Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120420\
Data File : VU041475.D
Acq On : 04 Dec 2020 17:01
Operator : SY/MD
Sample : L4944-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AQ2

Quant Time: Dec 05 05:27:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 05 05:22:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49562	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	50382	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25252	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	11130	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.92	69	10803	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.58	63	21865	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.00%			
20) 2-Butanone-d5	4.65	46	51981	54.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.90%			
24) Chloroform-d	5.08	84	34226	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.72	65	24396	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	5.74	84	53144	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.70	67	15418	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.91	98	49658	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	8.19	79	9015	4.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.60%			
46) 2-Hexanone-d5	8.64	63	37271	46.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.12%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	17684	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	22563	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	82	0.037	ug/L #	45
13) Acetone	2.66	43	843	1.134	ug/L	66
21) 2-Butanone	4.83	43	36669	39.433	ug/L #	44
27) 1,2-Dichloroethane	5.74	62	251	0.047	ug/L #	79
33) Benzene	5.74	78	360	0.029	ug/L	100
35) Methylcyclohexane	6.70	83	4540	0.884	ug/L #	17
37) 1,2-Dichloropropane	6.71	63	2349	0.804	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	750	0.142	ug/L #	76
40) 4-Methyl-2-pentanone	7.72	43	1306	0.558	ug/L #	43
44) trans-1,3-Dichloropropene	8.19	75	406	0.077	ug/L	92
47) Tetrachloroethene	8.55	164	176	0.059	ug/L	84
59) 1,2,3-Trichloropropane	11.81	75	2578	0.909	ug/L #	70

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

Quantitation Report (Not Reviewed)

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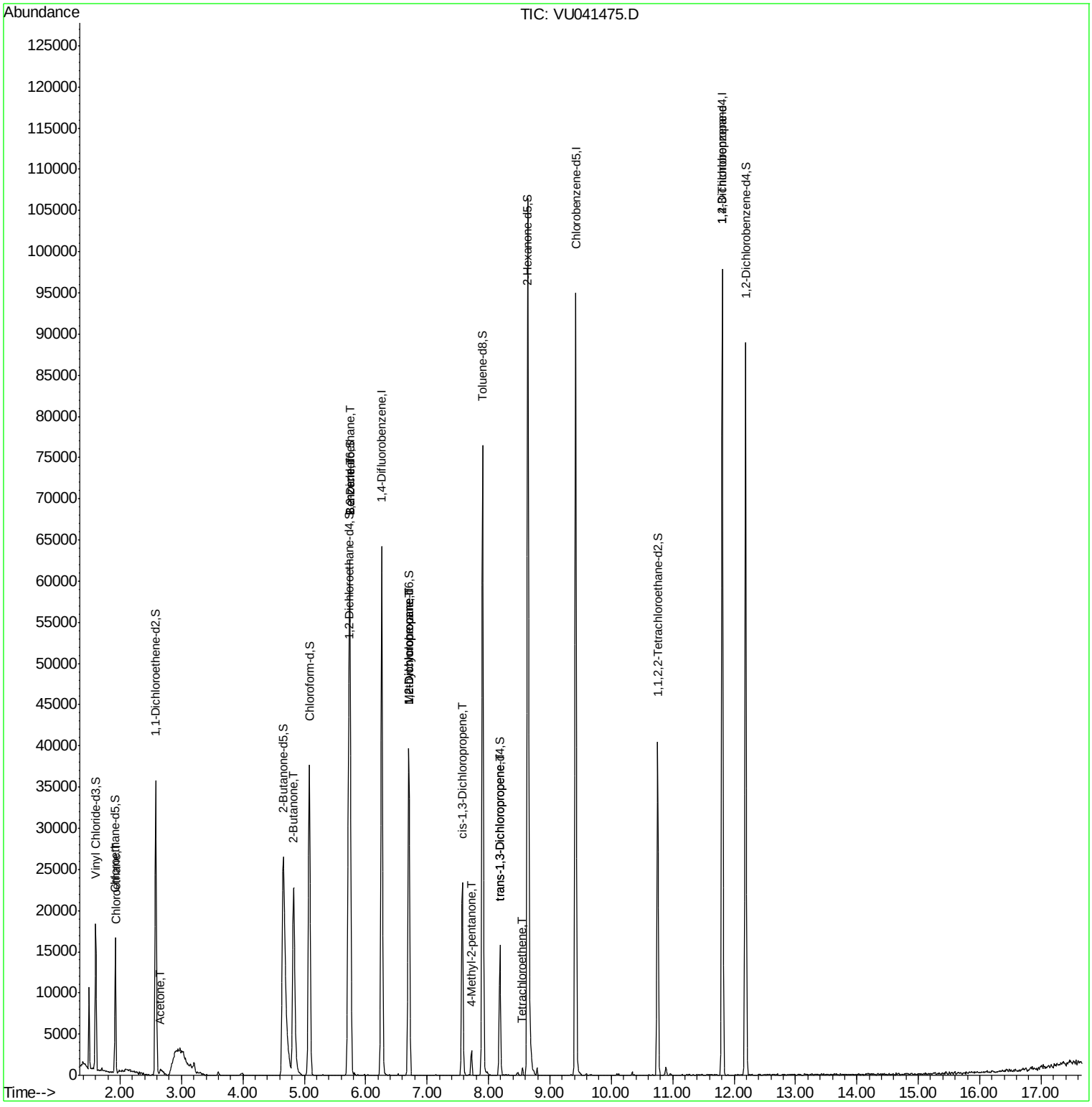
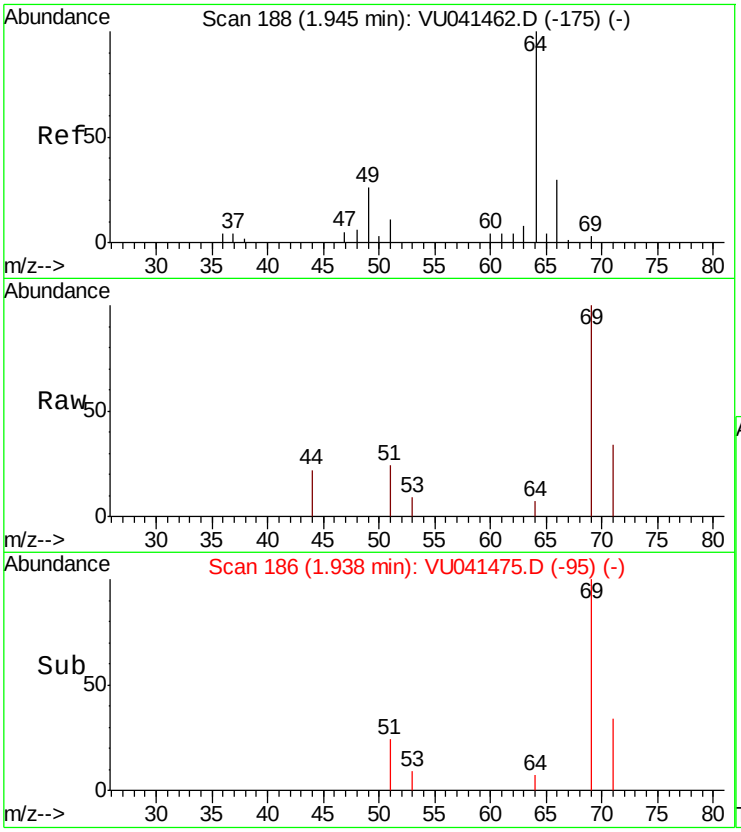
Operator : SY/MD
Sample : L4944-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AQ2

