Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040780.D
Acq On : 17 Oct 2020 22:46
Operator : SY/MD
Sample : L4447-02
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ56

Quant Time: Oct 19 03:11:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130674	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126732	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52154	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	151085	13.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 279.00%#			
7) Chloroethane-d5	1.92	69	35220	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.59	63	103944	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.20%			
20) 2-Butanone-d5	4.70	46	201963	58.29	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.58%			
24) Chloroform-d	5.09	84	85941	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.72	65	54107	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.74	84	151010	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	6.70	67	54439	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.91	98	113138	3.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.00%			
43) trans-1,3-Dichloropropene-	8.19	79	19273	4.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.20%			
46) 2-Hexanone-d5	8.64	63	117718	47.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.04%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50247	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47571	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.36	85	1061	0.090	ug/L	98
3) Chloromethane	1.61	50	123059	11.114	ug/L #	44
5) Vinyl chloride	1.60	62	12693893	1088.652	ug/L #	74
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2401	0.221	ug/L #	76
12) 1,1-Dichloroethene	2.60	96	84519	9.065	ug/L #	86
14) Carbon disulfide	2.82	76	65835	2.522	ug/L #	95
17) Methyl tert-butyl Ether	3.38	73	8860	0.336	ug/L #	86
18) trans-1,2-Dichloroethene	3.38	96	401916	41.180	ug/L	98
19) 1,1-Dichloroethane	3.89	63	1632	0.081	ug/L #	87
27) 1,2-Dichloroethane	5.81	62	1670	0.114	ug/L #	77
30) Cyclohexane	5.40	56	2176	0.139	ug/L #	93
33) Benzene	5.79	78	2370	0.058	ug/L	100
34) Trichloroethene	6.55	95	17127	1.623	ug/L	95
35) Methylcyclohexane	6.70	83	12845	0.858	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	6544	0.577	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1473	0.095	ug/L #	56
42) Toluene	7.97	91	7289	0.176	ug/L	88

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040780.D
Acq On : 17 Oct 2020 22:46
Operator : SY/MD
Sample : L4447-02
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ56

Quant Time: Oct 19 03:11:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) trans-1,3-Dichloropropene	8.18	75	785	0.055	ug/L		86
47) Tetrachloroethene	8.56	164	7144	0.949	ug/L		92
48) 2-Hexanone	8.64	43	17546	2.606	ug/L	#	78
49) Dibromochloromethane	8.56	129	7168	0.733	ug/L	#	9
52) Ethylbenzene	9.57	91	2002	0.045	ug/L		92
53) m,p-Xylene	9.69	106	2182	0.133	ug/L		89
59) 1,2,3-Trichloropropane	11.81	75	7326	0.879	ug/L	#	86
65) 1,2-Dichlorobenzene	12.21	146	1053	0.063	ug/L	#	84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101720\
Data File : VU040780.D
Acq On : 17 Oct 2020 22:46
Operator : SY/MD
Sample : L4447-02
Misc : 25.4mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ETZ56

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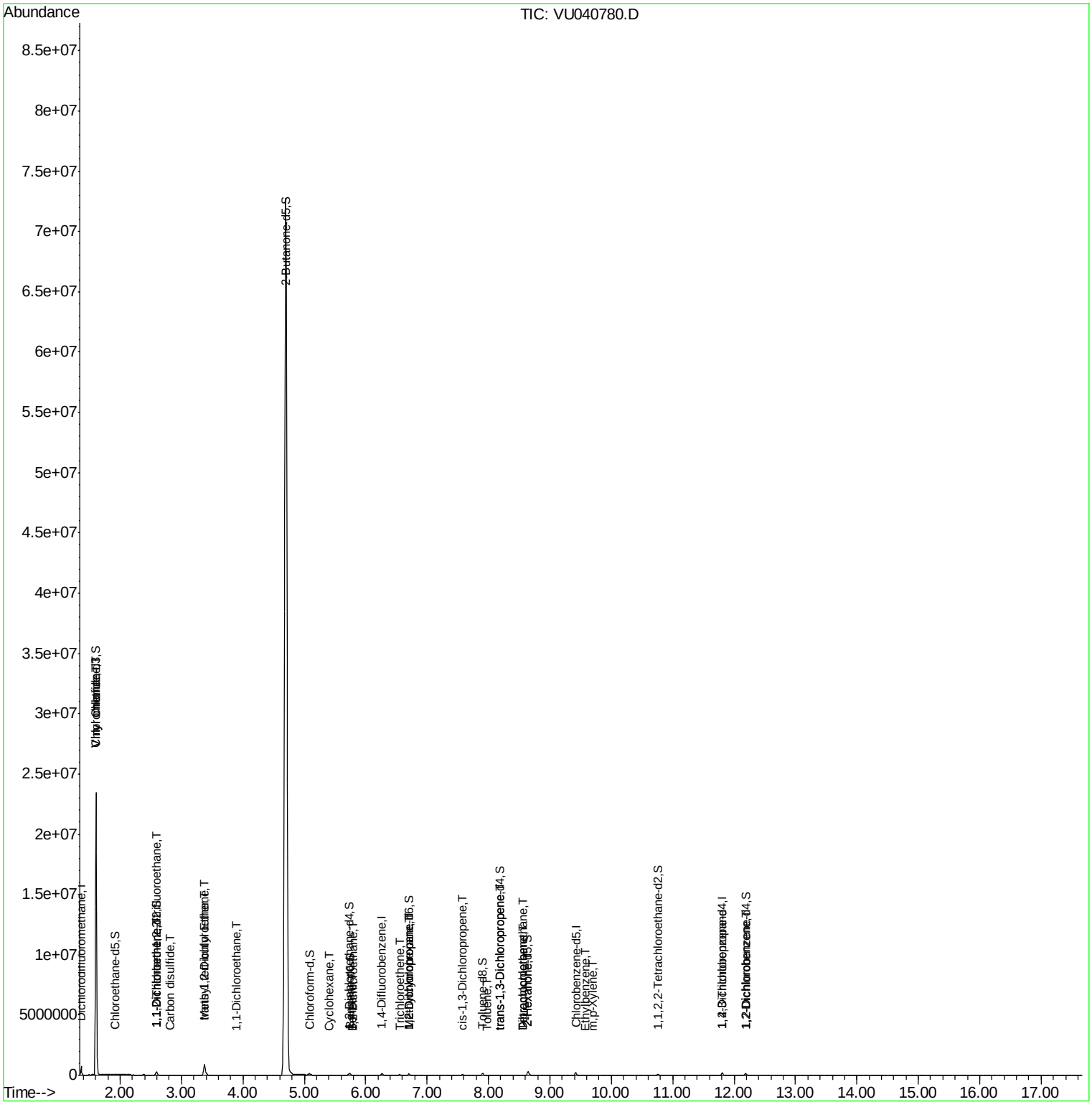
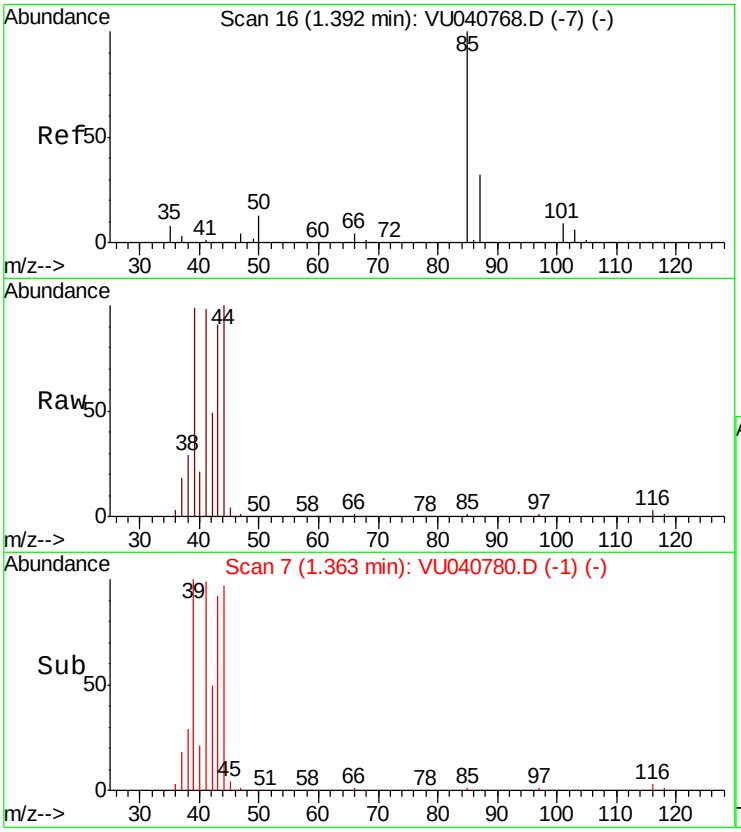
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration



