Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070820\
Data File : VU039355.D
Acq On : 08 Jul 2020 18:16
Operator : SY/MD
Sample : L3231-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4293

Quant Time: Jul 09 02:33:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 09 02:29:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	104139	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47090	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	33135	5.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.80%			
7) Chloroethane-d5	1.92	69	30653	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.58	63	50136	4.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.40%			
20) 2-Butanone-d5	4.67	46	139536	50.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.06%			
24) Chloroform-d	5.09	84	72465	5.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.80%			
26) 1,2-Dichloroethane-d4	5.72	65	44171	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%			
32) Benzene-d6	5.74	84	139324	5.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 119.60%			
36) 1,2-Dichloropropane-d6	6.71	67	48343	5.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 118.00%			
41) Toluene-d8	7.91	98	120438	5.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.20%			
43) trans-1,3-Dichloropropene-	8.19	79	18551	5.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.60%			
46) 2-Hexanone-d5	8.65	63	107841	50.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.58%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	41728	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	48964	5.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.60%			
Target Compounds						Qvalue
3) Chloromethane	1.51	50	806	0.105	ug/L #	42
5) Vinyl chloride	1.61	62	14081	1.658	ug/L #	1
8) Chloroethane	2.12	64	2518	0.410	ug/L #	49
12) 1,1-Dichloroethene	2.59	96	383	0.062	ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	6070	0.885	ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	3570	0.464	ug/L	92
35) Methylcyclohexane	6.70	83	10702	0.893	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5748	0.729	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1541	0.129	ug/L #	71
48) 2-Hexanone	8.70	43	4985	1.027	ug/L #	80
59) 1,2,3-Trichloropropane	11.81	75	7446	1.281	ug/L	97

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

Quantitation Report (Not Reviewed)