Quant Time: Dec 05 05:27:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 05 05:22:35 2020
Response via : Initial Calibration



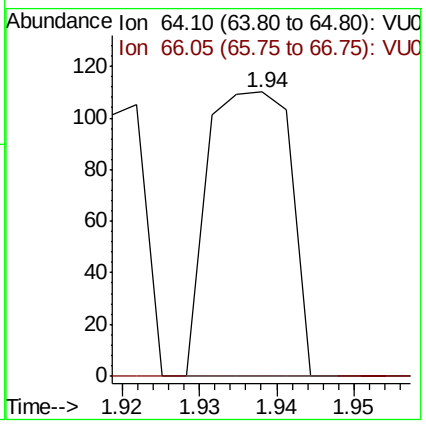


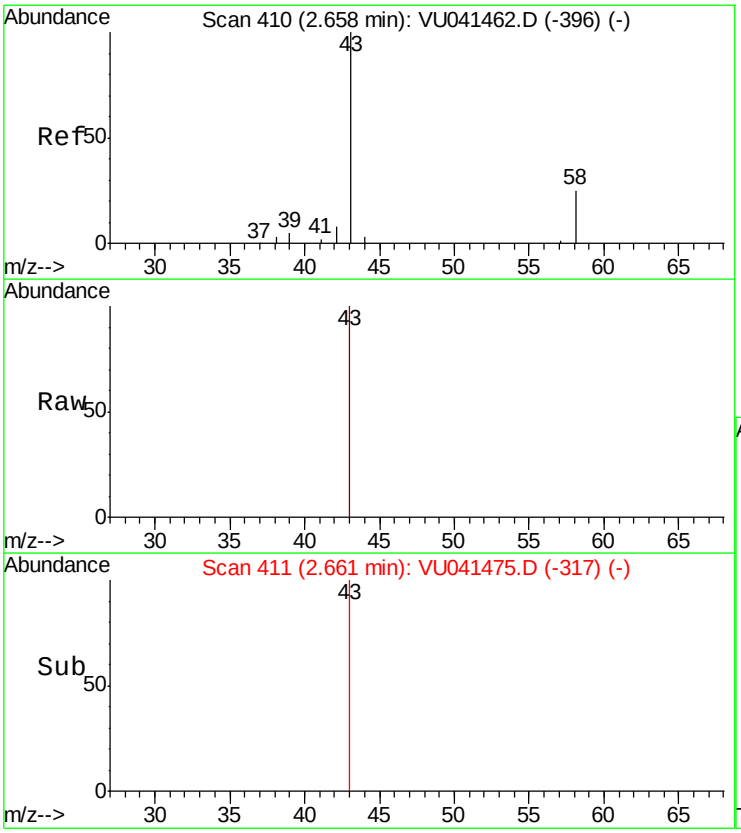
#8
Chloroethane
Concen: 0.037 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Instrument : MSVOA_U
ClientSampleId : C0AQ2

