Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU093020\
Data File : VU040396.D
Acq On : 30 Sep 2020 14:06
Operator : SY/MD
Sample : L4186-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0F0

Quant Time: Oct 01 03:07:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 03:05:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123317	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127298	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56388	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27977	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.92	69	27007	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.58	63	46410	3.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.20%			
20) 2-Butanone-d5	4.65	46	158724	52.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.68%			
24) Chloroform-d	5.08	84	73693	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.72	65	46377	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.74	84	128064	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.70	67	46669	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.91	98	96727	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
43) trans-1,3-Dichloropropene-	8.19	79	17270	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.64	63	109651	48.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.58%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45252	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47426	5.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	9192	0.771	ug/L	98
8) Chloroethane	1.92	64	8304	1.175	ug/L #	53
12) 1,1-Dichloroethene	2.59	96	589	0.063	ug/L #	1
14) Carbon disulfide	2.81	76	2276	0.077	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	2402	0.247	ug/L	86
22) cis-1,2-Dichloroethene	4.69	96	117524	10.940	ug/L	99
25) Chloroform	5.11	83	1872	0.092	ug/L	97
35) Methylcyclohexane	6.71	83	10869	0.654	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	5182	0.436	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1135	0.071	ug/L	90
44) trans-1,3-Dichloropropene	8.19	75	867	0.059	ug/L #	62
59) 1,2,3-Trichloropropane	11.81	75	7965	0.925	ug/L	89

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

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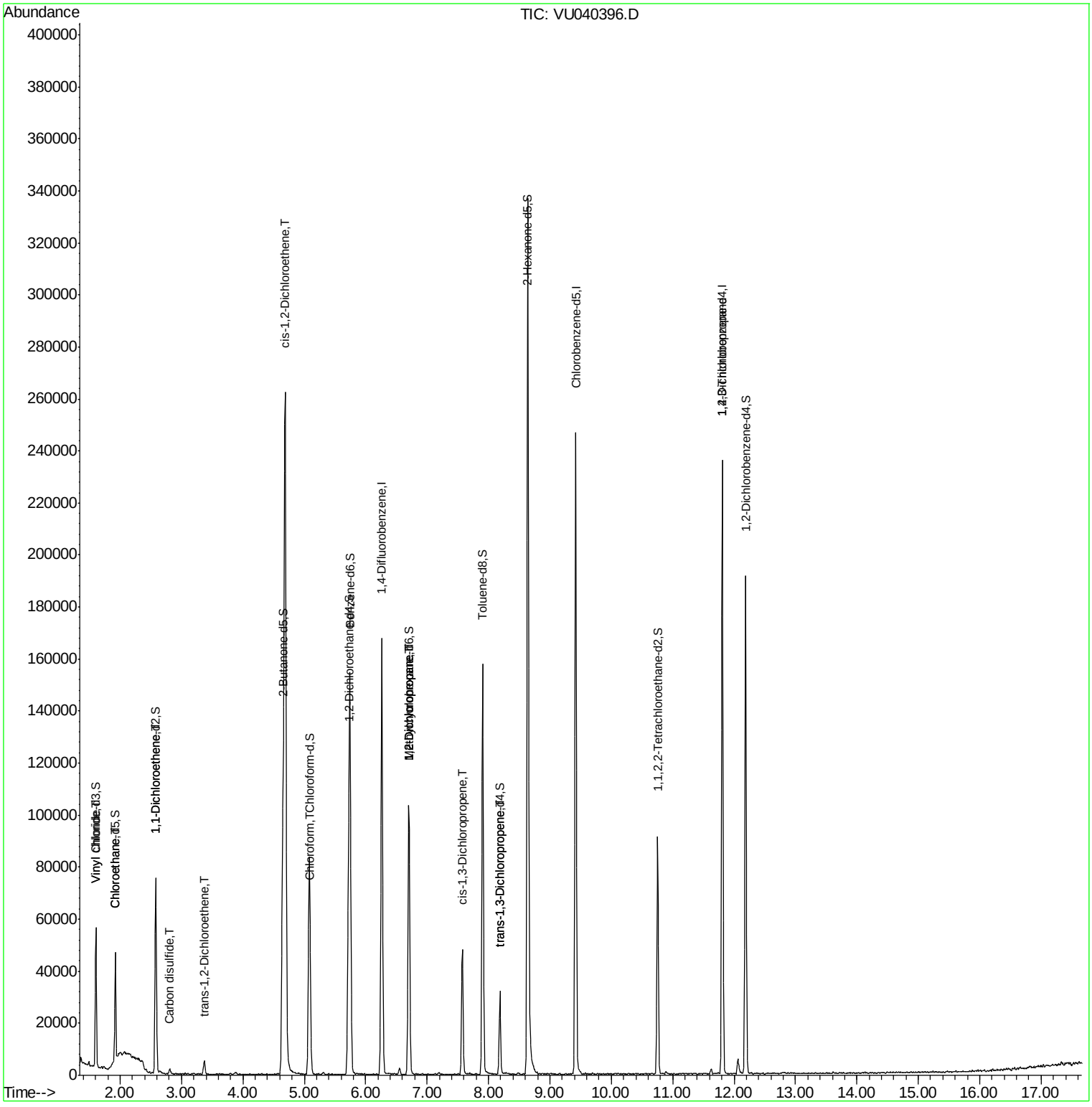
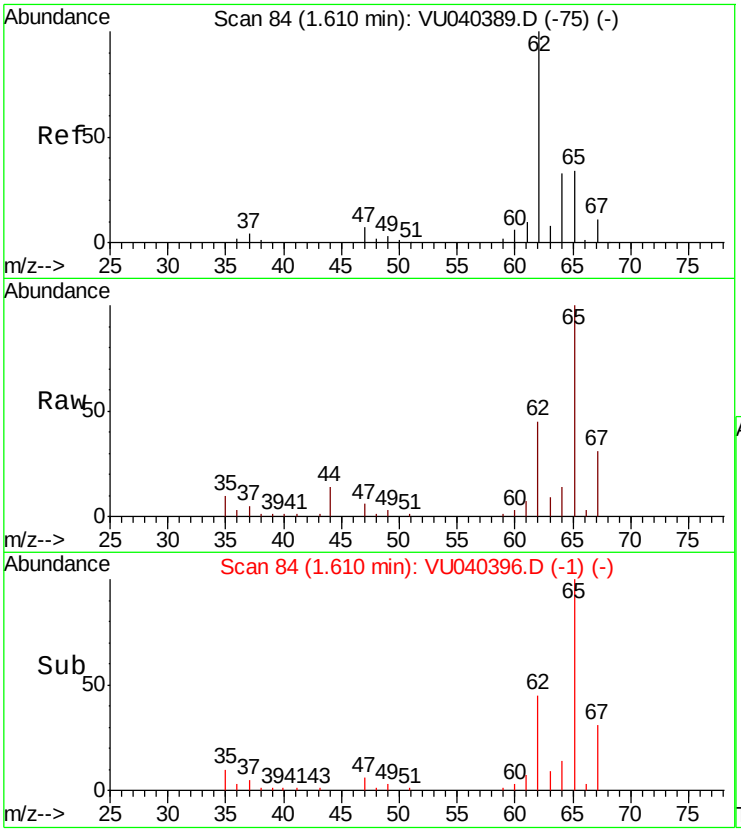
Sample : L4186-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0F0

