Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071720\
Data File : VU039547.D
Acq On : 17 Jul 2020 13:21
Operator : SY/MD
Sample : L3292-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT84

Quant Time: Jul 17 23:41:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	87656	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81246	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38425	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	21168	4.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.40%			
7) Chloroethane-d5	1.93	69	22965	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%			
11) 1,1-Dichloroethene-d2	2.58	63	39290	3.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.60%			
20) 2-Butanone-d5	4.66	46	105675	45.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.92%			
24) Chloroform-d	5.09	84	54518	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.72	65	34057	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.75	84	101200	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.71	67	34732	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.91	98	89605	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.60%			
43) trans-1,3-Dichloropropene-	8.19	79	14158	4.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.40%			
46) 2-Hexanone-d5	8.64	63	76216	42.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.68%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30870	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	34994	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	1683	0.317	ug/L	92
3) Chloromethane	1.53	50	669	0.104	ug/L	89
9) Trichlorofluoromethane	2.15	101	4254	0.343	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1087	0.213	ug/L #	83
12) 1,1-Dichloroethene	2.59	96	8906	1.708	ug/L #	42
13) Acetone	2.66	43	1211	0.965	ug/L	63
16) Methylene chloride	3.06	84	768	0.117	ug/L	98
19) 1,1-Dichloroethane	3.89	63	26330	2.332	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	5792	0.895	ug/L	87
25) Chloroform	5.11	83	8561	0.751	ug/L	97
29) 1,1,1-Trichloroethane	5.34	97	3079	0.322	ug/L #	89
34) Trichloroethene	6.56	95	41972	6.684	ug/L	99
35) Methylcyclohexane	6.71	83	7222	0.718	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4190	0.633	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1247	0.125	ug/L #	78
47) Tetrachloroethene	8.56	164	70943	16.241	ug/L	96
49) Dibromochloromethane	8.56	129	72455	12.577	ug/L #	10

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071720\
Data File : VU039547.D
Acq On : 17 Jul 2020 13:21
Operator : SY/MD
Sample : L3292-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT84

Quant Time: Jul 17 23:41:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.69	91	9714	0.338	ug/L	85
53) m,p-Xylene	9.70	106	4701	0.434	ug/L	92
54) o-Xylene	10.11	106	2747	0.261	ug/L	81
59) 1,2,3-Trichloropropane	11.81	75	6123	1.255	ug/L	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071720\
Data File : VU039547.D
Acq On : 17 Jul 2020 13:21
Operator : SY/MD
Sample : L3292-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT84

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Quant Title : TRACE VOA SOM01.0
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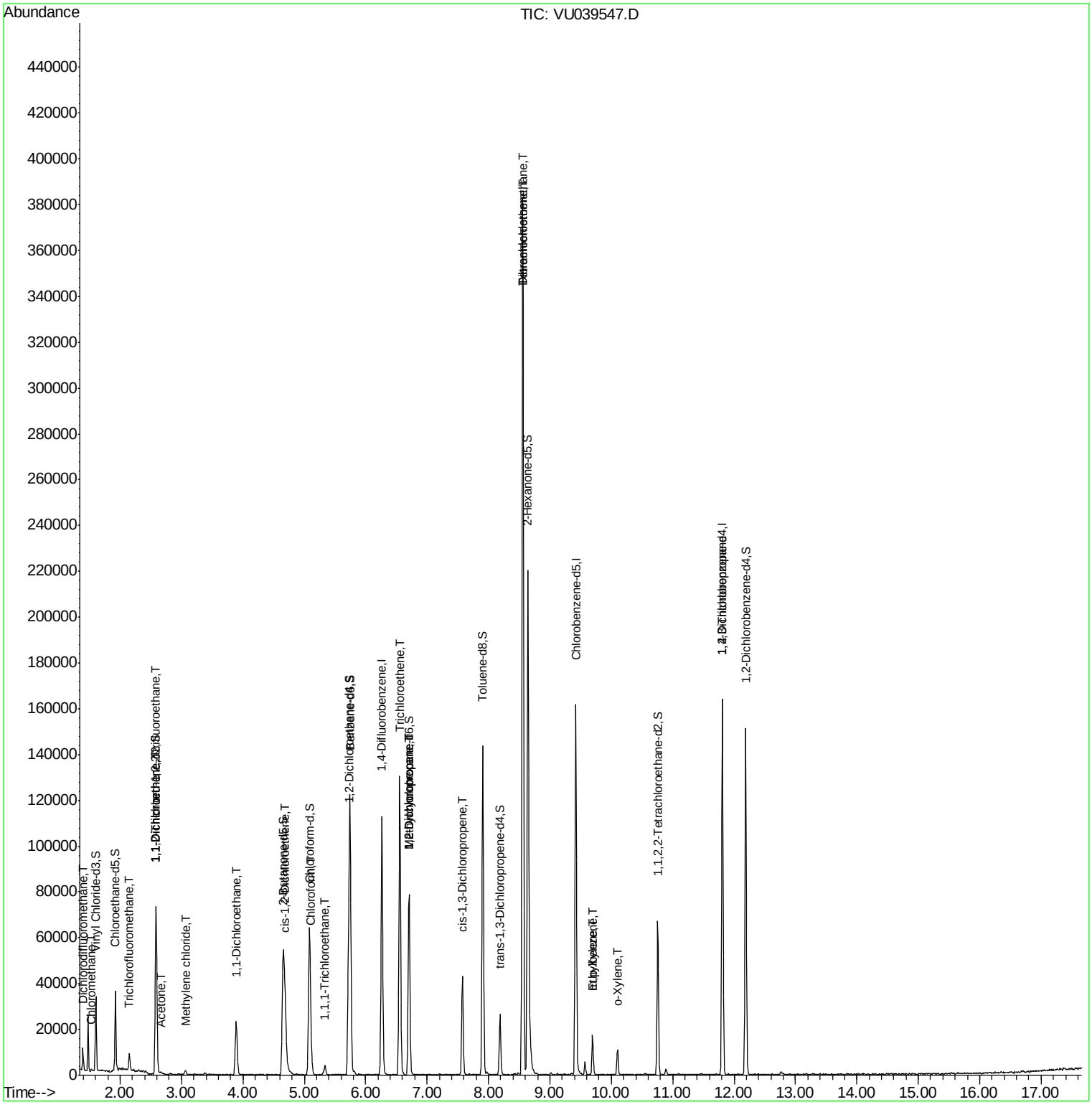
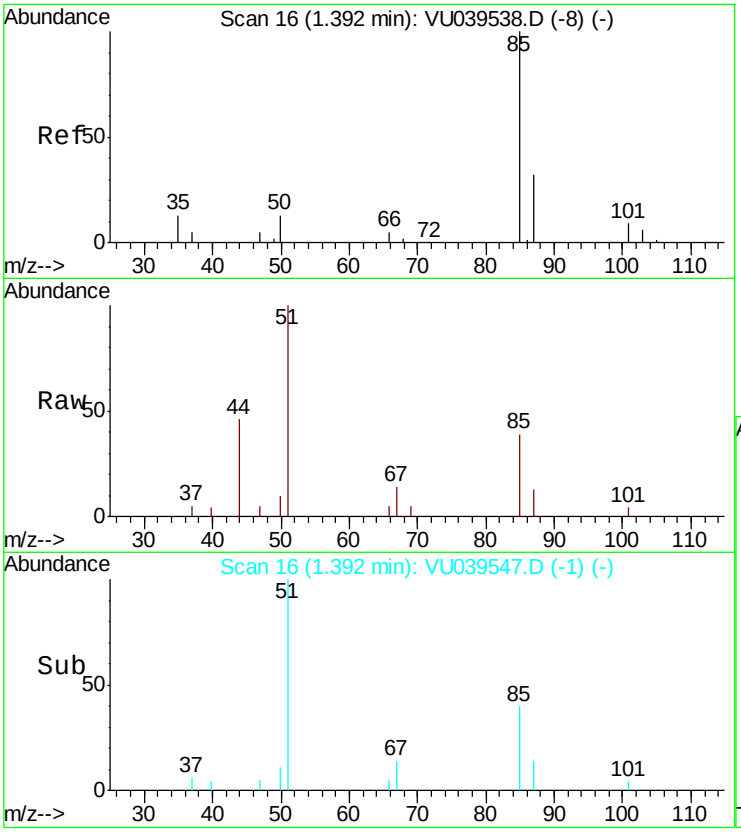
Response via : Initial Calibration



