Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039772.D
Acq On : 06 Aug 2020 21:26
Operator : SY/MD
Sample : L3590-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 07 04:31:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	83906	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	80911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38658	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23039	5.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.80%			
7) Chloroethane-d5	1.92	69	23129	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.57	63	40136	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.00%			
20) 2-Butanone-d5	4.71	46	90136	45.23	ug/L	0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.46%			
24) Chloroform-d	5.08	84	54714	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.72	65	31466	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.74	84	97764	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.71	67	33695	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.90	98	79334	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	8.19	79	11298	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.65	63	69732	50.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.96%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30421	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	35546	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	1222	0.172	ug/L	96
5) Vinyl chloride	1.60	62	6380	0.935	ug/L	87
8) Chloroethane	1.95	64	476	0.095	ug/L #	54
12) 1,1-Dichloroethene	2.57	96	398	0.080	ug/L #	1
13) Acetone	2.73	43	22284	18.968	ug/L	84
14) Carbon disulfide	2.79	76	2616	0.167	ug/L #	85
15) Methyl Acetate	2.73	43	18446	6.366	ug/L #	56
18) trans-1,2-Dichloroethene	3.36	96	3489	0.626	ug/L	84
22) cis-1,2-Dichloroethene	4.68	96	32738	5.402	ug/L	98
33) Benzene	5.78	78	7323	0.332	ug/L	100
34) Trichloroethene	6.55	95	2258	0.394	ug/L	97
35) Methylcyclohexane	6.70	83	8669	0.949	ug/L #	21
37) 1,2-Dichloropropane	6.71	63	3681	0.629	ug/L #	86
40) 4-Methyl-2-pentanone	7.81	43	12061	2.756	ug/L	99
42) Toluene	7.97	91	6426	0.277	ug/L	92
47) Tetrachloroethene	8.56	164	821	0.174	ug/L #	85
49) Dibromochloromethane	8.56	129	645	0.119	ug/L #	12

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039772.D
Acq On : 06 Aug 2020 21:26
Operator : SY/MD
Sample : L3590-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 07 04:31:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	9.57	91	1837	0.071	ug/L		95
53) m,p-Xylene	9.69	106	2593	0.263	ug/L		96
54) o-Xylene	10.10	106	798	0.083	ug/L		78
59) 1,2,3-Trichloropropane	11.81	75	5180	1.226	ug/L	#	83

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
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Acq On : 06 Aug 2020 21:26
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Misc : 25.0mL/MSVOA_U/WATER
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MSVOA_U
ClientSampleId :

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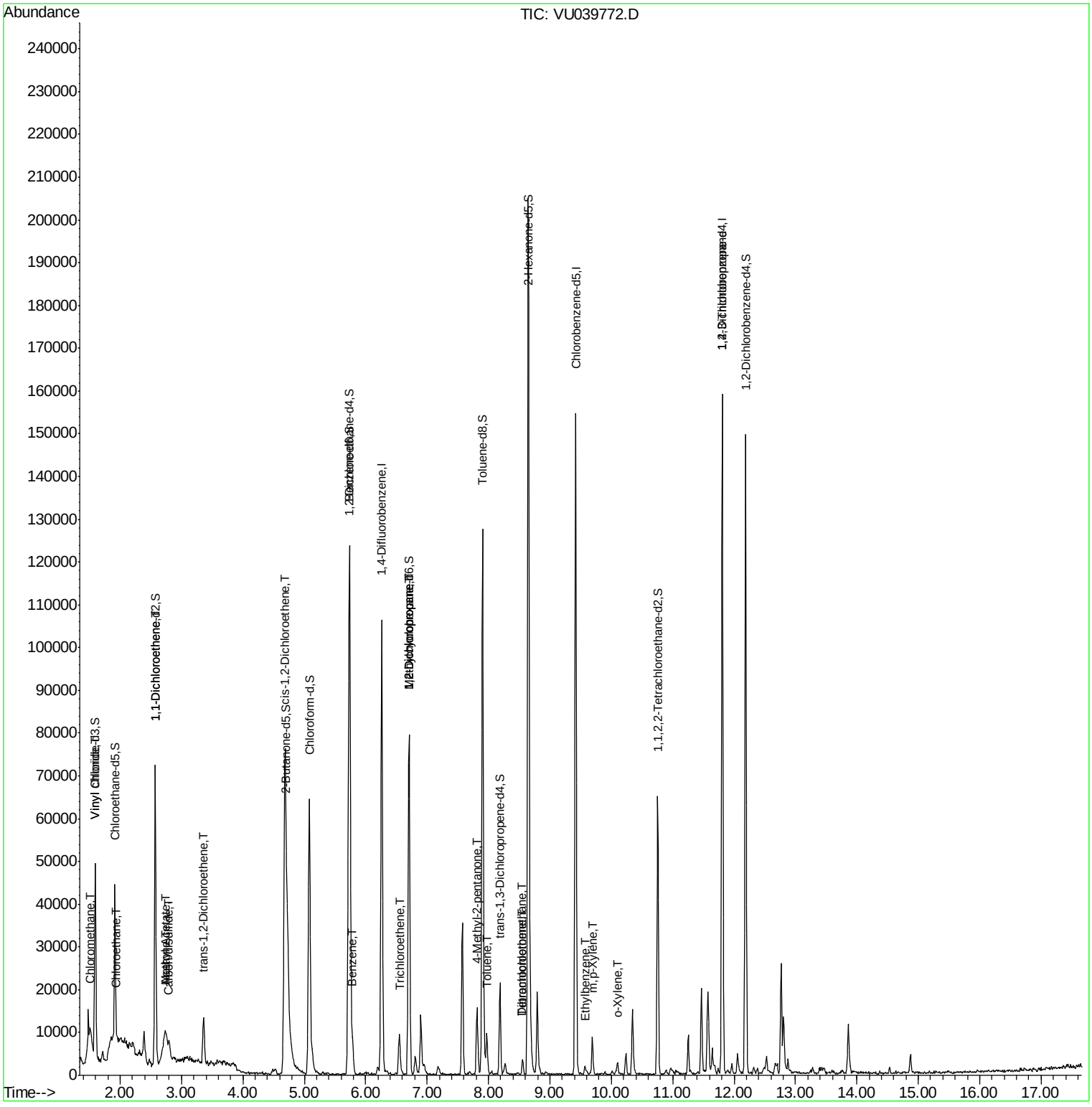
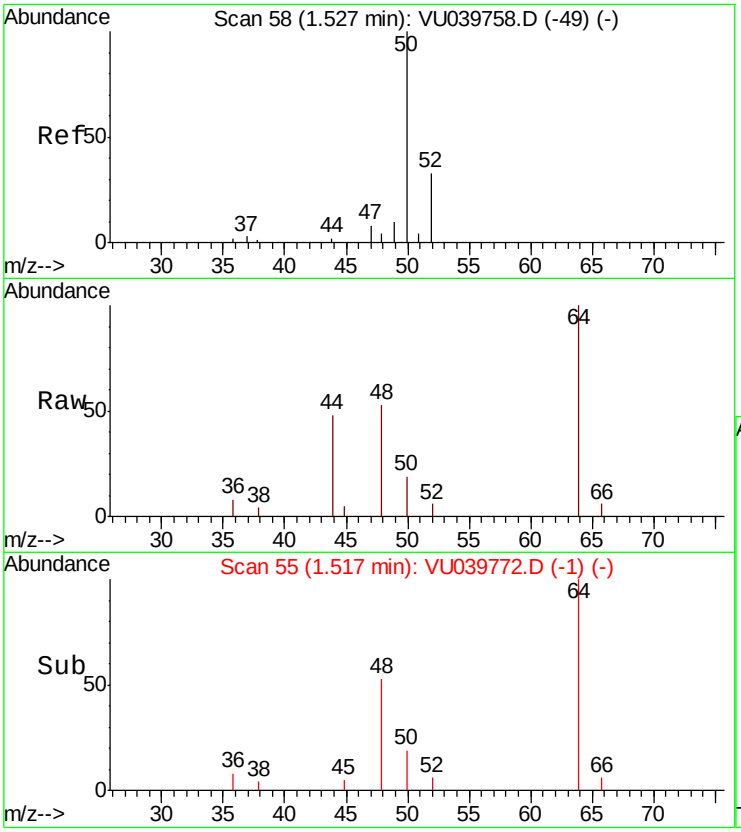
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration



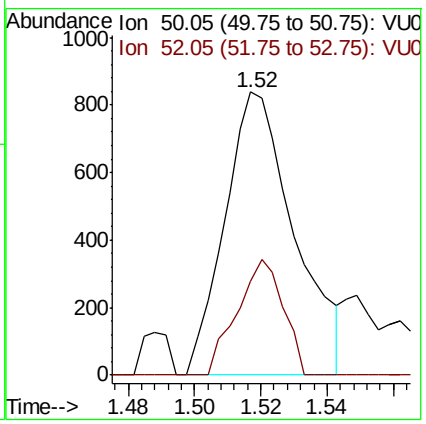


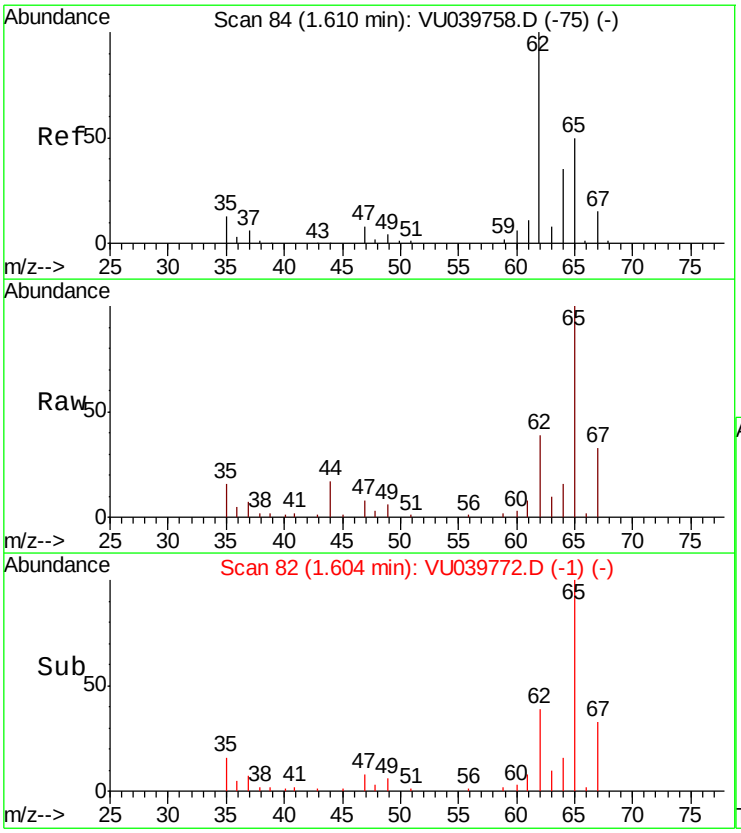
#3
Chloromethane
Concen: 0.172 ug/L
RT: 1.52 min Scan# 55
Delta R.T. -0.01 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 1222

Ion	Ratio	Lower	Upper
50	100		
52	33.2	21.6	40.0

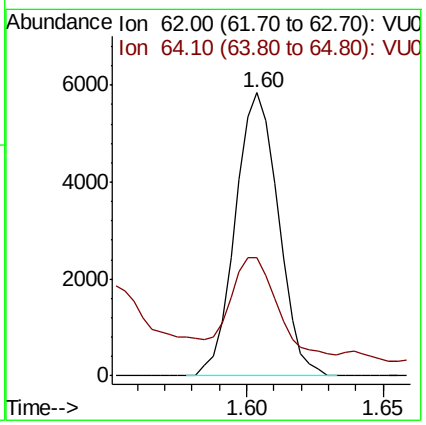


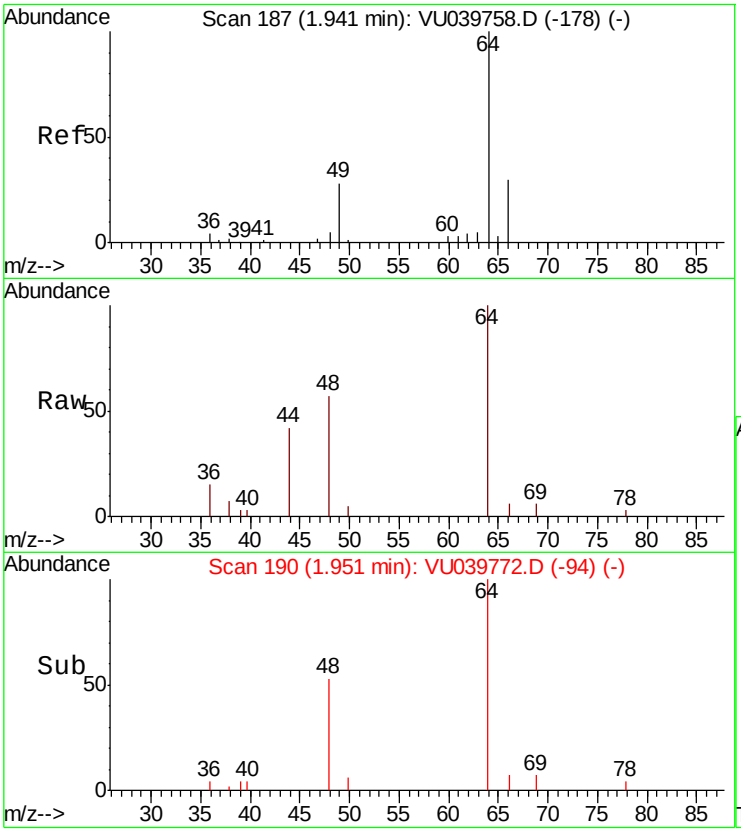


#5
Vinyl chloride
Concen: 0.935 ug/L
RT: 1.60 min Scan# 82
Delta R.T. -0.01 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Tgt Ion: 62 Resp: 6380

Ion	Ratio	Lower	Upper
62	100		
64	41.6	24.1	44.7



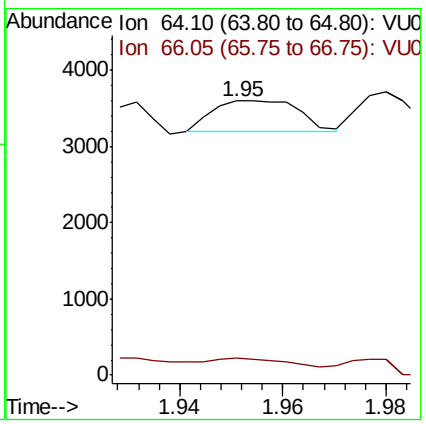


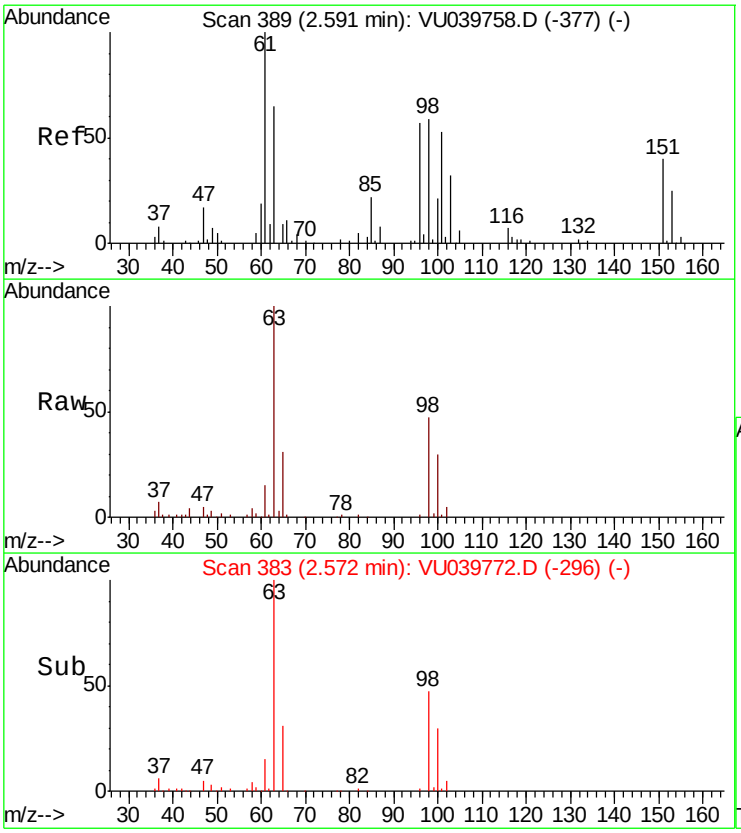
#8
Chloroethane
Concen: 0.095 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 476

