Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122520\
Data File : VU041815.D
Acq On : 24 Dec 2020 19:29
Operator : SY/MD
Sample : L5204-01 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AL5

Quant Time: Dec 25 03:49:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 25 03:47:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125158	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124006	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55596	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	38752	3.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.20%			
7) Chloroethane-d5	1.92	69	41334	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.20%			
11) 1,1-Dichloroethene-d2	2.58	63	59641	3.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%			
20) 2-Butanone-d5	4.66	46	169603	60.34	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.68%			
24) Chloroform-d	5.08	84	83420	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.72	65	47106	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.74	84	155089	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
36) 1,2-Dichloropropane-d6	6.70	67	50601	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.91	98	126058	3.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.60%			
43) trans-1,3-Dichloropropene-	8.18	79	19703	3.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.80%			
46) 2-Hexanone-d5	8.64	63	123366	45.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.16%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49801	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	49872	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	800	0.078	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	550	0.064	ug/L #	22
12) 1,1-Dichloroethene	2.57	96	566	0.067	ug/L #	1
16) Methylene chloride	3.06	84	5773	0.569	ug/L	93
35) Methylcyclohexane	6.70	83	12431	0.772	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5169	0.510	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1096	0.073	ug/L #	35
44) trans-1,3-Dichloropropene	8.19	75	838	0.062	ug/L	94
48) 2-Hexanone	8.69	43	3482	0.663	ug/L #	36
59) 1,2,3-Trichloropropane	11.81	75	6370	0.836	ug/L	94
63) 1,4-Dichlorobenzene	11.83	146	1039	0.061	ug/L	87
65) 1,2-Dichlorobenzene	12.20	146	934	0.056	ug/L #	78
67) 1,3,5-Trichlorobenzene	13.83	180	1009	0.078	ug/L	87
68) 1,2,4-trichlorobenzene	13.83	180	1009	0.093	ug/L	86
69) Naphthalene	14.08	128	1920	0.086	ug/L #	85
70) 1,2,3-Trichlorobenzene	14.32	180	1054	0.102	ug/L #	86

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122520\
Data File : VU041815.D
Acq On : 24 Dec 2020 19:29
Operator : SY/MD
Sample : L5204-01 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AL5

Quant Time: Dec 25 03:49:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 25 03:47:04 2020
Response via : Initial Calibration

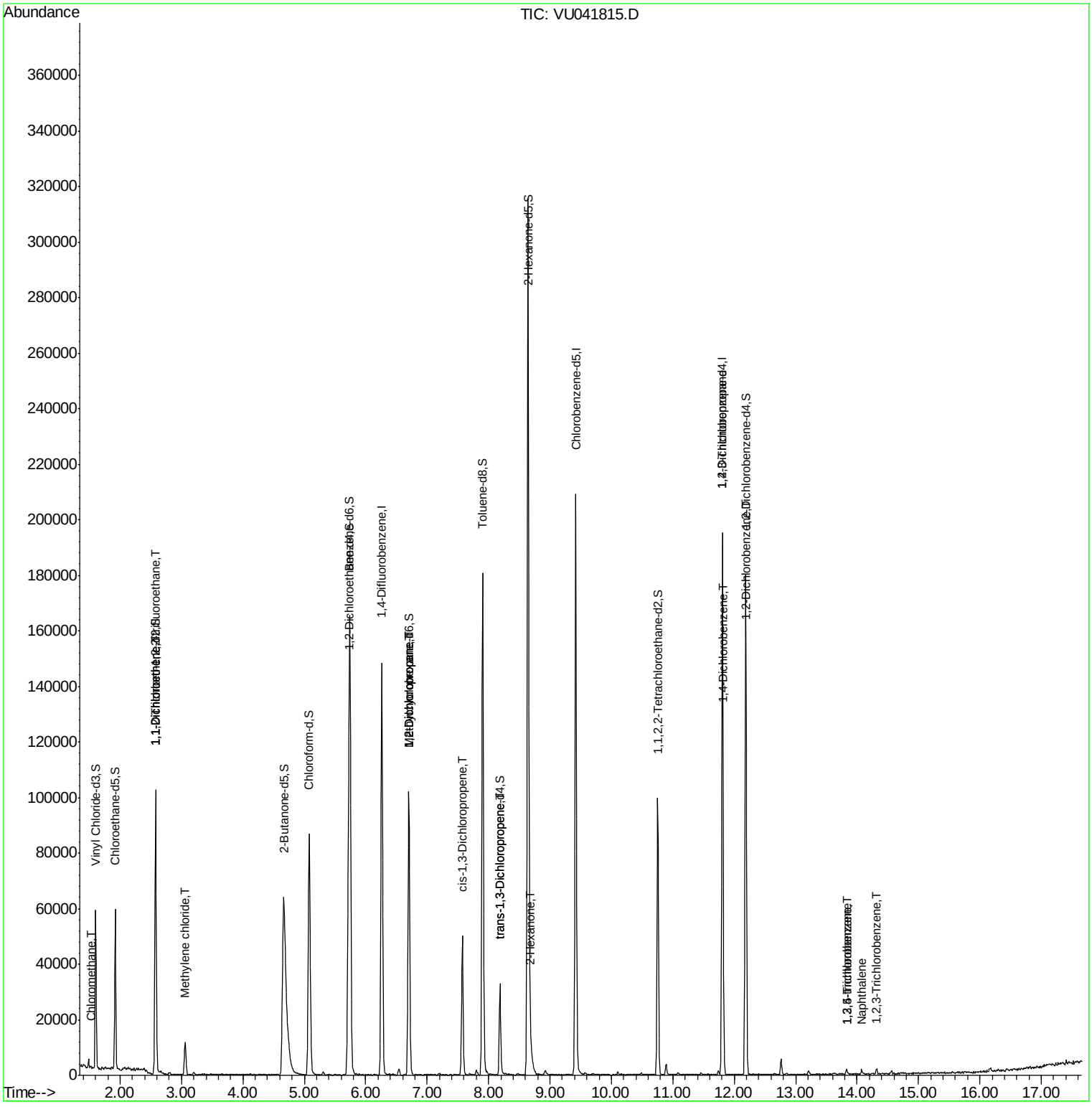
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

