Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 22 01:06:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	424350	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	416029	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	203176	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	120831	3.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.20%			
7) Chloroethane-d5	1.93	69	142656	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.00%			
11) 1,1-Dichloroethene-d2	2.59	63	183215	2.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.40%#			
20) 2-Butanone-d5	4.67	46	547742	57.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.40%			
24) Chloroform-d	5.10	84	279244	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.74	65	163419	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.76	84	587485	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.72	67	189324	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.92	98	524978	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
43) trans-1,3-Dichloropropene-	8.20	79	70319	4.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%			
46) 2-Hexanone-d5	8.65	63	486717	63.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 127.90%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	170323	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	208455	5.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	16751	0.358	ug/L #	73
8) Chloroethane	1.95	64	111571	3.958	ug/L #	81
13) Acetone	2.68	43	13739	2.287	ug/L	72
14) Carbon disulfide	2.82	76	14107	0.134	ug/L	98
15) Methyl Acetate	3.11	43	205570	12.231	ug/L #	53
16) Methylene chloride	3.08	84	2921	0.085	ug/L #	68
17) Methyl tert-butyl Ether	3.40	73	70196	0.858	ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	5587	0.174	ug/L	88
19) 1,1-Dichloroethane	3.91	63	17867	0.285	ug/L	96
27) 1,2-Dichloroethane	5.81	62	113734	2.751	ug/L #	73
30) Cyclohexane	5.43	56	77853	1.383	ug/L	99
33) Benzene	5.81	78	13423718	100.759	ug/L	100
35) Methylcyclohexane	6.79	83	66526	1.233	ug/L	98
37) 1,2-Dichloropropane	6.72	63	19539	0.540	ug/L #	89
42) Toluene	7.99	91	54751	0.389	ug/L	98
45) 1,1,2-Trichloroethane	8.39	97	2724	0.108	ug/L #	24
48) 2-Hexanone	8.71	43	21914	1.193	ug/L #	86

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 22 01:06:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Chlorobenzene	9.47	112	1767614	20.253	ug/L		96
52) Ethylbenzene	9.59	91	46731	0.307	ug/L		99
53) m,p-Xylene	9.71	106	372541	6.377	ug/L		96
54) o-Xylene	10.12	106	56487	1.000	ug/L		96
56) Isopropylbenzene	10.50	105	1817022	12.525	ug/L		99
59) 1,2,3-Trichloropropane	10.50	75	19767	0.814	ug/L	#	1
62) 1,3-Dichlorobenzene	11.76	146	22804	0.345	ug/L		97
63) 1,4-Dichlorobenzene	11.85	146	201201	3.004	ug/L		99
65) 1,2-Dichlorobenzene	12.22	146	311445	4.897	ug/L		98
66) 1,2-Dibromo-3-chloropropan	13.04	75	591	0.114	ug/L	#	8
69) Naphthalene	14.11	128	122663	1.339	ug/L		99

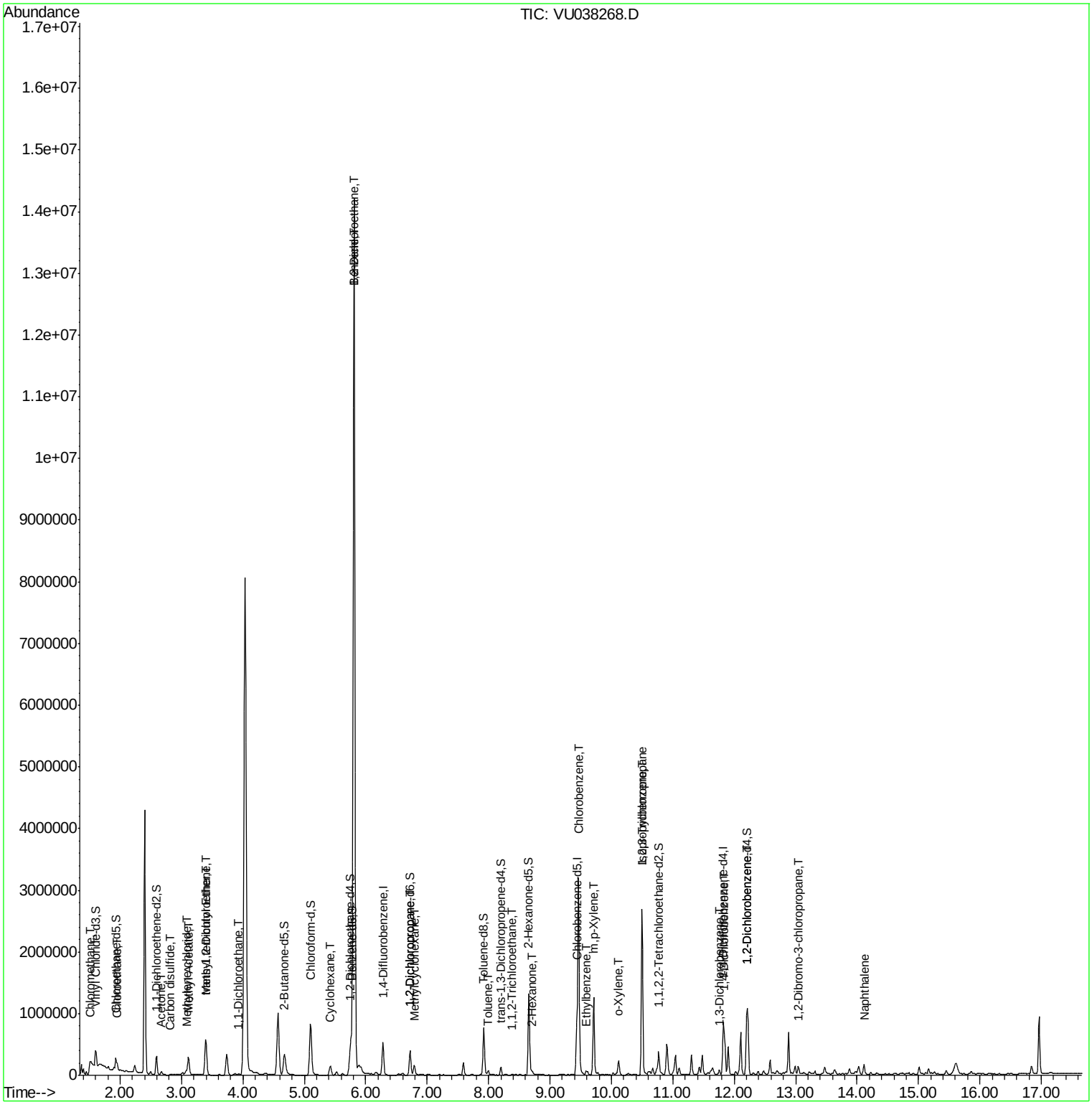
(#) = qualifier out of range (m) = manual integration (+) = signals summed

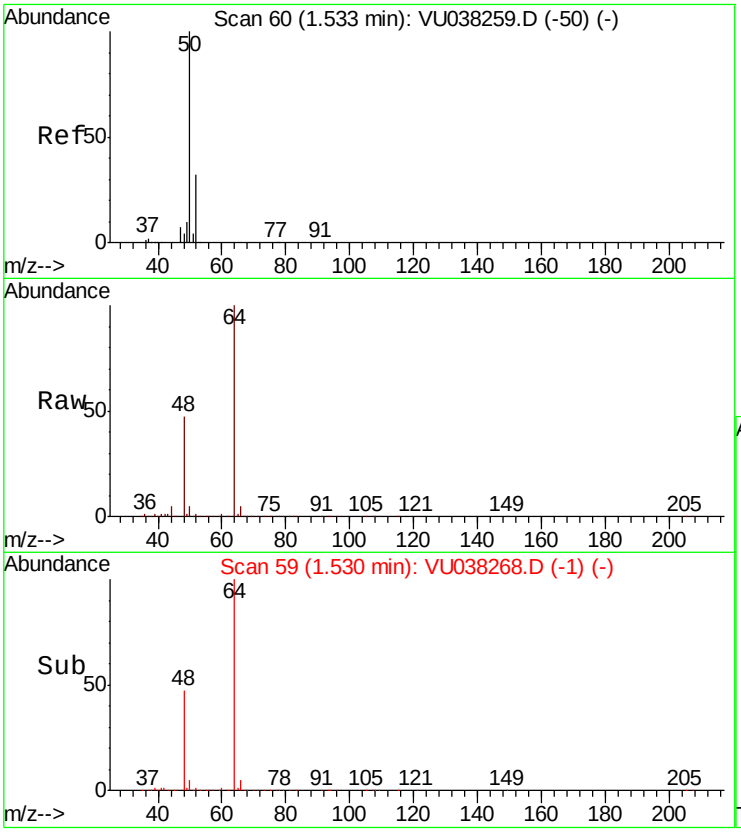
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038268.D
Acq On : 21 May 2020 16:39
Operator : JC/MD
Sample : L2724-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 22 01:06:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:03:14 2020
Response via : Initial Calibration



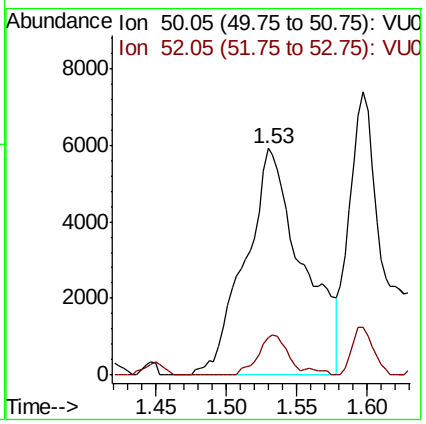


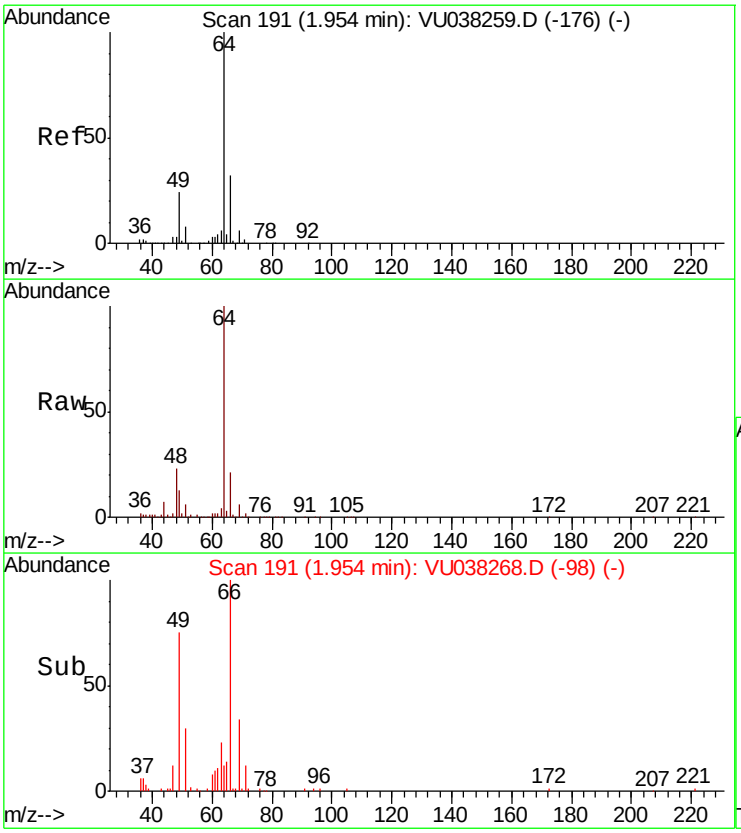
#3
Chloromethane
Concen: 0.358 ug/L
RT: 1.53 min Scan# 59
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 16751