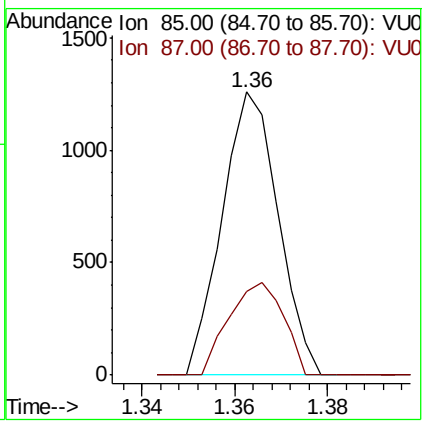


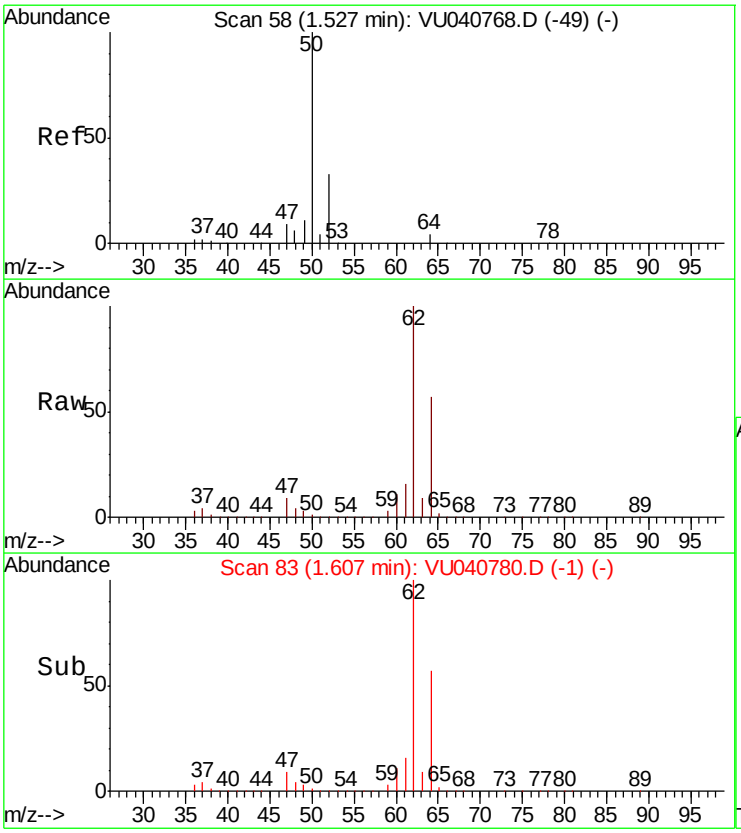
#2
Dichlorodifluoromethane
Concen: 0.090 ug/L
RT: 1.36 min Scan# 7
Delta R.T. -0.03 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument :
MSVOA_U
ClientSampleId :
ETZ56

Tgt Ion: 85 Resp: 1061

Ion	Ratio	Lower	Upper
85	100		
87	31.7	26.2	39.4

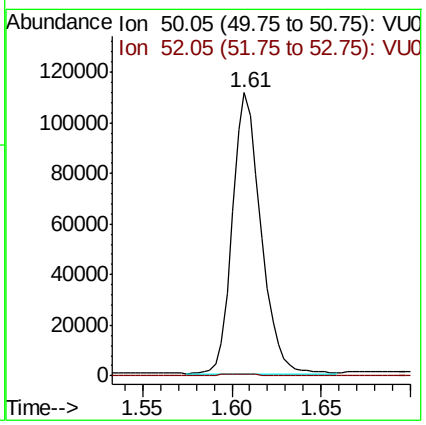


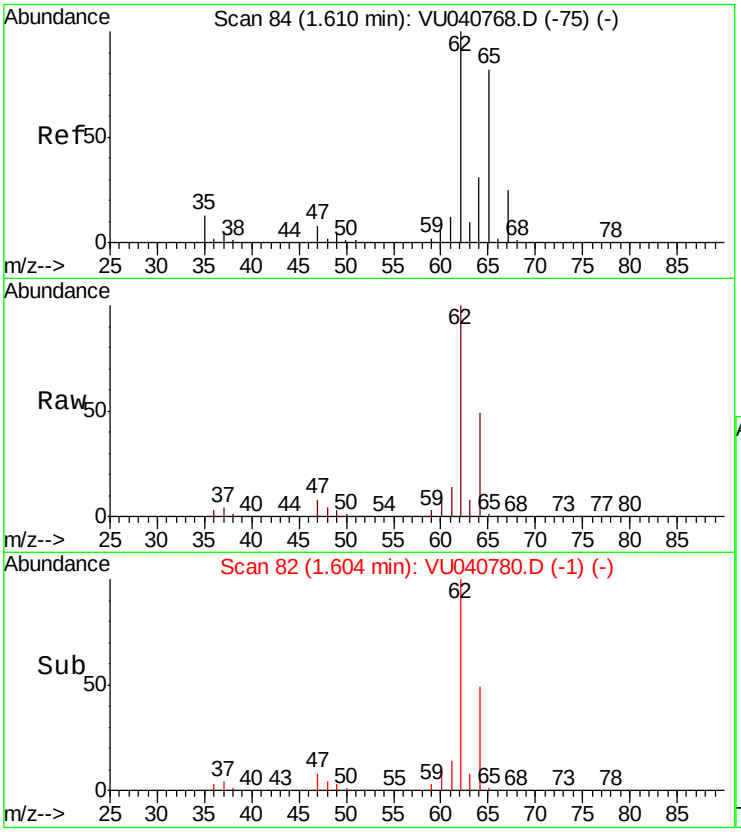


#3
Chloromethane
Concen: 11.114 ug/L
RT: 1.61 min Scan# 83
Delta R.T. 0.08 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 50 Resp: 123059

Ion	Ratio	Lower	Upper
50	100		
52	0.4	21.9	40.7#



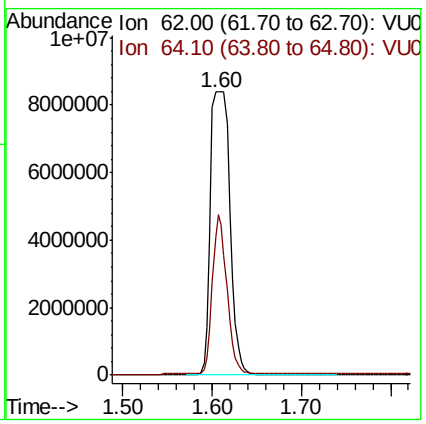


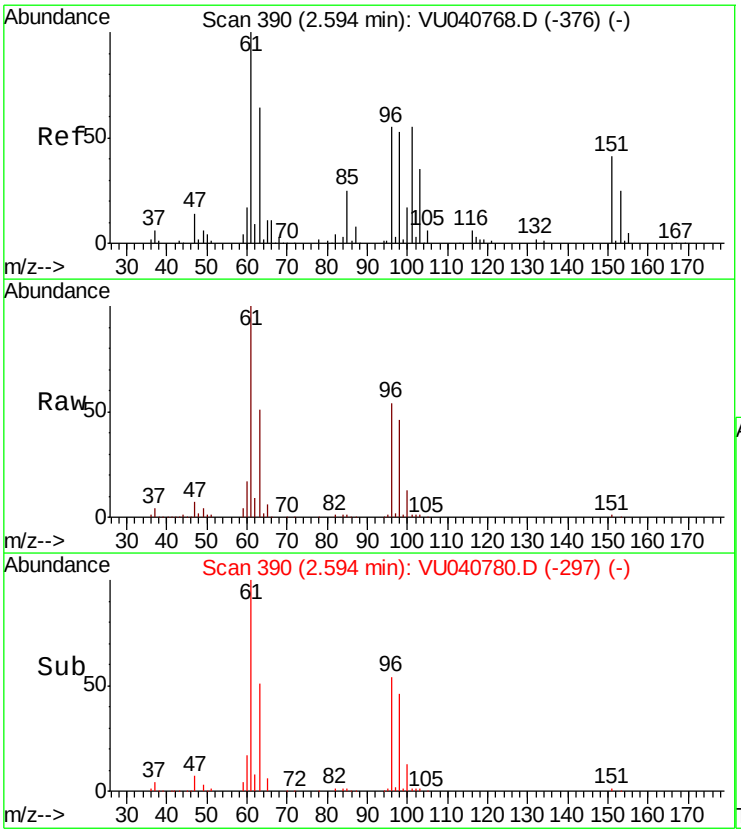
#5
Vinyl chloride
Concen: 1088.652 ug/L
RT: 1.60 min Scan# 82
Delta R.T. -0.01 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument :
MSVOA_U
ClientSampleId :
ETZ56

Tgt Ion: 62 Resp:12693893

Ion	Ratio	Lower	Upper
62	100		
64	49.0	23.7	44.1#

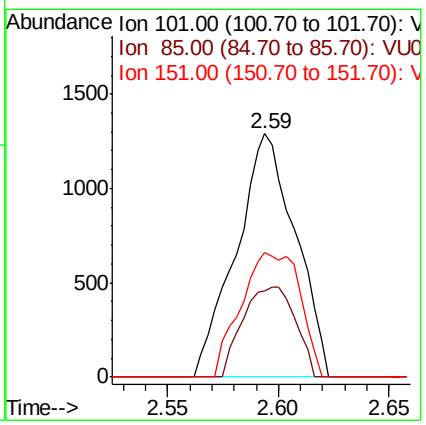


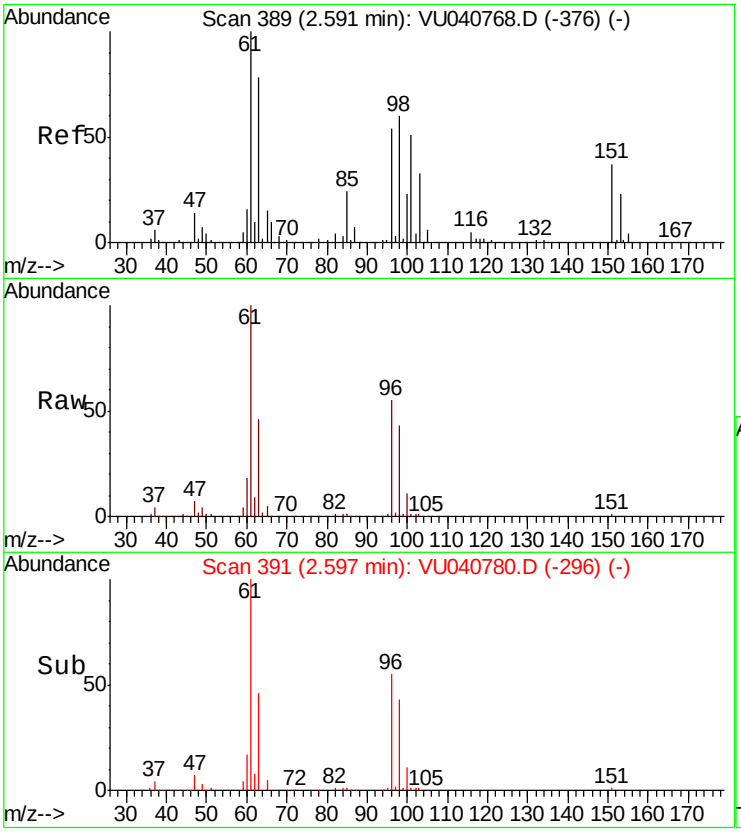


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.221 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion:101 Resp: 2401