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Acq On : 08 Jul 2020 18:16
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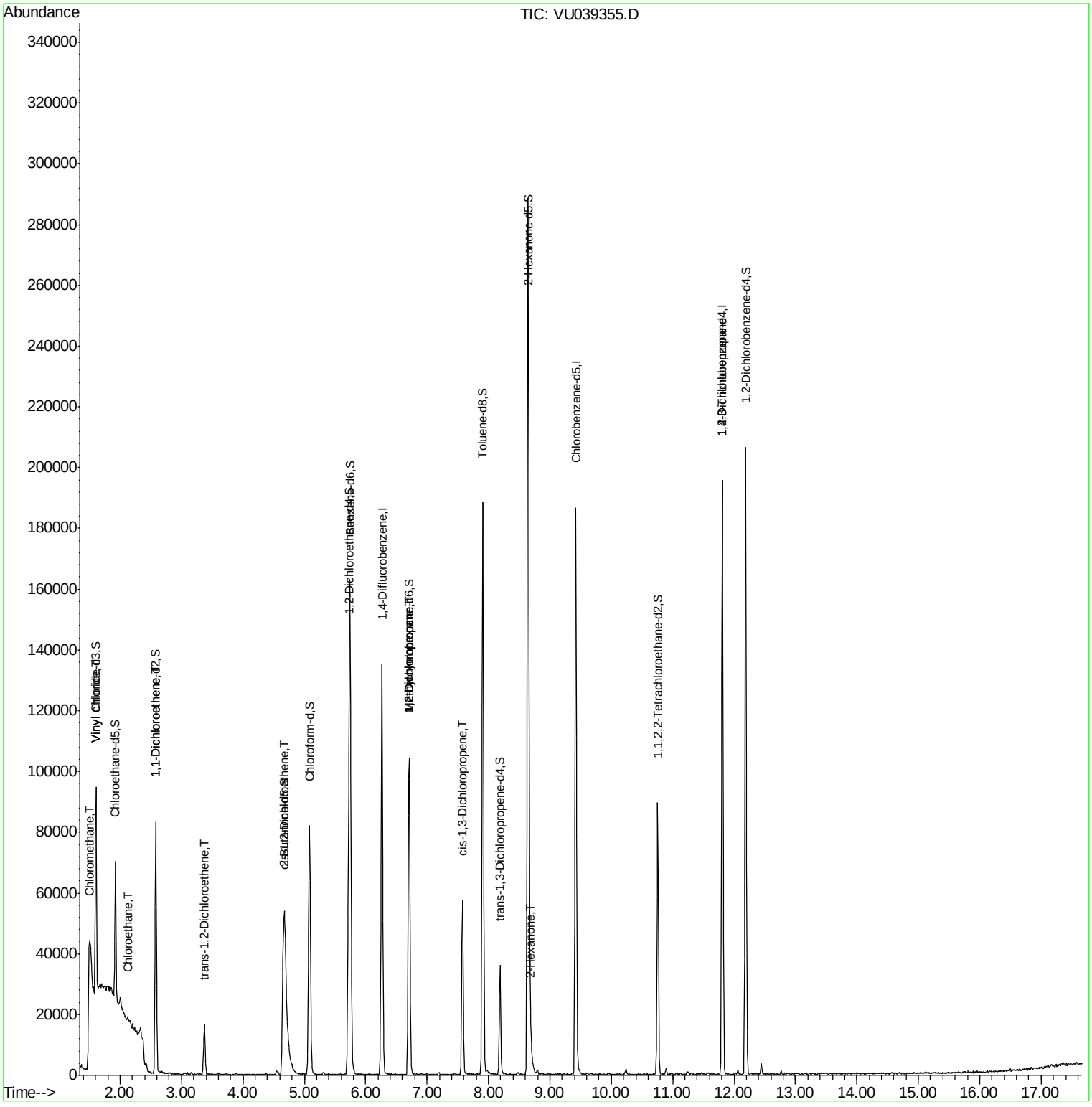
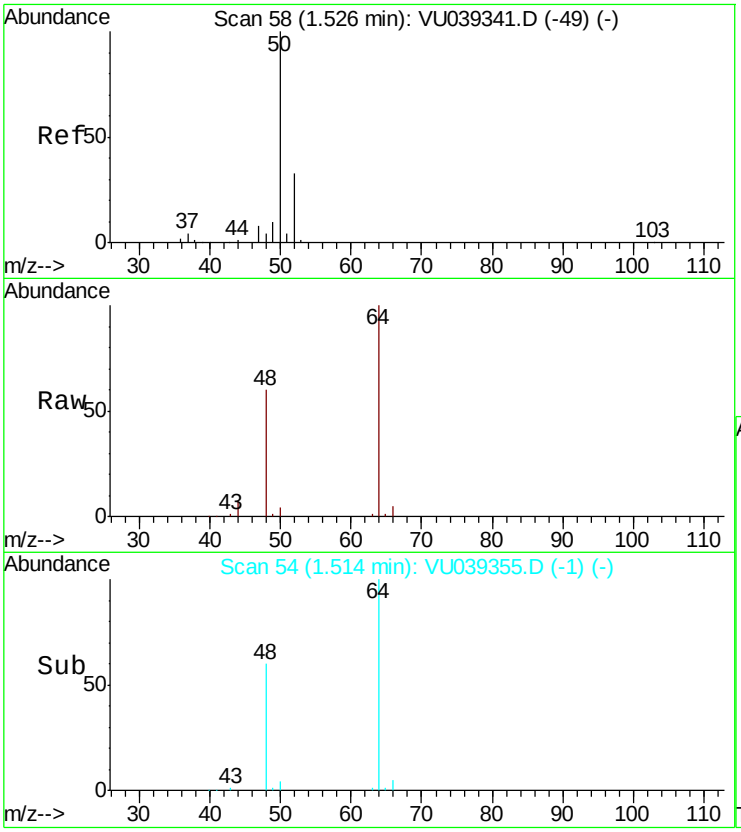
Sample : L3231-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4293

Quant Time: Jul 09 02:33:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 09 02:29:26 2020
Response via : Initial Calibration



