Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039394.D
Acq On : 09 Jul 2020 14:41
Operator : SY/MD
Sample : L3231-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4292

Quant Time: Jul 10 00:21:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	103404	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95831	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46063	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	29637	4.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.00%			
7) Chloroethane-d5	1.93	69	25033	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	2.58	63	42037	3.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.40%			
20) 2-Butanone-d5	4.66	46	134904	49.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.40%			
24) Chloroform-d	5.09	84	59355	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.72	65	37424	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.75	84	111209	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.71	67	38123	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.91	98	92740	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	8.19	79	15041	4.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.00%			
46) 2-Hexanone-d5	8.64	63	96342	45.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.76%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36800	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	40665	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	59924	7.107	ug/L #	58
8) Chloroethane	1.94	64	1402	0.230	ug/L #	52
15) Methyl Acetate	3.06	43	2464	0.630	ug/L #	52
17) Methyl tert-butyl Ether	3.39	73	28330	1.462	ug/L #	90
18) trans-1,2-Dichloroethene	3.37	96	114435	16.809	ug/L	97
19) 1,1-Dichloroethane	3.90	63	26810	2.013	ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	10702	1.402	ug/L	91
30) Cyclohexane	5.40	56	940	0.079	ug/L #	21
33) Benzene	5.79	78	23877	0.833	ug/L	100
35) Methylcyclohexane	6.71	83	8509	0.717	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4626	0.592	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1309	0.111	ug/L	87
48) 2-Hexanone	8.70	43	5121	1.066	ug/L #	77
59) 1,2,3-Trichloropropane	11.81	75	7089	1.232	ug/L #	85
69) Naphthalene	14.08	128	2673	0.144	ug/L #	89

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039394.D
Acq On : 09 Jul 2020 14:41
Operator : SY/MD
Sample : L3231-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4292

Quant Time: Jul 10 00:21:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration

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

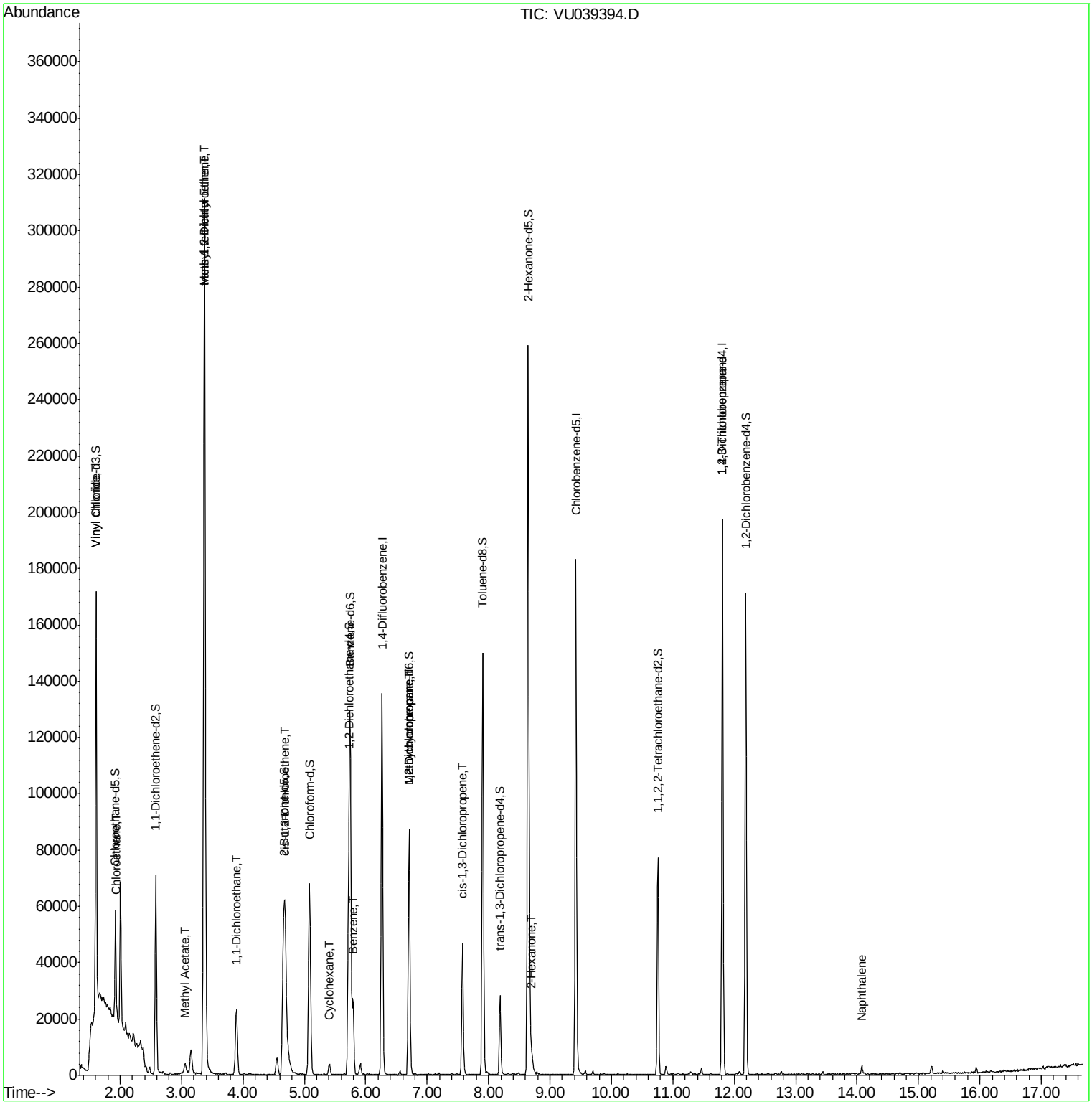
(#) = qualifier out of range (m) = manual integration (+) = signals summed