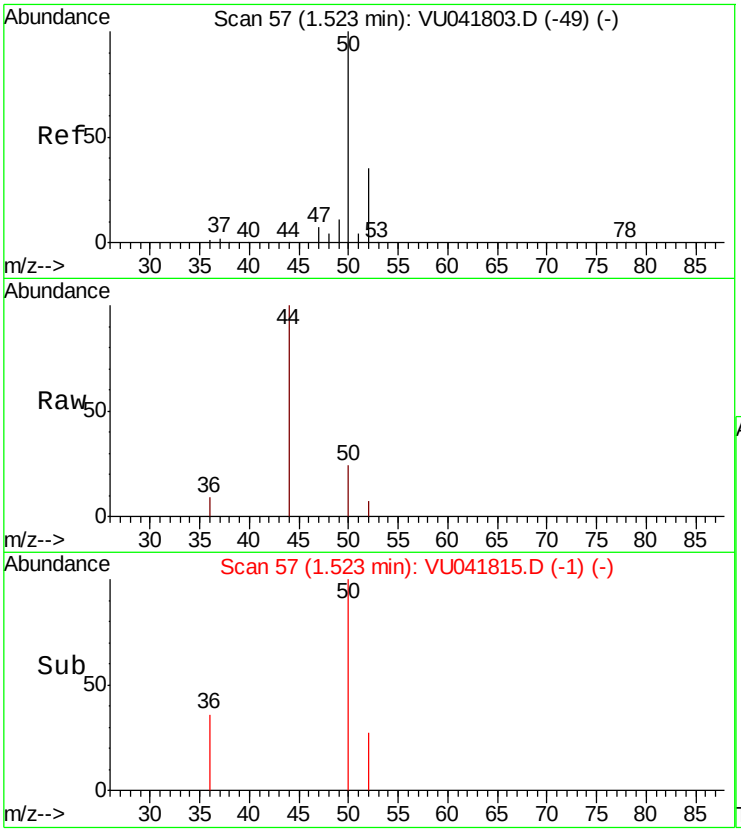
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122520\
Data File : VU041815.D
Acq On : 24 Dec 2020 19:29
Operator : SY/MD
Sample : L5204-01 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL5

Quant Time: Dec 25 03:49:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 25 03:47:04 2020
Response via : Initial Calibration



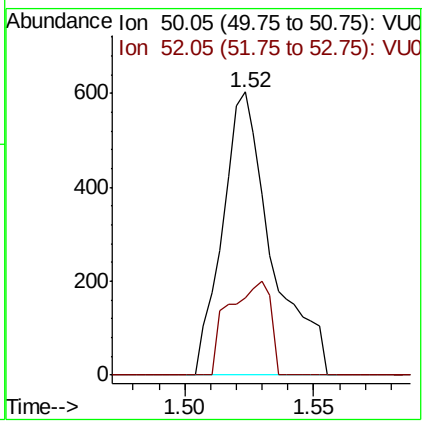


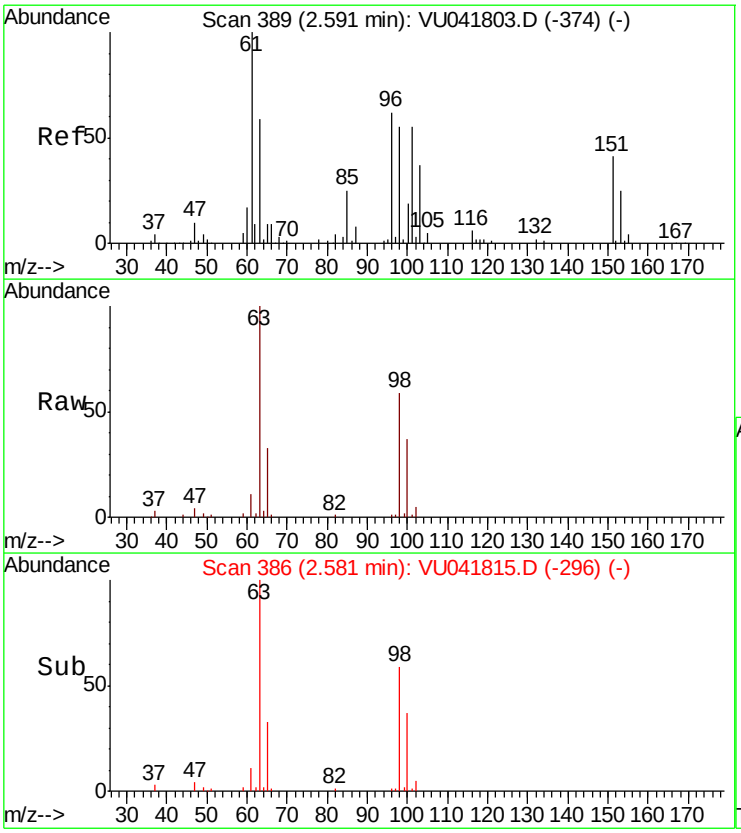
#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.52 min Scan# 57
Delta R.T. 0.00 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Instrument : MSVOA_U
ClientSampleId : C0AL5