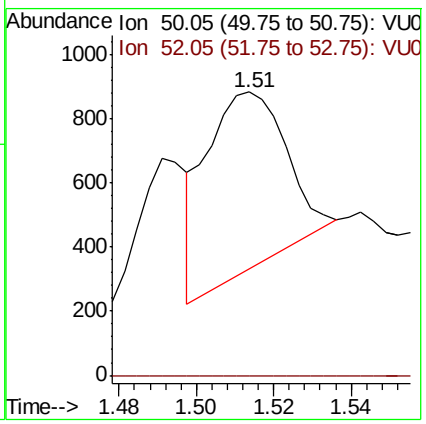


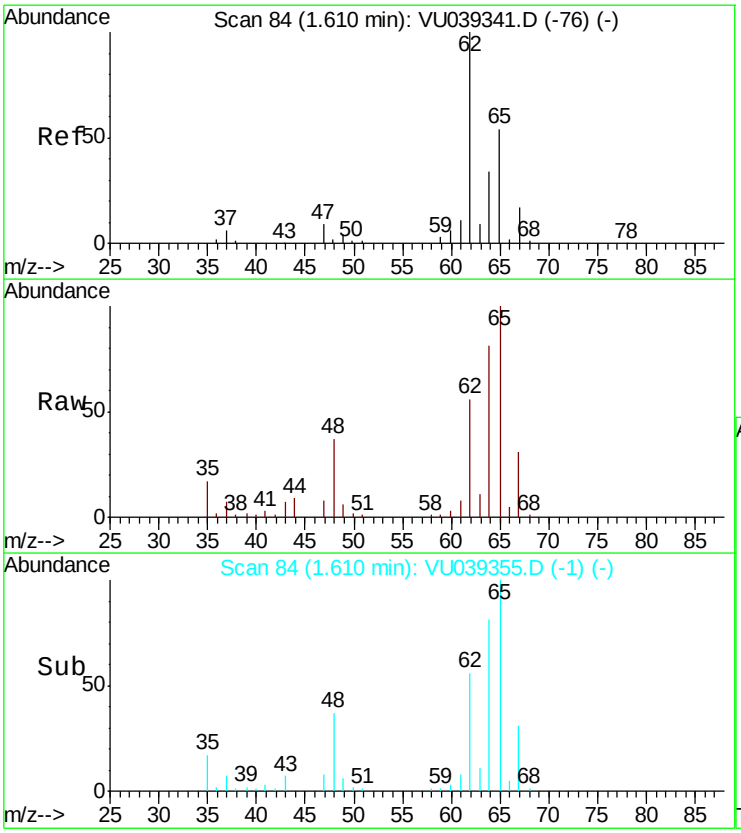
#3
Chloromethane
Concen: 0.105 ug/L
RT: 1.51 min Scan# 54
Delta R.T. -0.01 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Instrument : MSVOA_U
ClientSampleId : H4293

Tgt Ion: 50 Resp: 806

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.8#

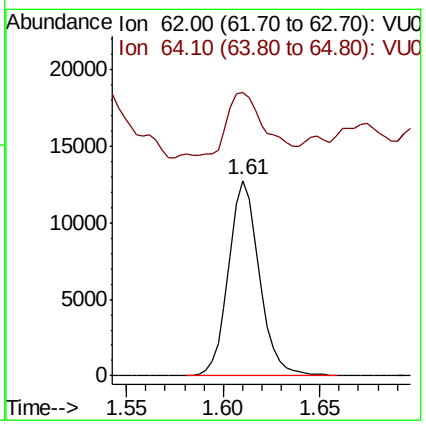


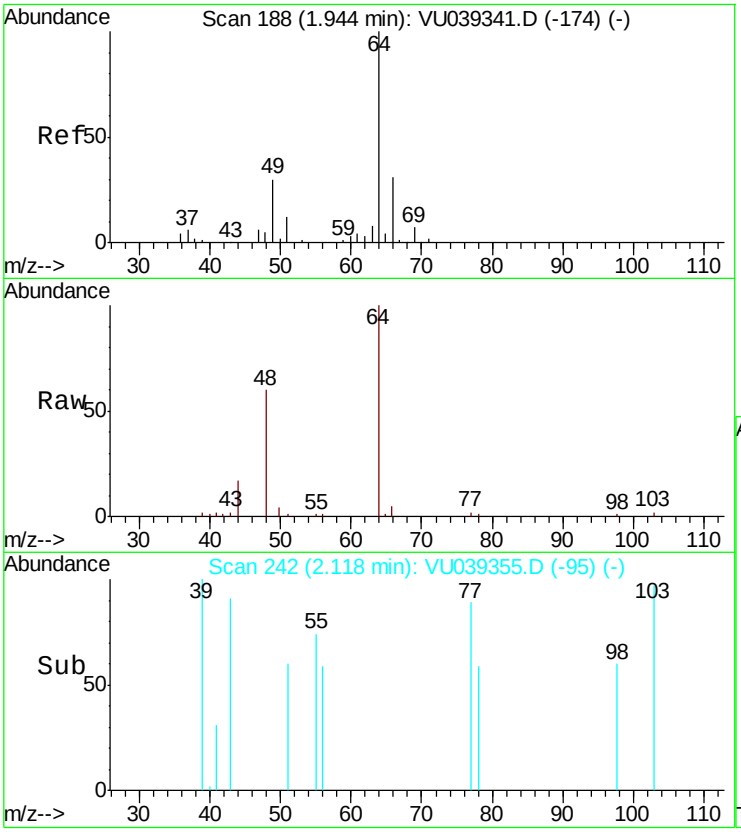


#5
Vinyl chloride
Concen: 1.658 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Tgt Ion: 62 Resp: 14081

