Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122320\
Data File : VU041787.D
Acq On : 23 Dec 2020 17:21
Operator : SY/MD
Sample : L5185-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4S8

Quant Time: Dec 24 01:12:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62209	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	37900	3.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.40%			
7) Chloroethane-d5	1.92	69	41257	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.58	63	63179	3.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%			
20) 2-Butanone-d5	4.66	46	165677	52.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.70%			
24) Chloroform-d	5.08	84	82160	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.72	65	45773	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
32) Benzene-d6	5.74	84	152490	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.80%			
36) 1,2-Dichloropropane-d6	6.70	67	49474	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.40%			
41) Toluene-d8	7.91	98	120270	3.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.60%#			
43) trans-1,3-Dichloropropene-	8.19	79	19614	3.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.80%			
46) 2-Hexanone-d5	8.64	63	120414	40.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.68%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47881	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51225	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	785	0.068	ug/L	93
5) Vinyl chloride	1.61	62	519	0.041	ug/L #	1
8) Chloroethane	1.94	64	579	0.067	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	564	0.059	ug/L #	31
12) 1,1-Dichloroethene	2.58	96	546	0.058	ug/L #	1
13) Acetone	2.68	43	2683	1.346	ug/L	84
16) Methylene chloride	3.06	84	1792	0.158	ug/L	80
33) Benzene	5.79	78	2951	0.069	ug/L	100
35) Methylcyclohexane	6.70	83	12064	0.695	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	5047	0.462	ug/L #	88
42) Toluene	7.97	91	18611	0.422	ug/L	88
44) trans-1,3-Dichloropropene	8.18	75	778	0.054	ug/L	84
47) Tetrachloroethene	8.56	164	722	0.096	ug/L #	73
48) 2-Hexanone	8.69	43	3583	0.633	ug/L #	48
52) Ethylbenzene	9.57	91	4359	0.093	ug/L	98
53) m,p-Xylene	9.69	106	4759	0.272	ug/L	96
54) o-Xylene	10.10	106	2317	0.135	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122320\
Data File : VU041787.D
Acq On : 23 Dec 2020 17:21
Operator : SY/MD
Sample : L5185-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4S8

Quant Time: Dec 24 01:12:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) Styrene	10.12	104	1636	0.055	ug/L		91
56) Isopropylbenzene	10.48	105	1235	0.027	ug/L		93
59) 1,2,3-Trichloropropane	11.81	75	6970	0.849	ug/L		99
63) 1,4-Dichlorobenzene	11.83	146	1335	0.070	ug/L	#	72
65) 1,2-Dichlorobenzene	12.20	146	1050	0.056	ug/L	#	76
66) 1,2-Dibromo-3-chloropropan	13.21	75	192	0.110	ug/L	#	8
67) 1,3,5-Trichlorobenzene	13.21	180	990	0.069	ug/L		97
68) 1,2,4-trichlorobenzene	13.83	180	1246	0.103	ug/L	#	93
69) Naphthalene	14.08	128	3689	0.147	ug/L	#	90
70) 1,2,3-Trichlorobenzene	14.32	180	1492	0.129	ug/L	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122320\
Data File : VU041787.D
Acq On : 23 Dec 2020 17:21
Operator : SY/MD
Sample : L5185-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
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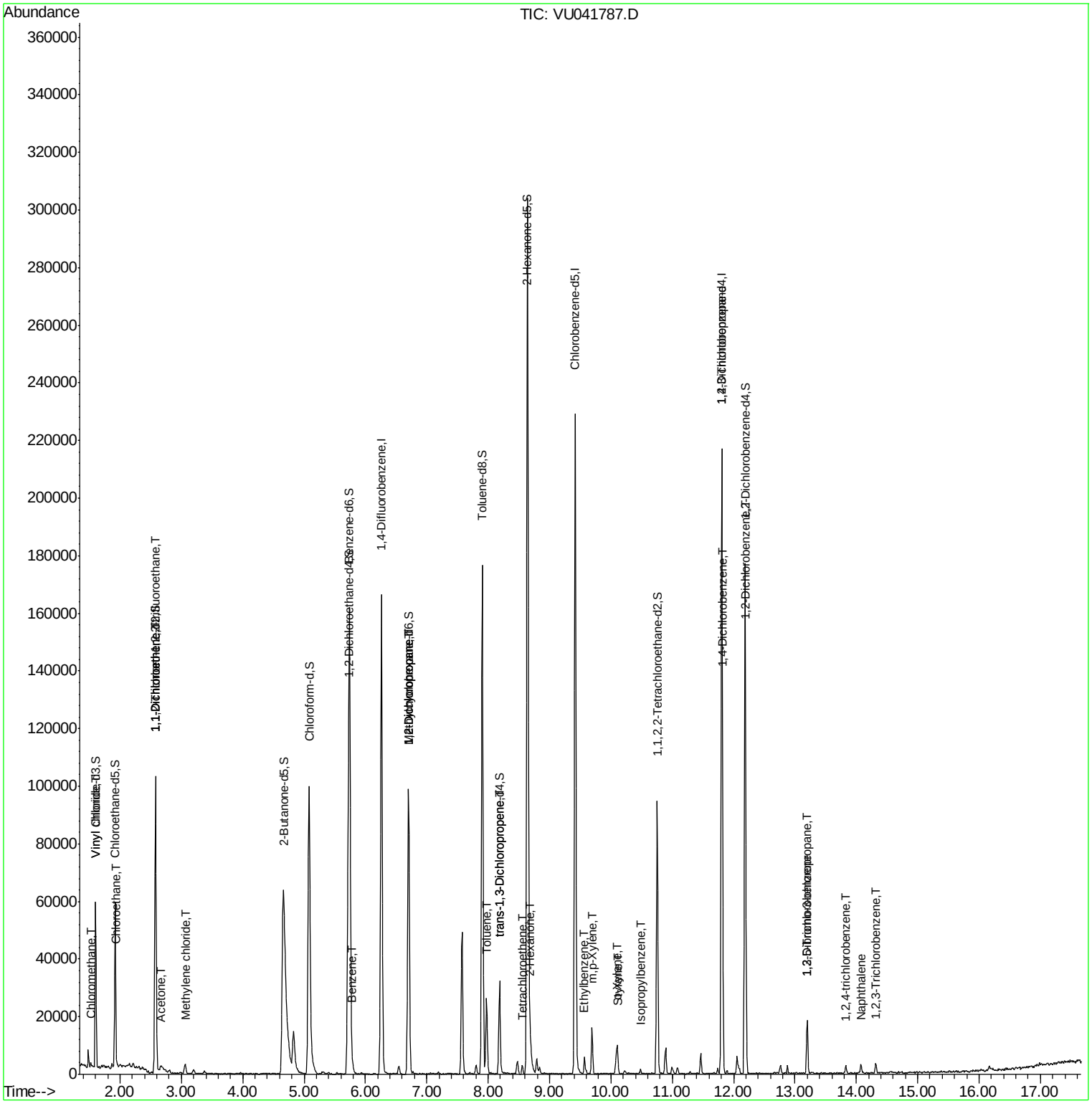
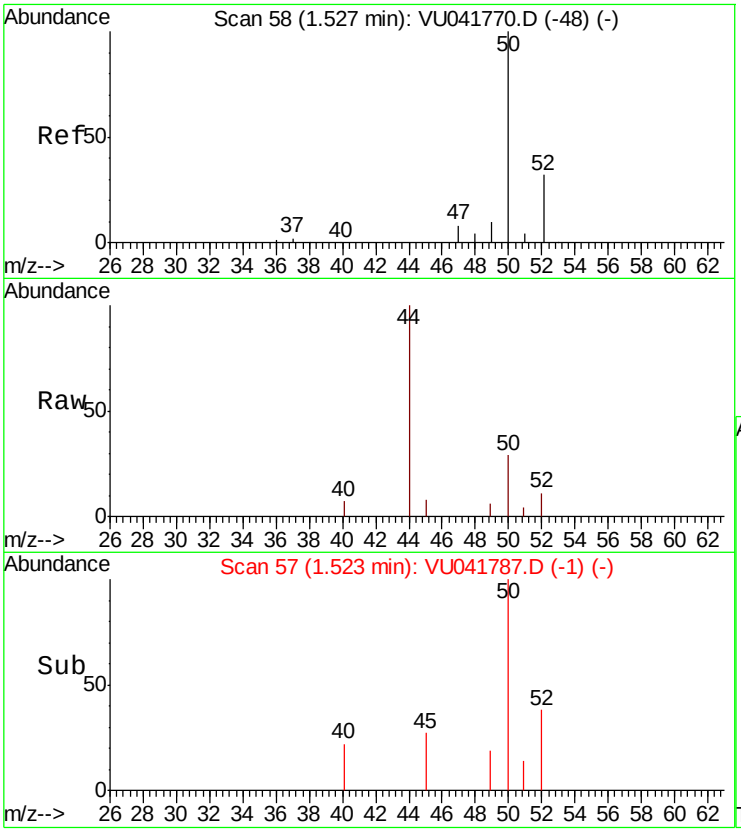
Quant Time: Dec 24 01:12:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration



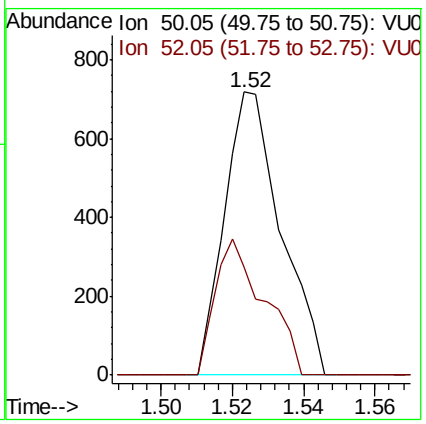


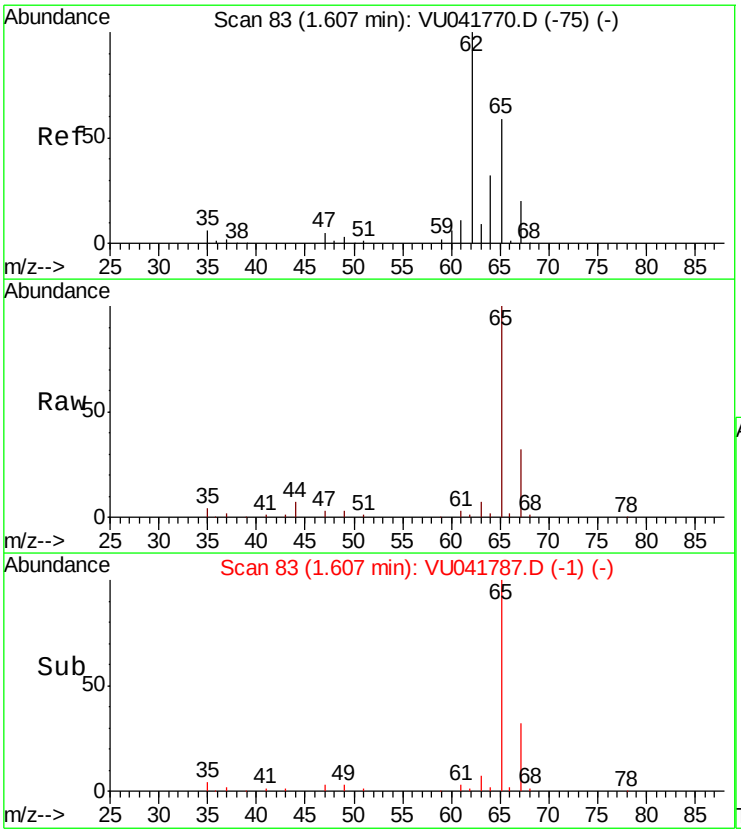
#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument :
MSVOA_U
ClientSampleId :
BG4S8