Ion	Ratio	Lower	Upper
101	100		
85	32.9	36.7	55.1#
151	50.9	58.0	87.0#



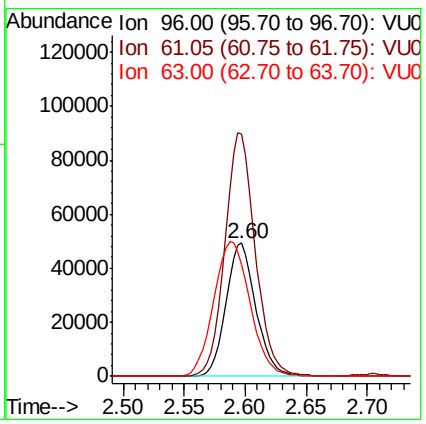


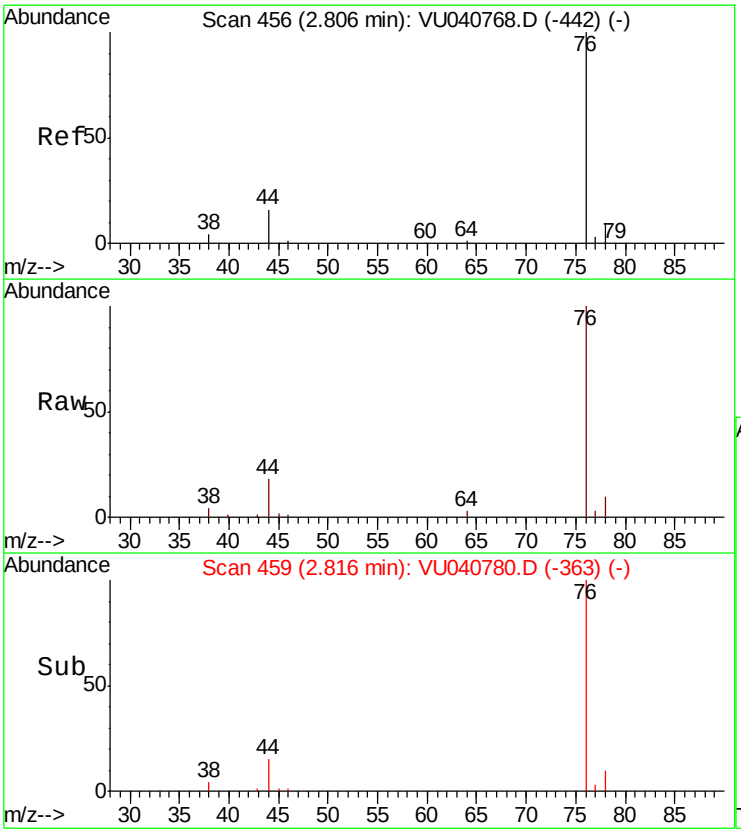
#12
1,1-Dichloroethene
Concen: 9.065 ug/L
RT: 2.60 min Scan# 391
Delta R.T. 0.01 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument : MSVOA_U
ClientSampleId : ETZ56

Tgt Ion: 96 Resp: 84519

Ion	Ratio	Lower	Upper
96	100		
61	182.1	128.8	239.2
63	84.0	84.6	157.2#

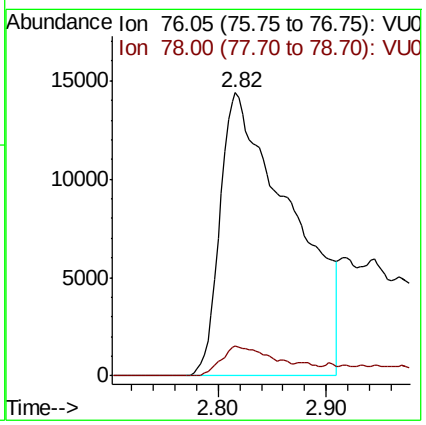


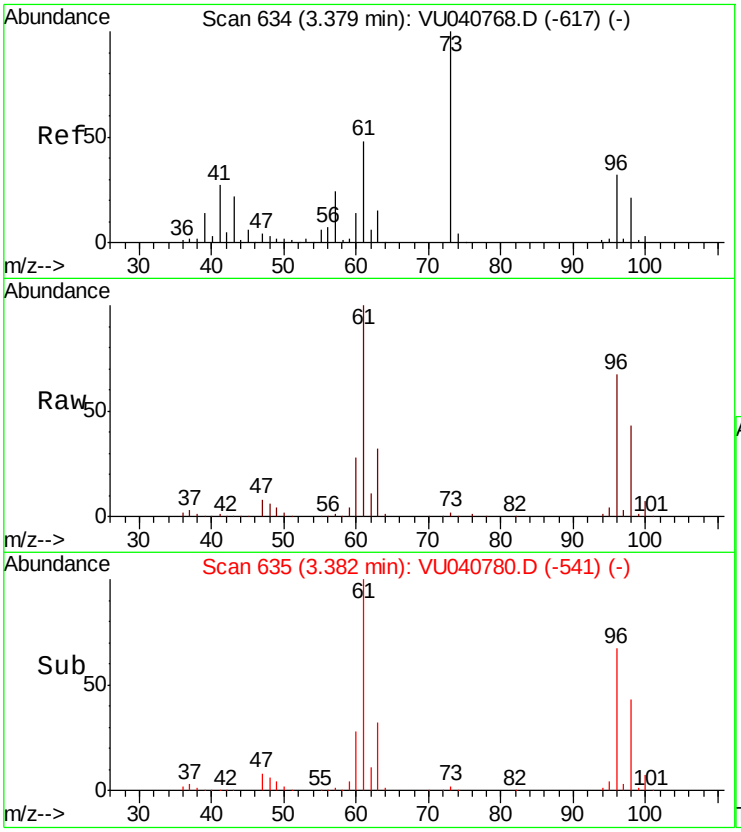


#14
Carbon disulfide
Concen: 2.522 ug/L
RT: 2.82 min Scan# 459
Delta R.T. 0.01 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 76 Resp: 65835

Ion	Ratio	Lower	Upper
76	100		
78	10.4	6.8	10.2#



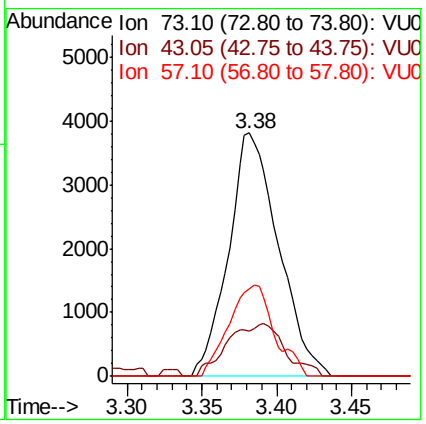


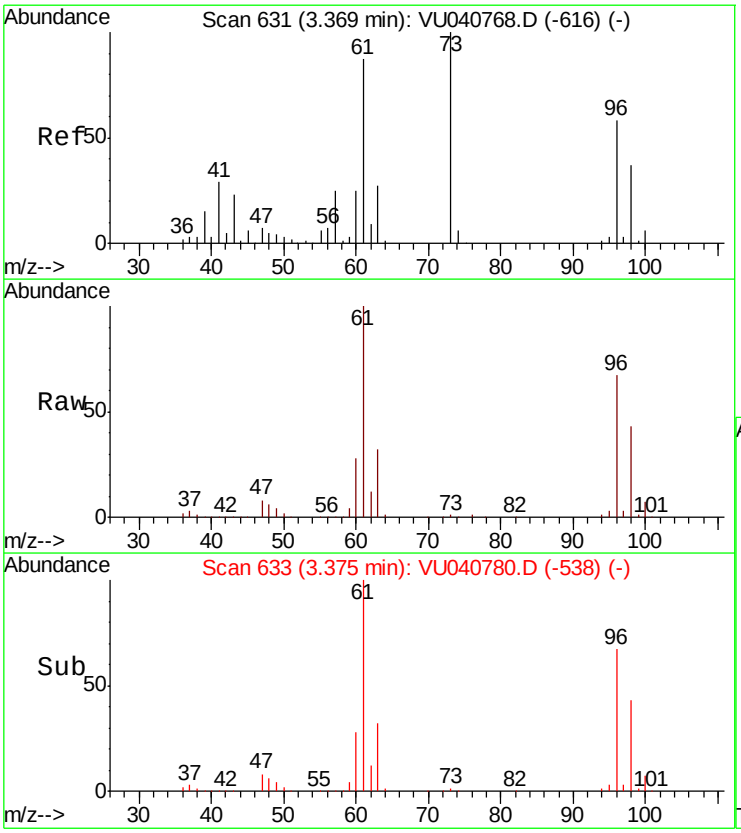
#17
Methyl tert-butyl Ether
Concen: 0.336 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument : MSVOA_U
ClientSampleId : ETZ56