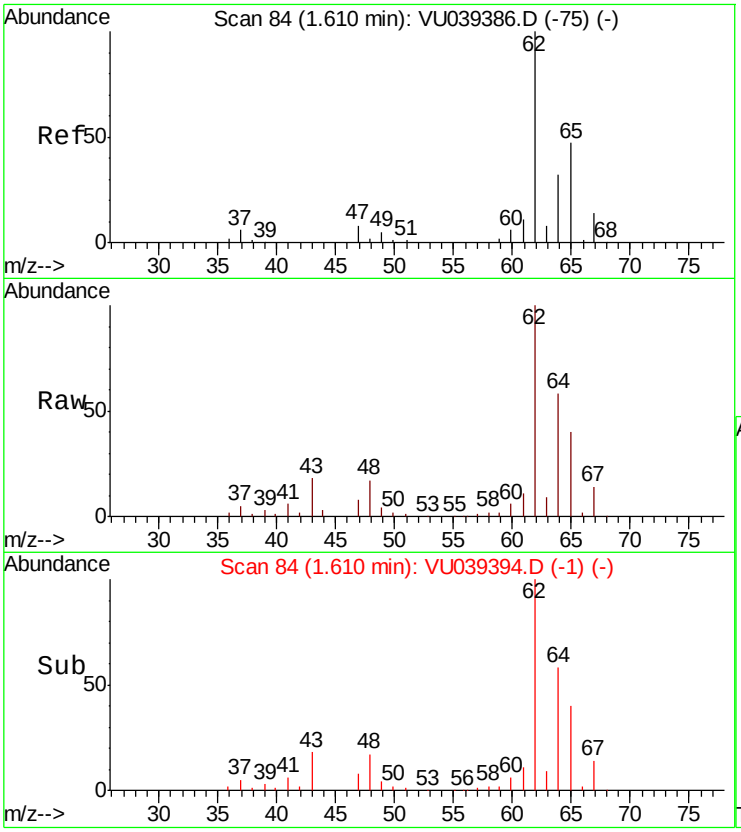
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039394.D
Acq On : 09 Jul 2020 14:41
Operator : SY/MD
Sample : L3231-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4292

Quant Time: Jul 10 00:21:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration



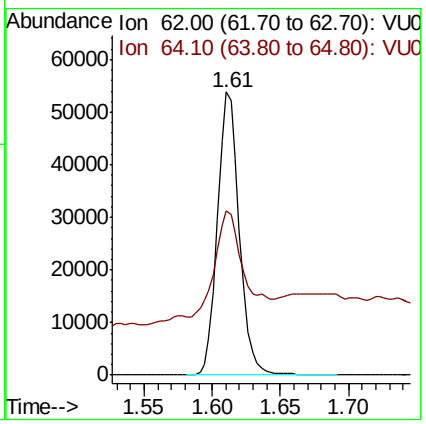


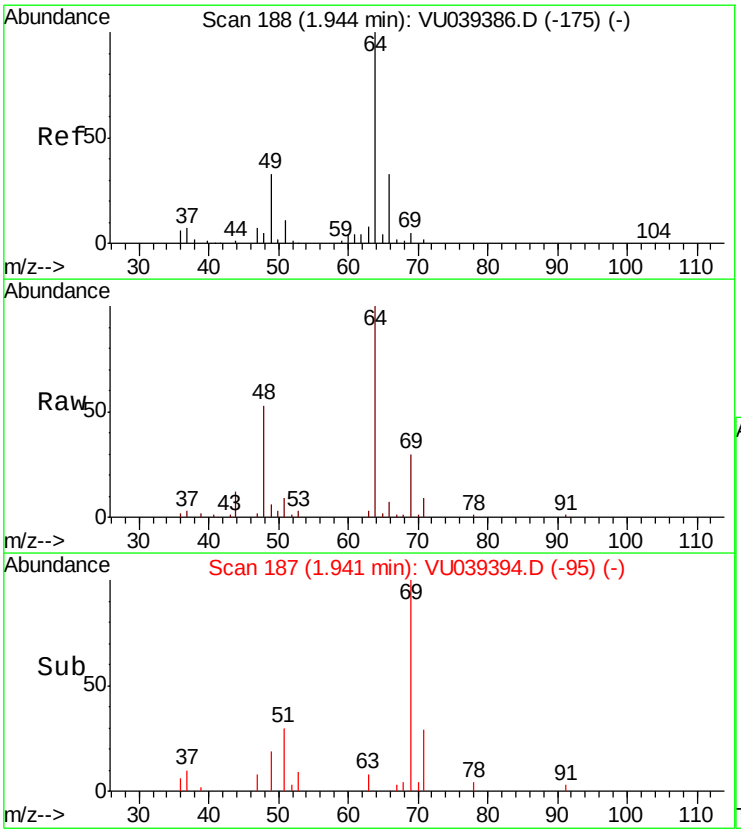
#5
Vinyl chloride
Concen: 7.107 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Instrument :
MSVOA_U
ClientSampleId :
H4292

