Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
Data File : VU039931.D
Acq On : 21 Aug 2020 16:26
Operator : SY/MD
Sample : L3776-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y06

Quant Time: Aug 22 00:48:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	72755	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34478	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27750	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.92	69	25780	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.58	63	37034	3.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.20%			
20) 2-Butanone-d5	4.65	46	101269	49.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.72%			
24) Chloroform-d	5.08	84	57680	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.72	65	32537	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.74	84	98424	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
36) 1,2-Dichloropropane-d6	6.70	67	34084	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.80%			
41) Toluene-d8	7.91	98	86256	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
43) trans-1,3-Dichloropropene-	8.19	79	13651	4.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.60%			
46) 2-Hexanone-d5	8.64	63	75157	46.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.96%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30281	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	34826	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	488	0.094	ug/L #	42
13) Acetone	2.83	43	11076	7.981	ug/L	84
15) Methyl Acetate	2.87	43	15994	4.490	ug/L #	56
17) Methyl tert-butyl Ether	3.38	73	8443	0.526	ug/L	97
19) 1,1-Dichloroethane	3.89	63	97182	7.932	ug/L	97
21) 2-Butanone	4.74	43	2939	1.219	ug/L #	67
35) Methylcyclohexane	6.71	83	7604	0.681	ug/L #	22
37) 1,2-Dichloropropane	6.70	63	4143	0.555	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1117	0.107	ug/L #	37
42) Toluene	7.98	91	3068	0.107	ug/L	92
59) 1,2,3-Trichloropropane	11.81	75	5416	1.012	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	949	0.117	ug/L	93
69) Naphthalene	14.07	128	2962	0.198	ug/L #	94
70) 1,2,3-Trichlorobenzene	14.32	180	1008	0.133	ug/L	89

