Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
Data File : VU038393.D
Acq On : 29 May 2020 21:56
Operator : JC/MD
Sample : L2766-07DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 30 00:06:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	300530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292943	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	146987	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	92989	3.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.60%			
7) Chloroethane-d5	1.93	69	83895	3.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.60%			
11) 1,1-Dichloroethene-d2	2.59	63	140240	3.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.00%			
20) 2-Butanone-d5	4.67	46	347231	51.20	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.40%			
24) Chloroform-d	5.10	84	195939	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.74	65	117747	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.76	84	407001	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.72	67	127985	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	7.92	98	356452	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	8.20	79	48423	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.65	63	281172	52.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.94%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106601	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	141968	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	7164	0.221	ug/L #	1
8) Chloroethane	1.95	64	76194	3.817	ug/L	99
13) Acetone	2.67	43	23370	5.492	ug/L	97
16) Methylene chloride	3.08	84	2447	0.101	ug/L	97
19) 1,1-Dichloroethane	3.91	63	20291	0.456	ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	58378	2.379	ug/L	95
27) 1,2-Dichloroethane	5.81	62	4805	0.164	ug/L #	73
30) Cyclohexane	5.42	56	3294	0.083	ug/L	95
33) Benzene	5.81	78	385748	4.112	ug/L	100
35) Methylcyclohexane	6.79	83	5508	0.145	ug/L	93
37) 1,2-Dichloropropane	6.72	63	14144	0.555	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	3785	0.104	ug/L	90
42) Toluene	7.99	91	763763	7.713	ug/L	98
47) Tetrachloroethene	8.57	164	3290	0.200	ug/L	89
48) 2-Hexanone	8.71	43	15377	1.189	ug/L #	88
49) Dibromochloromethane	8.57	129	2898	0.158	ug/L #	10
51) Chlorobenzene	9.47	112	355781	5.789	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
Data File : VU038393.D
Acq On : 29 May 2020 21:56
Operator : JC/MD
Sample : L2766-07DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 30 00:06:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.59	91	148607	1.385	ug/L	97
53) m,p-Xylene	9.71	106	272634	6.628	ug/L	100
54) o-Xylene	10.12	106	54612	1.373	ug/L	96
56) Isopropylbenzene	10.50	105	47736	0.467	ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	23682	1.385	ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	12562	0.259	ug/L	95
65) 1,2-Dichlorobenzene	12.22	146	9470	0.206	ug/L	96
69) Naphthalene	14.12	128	7321	0.110	ug/L	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
Data File : VU038393.D
Acq On : 29 May 2020 21:56
Operator : JC/MD
Sample : L2766-07DL 20X
Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
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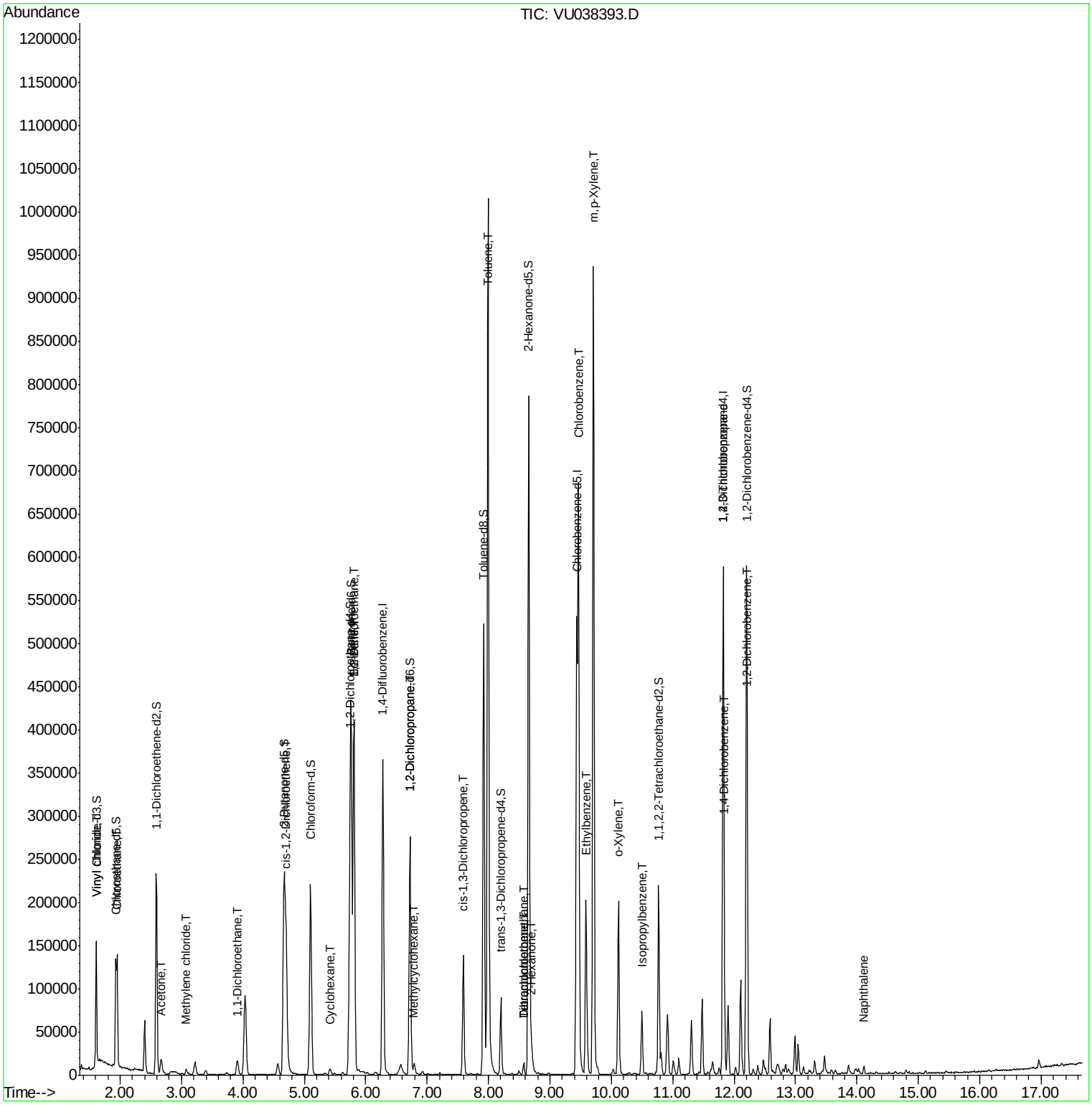
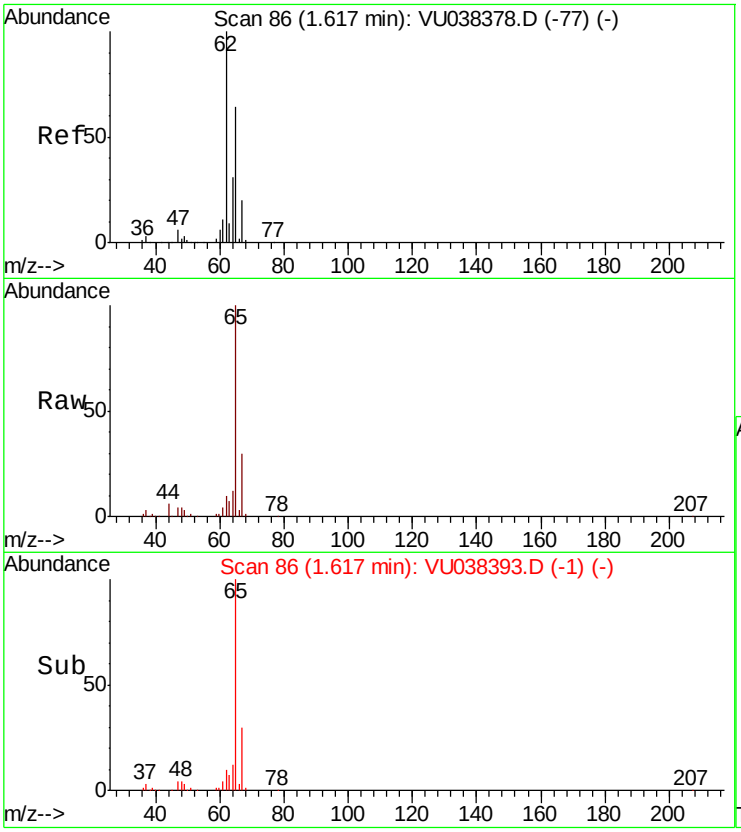
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration



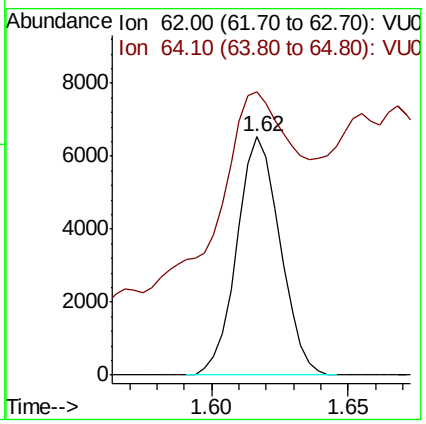


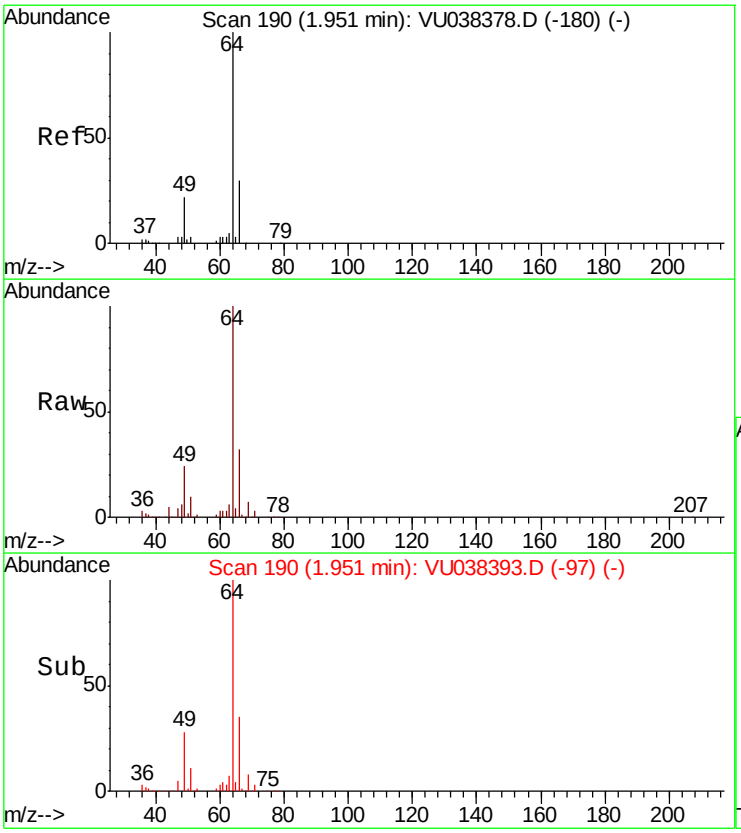
#5
Vinyl chloride
Concen: 0.221 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 7164

Ion	Ratio	Lower	Upper
62	100		
64	118.7	22.8	42.4#

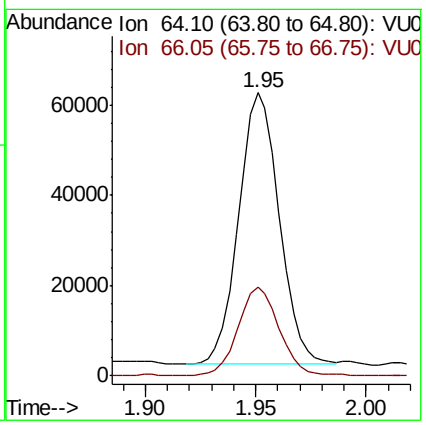


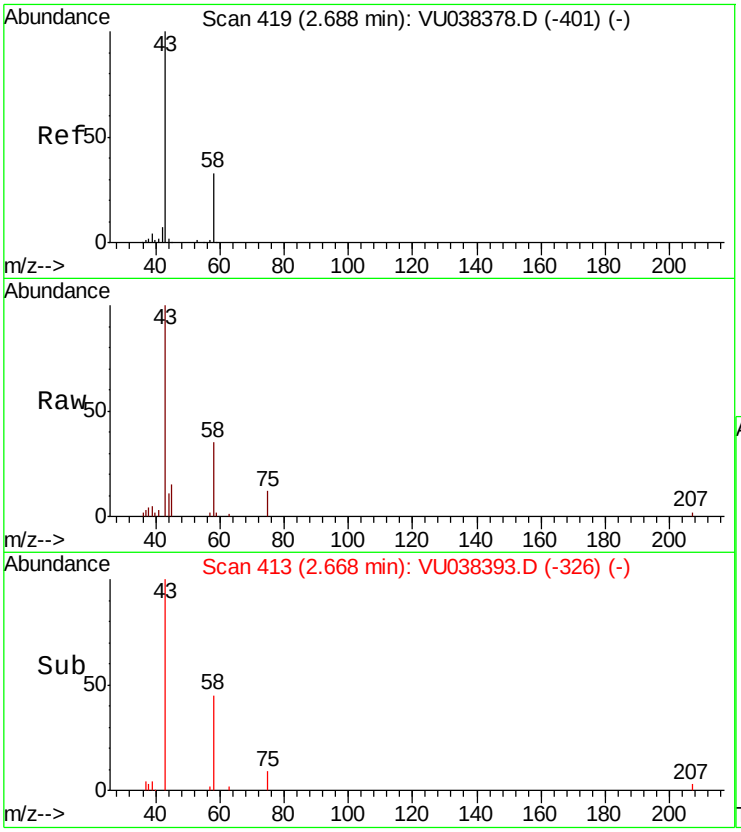


#8
Chloroethane
Concen: 3.817 ug/L
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion: 64 Resp: 76194

Ion	Ratio	Lower	Upper
64	100		
66	31.6	21.8	40.4



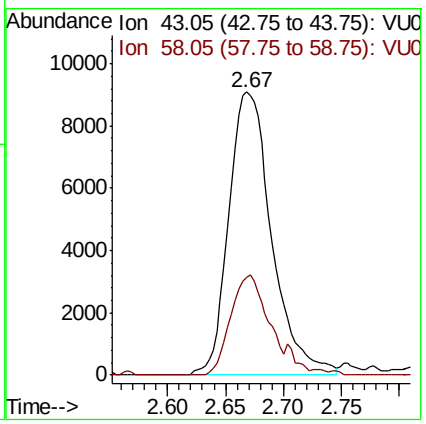


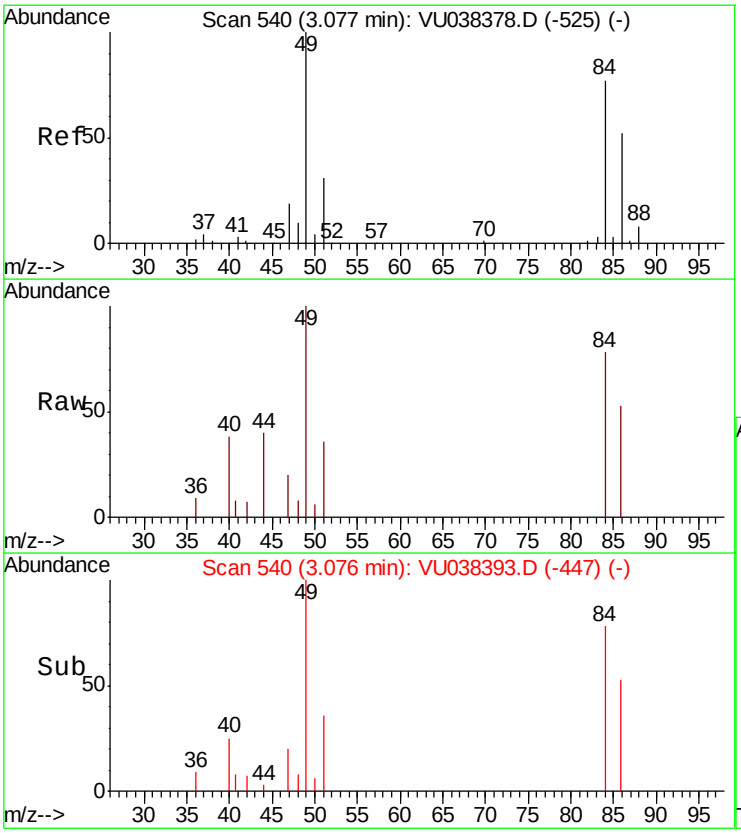
#13
Acetone
Concen: 5.492 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.02 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 23370

Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	63.6

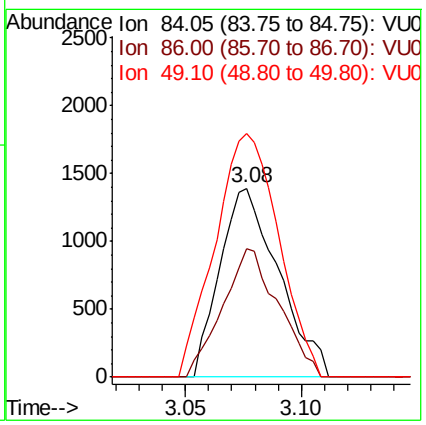


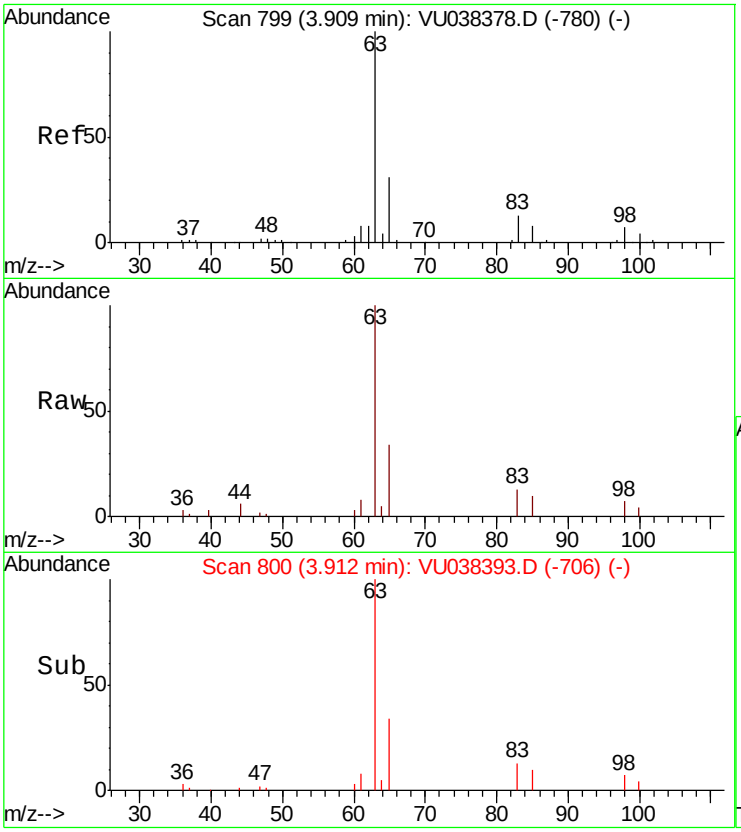


#16
Methylene chloride
Concen: 0.101 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion: 84 Resp: 2447