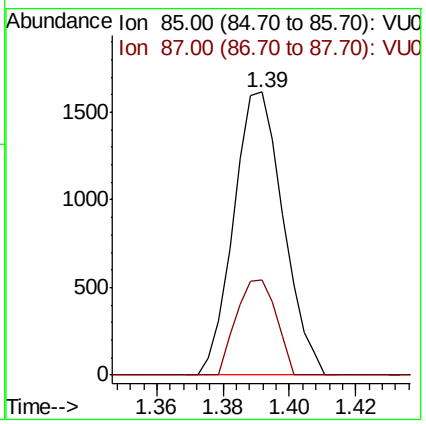


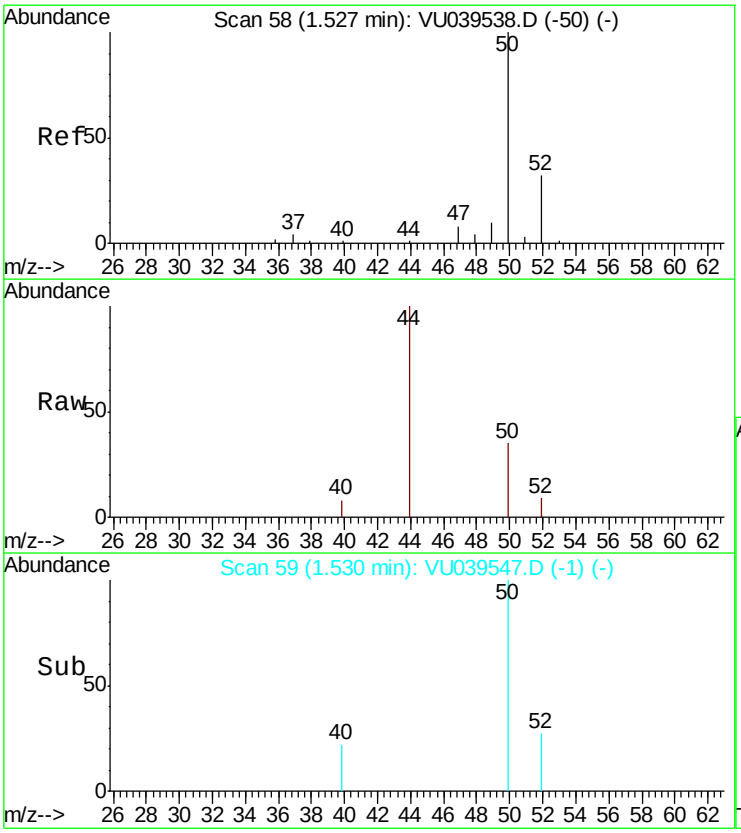
#2
Dichlorodifluoromethane
Concen: 0.317 ug/L
RT: 1.39 min Scan# 16
Delta R.T. -0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
BFT84

Tgt Ion: 85 Resp: 1683

Ion	Ratio	Lower	Upper
85	100		
87	27.0	25.2	37.8

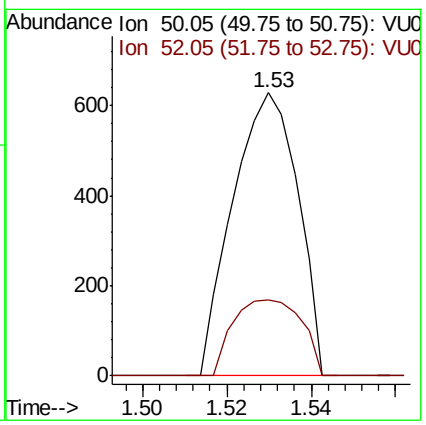


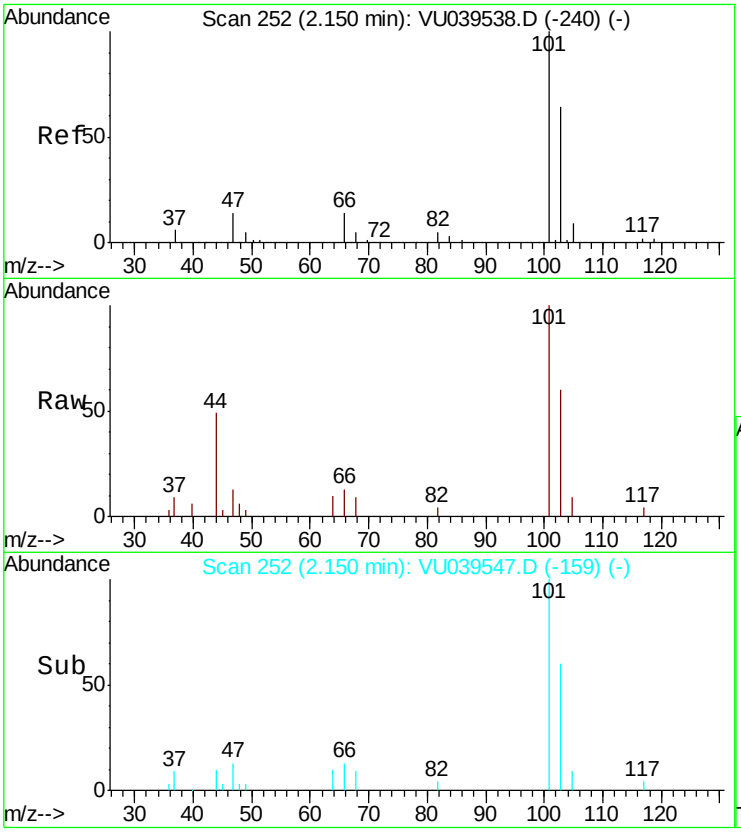


#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.53 min Scan# 59
Delta R.T. 0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Tgt Ion: 50 Resp: 669

Ion	Ratio	Lower	Upper
50	100		
52	26.9	23.0	42.8



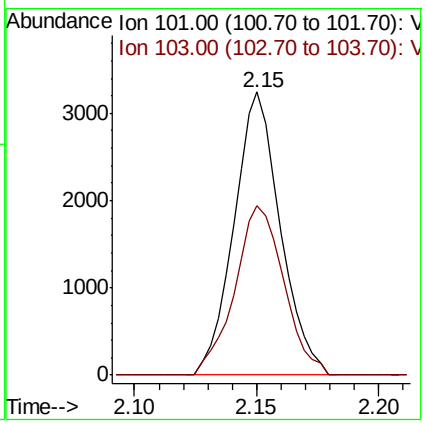


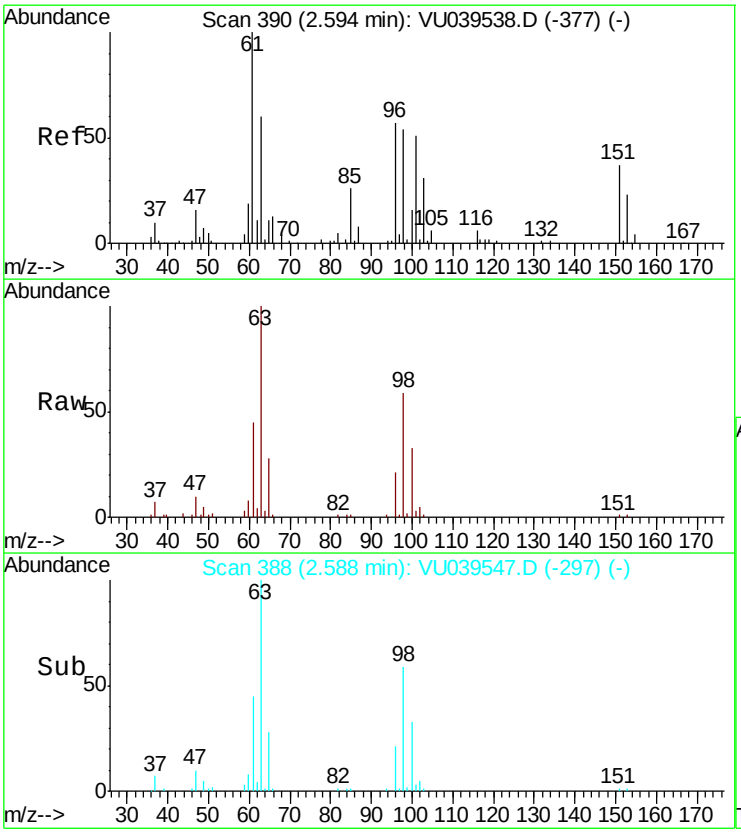
#9
Trichlorofluoromethane
Concen: 0.343 ug/L
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
BFT84

