Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040884.D
Acq On : 21 Oct 2020 19:50
Operator : SY/MD
Sample : L4428-17MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ50MS

Quant Time: Oct 22 00:52:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	224914	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	234761	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	95321	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	74076	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.00%			
7) Chloroethane-d5	1.92	69	64850	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.58	63	157754	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.20%			
20) 2-Butanone-d5	4.65	46	355204	64.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.76%			
24) Chloroform-d	5.08	84	167313	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.72	65	103960	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%			
32) Benzene-d6	5.74	84	290944	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.70	67	104608	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.91	98	228704	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
43) trans-1,3-Dichloropropene-	8.19	79	43353	5.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.60%			
46) 2-Hexanone-d5	8.64	63	264006	62.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.60%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	100109	5.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	96711	5.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	4216	0.170	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	946	0.054	ug/L #	22
12) 1,1-Dichloroethene	2.59	96	81976	4.976	ug/L	96
13) Acetone	2.65	43	9029	2.347	ug/L	73
15) Methyl Acetate	2.95	43	1069	0.110	ug/L #	55
27) 1,2-Dichloroethane	5.80	62	4789	0.200	ug/L #	76
33) Benzene	5.79	78	384120	5.090	ug/L	100
34) Trichloroethene	6.55	95	99385	5.174	ug/L	93
35) Methylcyclohexane	6.70	83	24060	0.837	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	11928	0.585	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	2796	0.103	ug/L #	56
42) Toluene	7.98	91	381063	5.027	ug/L	96
44) trans-1,3-Dichloropropene	8.19	75	2300	0.093	ug/L	85
51) Chlorobenzene	9.45	112	259088	5.293	ug/L	99
52) Ethylbenzene	9.57	91	3687	0.045	ug/L	88
53) m,p-Xylene	9.69	106	4237	0.144	ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	13483	1.018	ug/L	89

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040884.D
Acq On : 21 Oct 2020 19:50
Operator : SY/MD
Sample : L4428-17MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Quant Time: Oct 22 00:52:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
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Acq On : 21 Oct 2020 19:50
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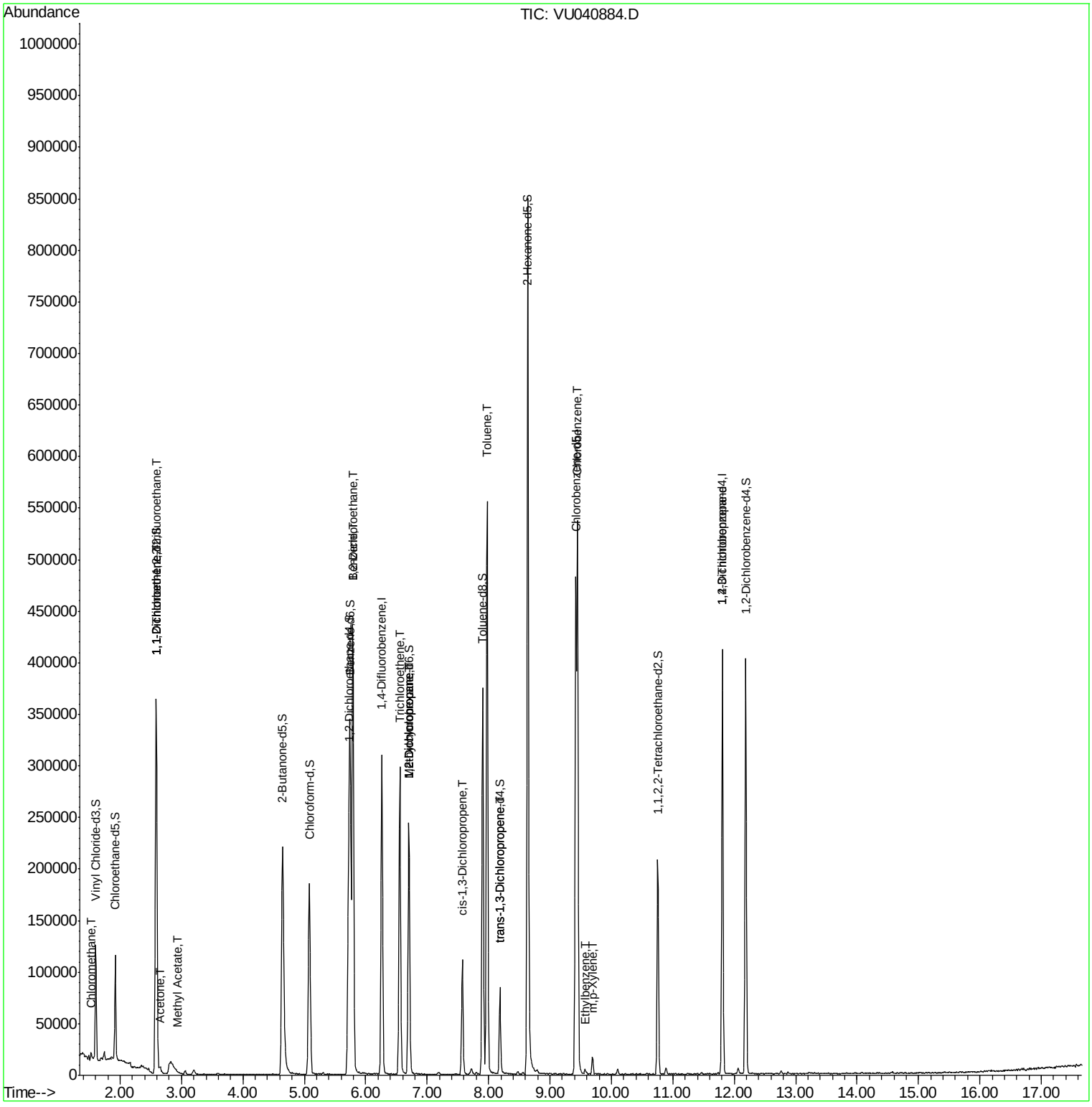
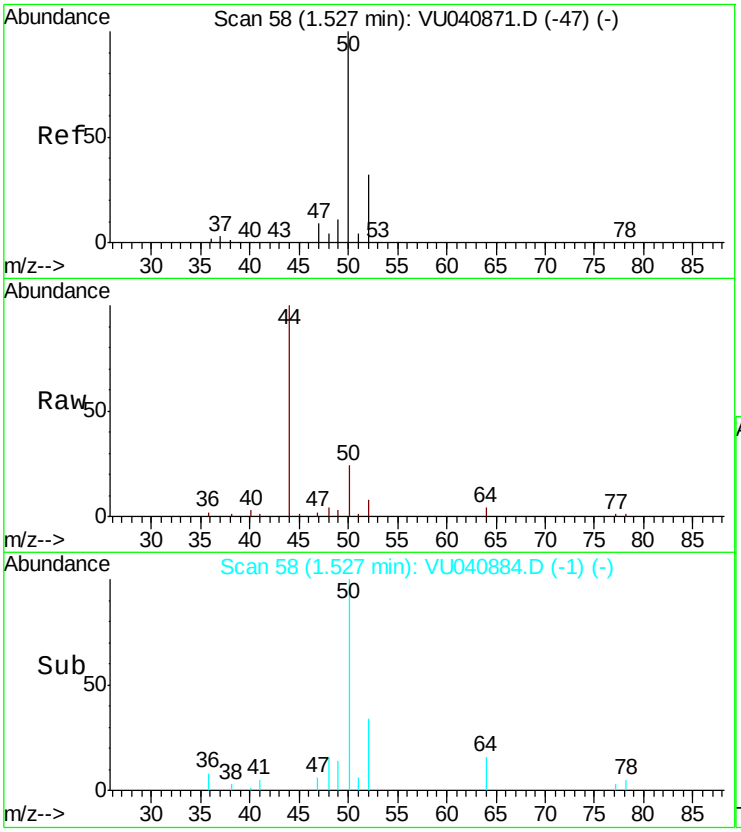
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration



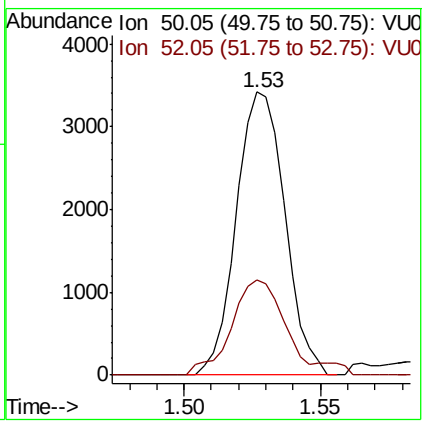


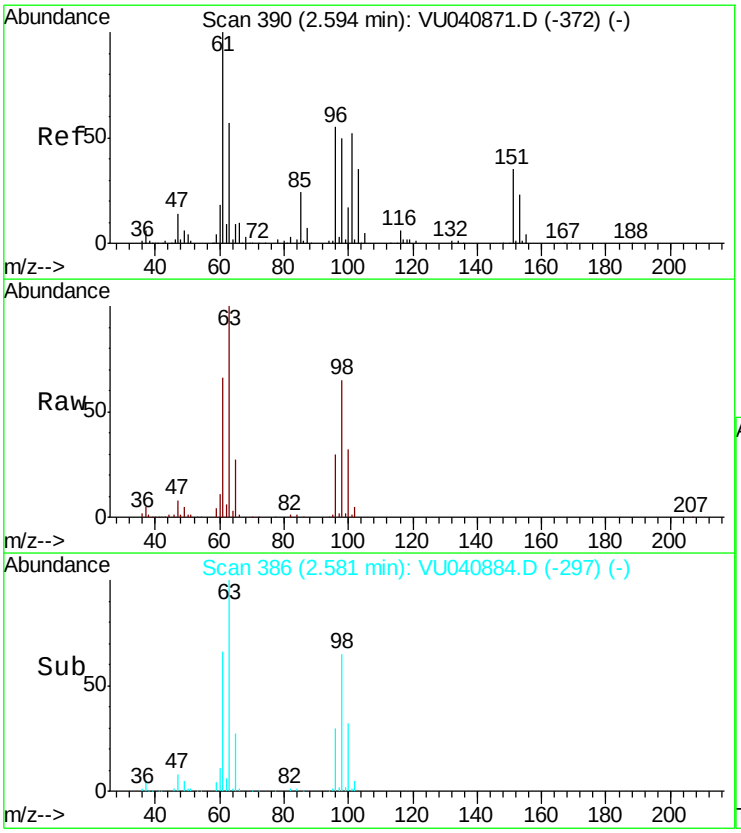
#3
Chloromethane
Concen: 0.170 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 50 Resp: 4216