Tgt Ion: 62 Resp: 59924

Ion	Ratio	Lower	Upper
62	100		
64	58.2	23.7	44.1#

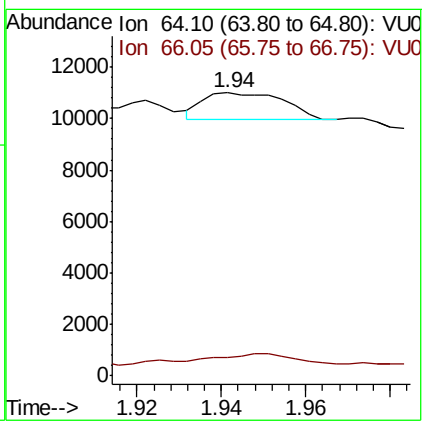


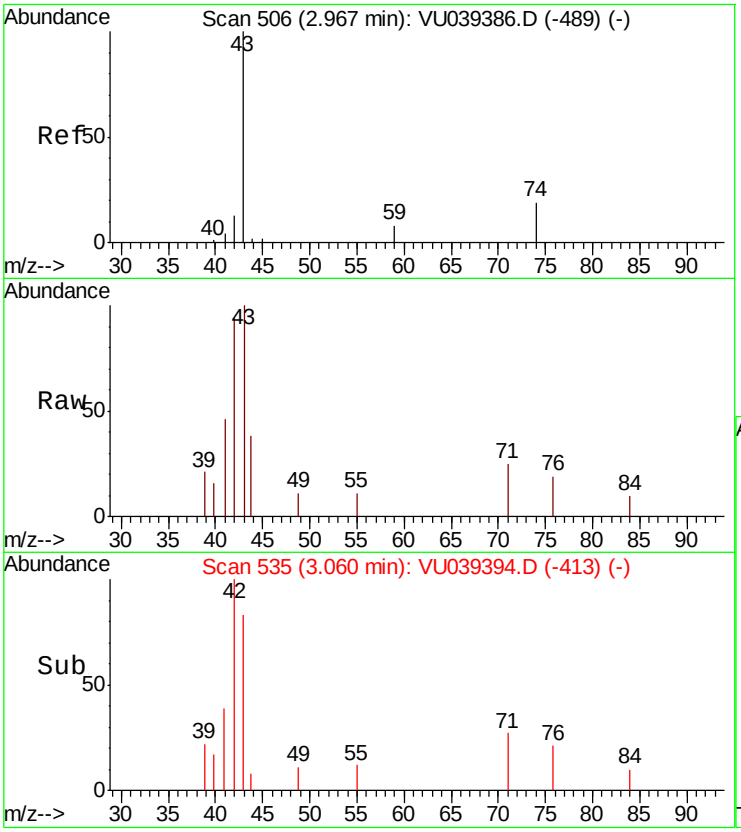


#8
Chloroethane
Concen: 0.230 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Tgt Ion: 64 Resp: 1402

Ion	Ratio	Lower	Upper
64	100		
66	6.5	23.5	43.7#



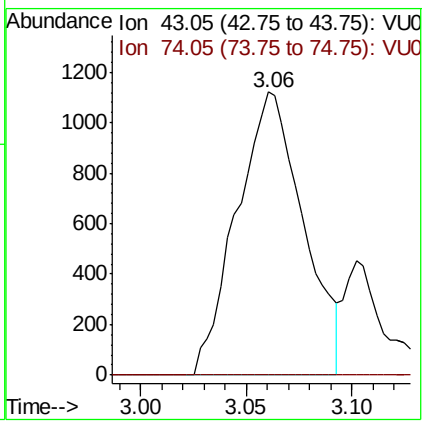


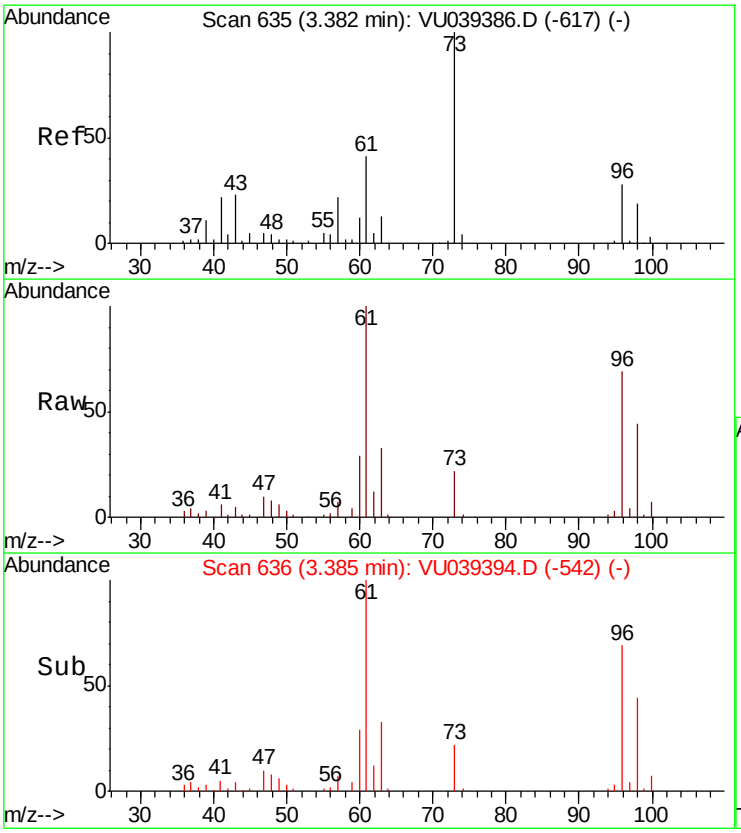
#15
Methyl Acetate
Concen: 0.630 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.09 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Instrument : MSVOA_U
ClientSampleId : H4292