Tgt Ion:101 Resp: 4254

Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.6	76.0

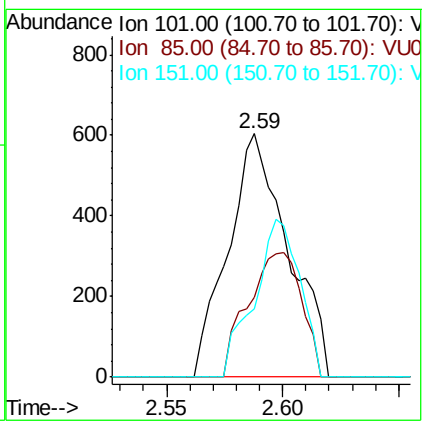


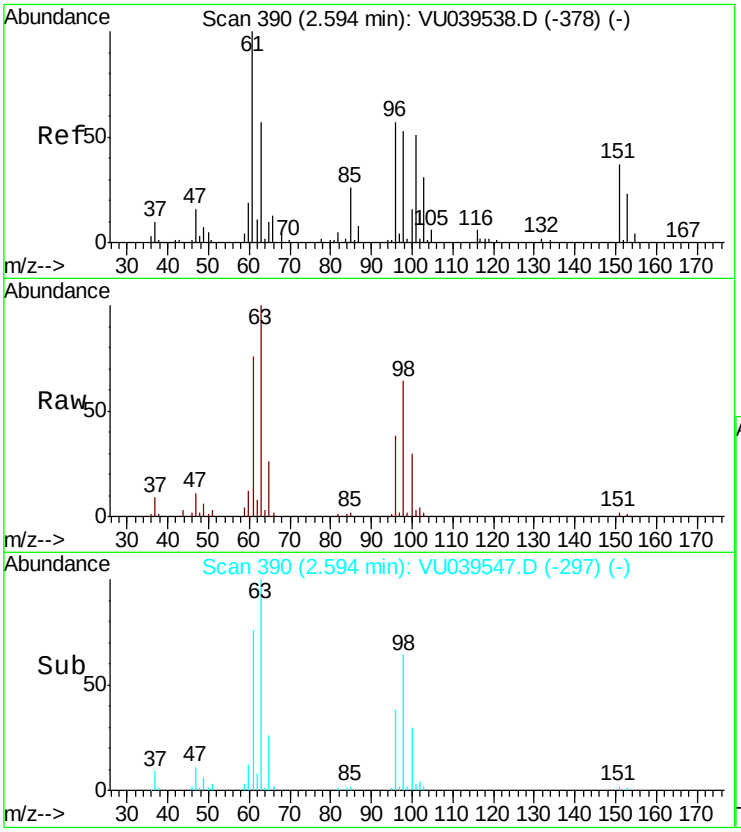


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.213 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Tgt Ion:101 Resp: 1087

Ion	Ratio	Lower	Upper
101	100		
85	45.6	38.9	58.3
151	49.3	57.0	85.4#



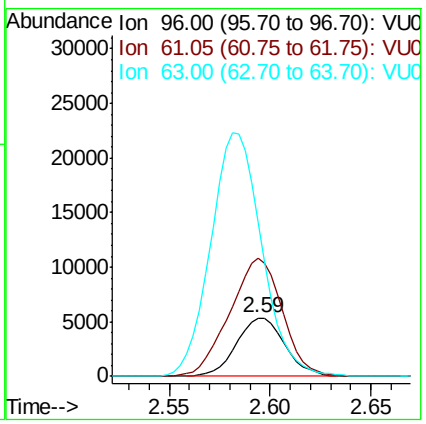


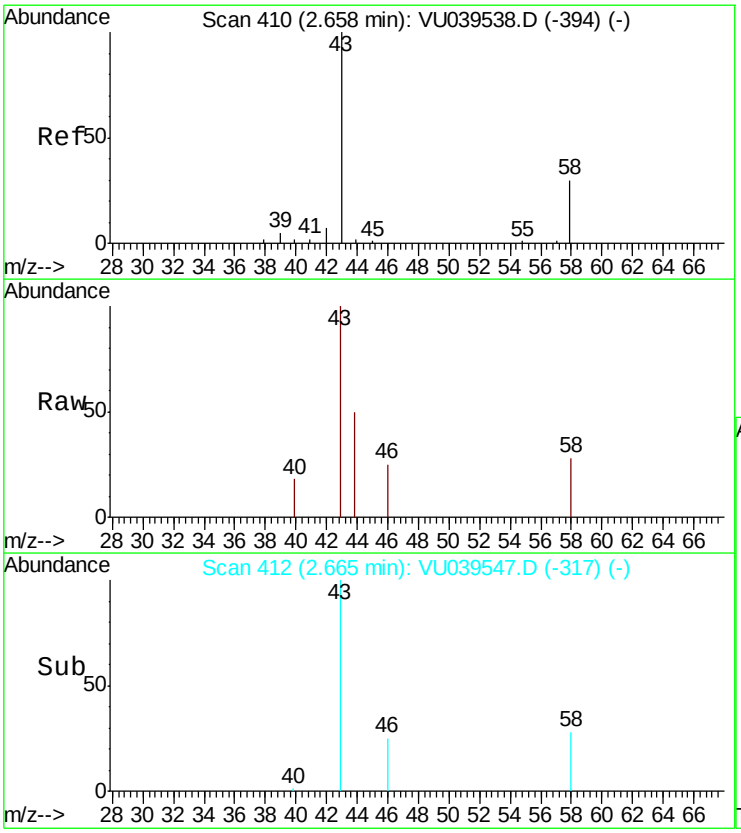
#12
1,1-Dichloroethene
Concen: 1.708 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument : MSVOA_U
ClientSampleId : BFT84

Tgt Ion: 96 Resp: 8906

Ion	Ratio	Lower	Upper
96	100		
61	203.2	125.4	232.8
63	266.3	92.7	172.3#

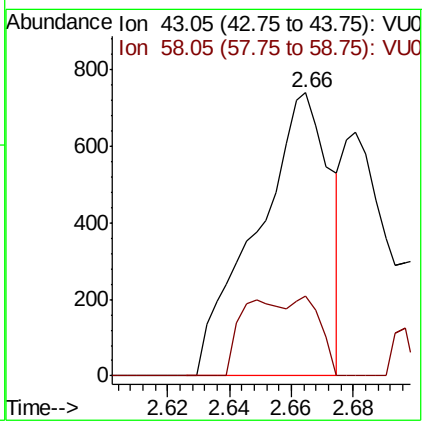


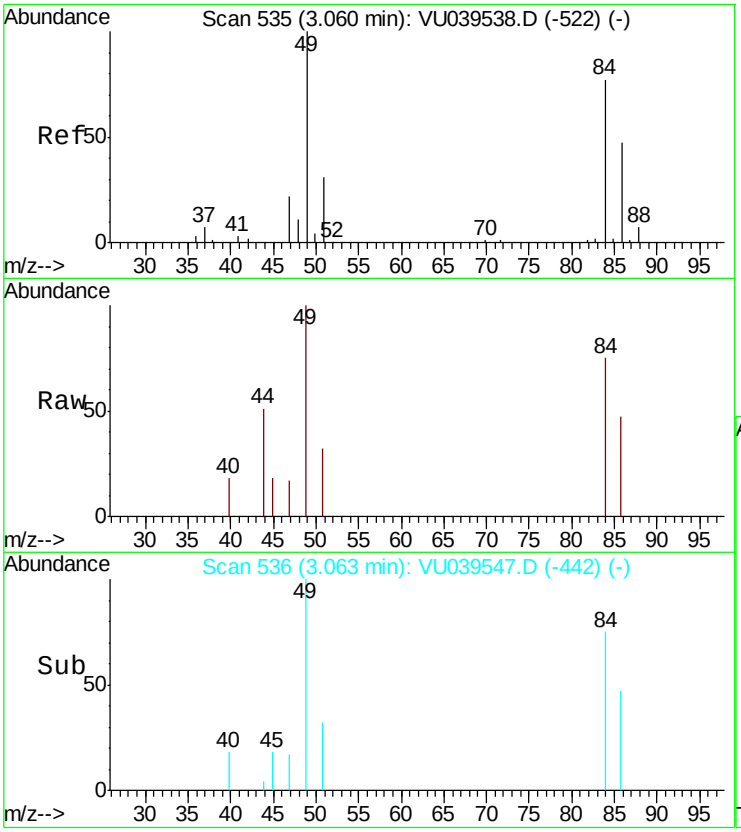


#13
Acetone
Concen: 0.965 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Tgt Ion: 43 Resp: 1211