Tgt Ion: 73 Resp: 8860

Ion	Ratio	Lower	Upper
73	100		
43	25.1	18.2	27.4
57	34.0	18.6	28.0#

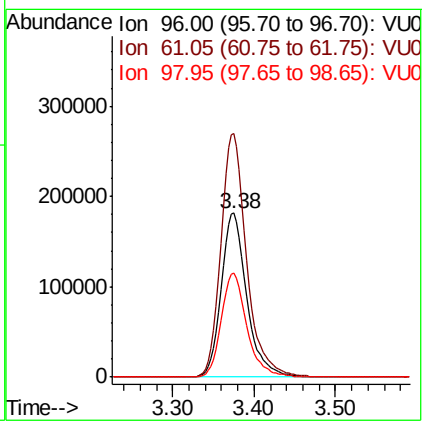


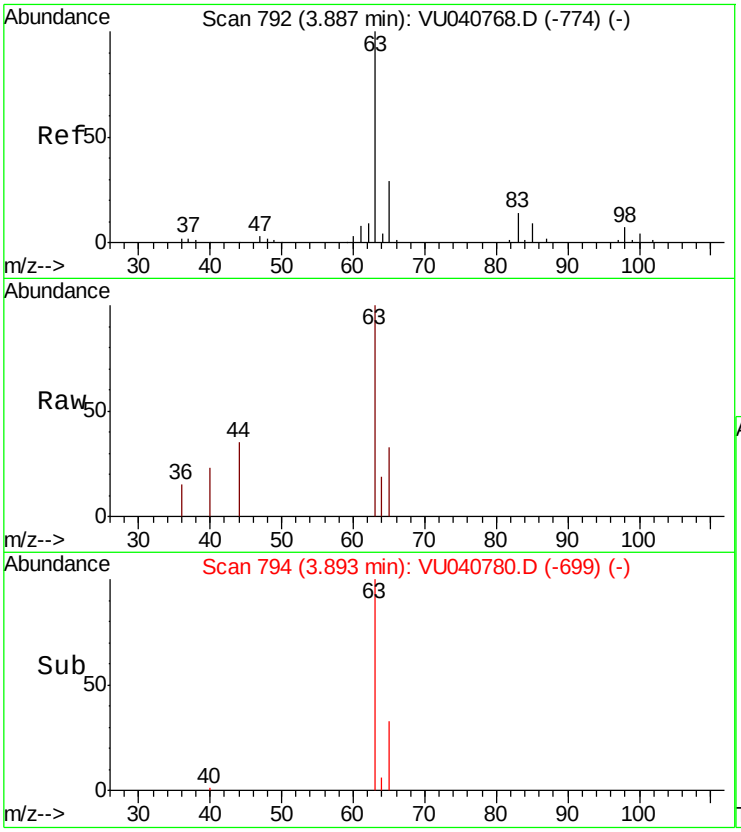


#18
trans-1,2-Dichloroethene
Concen: 41.180 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 96 Resp: 401916

Ion	Ratio	Lower	Upper
96	100		
61	148.3	105.9	196.7
98	63.1	43.8	81.3



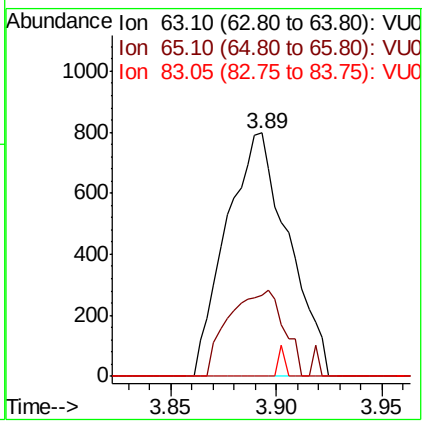


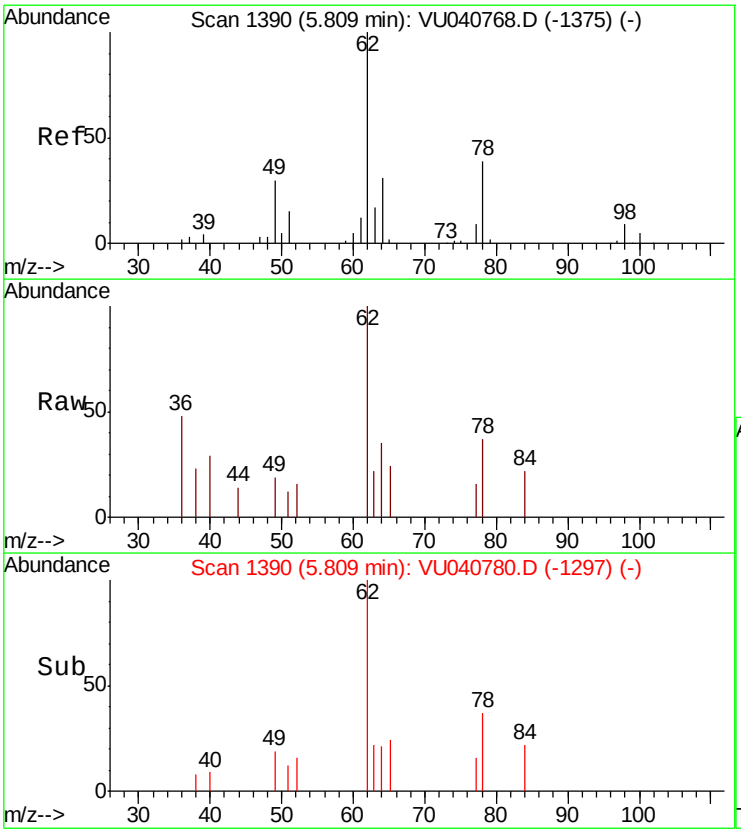
#19
1,1-Dichloroethane
Concen: 0.081 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.01 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument : MSVOA_U
ClientSampleId : ETZ56