Tgt Ion: 50 Resp: 785

Ion	Ratio	Lower	Upper
50	100		
52	38.3	24.1	44.8

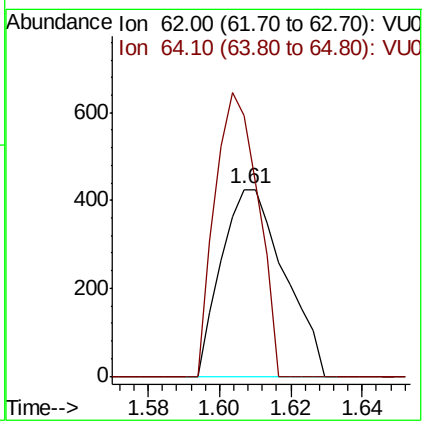


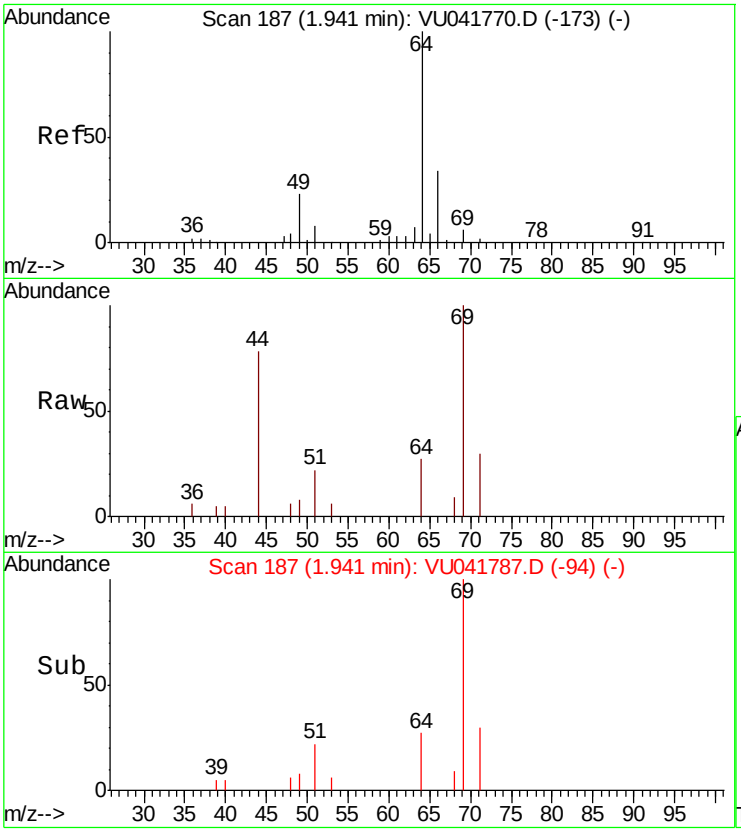


#5
Vinyl chloride
Concen: 0.041 ug/L
RT: 1.61 min Scan# 83
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 62 Resp: 519

Ion	Ratio	Lower	Upper
62	100		
64	139.5	22.5	41.7#



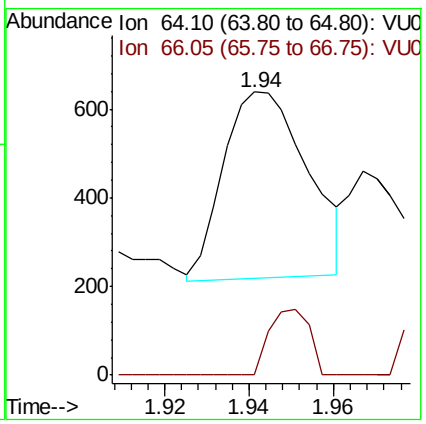


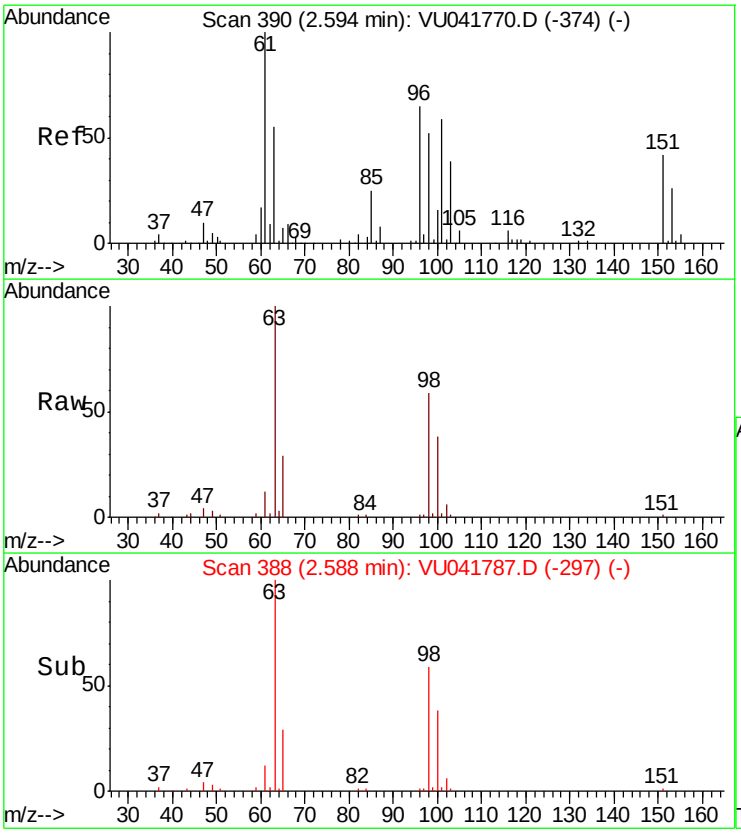
#8
Chloroethane
Concen: 0.067 ug/L
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument : MSVOA_U
ClientSampleId : BG4S8