Ion	Ratio	Lower	Upper
50	100		
52	33.8	21.8	40.6

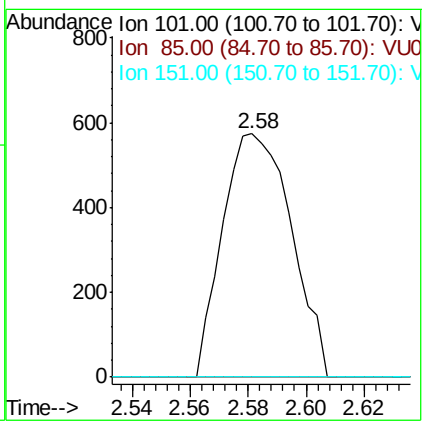


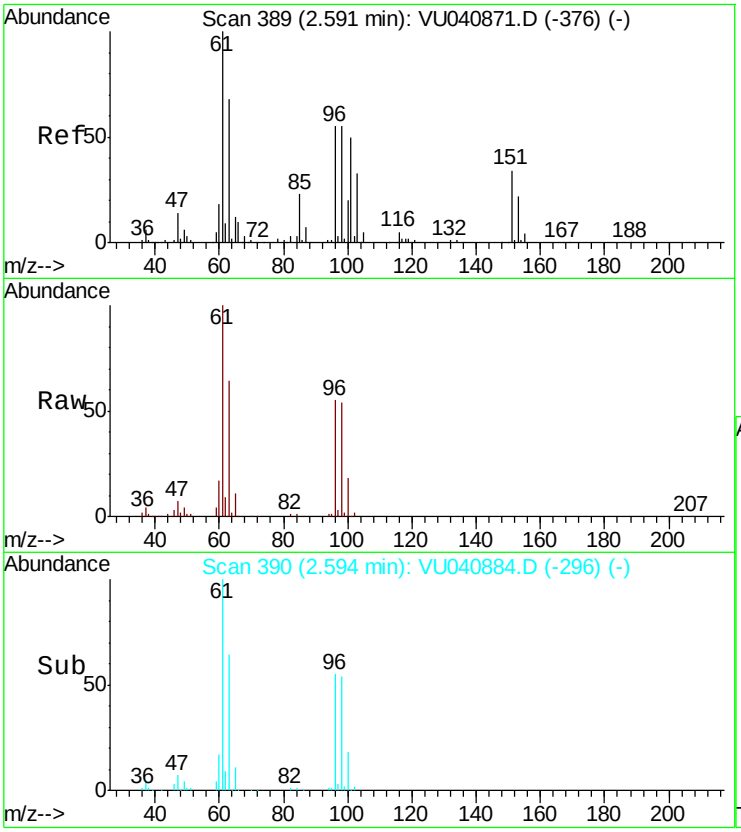


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Tgt Ion:101 Resp: 946

Ion	Ratio	Lower	Upper
101	100		
85	2.0	36.4	54.6#
151	0.0	56.3	84.5#



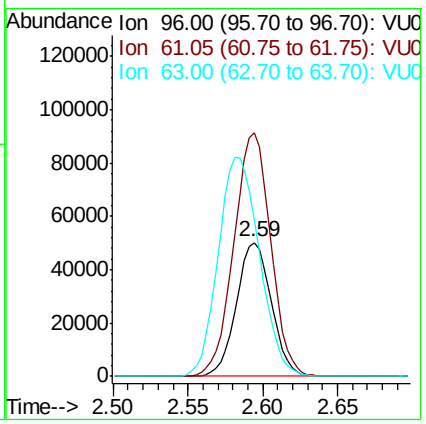


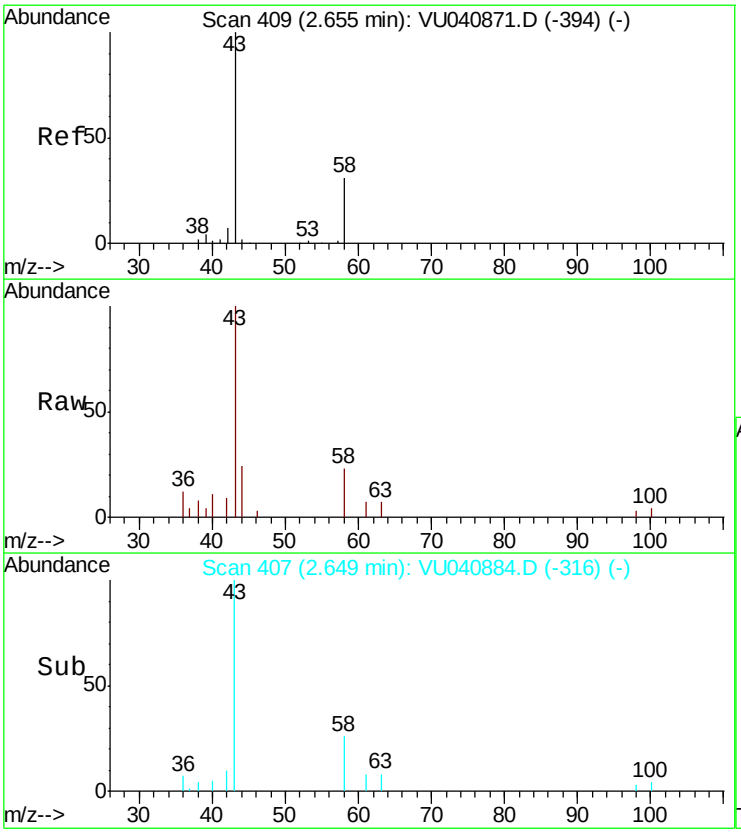
#12
1,1-Dichloroethene
Concen: 4.976 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Instrument : MSVOA_U
ClientSampleId : ETZ50MS

Tgt Ion: 96 Resp: 81976

Ion	Ratio	Lower	Upper
96	100		
61	181.5	130.9	243.1
63	117.1	85.4	158.6

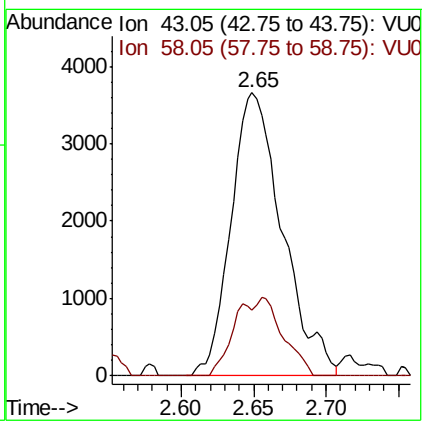


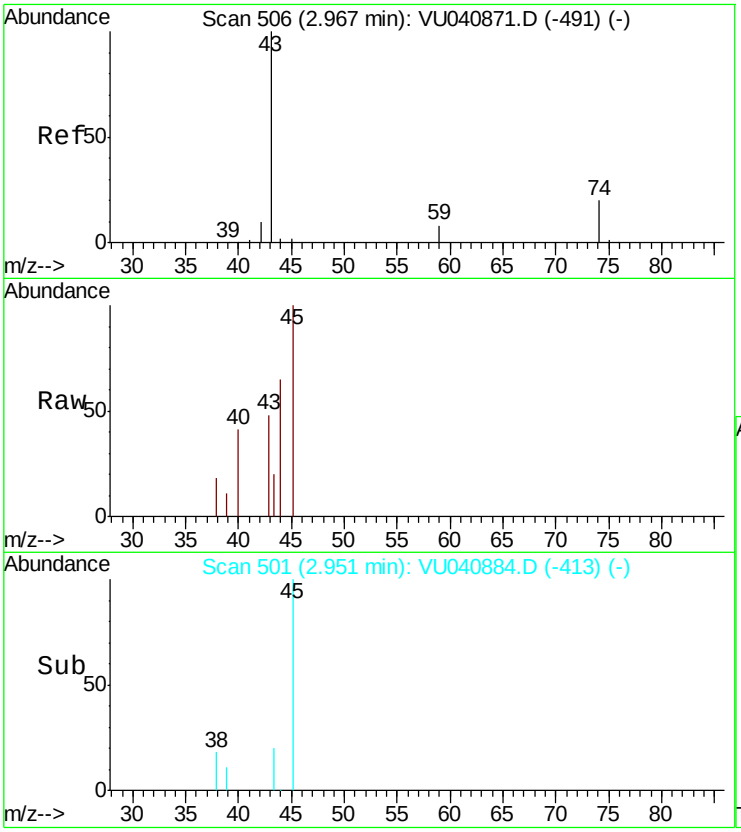


#13
Acetone
Concen: 2.347 ug/L
RT: 2.65 min Scan# 407
Delta R.T. -0.01 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Tgt Ion: 43 Resp: 9029