Tgt Ion: 50 Resp: 800

Ion	Ratio	Lower	Upper
50	100		
52	27.4	24.1	44.8

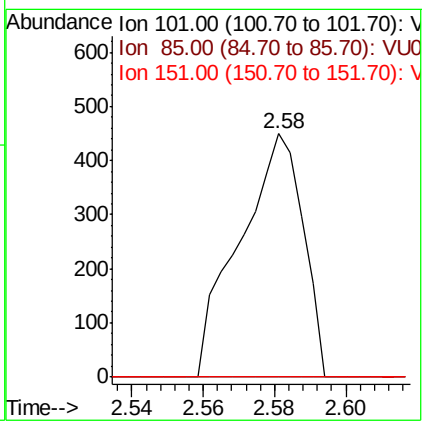


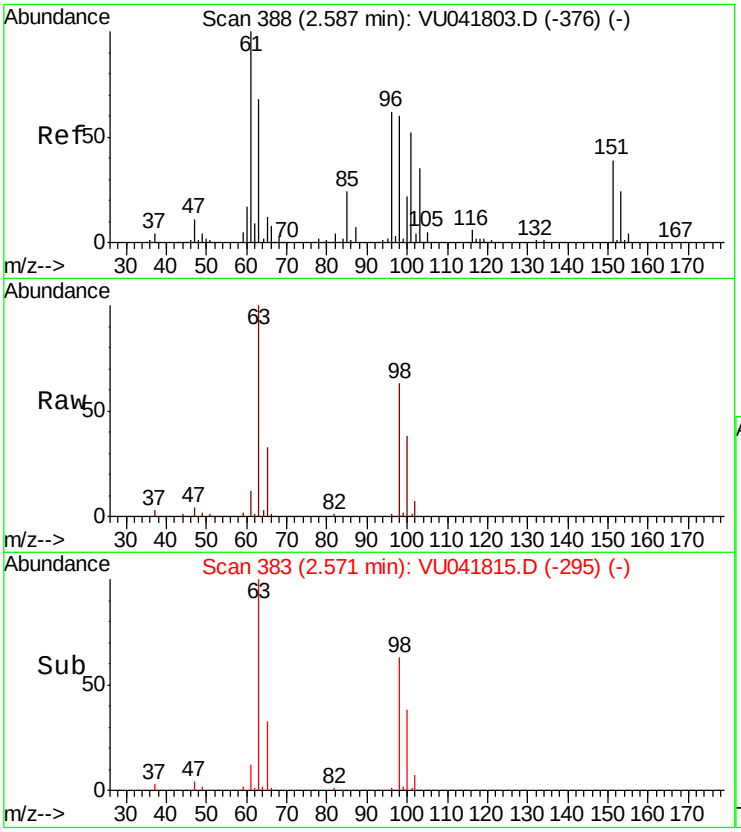


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Tgt Ion:101 Resp: 550

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	0.0	56.2	84.4#



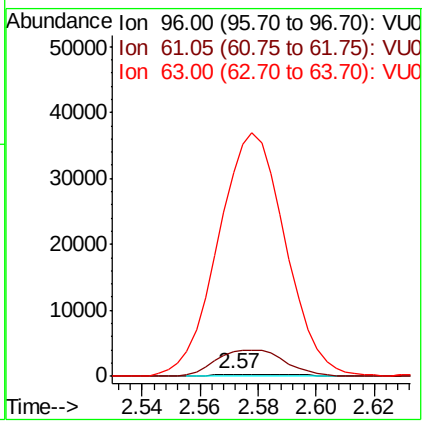


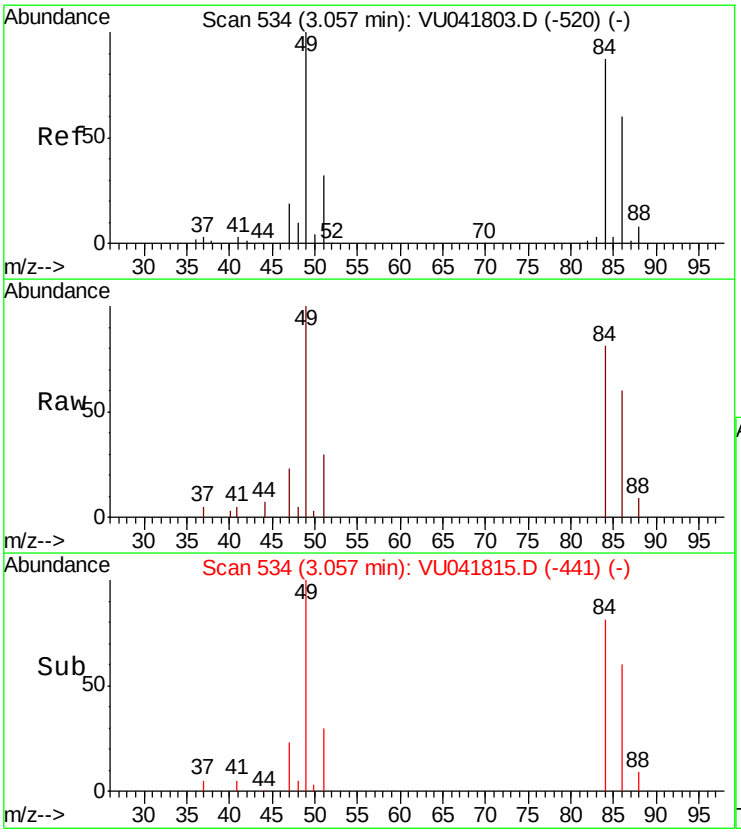
#12
1,1-Dichloroethene
Concen: 0.067 ug/L
RT: 2.57 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Instrument : MSVOA_U
ClientSampleId : C0AL5

Tgt Ion: 96 Resp: 566

Ion	Ratio	Lower	Upper
96	100		
61	1258.4	123.8	230.0#
63	10544.7	81.0	150.4#

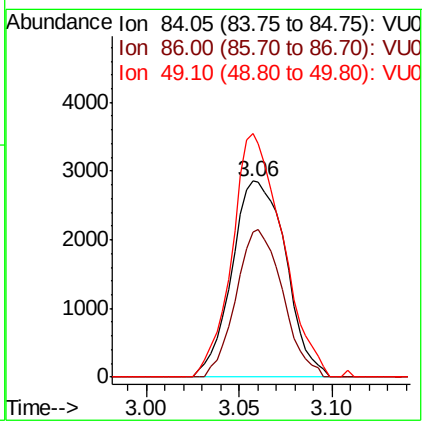


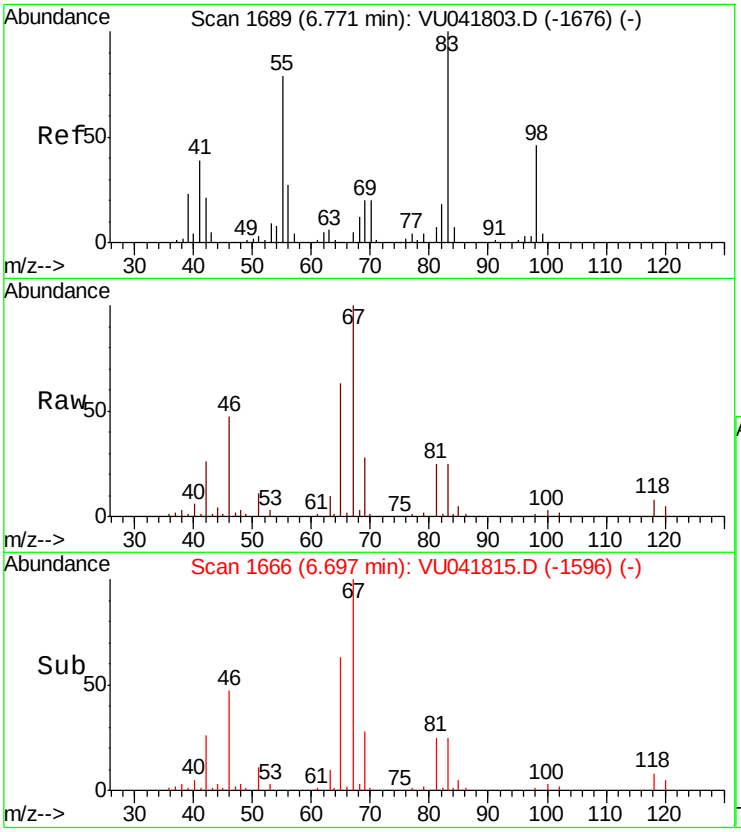


#16
Methylene chloride
Concen: 0.569 ug/L
RT: 3.06 min Scan# 534
Delta R.T. 0.00 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Tgt Ion: 84 Resp: 5773

