Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081420\
Data File : VU039869.D
Acq On : 14 Aug 2020 19:20
Operator : SY/MD
Sample : L3517-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 17 05:26:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73731	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70912	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34688	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17918	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.92	69	19094	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.60%			
11) 1,1-Dichloroethene-d2	2.58	63	25916	3.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.60%			
20) 2-Butanone-d5	4.65	46	88069	50.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.58%			
24) Chloroform-d	5.08	84	44556	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
26) 1,2-Dichloroethane-d4	5.72	65	26826	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
32) Benzene-d6	5.74	84	81467	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.70	67	28260	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.91	98	65064	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
43) trans-1,3-Dichloropropene-	8.18	79	10528	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.64	63	65822	54.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.82%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26386	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30967	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
3) Chloromethane	1.61	50	1726	0.276	ug/L #	62
5) Vinyl chloride	1.61	62	186187	31.058	ug/L	95
8) Chloroethane	1.94	64	605	0.138	ug/L #	82
14) Carbon disulfide	2.81	76	1124	0.082	ug/L #	74
18) trans-1,2-Dichloroethene	3.37	96	45843	9.362	ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	12888	2.420	ug/L	90
34) Trichloroethene	6.55	95	1257	0.251	ug/L #	69
35) Methylcyclohexane	6.70	83	6649	0.830	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	3331	0.649	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	885	0.126	ug/L	97
48) 2-Hexanone	8.64	43	8785	3.172	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	5088	1.375	ug/L #	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081420\
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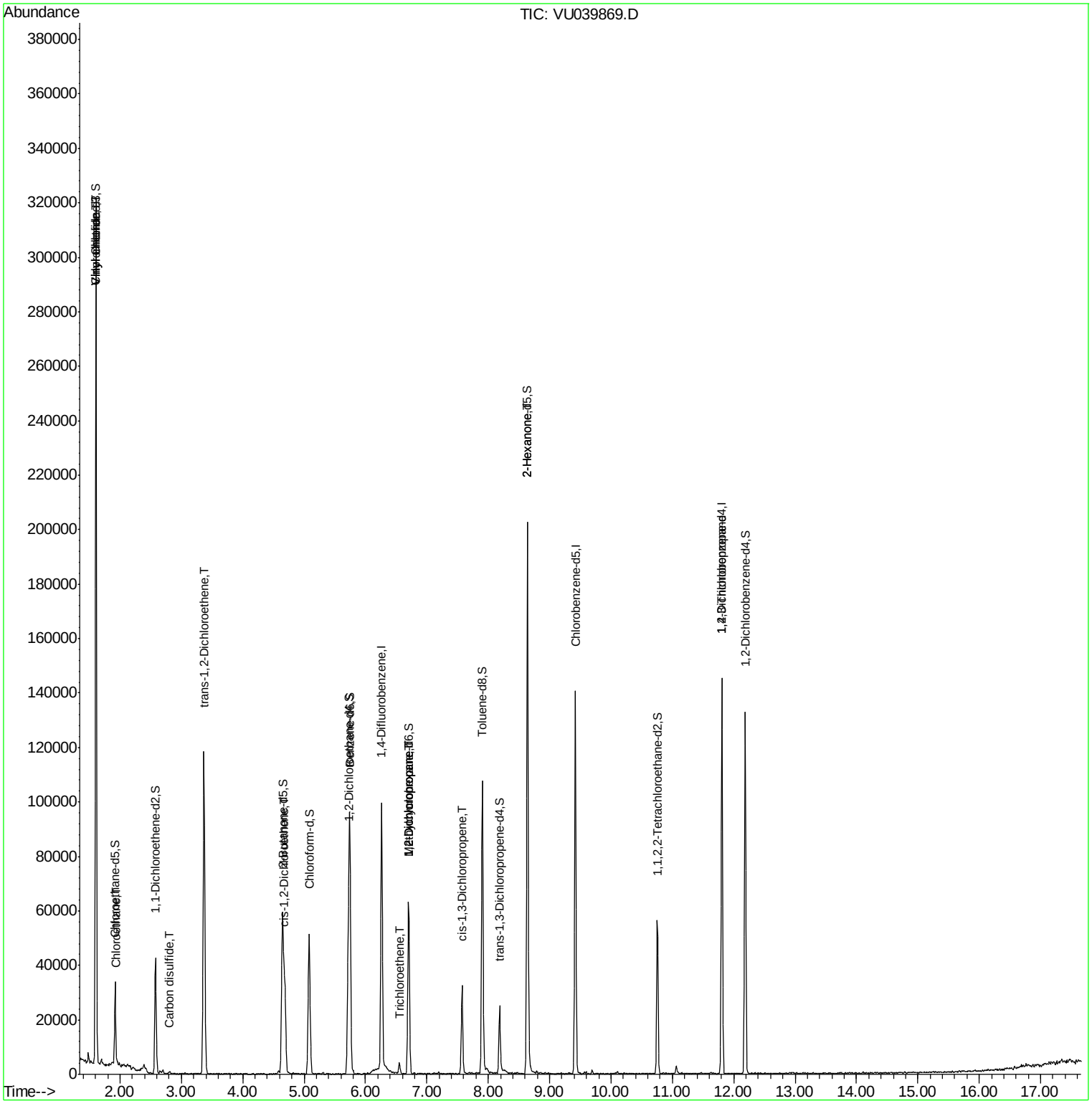
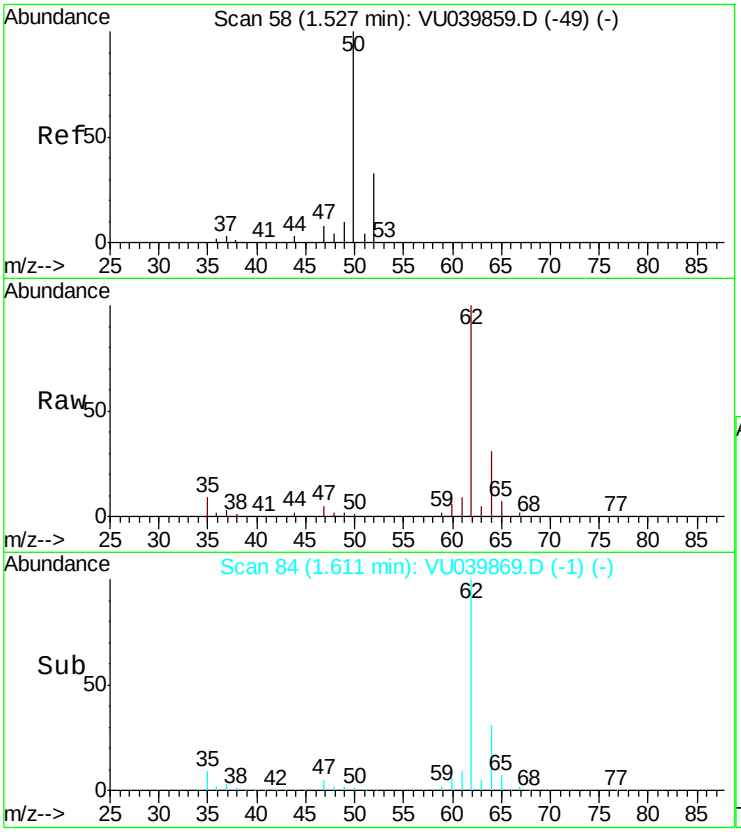
Acq On : 14 Aug 2020 19:20
Operator : SY/MD
Sample : L3517-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 17 05:26:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration



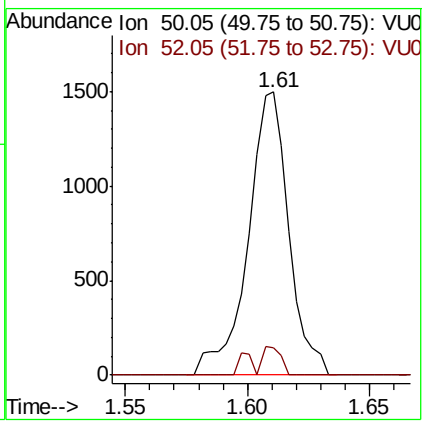


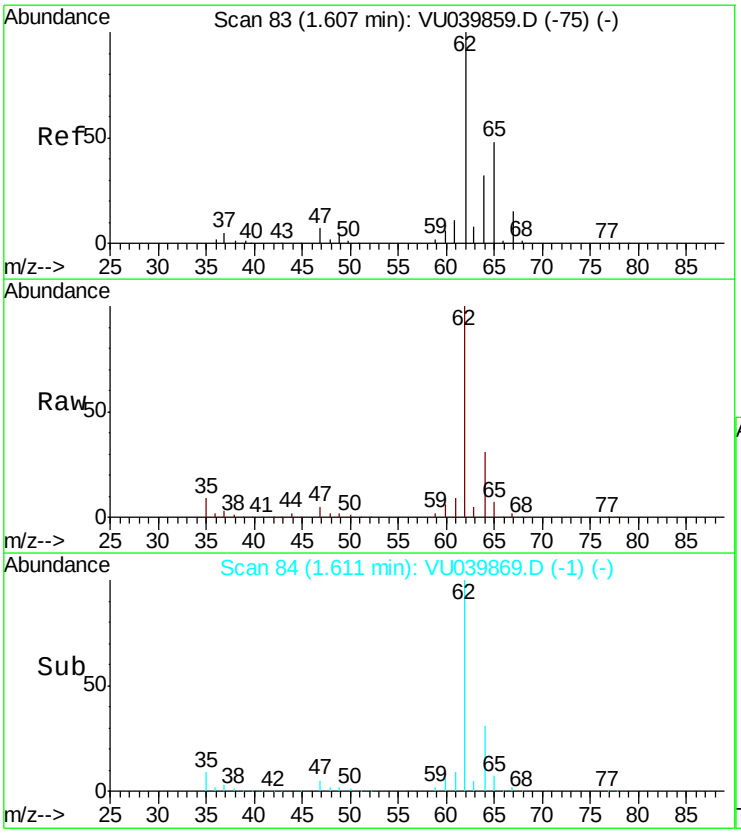
#3
Chloromethane
Concen: 0.276 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.08 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 1726