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

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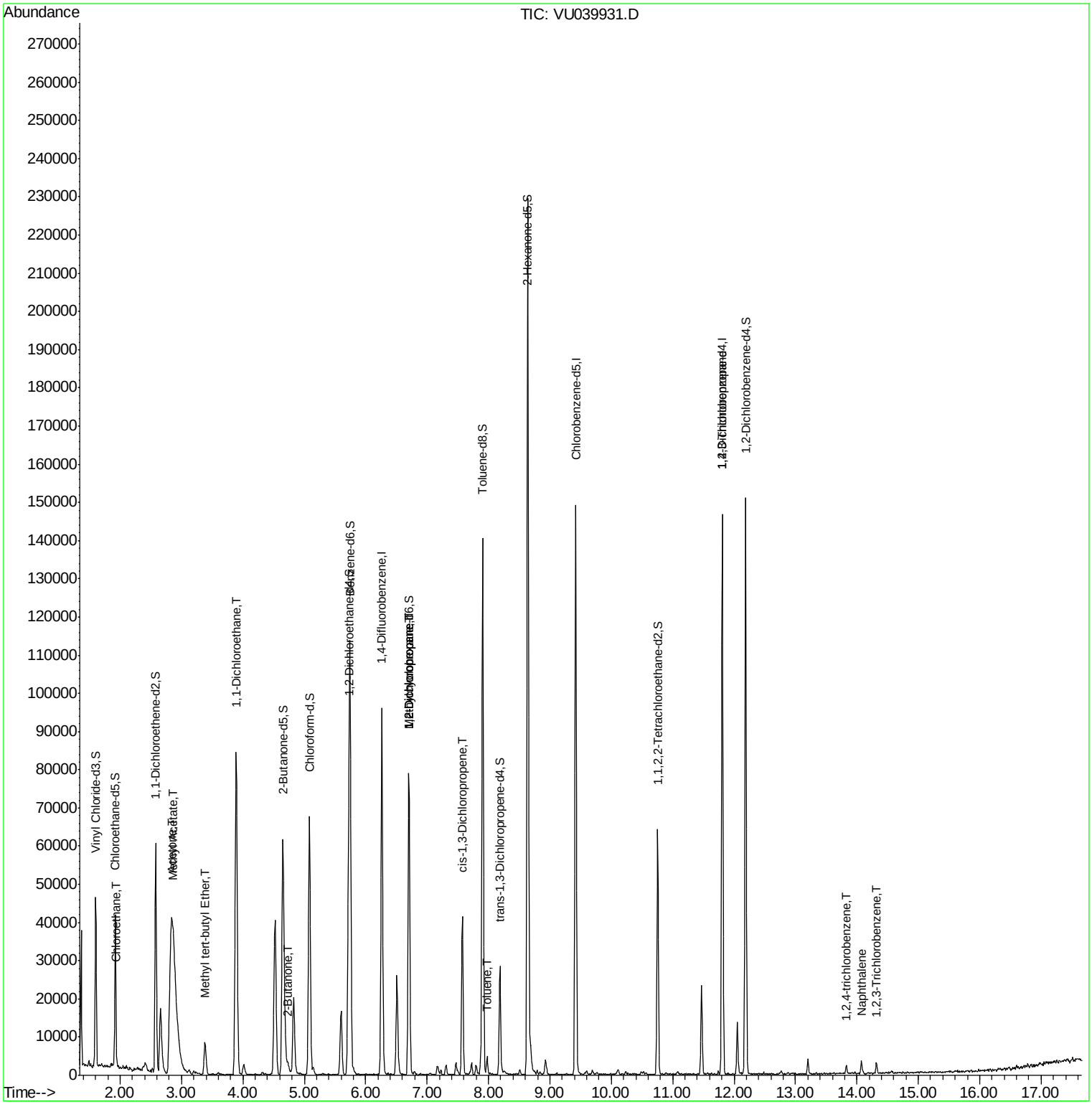
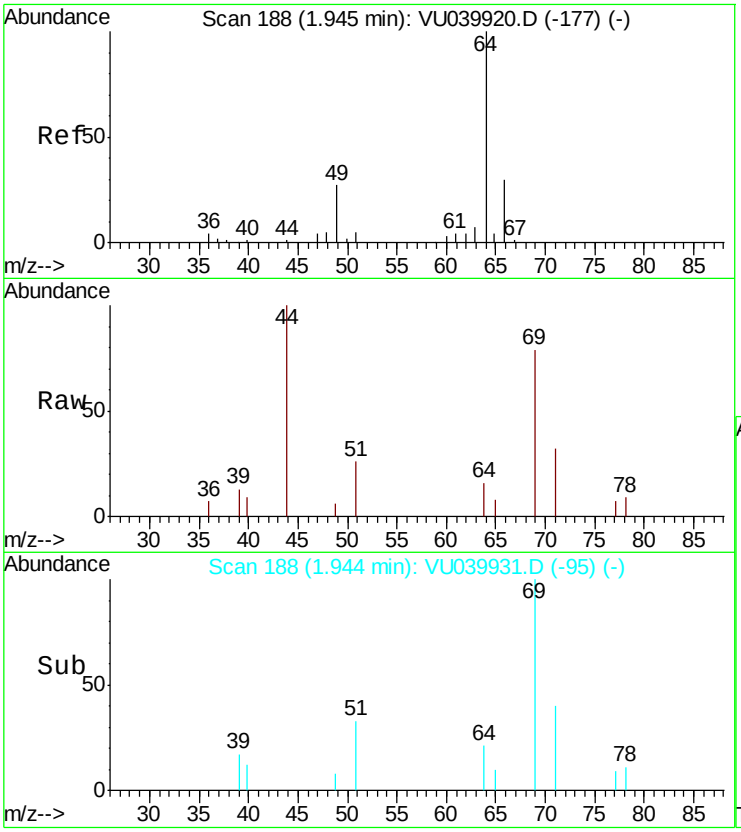
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration



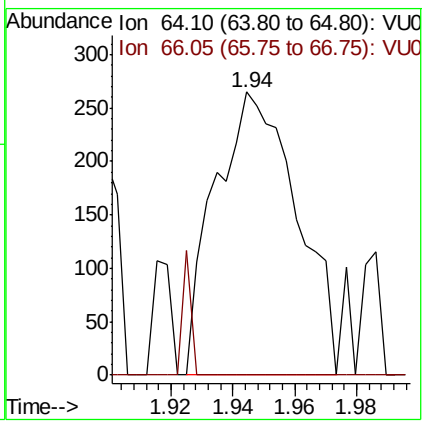


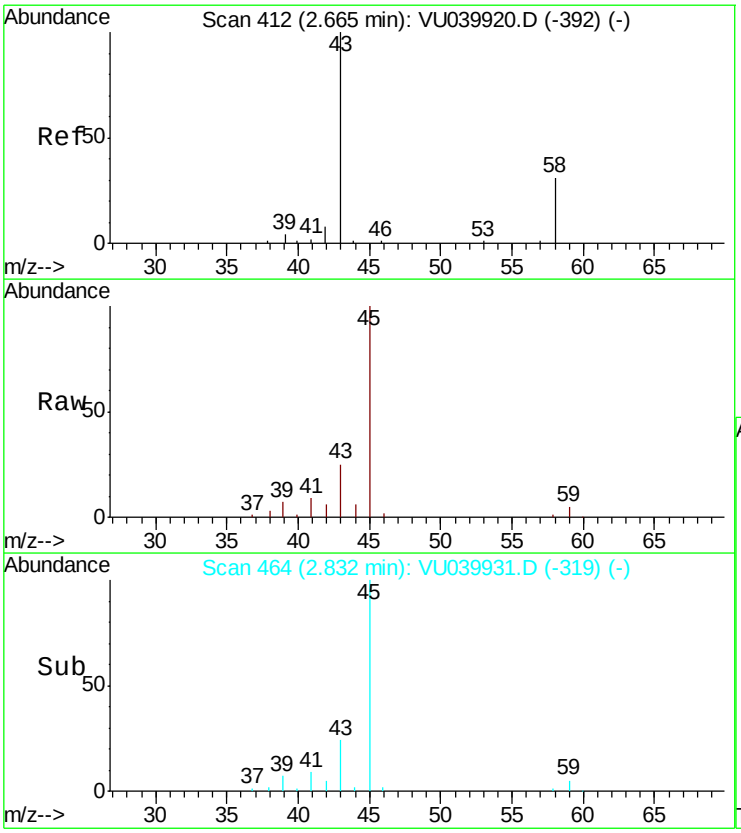
#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Instrument :
MSVOA_U
ClientSampleId :
F4Y06

Tgt Ion: 64 Resp: 488

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.6	42.0#

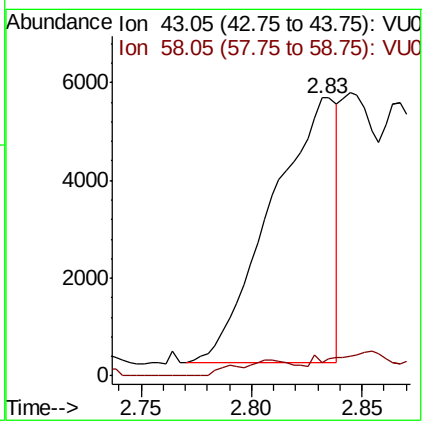


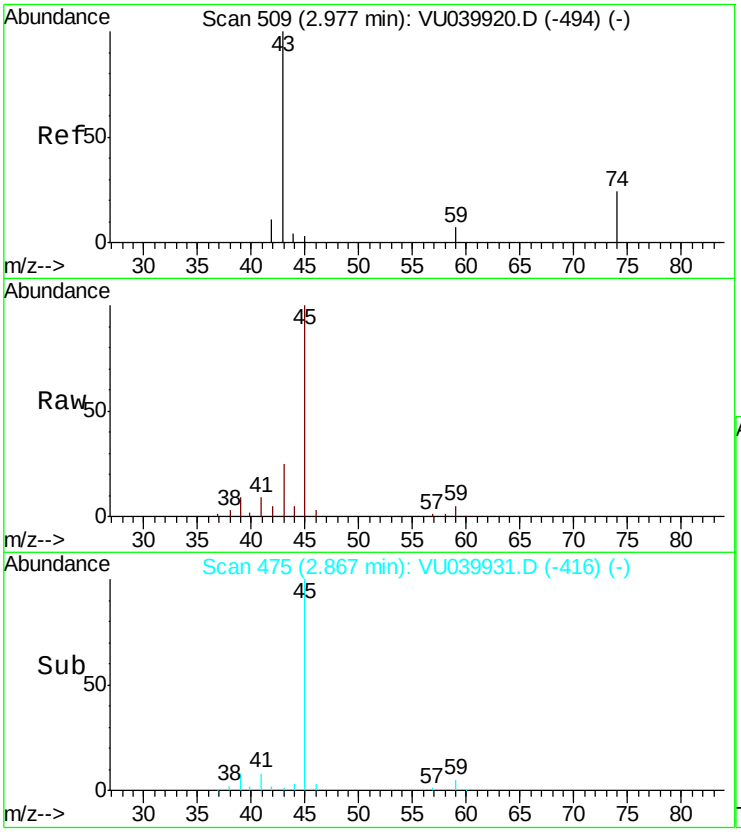


#13
Acetone
Concen: 7.981 ug/L
RT: 2.83 min Scan# 464
Delta R.T. 0.17 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Tgt Ion: 43 Resp: 11076