Ion	Ratio	Lower	Upper
84	100		
86	73.9	45.1	83.7
49	124.1	83.1	154.3



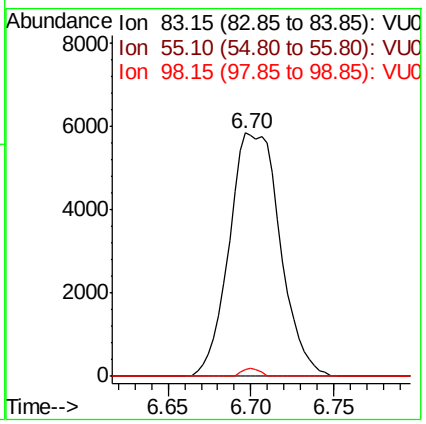


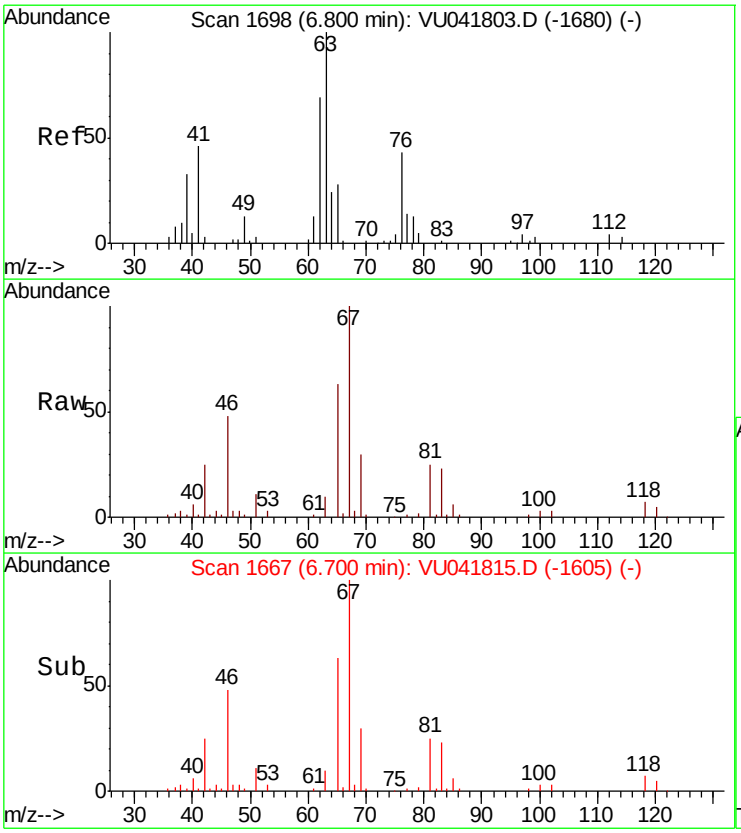
#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.07 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Instrument : MSVOA_U
ClientSampleId : C0AL5