Ion	Ratio	Lower	Upper
50	100		
52	16.8	22.5	41.7#

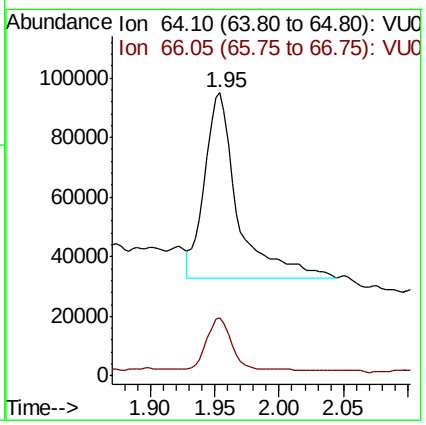


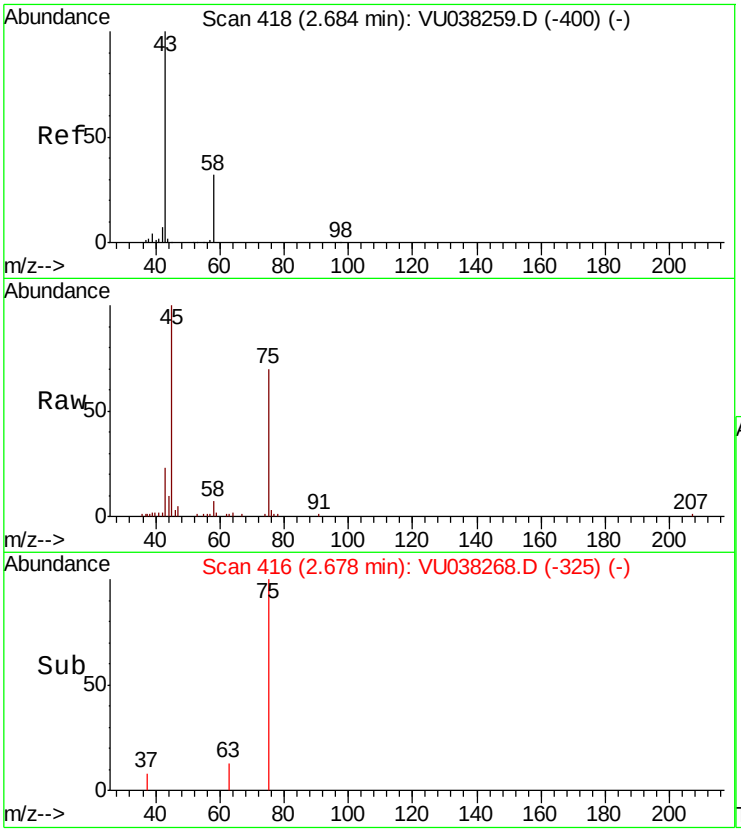


#8
Chloroethane
Concen: 3.958 ug/L
RT: 1.95 min Scan# 191
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion: 64 Resp: 111571

Ion	Ratio	Lower	Upper
64	100		
66	20.6	21.8	40.4#



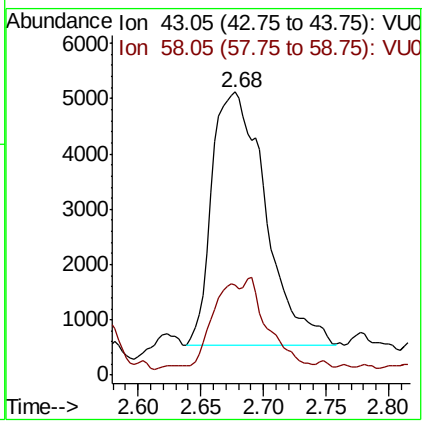


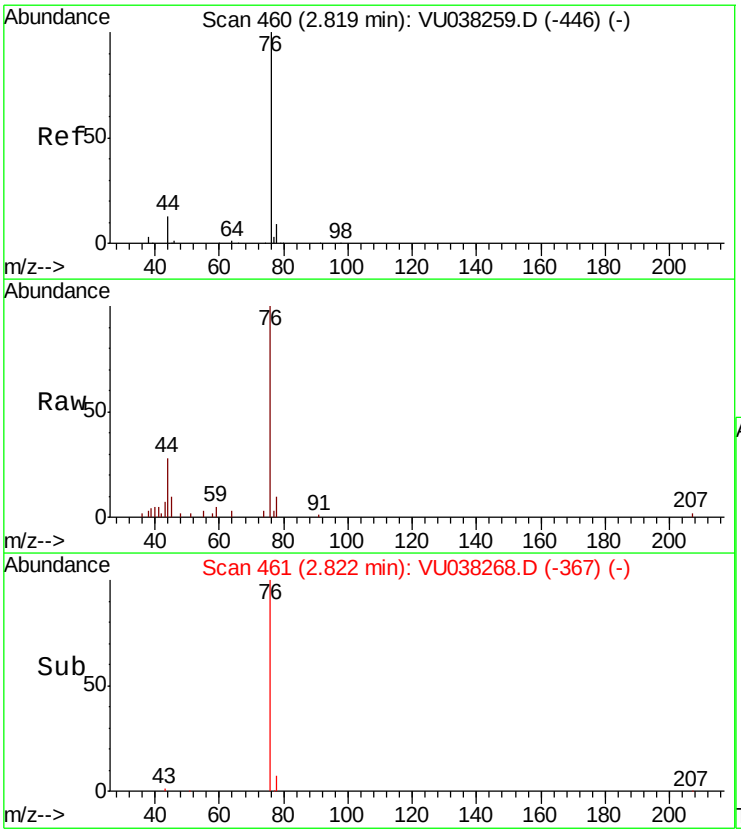
#13
Acetone
Concen: 2.287 ug/L
RT: 2.68 min Scan# 416
Delta R.T. -0.01 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 13739

Ion	Ratio	Lower	Upper
43	100		
58	16.3	0.0	63.6

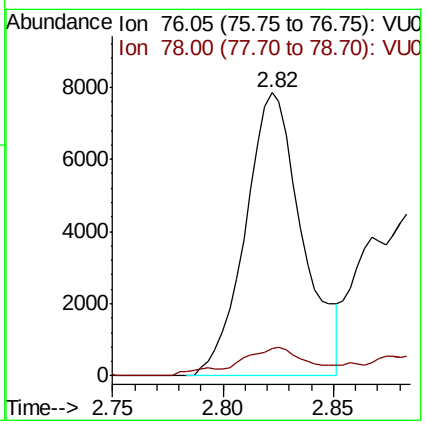


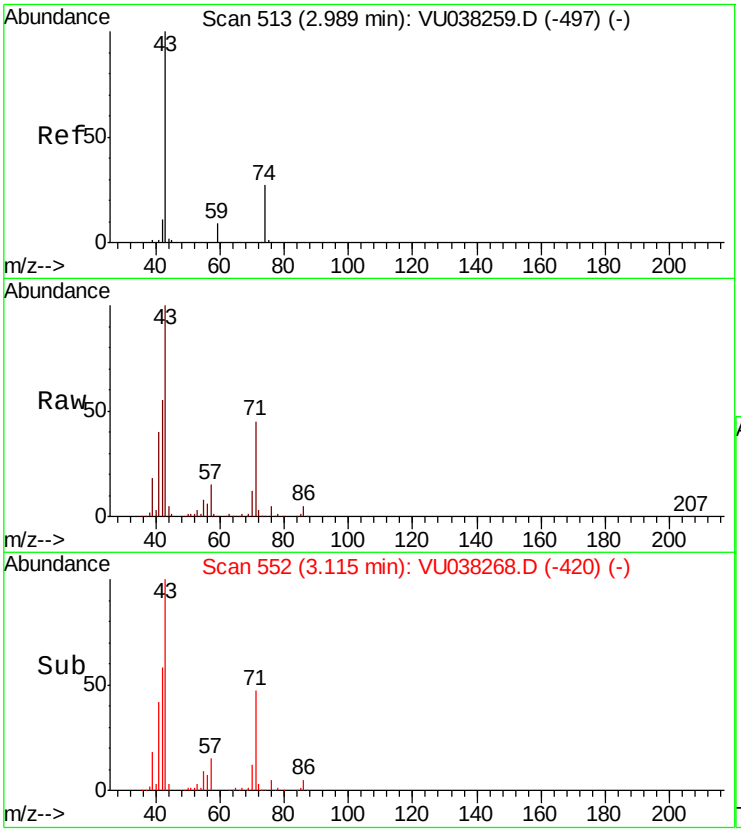


#14
Carbon disulfide
Concen: 0.134 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion: 76 Resp: 14107