Ion	Ratio	Lower	Upper
64	100		
66	6.3	22.3	41.3#

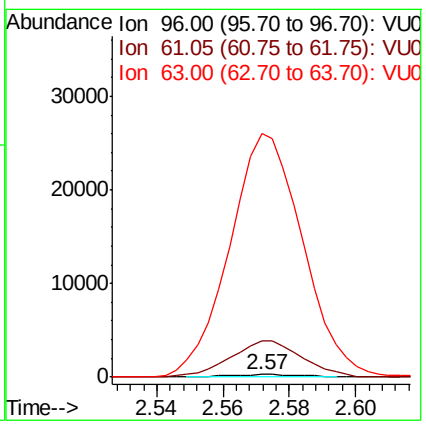


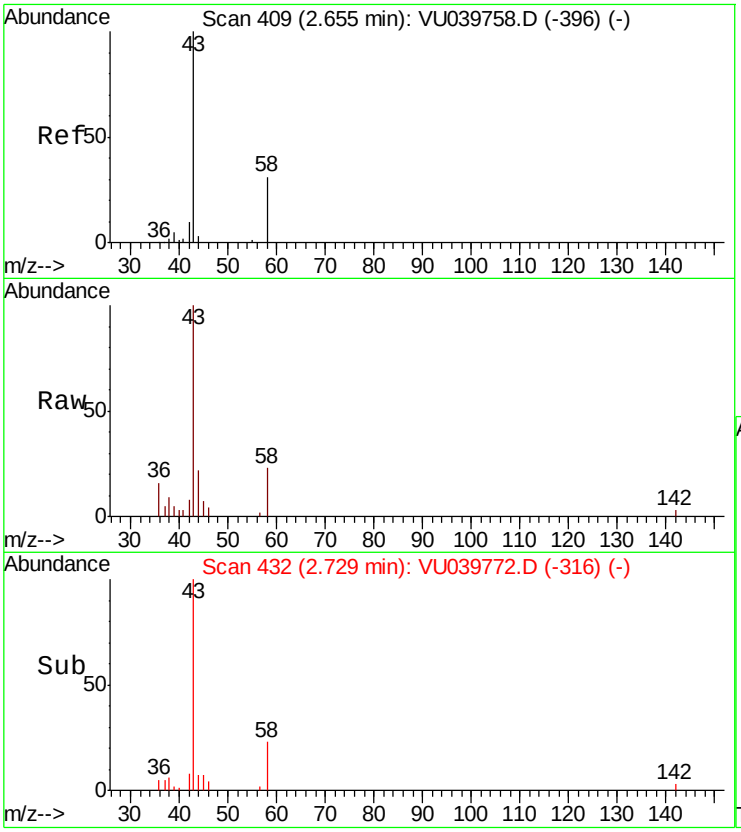


#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.57 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Tgt Ion: 96 Resp: 398

Ion	Ratio	Lower	Upper
96	100		
61	1343.4	121.7	225.9#
63	8968.3	82.1	152.5#



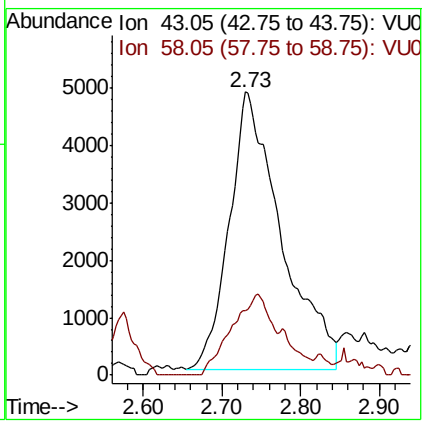


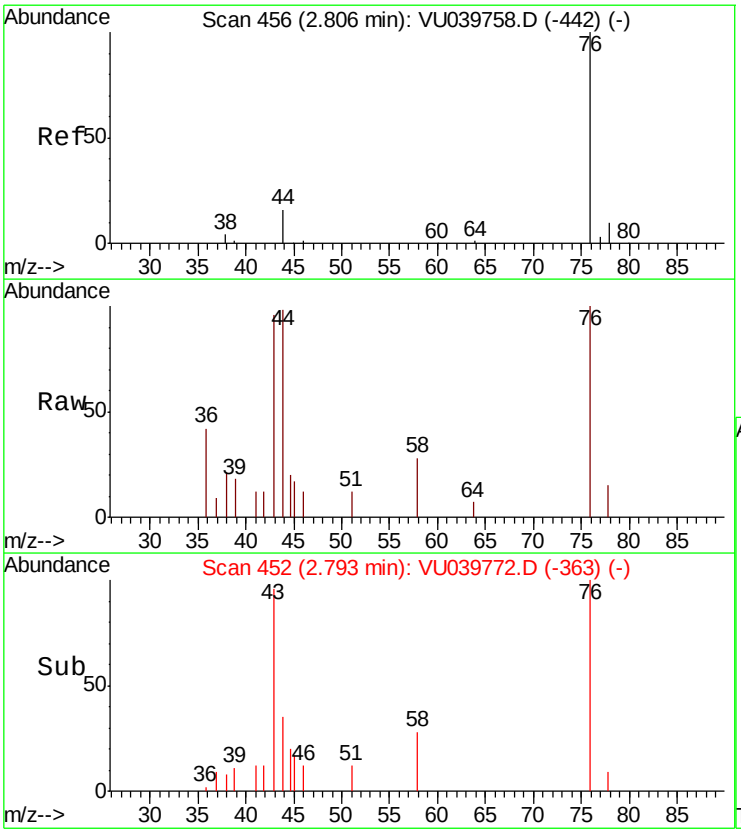
#13
Acetone
Concen: 18.968 ug/L
RT: 2.73 min Scan# 432
Delta R.T. 0.07 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 22284

Ion	Ratio	Lower	Upper
43	100		
58	22.1	0.0	61.8

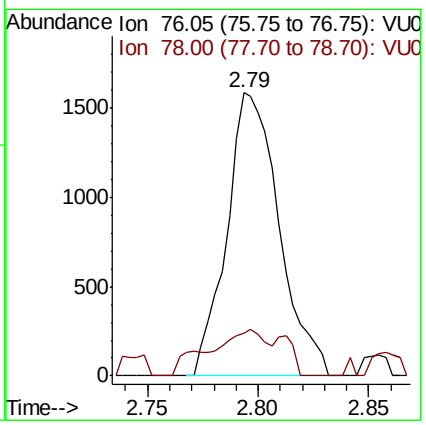


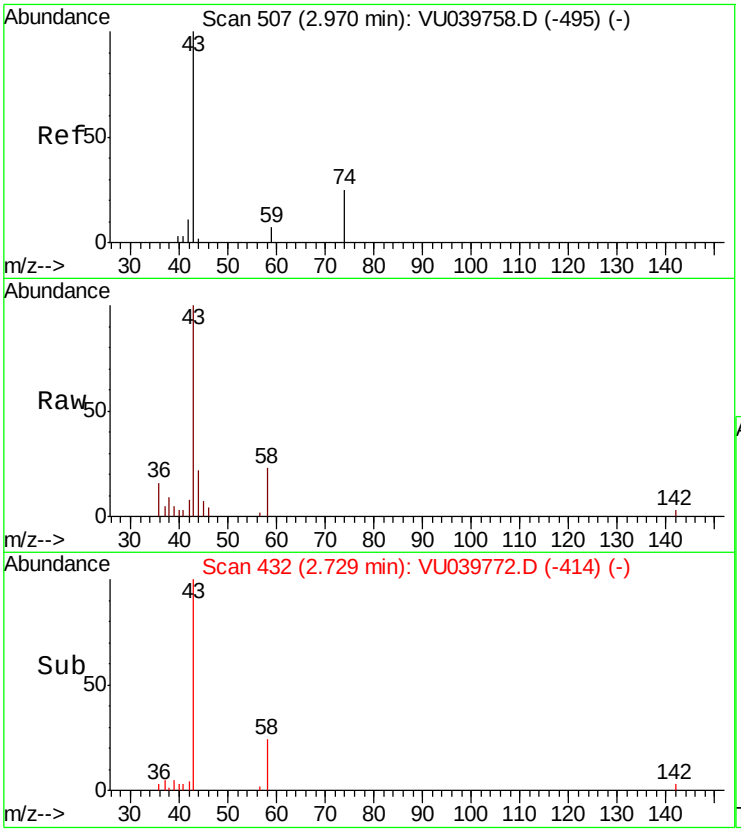


#14
Carbon disulfide
Concen: 0.167 ug/L
RT: 2.79 min Scan# 452
Delta R.T. -0.01 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Tgt Ion: 76 Resp: 2616