Tgt Ion: 64 Resp: 579

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.6	40.0#

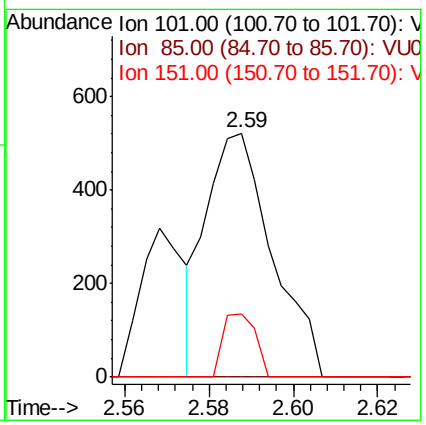


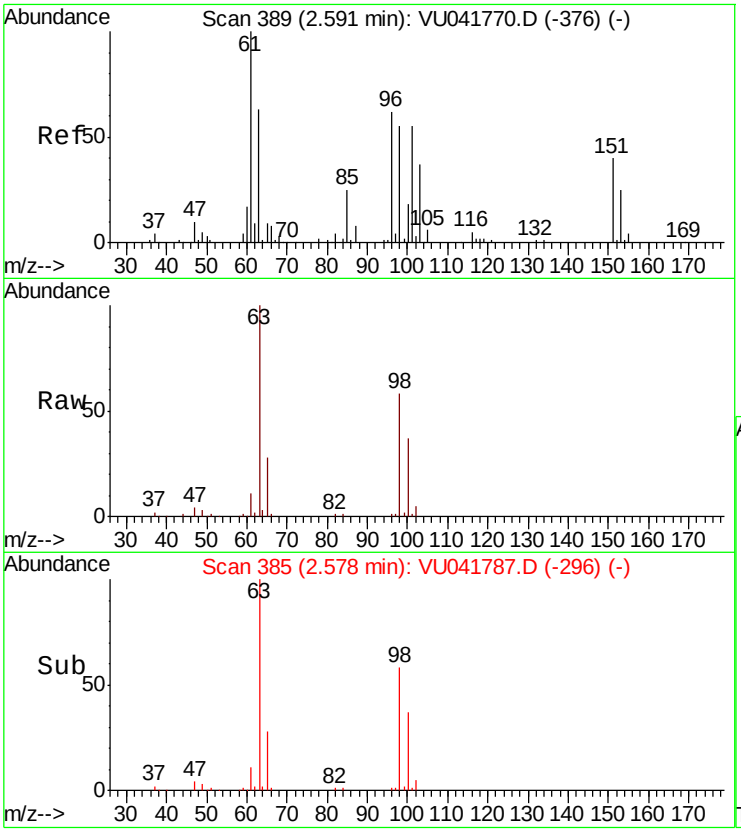


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion:101 Resp: 564

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	12.8	56.2	84.4#



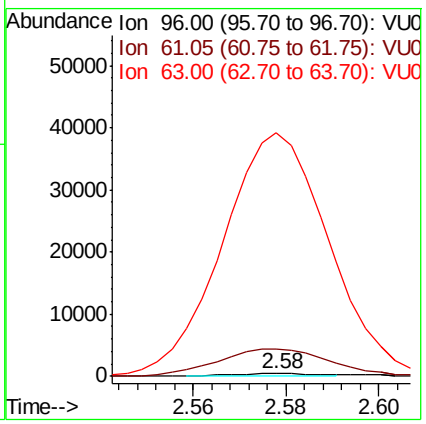


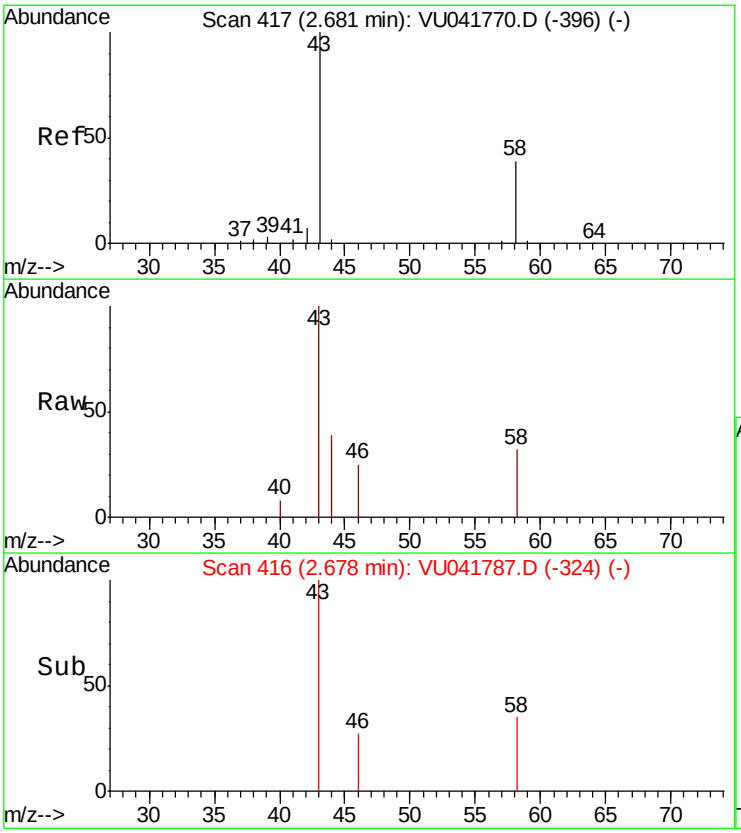
#12
1,1-Dichloroethene
Concen: 0.058 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument : MSVOA_U
ClientSampleId : BG4S8

Tgt Ion: 96 Resp: 546

Ion	Ratio	Lower	Upper
96	100		
61	976.8	123.8	230.0#
63	8669.0	81.0	150.4#

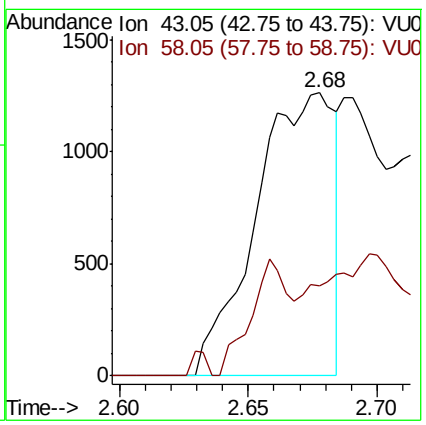


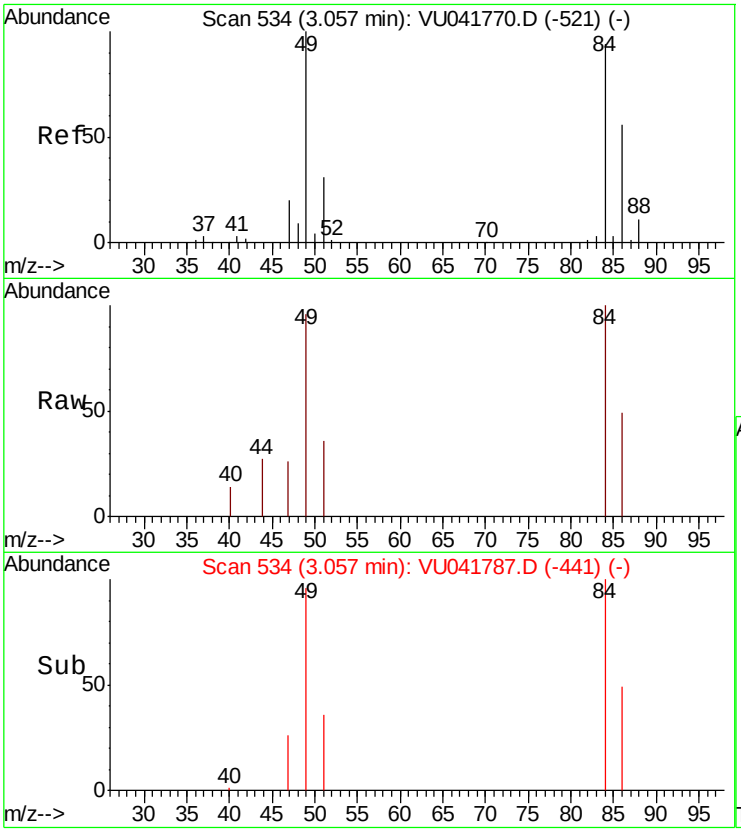


#13
Acetone
Concen: 1.346 ug/L
RT: 2.68 min Scan# 416
Delta R.T. -0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 43 Resp: 2683

Ion	Ratio	Lower	Upper
43	100		
58	27.2	0.0	73.2



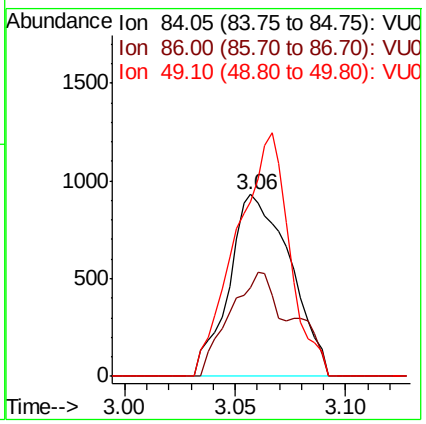


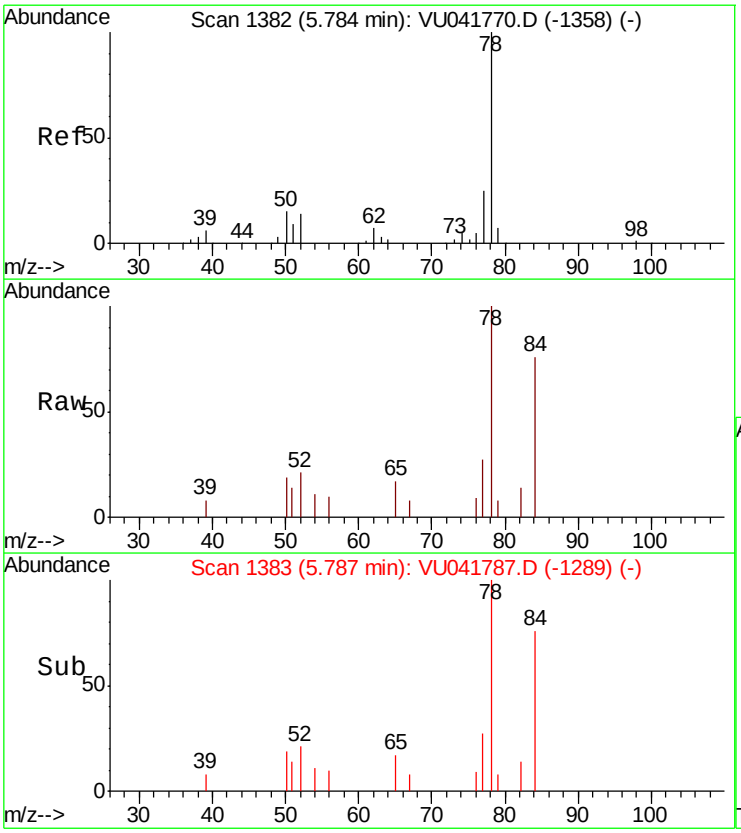
#16
Methylene chloride
Concen: 0.158 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument : MSVOA_U
ClientSampleId : BG4S8

Tgt Ion: 84 Resp: 1792

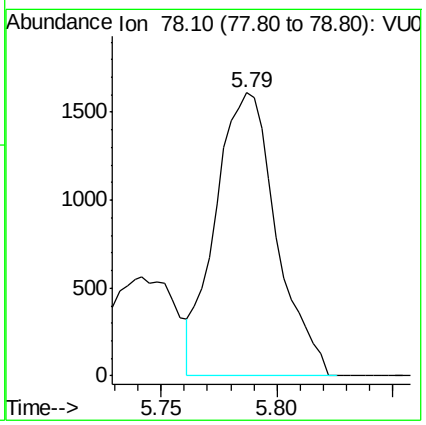
Ion	Ratio	Lower	Upper
84	100		
86	48.5	45.1	83.7
49	96.0	83.1	154.3

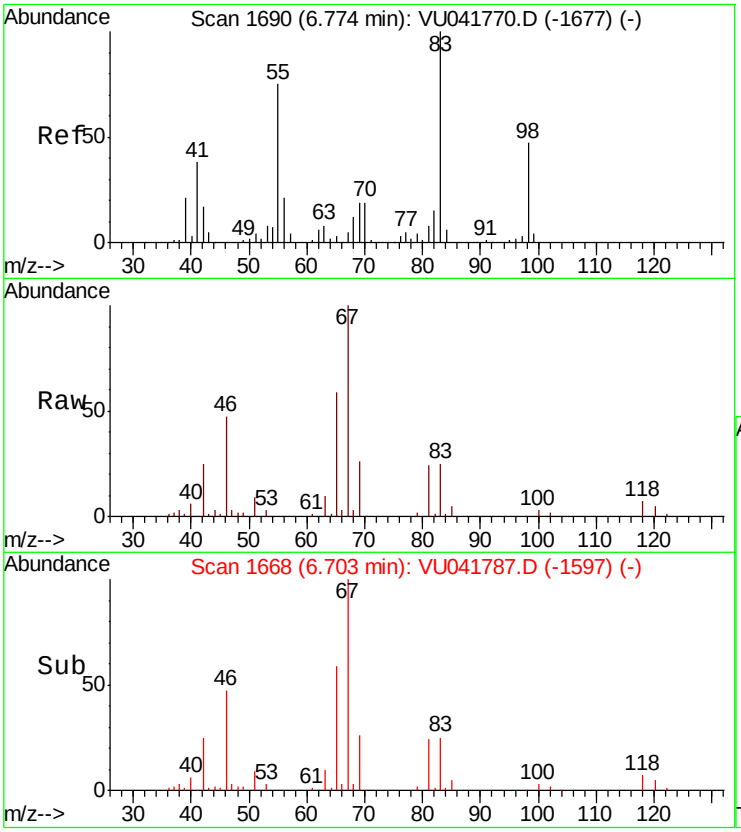




#33
Benzene
Concen: 0.069 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 78 Resp: 2951