Ion	Ratio	Lower	Upper
84	100		
86	68.2	44.9	83.3
49	129.0	92.0	170.9



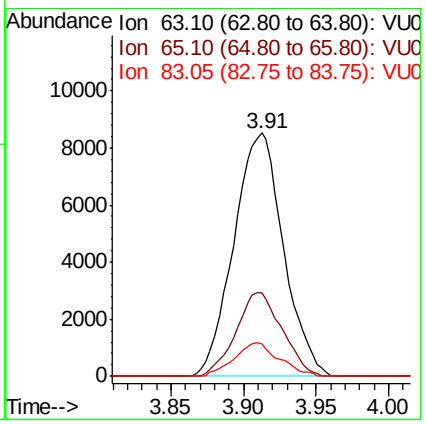


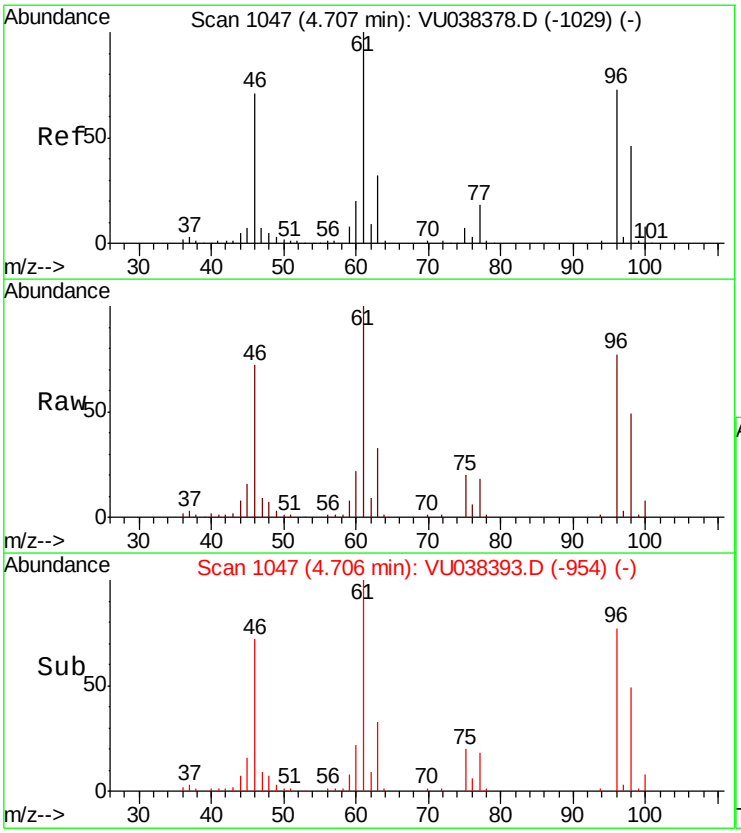
#19
1,1-Dichloroethane
Concen: 0.456 ug/L
RT: 3.91 min Scan# 800
Delta R.T. 0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 20291

Ion	Ratio	Lower	Upper
63	100		
65	34.1	22.5	41.7
83	13.3	8.9	16.5

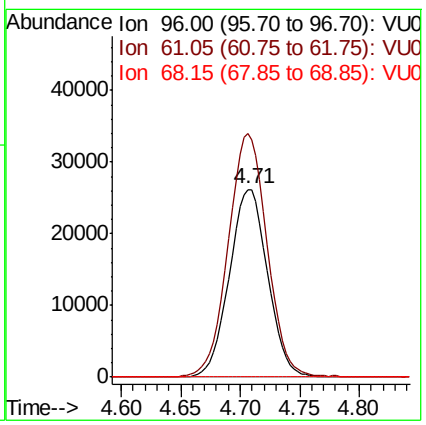


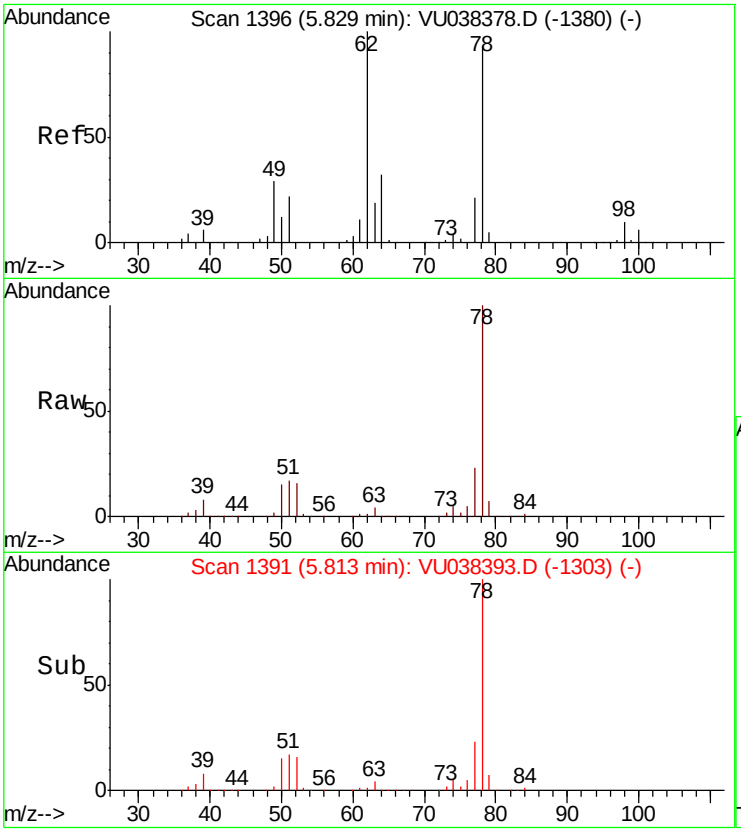


#22
cis-1,2-Dichloroethene
Concen: 2.379 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion: 96 Resp: 58378

Ion	Ratio	Lower	Upper
96	100		
61	129.6	95.3	176.9
68	0.0	0.0	0.0



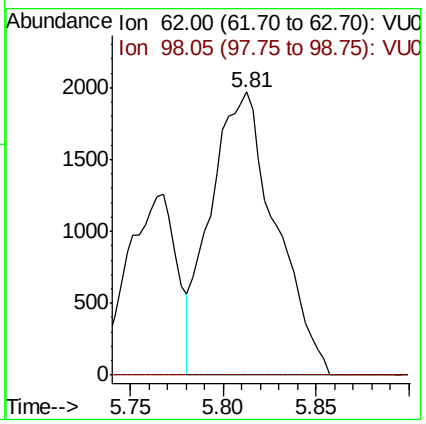


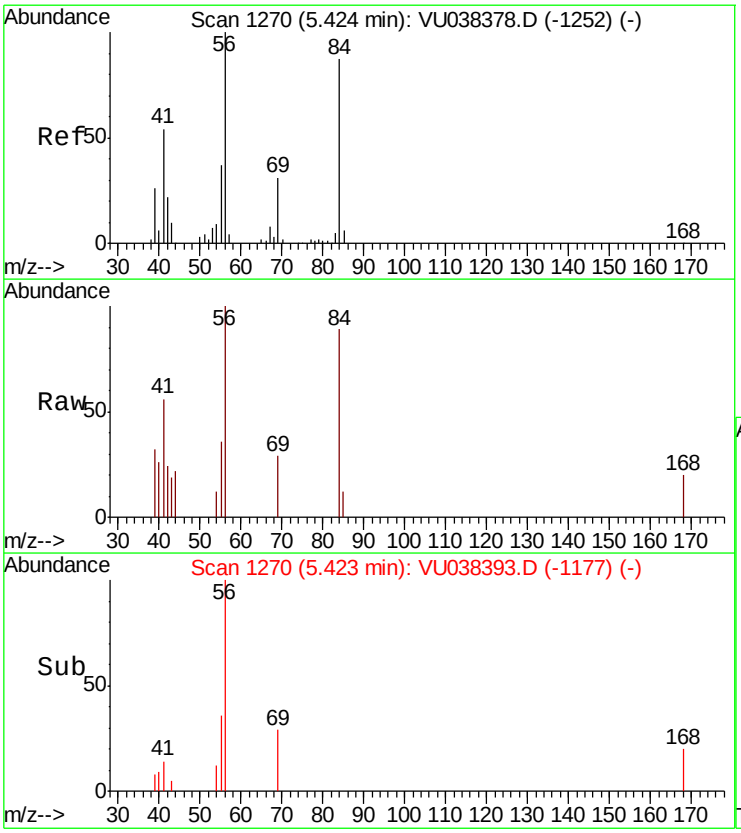
#27
1,2-Dichloroethane
Concen: 0.164 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. -0.02 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 4805