Tgt Ion: 64 Resp: 82

Ion	Ratio	Lower	Upper
64	100		
66	0.0	20.9	38.9#

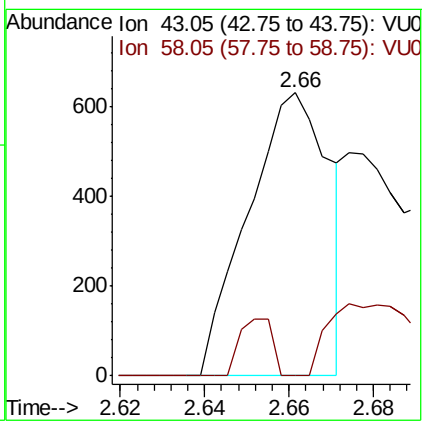


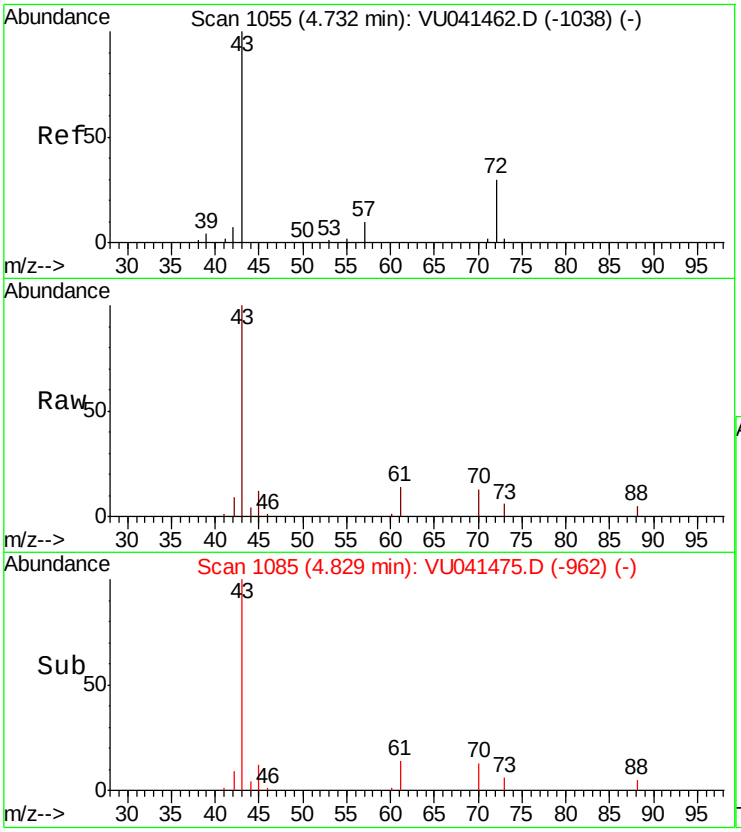


#13
Acetone
Concen: 1.134 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Tgt Ion: 43 Resp: 843