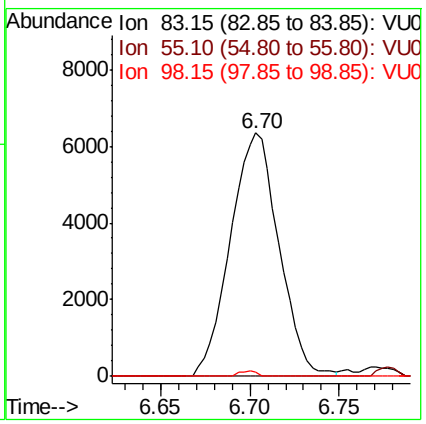


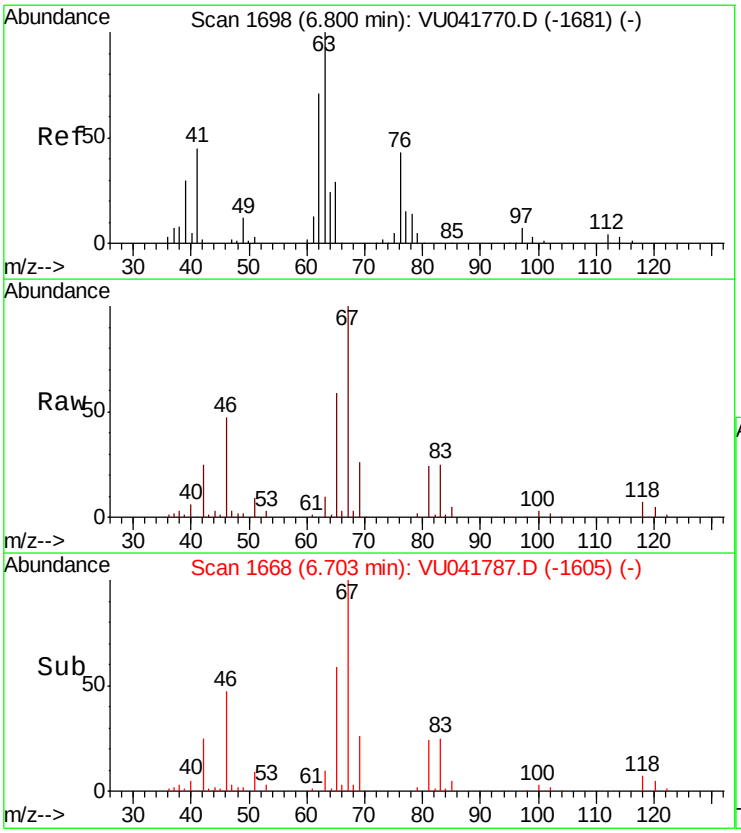
#35
Methylcyclohexane
Concen: 0.695 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument : MSVOA_U
ClientSampleId : BG4S8

Tgt Ion: 83 Resp: 12064

Ion	Ratio	Lower	Upper
83	100		
55	1.4	61.2	91.8#
98	0.8	36.6	54.8#

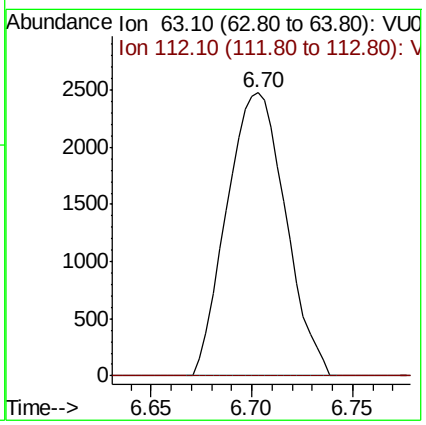


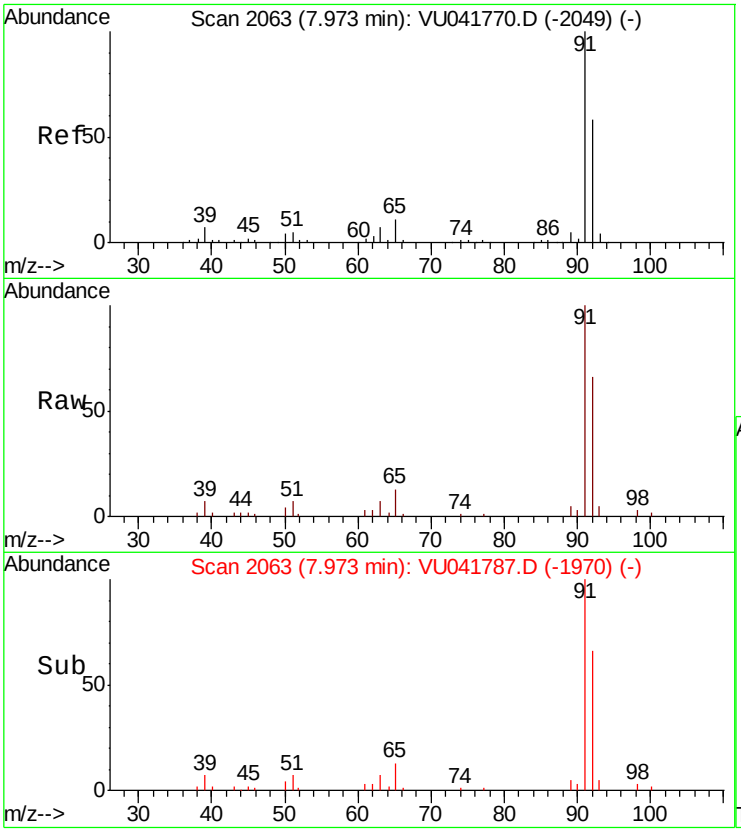


#37
1,2-Dichloropropane
Concen: 0.462 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 63 Resp: 5047

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



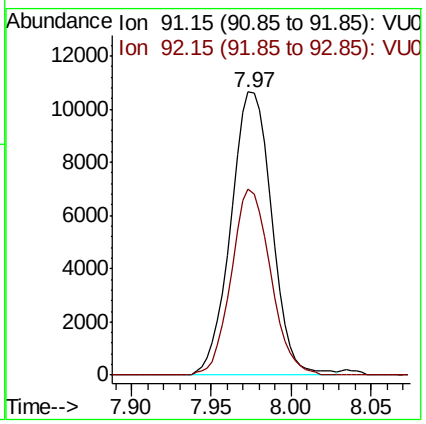


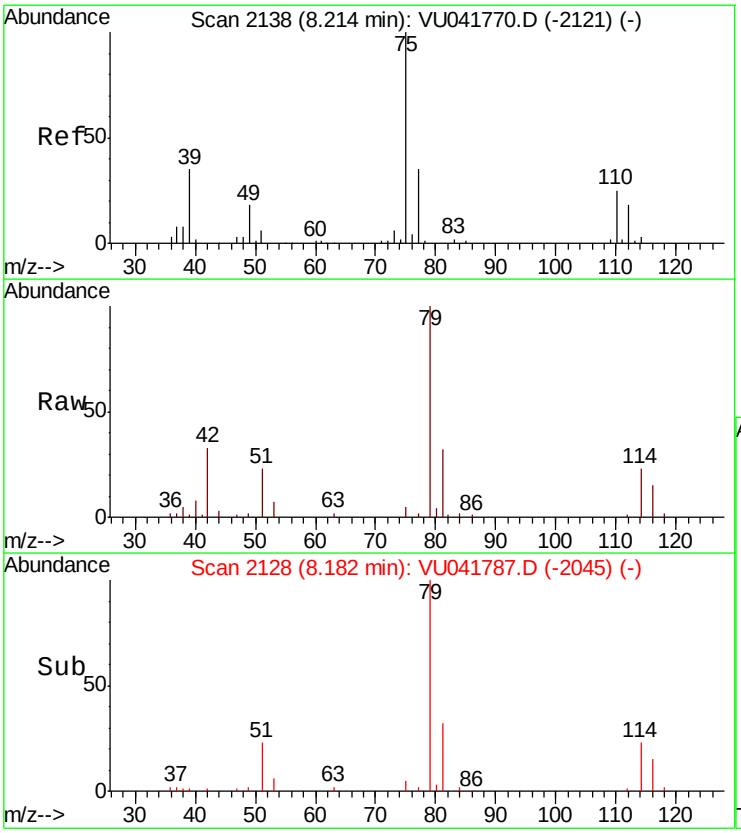
#42
Toluene
Concen: 0.422 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument :
MSVOA_U
ClientSampleId :
BG4S8

Tgt Ion: 91 Resp: 18611

Ion	Ratio	Lower	Upper
91	100		
92	65.9	40.0	74.2

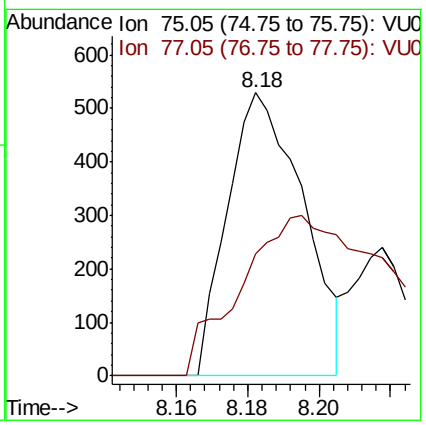


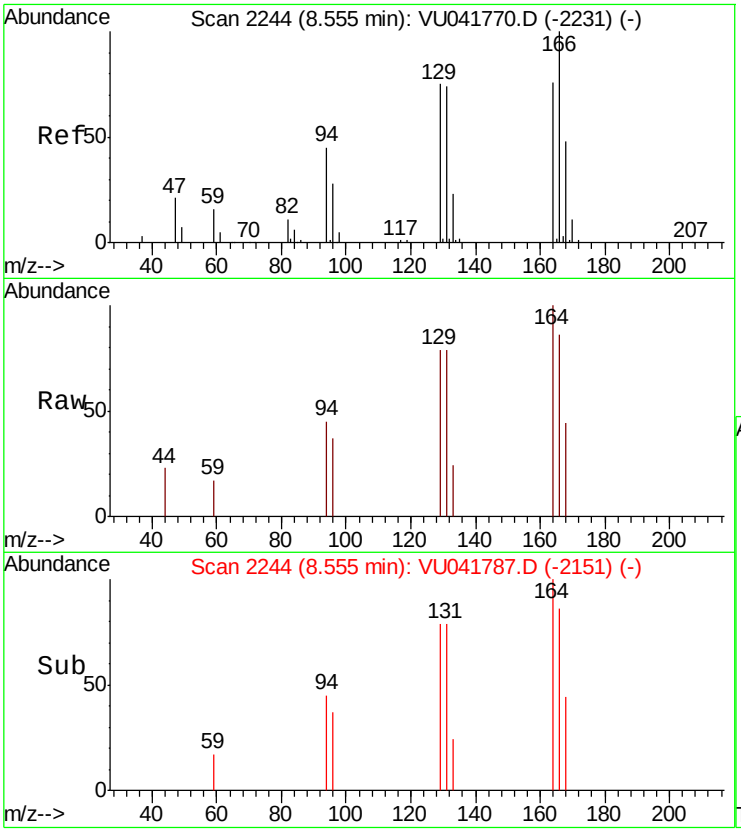


#44
trans-1,3-Dichloropropene
Concen: 0.054 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 75 Resp: 778