Ion	Ratio	Lower	Upper
43	100		
58	15.0	0.0	58.6



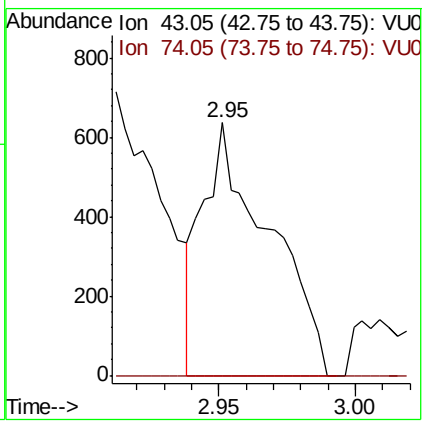


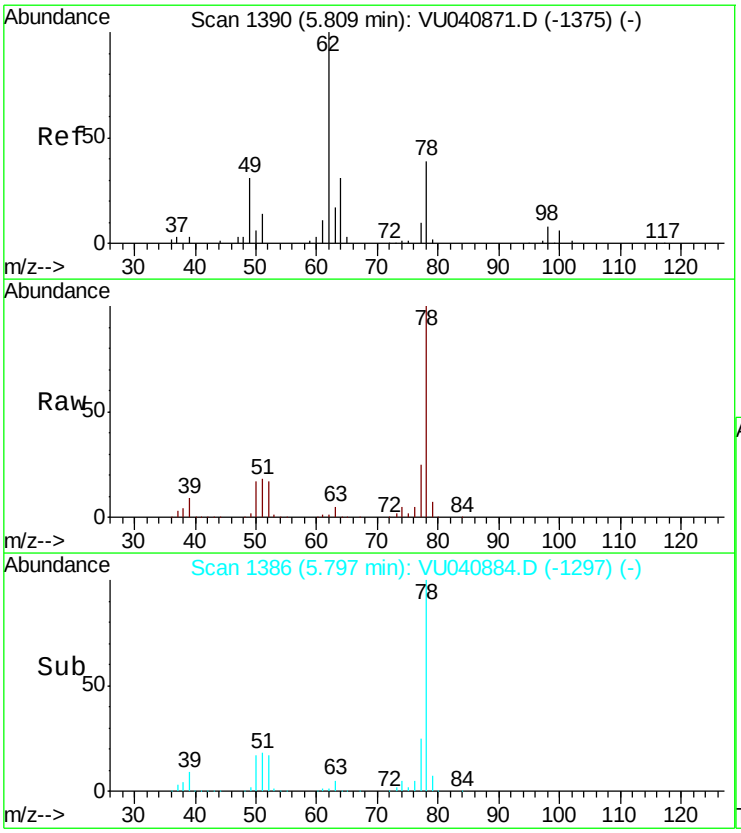
#15
Methyl Acetate
Concen: 0.110 ug/L
RT: 2.95 min Scan# 501
Delta R.T. -0.02 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 43 Resp: 1069

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	25.0#

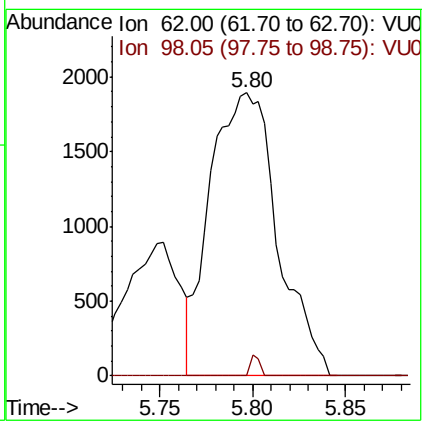


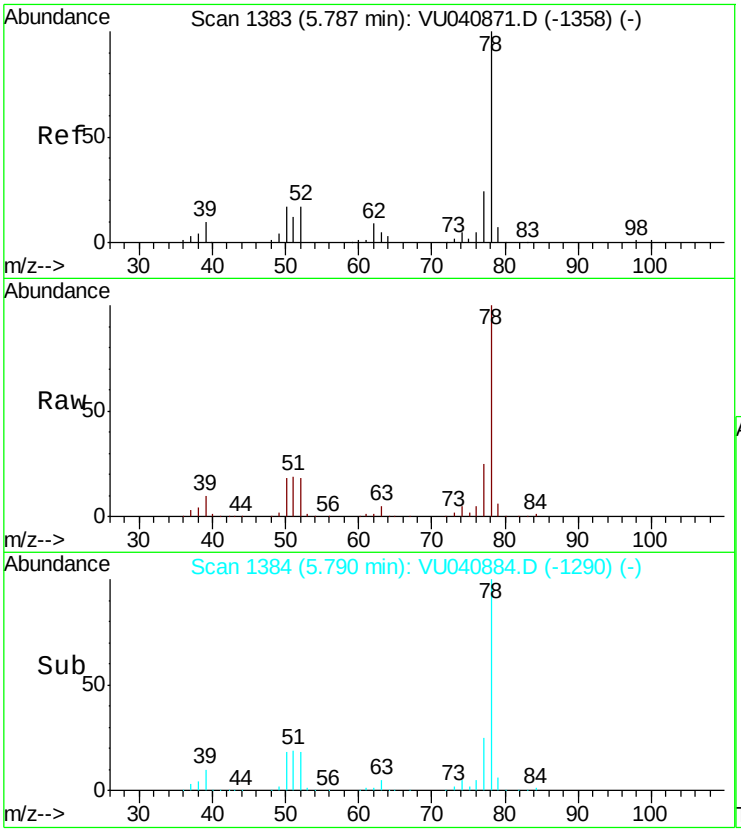


#27
1,2-Dichloroethane
Concen: 0.200 ug/L
RT: 5.80 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Tgt Ion: 62 Resp: 4789