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7



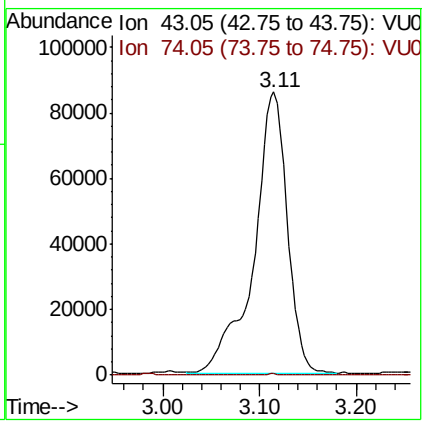


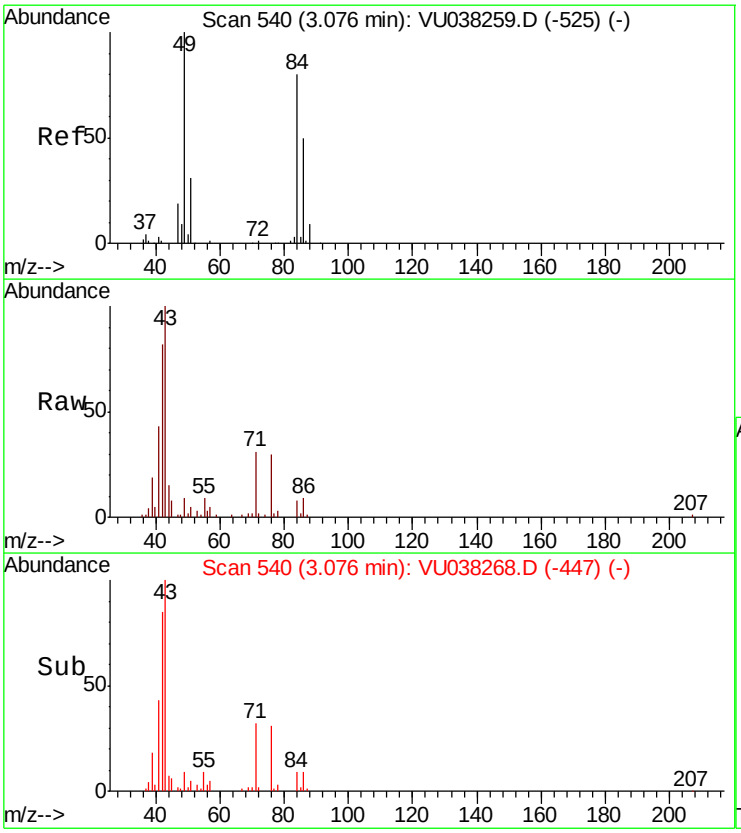
#15
Methyl Acetate
Concen: 12.231 ug/L
RT: 3.11 min Scan# 552
Delta R.T. 0.13 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 205570

Ion	Ratio	Lower	Upper
43	100		
74	0.1	18.0	27.0#

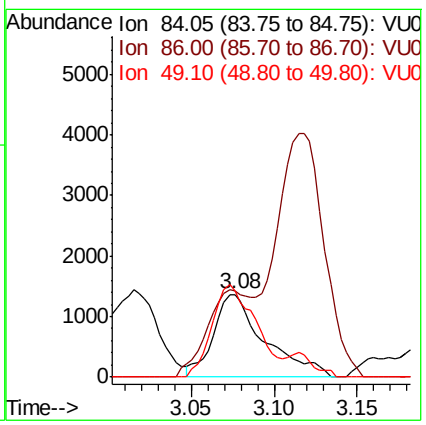


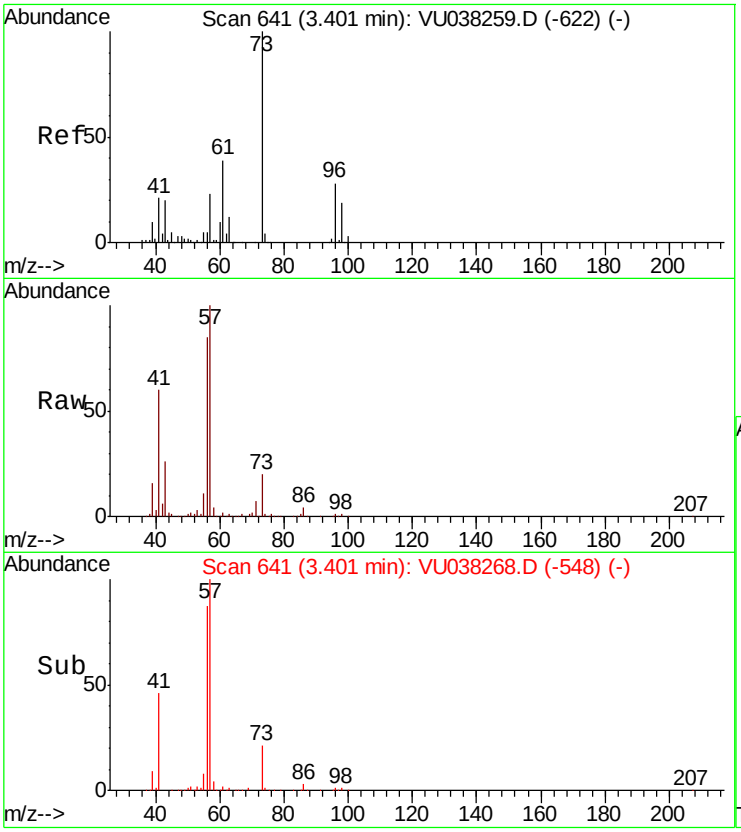


#16
Methylene chloride
Concen: 0.085 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion: 84 Resp: 2921

Ion	Ratio	Lower	Upper
84	100		
86	104.0	44.9	83.3#
49	104.1	92.0	170.9



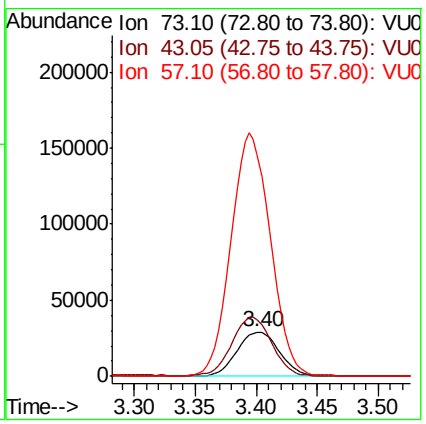


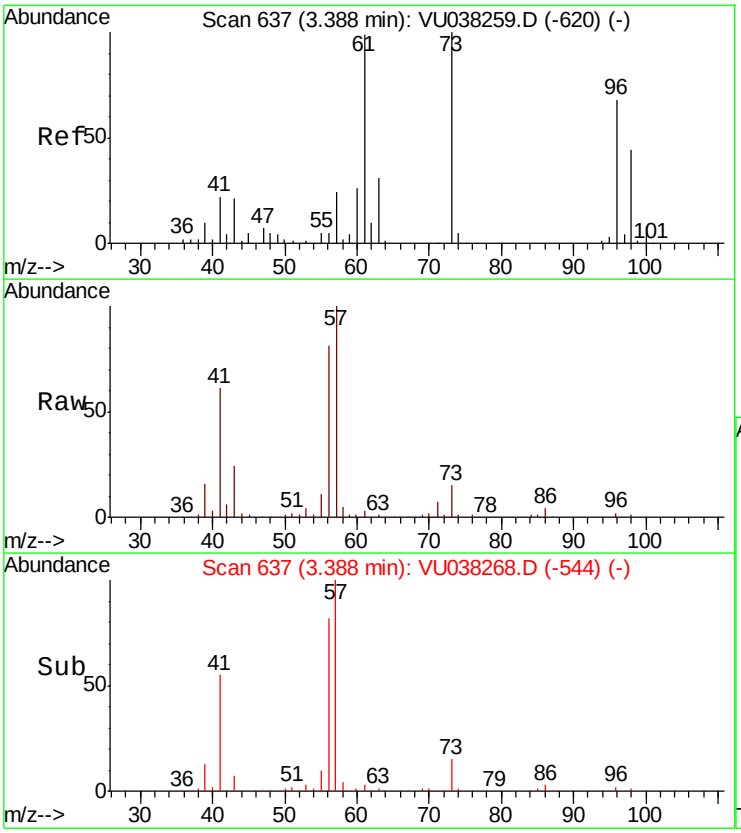
#17
Methyl tert-butyl Ether
Concen: 0.858 ug/L
RT: 3.40 min Scan# 641
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 70196

Ion	Ratio	Lower	Upper
73	100		
43	125.4	16.9	25.3#
57	508.5	18.2	27.2#

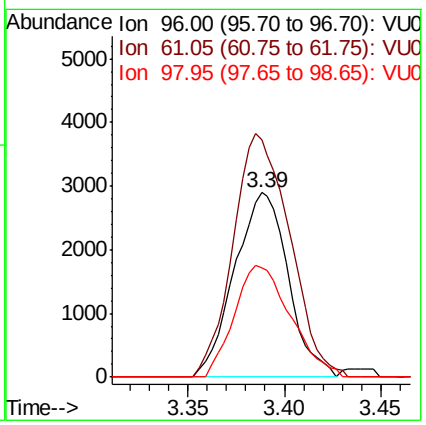


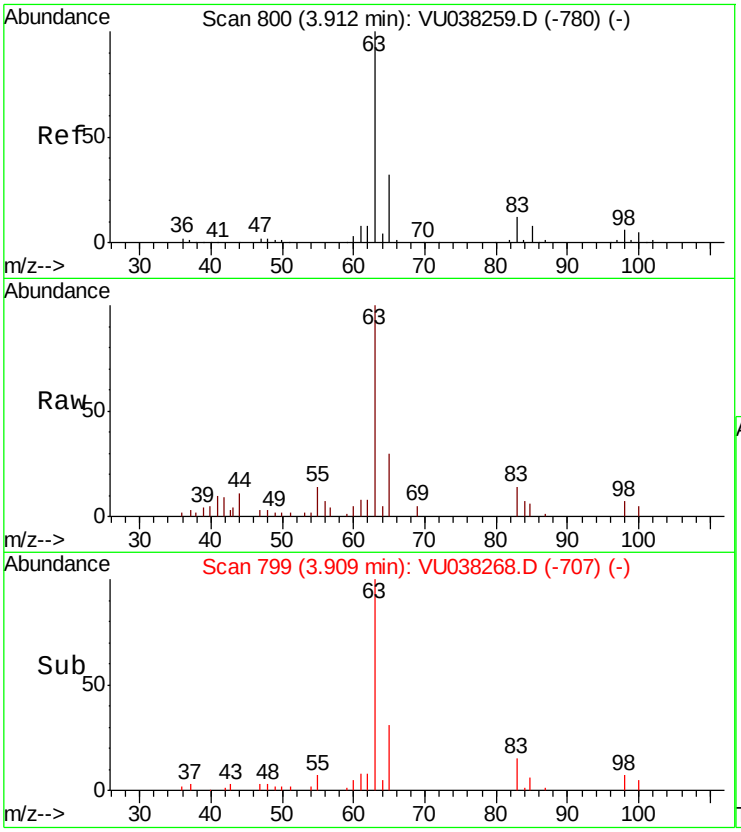


#18
trans-1,2-Dichloroethene
Concen: 0.174 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion: 96 Resp: 5587