Ion	Ratio	Lower	Upper
62	100		
64	144.9	23.7	44.1#



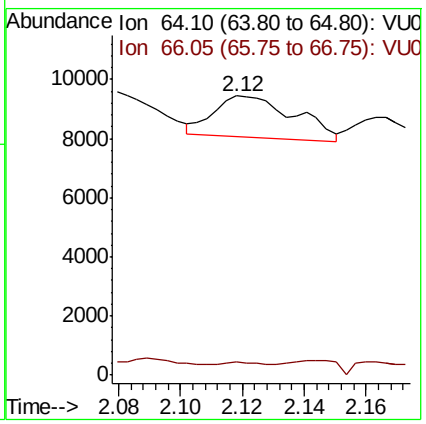


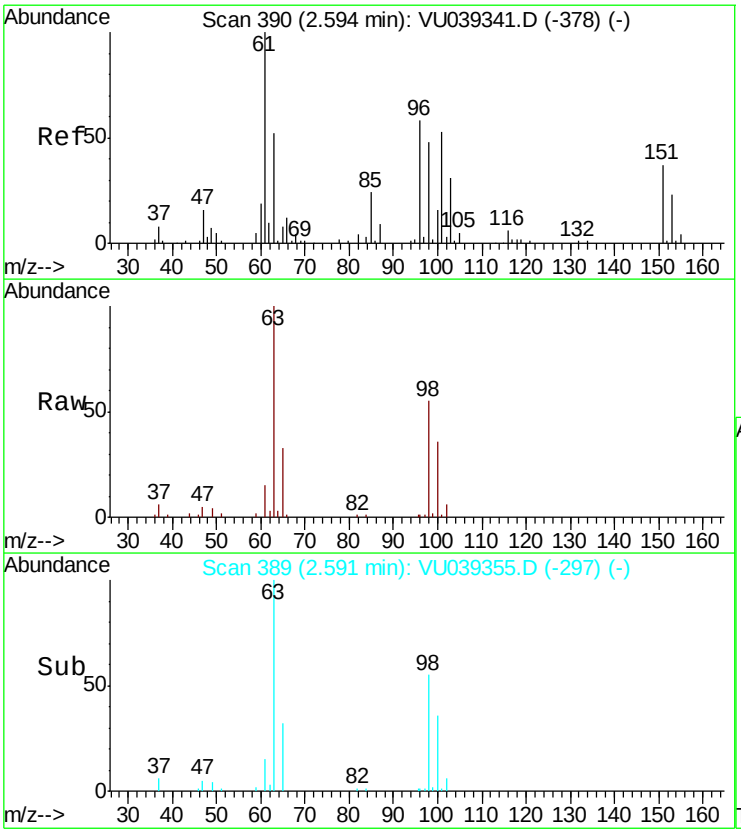
#8
Chloroethane
Concen: 0.410 ug/L
RT: 2.12 min Scan# 242
Delta R.T. 0.17 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Instrument : MSVOA_U
ClientSampleId : H4293