Quant Time: Oct 01 03:07:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 03:05:40 2020
Response via : Initial Calibration



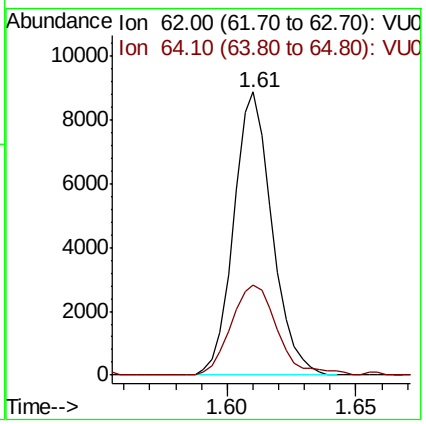


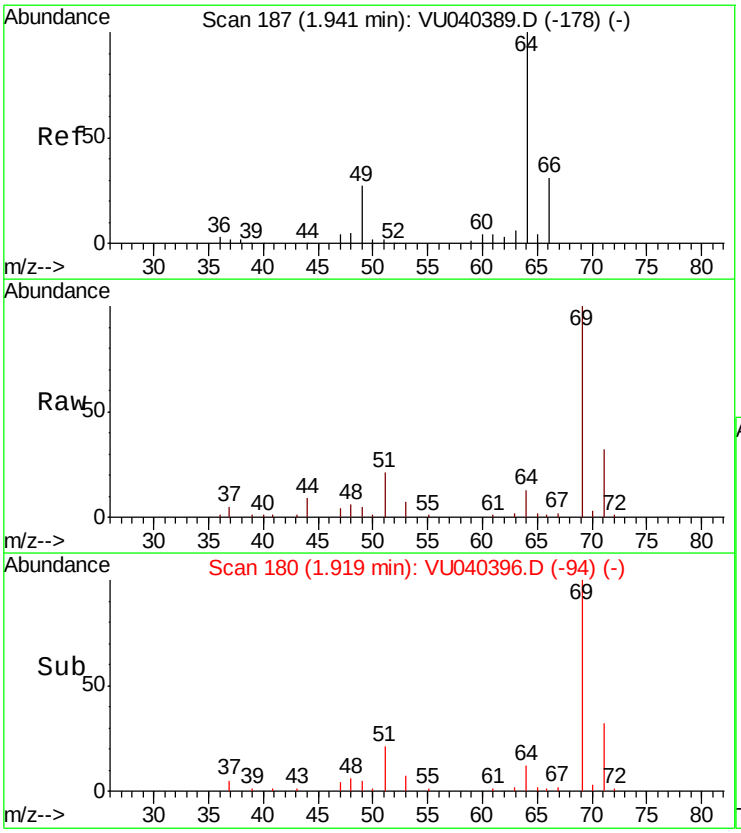
#5
Vinyl chloride
Concen: 0.771 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Instrument : MSVOA_U
ClientSampleId : BG0F0