Tgt Ion: 43 Resp: 2464

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.7	28.1#

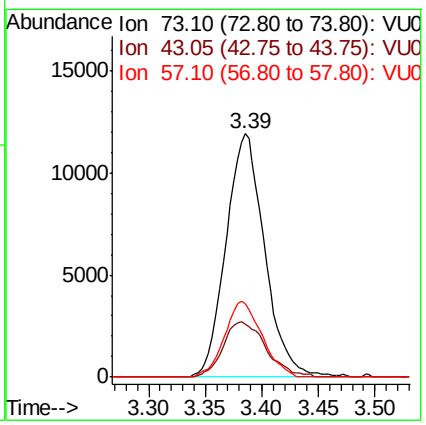


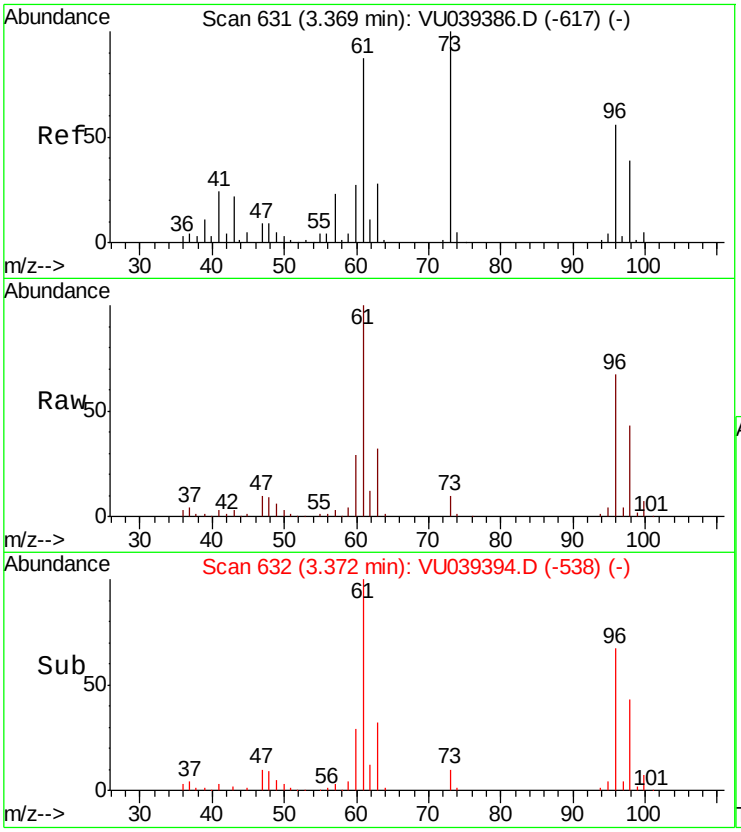


#17
Methyl tert-butyl Ether
Concen: 1.462 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Tgt Ion: 73 Resp: 28330

Ion	Ratio	Lower	Upper
73	100		
43	25.2	18.6	28.0
57	30.1	17.9	26.9#



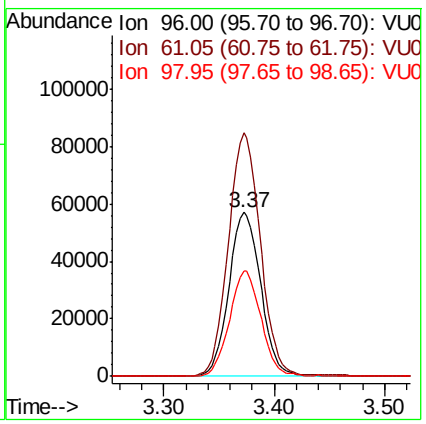


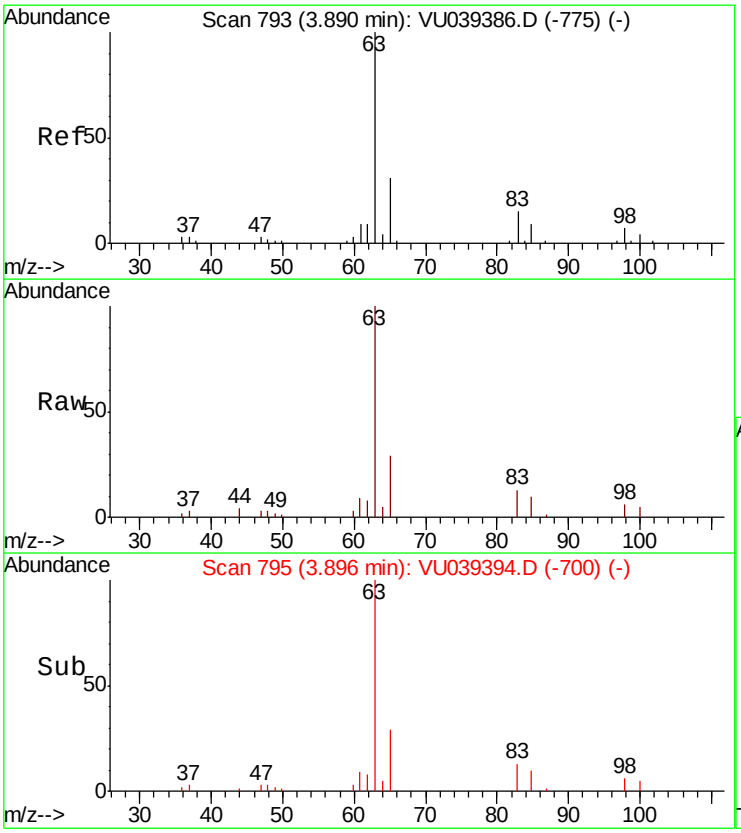
#18
trans-1,2-Dichloroethene
Concen: 16.809 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Instrument : MSVOA_U
ClientSampleId : H4292