Ion	Ratio	Lower	Upper
43	100		
58	3.8	0.0	19.0



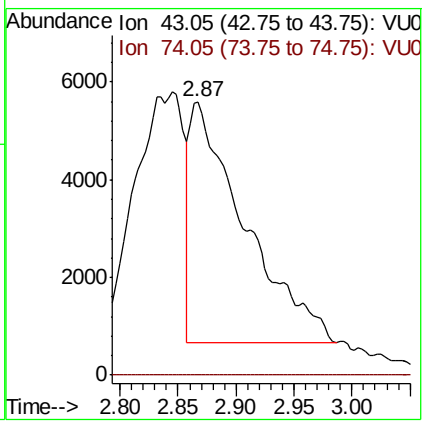


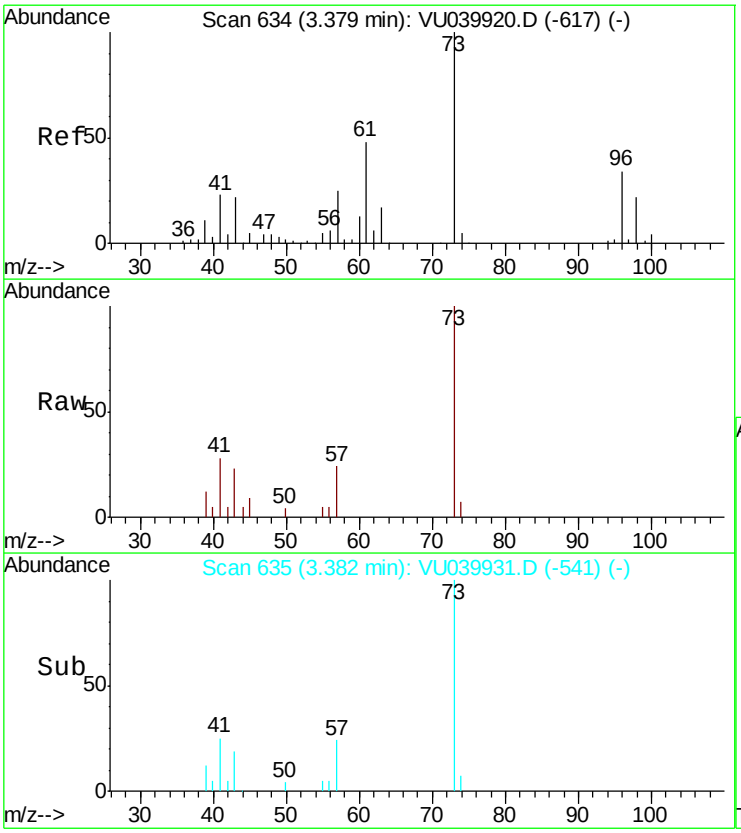
#15
Methyl Acetate
Concen: 4.490 ug/L
RT: 2.87 min Scan# 475
Delta R.T. -0.11 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Instrument : MSVOA_U
ClientSampleId : F4Y06

Tgt Ion: 43 Resp: 15994

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#

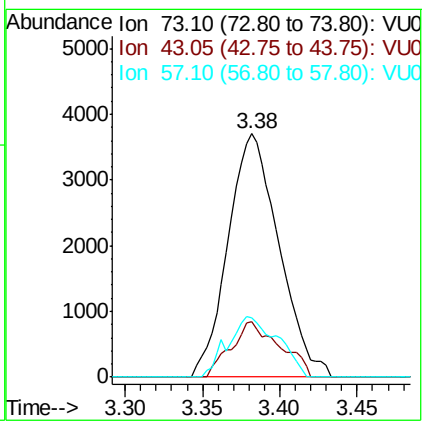


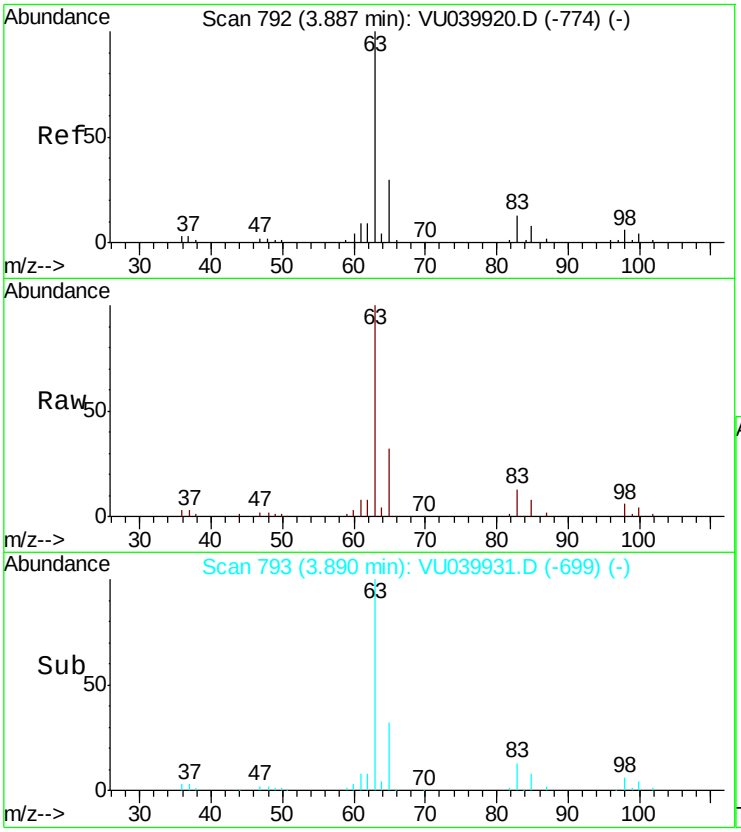


#17
Methyl tert-butyl Ether
Concen: 0.526 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Tgt Ion: 73 Resp: 8443