Tgt Ion: 63 Resp: 1632

Ion	Ratio	Lower	Upper
63	100		
65	33.1	21.9	40.7
83	0.0	9.6	17.8#

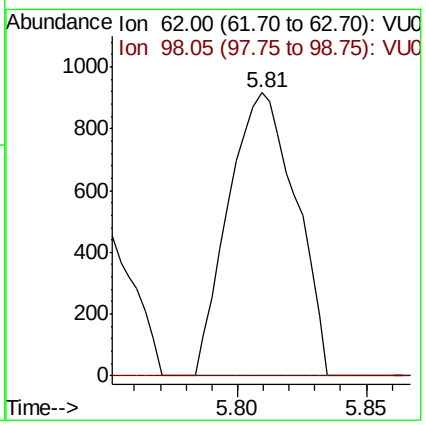


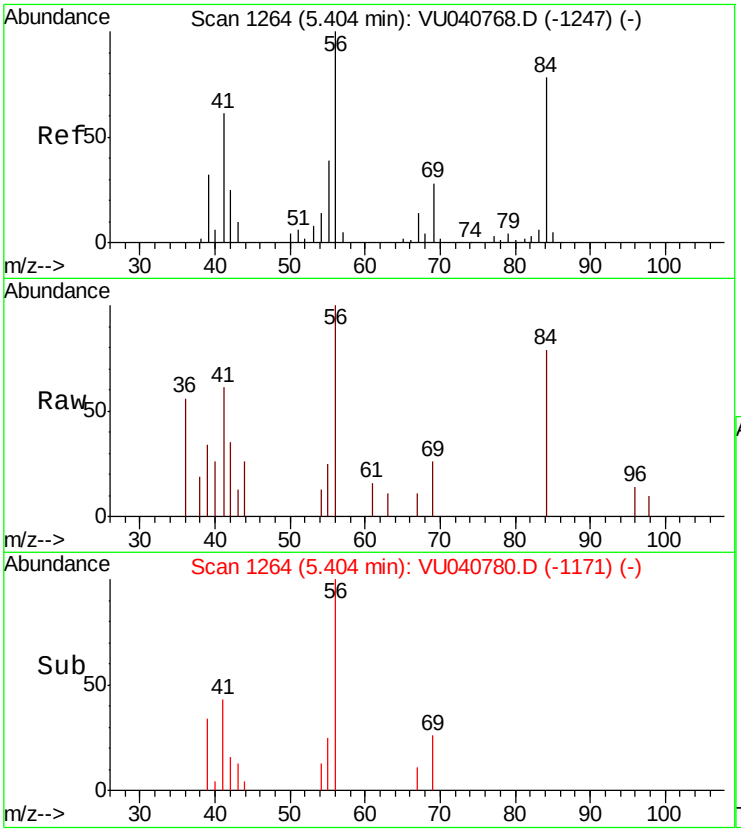


#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 62 Resp: 1670

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



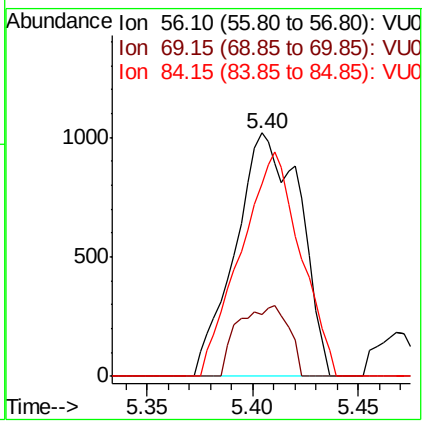


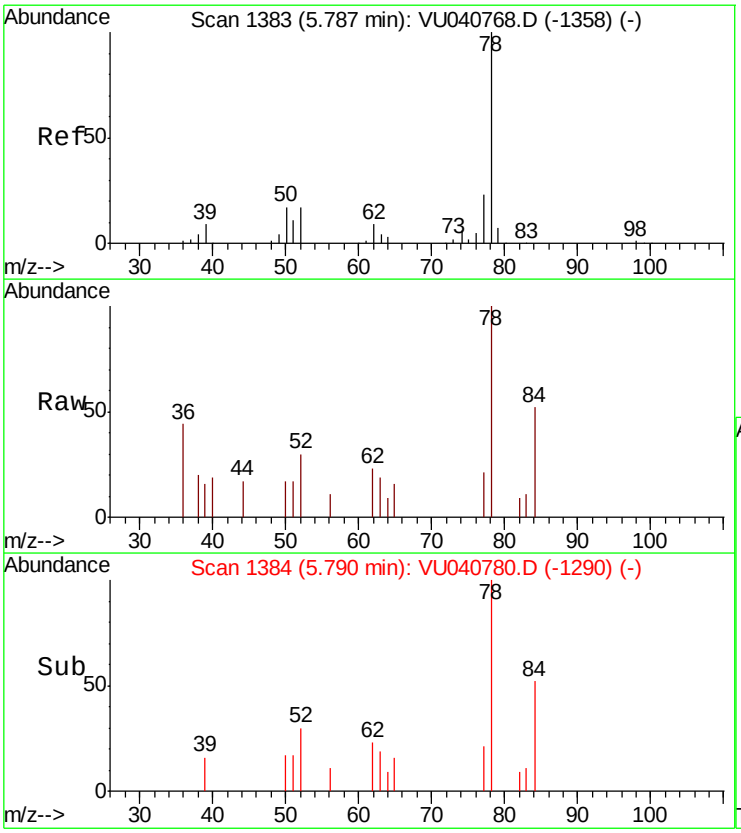
#30
Cyclohexane
Concen: 0.139 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument : MSVOA_U
ClientSampleId : ETZ56

Tgt Ion: 56 Resp: 2176

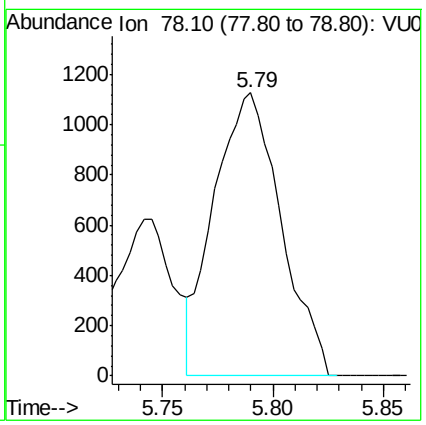
Ion	Ratio	Lower	Upper
56	100		
69	22.6	23.8	35.8#
84	84.6	64.0	96.0

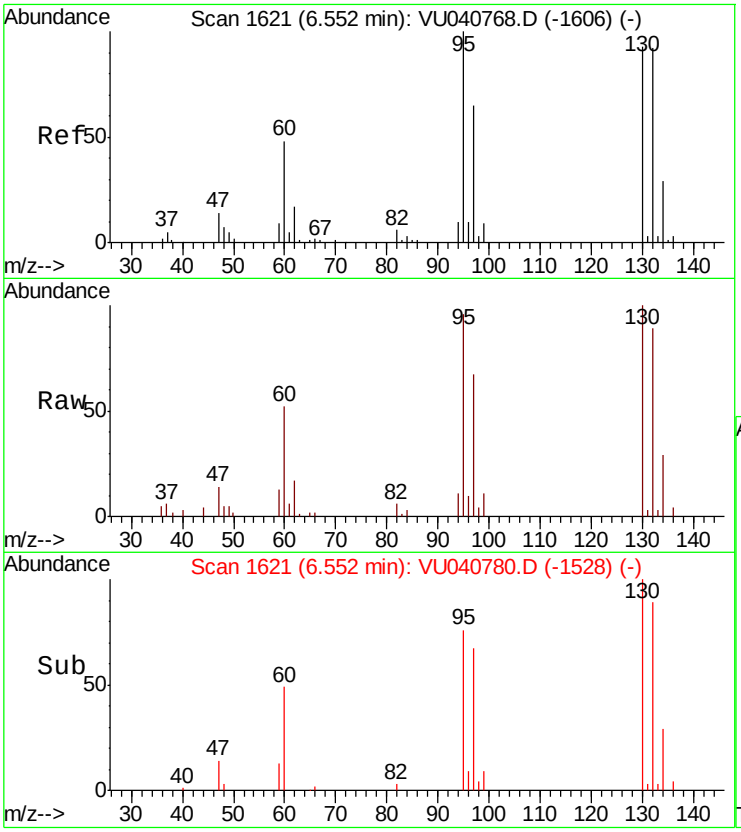




#33
Benzene
Concen: 0.058 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 78 Resp: 2370



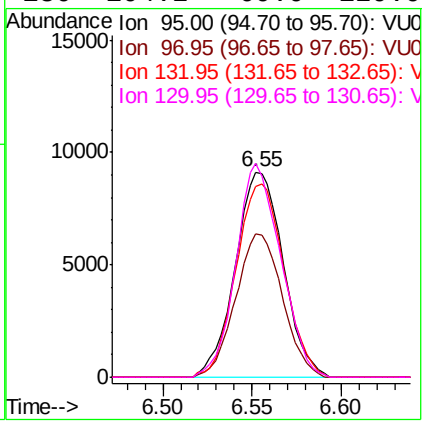


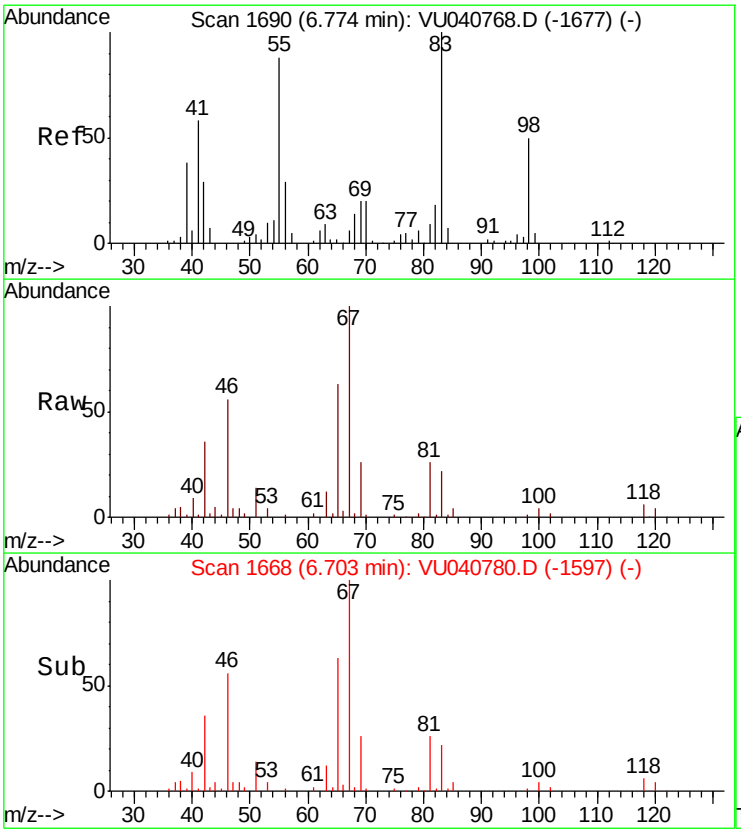
#34
Trichloroethene
Concen: 1.623 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument :
MSVOA_U
ClientSampleId :
ETZ56

Tgt Ion: 95 Resp: 17127

Ion	Ratio	Lower	Upper
95	100		
97	69.8	45.5	84.5
132	92.8	67.5	125.4
130	104.2	69.9	129.9