Ion	Ratio	Lower	Upper
75	100		
77	43.3	23.8	44.2



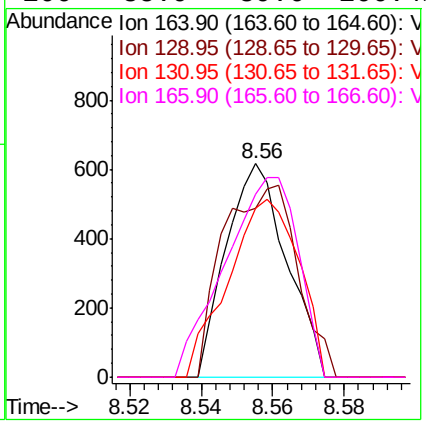


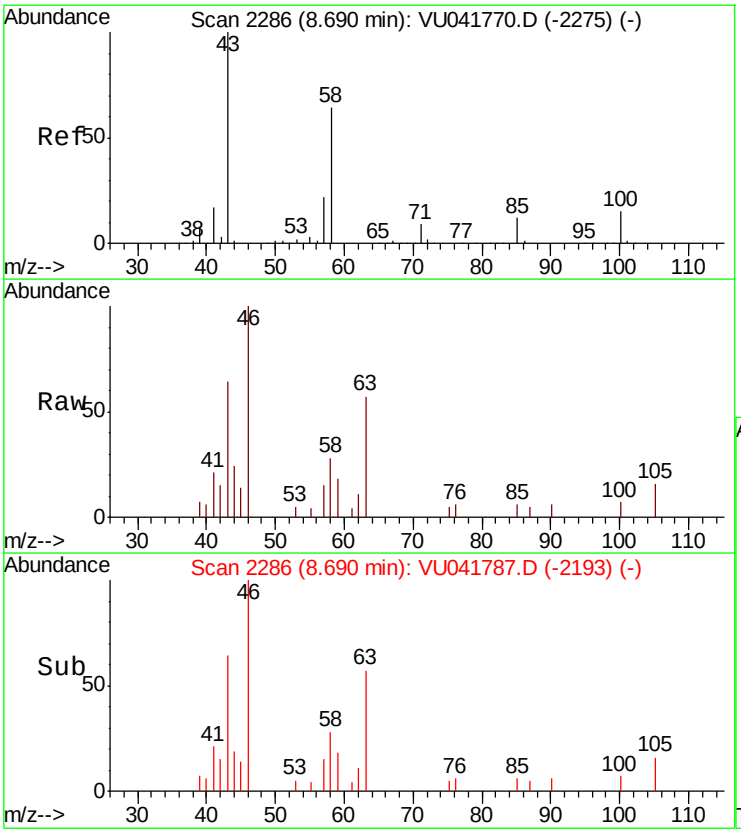
#47
Tetrachloroethene
Concen: 0.096 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument :
MSVOA_U
ClientSampleId :
BG4S8

Tgt Ion:164 Resp: 722

Ion	Ratio	Lower	Upper
164	100		
129	78.9	72.2	134.0
131	78.8	66.9	124.3
166	85.9	89.6	166.4#

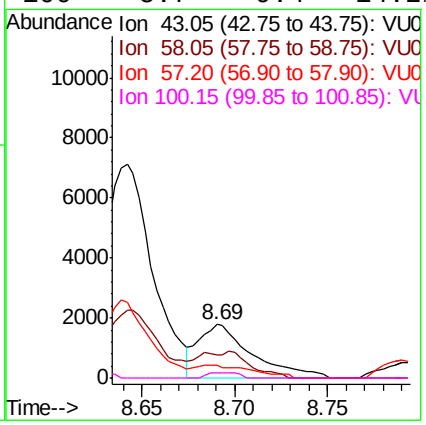


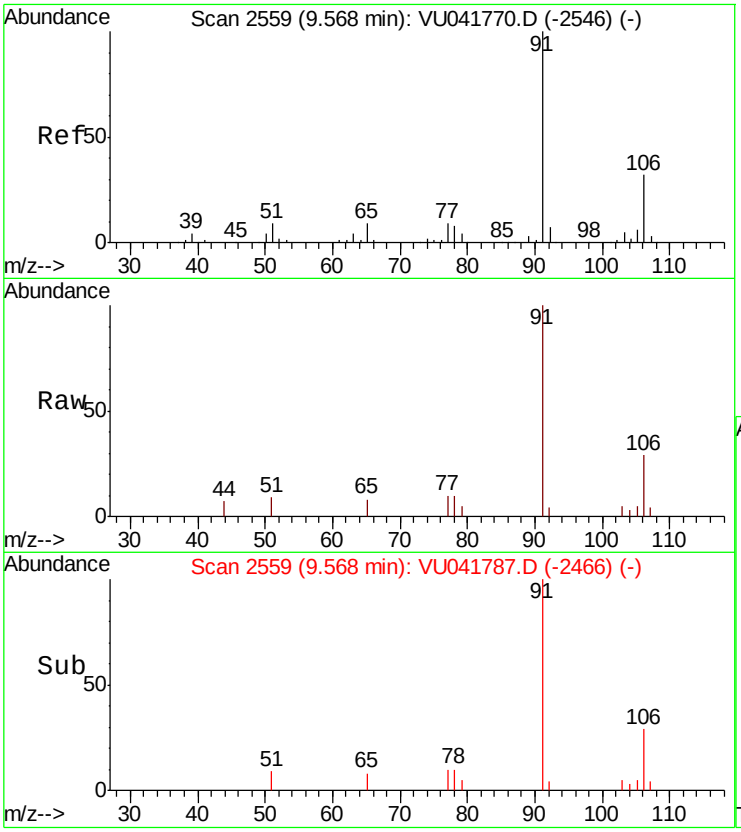


#48
2-Hexanone
Concen: 0.633 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 43 Resp: 3583

Ion	Ratio	Lower	Upper
43	100		
58	5.0	47.9	71.9#
57	25.8	16.5	24.7#
100	5.7	9.4	14.2#



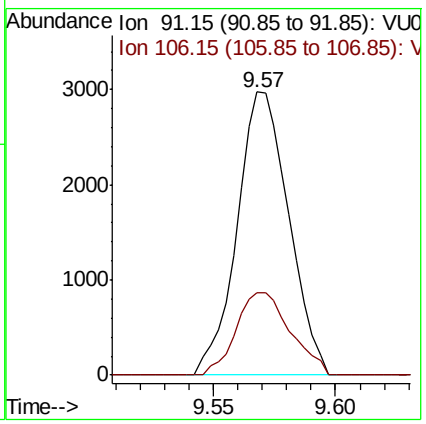


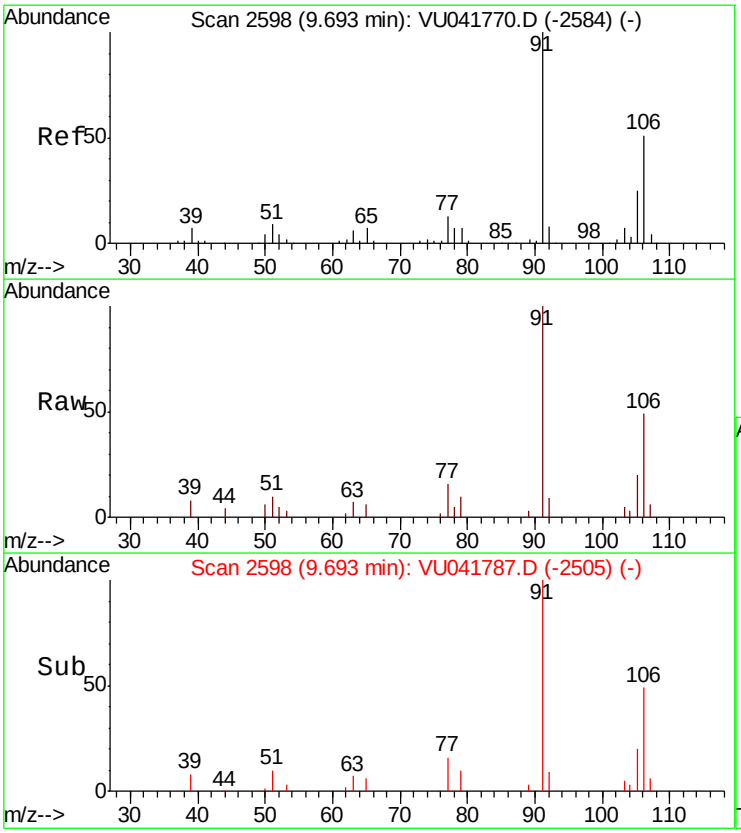
#52
Ethylbenzene
Concen: 0.093 ug/L
RT: 9.57 min Scan# 2559
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument : MSVOA_U
ClientSampleId : BG4S8