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.6#

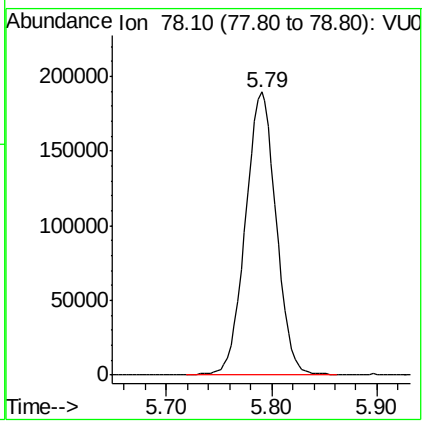


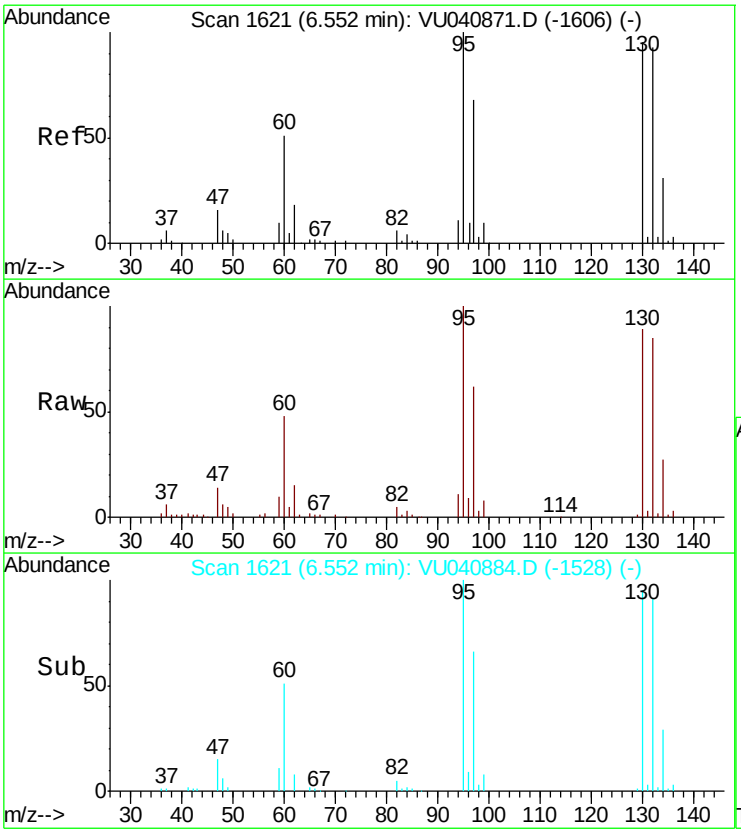


#33
Benzene
Concen: 5.090 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 78 Resp: 384120

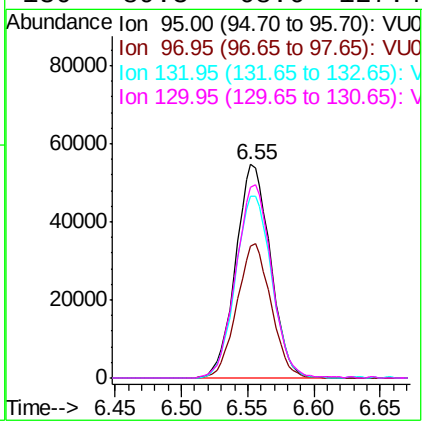


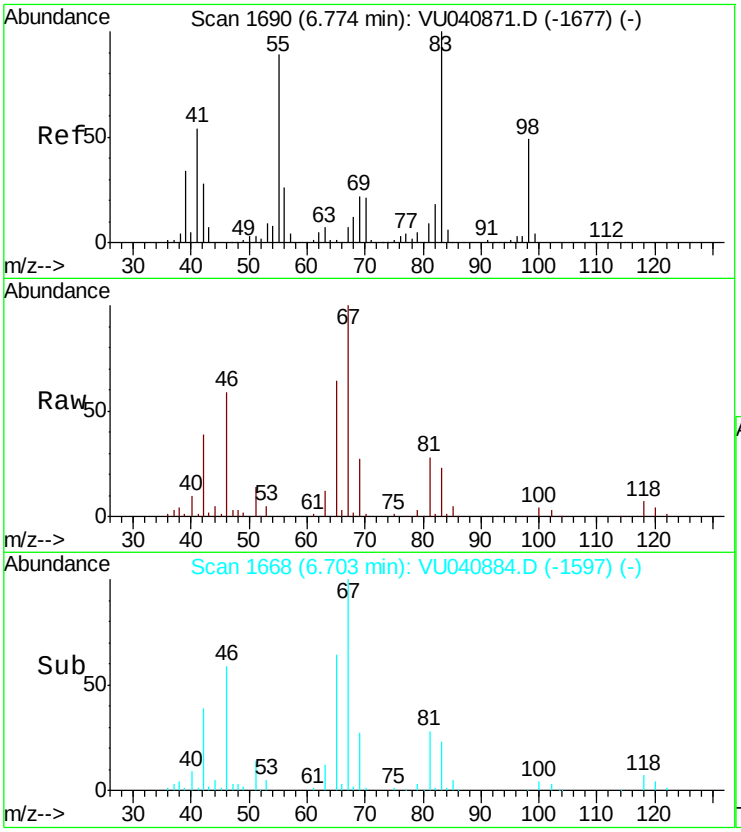


#34
Trichloroethene
Concen: 5.174 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Tgt Ion: 95 Resp: 99385

Ion	Ratio	Lower	Upper
95	100		
97	62.0	46.0	85.4
132	84.9	63.6	118.2
130	89.3	68.6	127.4



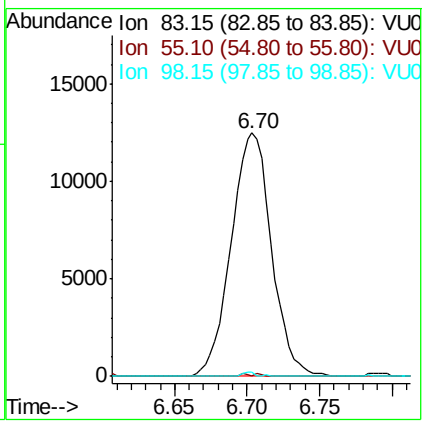


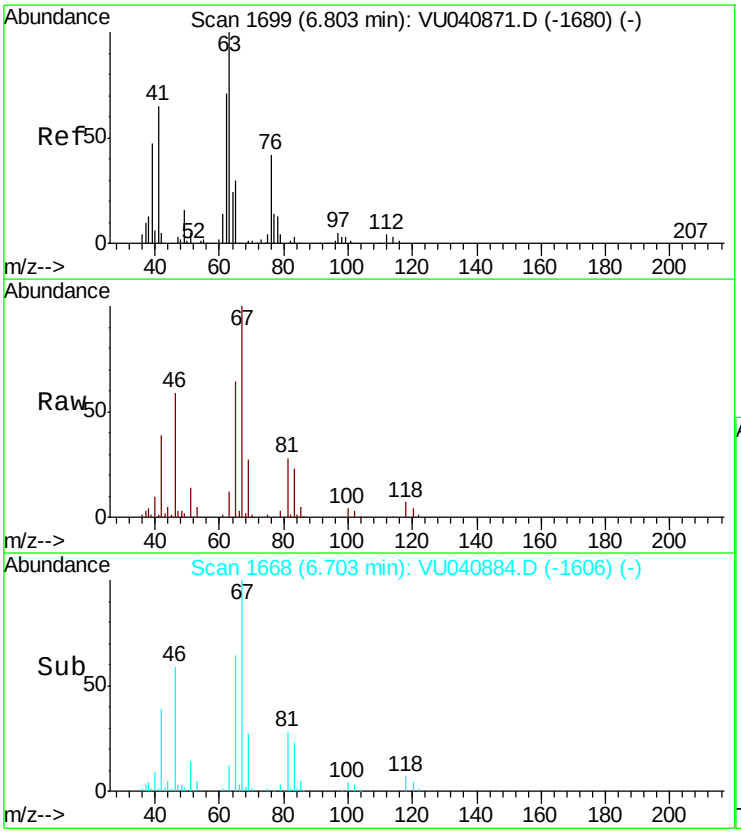
#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 83 Resp: 24060