Ion	Ratio	Lower	Upper
50	100		
52	9.9	21.6	40.0#

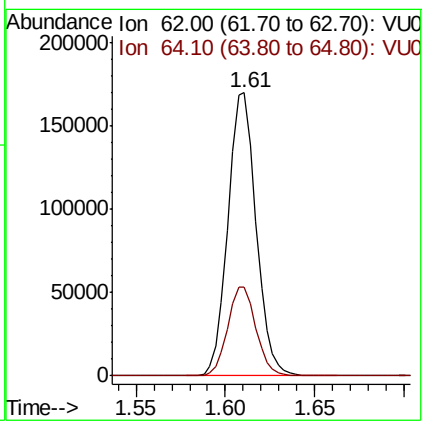


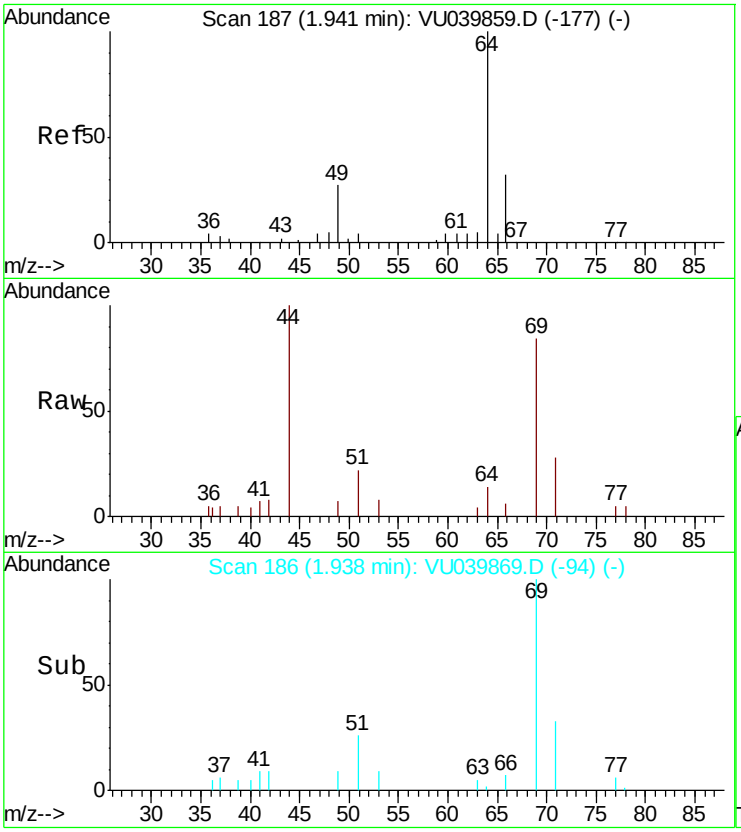


#5
Vinyl chloride
Concen: 31.058 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Tgt Ion: 62 Resp: 186187

Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.1	44.7



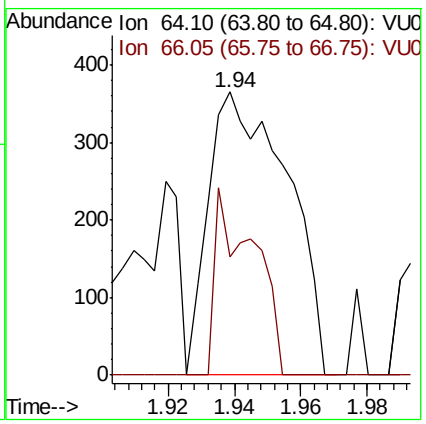


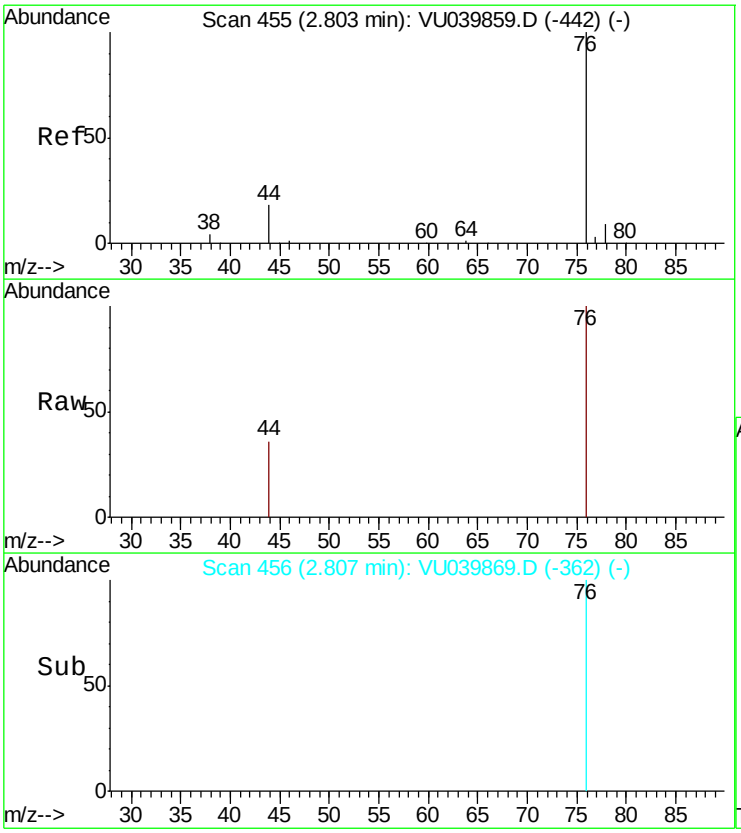
#8
Chloroethane
Concen: 0.138 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.00 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 605

Ion	Ratio	Lower	Upper
64	100		
66	41.9	22.3	41.3#

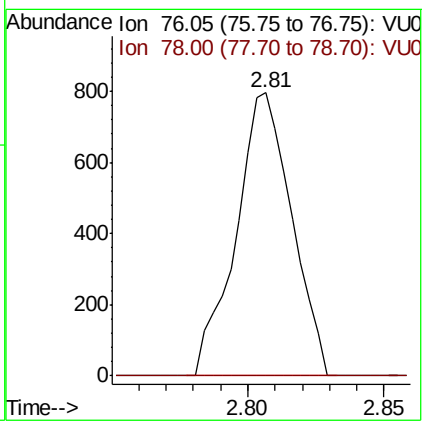


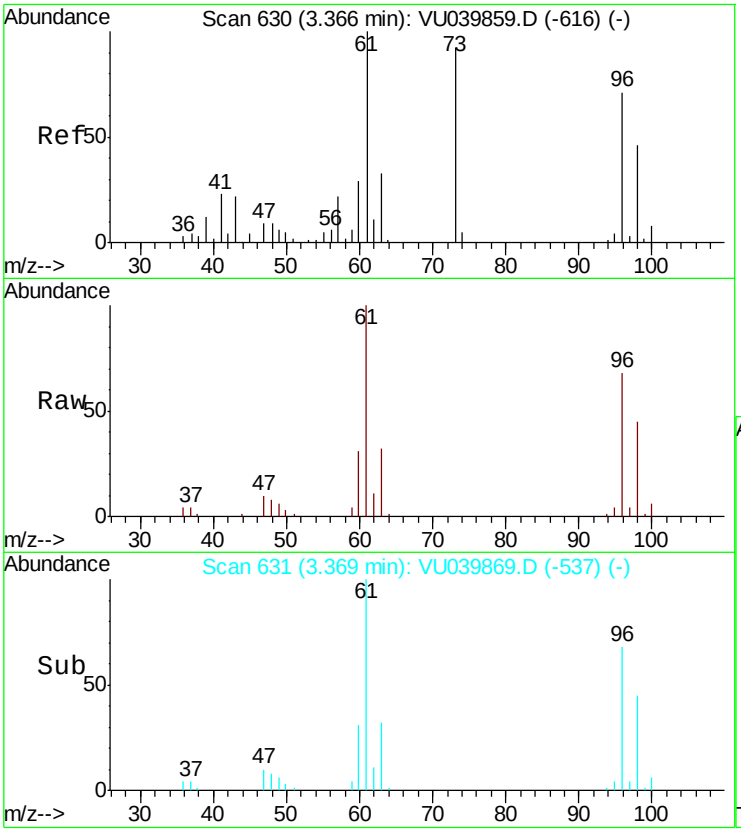


#14
Carbon disulfide
Concen: 0.082 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Tgt Ion: 76 Resp: 1124