Tgt Ion: 64 Resp: 2518

Ion	Ratio	Lower	Upper
64	100		
66	4.6	23.5	43.7#

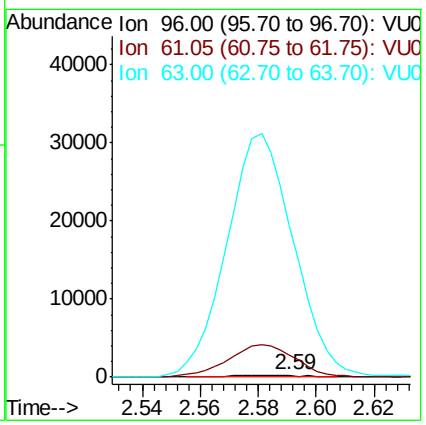


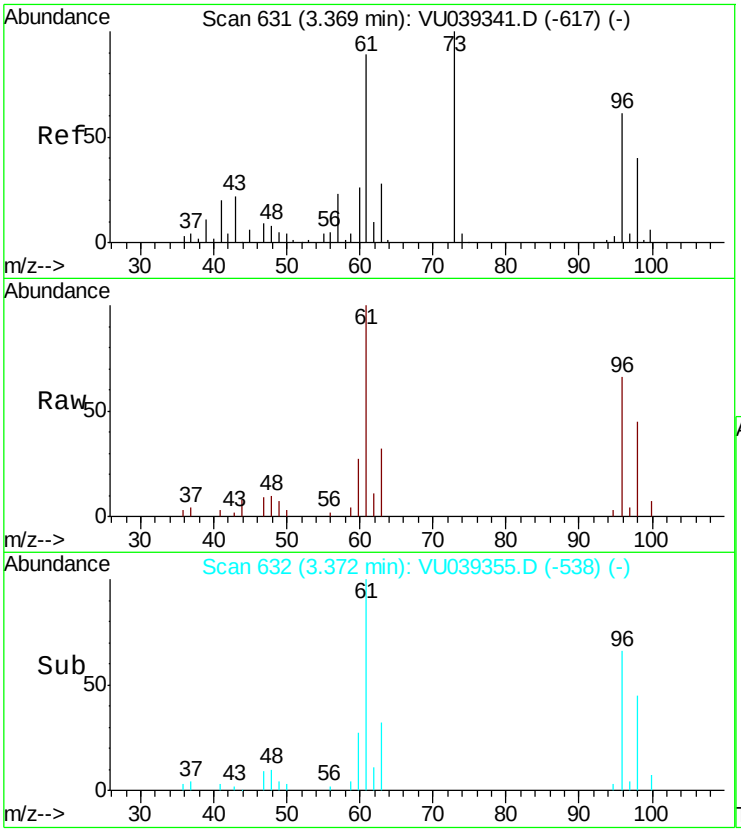


#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Tgt Ion: 96 Resp: 383

Ion	Ratio	Lower	Upper
96	100		
61	1065.8	125.4	232.8#
63	7268.4	92.7	172.3#



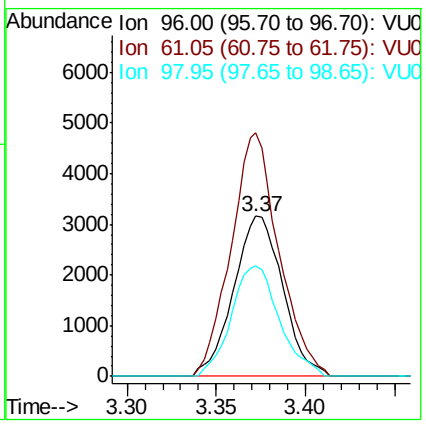


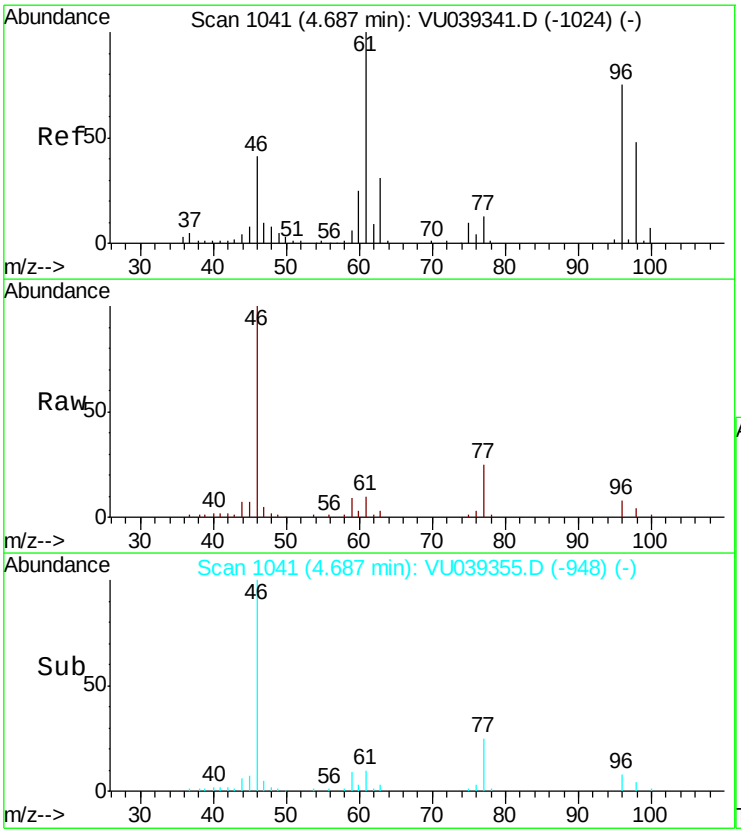
#18
trans-1,2-Dichloroethene
Concen: 0.885 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Instrument :
MSVOA_U
ClientSampleId :
H4293