Ion	Ratio	Lower	Upper
43	100		
58	10.8	0.0	62.8



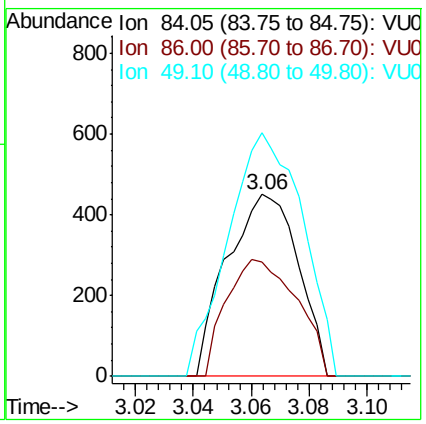


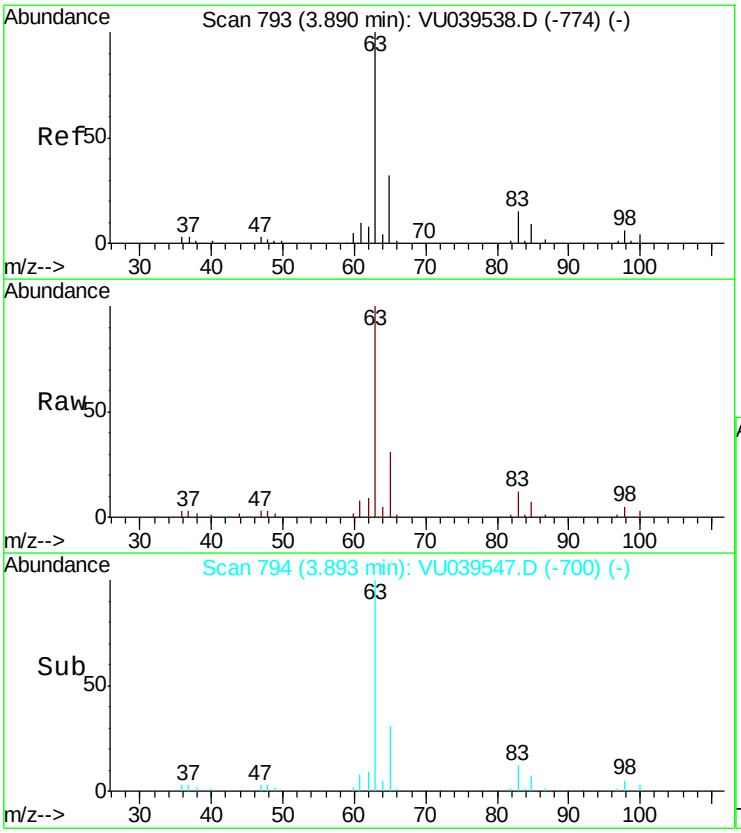
#16
Methylene chloride
Concen: 0.117 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
BFT84

Tgt Ion: 84 Resp: 768

Ion	Ratio	Lower	Upper
84	100		
86	62.7	43.5	80.9
49	134.0	91.1	169.1

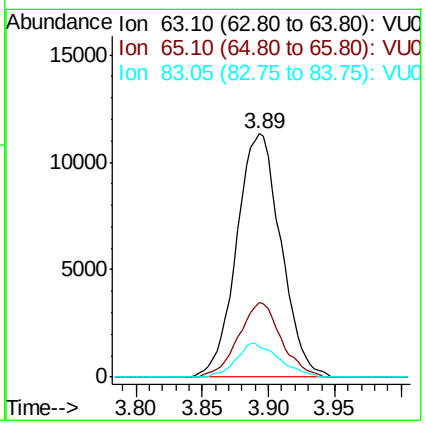


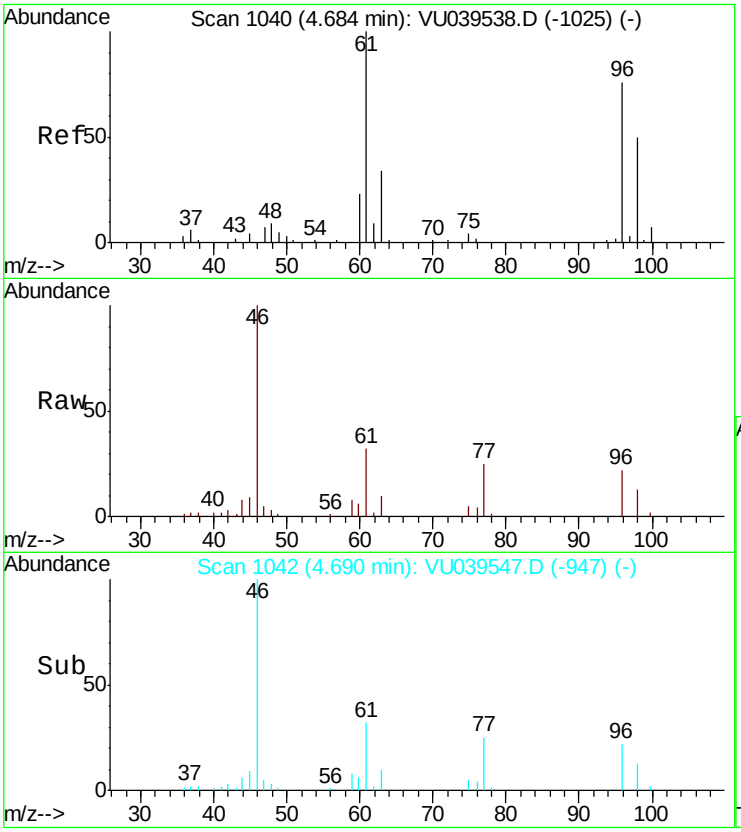


#19
1,1-Dichloroethane
Concen: 2.332 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Tgt Ion: 63 Resp: 26330

Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.0	42.6
83	12.3	9.6	17.8



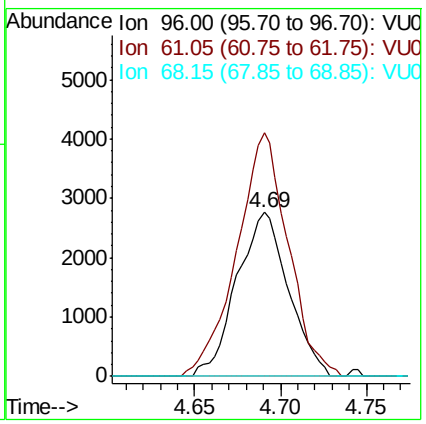


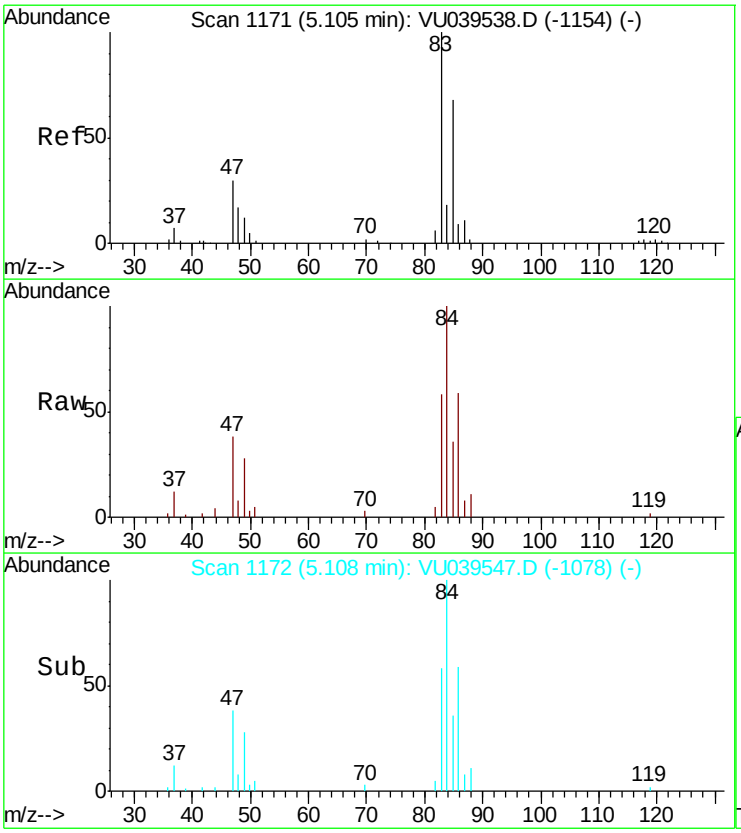
#22
cis-1,2-Dichloroethene
Concen: 0.895 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
BFT84