Tgt Ion: 83 Resp: 12431

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	1.1	36.6	54.8#

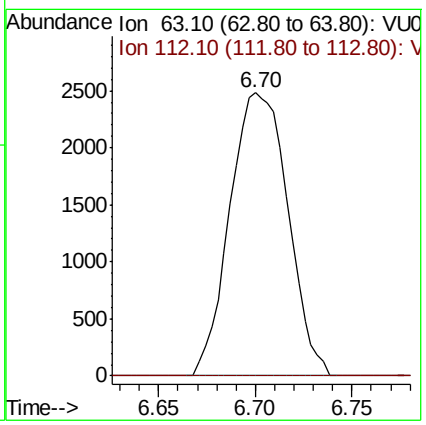


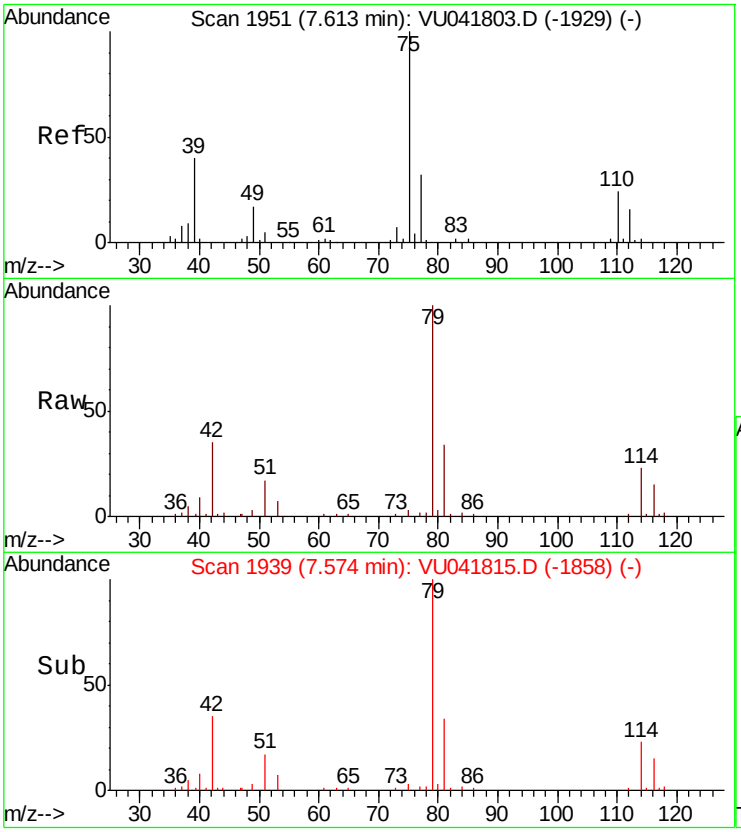


#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Tgt Ion: 63 Resp: 5169

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



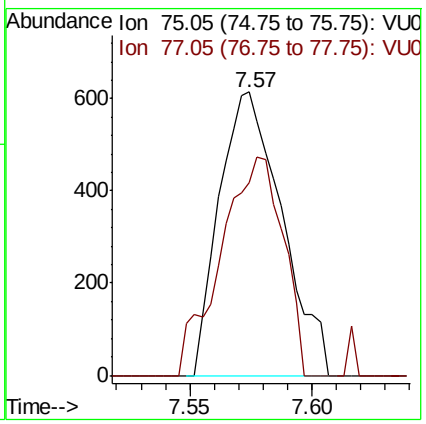


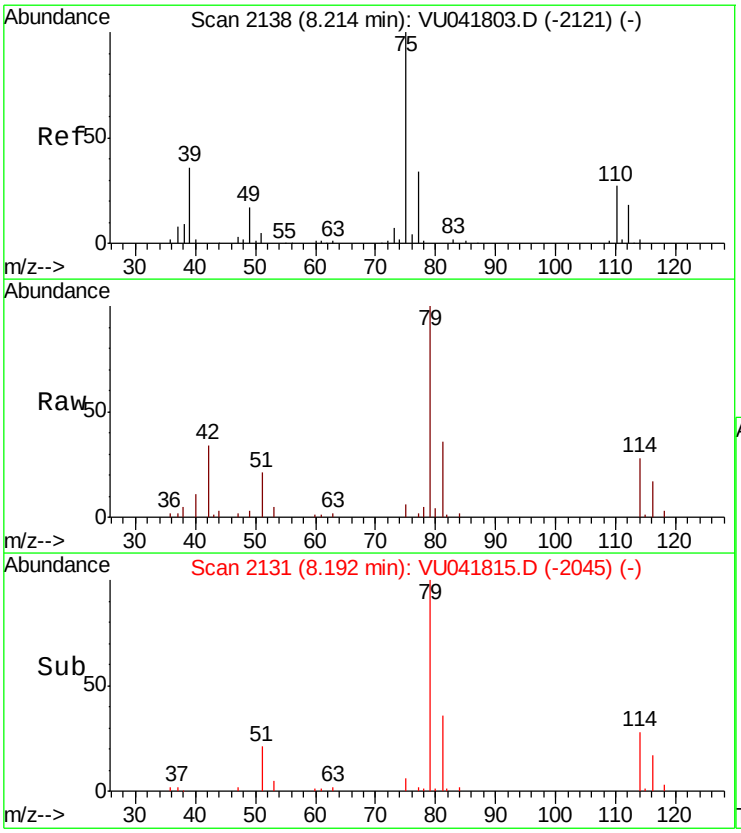
#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
C0AL5

Tgt Ion: 75 Resp: 1096

Ion	Ratio	Lower	Upper
75	100		
77	68.1	22.3	41.3#

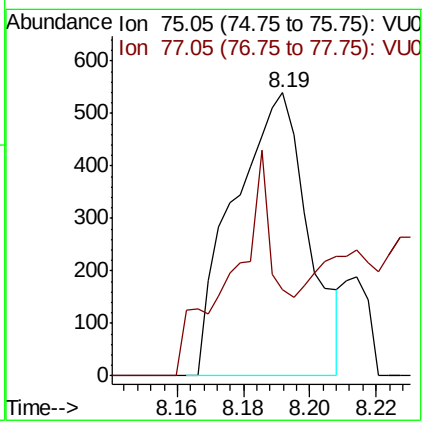


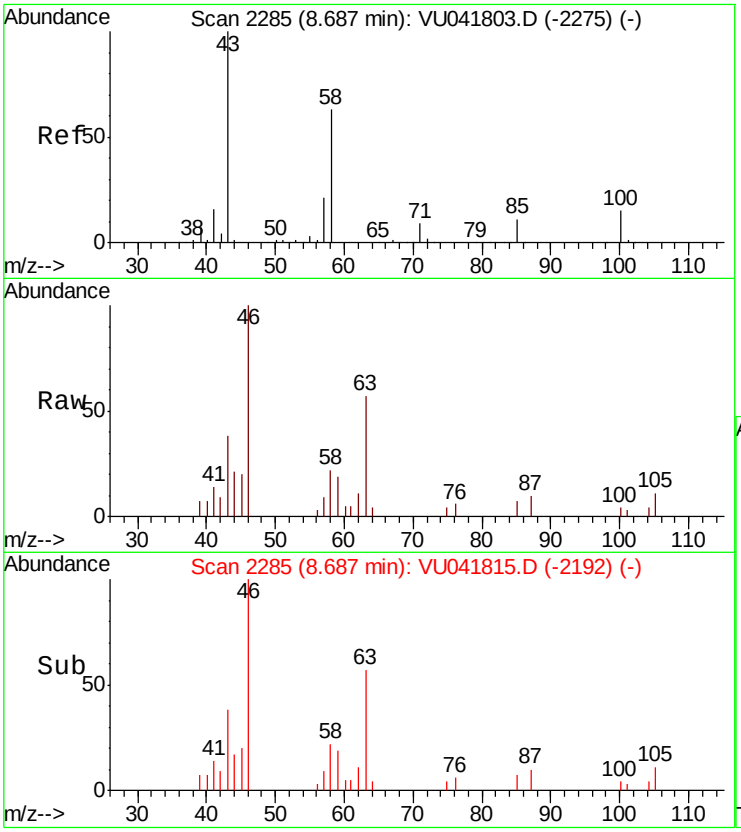


#44
trans-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Tgt Ion: 75 Resp: 838