Tgt Ion: 62 Resp: 9192

Ion	Ratio	Lower	Upper
62	100		
64	32.0	23.0	42.8

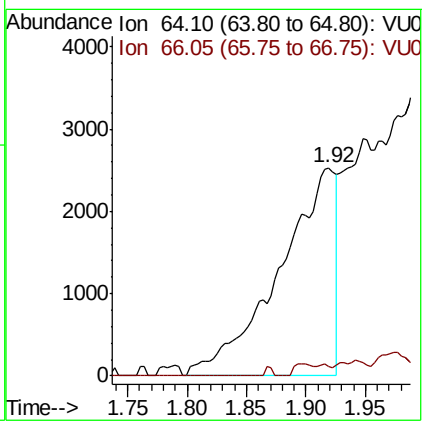


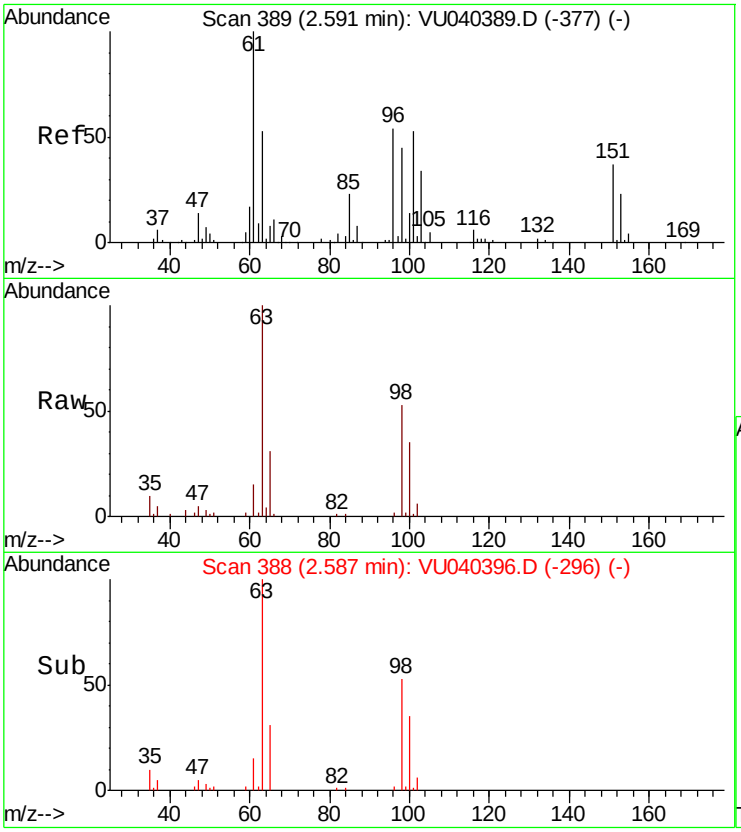


#8
Chloroethane
Concen: 1.175 ug/L
RT: 1.92 min Scan# 180
Delta R.T. -0.02 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Tgt Ion: 64 Resp: 8304