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.8	11.6#



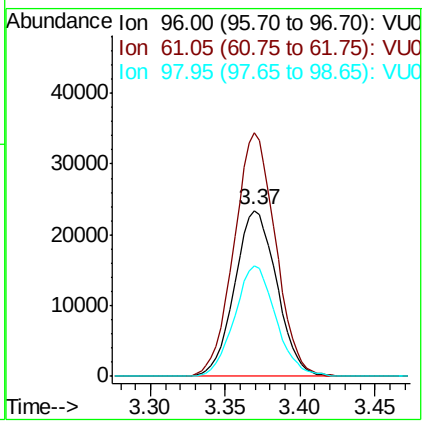


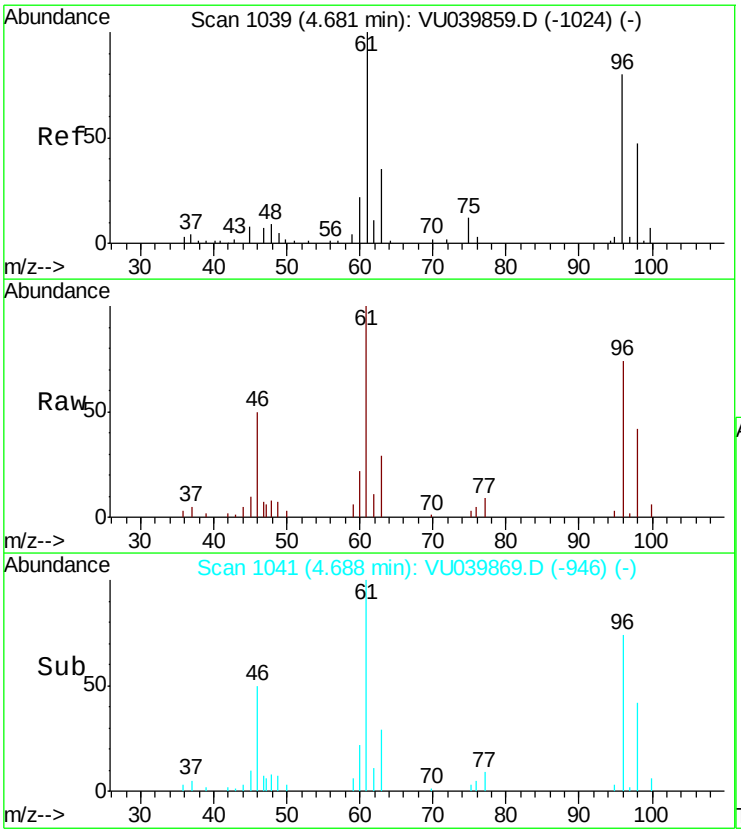
#18
trans-1,2-Dichloroethene
Concen: 9.362 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 45843

Ion	Ratio	Lower	Upper
96	100		
61	146.9	96.5	179.1
98	66.4	40.9	76.0

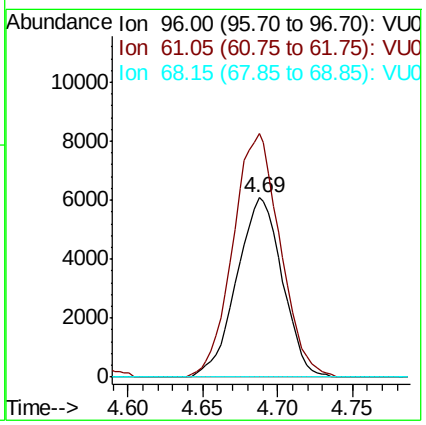


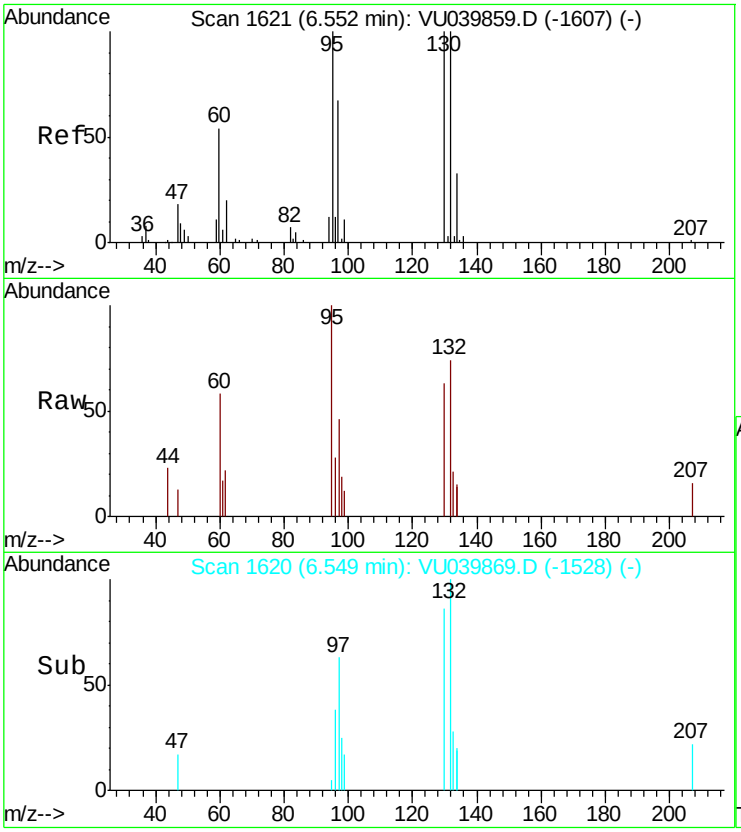


#22
cis-1,2-Dichloroethene
Concen: 2.420 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Tgt Ion: 96 Resp: 12888