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

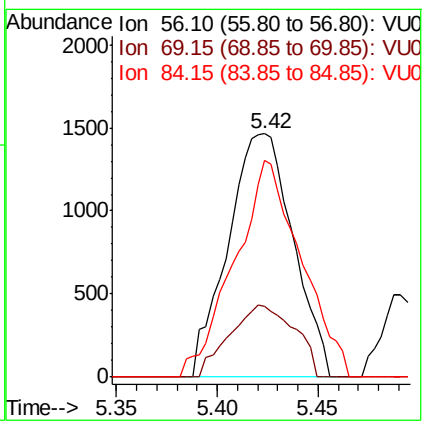


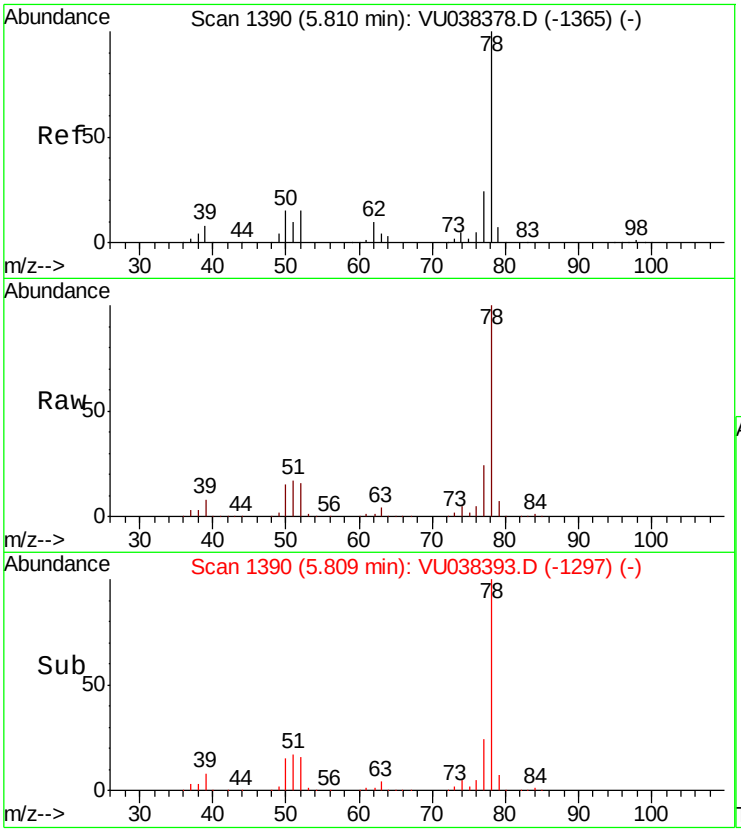


#30
Cyclohexane
Concen: 0.083 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion: 56 Resp: 3294

Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.2	36.4
84	90.8	68.5	102.7

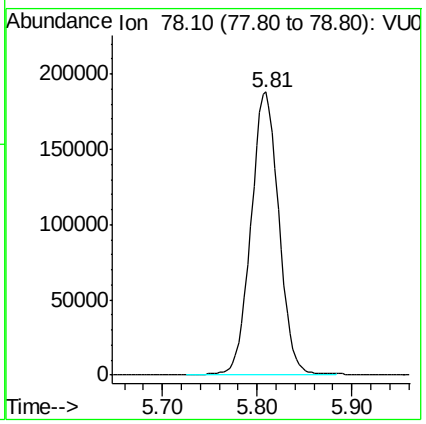


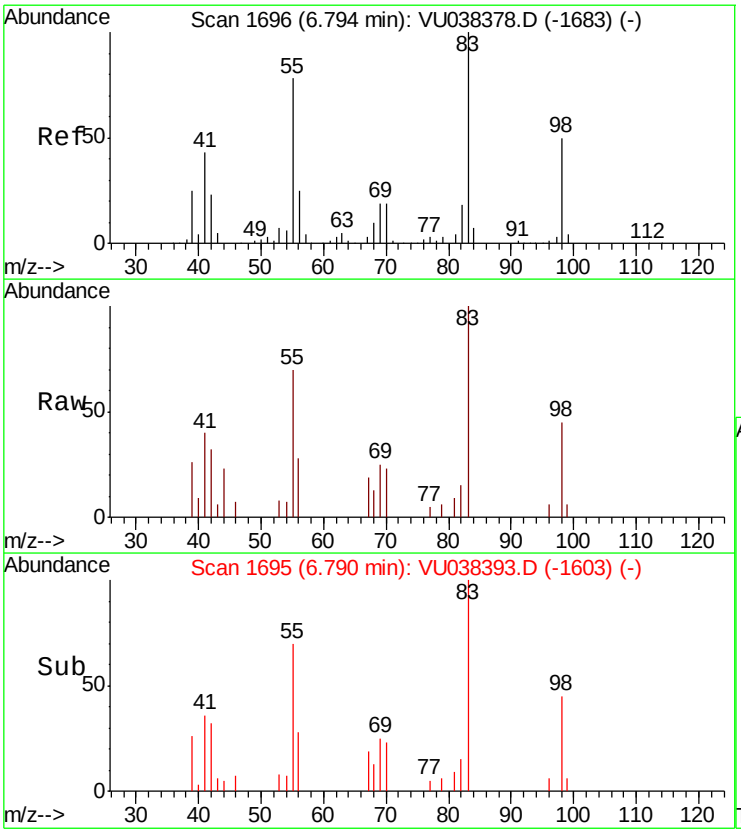


#33
Benzene
Concen: 4.112 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 385748

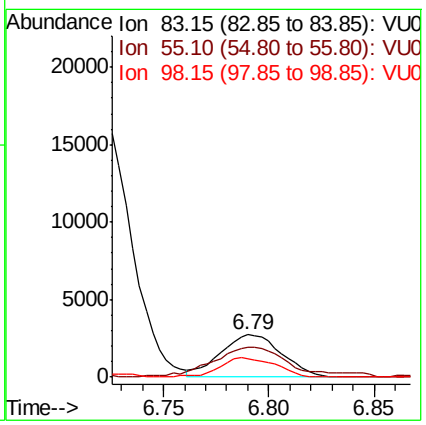


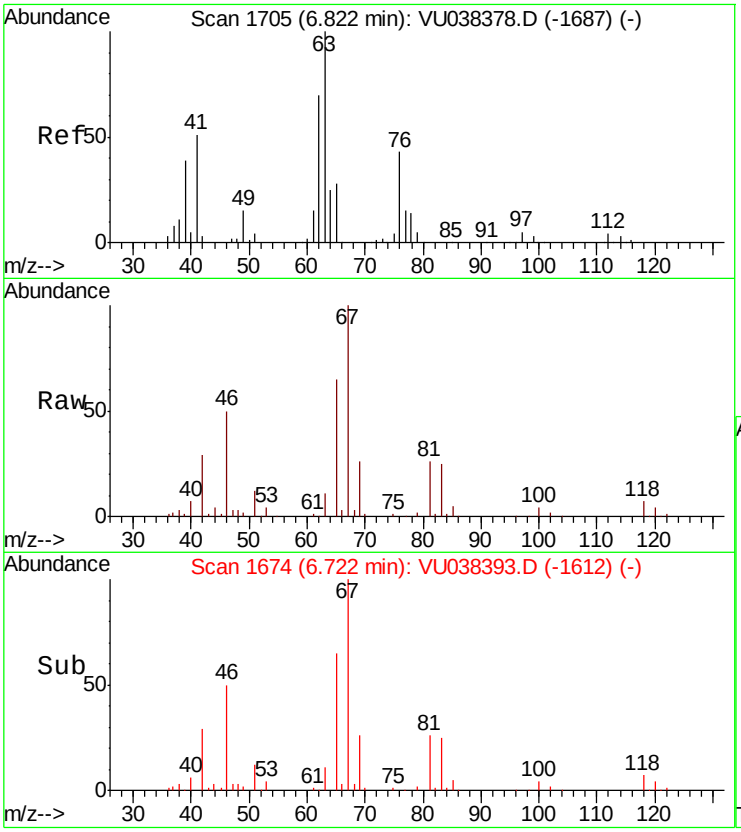


#35
Methylcyclohexane
Concen: 0.145 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion: 83 Resp: 5508

Ion	Ratio	Lower	Upper
83	100		
55	87.1	66.7	100.1
98	42.0	39.4	59.2



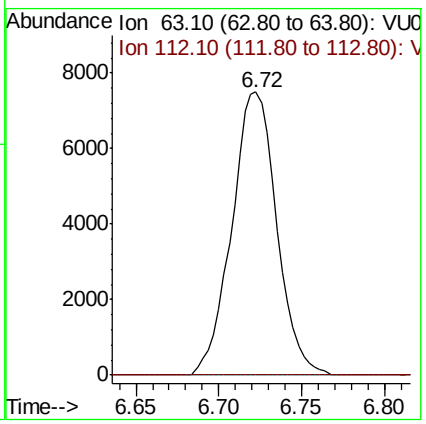


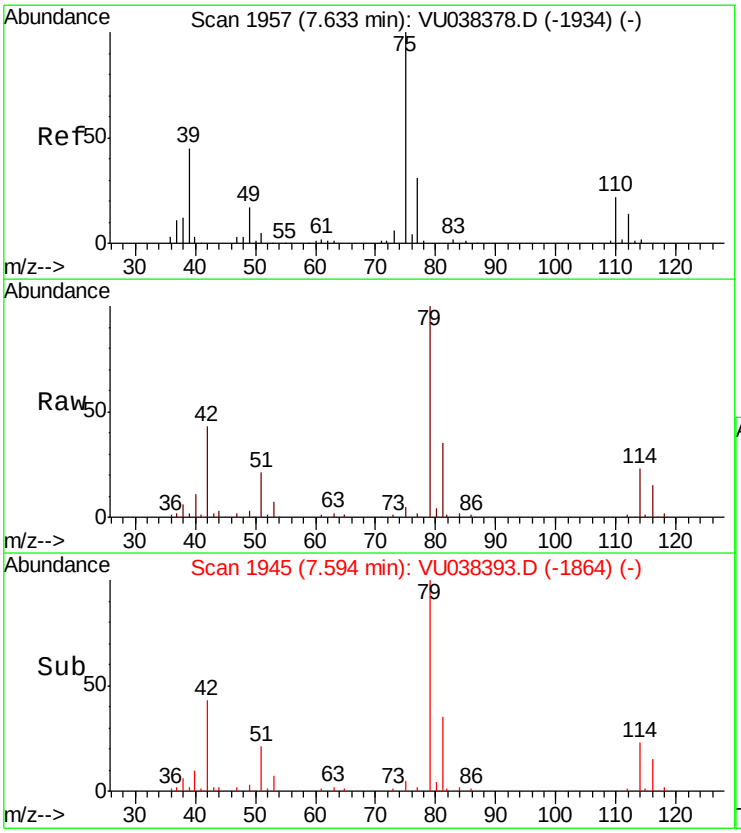
#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 14144

Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.1	4.7#

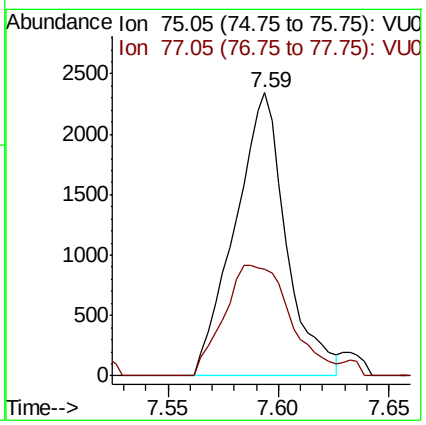


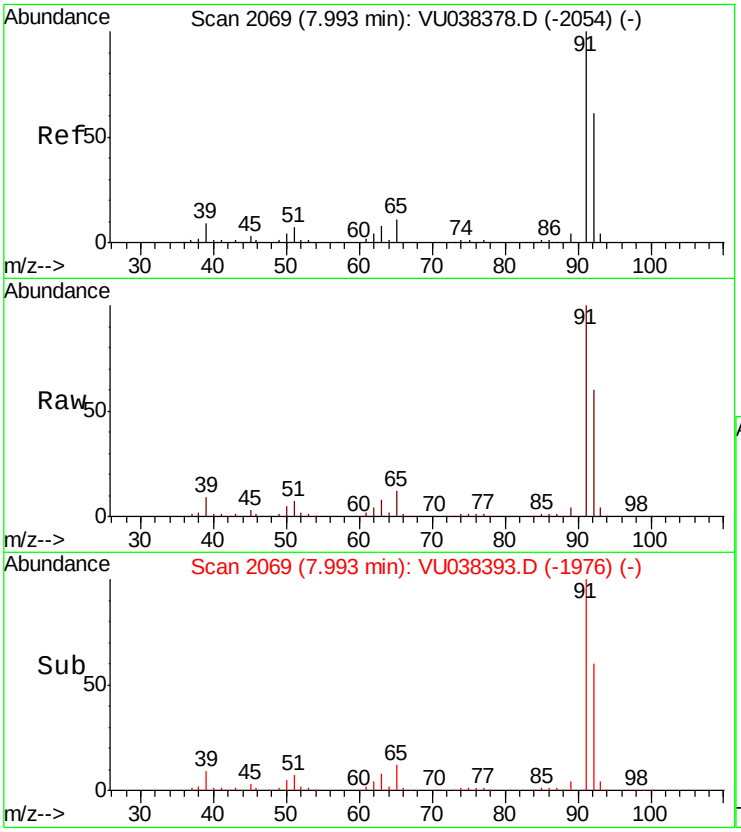


#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion: 75 Resp: 3785

Ion	Ratio	Lower	Upper
75	100		
77	37.7	22.4	41.6



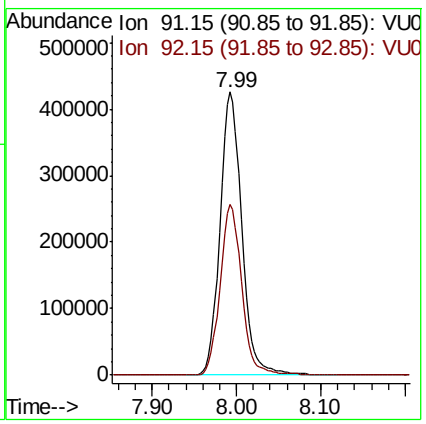


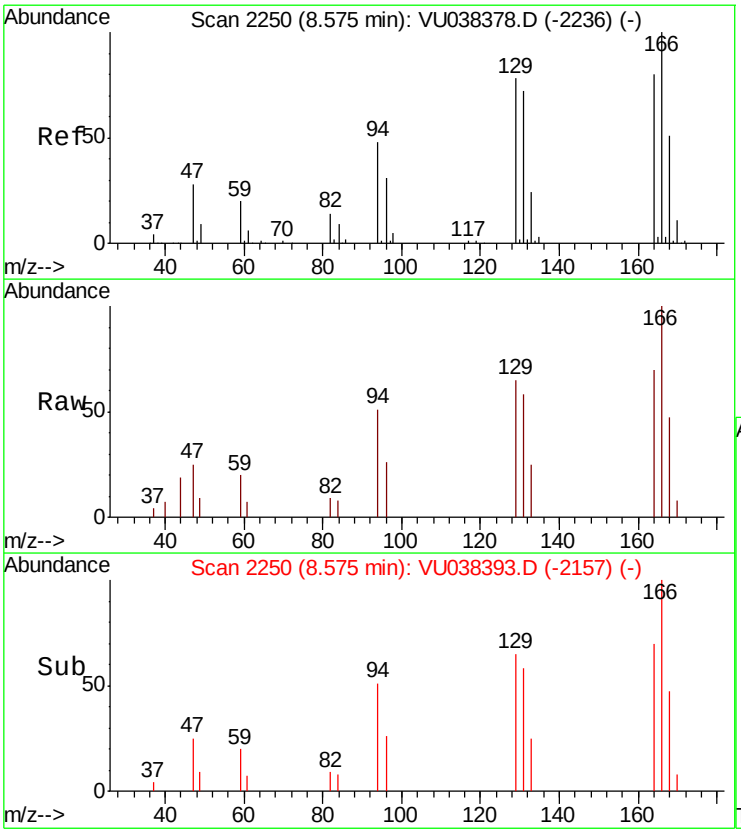
#42
Toluene
Concen: 7.713 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 763763

Ion	Ratio	Lower	Upper
91	100		
92	60.1	40.9	75.9

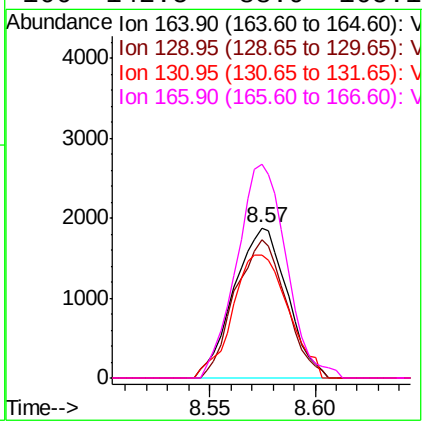


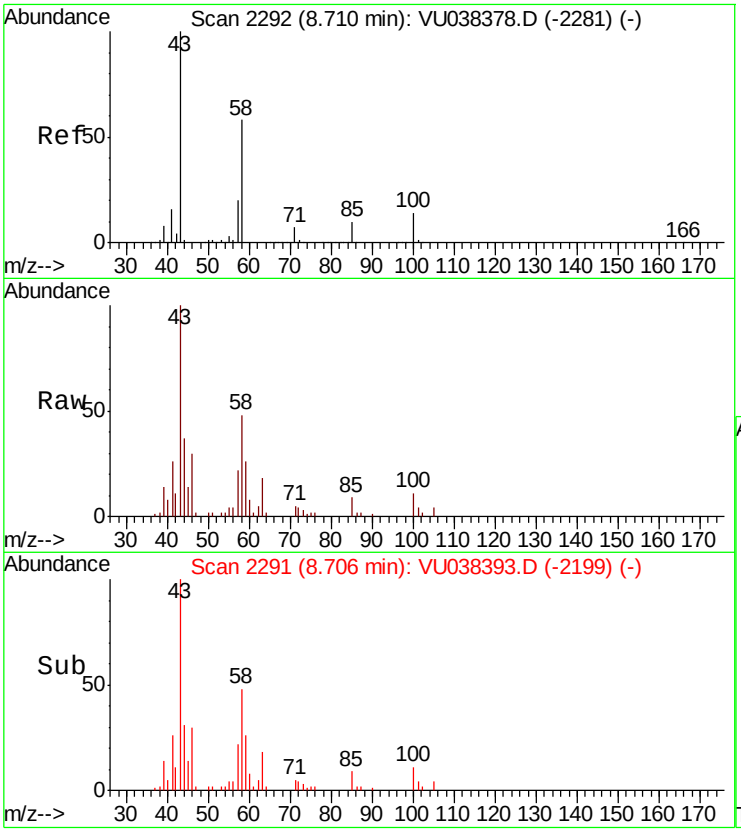


#47
Tetrachloroethene
Concen: 0.200 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion:164 Resp: 3290