Ion	Ratio	Lower	Upper
64	100		
66	4.8	21.3	39.6#



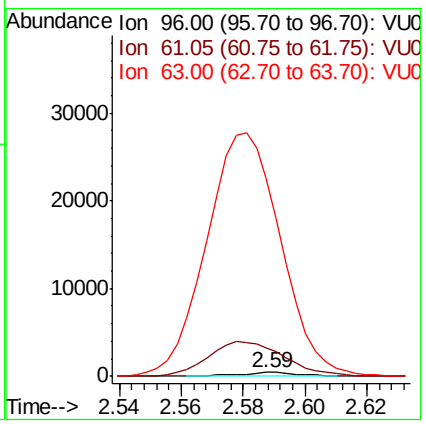


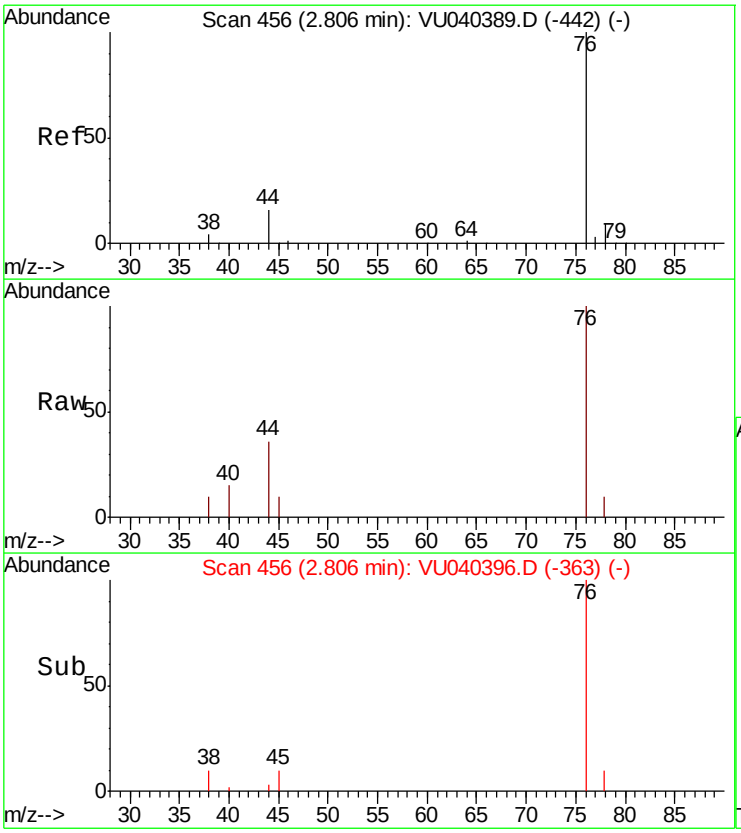
#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.00 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Instrument : MSVOA_U
ClientSampleId : BG0F0

Tgt Ion: 96 Resp: 589

Ion	Ratio	Lower	Upper
96	100		
61	758.0	128.6	238.8#
63	5209.2	67.8	126.0#

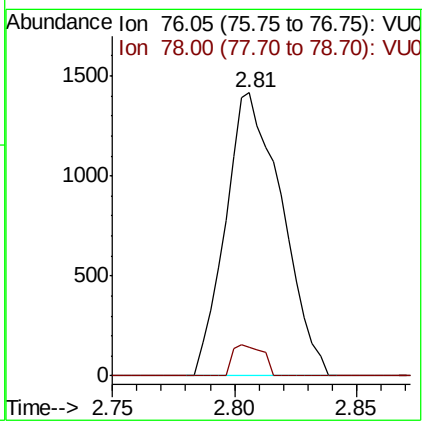


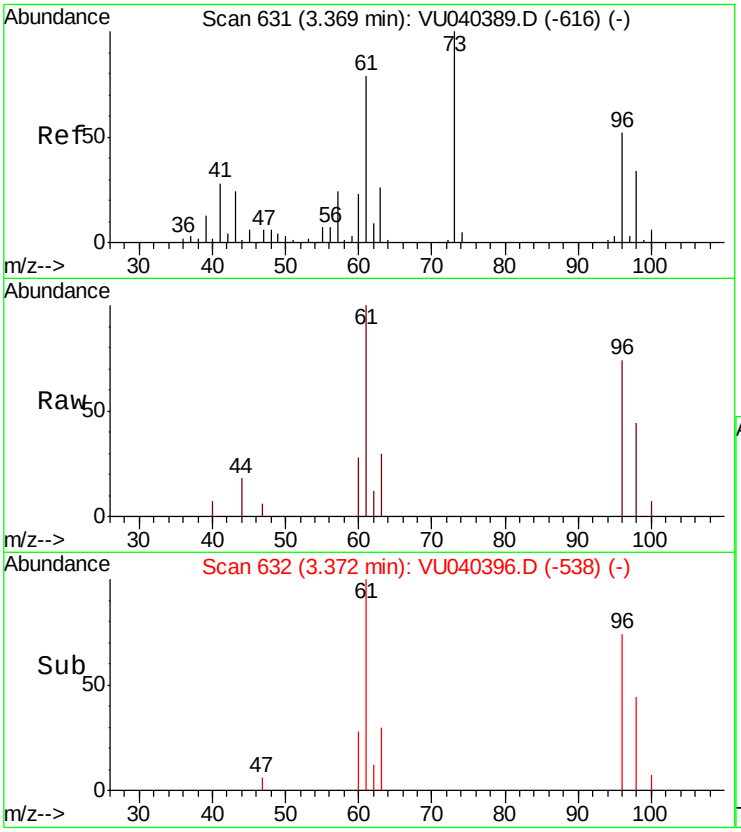


#14
Carbon disulfide
Concen: 0.077 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Tgt Ion: 76 Resp: 2276