Tgt Ion: 96 Resp: 114435

Ion	Ratio	Lower	Upper
96	100		
61	148.3	102.1	189.5
98	64.4	42.5	78.9

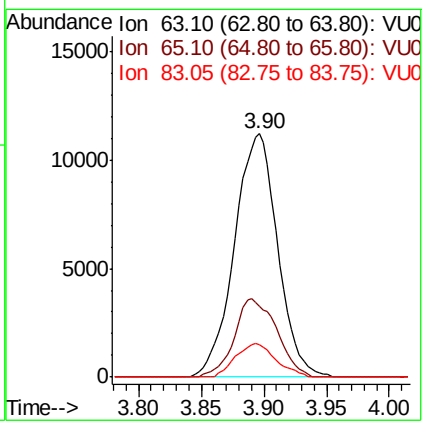


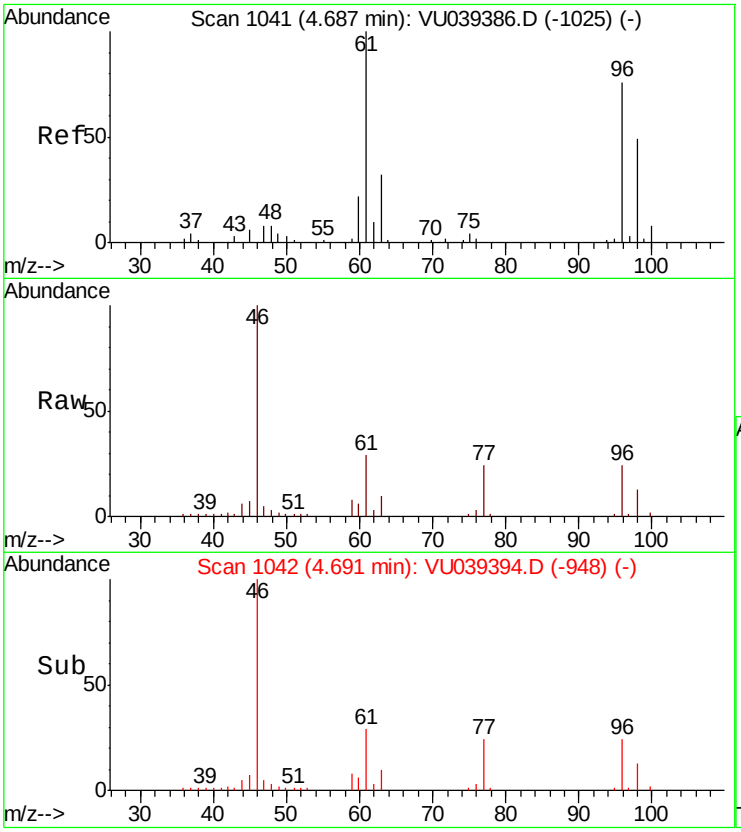


#19
1,1-Dichloroethane
Concen: 2.013 ug/L
RT: 3.90 min Scan# 795
Delta R.T. 0.01 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Tgt Ion: 63 Resp: 26810

Ion	Ratio	Lower	Upper
63	100		
65	28.9	23.0	42.6
83	13.3	9.6	17.8



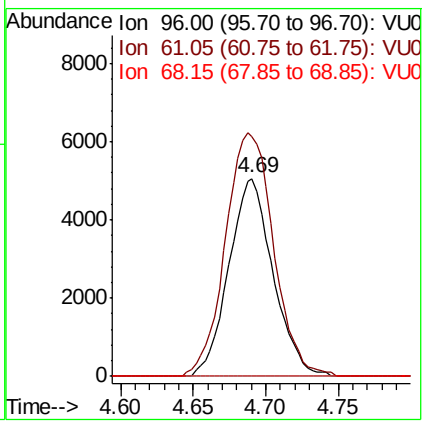


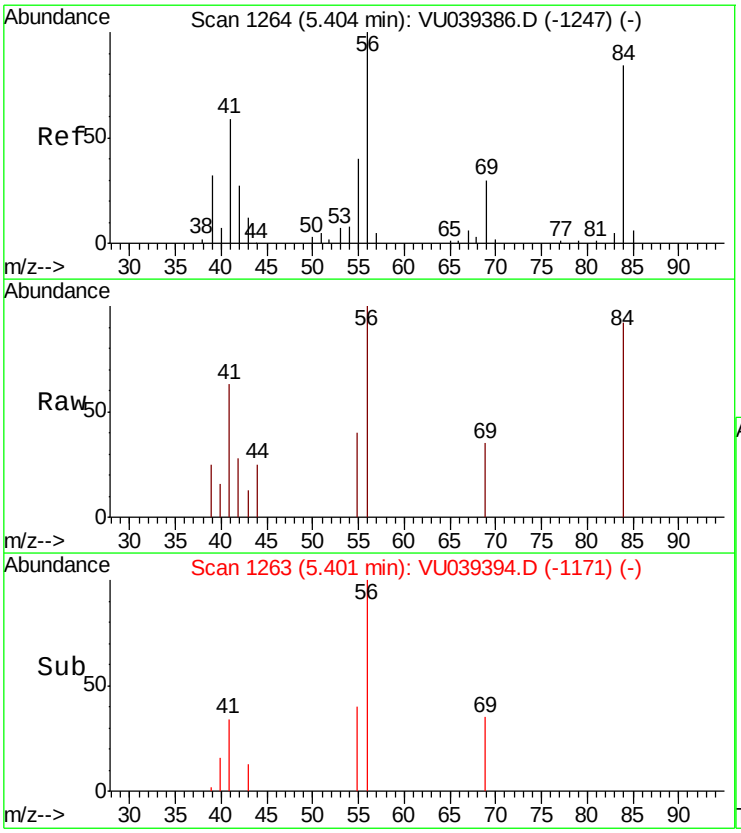
#22
cis-1,2-Dichloroethene
Concen: 1.402 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Instrument :
MSVOA_U
ClientSampleId :
H4292

Tgt Ion: 96 Resp: 10702

Ion	Ratio	Lower	Upper
96	100		
61	121.5	92.8	172.4
68	0.0	0.0	0.0

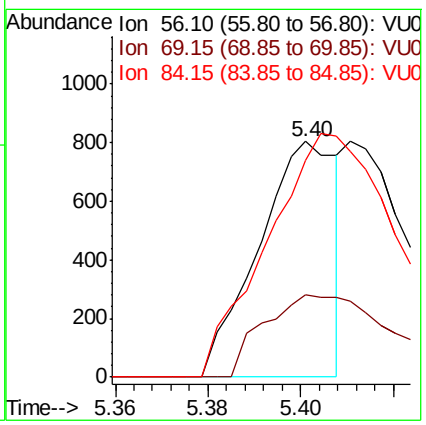


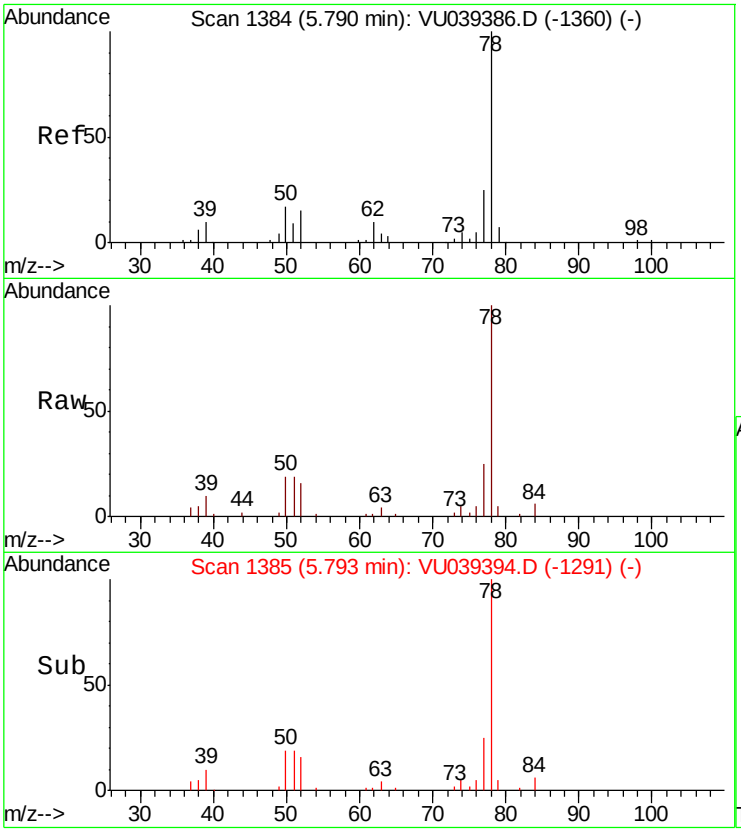


#30
Cyclohexane
Concen: 0.079 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Tgt Ion: 56 Resp: 940