Ion	Ratio	Lower	Upper
164	100		
129	92.2	68.8	127.8
131	82.1	66.8	124.2
166	142.5	88.9	165.1



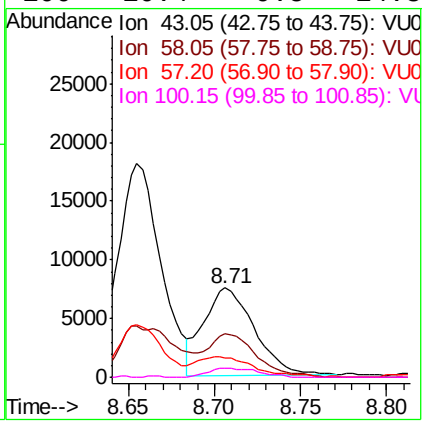


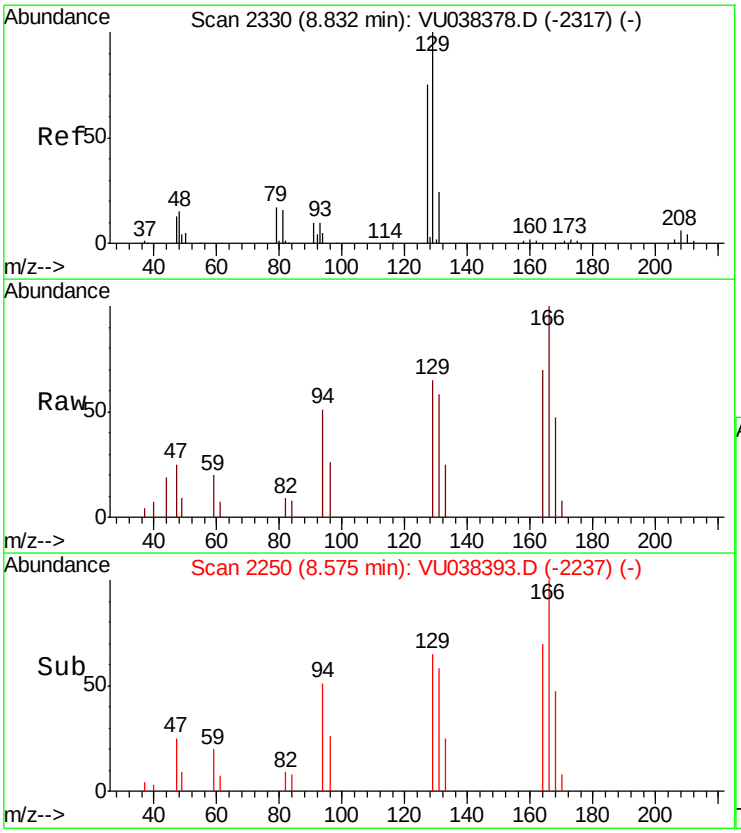
#48
2-Hexanone
Concen: 1.189 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 15377

Ion	Ratio	Lower	Upper
43	100		
58	46.8	45.2	67.8
57	26.5	15.5	23.3#
100	10.4	9.5	14.3

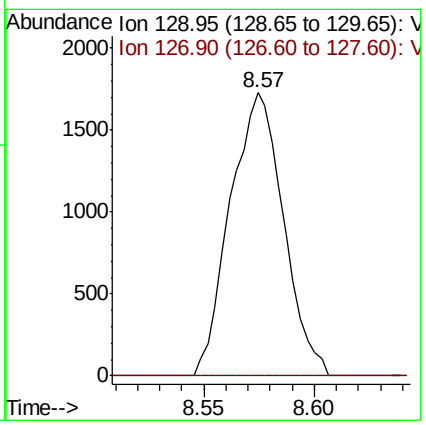


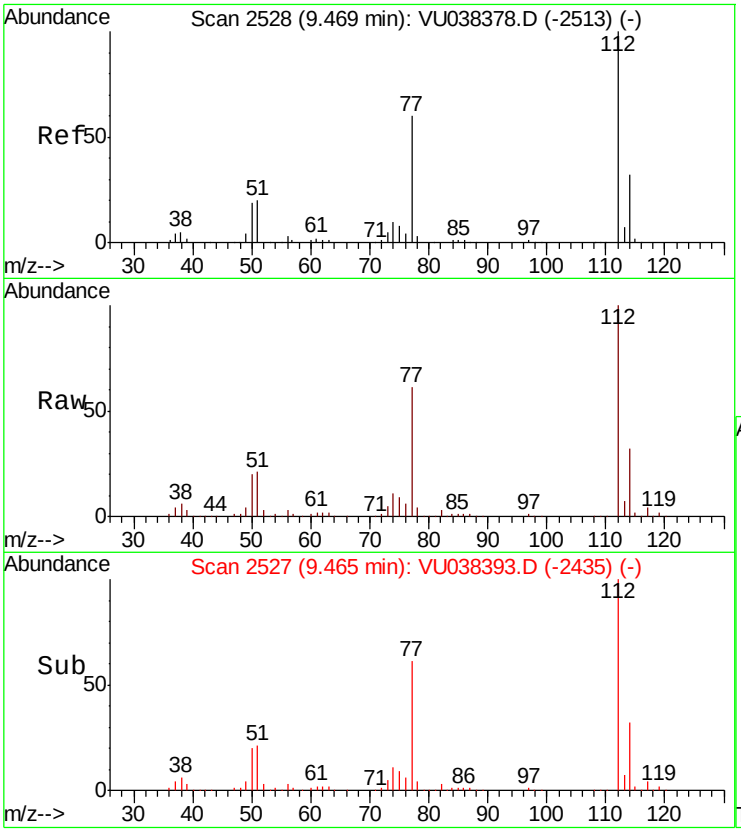


#49
Dibromochloromethane
Concen: 0.158 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion:129 Resp: 2898

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#



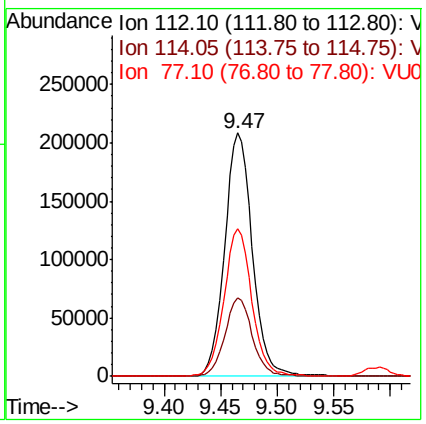


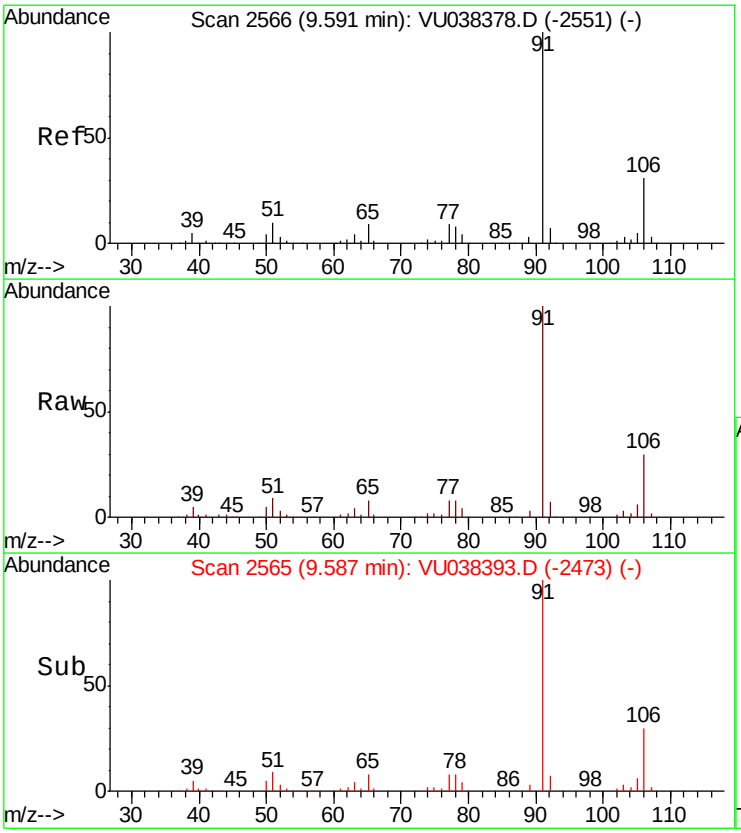
#51
Chlorobenzene
Concen: 5.789 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 355781