Ion	Ratio	Lower	Upper
73	100		
43	21.9	16.6	24.8
57	24.5	18.2	27.4



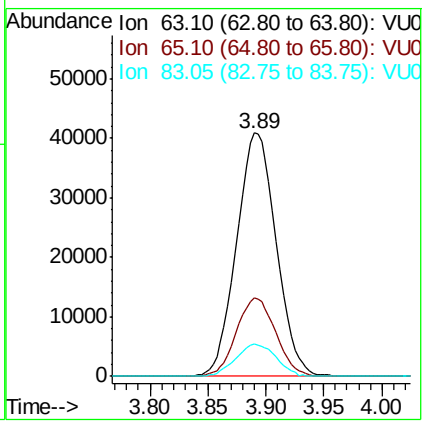


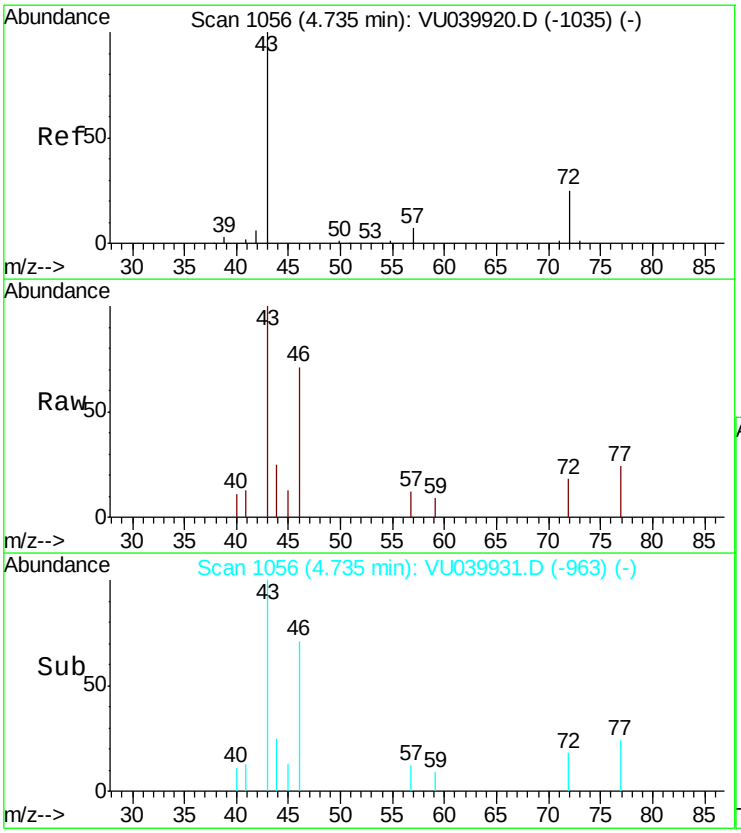
#19
1,1-Dichloroethane
Concen: 7.932 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Instrument : MSVOA_U
ClientSampleId : F4Y06