Ion	Ratio	Lower	Upper
43	100		
58	8.2	0.0	50.0



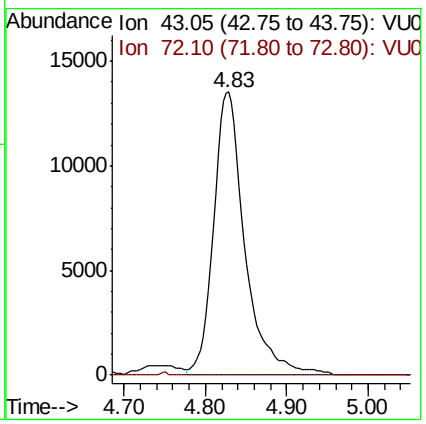


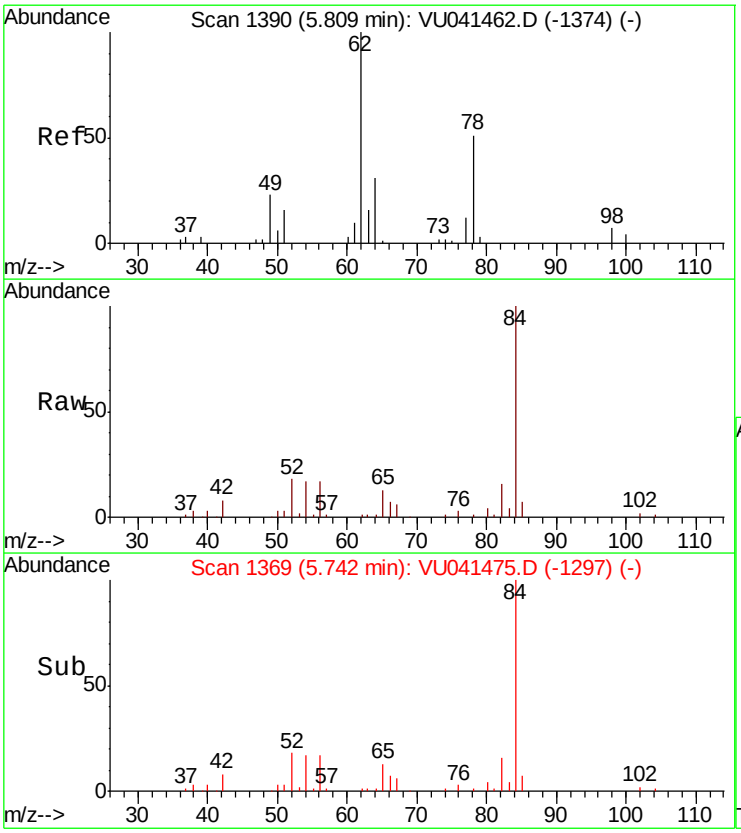
#21
2-Butanone
Concen: 39.433 ug/L
RT: 4.83 min Scan# 1085
Delta R.T. 0.10 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Instrument : MSVOA_U
ClientSampleId : C0AQ2

Tgt Ion: 43 Resp: 36669

Ion	Ratio	Lower	Upper
43	100		
72	0.2	15.7	47.1#

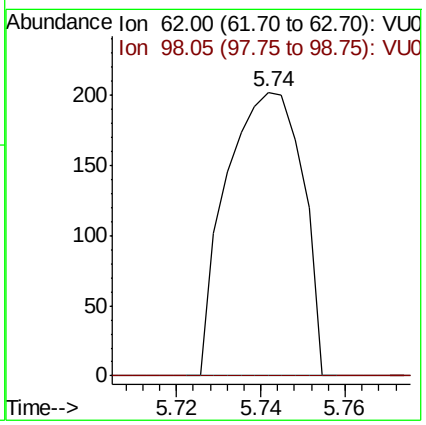


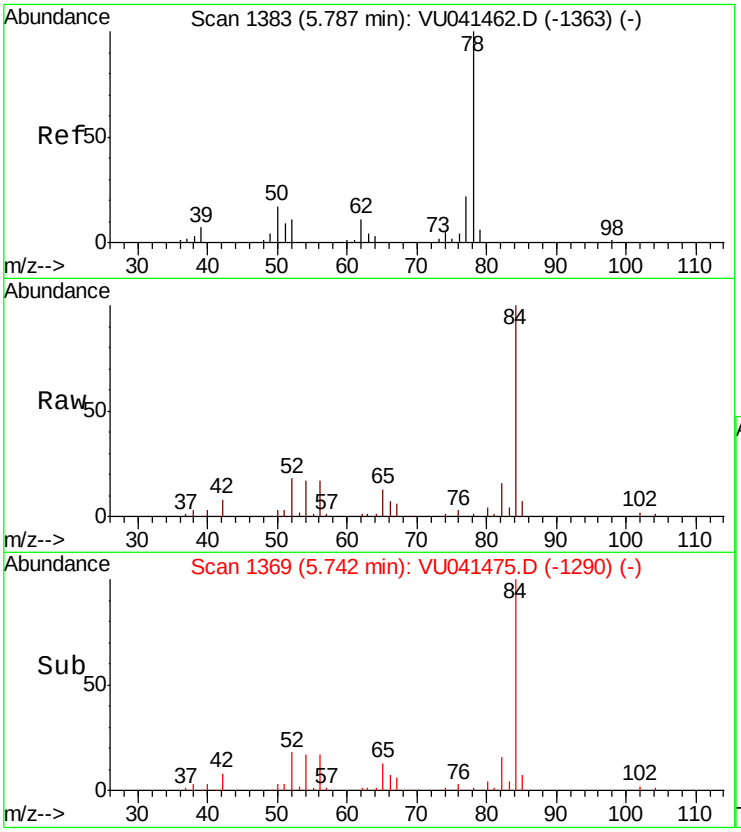


#27
1,2-Dichloroethane
Concen: 0.047 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Tgt Ion: 62 Resp: 251