Ion	Ratio	Lower	Upper
83	100		
55	0.2	69.1	103.7#
98	0.5	37.8	56.6#

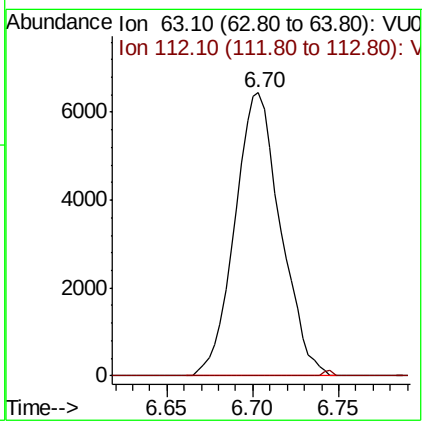


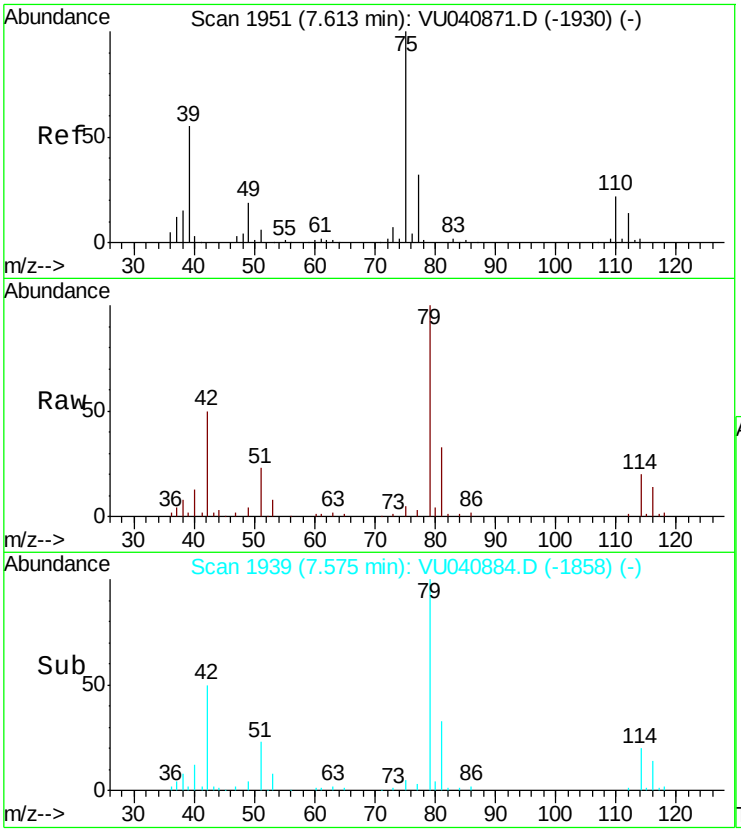


#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Tgt Ion: 63 Resp: 11928

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.0	4.6#



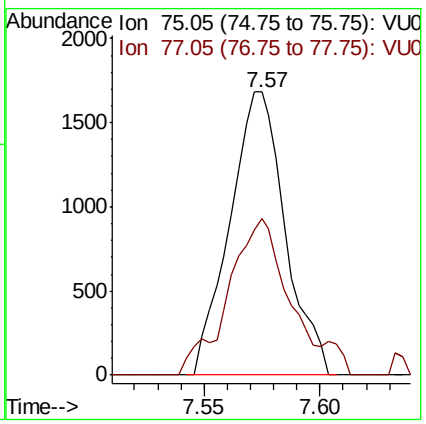


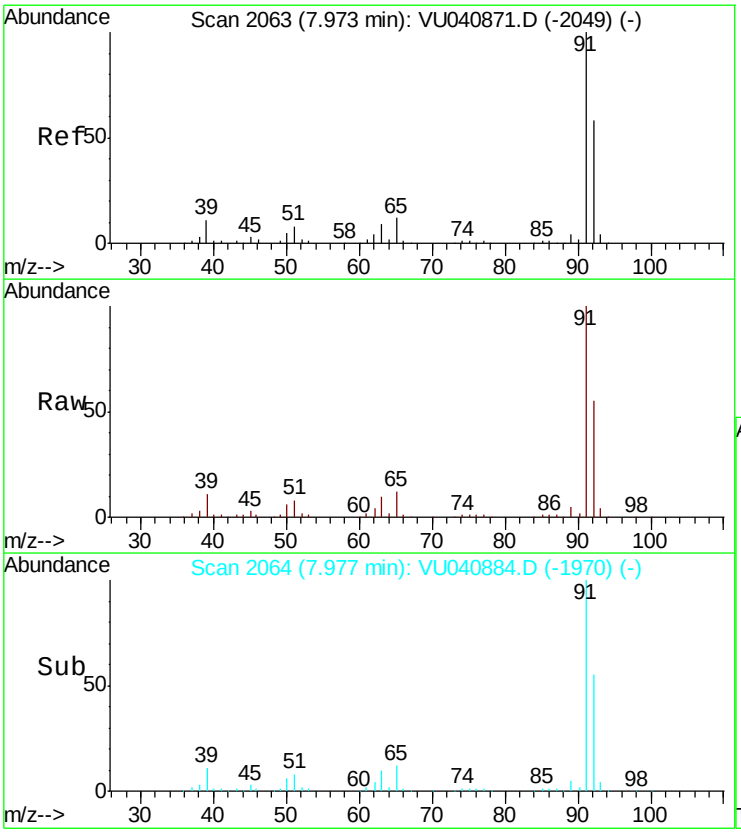
#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 75 Resp: 2796