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.2	10.8



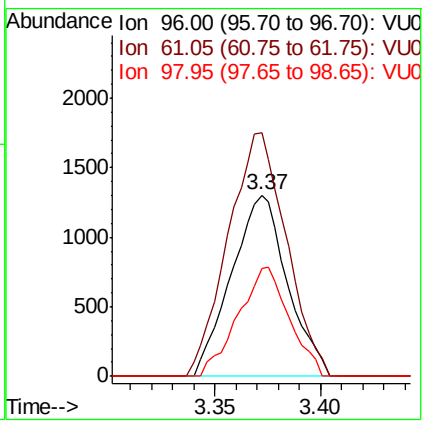


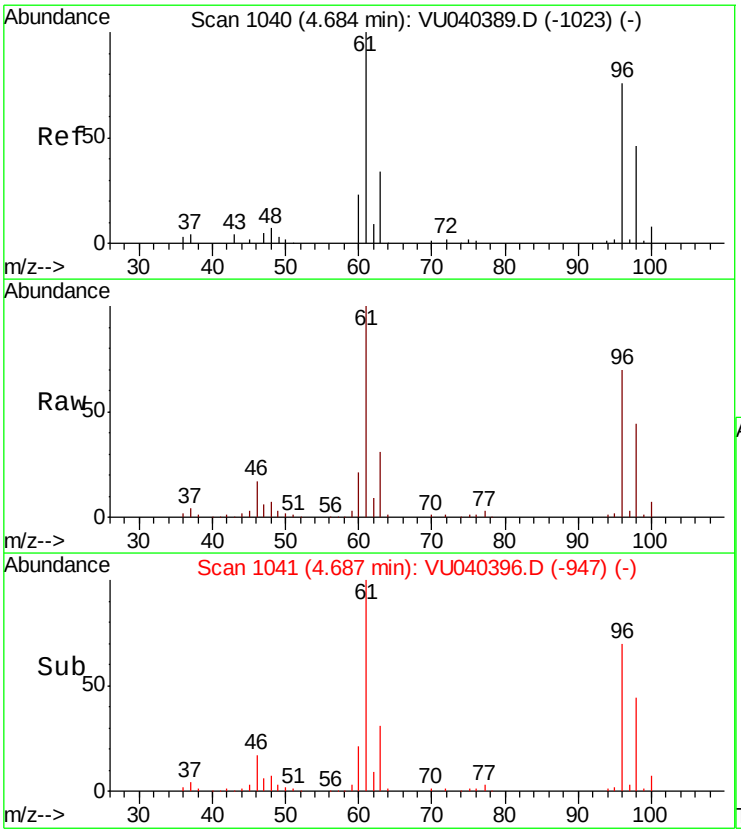
#18
trans-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Instrument :
MSVOA_U
ClientSampleId :
BG0F0

Tgt Ion: 96 Resp: 2402

Ion	Ratio	Lower	Upper
96	100		
61	134.5	109.3	203.1
98	59.7	45.8	85.0

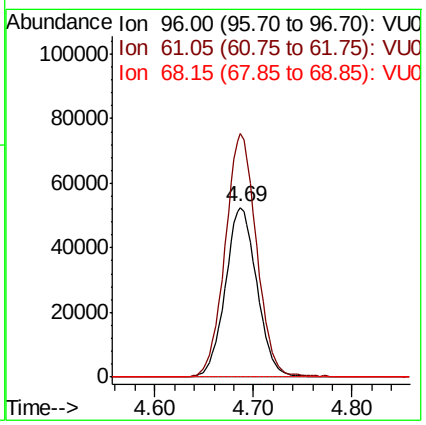


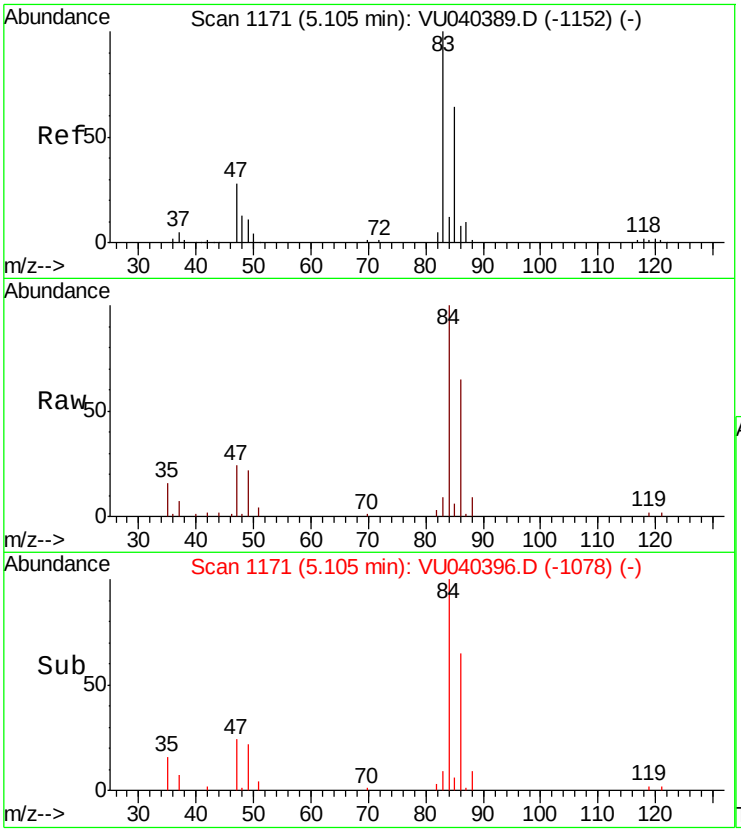


#22
cis-1,2-Dichloroethene
Concen: 10.940 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Tgt Ion: 96 Resp: 117524