Tgt Ion: 96 Resp: 6070

Ion	Ratio	Lower	Upper
96	100		
61	152.1	102.1	189.5
98	69.1	42.5	78.9

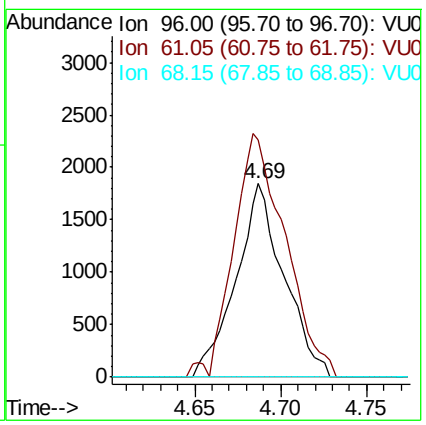


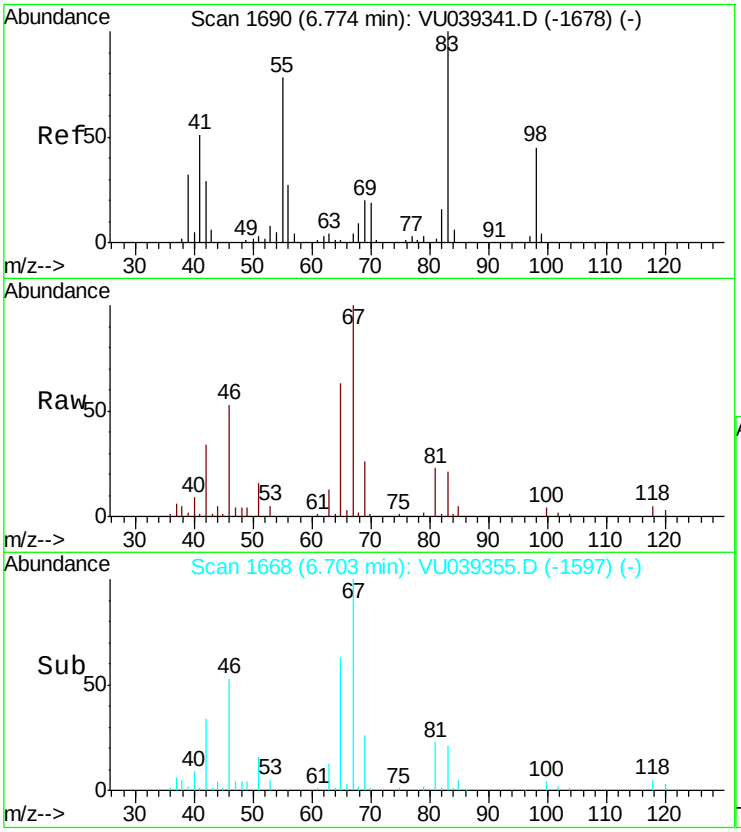


#22
cis-1,2-Dichloroethene
Concen: 0.464 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Tgt Ion: 96 Resp: 3570

Ion	Ratio	Lower	Upper
96	100		
61	123.0	92.8	172.4
68	0.0	0.0	0.0



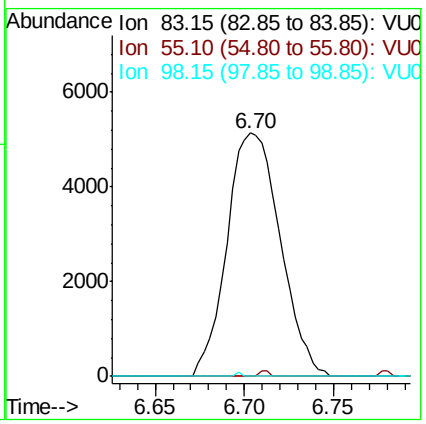


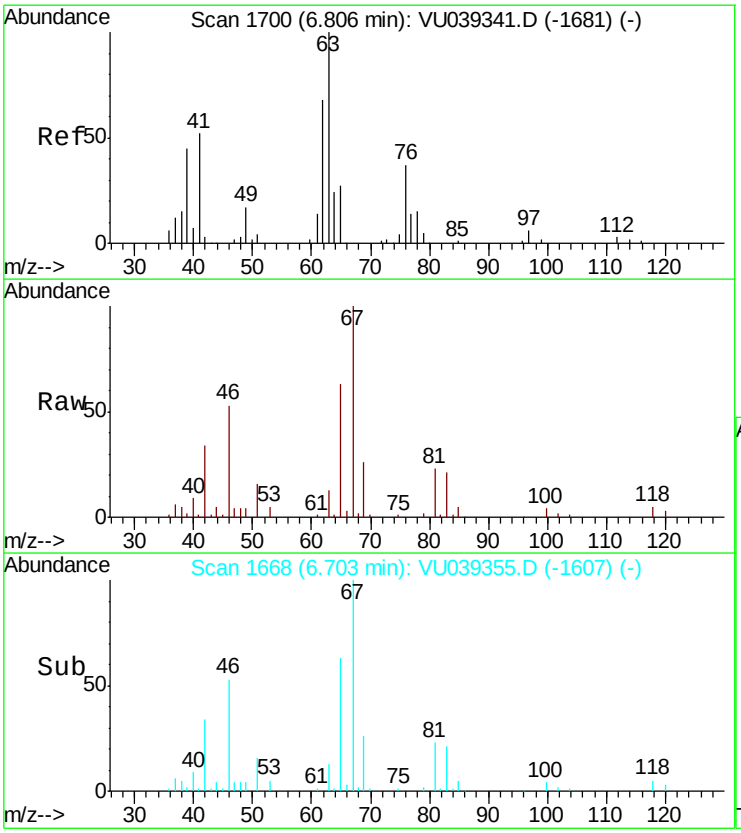
#35
Methylcyclohexane
Concen: 0.893 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Instrument : MSVOA_U
ClientSampleId : H4293

