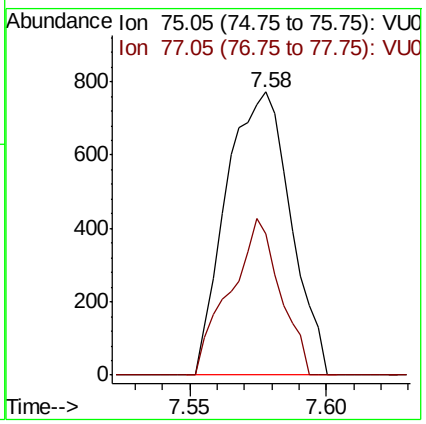


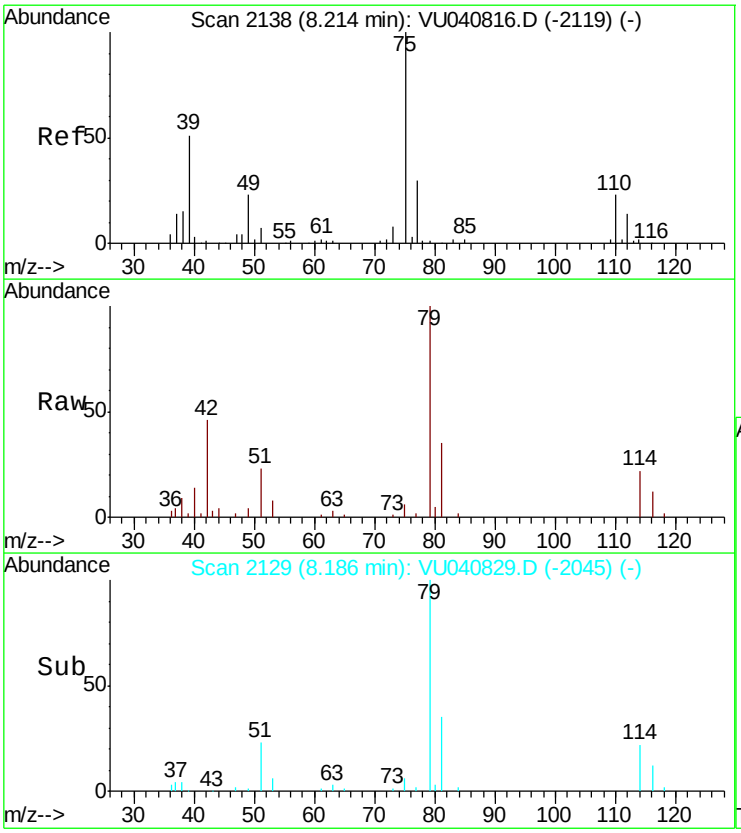
#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion: 75 Resp: 1267