Ion	Ratio	Lower	Upper
56	100		
69	54.0	24.1	36.1#
84	167.2	67.0	100.6#

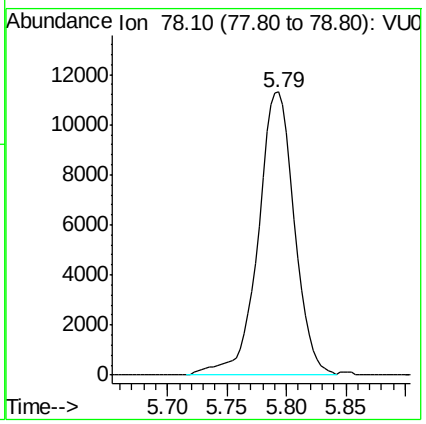


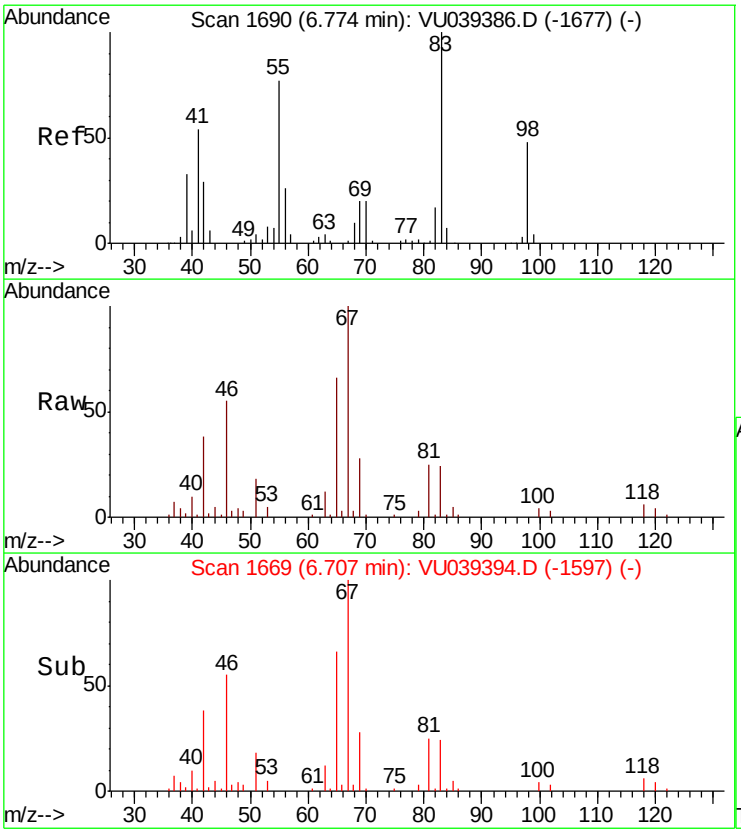


#33
Benzene
Concen: 0.833 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Instrument :
MSVOA_U
ClientSampleId :
H4292