Tgt Ion: 91 Resp: 4359

Ion	Ratio	Lower	Upper
91	100		
106	29.1	21.1	39.3

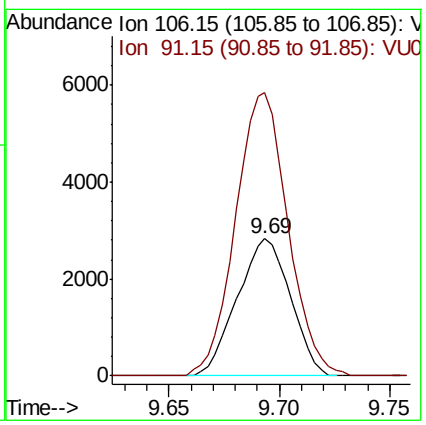


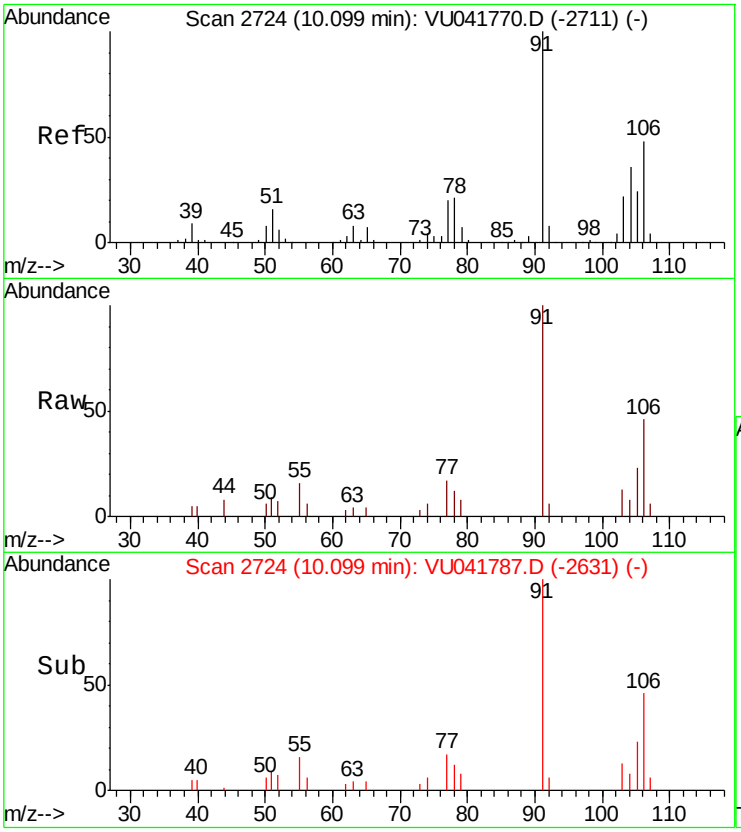


#53
m,p-Xylene
Concen: 0.272 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion:106 Resp: 4759

Ion	Ratio	Lower	Upper
106	100		
91	206.2	140.4	260.8



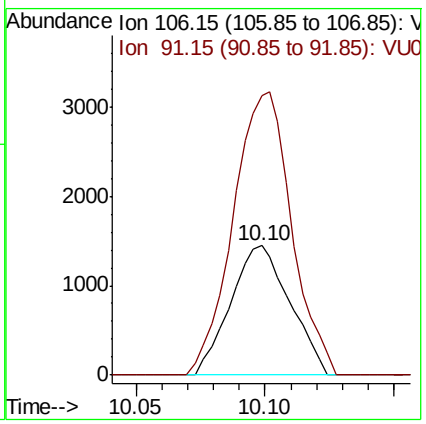


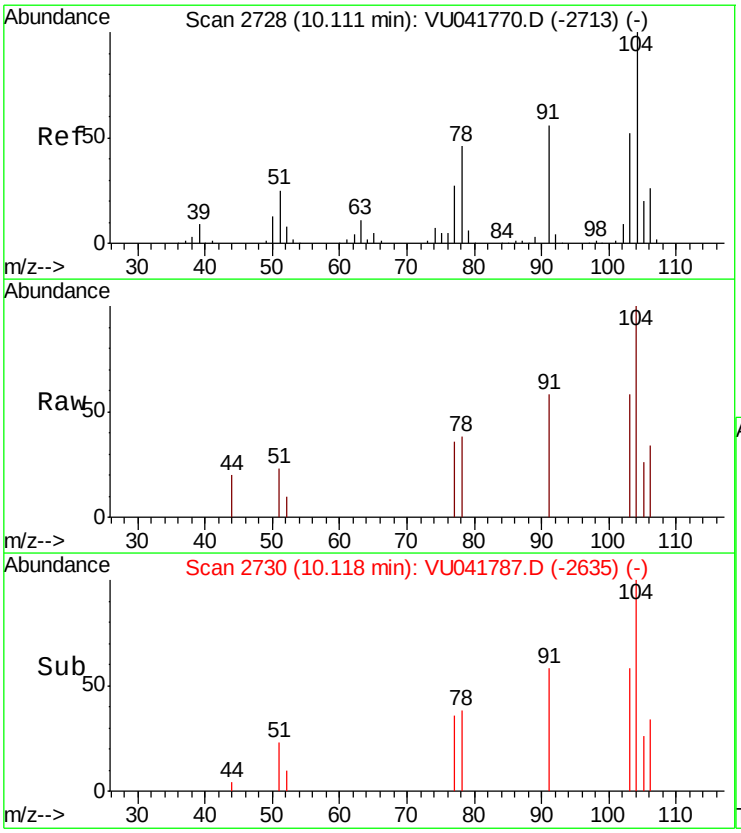
#54
o-Xylene
Concen: 0.135 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument :
MSVOA_U
ClientSampleId :
BG4S8

Tgt Ion:106 Resp: 2317

Ion	Ratio	Lower	Upper
106	100		
91	216.1	151.3	281.1

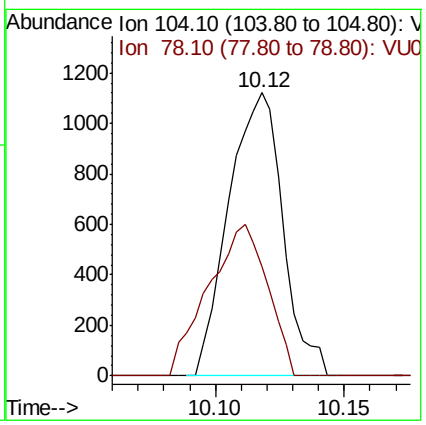


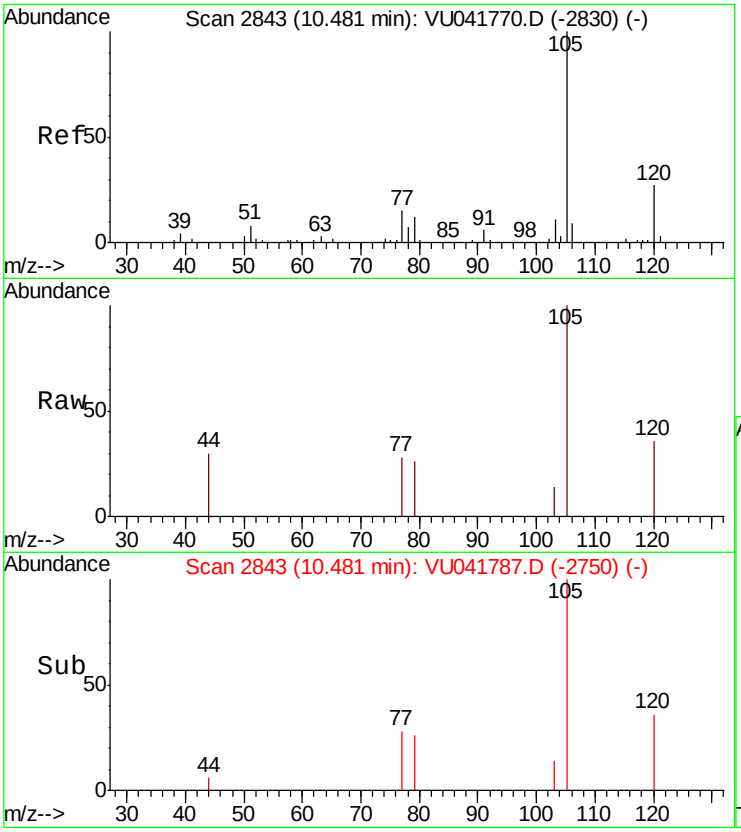


#55
Styrene
Concen: 0.055 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. 0.01 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion:104 Resp: 1636

Ion	Ratio	Lower	Upper
104	100		
78	38.4	31.1	57.9



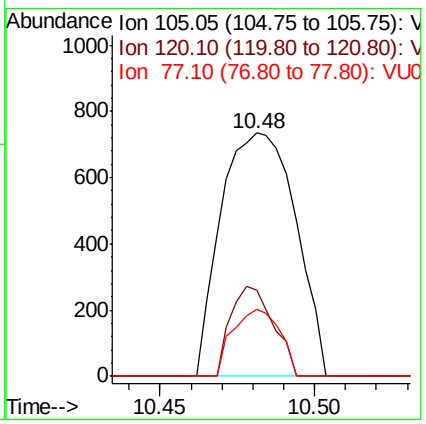


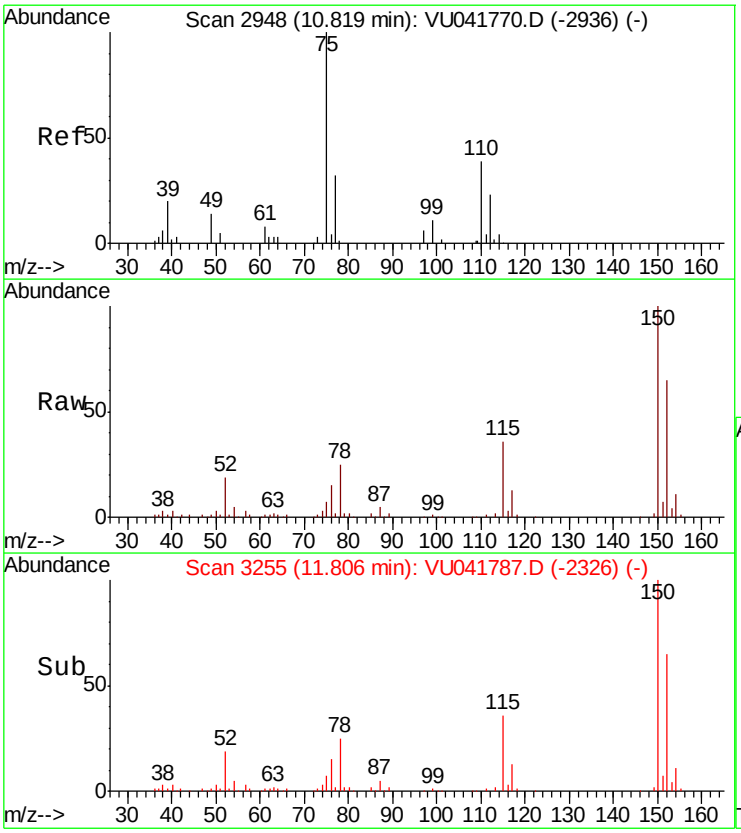
#56
Isopropylbenzene
Concen: 0.027 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument :
MSVOA_U
ClientSampleId :
BG4S8