Tgt Ion: 83 Resp: 10702

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.1	93.1#
98	0.2	35.9	53.9#

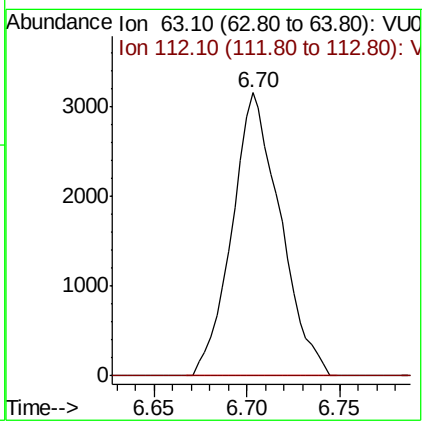


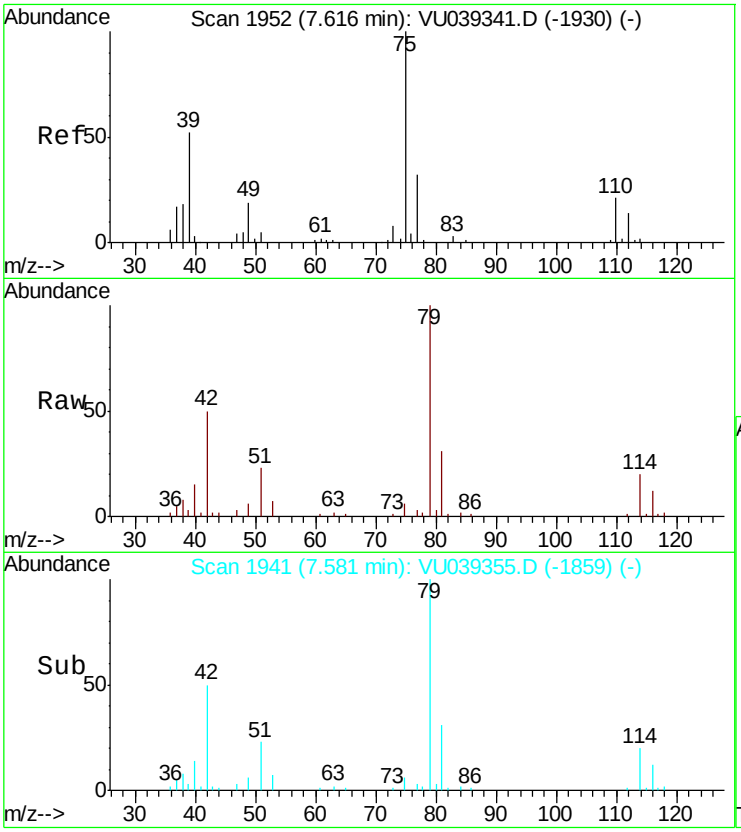


#37
1,2-Dichloropropane
Concen: 0.729 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Tgt Ion: 63 Resp: 5748