Tgt Ion: 96 Resp: 5792

Ion	Ratio	Lower	Upper
96	100		
61	148.3	92.8	172.4
68	0.0	0.0	0.0

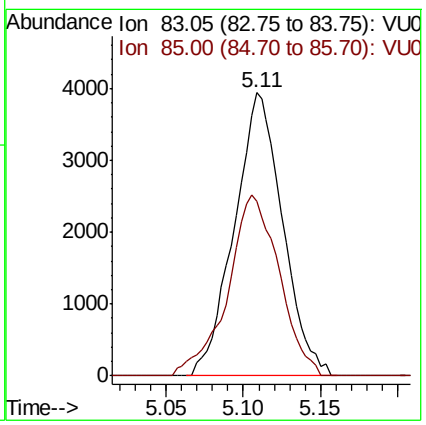


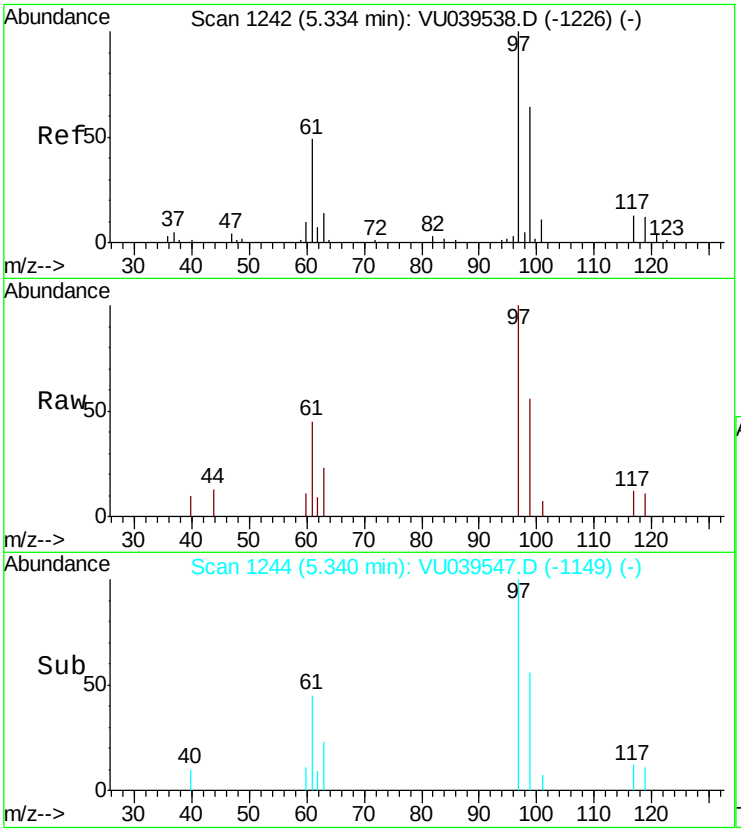


#25
Chloroform
Concen: 0.751 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Tgt Ion: 83 Resp: 8561

Ion	Ratio	Lower	Upper
83	100		
85	61.6	44.9	83.5



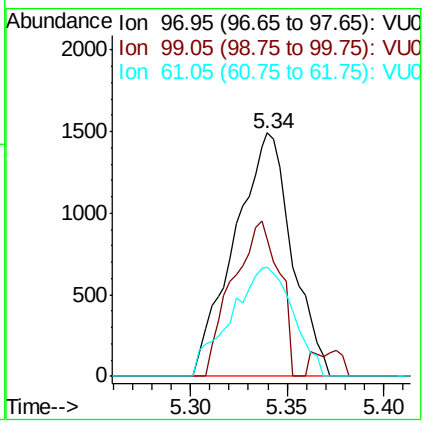


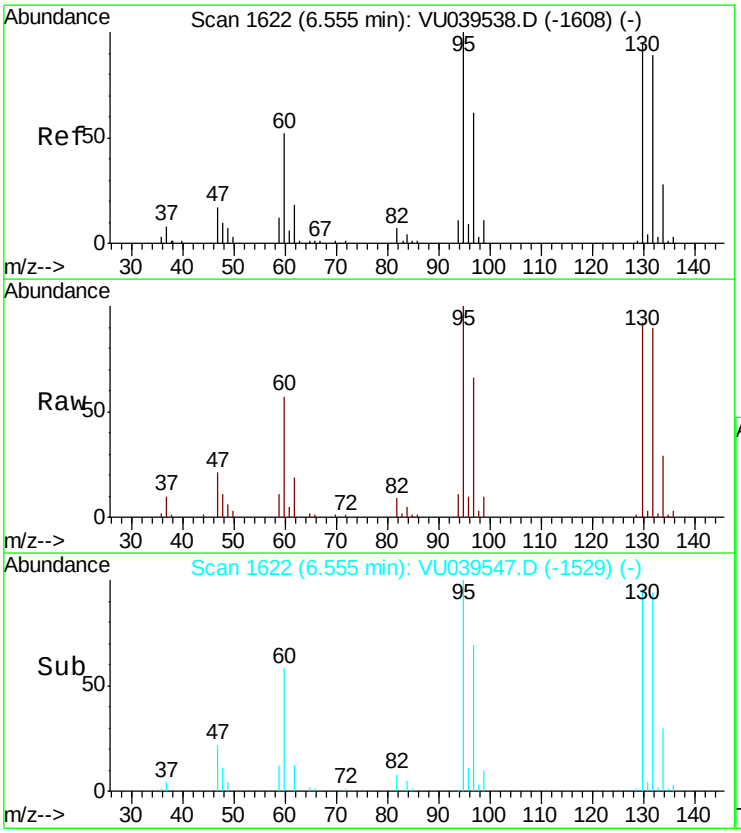
#29
1,1,1-Trichloroethane
Concen: 0.322 ug/L
RT: 5.34 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
BFT84