Ion	Ratio	Lower	Upper
96	100		
61	136.0	87.4	162.2
68	0.0	0.0	0.0



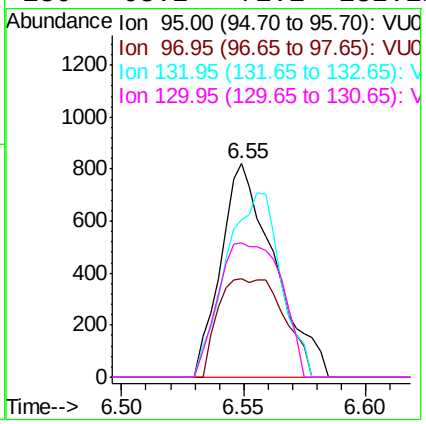


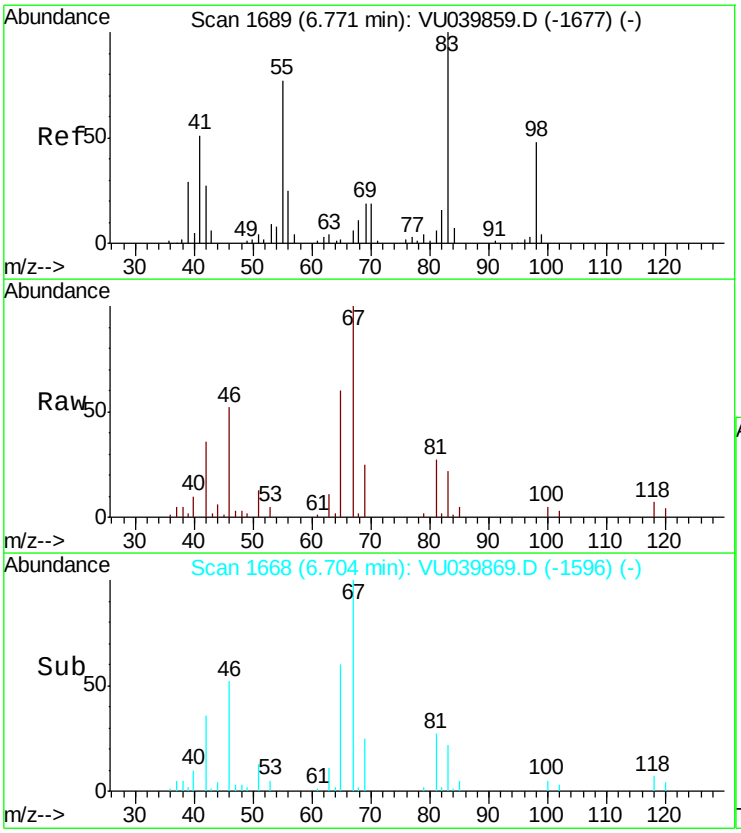
#34
Trichloroethene
Concen: 0.251 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1257

Ion	Ratio	Lower	Upper
95	100		
97	46.2	44.0	81.8
132	73.6	71.7	133.3
130	63.2	71.1	132.1#