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

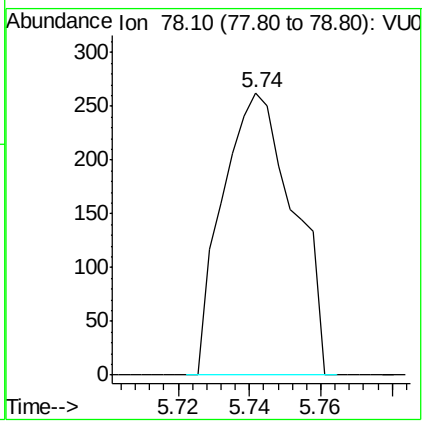


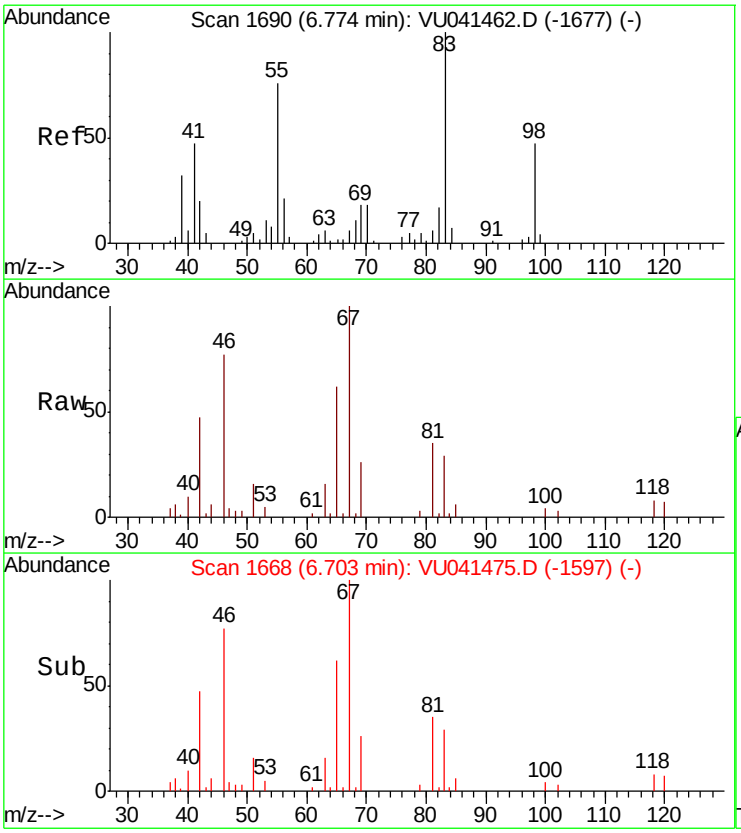


#33
Benzene
Concen: 0.029 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.05 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
C0AQ2