Ion	Ratio	Lower	Upper
96	100		
61	128.3	102.1	189.5
98	59.5	45.6	84.8



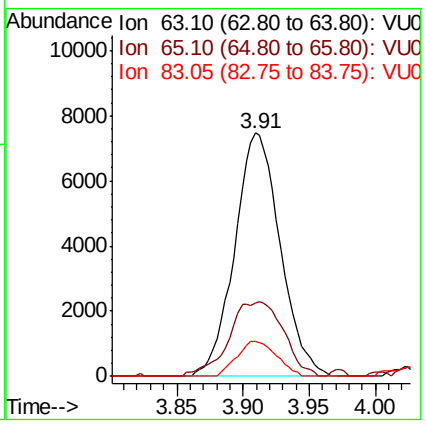


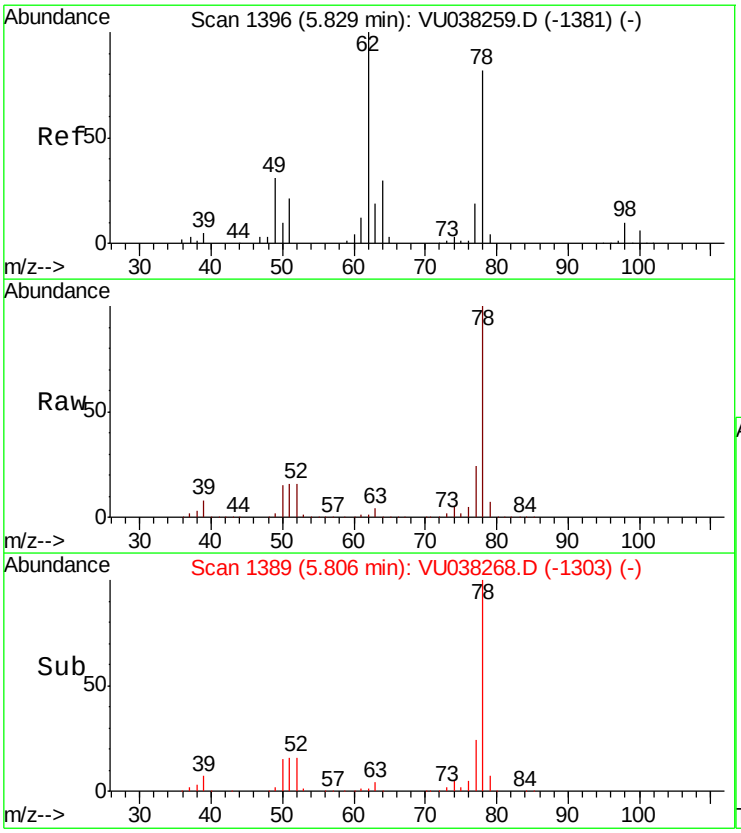
#19
1,1-Dichloroethane
Concen: 0.285 ug/L
RT: 3.91 min Scan# 799
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 17867

Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.5	41.7
83	14.3	8.9	16.5

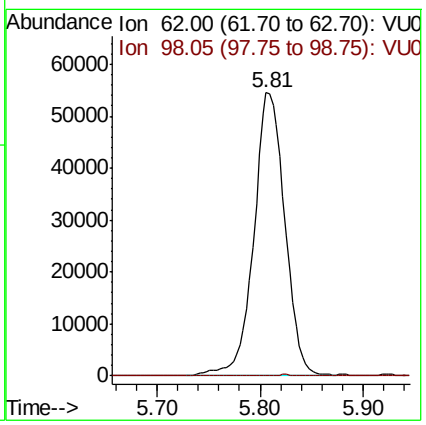


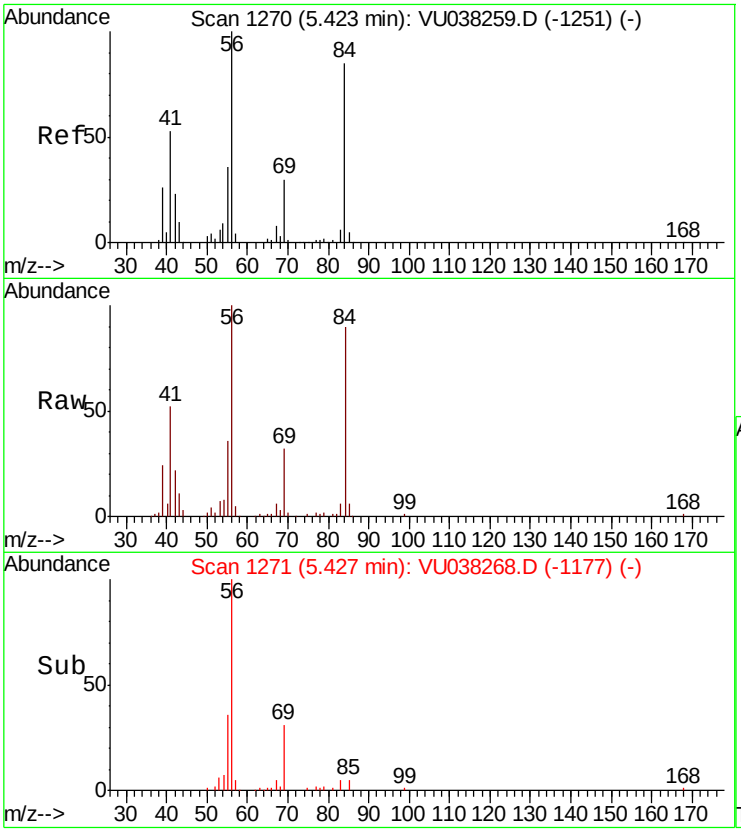


#27
1,2-Dichloroethane
Concen: 2.751 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.02 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion: 62 Resp: 113734

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#



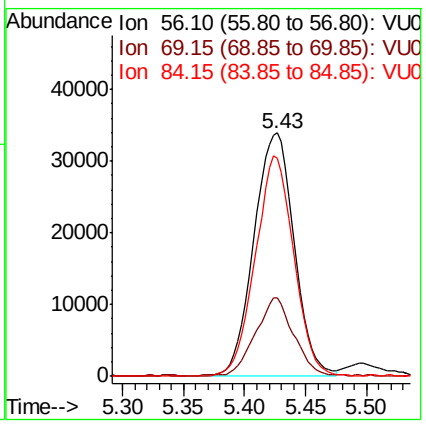


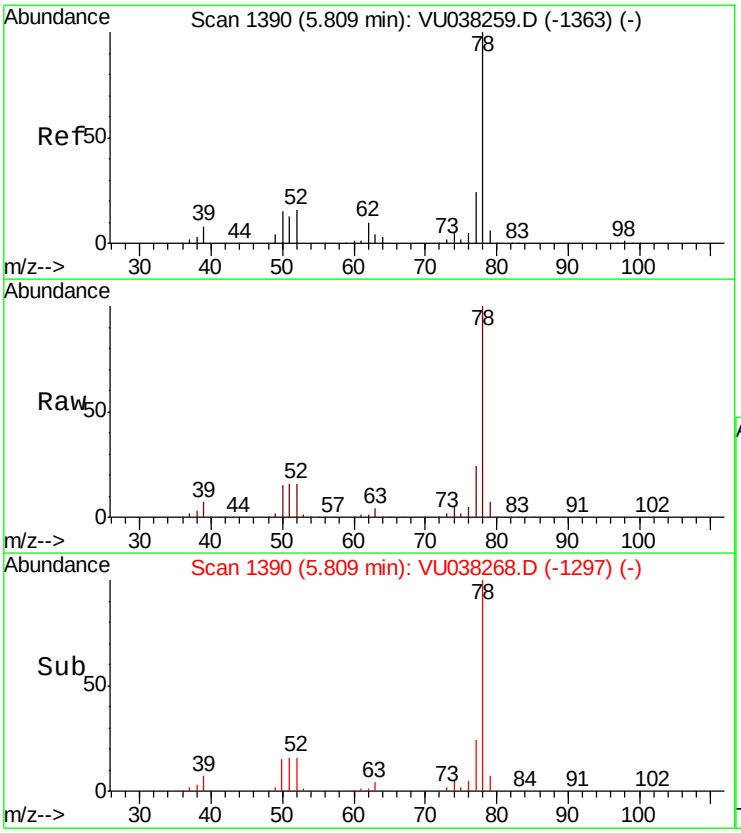
#30
Cyclohexane
Concen: 1.383 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 77853

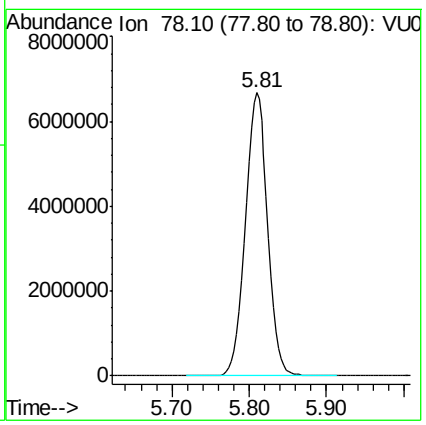
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.2	36.4
84	86.8	68.5	102.7

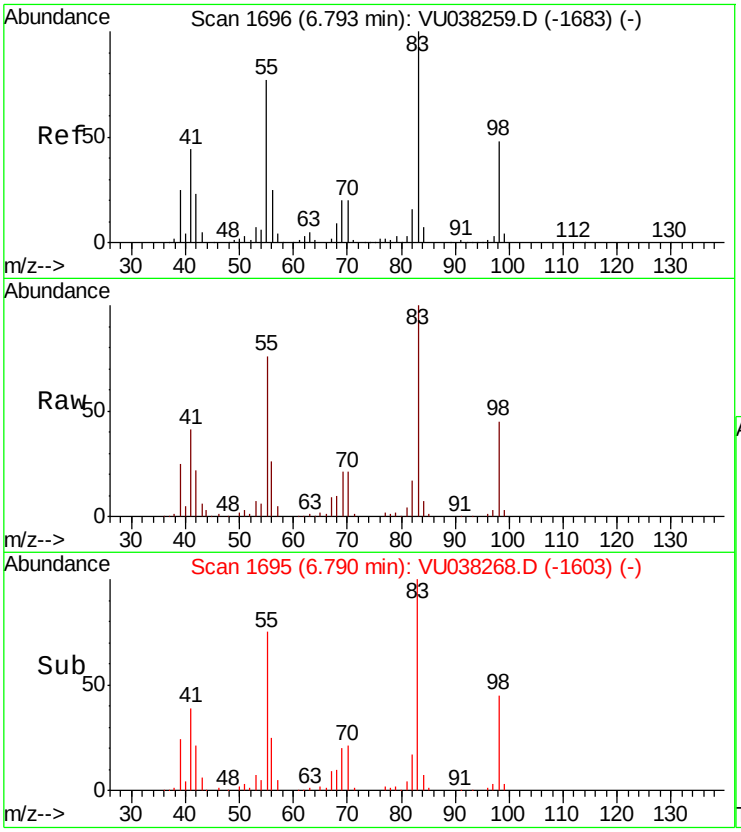




#33
Benzene
Concen: 100.759 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion: 78 Resp:13423718