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.5	3.7#



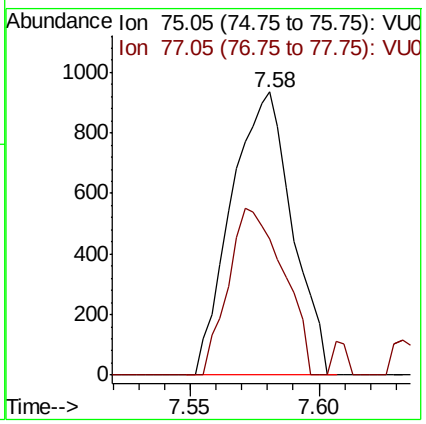


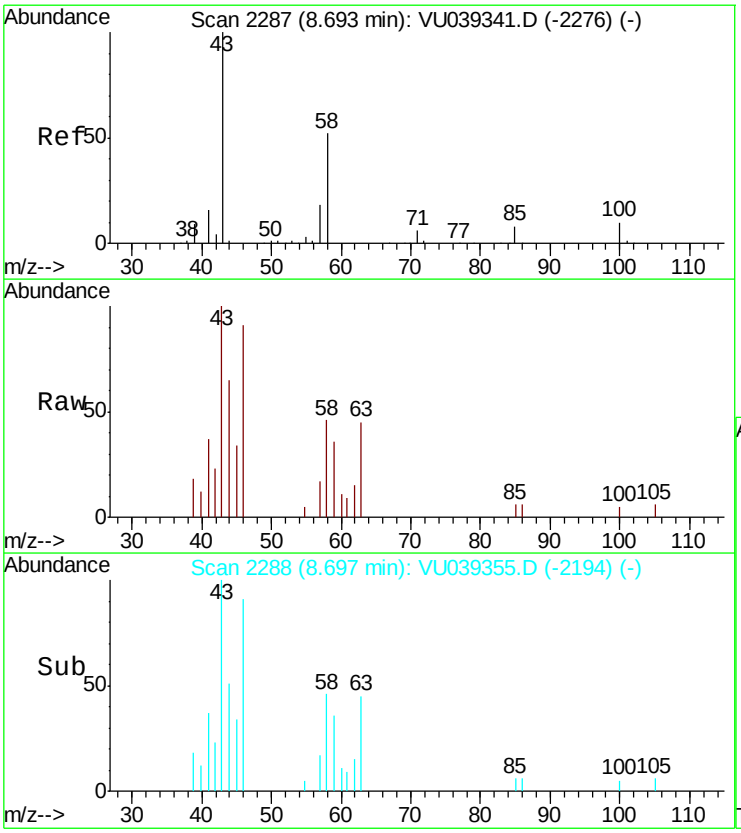
#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.58 min Scan# 1941
Delta R.T. -0.04 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Instrument :
MSVOA_U
ClientSampleId :
H4293

Tgt Ion: 75 Resp: 1541

Ion	Ratio	Lower	Upper
75	100		
77	48.0	22.3	41.3#

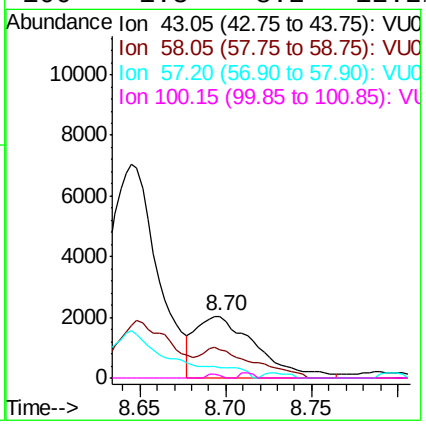


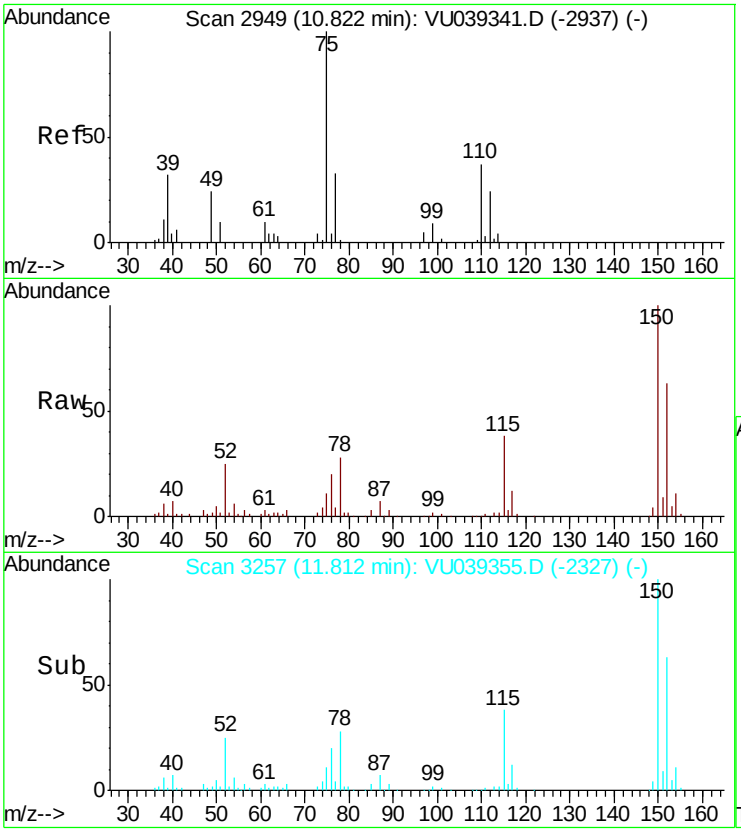


#48
2-Hexanone
Concen: 1.027 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Tgt Ion: 43 Resp: 4985

Ion	Ratio	Lower	Upper
43	100		
58	43.4	42.0	63.0
57	0.0	14.0	21.0#
100	1.3	8.2	12.2#





#59
1,2,3-Trichloropropane
Concen: 1.281 ug/L
RT: 11.81 min Scan# 3257
Delta R.T. 0.99 min
Lab File: VU039355.D
Acq: 08 Jul 2020 18:16

Instrument :
MSVOA_U
ClientSampleId :
H4293

Tgt Ion: 75 Resp: 7446

Ion	Ratio	Lower	Upper
75	100		
77	35.2	26.8	40.2