Ion	Ratio	Lower	Upper
76	100		
78	15.2	7.8	11.6#



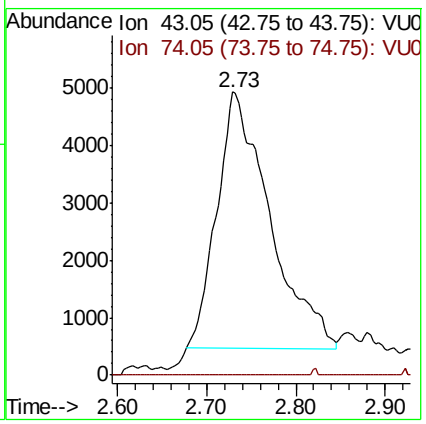


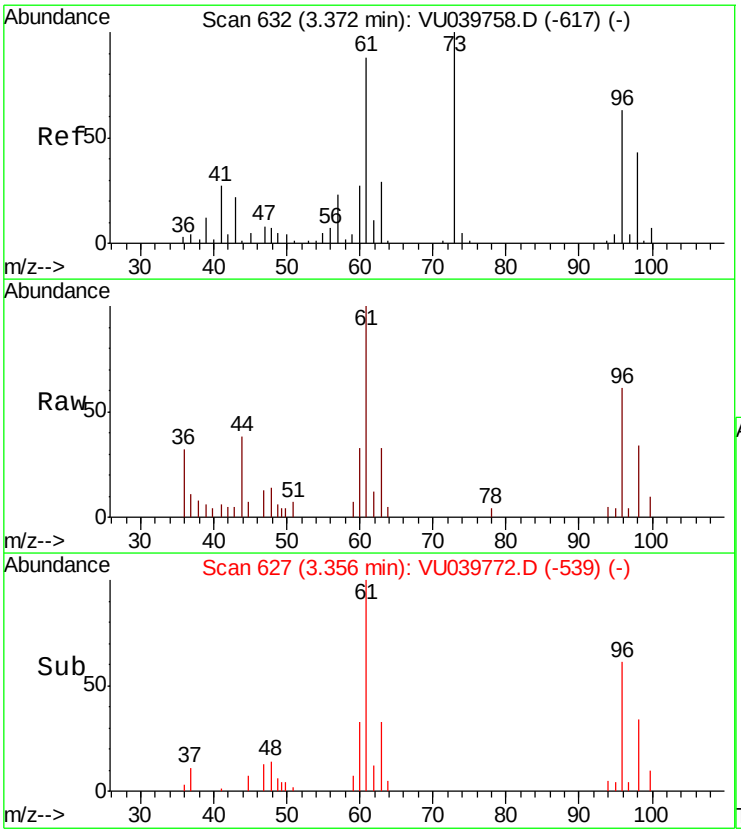
#15
Methyl Acetate
Concen: 6.366 ug/L
RT: 2.73 min Scan# 432
Delta R.T. -0.24 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 18446

Ion	Ratio	Lower	Upper
43	100		
74	0.2	16.6	25.0#

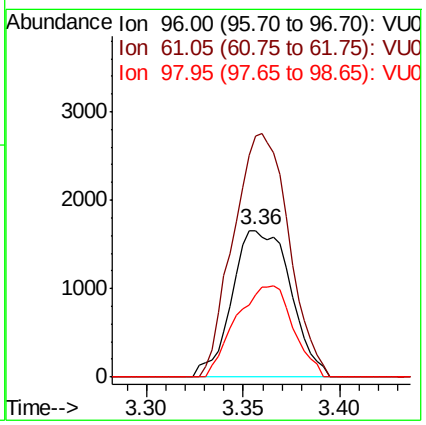


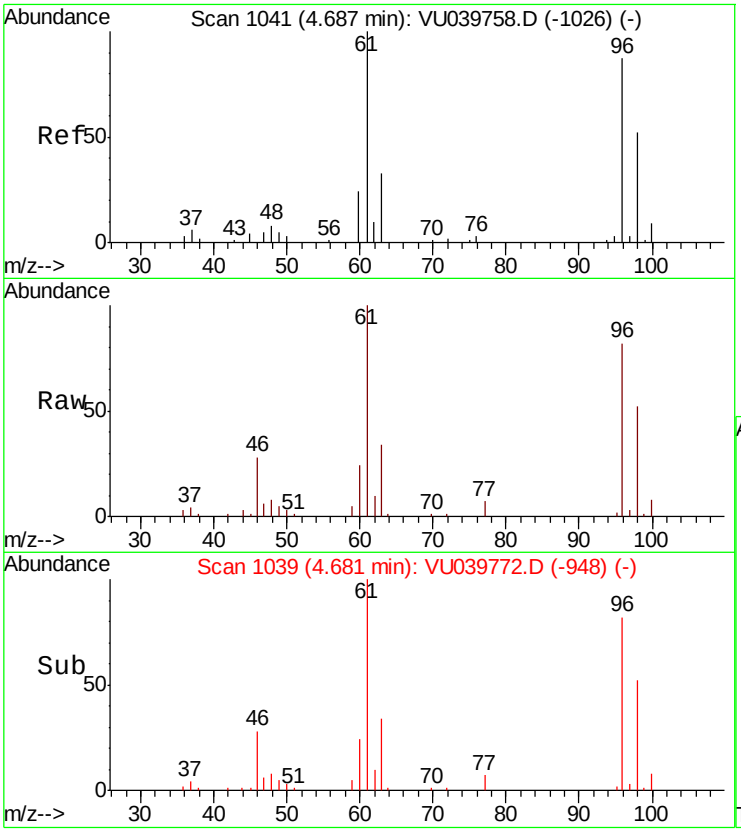


#18
trans-1,2-Dichloroethene
Concen: 0.626 ug/L
RT: 3.36 min Scan# 627
Delta R.T. -0.02 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Tgt Ion: 96 Resp: 3489