Tgt Ion:105 Resp: 1235

Ion	Ratio	Lower	Upper
105	100		
120	21.1	20.5	30.7
77	17.3	12.7	19.1

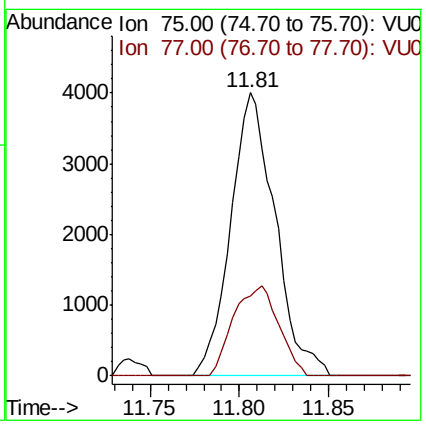


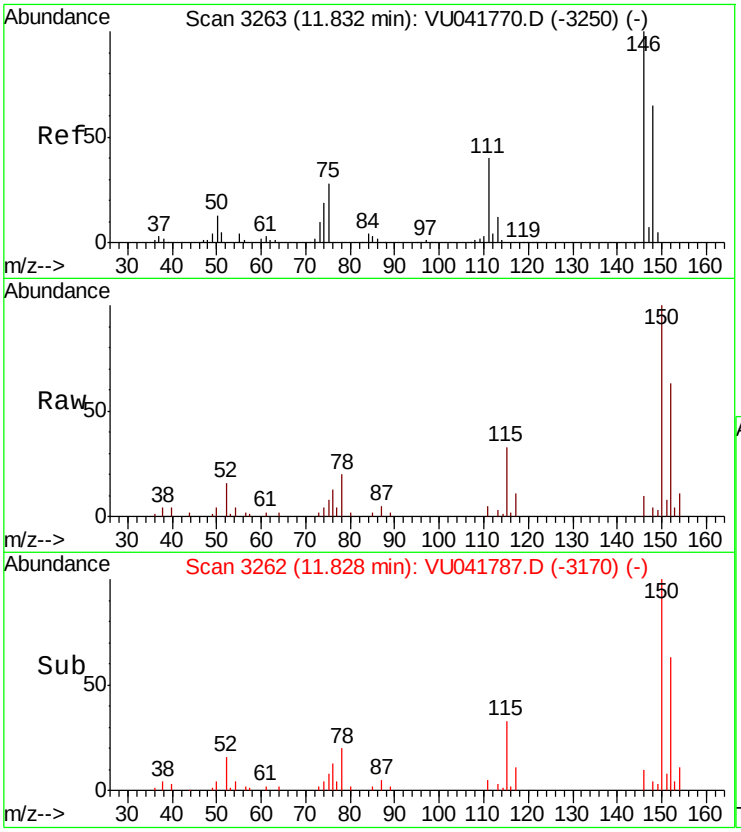


#59
1,2,3-Trichloropropane
Concen: 0.849 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 75 Resp: 6970

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.2



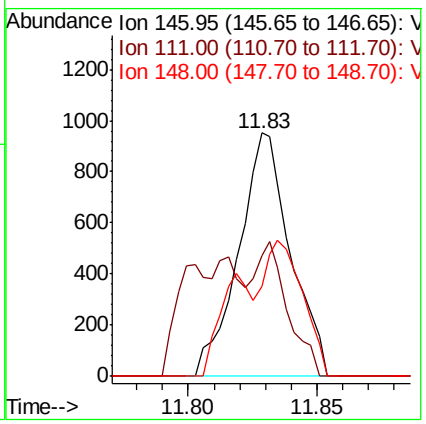


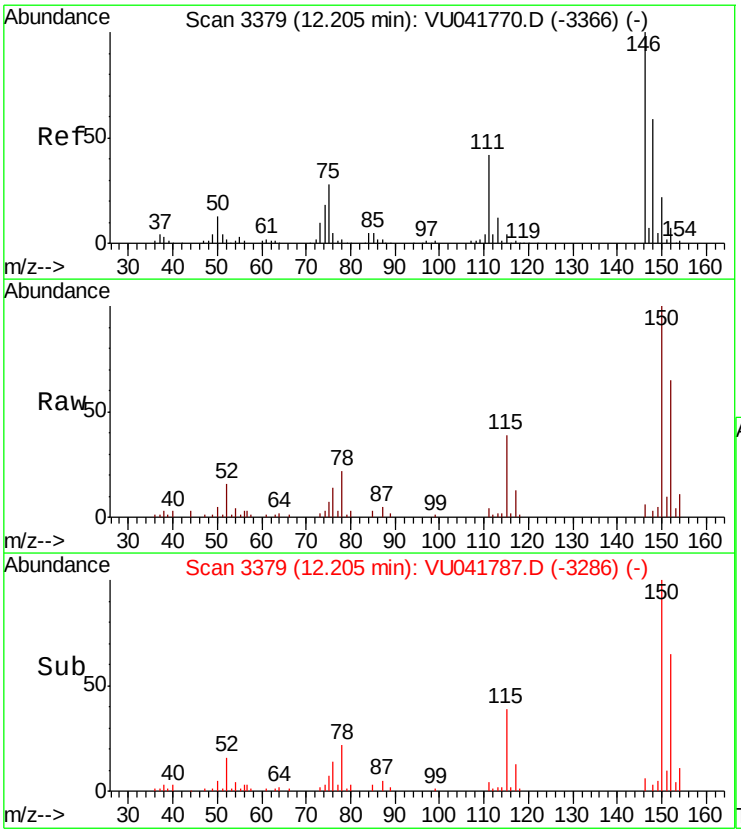
#63
1,4-Dichlorobenzene
Concen: 0.070 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. -0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument : MSVOA_U
ClientSampleId : BG4S8

Tgt Ion:146 Resp: 1335

Ion	Ratio	Lower	Upper
146	100		
111	49.6	27.9	51.9
148	37.0	45.0	83.6#

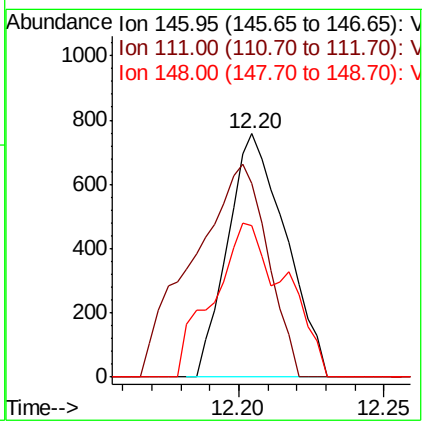


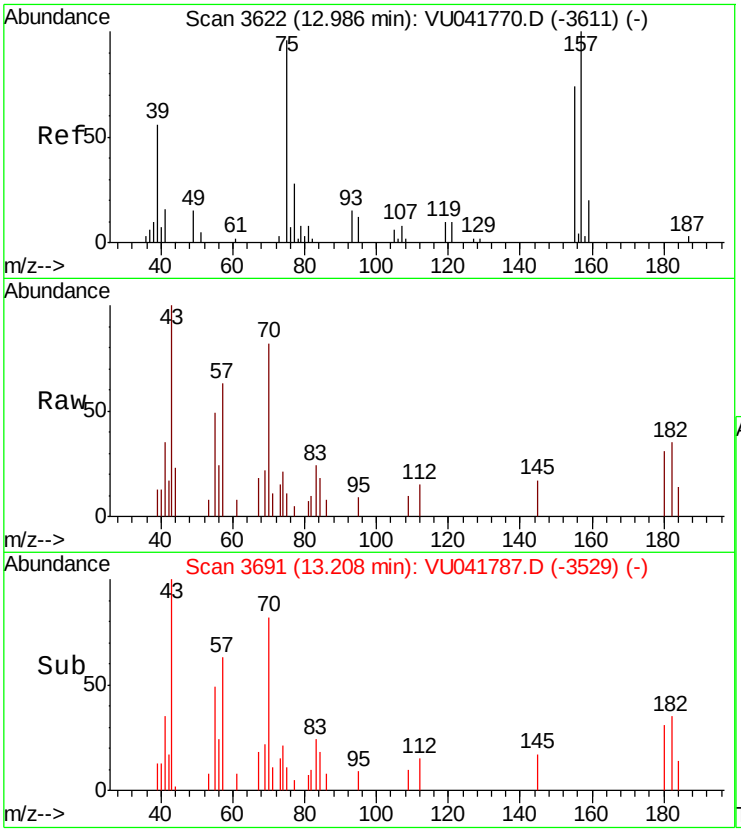


#65
1,2-Dichlorobenzene
Concen: 0.056 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion:146 Resp: 1050

Ion	Ratio	Lower	Upper
146	100		
111	79.7	35.0	52.6#
148	62.0	51.0	76.6



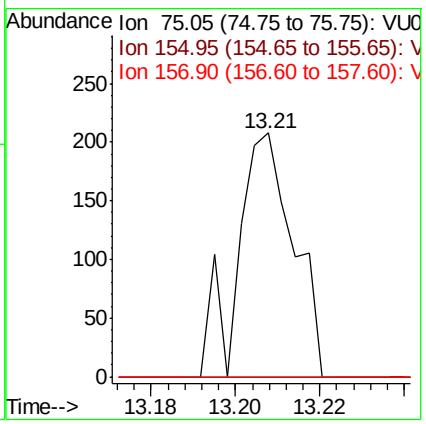


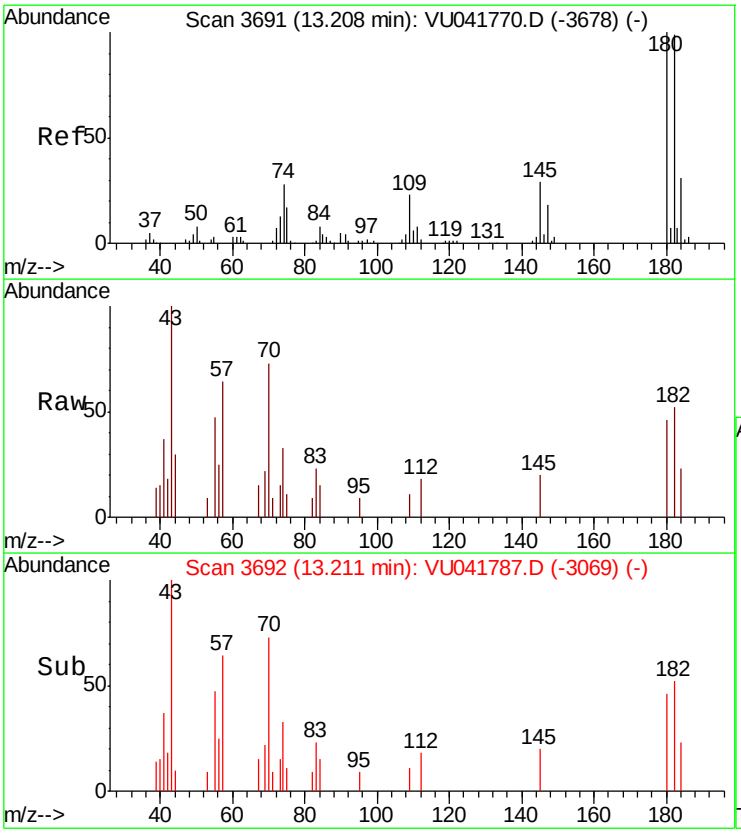
#66
1,2-Dibromo-3-chloropropane
Concen: 0.110 ug/L
RT: 13.21 min Scan# 3691
Delta R.T. 0.22 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument :
MSVOA_U
ClientSampleId :
BG4S8