Tgt Ion: 78 Resp: 23877

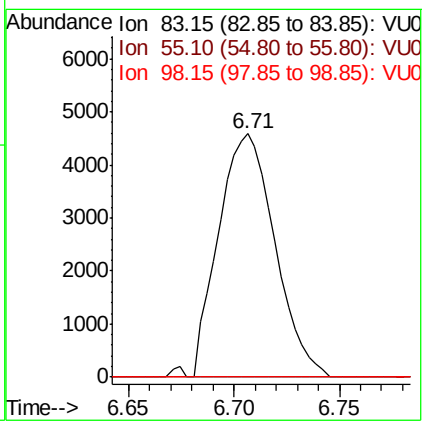


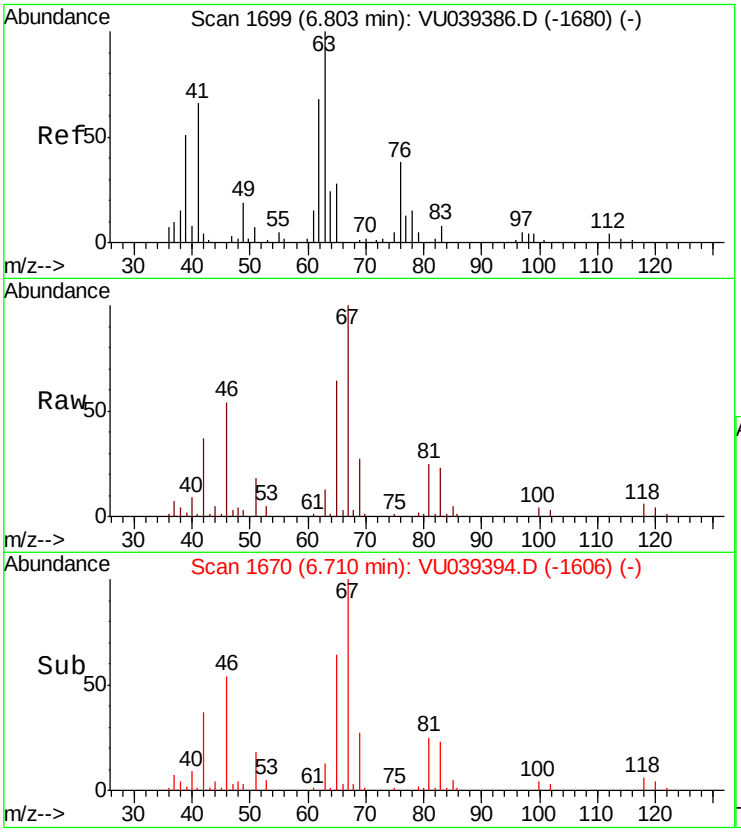


#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Tgt Ion: 83 Resp: 8509

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.1	93.1#
98	0.3	35.9	53.9#



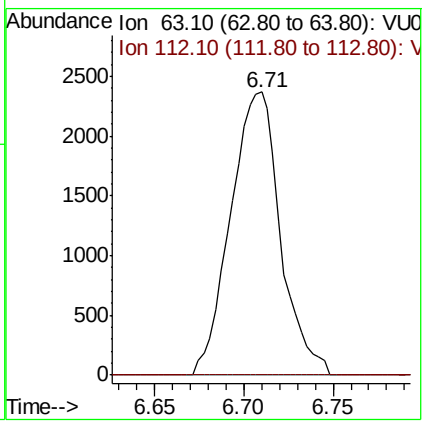


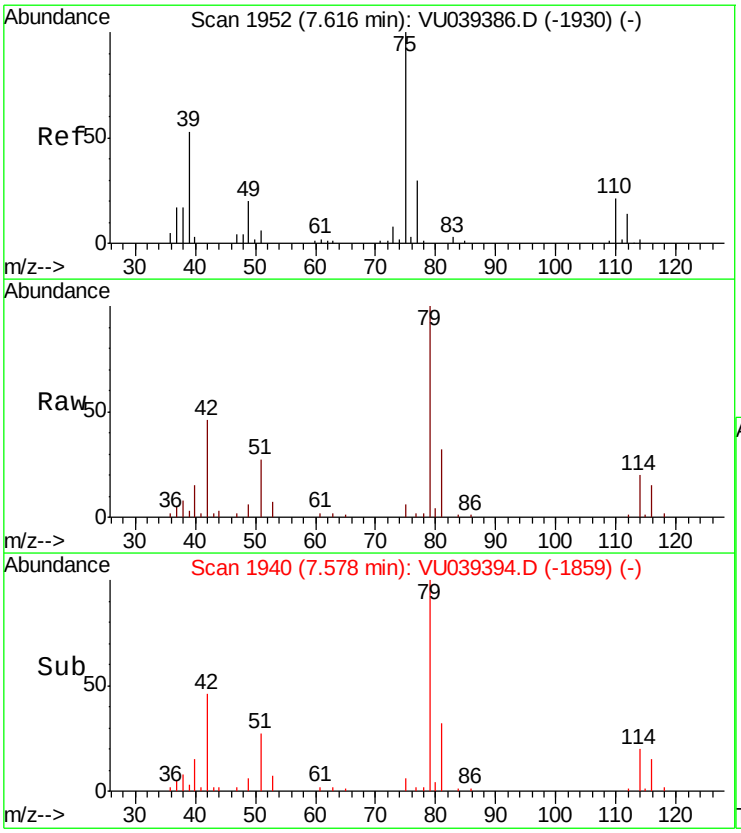
#37
1,2-Dichloropropane
Concen: 0.592 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Instrument :
MSVOA_U
ClientSampleId :
H4292