Ion	Ratio	Lower	Upper
96	100		
61	164.4	96.5	179.1
98	56.4	40.9	76.0



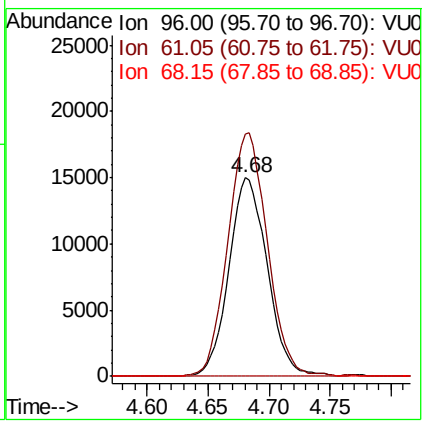


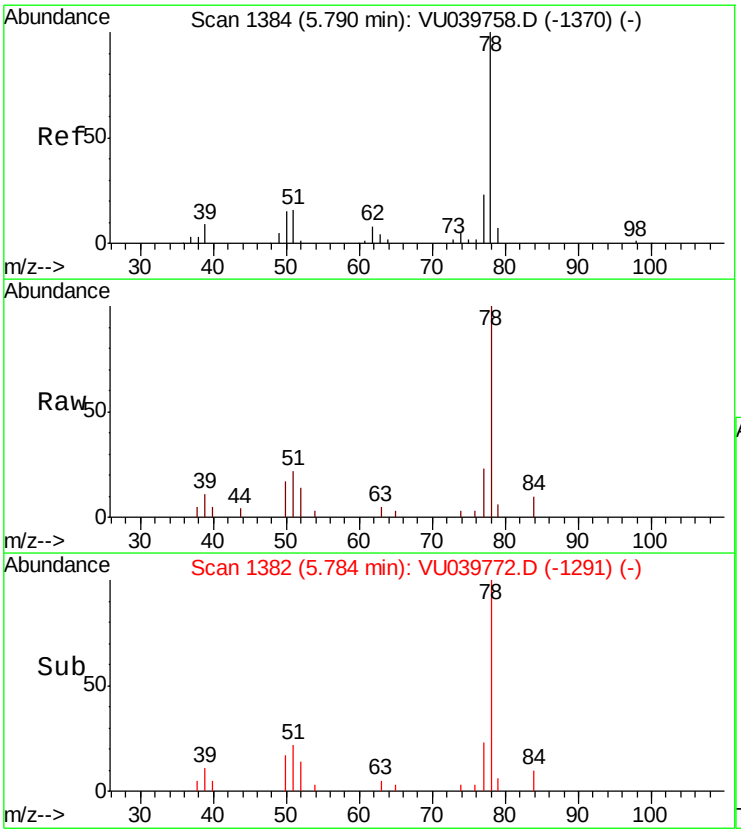
#22
cis-1,2-Dichloroethene
Concen: 5.402 ug/L
RT: 4.68 min Scan# 1039
Delta R.T. -0.01 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 32738

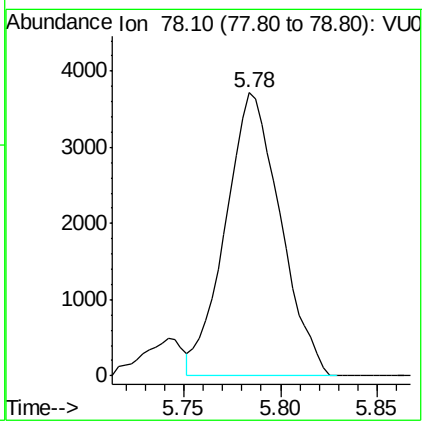
Ion	Ratio	Lower	Upper
96	100		
61	122.0	87.4	162.2
68	0.0	0.0	0.0

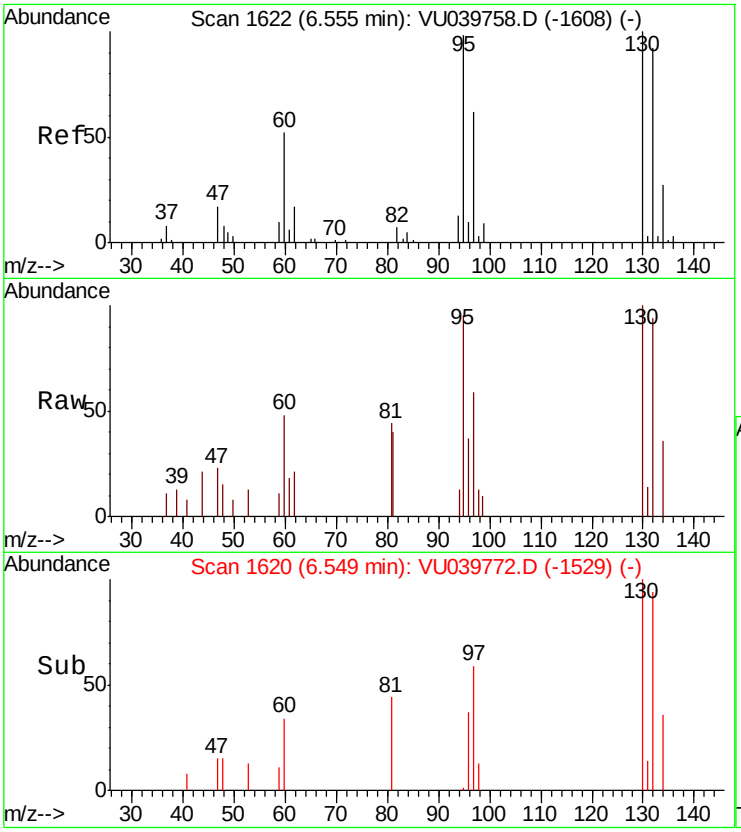




#33
Benzene
Concen: 0.332 ug/L
RT: 5.78 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Tgt Ion: 78 Resp: 7323



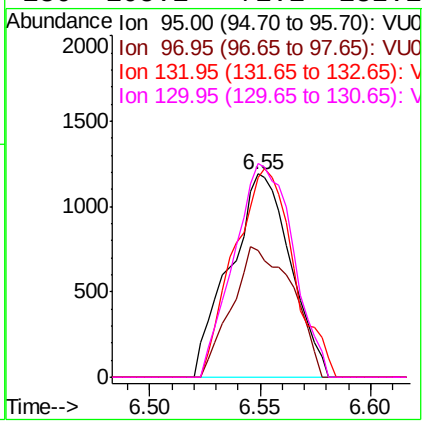


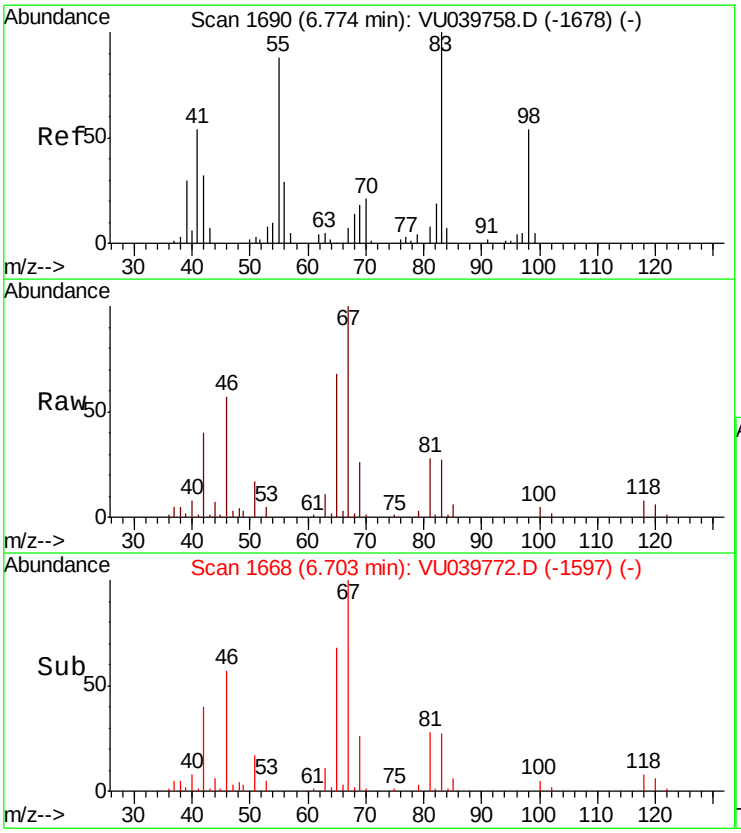
#34
Trichloroethene
Concen: 0.394 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 2258

Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.0	81.8
132	98.4	71.7	133.3
130	105.1	71.1	132.1