Ion	Ratio	Lower	Upper
75	100		
77	30.4	23.8	44.2



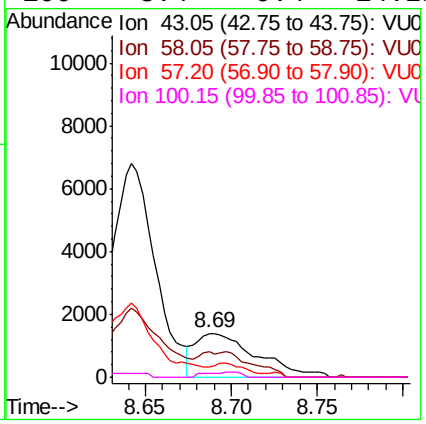


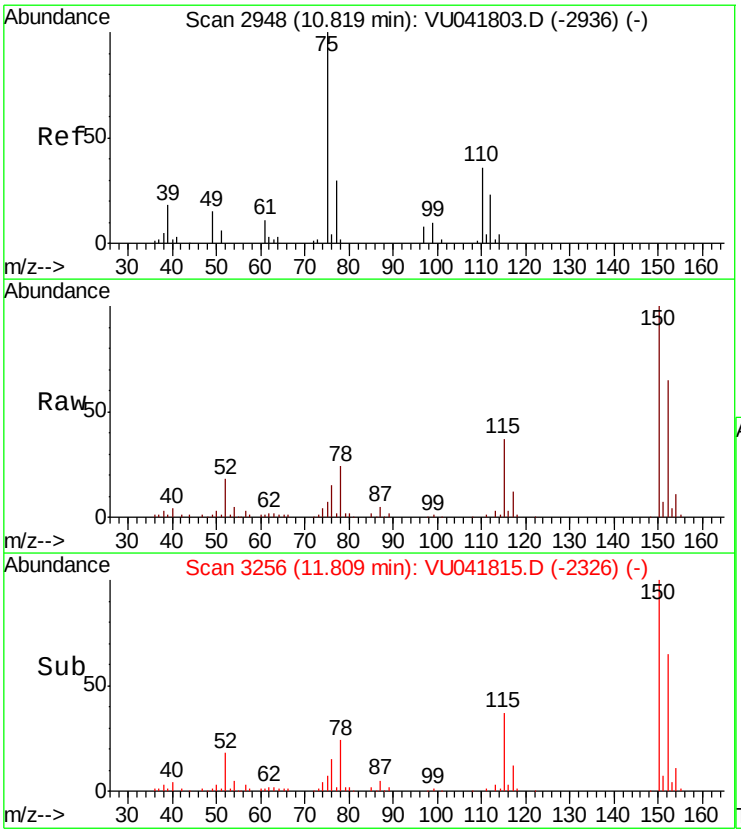
#48
2-Hexanone
Concen: 0.663 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Instrument : MSVOA_U
ClientSampleId : C0AL5

Tgt Ion: 43 Resp: 3482

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.9	71.9#
57	0.0	16.5	24.7#
100	3.4	9.4	14.2#

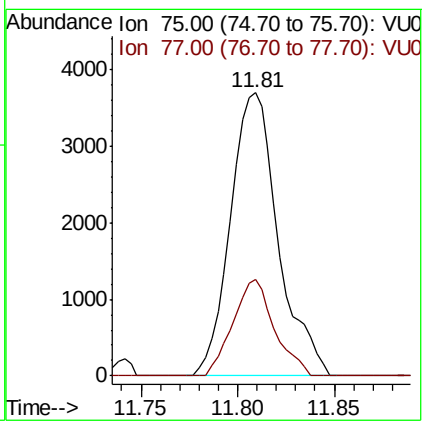


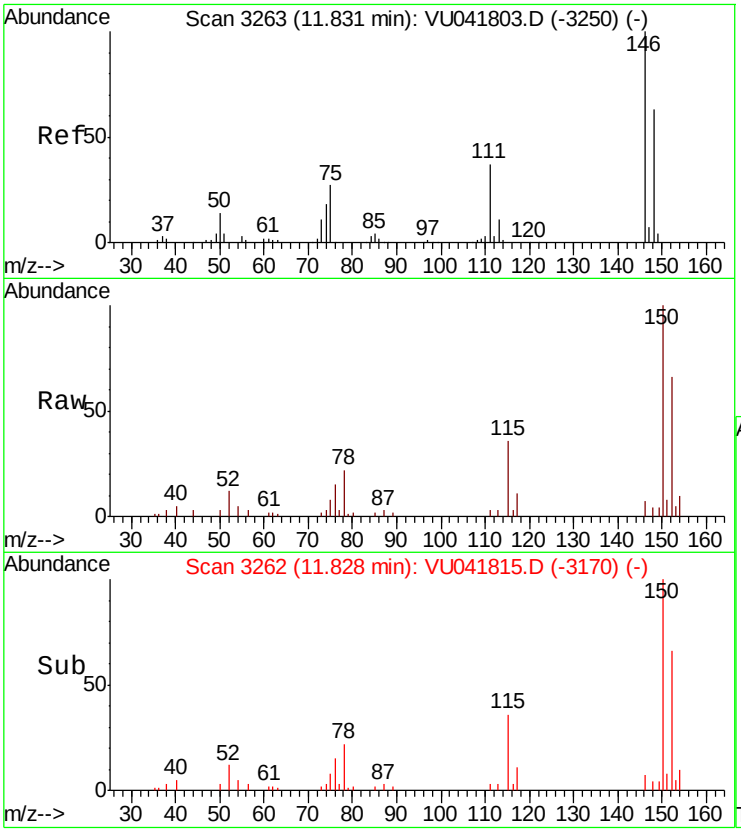


#59
1,2,3-Trichloropropane
Concen: 0.836 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Tgt Ion: 75 Resp: 6370

Ion	Ratio	Lower	Upper
75	100		
77	29.6	26.2	39.2



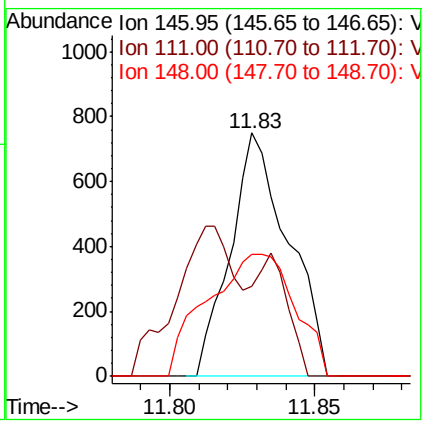


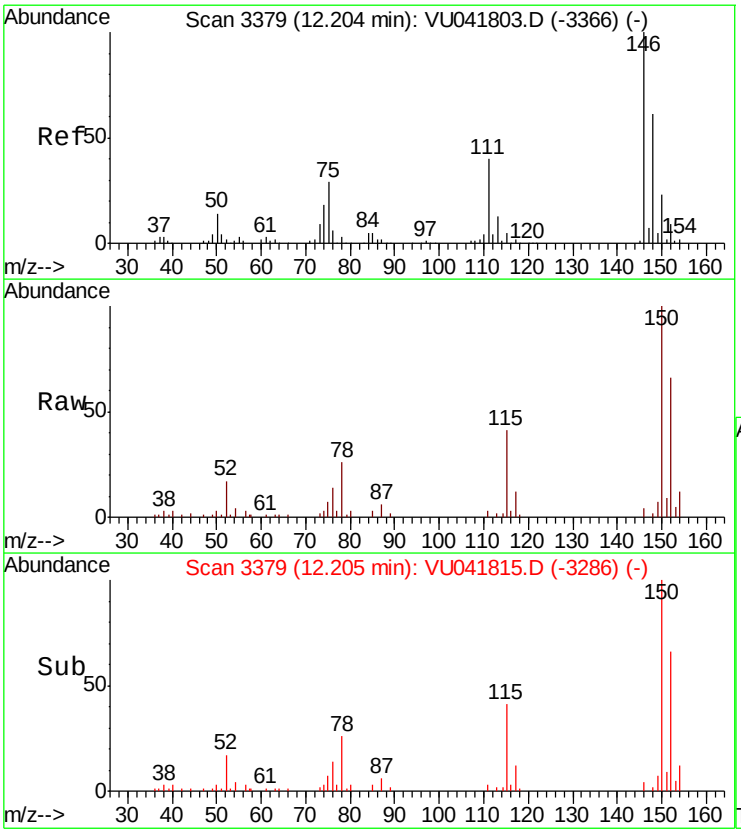
#63
1,4-Dichlorobenzene
Concen: 0.061 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. -0.00 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Instrument : MSVOA_U
ClientSampleId : C0AL5