Tgt Ion: 63 Resp: 97182

Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.6	40.0
83	13.1	10.3	19.1

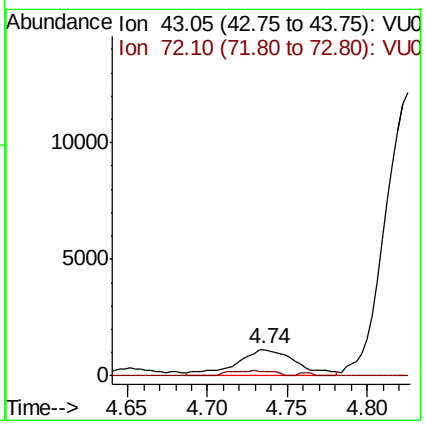


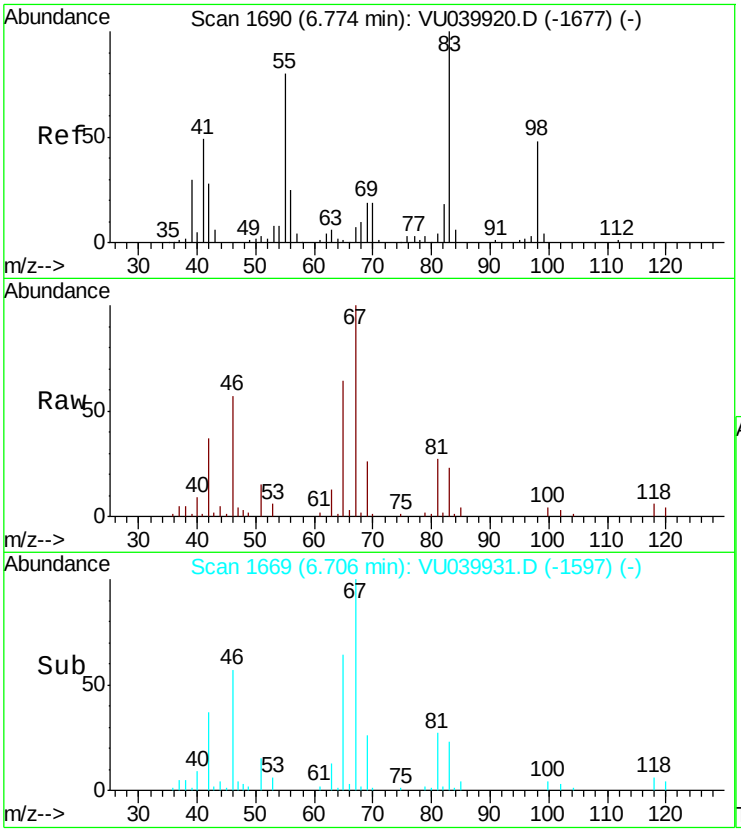


#21
2-Butanone
Concen: 1.219 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Tgt Ion: 43 Resp: 2939

Ion	Ratio	Lower	Upper
43	100		
72	8.8	12.7	38.0#



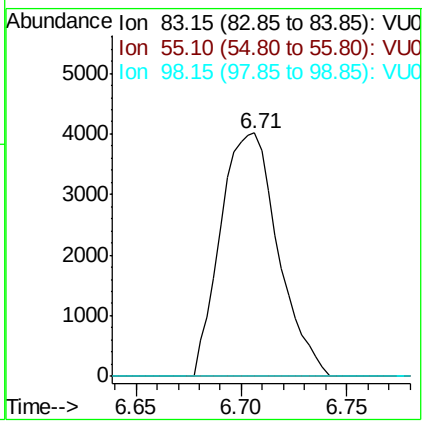


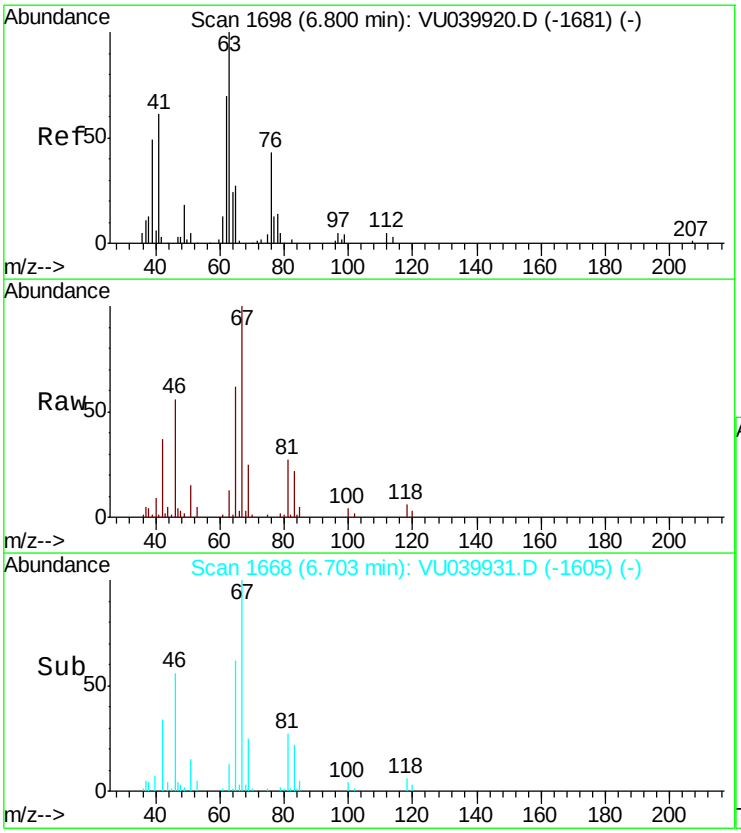
#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Instrument : MSVOA_U
ClientSampleId : F4Y06