Ion	Ratio	Lower	Upper
75	100		
77	50.1	20.5	38.1#

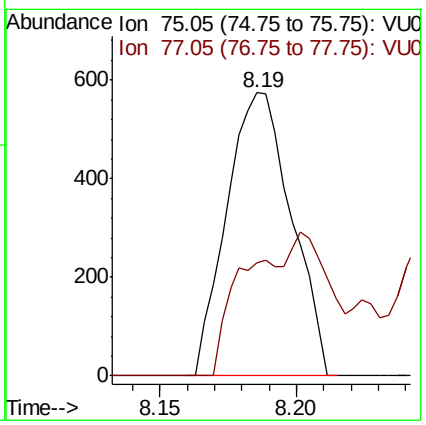


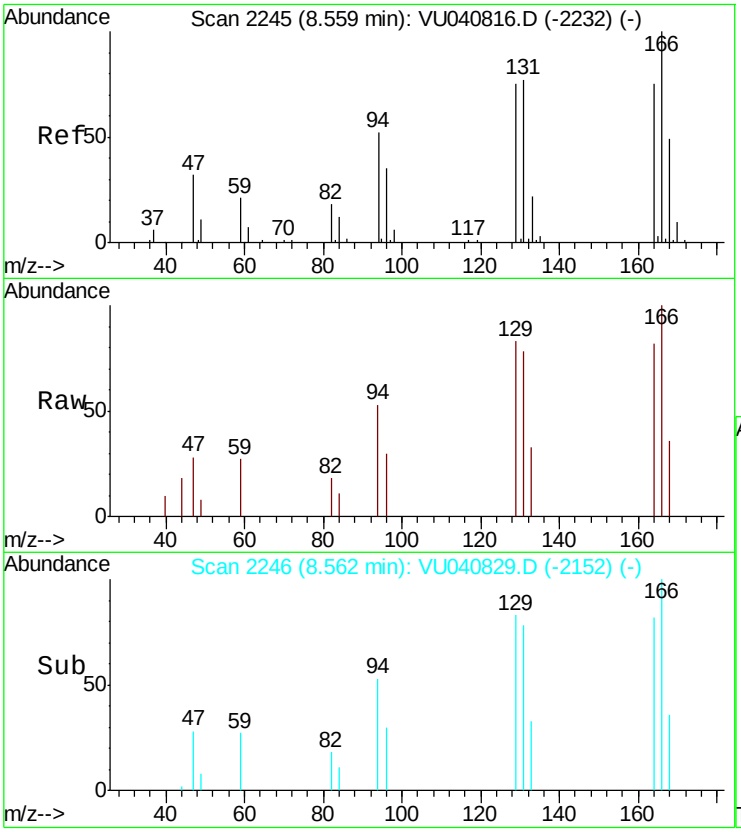


#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Tgt Ion: 75 Resp: 946

Ion	Ratio	Lower	Upper
75	100		
77	40.1	20.4	38.0#



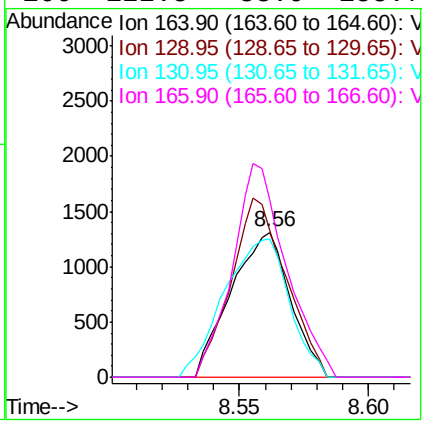


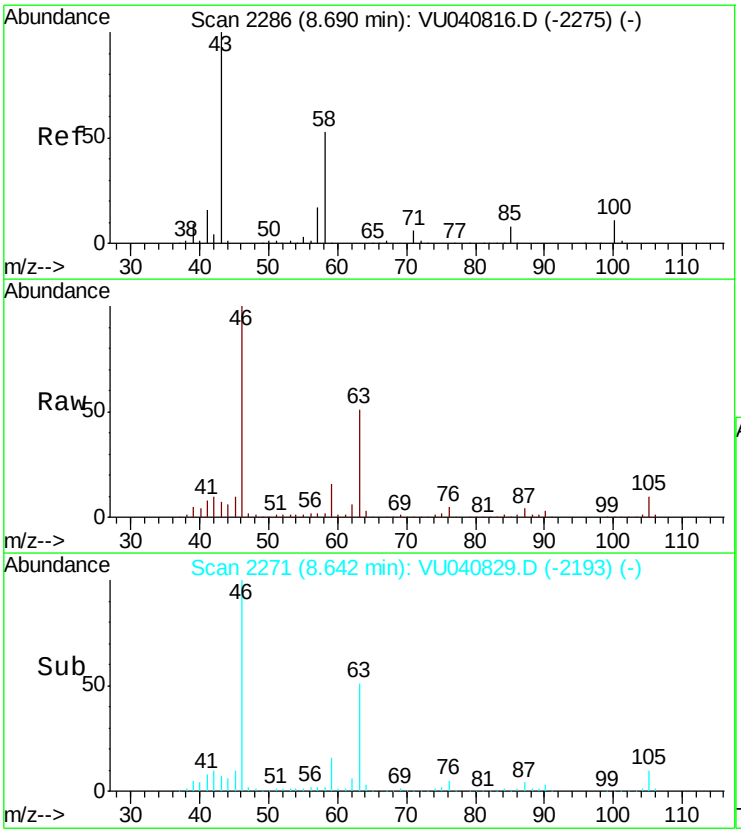
#47
Tetrachloroethene
Concen: 0.314 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Instrument : MSVOA_U
ClientSampleId : C0AL0

Tgt Ion:164 Resp: 2104

Ion	Ratio	Lower	Upper
164	100		
129	101.4	68.8	127.8
131	95.4	66.7	123.9
166	122.5	83.9	155.7