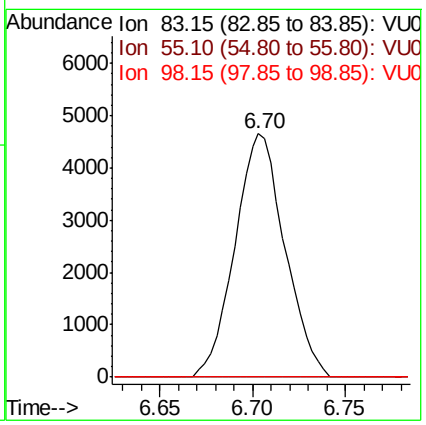


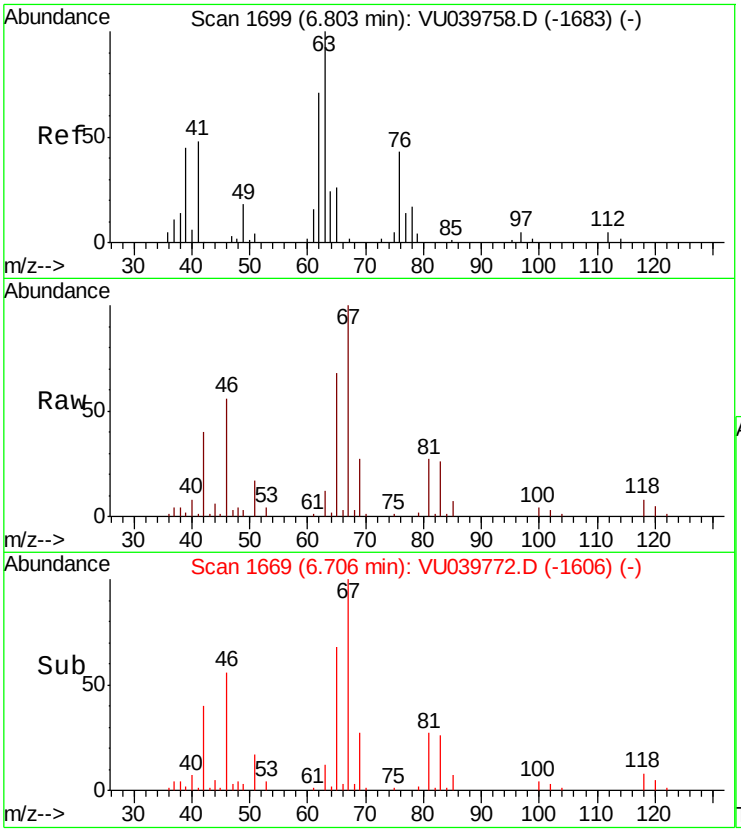


#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Tgt Ion: 83 Resp: 8669

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	3.5	39.0	58.4#



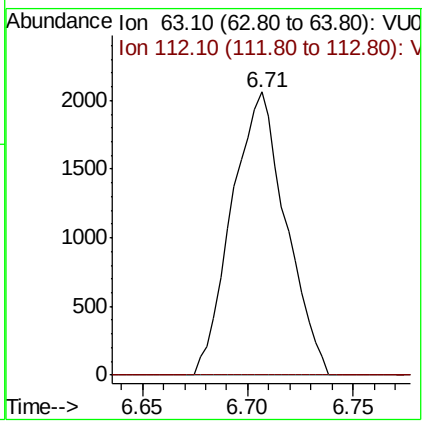


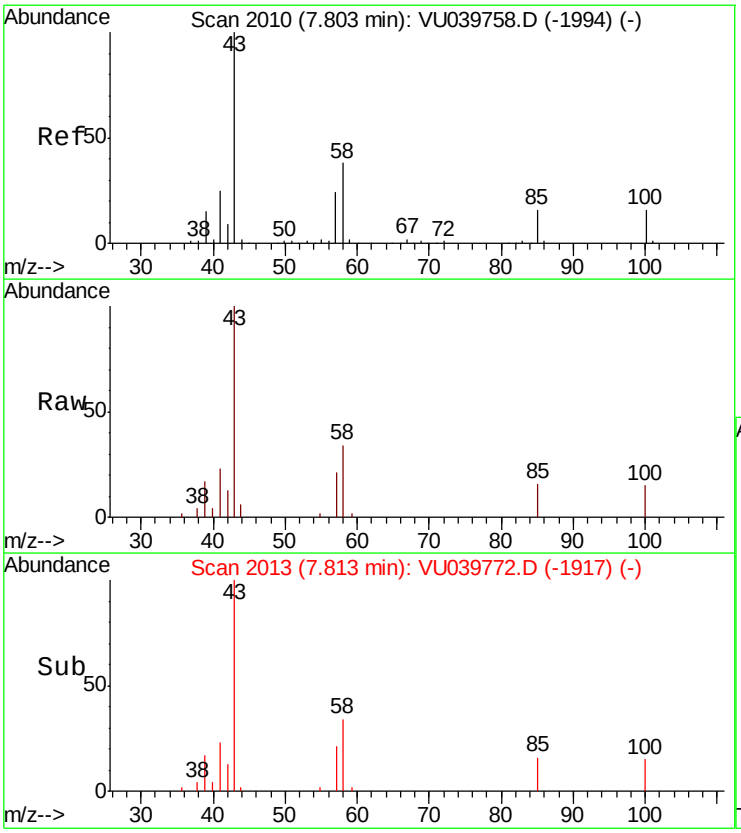
#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3681

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

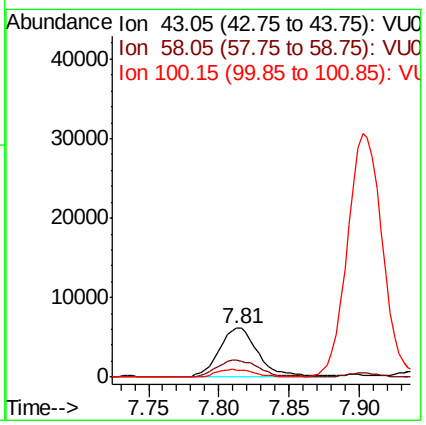


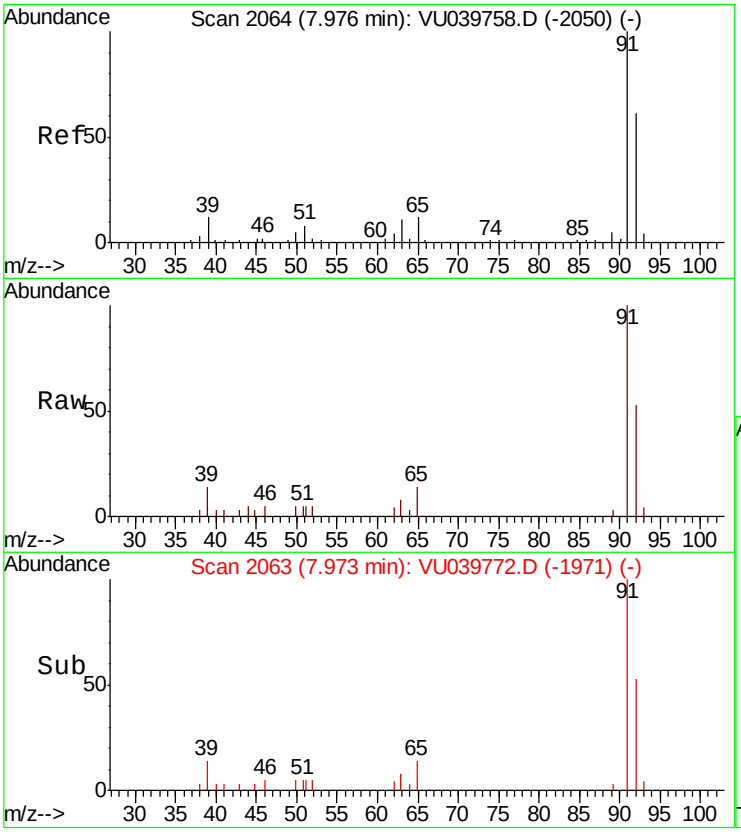


#40
4-Methyl-2-pentanone
Concen: 2.756 ug/L
RT: 7.81 min Scan# 2013
Delta R.T. 0.01 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Tgt Ion: 43 Resp: 12061