Tgt Ion: 83 Resp: 7604

Ion	Ratio	Lower	Upper
83	100		
55	6.7	64.1	96.1#
98	1.7	39.4	59.0#

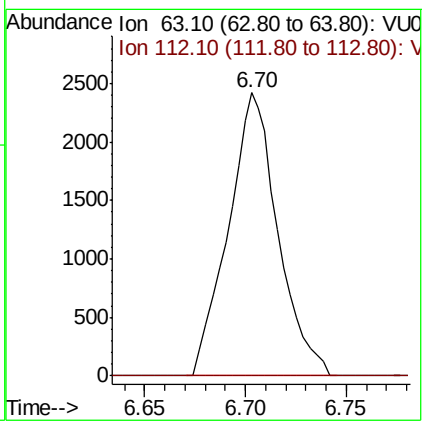


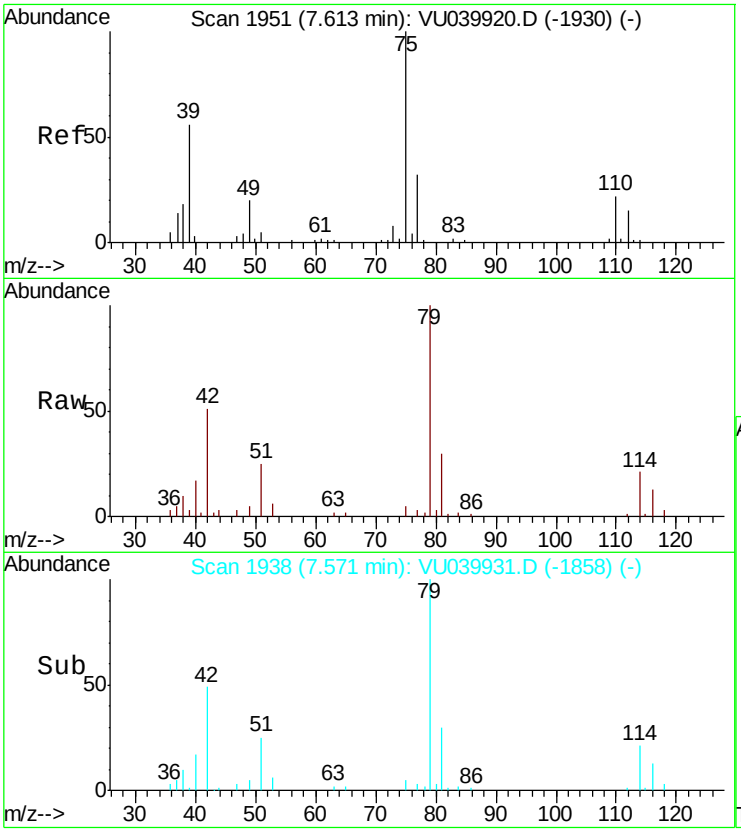


#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Tgt Ion: 63 Resp: 4143

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#



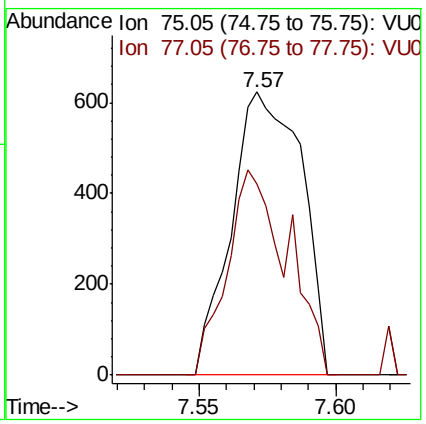


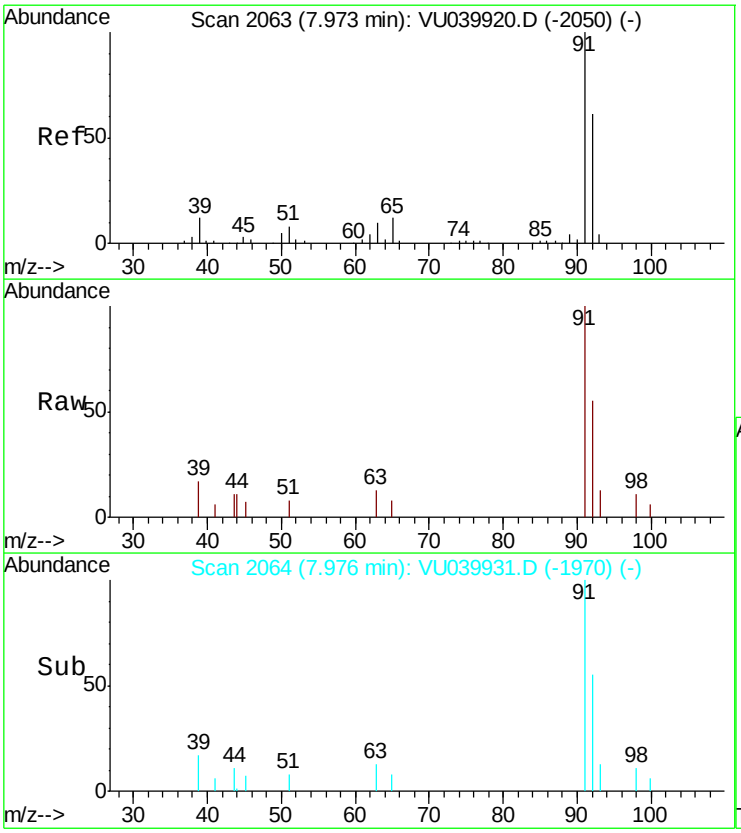
#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Instrument : MSVOA_U
ClientSampleId : F4Y06