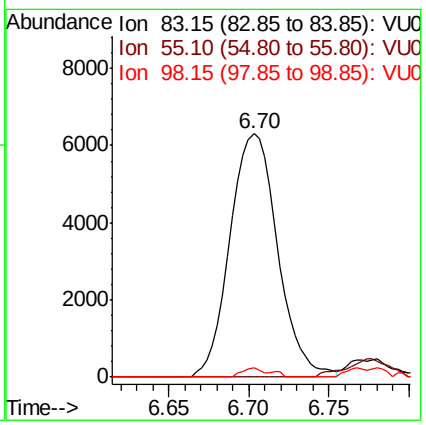


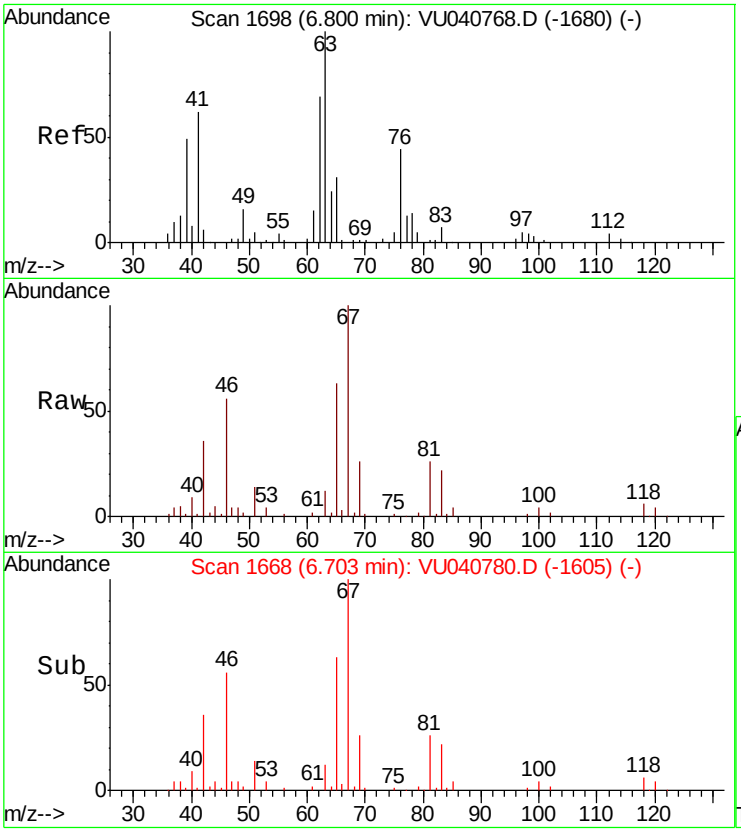


#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 83 Resp: 12845

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	2.1	38.4	57.6#



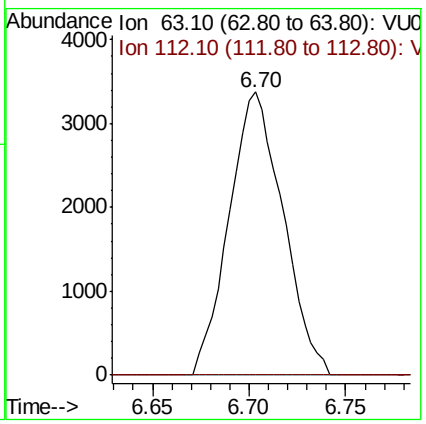


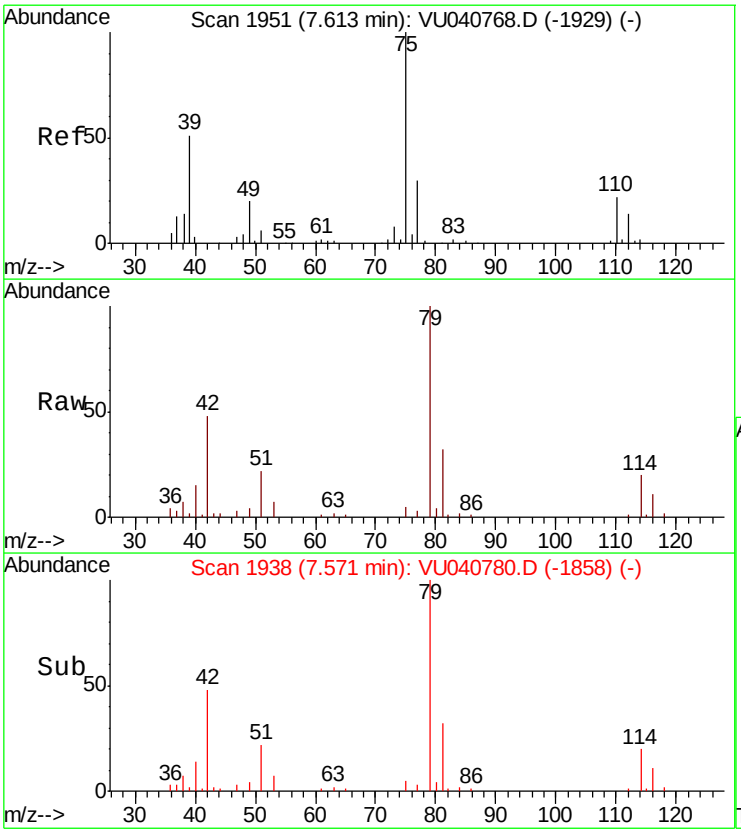
#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument :
MSVOA_U
ClientSampleId :
ETZ56

Tgt Ion: 63 Resp: 6544

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

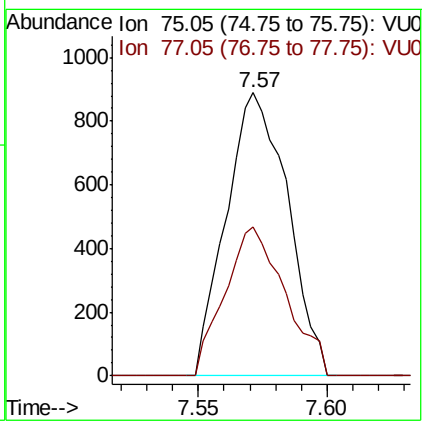


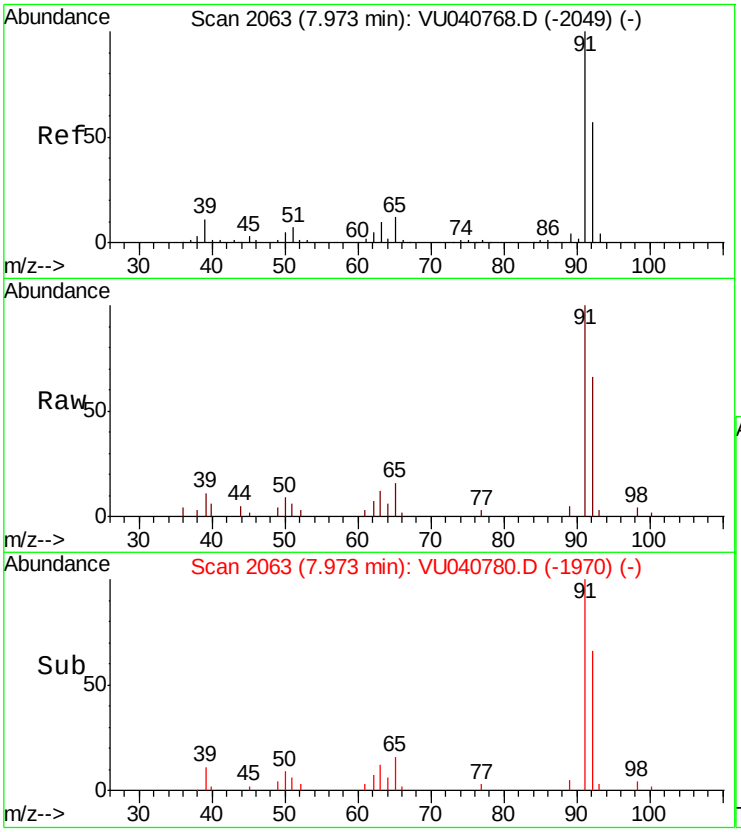


#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 75 Resp: 1473

Ion	Ratio	Lower	Upper
75	100		
77	52.8	20.5	38.1#



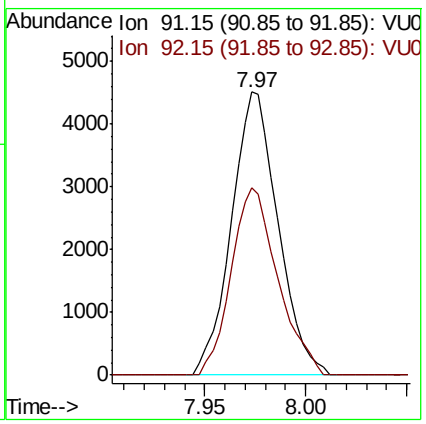


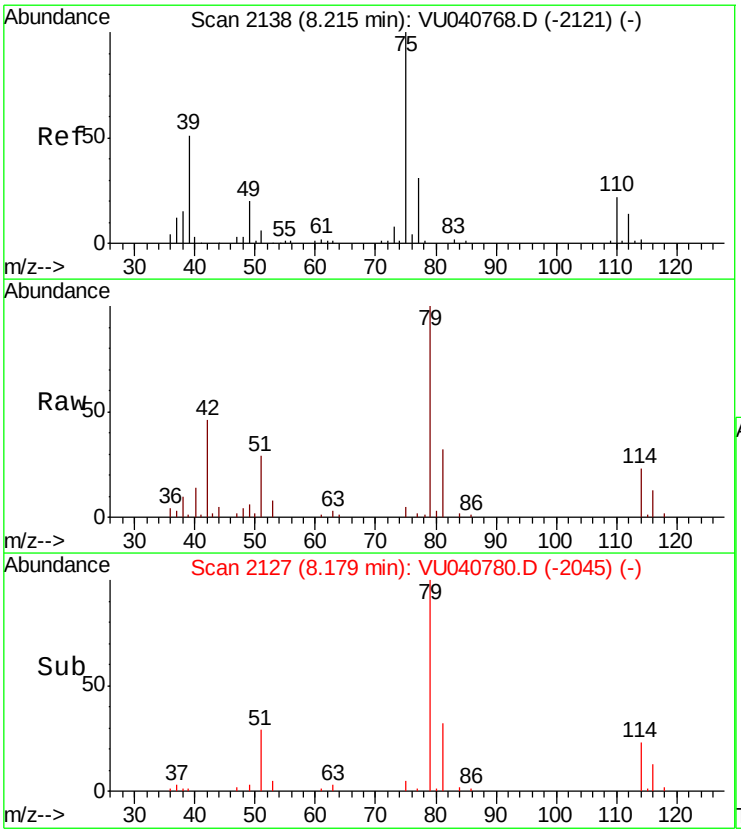
#42
Toluene
Concen: 0.176 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument :
MSVOA_U
ClientSampleId :
ETZ56