Ion	Ratio	Lower	Upper
43	100		
58	36.0	29.4	44.2
100	14.1	11.7	17.5



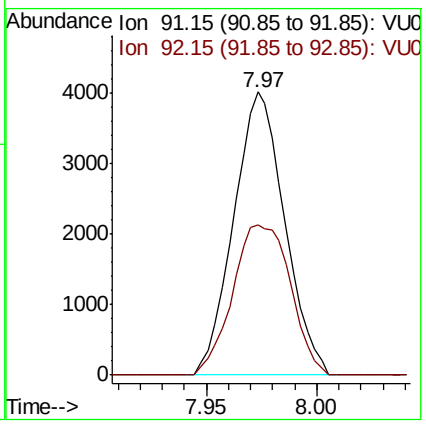


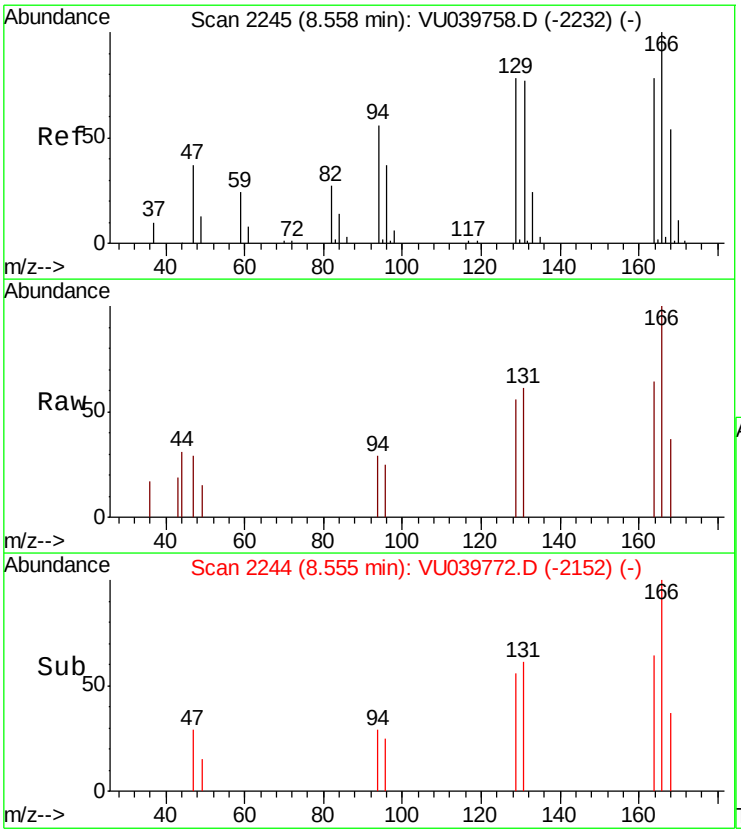
#42
Toluene
Concen: 0.277 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 6426

Ion	Ratio	Lower	Upper
91	100		
92	53.1	41.6	77.3

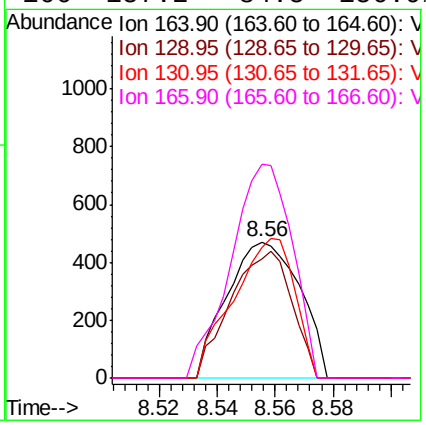


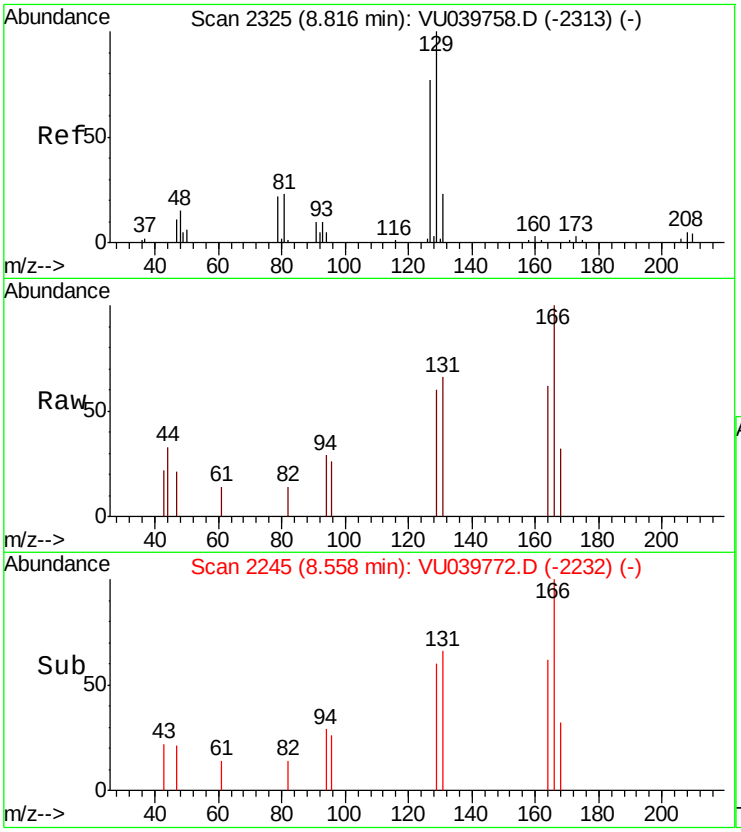


#47
Tetrachloroethene
Concen: 0.174 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Tgt Ion:164 Resp: 821

Ion	Ratio	Lower	Upper
164	100		
129	87.7	65.9	122.5
131	95.7	68.1	126.5
166	157.2	84.5	156.9#



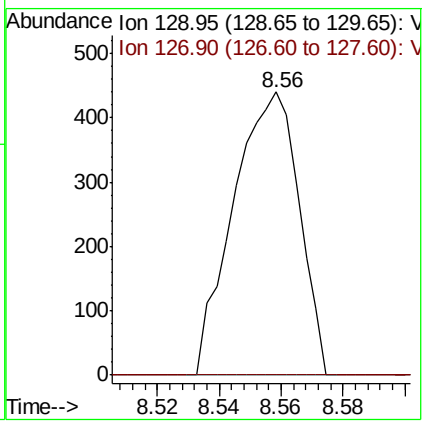


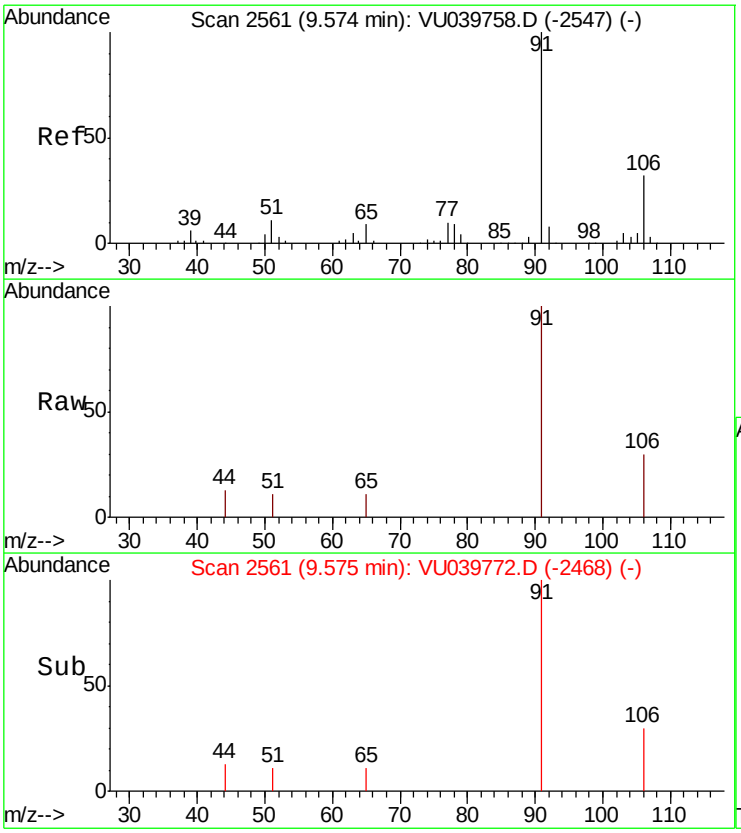
#49
Dibromochloromethane
Concen: 0.119 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 645