Tgt Ion:146 Resp: 1039

Ion	Ratio	Lower	Upper
146	100		
111	36.8	27.9	51.9
148	49.9	45.0	83.6

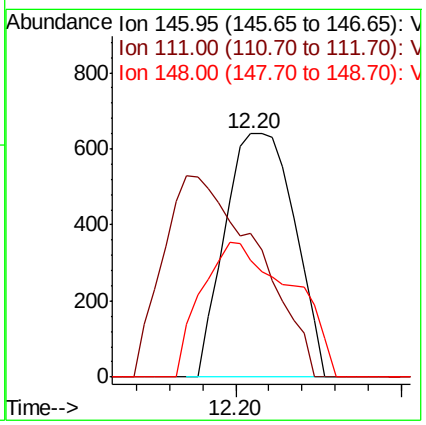


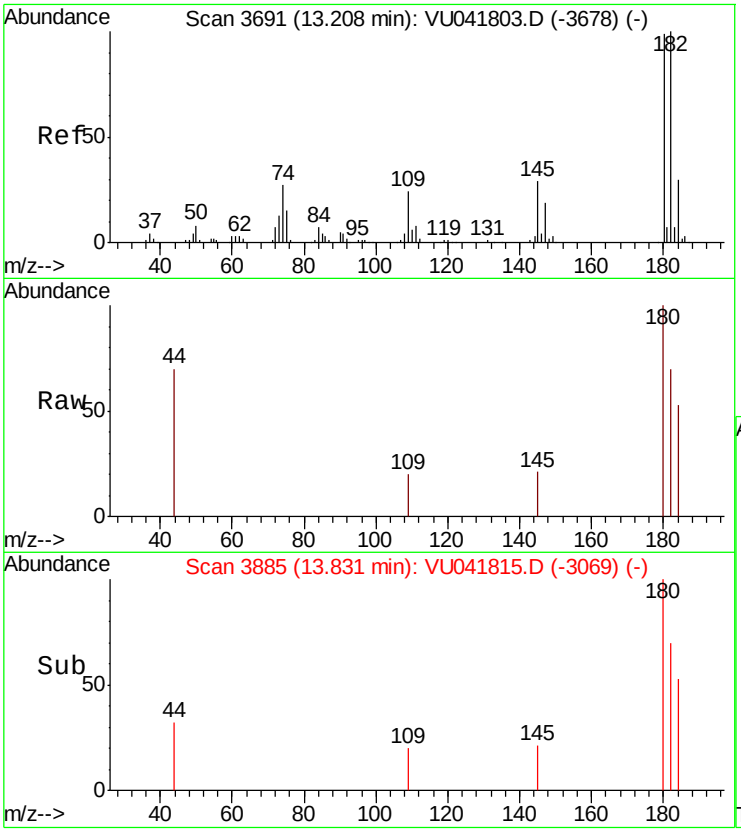


#65
1,2-Dichlorobenzene
Concen: 0.056 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Tgt Ion:146 Resp: 934

Ion	Ratio	Lower	Upper
146	100		
111	59.2	35.0	52.6#
148	48.0	51.0	76.6#



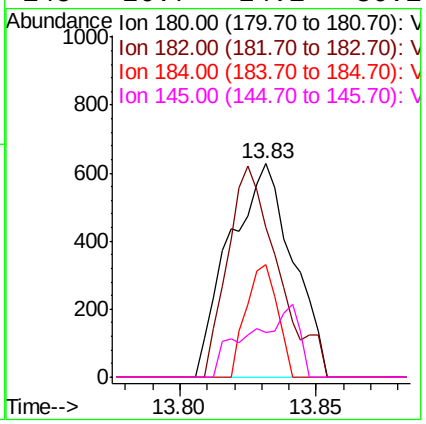


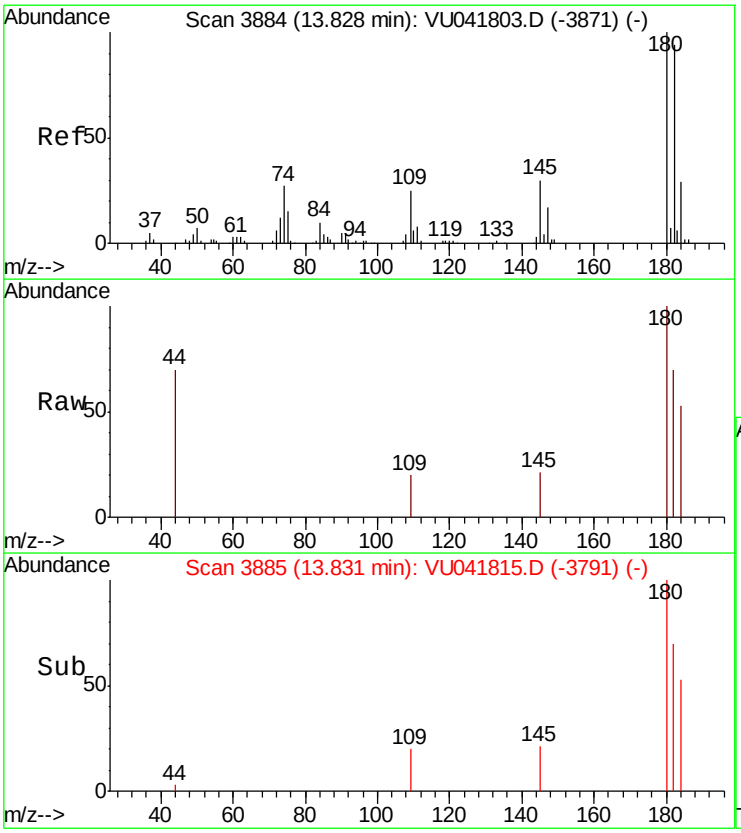
#67
1,3,5-Trichlorobenzene
Concen: 0.078 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.62 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
C0AL5