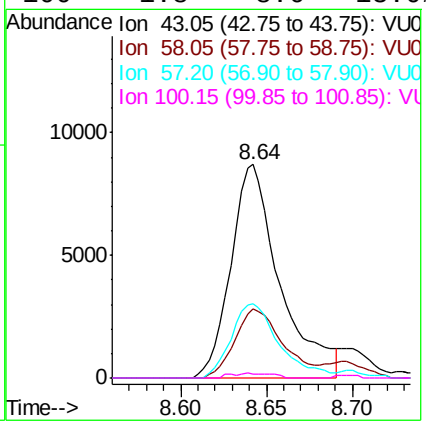


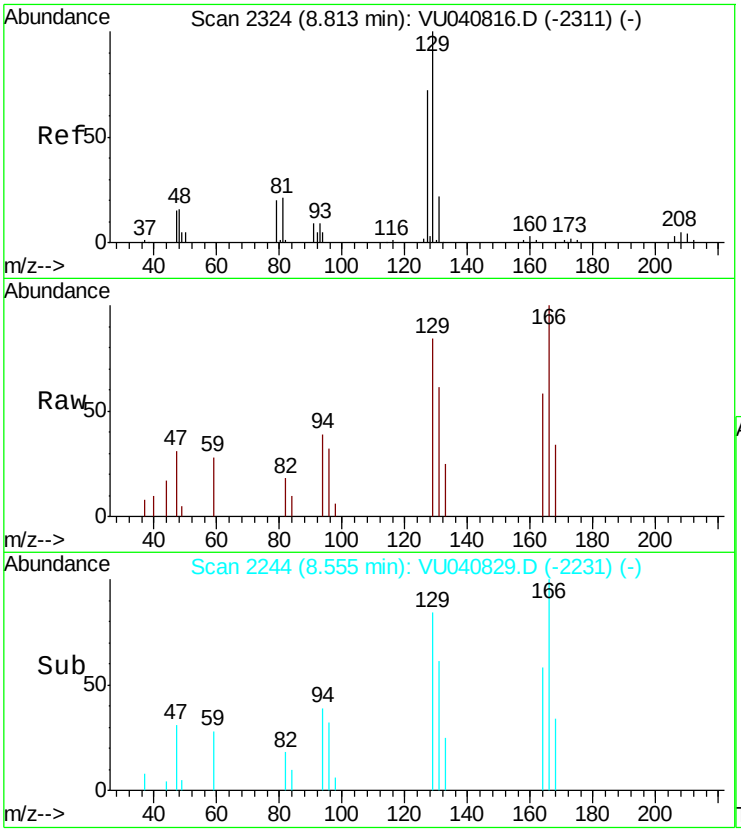


#48
2-Hexanone
Concen: 2.873 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Tgt Ion: 43 Resp: 17228

Ion	Ratio	Lower	Upper
43	100		
58	31.2	41.0	61.6#
57	34.1	14.4	21.6#
100	1.8	8.6	13.0#

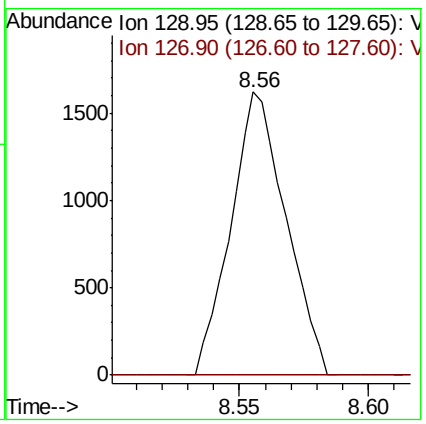




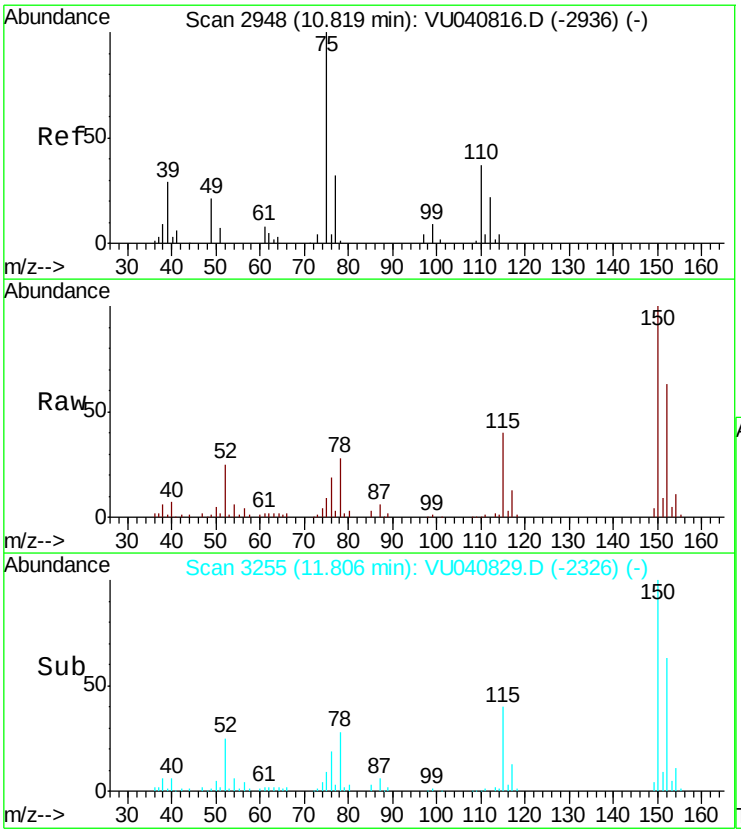
#49
Dibromochloromethane
Concen: 0.277 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Tgt Ion:129 Resp: 2411

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#



Instrument :
MSVOA_U
ClientSampleId :
C0AL0



#59
1,2,3-Trichloropropane
Concen: 0.814 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU040829.D
Acq: 20 Oct 2020 01:23

Tgt Ion: 75 Resp: 6042

Ion	Ratio	Lower	Upper
75	100		
77	39.1	26.4	39.6