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.0	98.4#

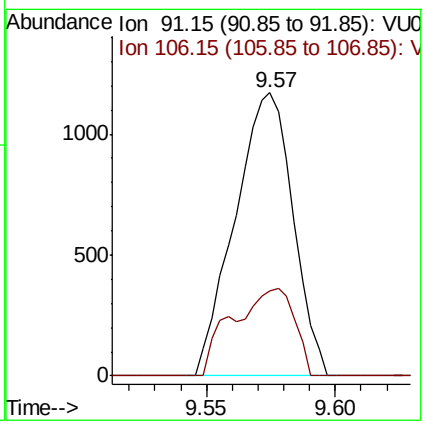


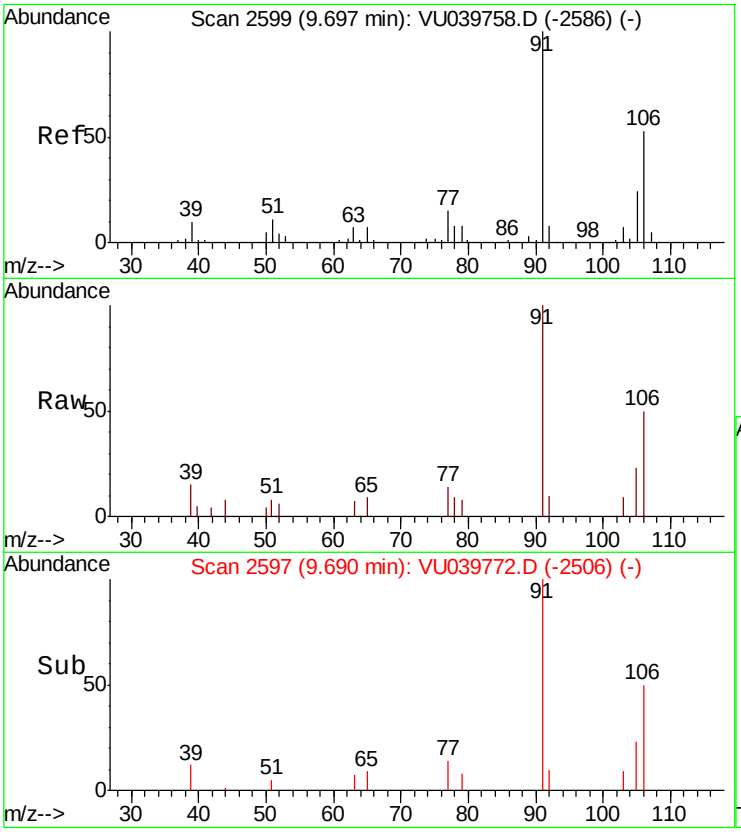


#52
Ethylbenzene
Concen: 0.071 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Tgt Ion: 91 Resp: 1837

Ion	Ratio	Lower	Upper
91	100		
106	29.8	22.8	42.4



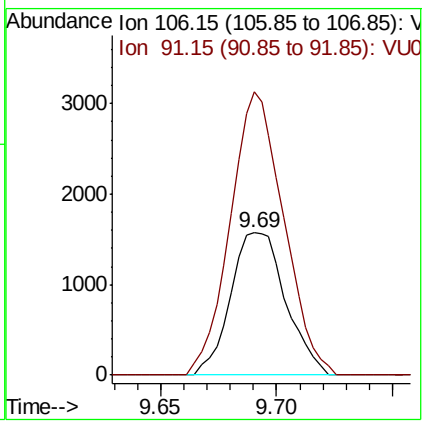


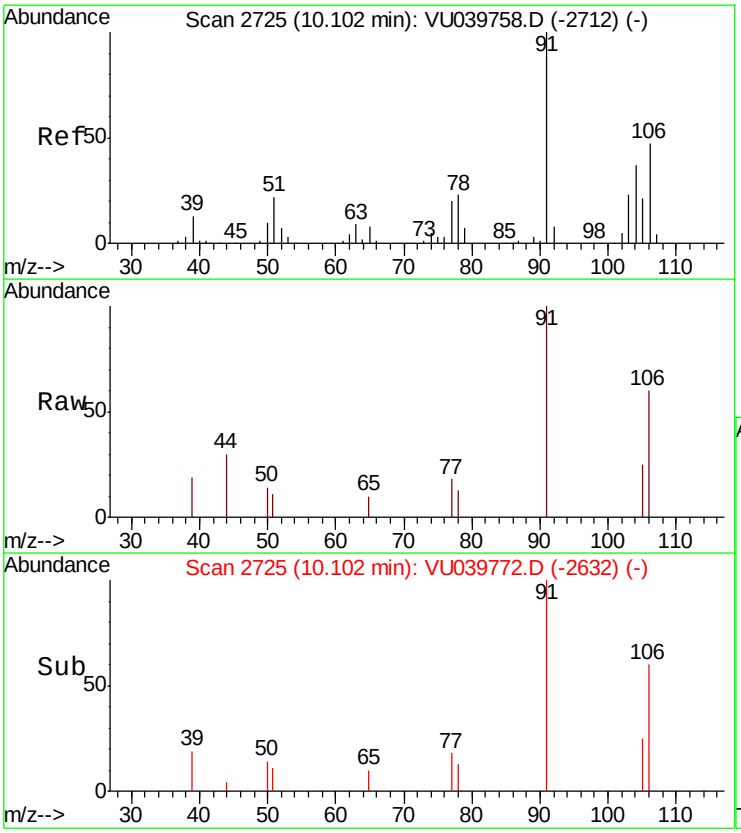
#53
m,p-Xylene
Concen: 0.263 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.01 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2593

Ion	Ratio	Lower	Upper
106	100		
91	198.9	135.5	251.7

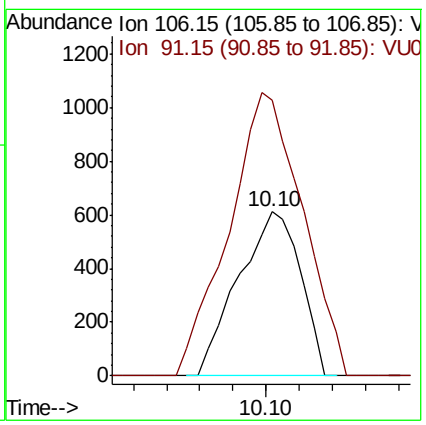


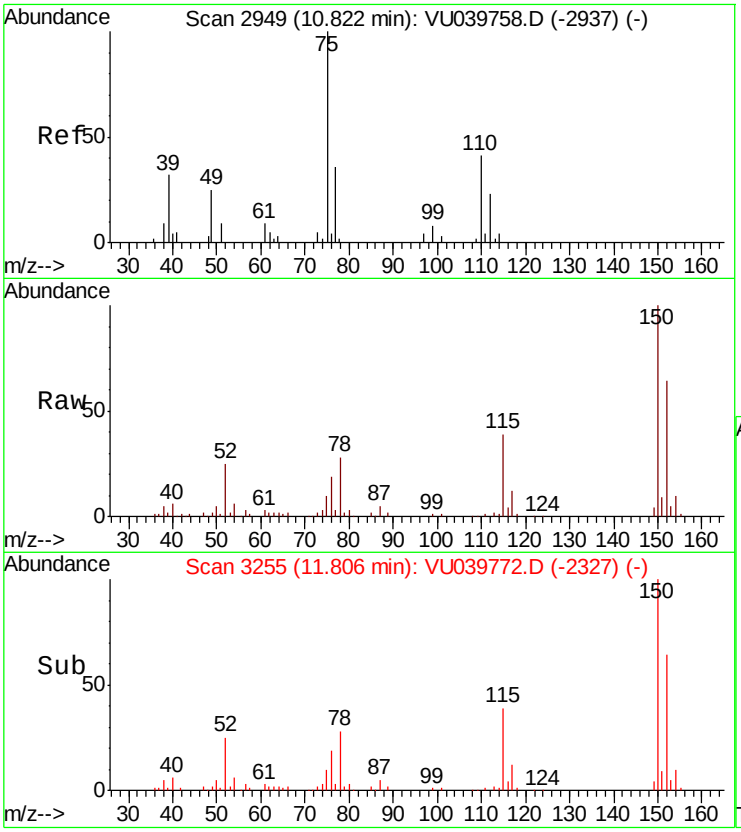


#54
o-Xylene
Concen: 0.083 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Tgt Ion:106 Resp: 798

Ion	Ratio	Lower	Upper
106	100		
91	167.9	140.8	261.6





#59
1,2,3-Trichloropropane
Concen: 1.226 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 5180

Ion	Ratio	Lower	Upper
75	100		
77	40.1	24.6	37.0#