Ion	Ratio	Lower	Upper
75	100		
77	55.2	21.6	40.2#

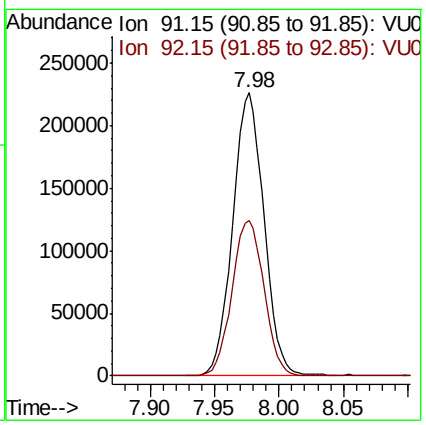


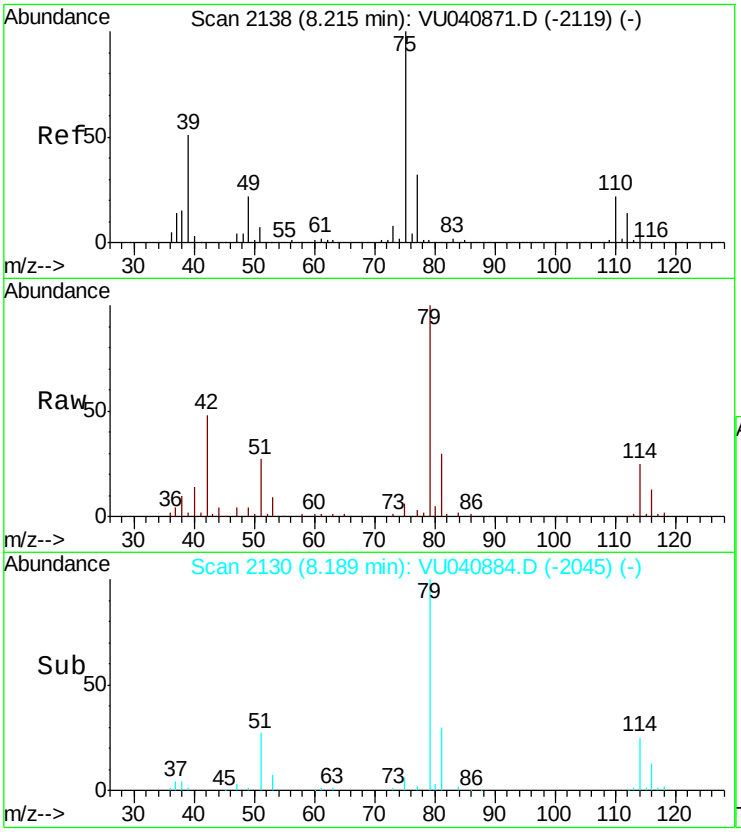


#42
Toluene
Concen: 5.027 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Tgt Ion: 91 Resp: 381063

Ion	Ratio	Lower	Upper
91	100		
92	55.0	40.6	75.4



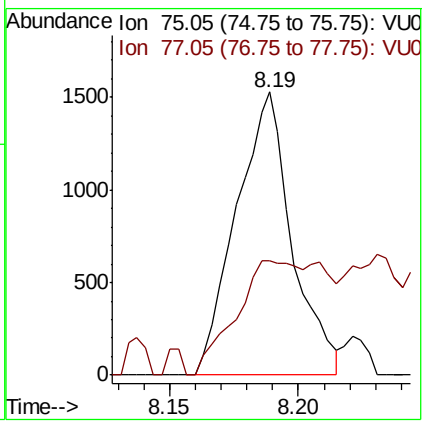


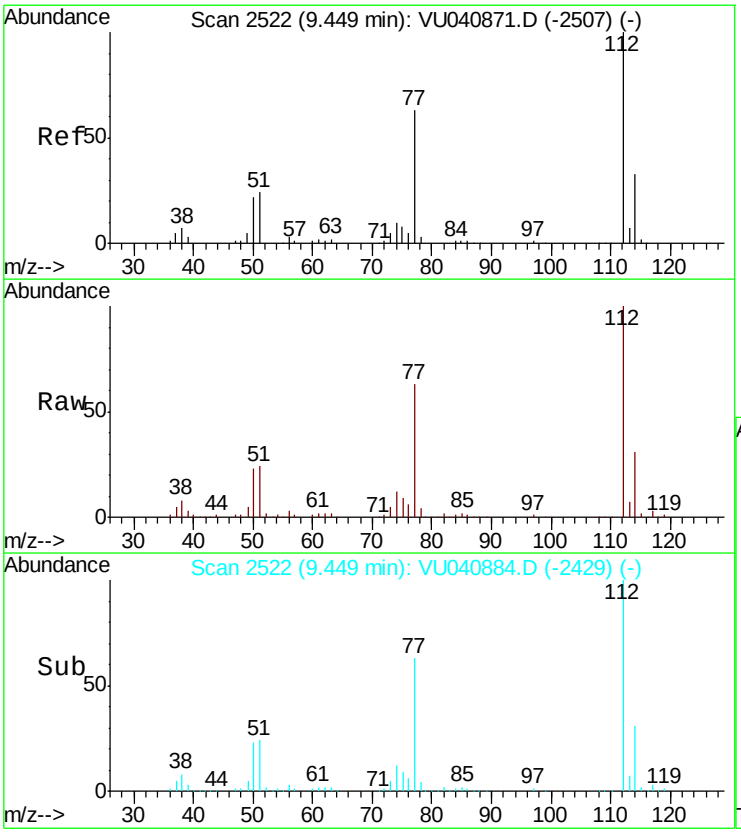
#44
trans-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 75 Resp: 2300

Ion	Ratio	Lower	Upper
75	100		
77	40.6	22.6	42.0

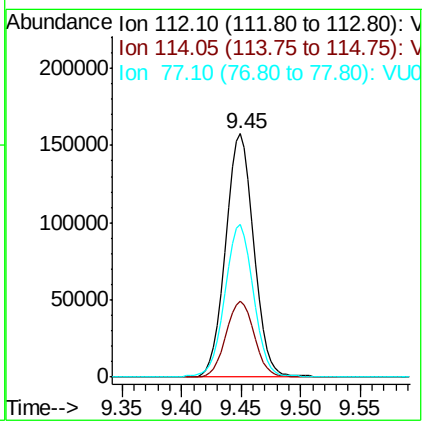


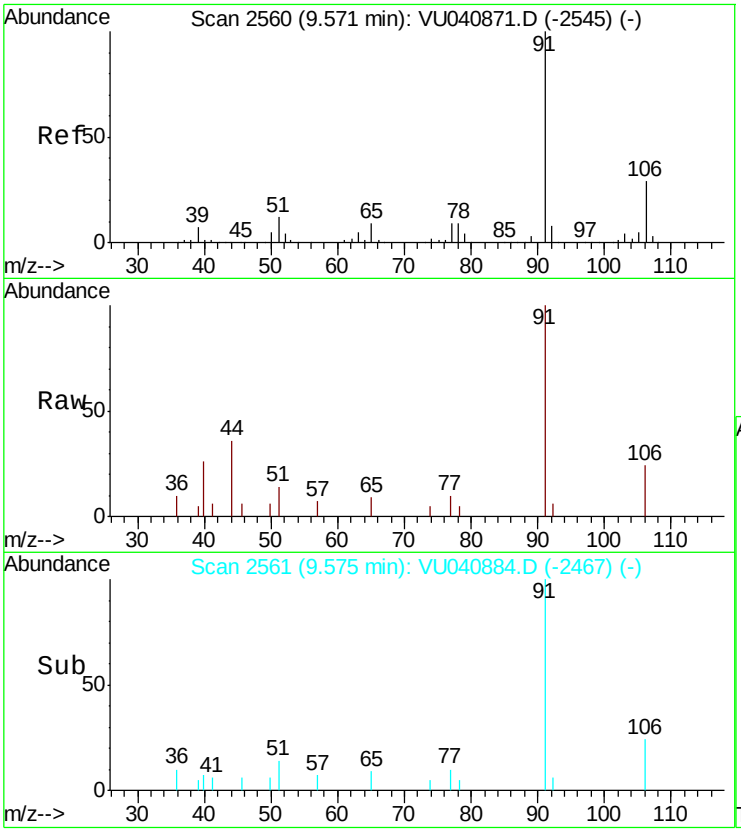


#51
Chlorobenzene
Concen: 5.293 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Tgt Ion:112 Resp: 259088

Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.3	41.3
77	62.7	49.8	74.6



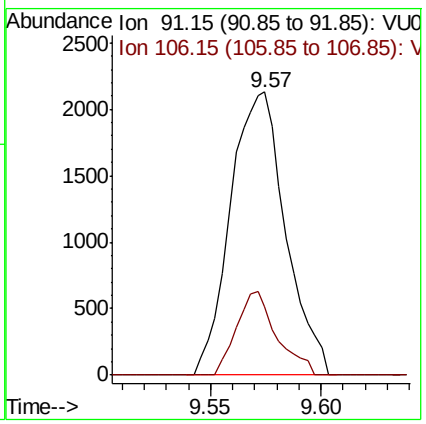


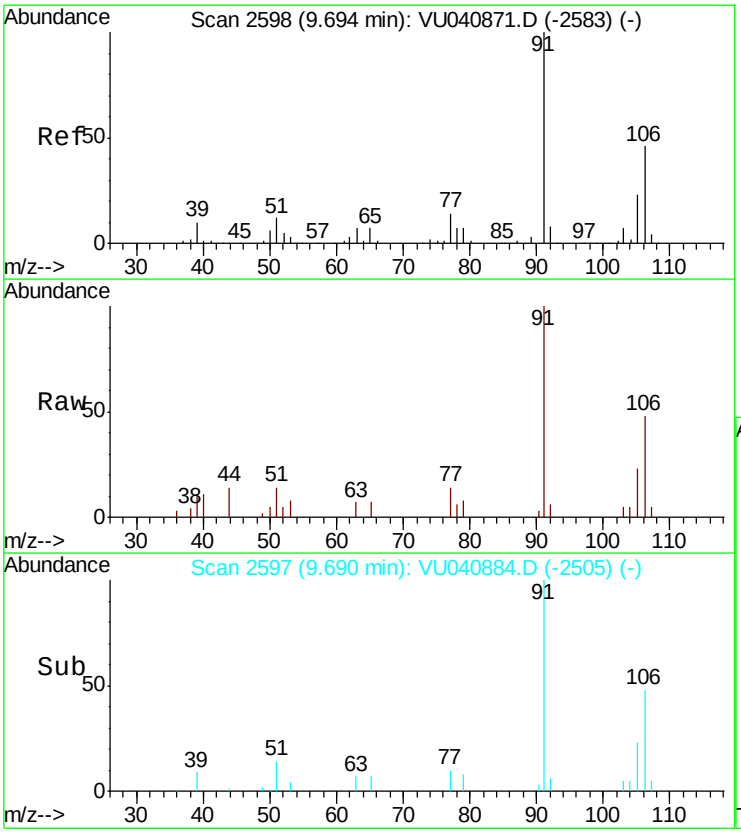
#52
Ethylbenzene
Concen: 0.045 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Instrument : MSVOA_U
ClientSampleId : ETZ50MS

Tgt Ion: 91 Resp: 3687

Ion	Ratio	Lower	Upper
91	100		
106	24.0	21.2	39.4

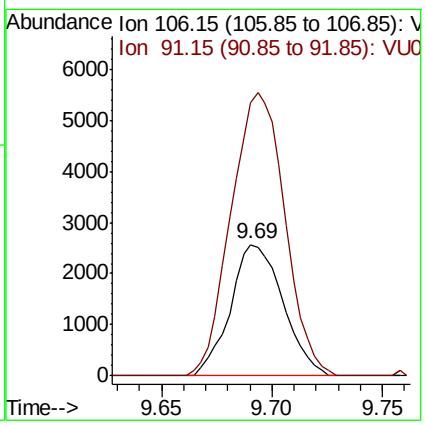


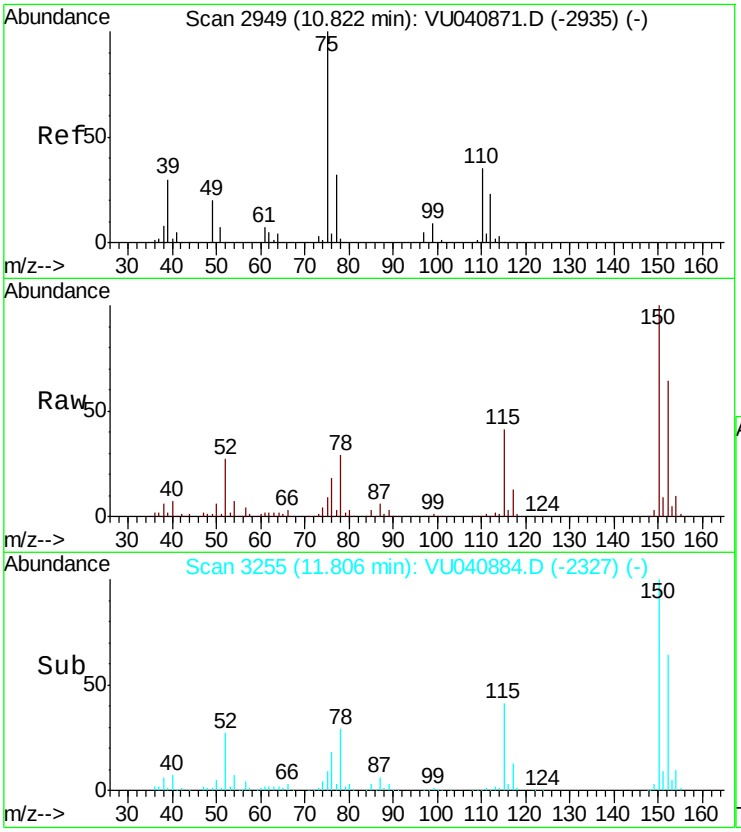


#53
m,p-Xylene
Concen: 0.144 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Tgt Ion:106 Resp: 4237

Ion	Ratio	Lower	Upper
106	100		
91	208.1	153.3	284.7





#59
1,2,3-Trichloropropane
Concen: 1.018 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040884.D
Acq: 21 Oct 2020 19:50

Instrument :
MSVOA_U
ClientSampleId :
ETZ50MS

Tgt Ion: 75 Resp: 13483

Ion	Ratio	Lower	Upper
75	100		
77	40.8	27.5	41.3