Tgt Ion: 91 Resp: 7289

Ion	Ratio	Lower	Upper
91	100		
92	66.4	40.2	74.6

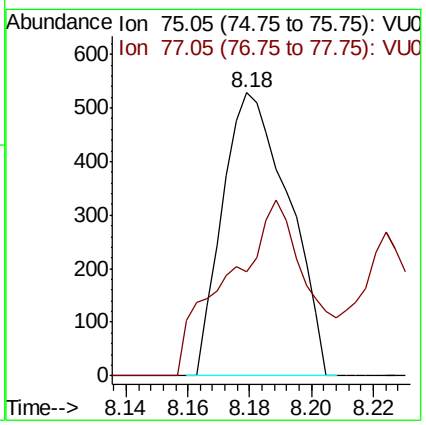


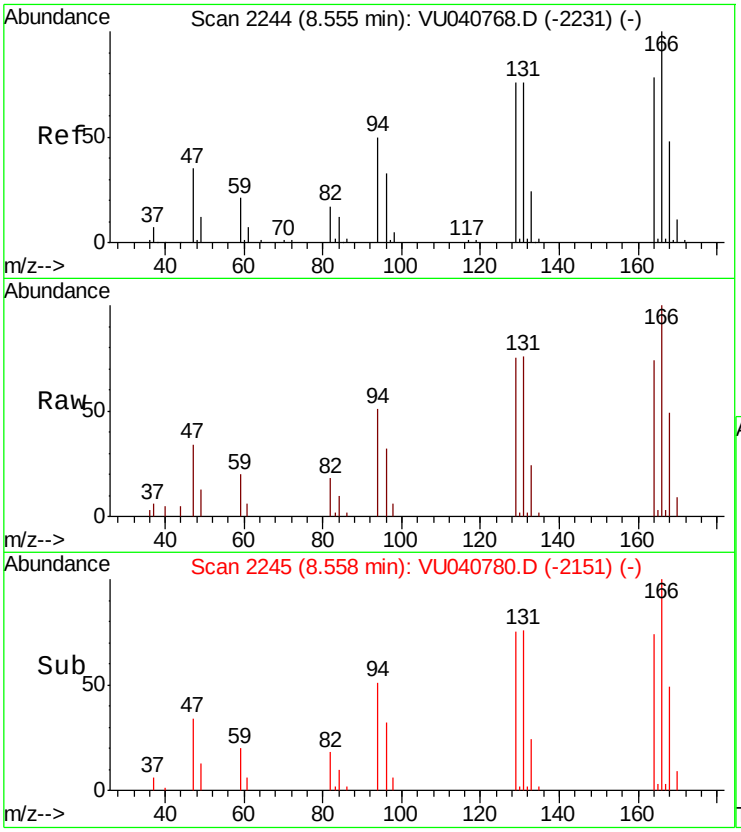


#44
trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 75 Resp: 785

Ion	Ratio	Lower	Upper
75	100		
77	36.9	20.4	38.0



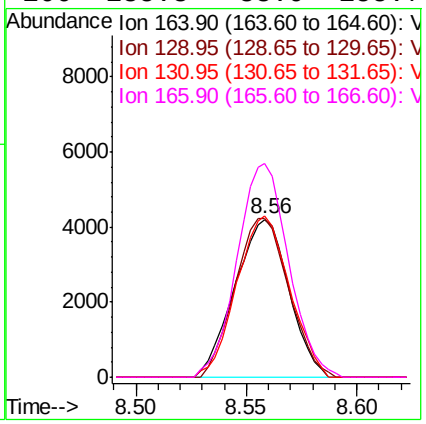


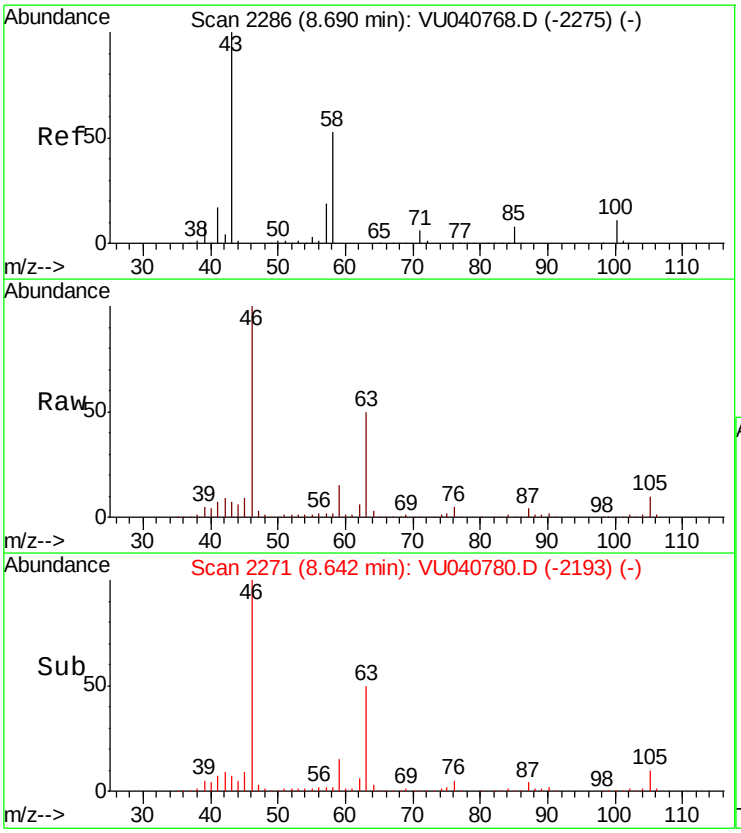
#47
Tetrachloroethene
Concen: 0.949 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument : MSVOA_U
ClientSampleId : ETZ56

Tgt Ion:164 Resp: 7144

Ion	Ratio	Lower	Upper
164	100		
129	100.8	68.8	127.8
131	102.2	66.7	123.9
166	135.3	83.9	155.7

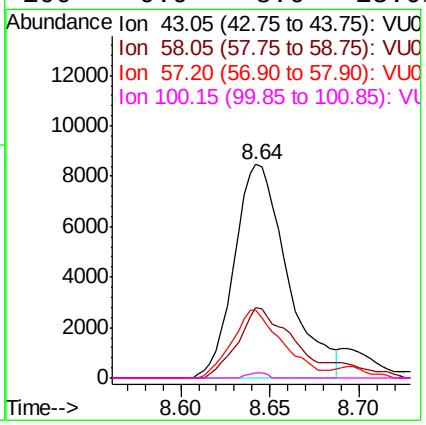


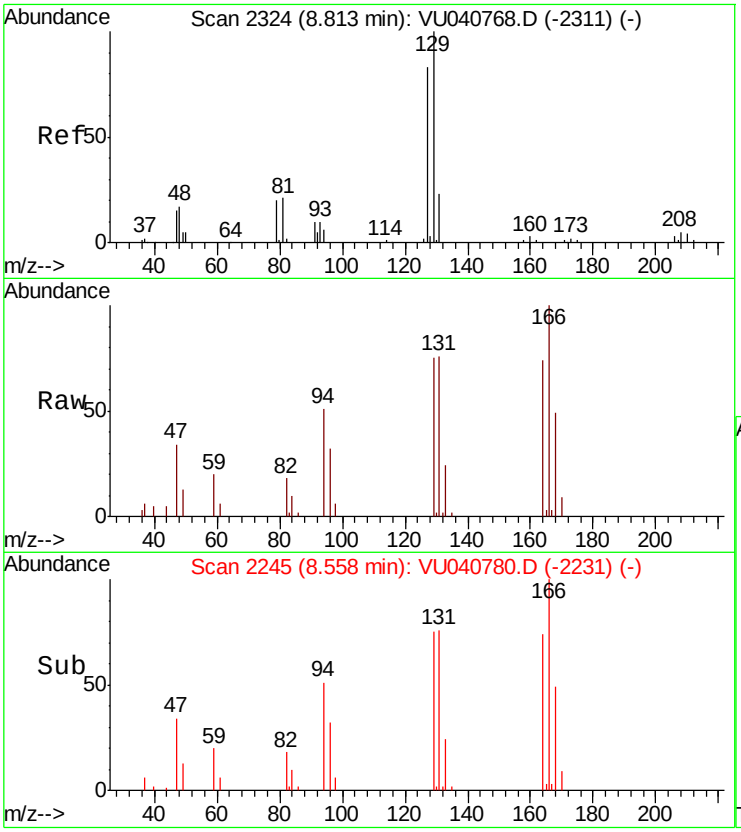


#48
2-Hexanone
Concen: 2.606 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 43 Resp: 17546

Ion	Ratio	Lower	Upper
43	100		
58	38.6	41.0	61.6#
57	30.5	14.4	21.6#
100	0.9	8.6	13.0#



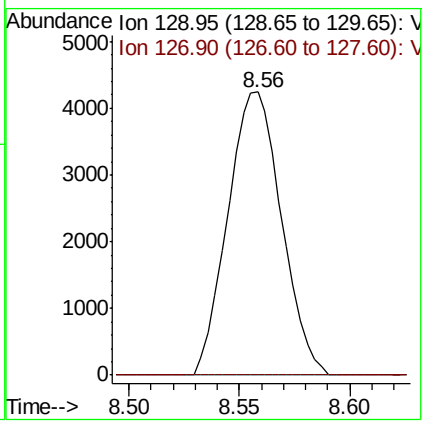


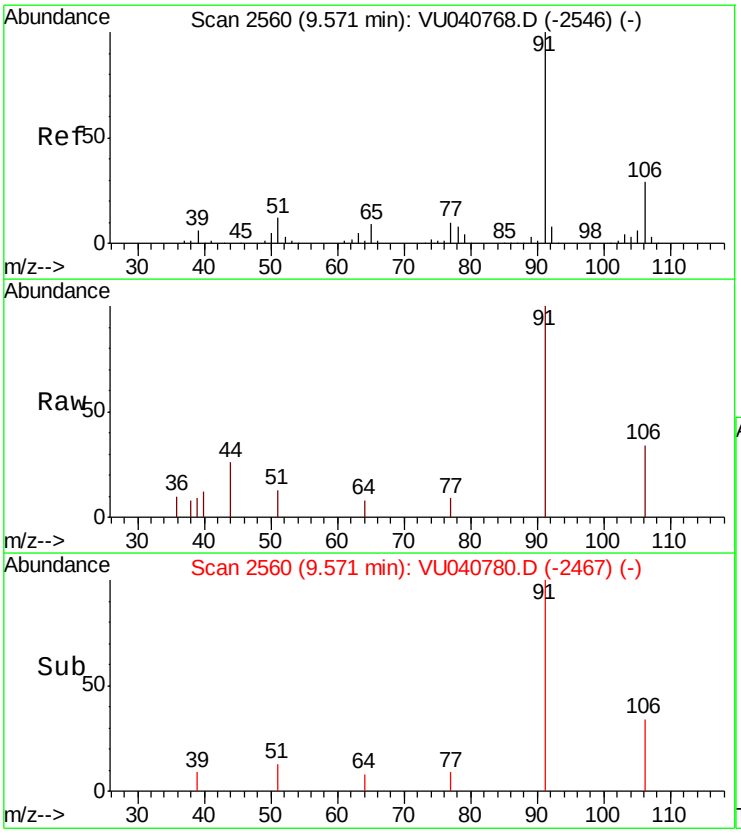
#49
Dibromochloromethane
Concen: 0.733 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument :
MSVOA_U
ClientSampleId :
ETZ56