Ion	Ratio	Lower	Upper
96	100		
61	143.6	99.3	184.5
68	0.0	0.0	0.0



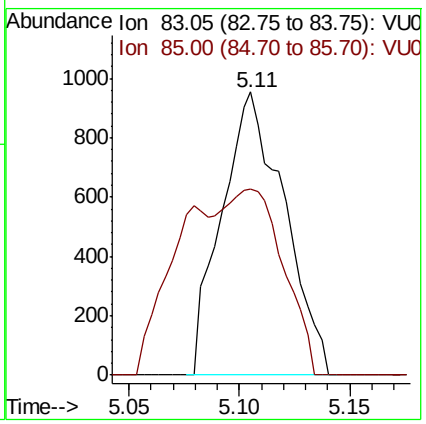


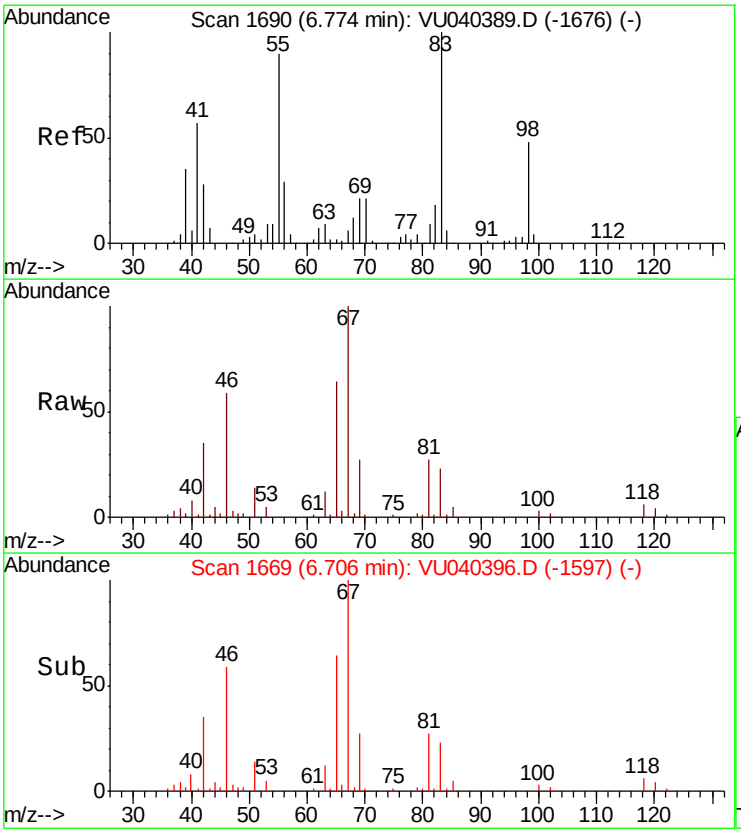
#25
Chloroform
Concen: 0.092 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Instrument :
MSVOA_U
ClientSampleId :
BG0F0