Tgt Ion: 78 Resp: 360

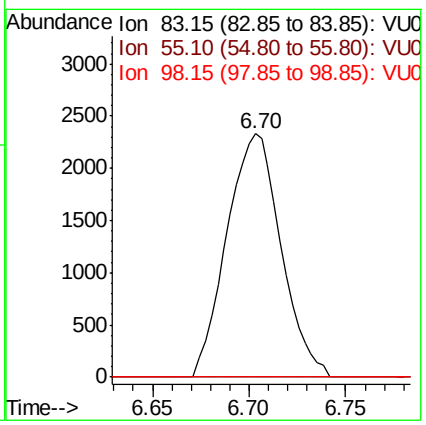


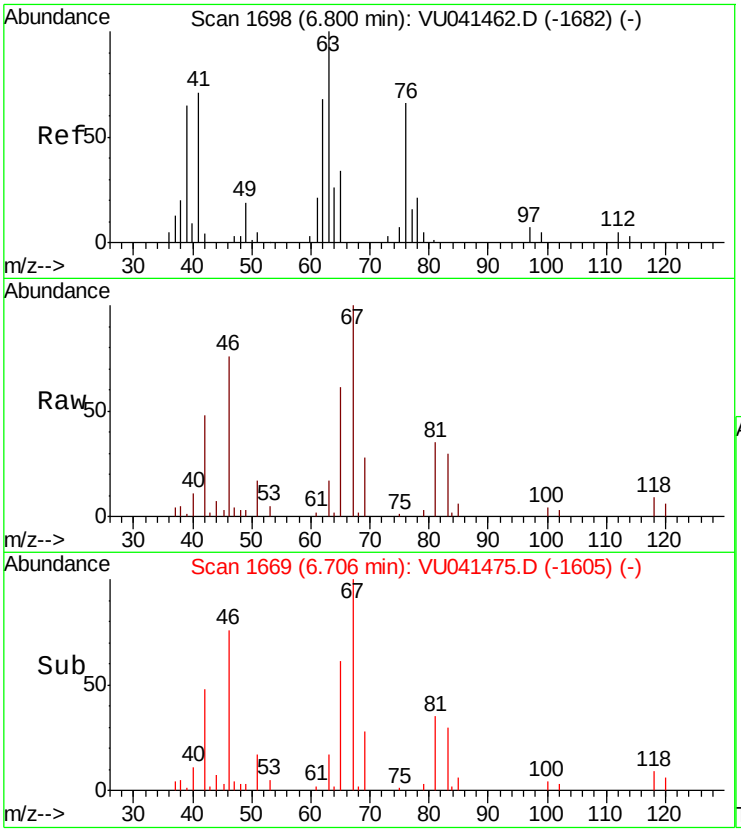


#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Tgt Ion: 83 Resp: 4540

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.1	93.1#
98	0.0	38.7	58.1#



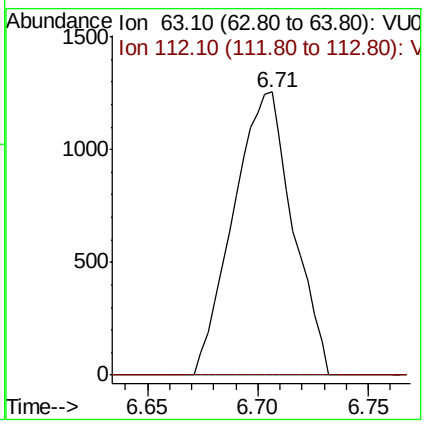


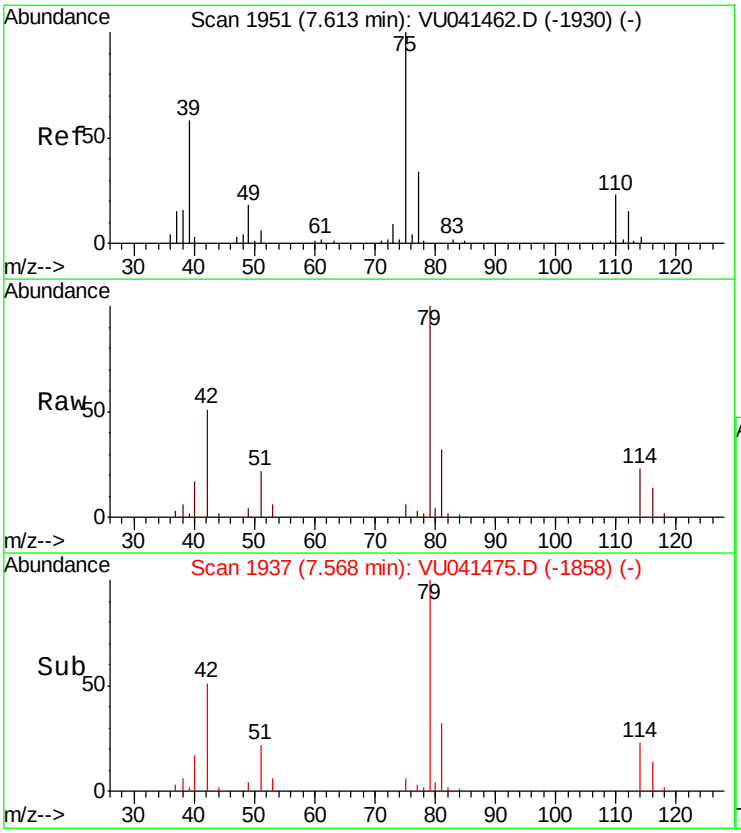
#37
1,2-Dichloropropane
Concen: 0.804 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Instrument : MSVOA_U
ClientSampleId : C0AQ2

Tgt Ion: 63 Resp: 2349

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#

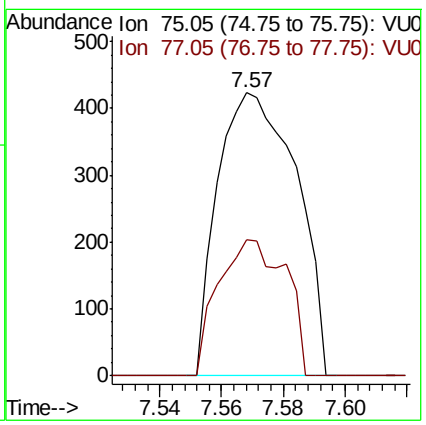


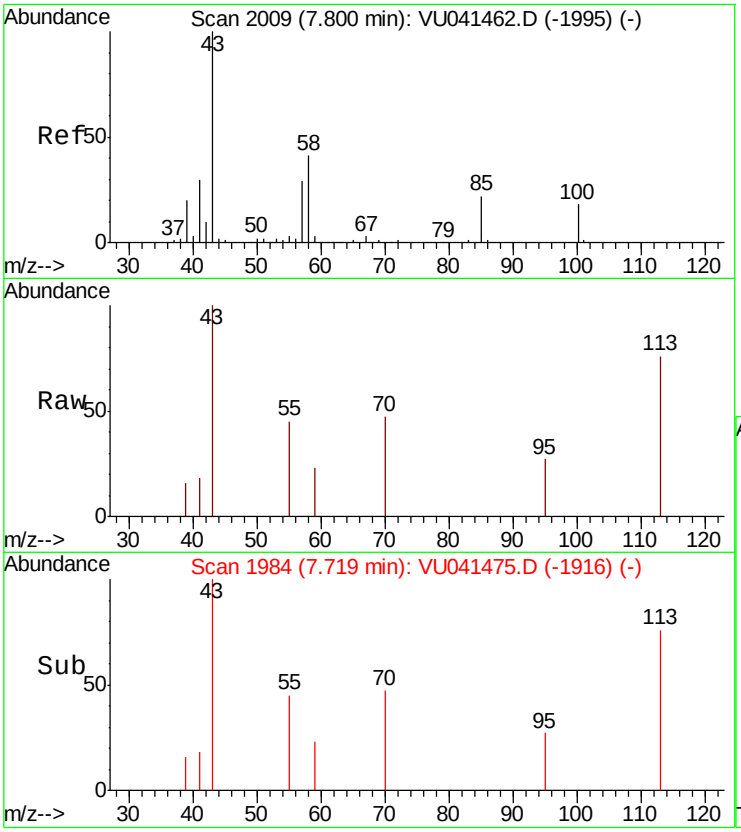


#39
cis-1,3-Dichloropropene
Concen: 0.142 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.05 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Tgt Ion: 75 Resp: 750