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.7
77	60.5	49.9	74.9

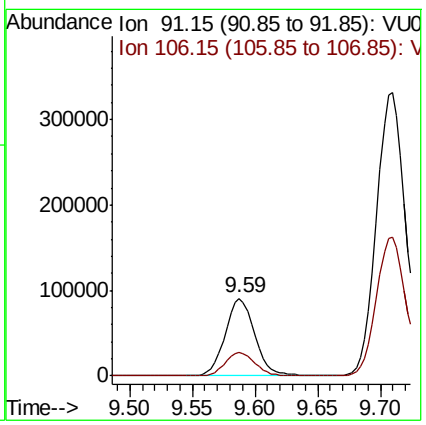


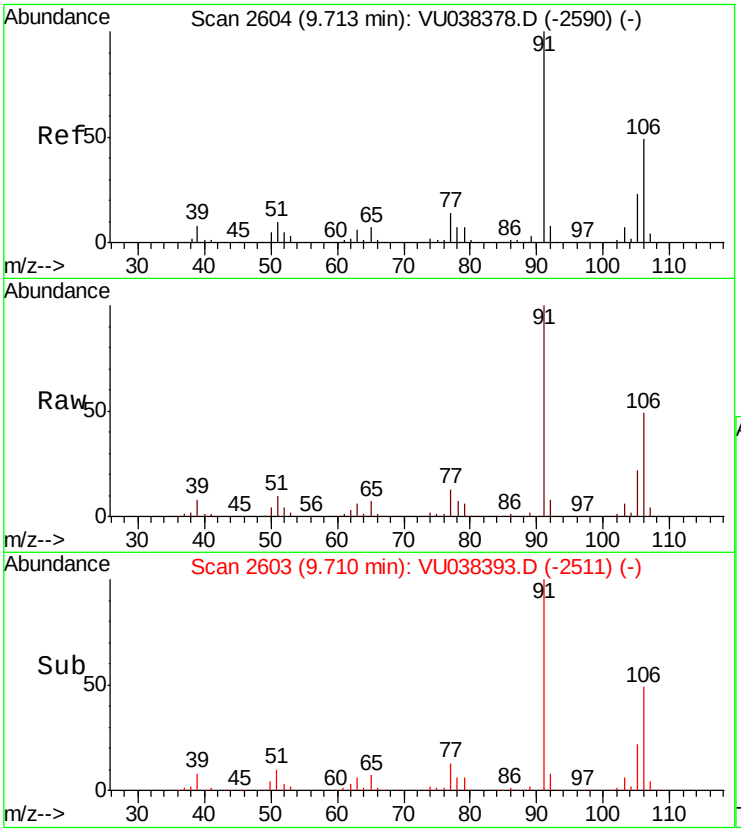


#52
Ethylbenzene
Concen: 1.385 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion: 91 Resp: 148607

Ion	Ratio	Lower	Upper
91	100		
106	29.6	21.8	40.4



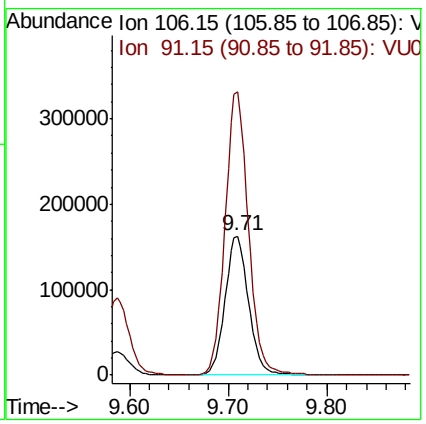


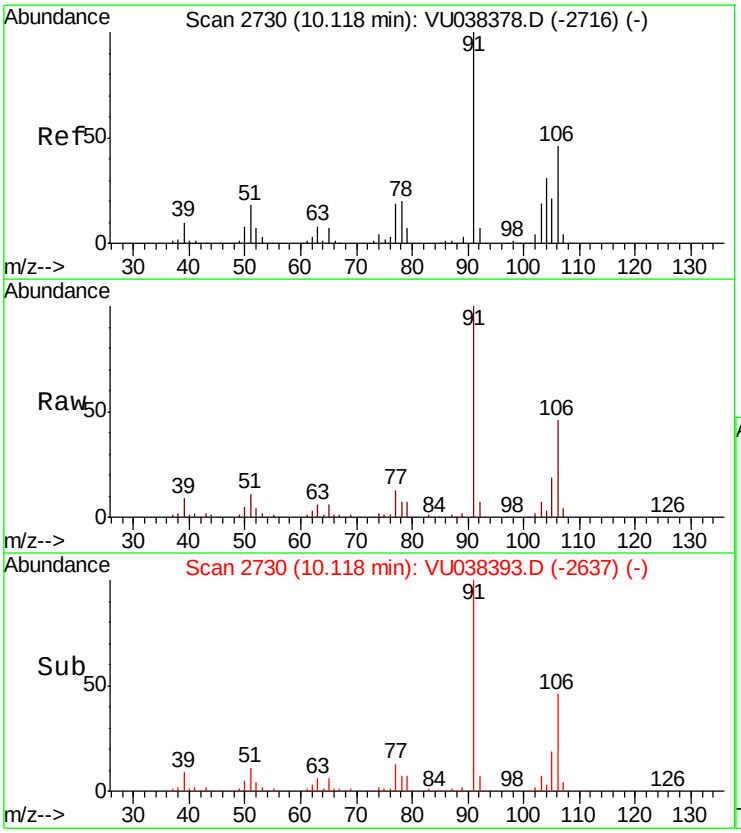
#53
m,p-Xylene
Concen: 6.628 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 272634

Ion	Ratio	Lower	Upper
106	100		
91	203.1	142.1	263.9

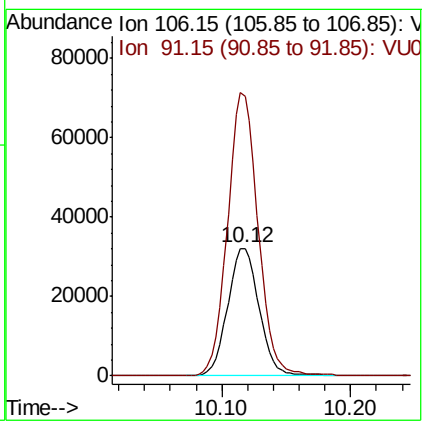


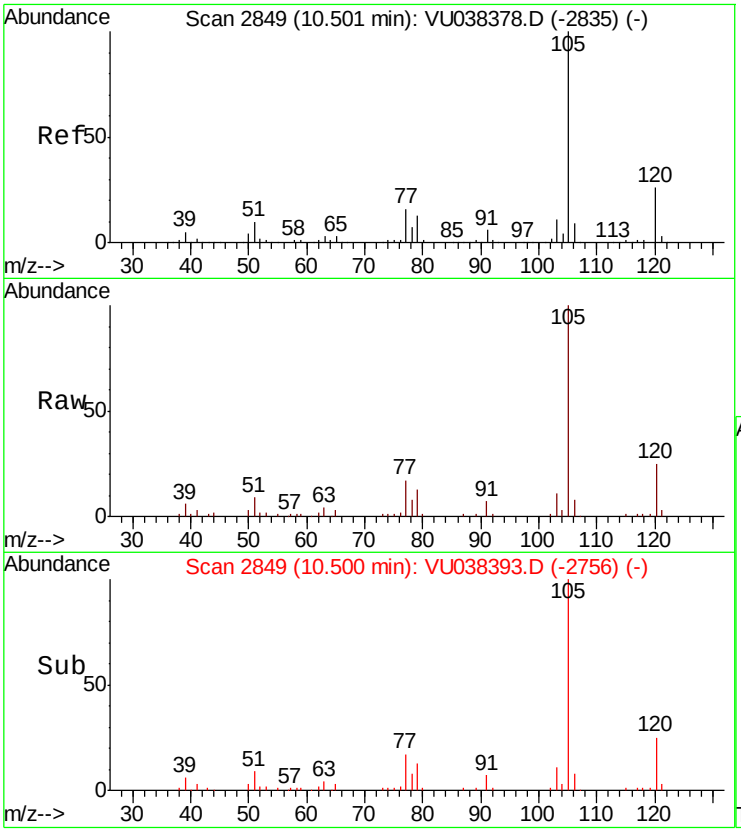


#54
o-Xylene
Concen: 1.373 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion:106 Resp: 54612

Ion	Ratio	Lower	Upper
106	100		
91	218.8	148.5	275.9



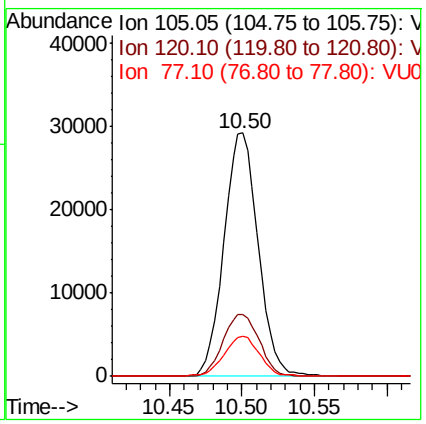


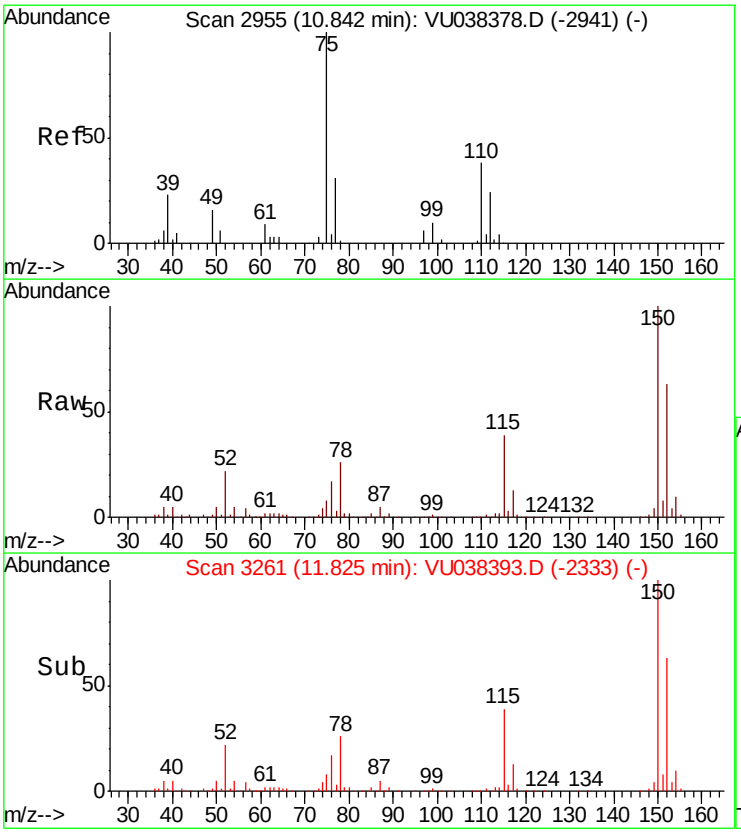
#56
Isopropylbenzene
Concen: 0.467 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 47736