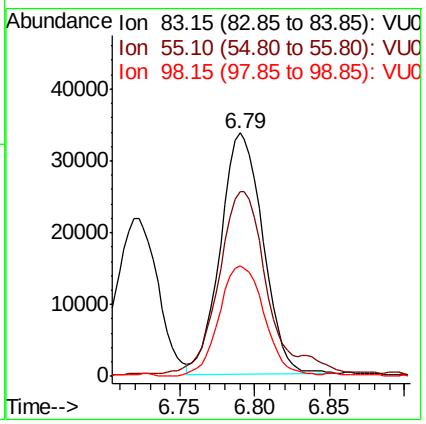


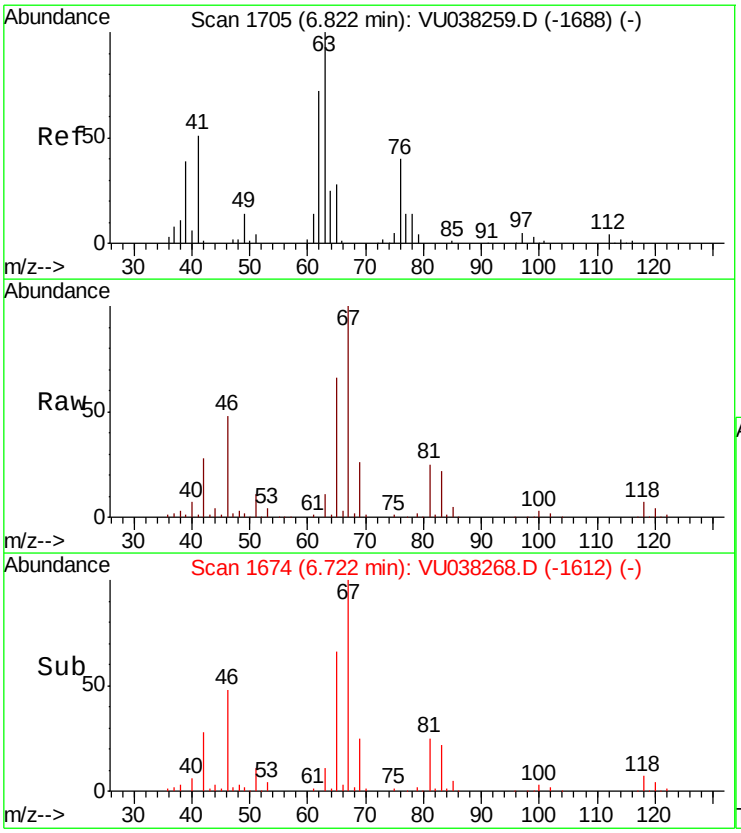
#35
Methylcyclohexane
Concen: 1.233 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 66526

Ion	Ratio	Lower	Upper
83	100		
55	85.9	66.7	100.1
98	48.7	39.4	59.2

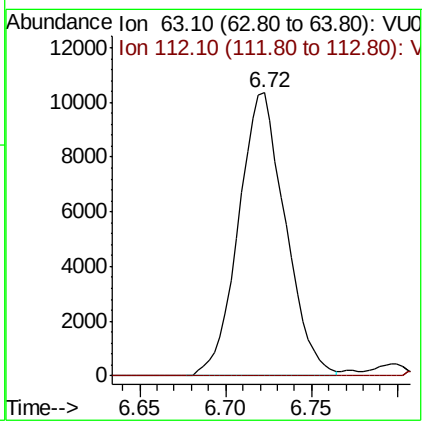


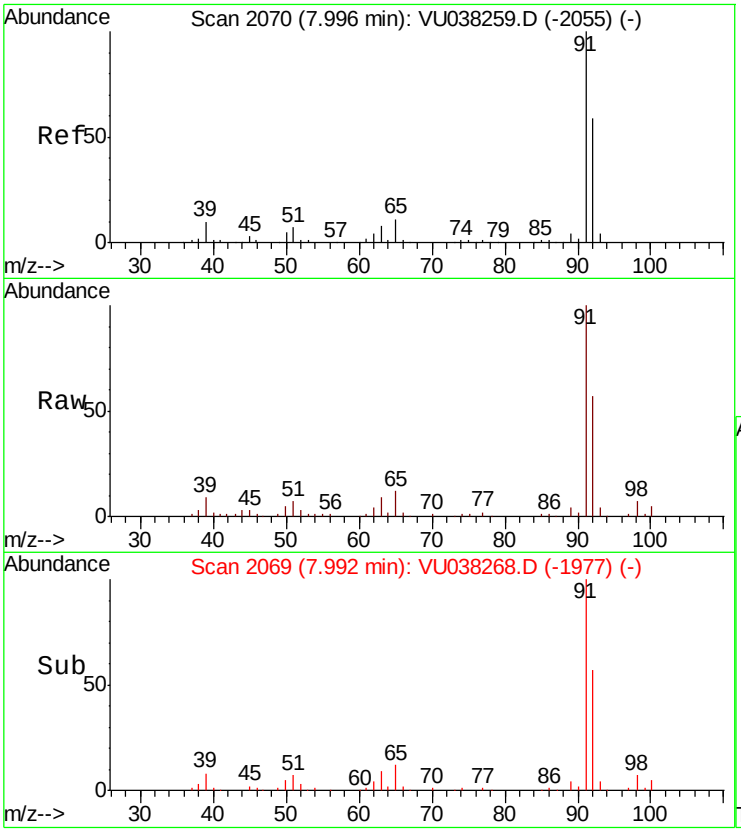


#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion: 63 Resp: 19539

Ion	Ratio	Lower	Upper
63	100		
112	7.4	3.1	4.7#



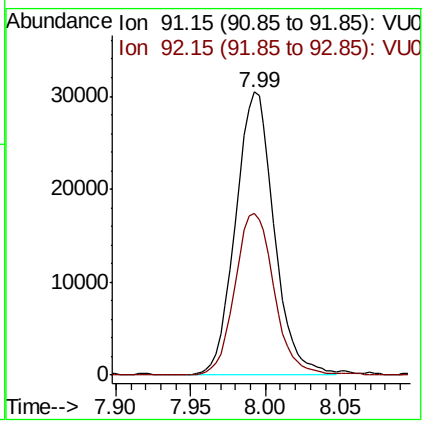


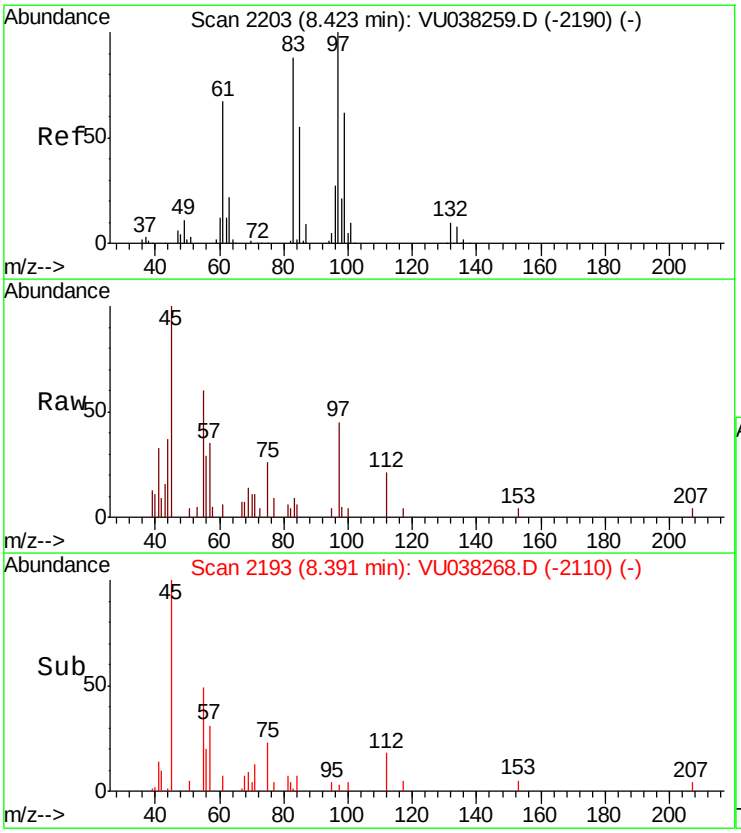
#42
Toluene
Concen: 0.389 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 54751

Ion	Ratio	Lower	Upper
91	100		
92	57.1	40.9	75.9

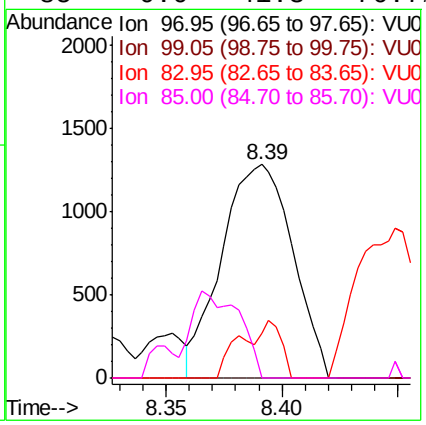


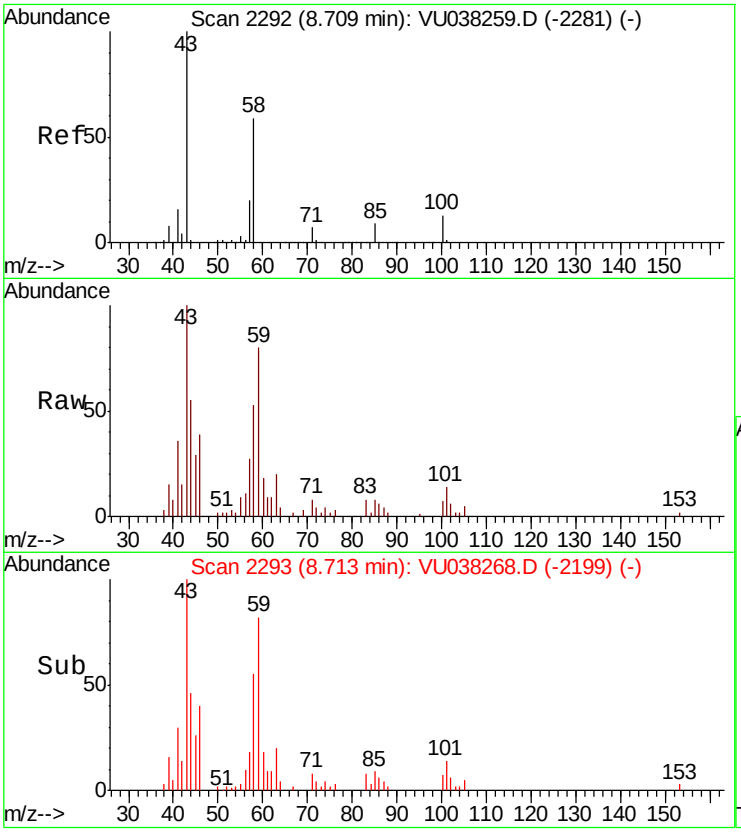


#45
1,1,2-Trichloroethane
Concen: 0.108 ug/L
RT: 8.39 min Scan# 2193
Delta R.T. -0.03 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion: 97 Resp: 2724