Tgt Ion:129 Resp: 7168

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#

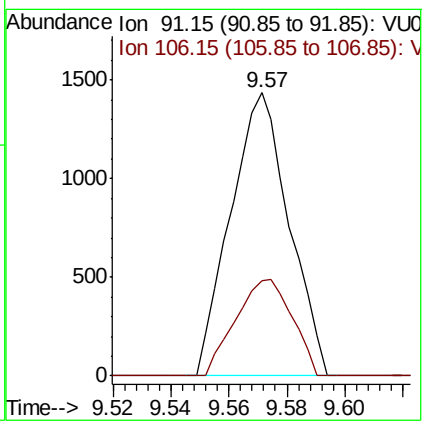


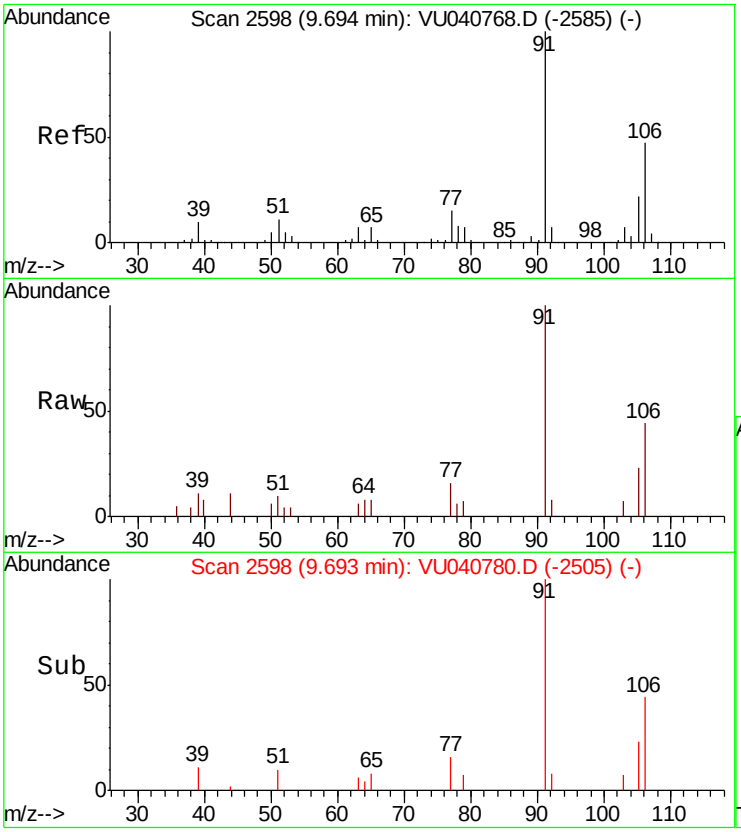


#52
Ethylbenzene
Concen: 0.045 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 91 Resp: 2002

Ion	Ratio	Lower	Upper
91	100		
106	33.7	20.7	38.5



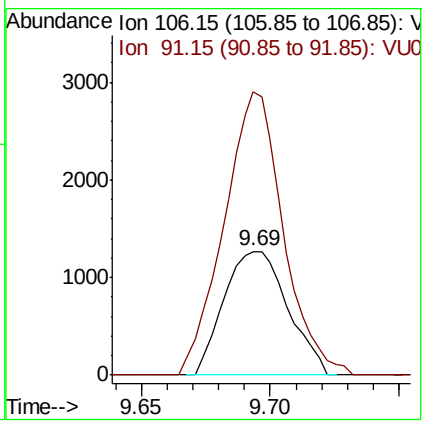


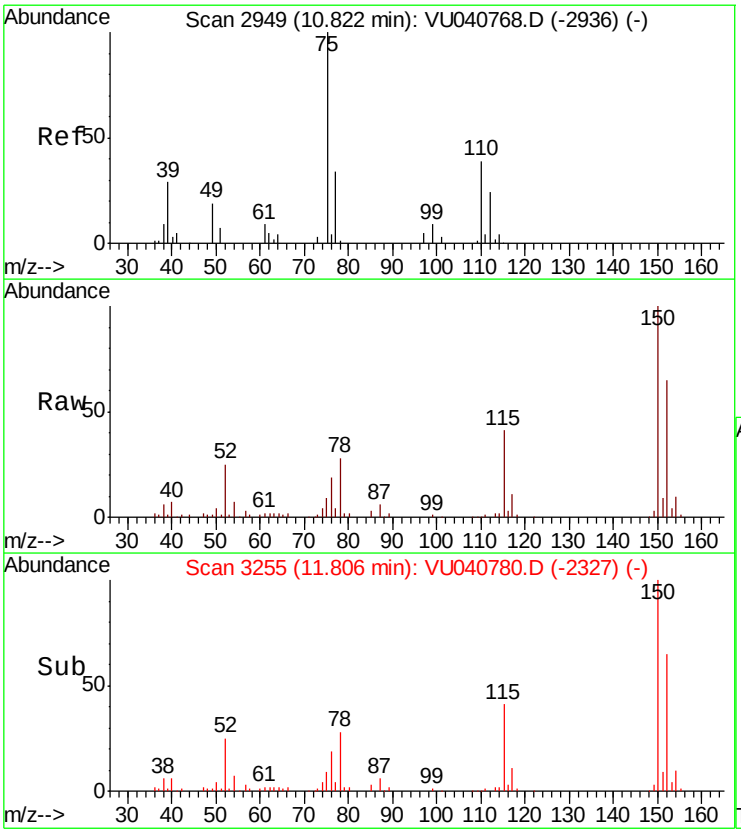
#53
m,p-Xylene
Concen: 0.133 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument : MSVOA_U
ClientSampleId : ETZ56

Tgt Ion:106 Resp: 2182

Ion	Ratio	Lower	Upper
106	100		
91	228.8	148.5	275.7

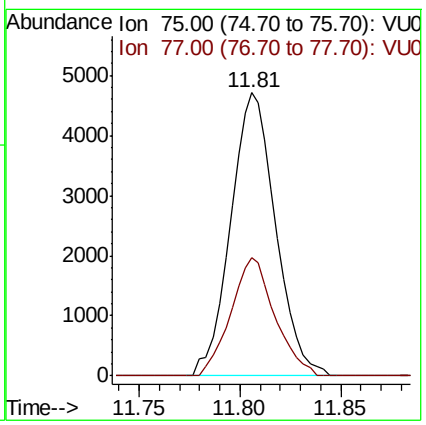


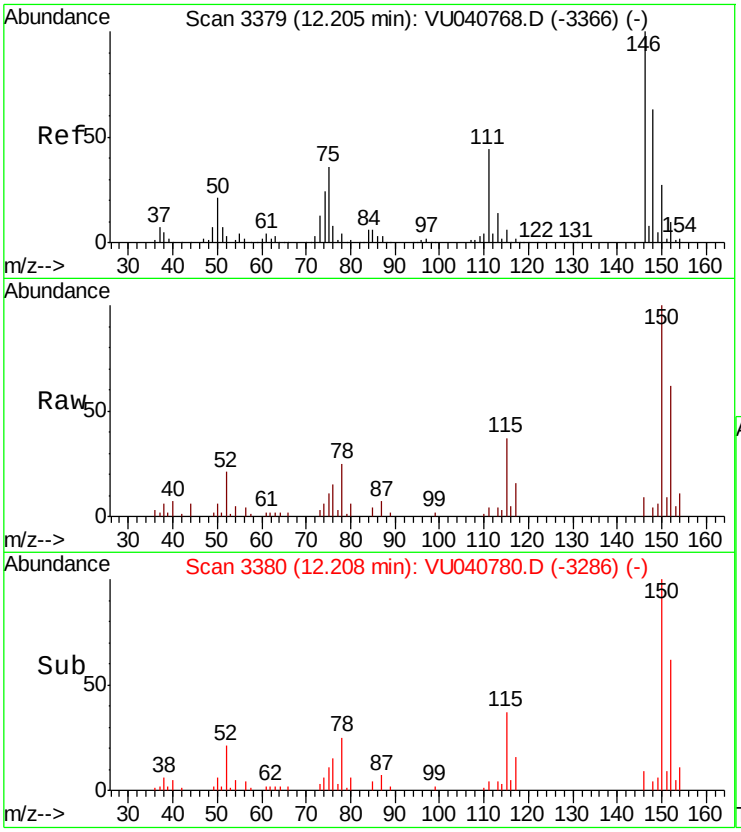


#59
1,2,3-Trichloropropane
Concen: 0.879 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Tgt Ion: 75 Resp: 7326

Ion	Ratio	Lower	Upper
75	100		
77	40.8	26.4	39.6#





#65
1,2-Dichlorobenzene
Concen: 0.063 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU040780.D
Acq: 17 Oct 2020 22:46

Instrument :
MSVOA_U
ClientSampleId :
ETZ56

Tgt Ion:146 Resp: 1053

Ion	Ratio	Lower	Upper
146	100		
111	46.2	34.4	51.6
148	44.6	50.0	75.0#