Tgt Ion: 97 Resp: 3079

Ion	Ratio	Lower	Upper
97	100		
99	51.8	52.6	79.0#
61	48.5	37.9	56.9

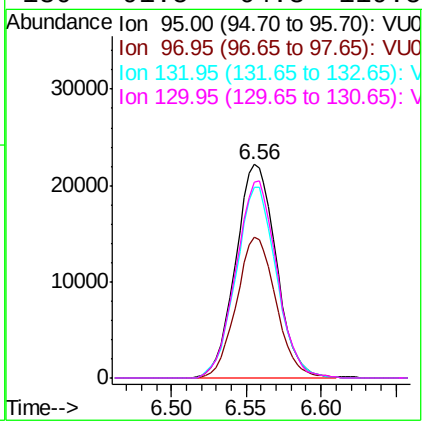


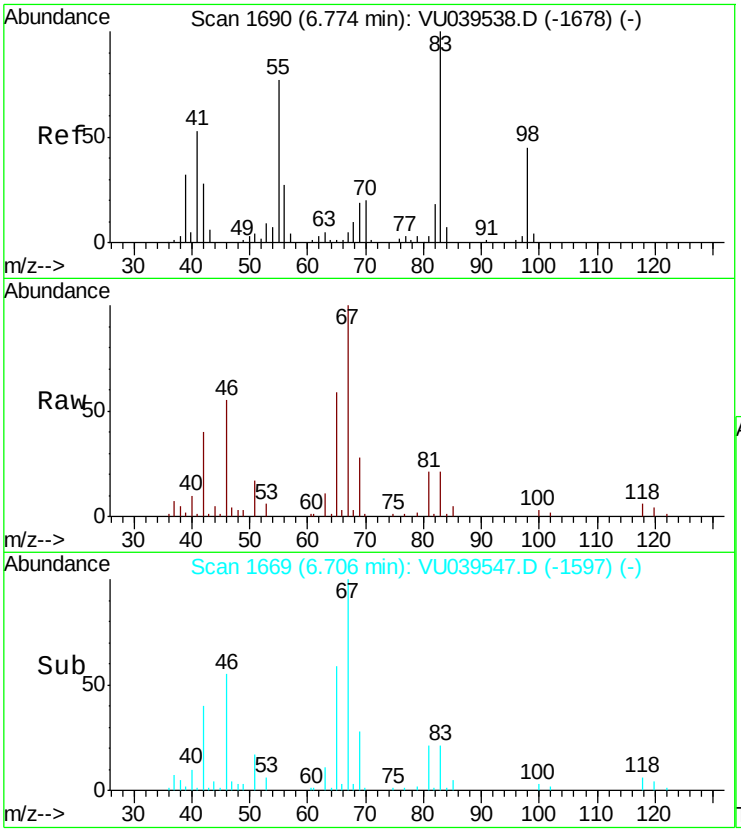


#34
Trichloroethene
Concen: 6.684 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. -0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Tgt Ion: 95 Resp: 41972

Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.3	85.9
132	89.6	64.0	118.8
130	91.5	64.3	119.5



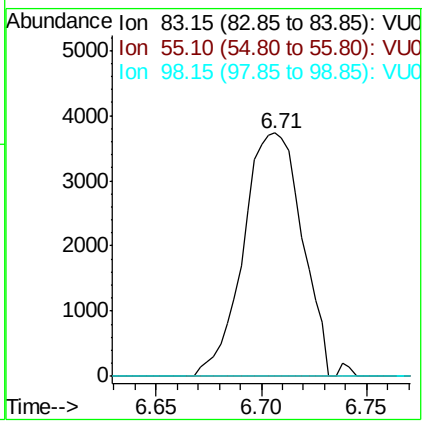


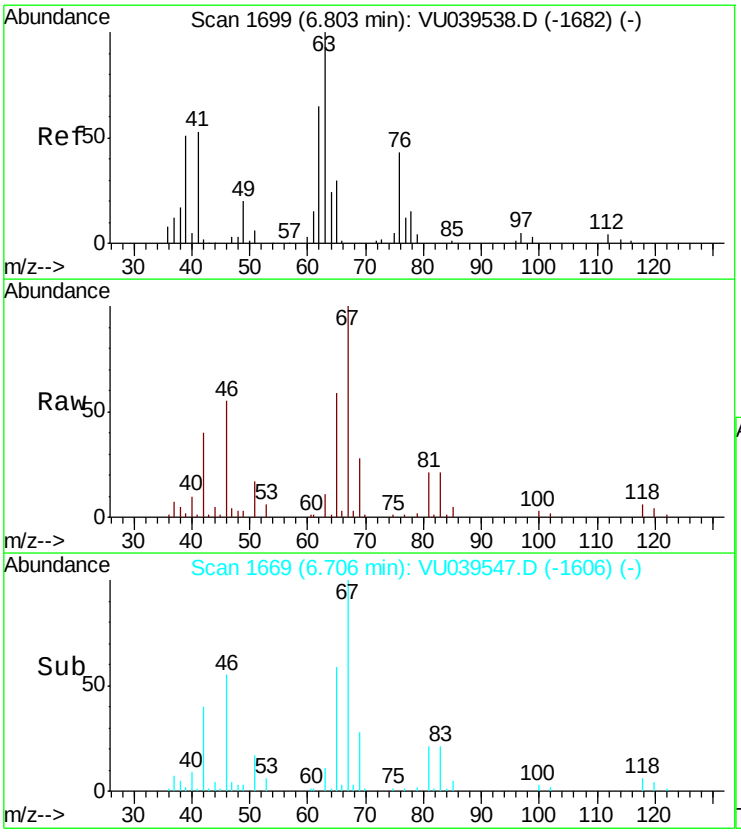
#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument : MSVOA_U
ClientSampleId : BFT84