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.0	31.6
77	17.2	13.0	19.4

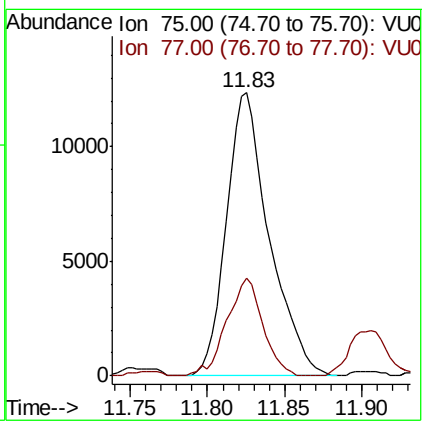


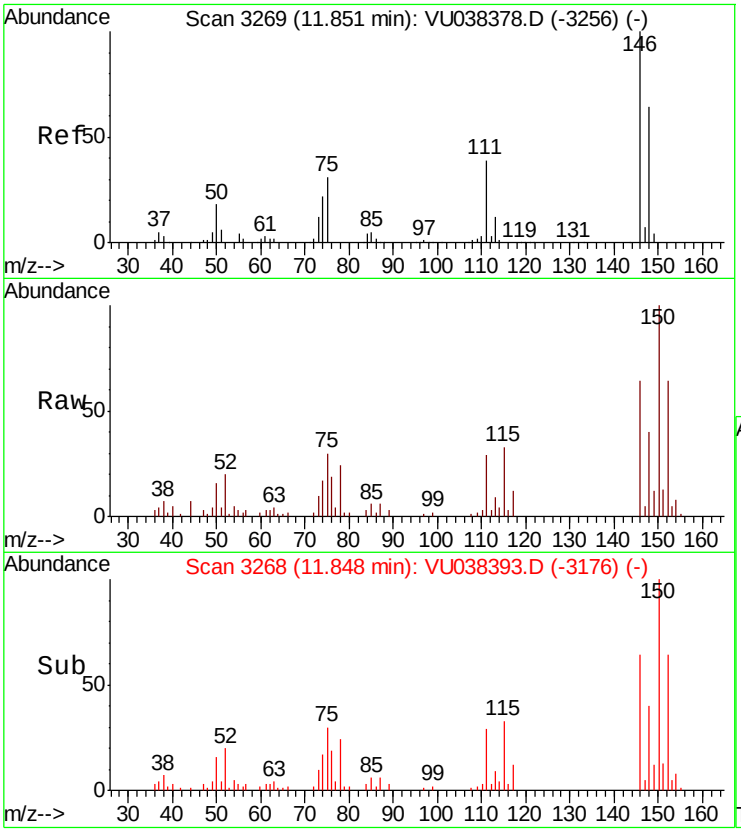


#59
1,2,3-Trichloropropane
Concen: 1.385 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion: 75 Resp: 23682

Ion	Ratio	Lower	Upper
75	100		
77	29.0	25.4	38.0



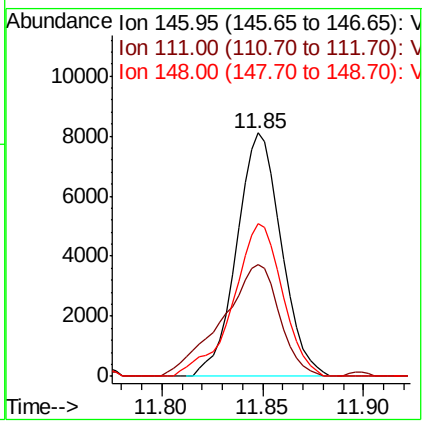


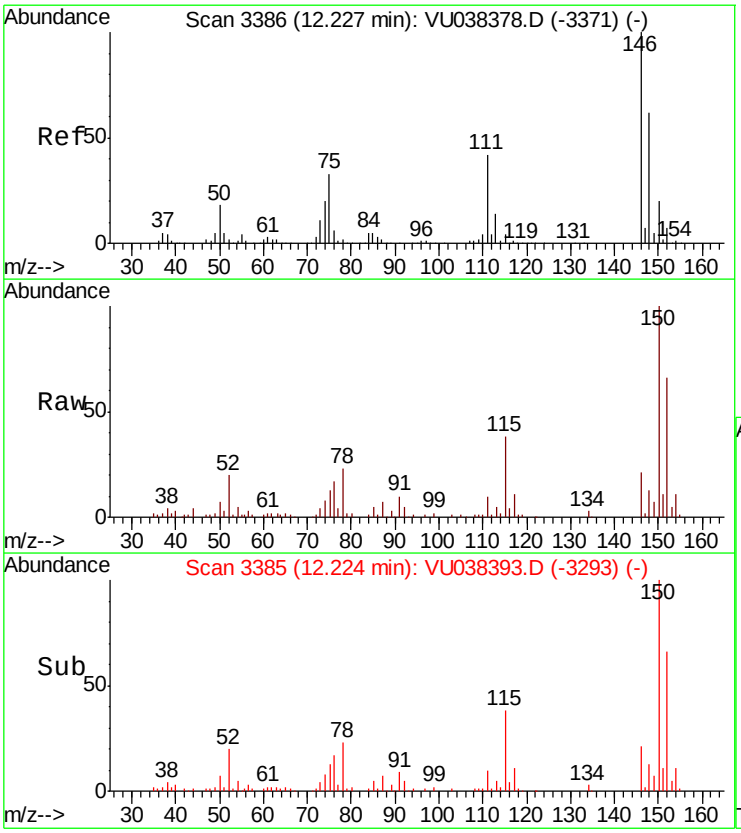
#63
1,4-Dichlorobenzene
Concen: 0.259 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 12562

Ion	Ratio	Lower	Upper
146	100		
111	45.8	27.2	50.6
148	62.8	43.8	81.3

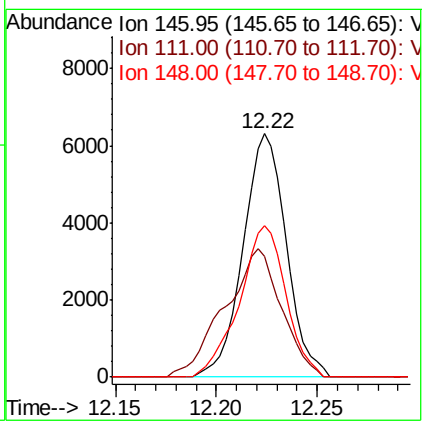


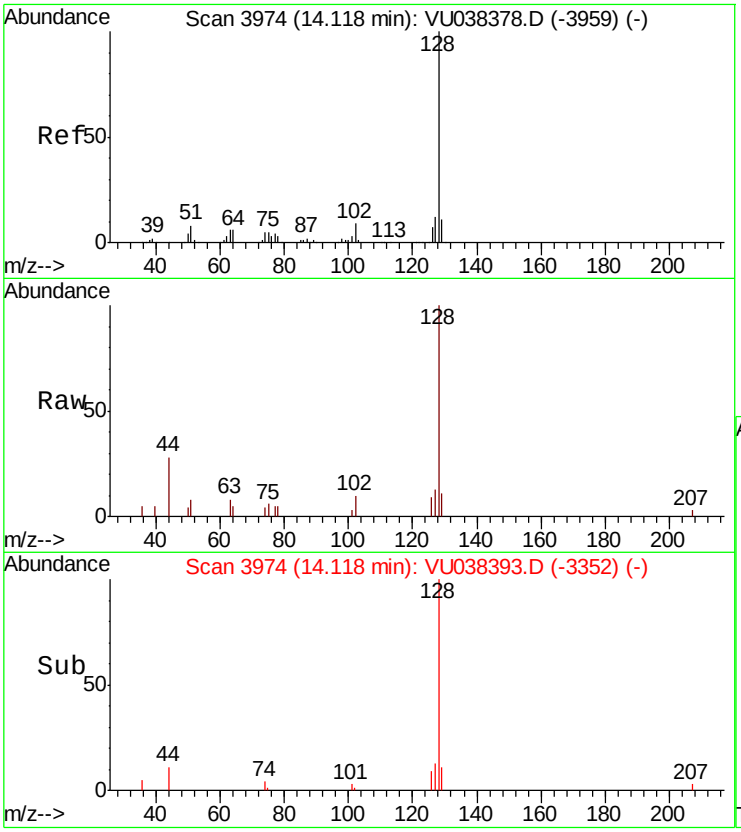


#65
1,2-Dichlorobenzene
Concen: 0.206 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Tgt Ion:146 Resp: 9470

Ion	Ratio	Lower	Upper
146	100		
111	49.4	35.3	52.9
148	62.3	51.0	76.4





#69
Naphthalene
Concen: 0.110 ug/L
RT: 14.12 min Scan# 3974
Delta R.T. -0.00 min
Lab File: VU038393.D
Acq: 29 May 2020 21:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 7321

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.7	13.1
127	14.5	10.2	15.4