Ion	Ratio	Lower	Upper
75	100		
77	48.2	24.0	44.6#



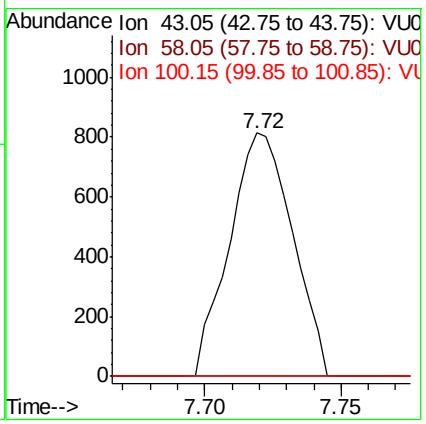


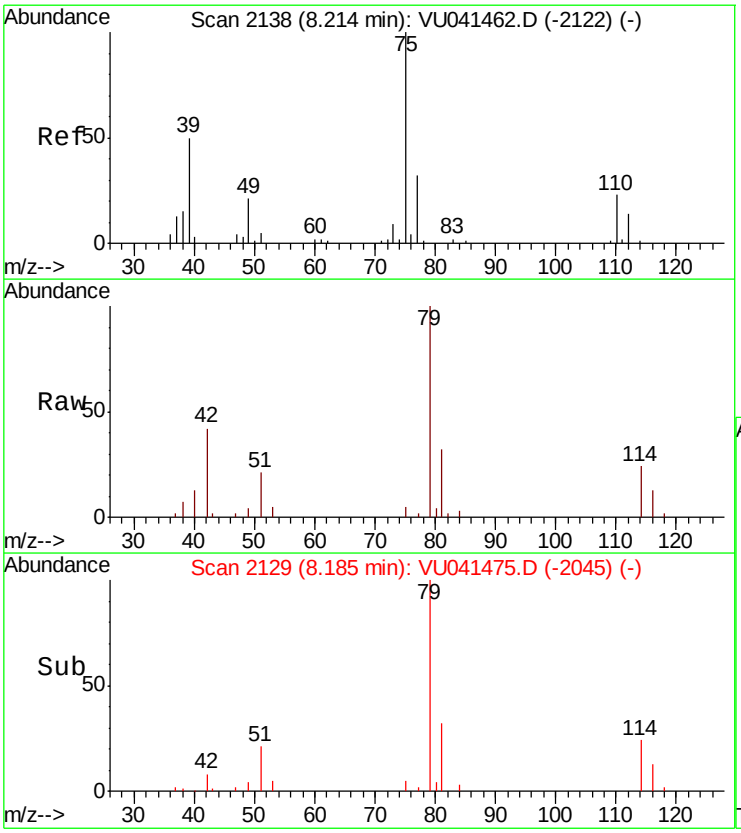
#40
4-Methyl-2-pentanone
Concen: 0.558 ug/L
RT: 7.72 min Scan# 1984
Delta R.T. -0.08 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Instrument : MSVOA_U
ClientSampleId : C0AQ2