Tgt Ion: 63 Resp: 4626

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.5	3.7#

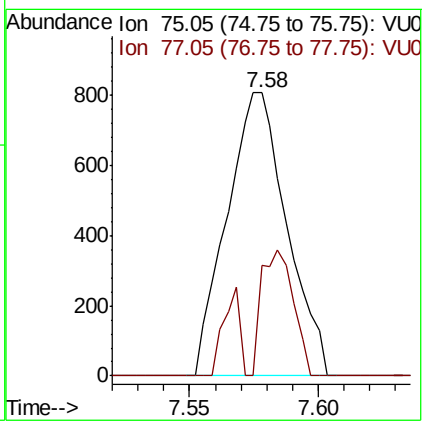


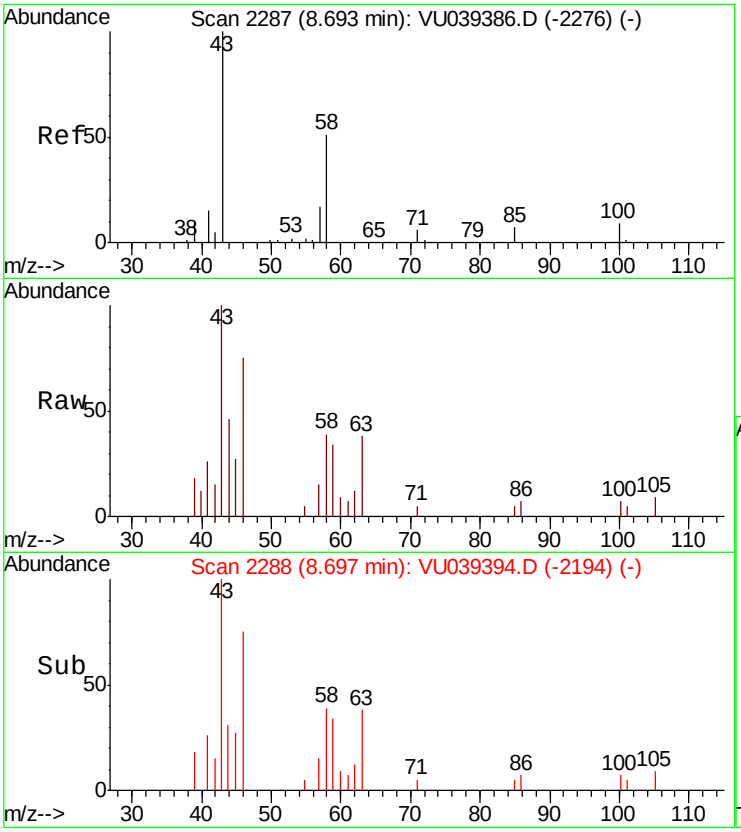


#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Tgt Ion: 75 Resp: 1309

Ion	Ratio	Lower	Upper
75	100		
77	38.9	22.3	41.3



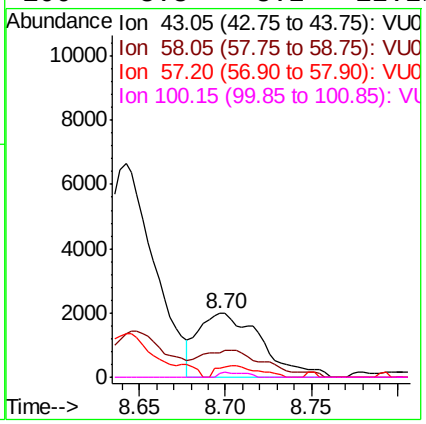


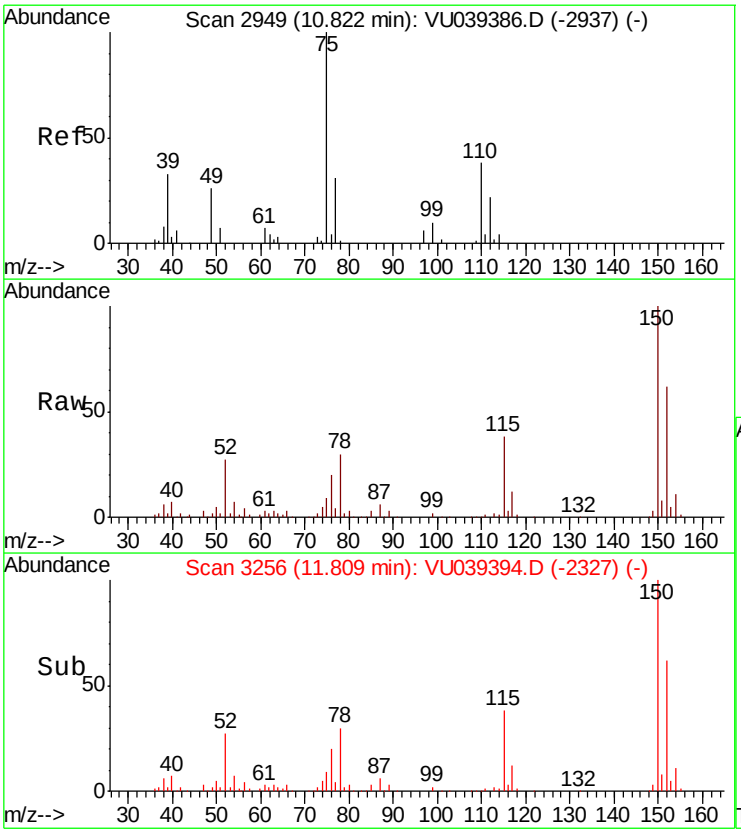
#48
2-Hexanone
Concen: 1.066 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Instrument : MSVOA_U
ClientSampleId : H4292

Tgt Ion: 43 Resp: 5121

Ion	Ratio	Lower	Upper
43	100		
58	33.5	42.0	63.0#
57	11.9	14.0	21.0#
100	3.3	8.2	12.2#

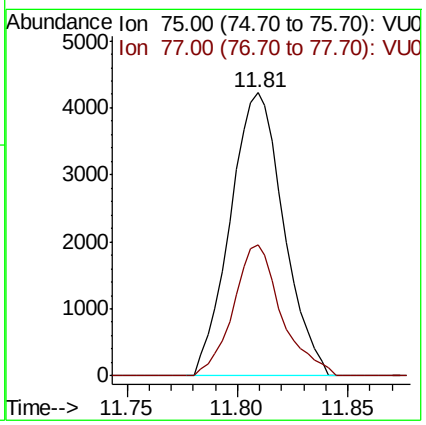


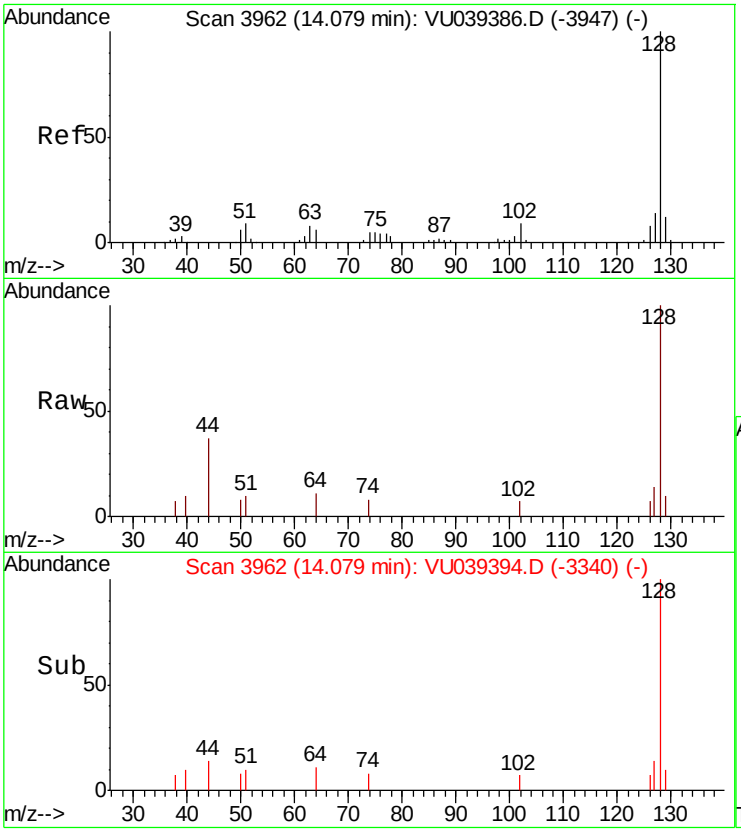


#59
1,2,3-Trichloropropane
Concen: 1.232 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Tgt Ion: 75 Resp: 7089

Ion	Ratio	Lower	Upper
75	100		
77	41.8	26.8	40.2#





#69
Naphthalene
Concen: 0.144 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU039394.D
Acq: 09 Jul 2020 14:41

Instrument :
MSVOA_U
ClientSampleId :
H4292

Tgt Ion:128 Resp: 2673

Ion	Ratio	Lower	Upper
128	100		
129	5.6	8.6	13.0#
127	9.5	10.4	15.6#