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.0	81.6#
83	20.9	59.6	110.8#
85	0.0	41.3	76.7#



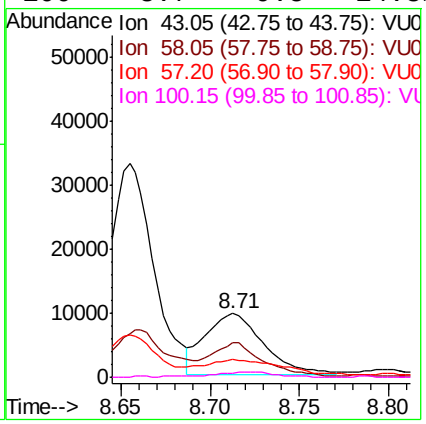


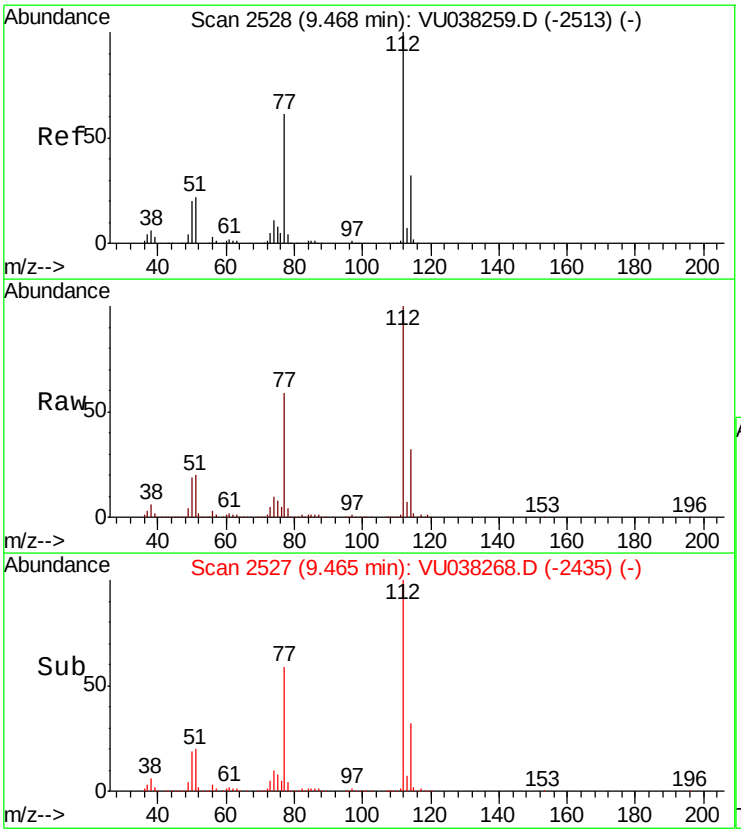
#48
2-Hexanone
Concen: 1.193 ug/L
RT: 8.71 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 21914

Ion	Ratio	Lower	Upper
43	100		
58	48.6	45.2	67.8
57	32.1	15.5	23.3#
100	8.7	9.5	14.3#

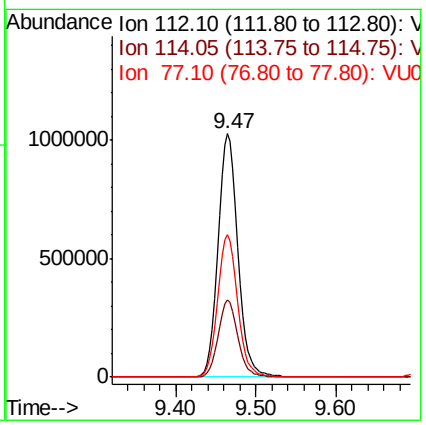


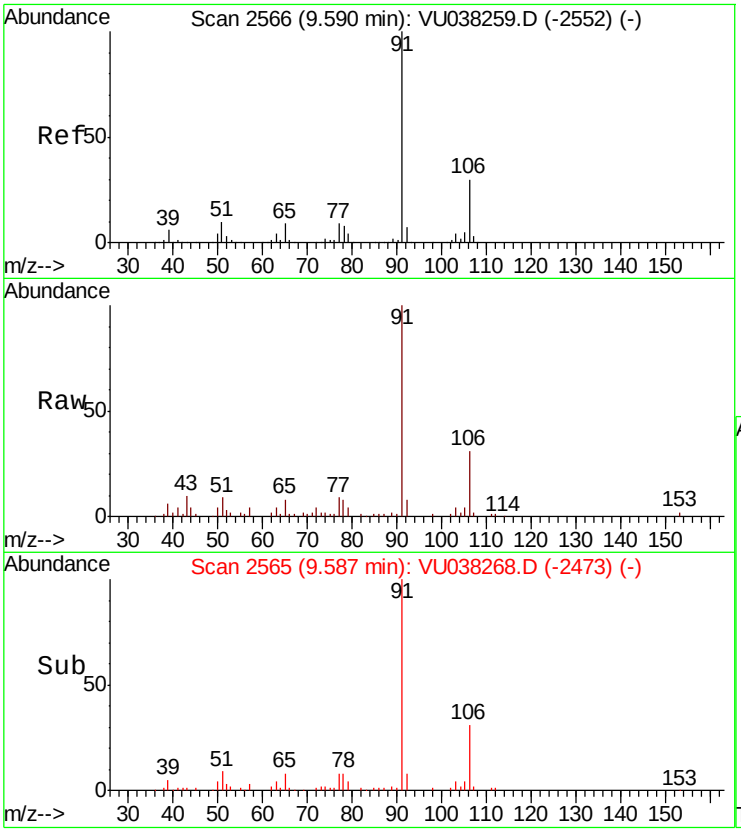


#51
Chlorobenzene
Concen: 20.253 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion:112 Resp: 1767614

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.5	41.7
77	58.7	49.9	74.9



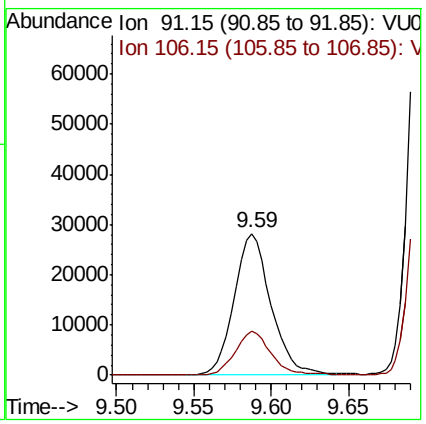


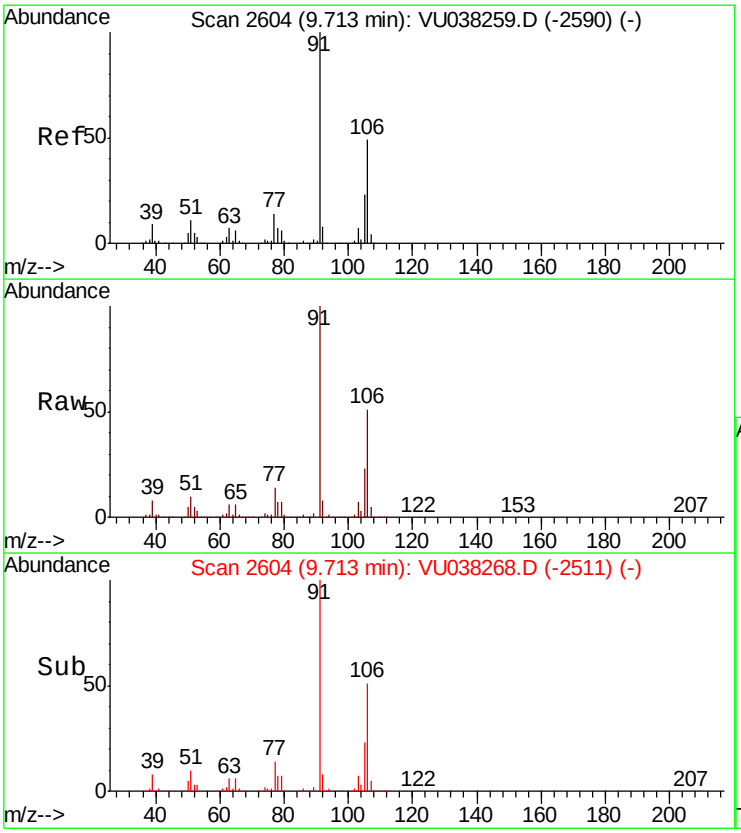
#52
Ethylbenzene
Concen: 0.307 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 46731

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.8	40.4

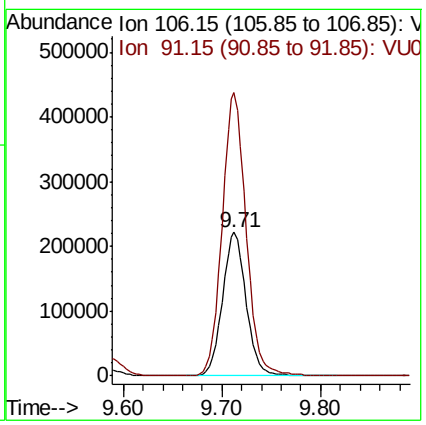


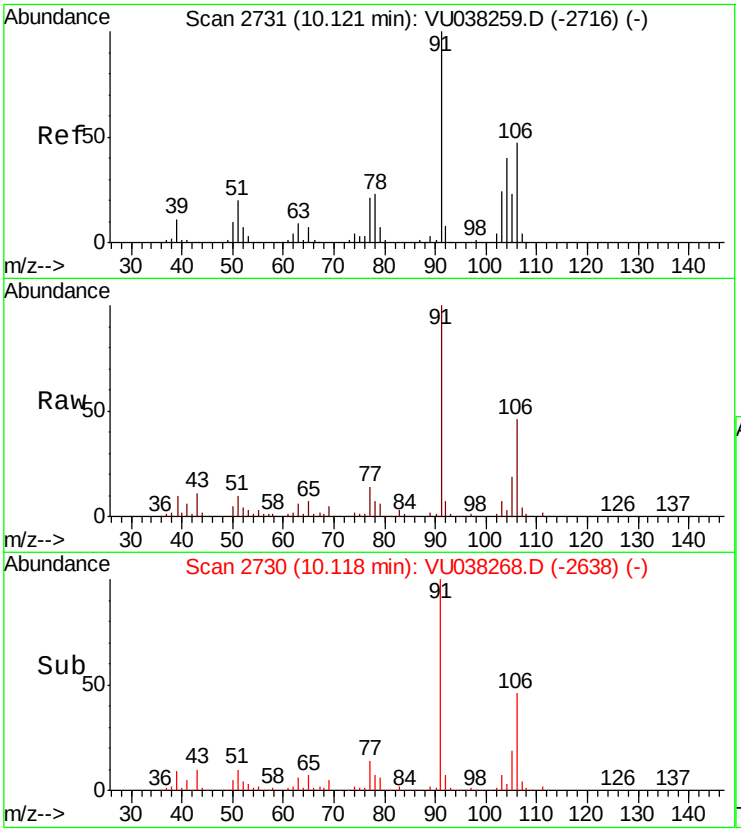


#53
m,p-Xylene
Concen: 6.377 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion:106 Resp: 372541