Tgt Ion: 43 Resp: 1306

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.0	48.0#
100	0.0	14.2	21.2#

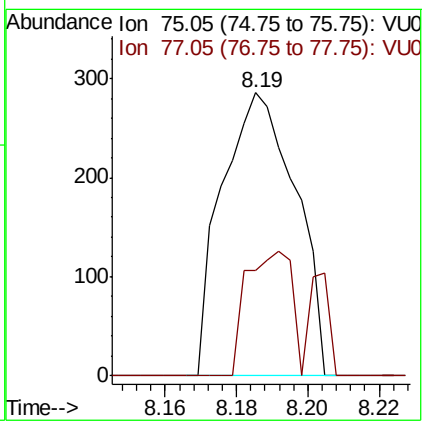


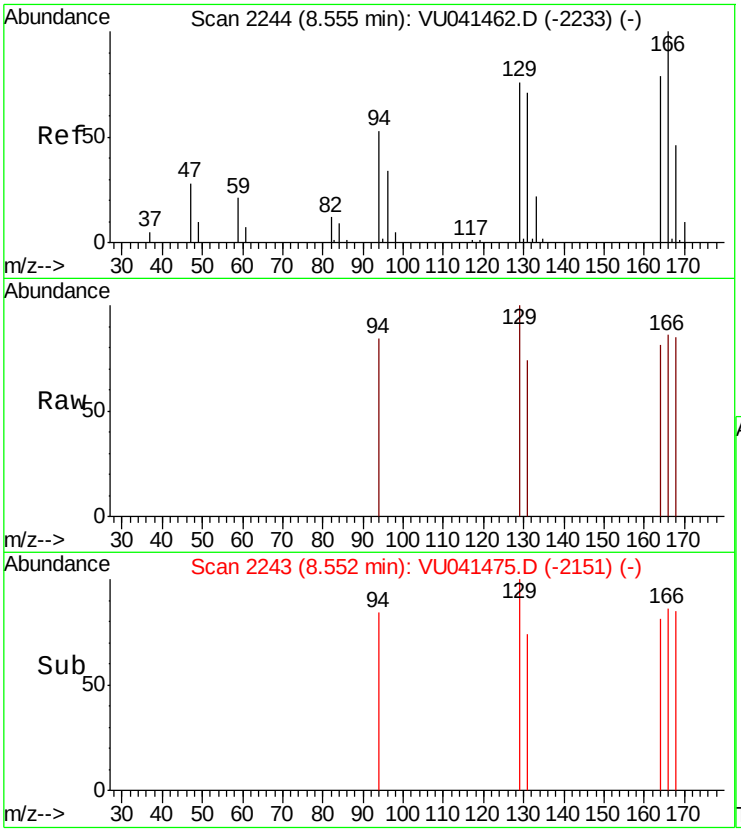


#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Tgt Ion: 75 Resp: 406

Ion	Ratio	Lower	Upper
75	100		
77	37.1	22.7	42.3



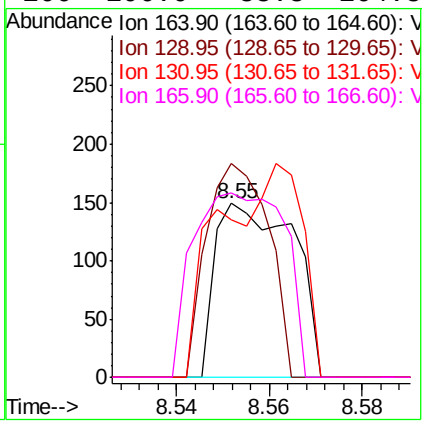


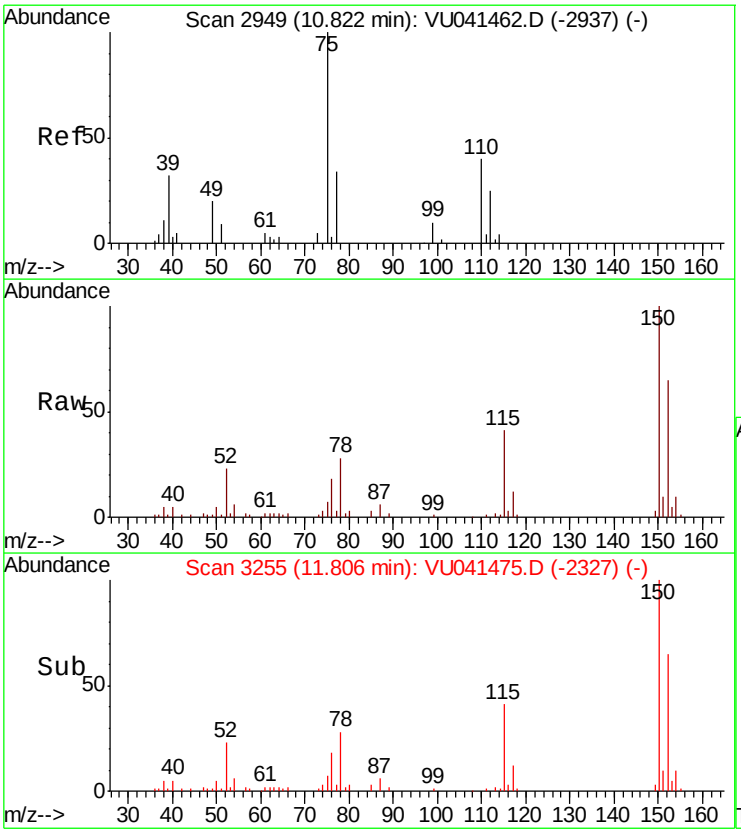
#47
Tetrachloroethene
Concen: 0.059 ug/L
RT: 8.55 min Scan# 2243
Delta R.T. -0.00 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
C0AQ2

Tgt Ion:164 Resp: 176

Ion	Ratio	Lower	Upper
164	100		
129	122.8	67.1	124.7
131	90.6	63.3	117.7
166	106.0	88.8	164.8





#59
1,2,3-Trichloropropane
Concen: 0.909 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041475.D
Acq: 04 Dec 2020 17:01

Tgt Ion: 75 Resp: 2578

Ion	Ratio	Lower	Upper
75	100		
77	50.0	26.3	39.5#