Tgt Ion: 75 Resp: 192

Ion	Ratio	Lower	Upper
75	100		
155	0.0	57.4	86.0#
157	0.0	72.4	108.6#

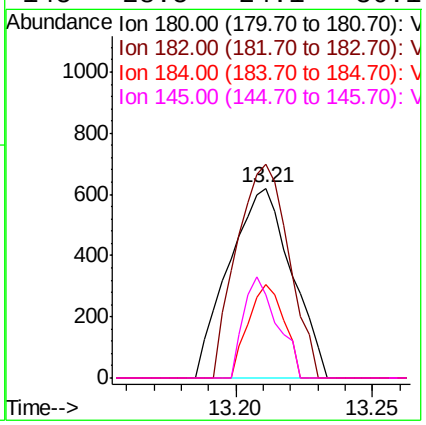


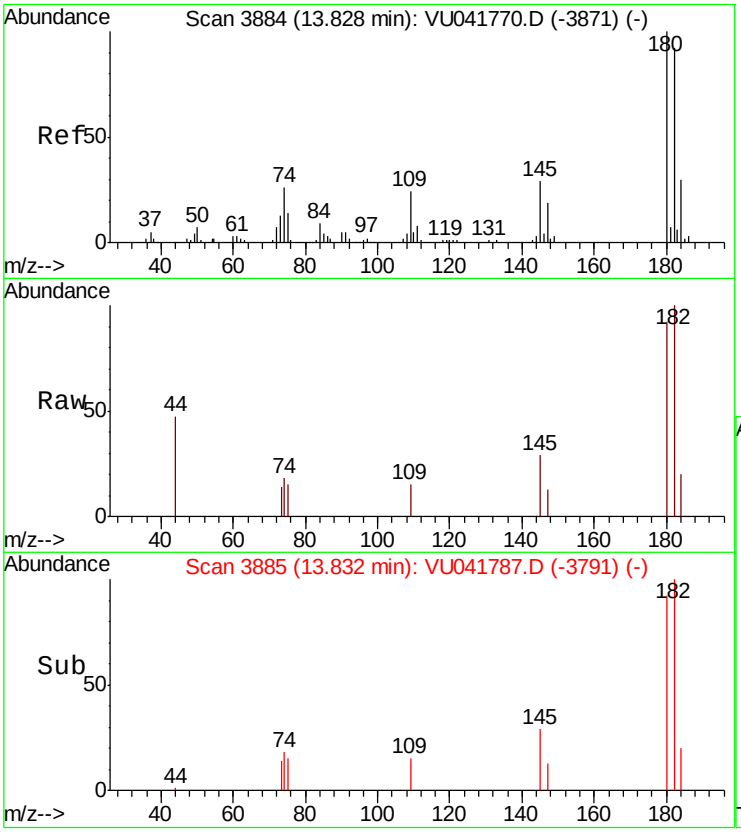


#67
1,3,5-Trichlorobenzene
Concen: 0.069 ug/L
RT: 13.21 min Scan# 3692
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion:180 Resp: 990

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.3	114.5
184	27.9	24.1	36.1
145	28.5	24.1	36.1



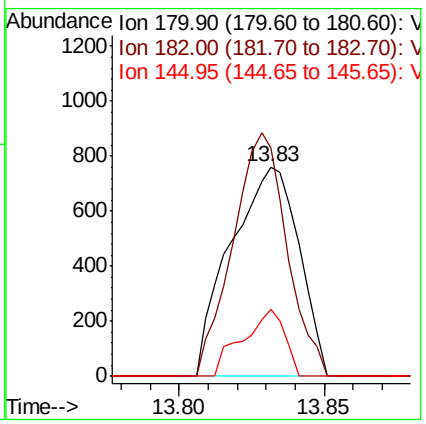


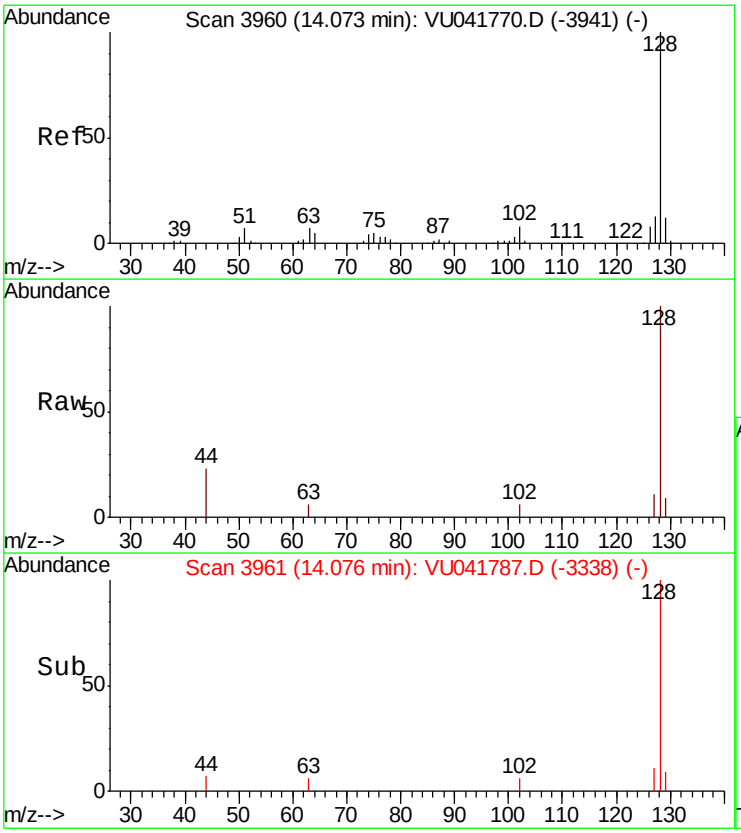
#68
1,2,4-trichlorobenzene
Concen: 0.103 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument :
MSVOA_U
ClientSampleId :
BG4S8

Tgt Ion:180 Resp: 1246

Ion	Ratio	Lower	Upper
180	100		
182	91.8	75.4	113.0
145	19.6	24.5	36.7#

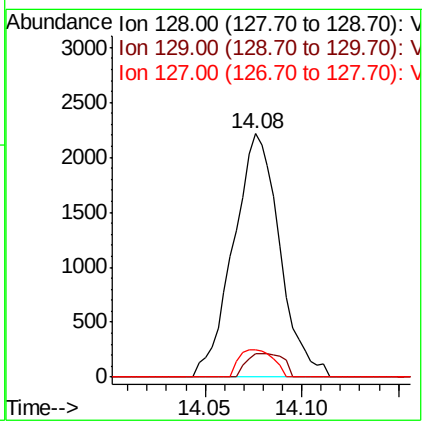


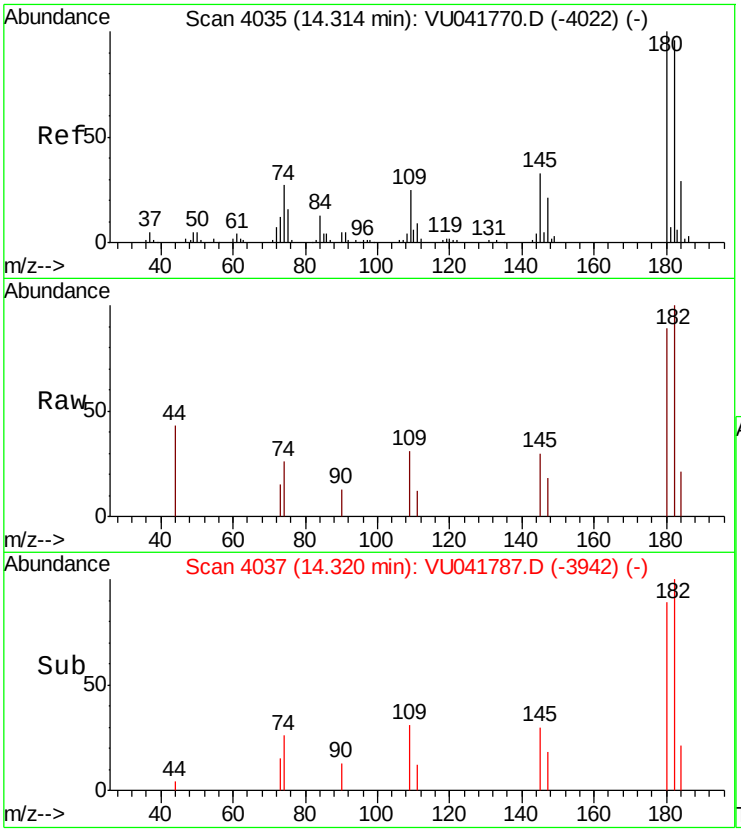


#69
Naphthalene
Concen: 0.147 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Tgt Ion:128 Resp: 3689

Ion	Ratio	Lower	Upper
128	100		
129	7.8	8.7	13.1#
127	8.4	10.2	15.4#





#70
1,2,3-Trichlorobenzene
Concen: 0.129 ug/L
RT: 14.32 min Scan# 4037
Delta R.T. 0.01 min
Lab File: VU041787.D
Acq: 23 Dec 2020 17:21

Instrument :
MSVOA_U
ClientSampleId :
BG4S8

Tgt Ion:180 Resp: 1492

Ion	Ratio	Lower	Upper
180	100		
182	99.9	77.0	115.4
145	23.5	26.4	39.6#