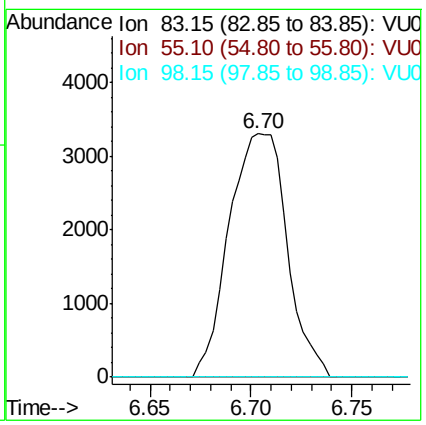


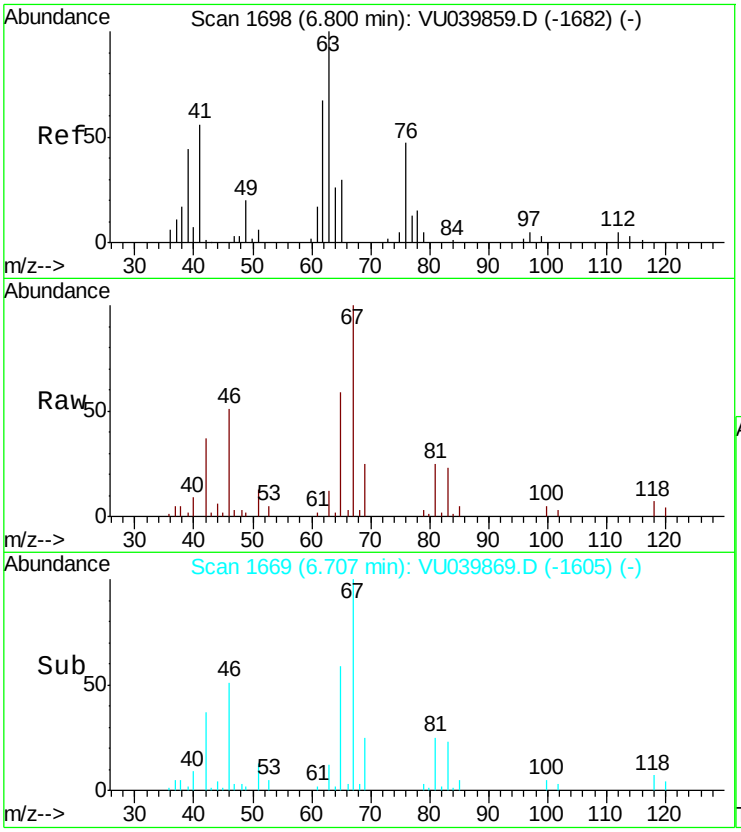


#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Tgt Ion: 83 Resp: 6649

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	0.0	39.0	58.4#



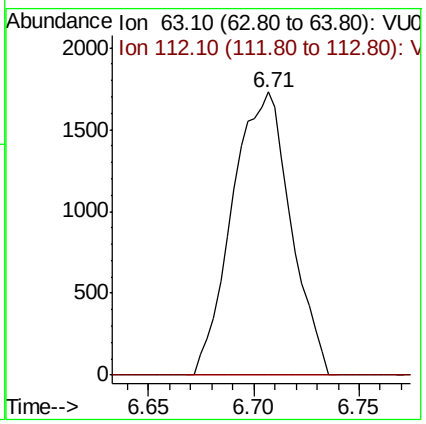


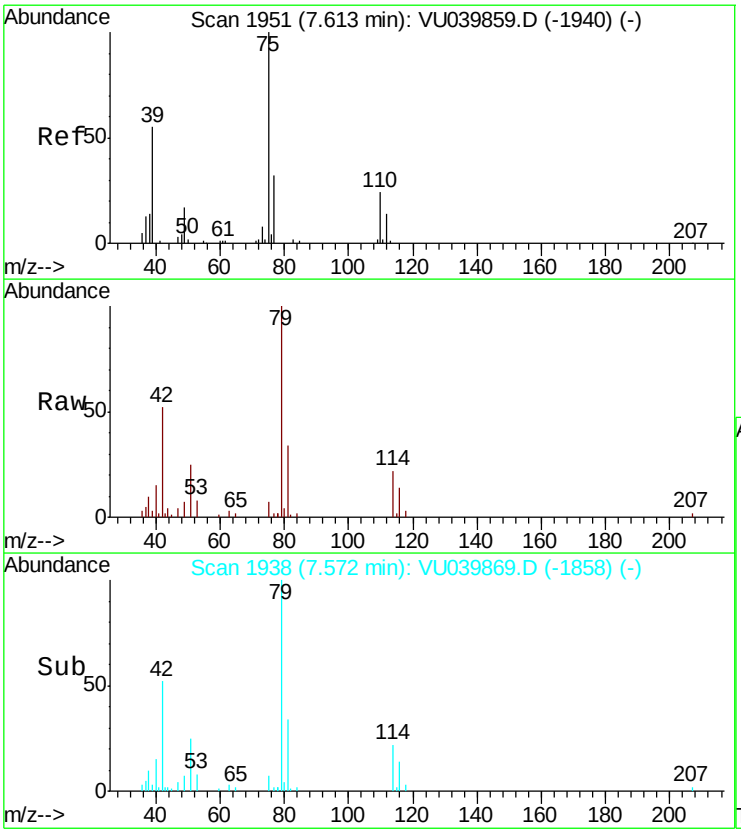
#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3331