Tgt Ion: 83 Resp: 1872

Ion	Ratio	Lower	Upper
83	100		
85	65.8	44.6	82.8

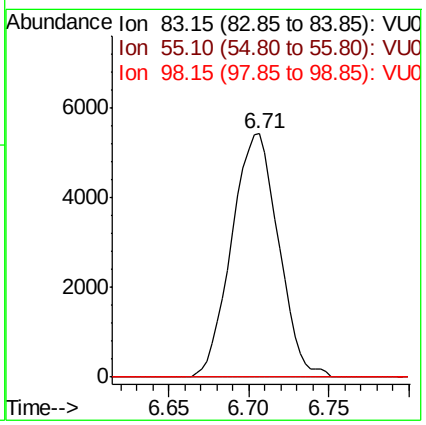


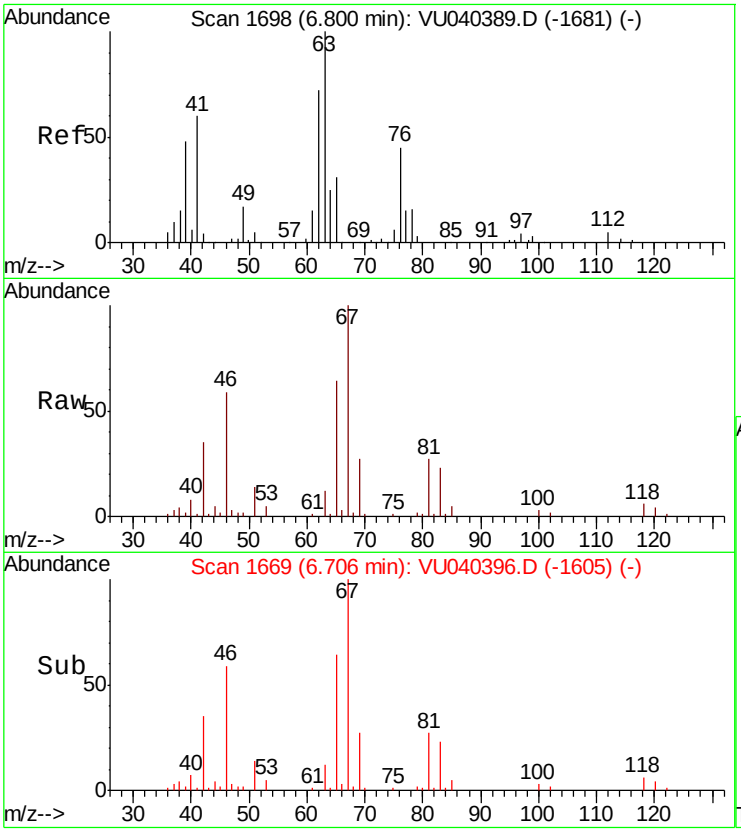


#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Tgt Ion: 83 Resp: 10869

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.4	107.2#
98	0.7	38.5	57.7#



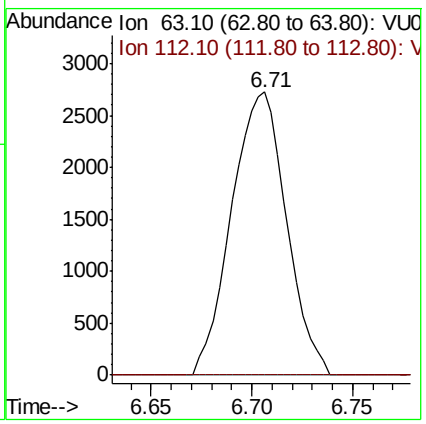


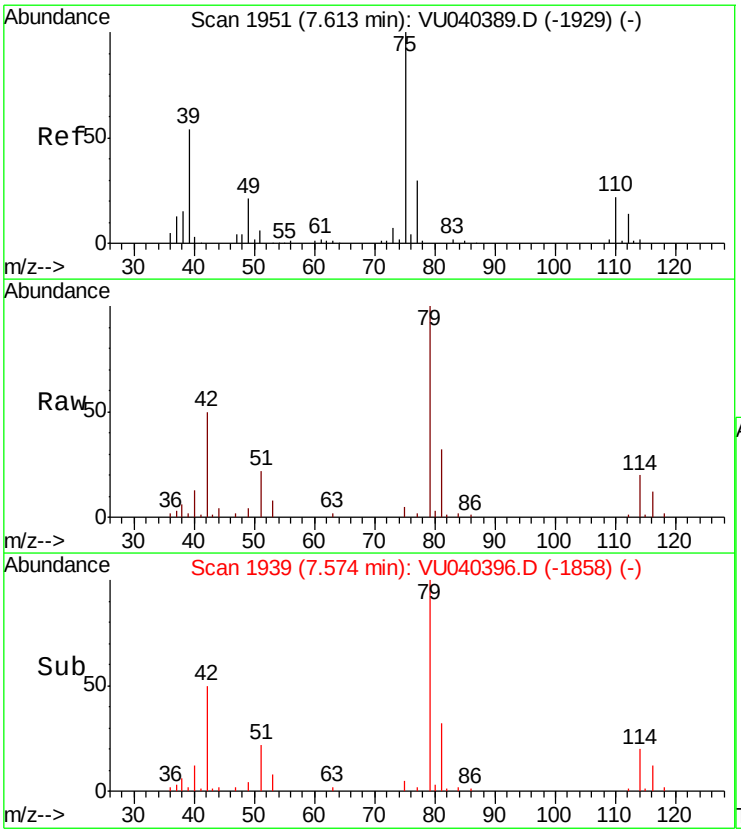
#37
1,2-Dichloropropane
Concen: 0.436 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Instrument :
MSVOA_U
ClientSampleId :
BG0F0