Ion	Ratio	Lower	Upper
106	100		
91	196.9	142.1	263.9



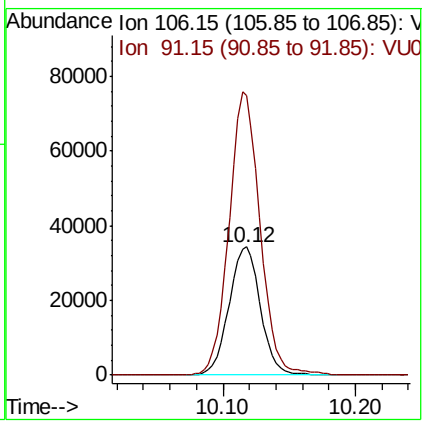


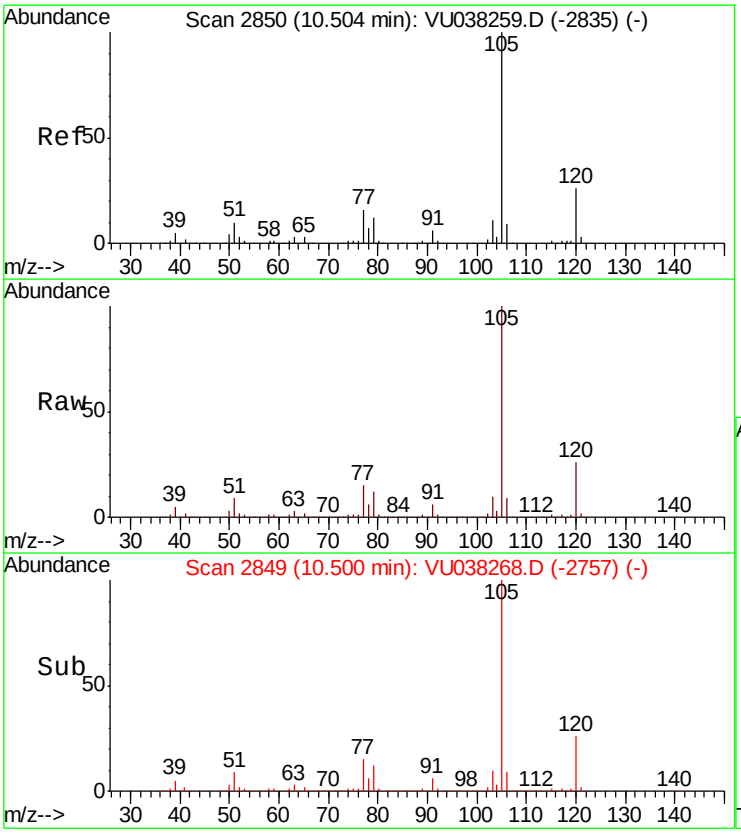
#54
o-Xylene
Concen: 1.000 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 56487

Ion	Ratio	Lower	Upper
106	100		
91	217.8	148.5	275.9

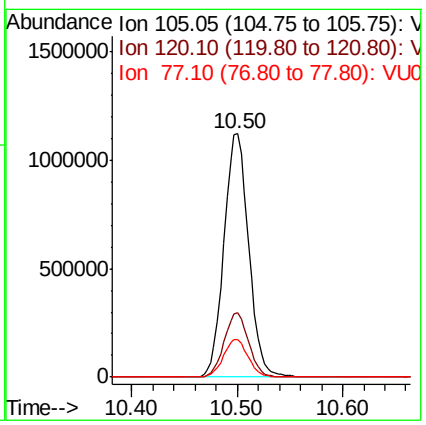


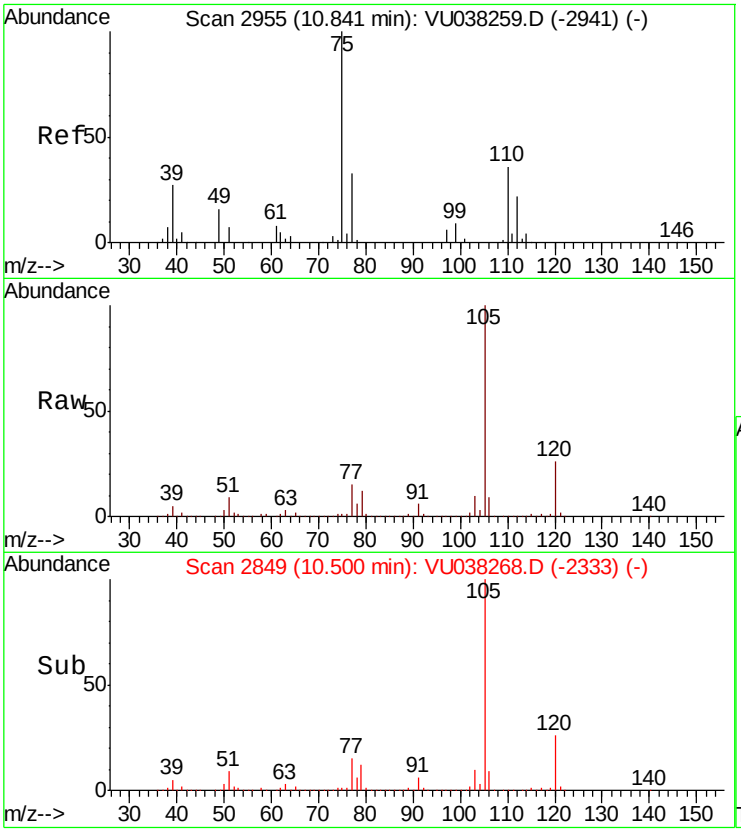


#56
Isopropylbenzene
Concen: 12.525 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion:105 Resp: 1817022

Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.0	31.6
77	15.6	13.0	19.4



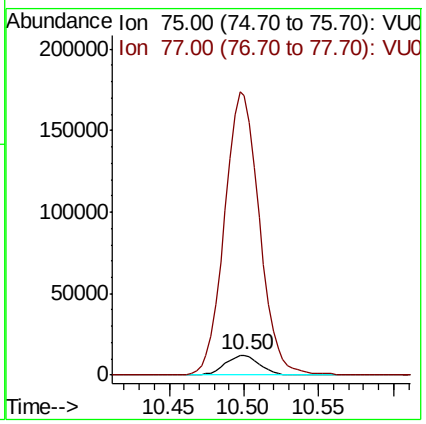


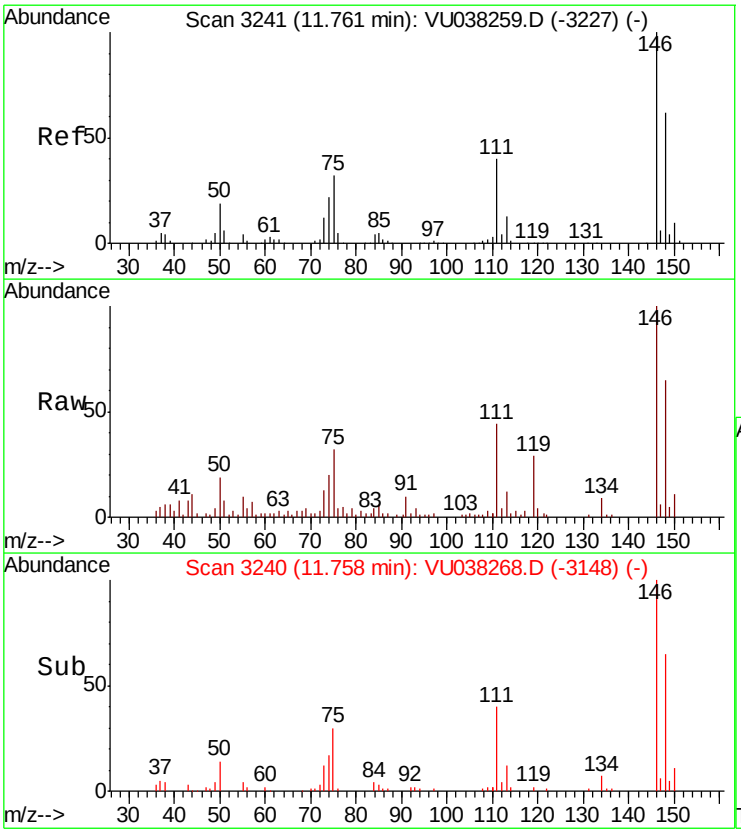
#59
1,2,3-Trichloropropane
Concen: 0.814 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.34 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 19767