Tgt Ion: 83 Resp: 7222

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

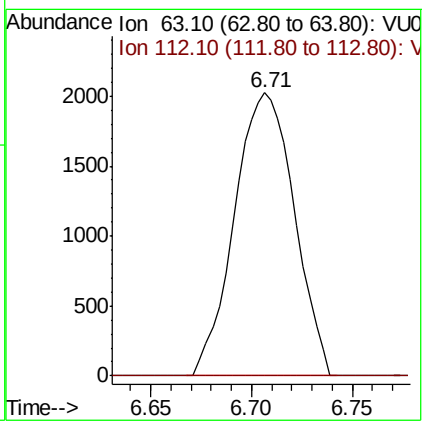


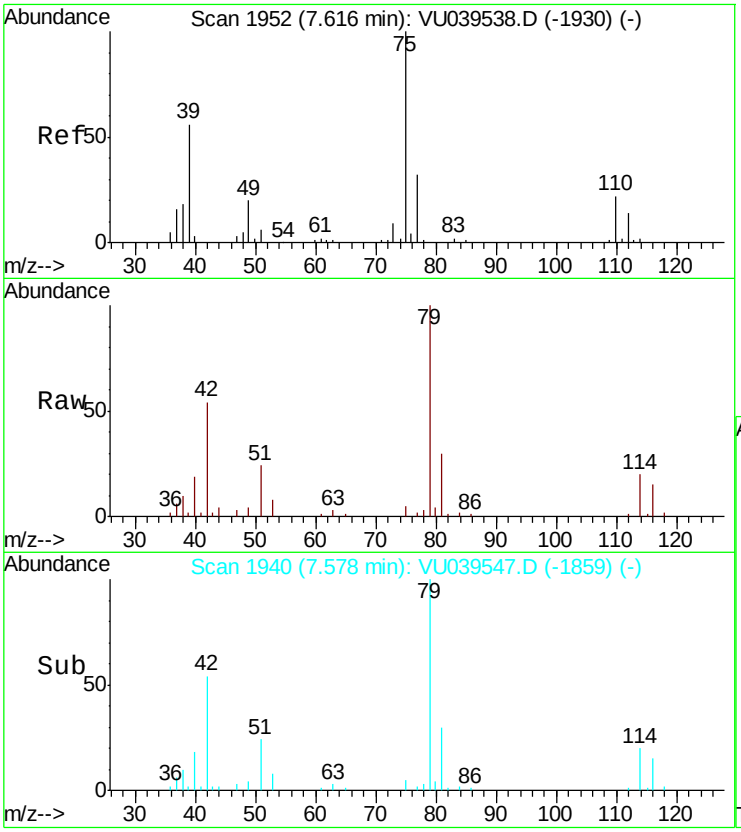


#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Tgt Ion: 63 Resp: 4190

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.5	3.7#



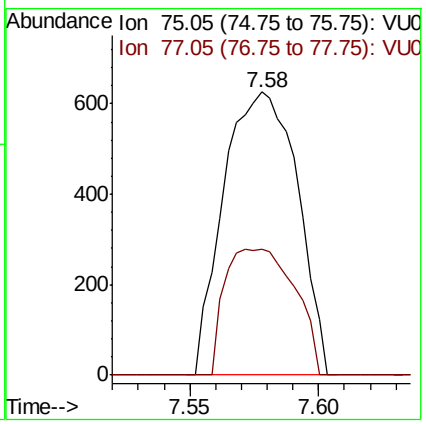


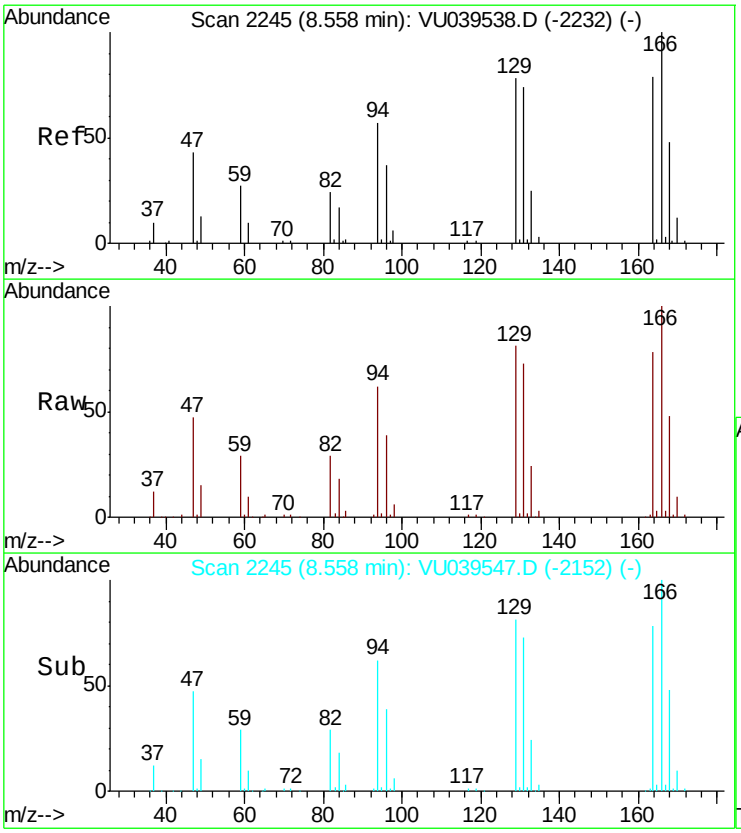
#39
cis-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
BFT84

Tgt Ion: 75 Resp: 1247

Ion	Ratio	Lower	Upper
75	100		
77	44.2	22.3	41.3#

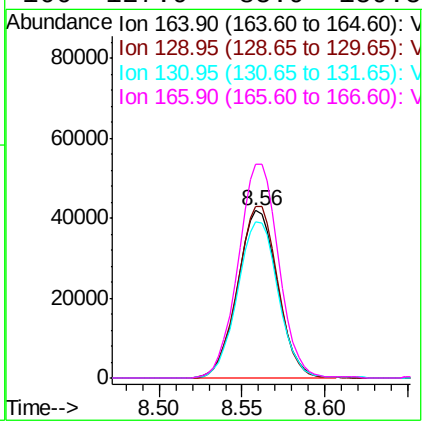


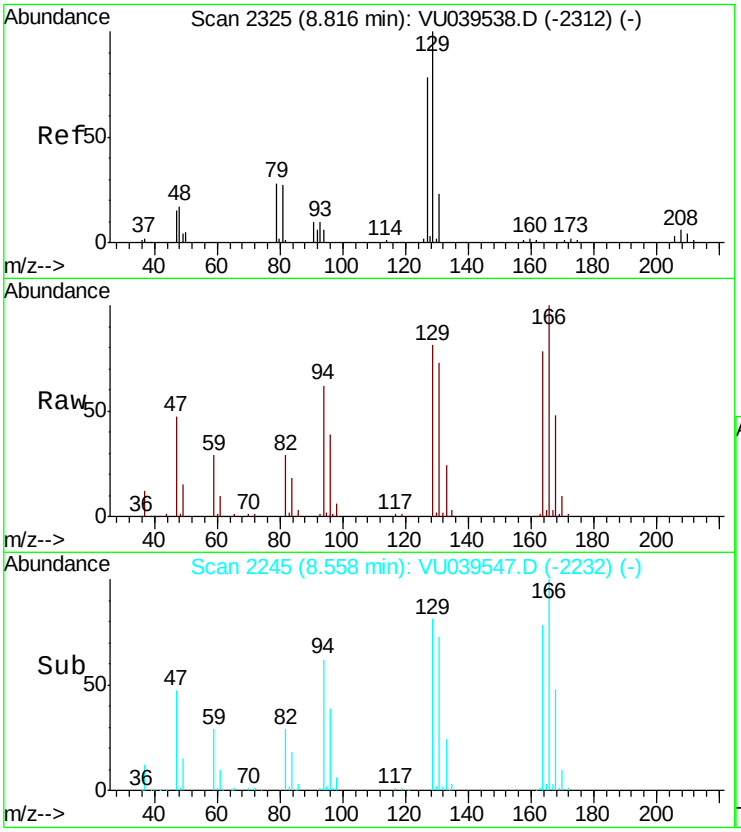


#47
Tetrachloroethene
Concen: 16.241 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Tgt Ion:164 Resp: 70943

Ion	Ratio	Lower	Upper
164	100		
129	102.9	68.6	127.4
131	93.3	66.4	123.4
166	127.9	85.9	159.5



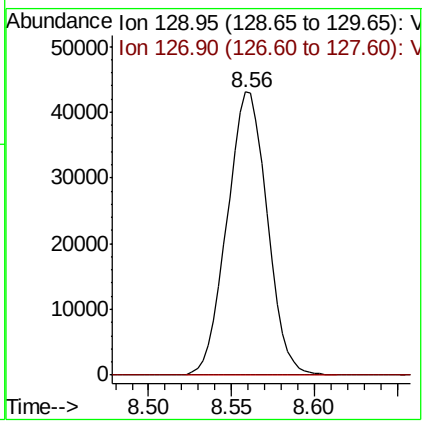


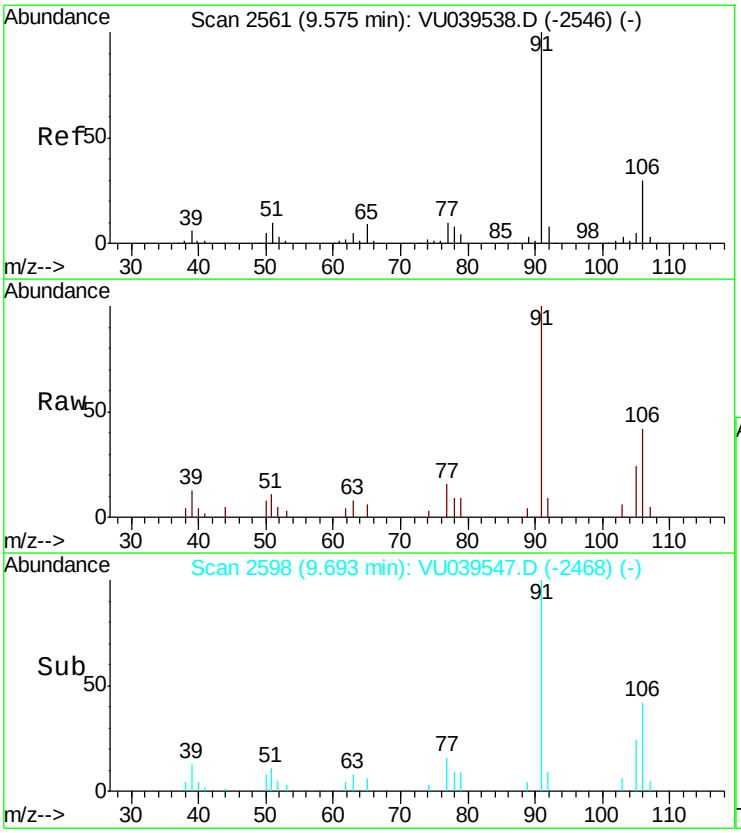
#49
Dibromochloromethane
Concen: 12.577 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
BFT84