Tgt Ion: 63 Resp: 5182

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

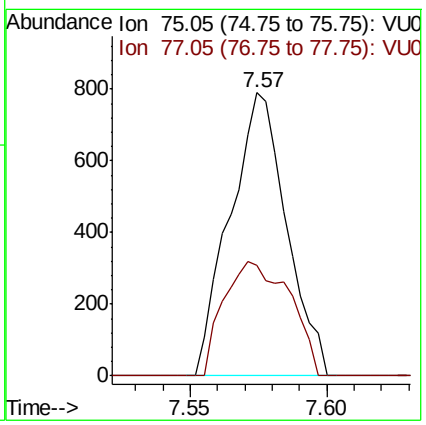


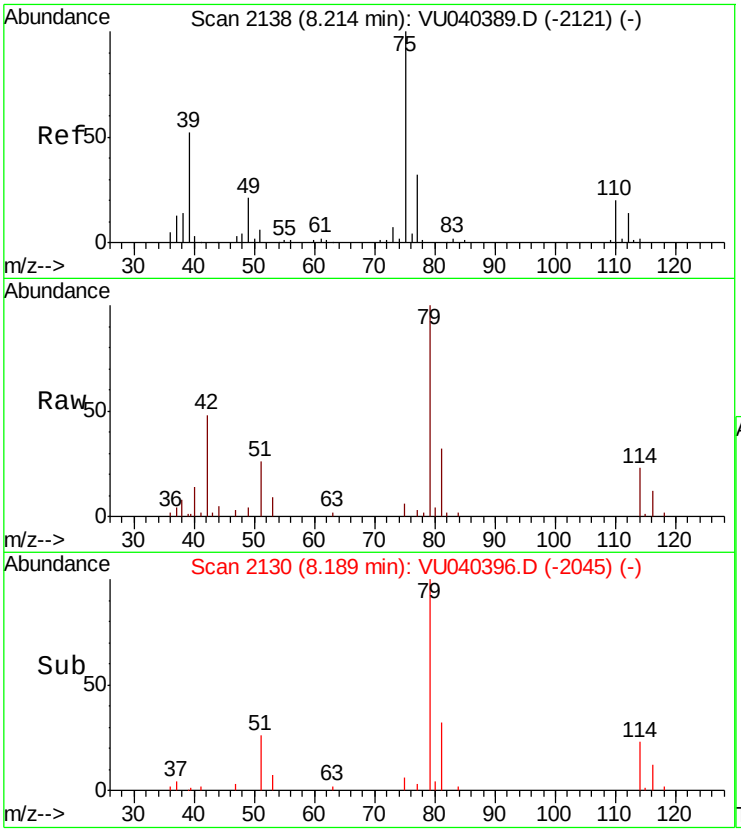


#39
cis-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Tgt Ion: 75 Resp: 1135

Ion	Ratio	Lower	Upper
75	100		
77	39.2	23.5	43.7



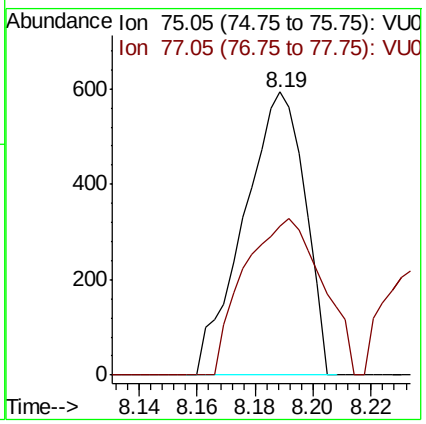


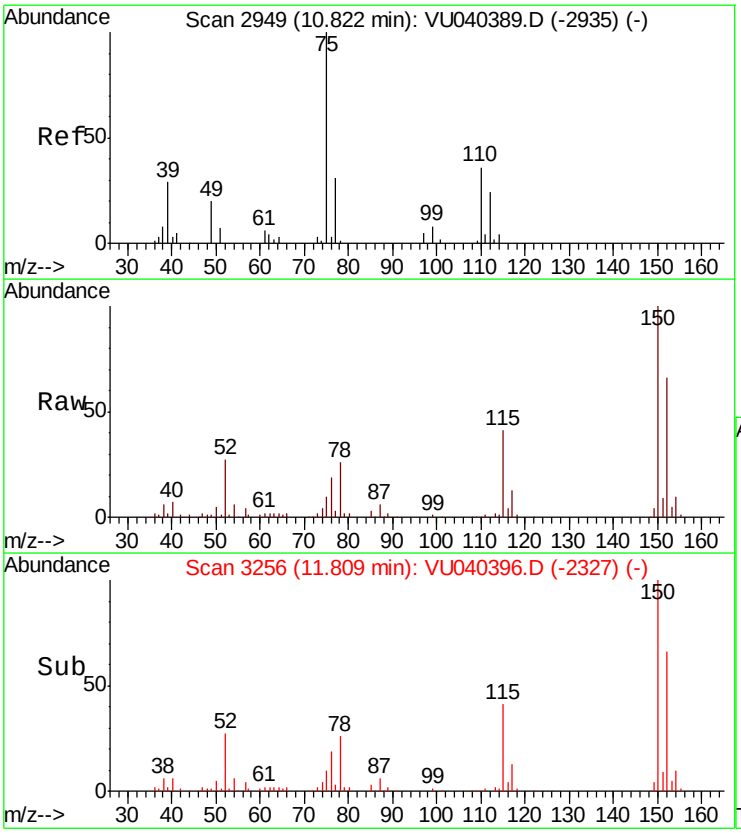
#44
trans-1,3-Dichloropropene
Concen: 0.059 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Instrument : MSVOA_U
ClientSampleId : BG0F0

Tgt Ion: 75 Resp: 867

Ion	Ratio	Lower	Upper
75	100		
77	52.8	22.3	41.3#





#59
1,2,3-Trichloropropane
Concen: 0.925 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040396.D
Acq: 30 Sep 2020 14:06

Tgt Ion: 75 Resp: 7965

Ion	Ratio	Lower	Upper
75	100		
77	38.3	25.7	38.5