Tgt Ion:180 Resp: 1009

Ion	Ratio	Lower	Upper
180	100		
182	78.9	76.3	114.5
184	25.8	24.1	36.1
145	26.7	24.1	36.1

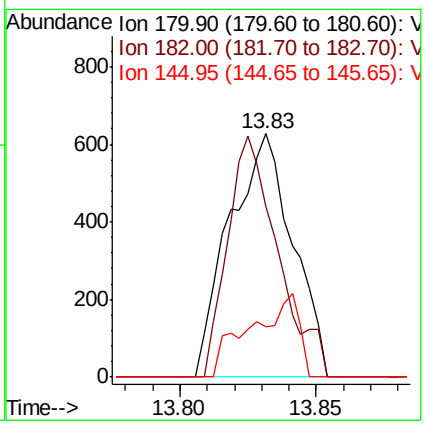


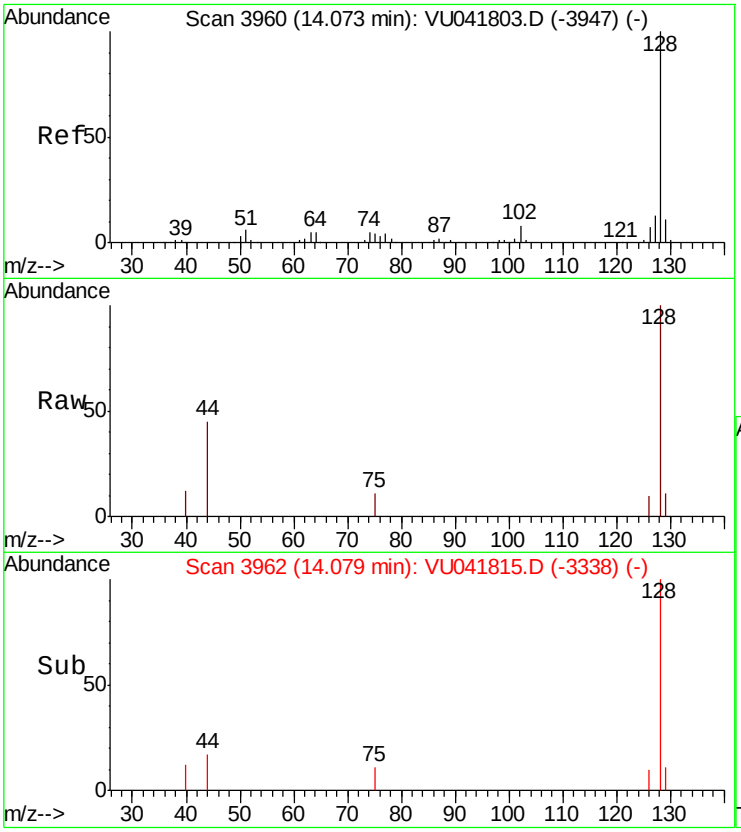


#68
1,2,4-trichlorobenzene
Concen: 0.093 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Tgt Ion:180 Resp: 1009

Ion	Ratio	Lower	Upper
180	100		
182	78.9	75.4	113.0
145	26.7	24.5	36.7



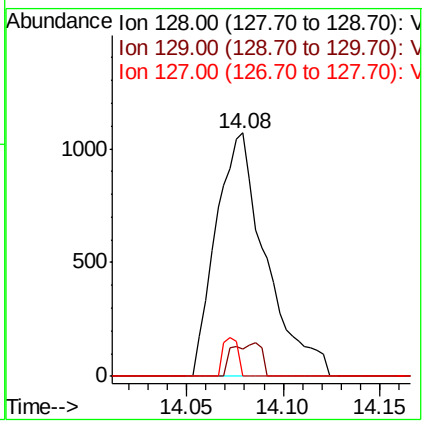


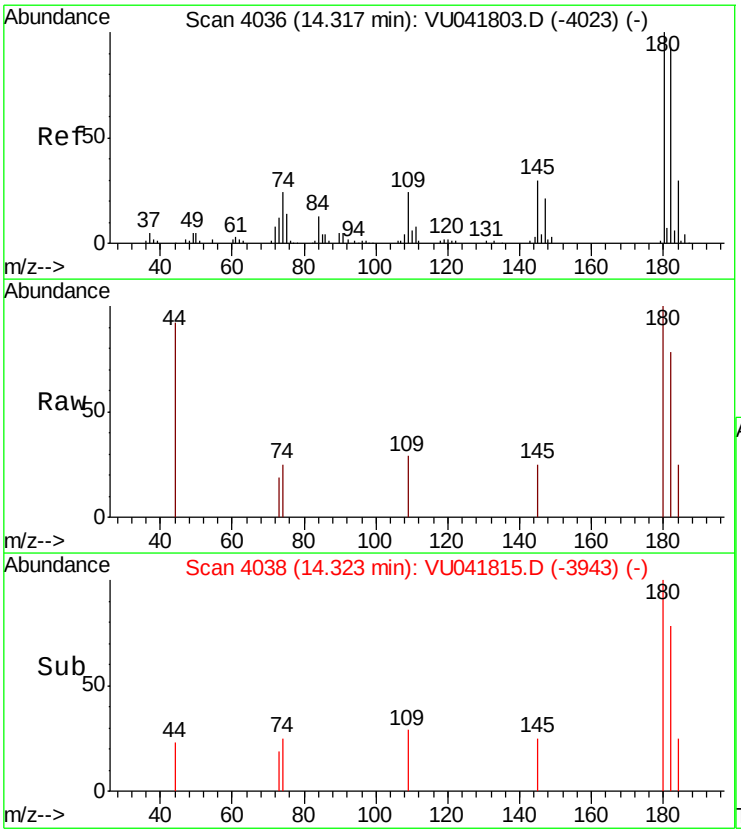
#69
Naphthalene
Concen: 0.086 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. 0.01 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Instrument : MSVOA_U
ClientSampleId : C0AL5

Tgt Ion:128 Resp: 1920

Ion	Ratio	Lower	Upper
128	100		
129	8.0	8.7	13.1#
127	4.7	10.2	15.4#





#70
1,2,3-Trichlorobenzene
Concen: 0.102 ug/L
RT: 14.32 min Scan# 4038
Delta R.T. 0.01 min
Lab File: VU041815.D
Acq: 24 Dec 2020 19:29

Tgt Ion:180 Resp: 1054

Ion	Ratio	Lower	Upper
180	100		
182	88.1	77.0	115.4
145	15.3	26.4	39.6#