Tgt Ion:129 Resp: 72455

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	102.8#

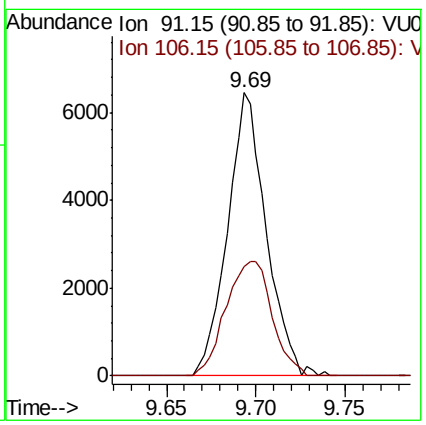


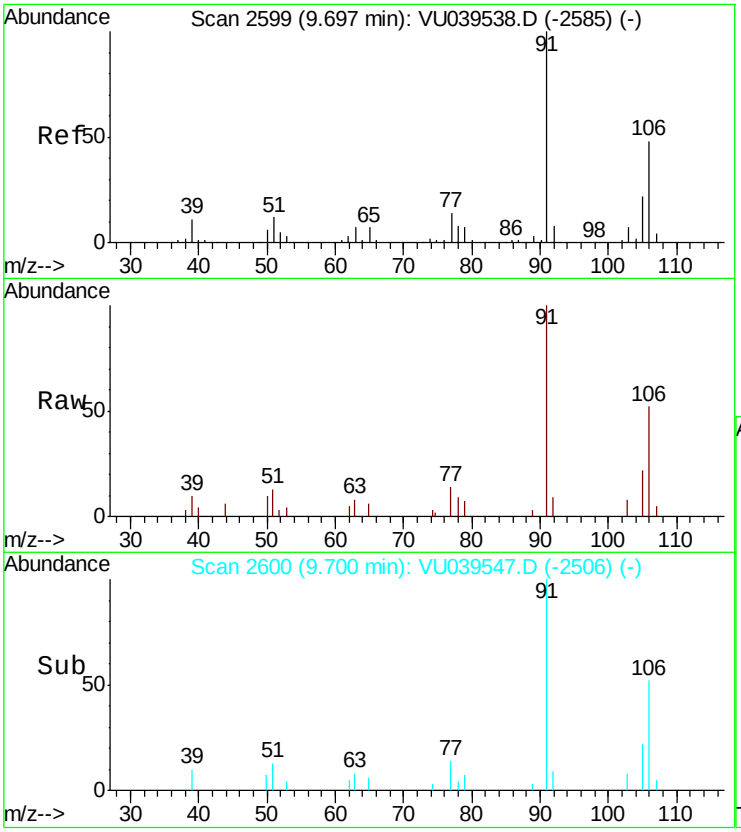


#52
Ethylbenzene
Concen: 0.338 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.12 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Tgt Ion: 91 Resp: 9714

Ion	Ratio	Lower	Upper
91	100		
106	38.5	21.3	39.6



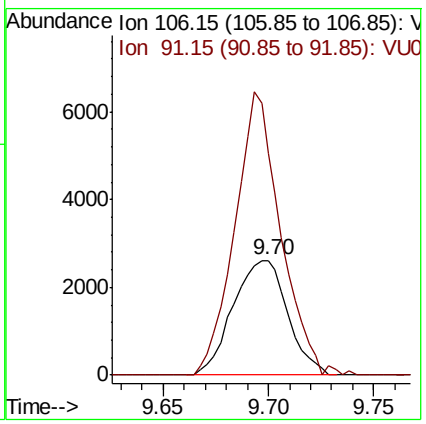


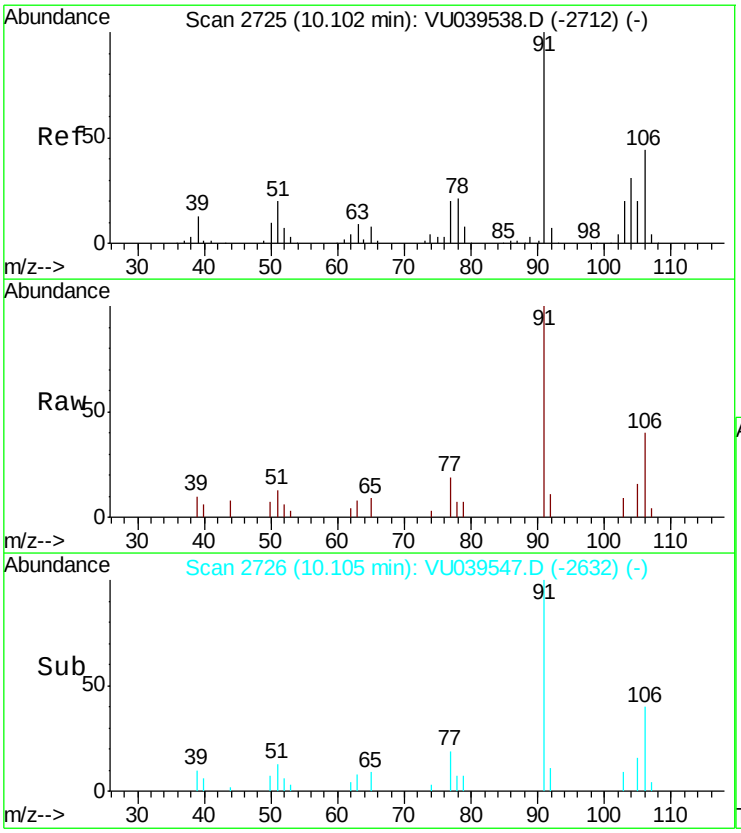
#53
m,p-Xylene
Concen: 0.434 ug/L
RT: 9.70 min Scan# 2600
Delta R.T. 0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
BFT84

Tgt Ion:106 Resp: 4701

Ion	Ratio	Lower	Upper
106	100		
91	193.6	144.0	267.4

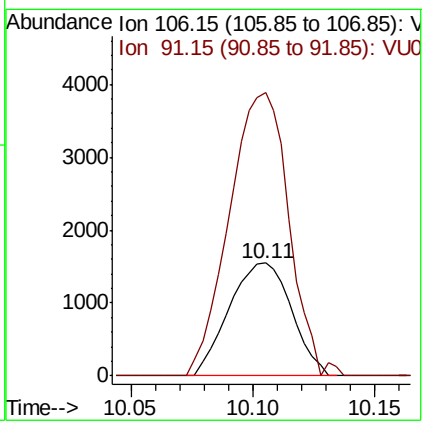


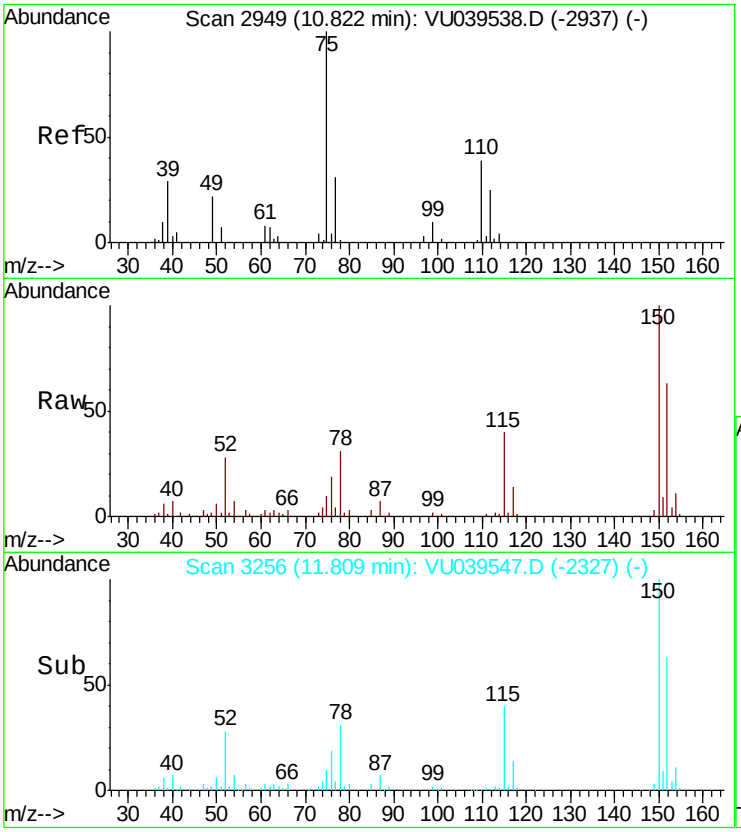


#54
o-Xylene
Concen: 0.261 ug/L
RT: 10.11 min Scan# 2726
Delta R.T. 0.00 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Tgt Ion:106 Resp: 2747

Ion	Ratio	Lower	Upper
106	100		
91	251.6	154.6	287.2





#59
1,2,3-Trichloropropane
Concen: 1.255 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039547.D
Acq: 17 Jul 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
BFT84

Tgt Ion: 75 Resp: 6123

Ion	Ratio	Lower	Upper
75	100		
77	37.2	26.8	40.2