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

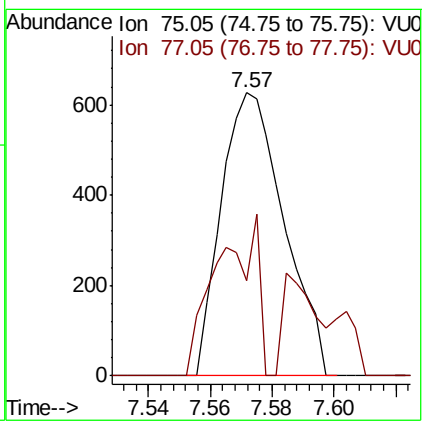


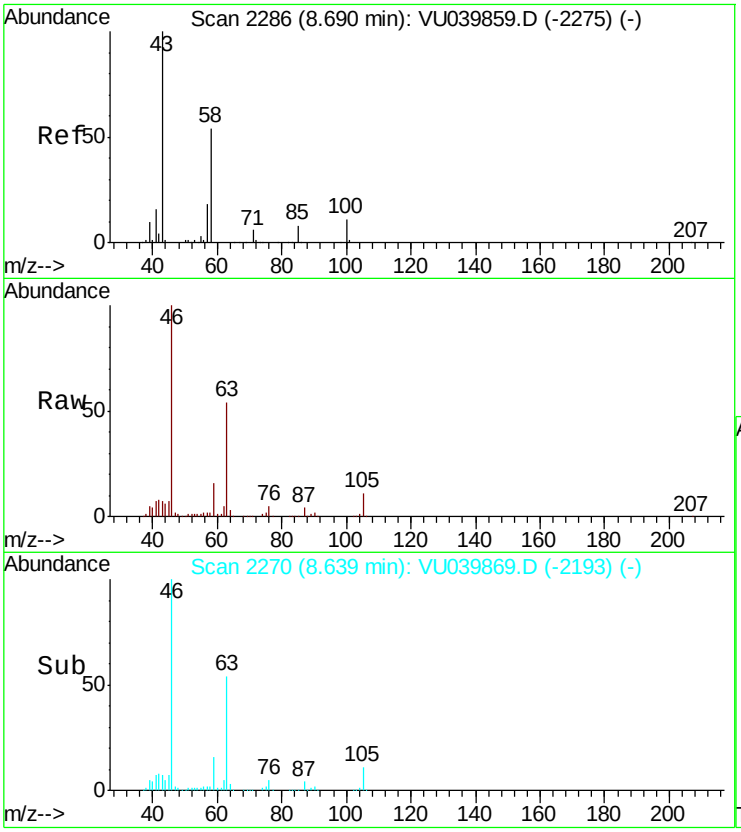


#39
cis-1,3-Dichloropropene
Concen: 0.126 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Tgt Ion: 75 Resp: 885

Ion	Ratio	Lower	Upper
75	100		
77	33.5	22.4	41.6



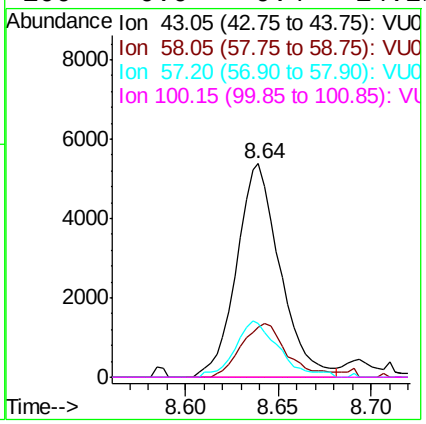


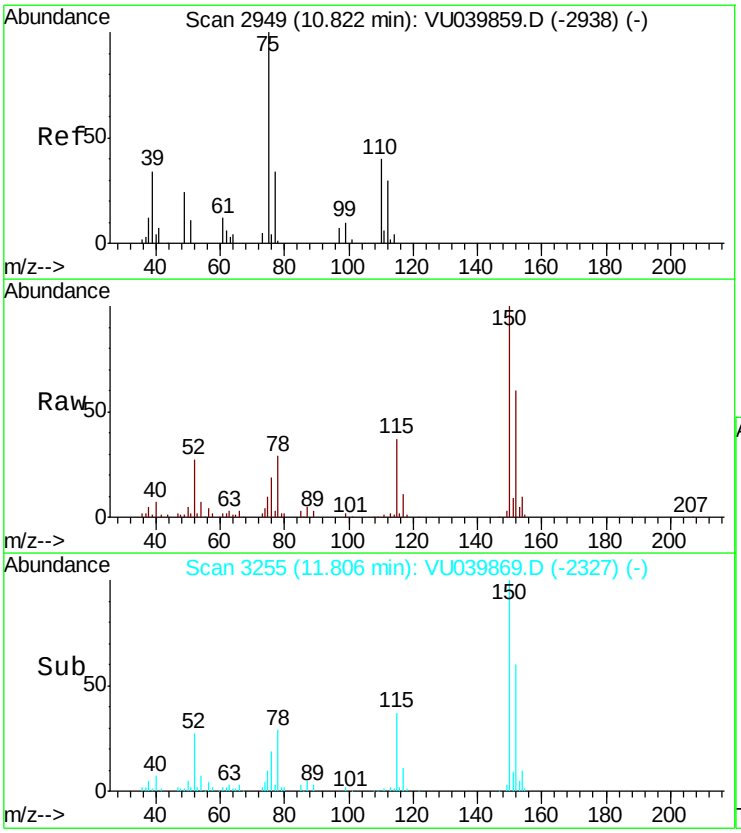
#48
2-Hexanone
Concen: 3.172 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 8785

Ion	Ratio	Lower	Upper
43	100		
58	26.7	41.8	62.8#
57	26.4	14.2	21.4#
100	0.0	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 1.375 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039869.D
Acq: 14 Aug 2020 19:20

Tgt Ion: 75 Resp: 5088

Ion	Ratio	Lower	Upper
75	100		
77	38.6	24.6	37.0#