Ion	Ratio	Lower	Upper
75	100		
77	1430.0	25.4	38.0#

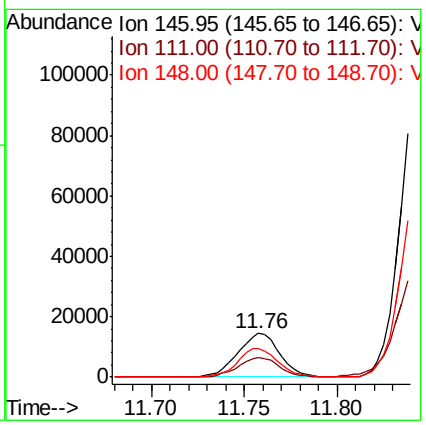


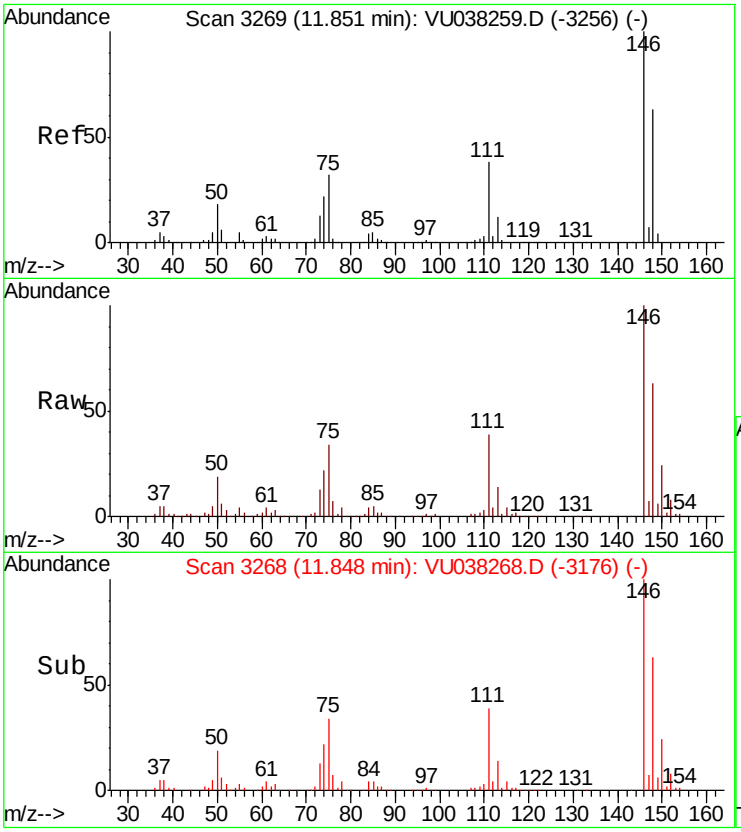


#62
1,3-Dichlorobenzene
Concen: 0.345 ug/L
RT: 11.76 min Scan# 3240
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion:146 Resp: 22804

Ion	Ratio	Lower	Upper
146	100		
111	44.1	28.6	53.2
148	65.4	45.2	84.0



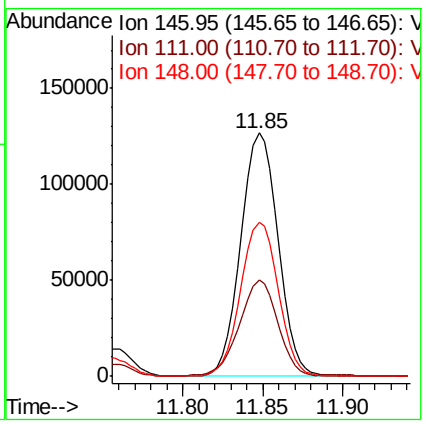


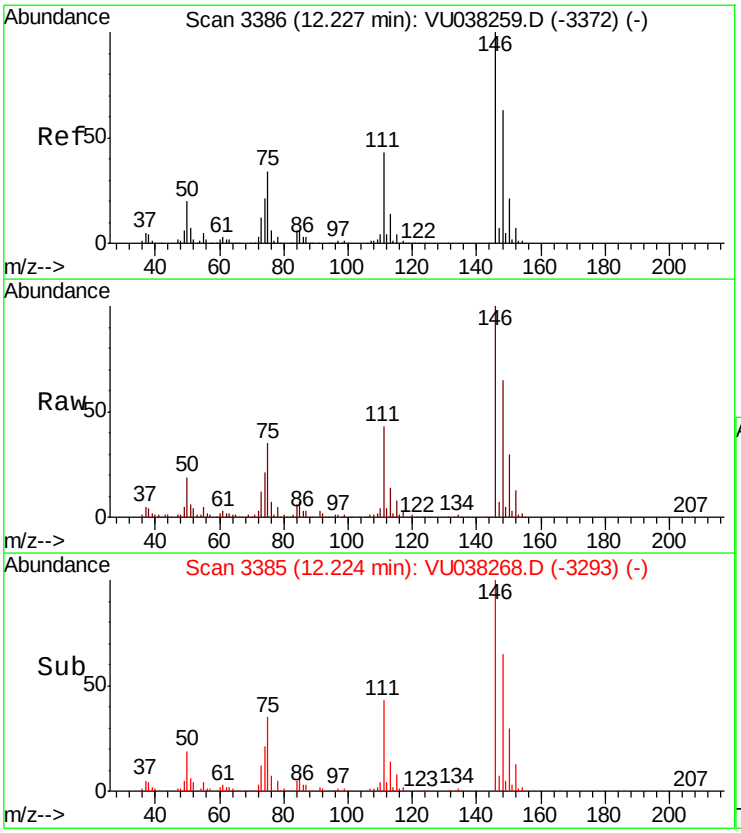
#63
1,4-Dichlorobenzene
Concen: 3.004 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 201201

Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.2	50.6
148	63.4	43.8	81.3

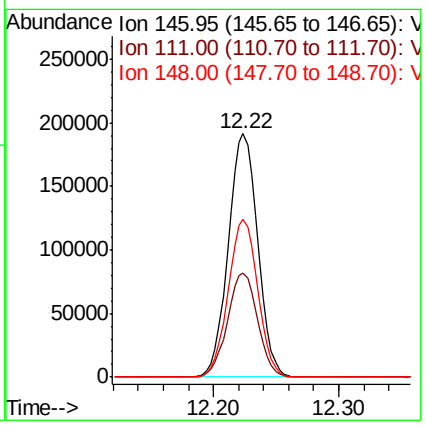


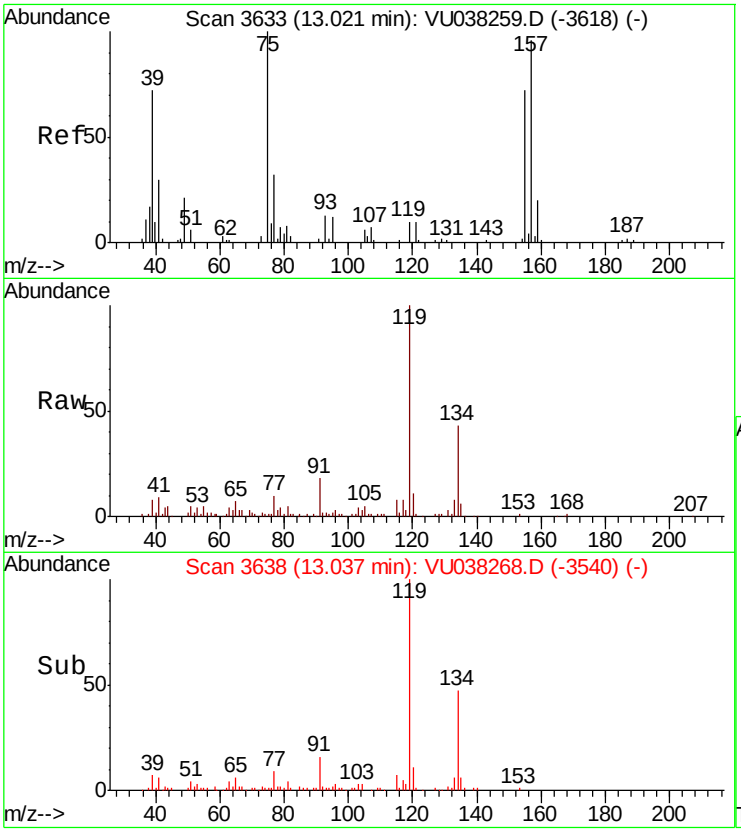


#65
1,2-Dichlorobenzene
Concen: 4.897 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion:146 Resp: 311445

Ion	Ratio	Lower	Upper
146	100		
111	42.9	35.3	52.9
148	65.0	51.0	76.4



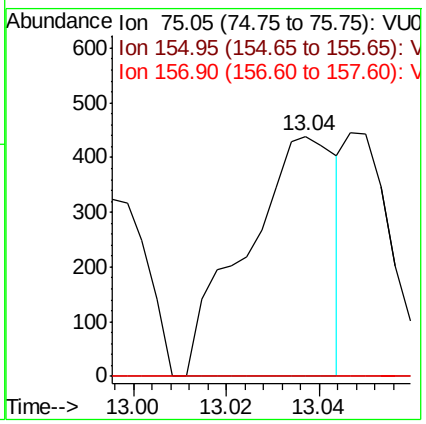


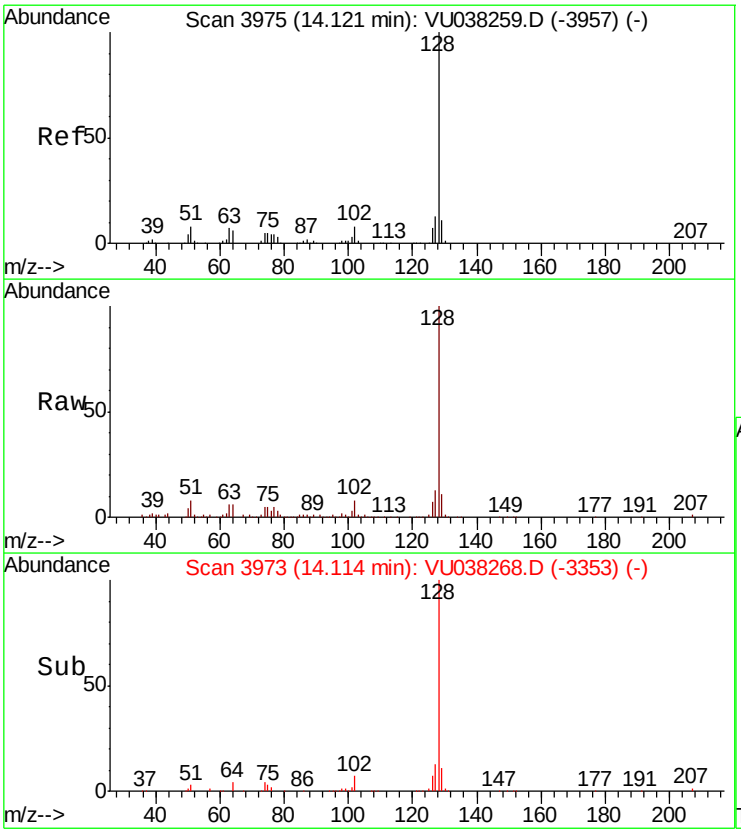
#66
1,2-Dibromo-3-chloropropane
Concen: 0.114 ug/L
RT: 13.04 min Scan# 3638
Delta R.T. 0.02 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 591

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.2	87.2#
157	0.0	72.9	109.3#





#69
Naphthalene
Concen: 1.339 ug/L
RT: 14.11 min Scan# 3973
Delta R.T. -0.01 min
Lab File: VU038268.D
Acq: 21 May 2020 16:39

Tgt Ion:128 Resp: 122663

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.2	10.2	15.4