Tgt Ion: 75 Resp: 1117

Ion	Ratio	Lower	Upper
75	100		
77	67.4	22.6	42.0#

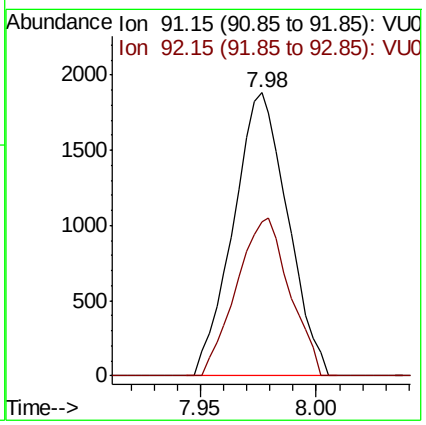


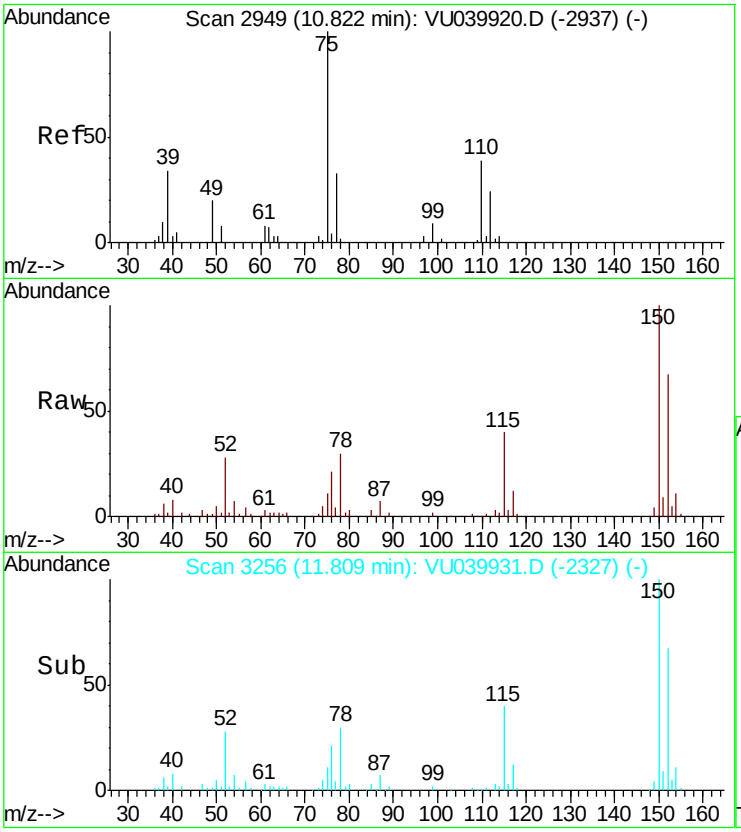


#42
Toluene
Concen: 0.107 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Tgt Ion: 91 Resp: 3068

Ion	Ratio	Lower	Upper
91	100		
92	54.6	42.3	78.5



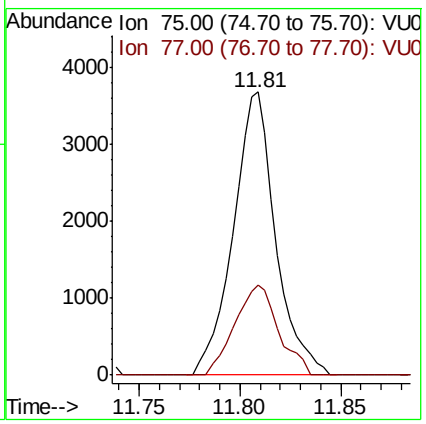


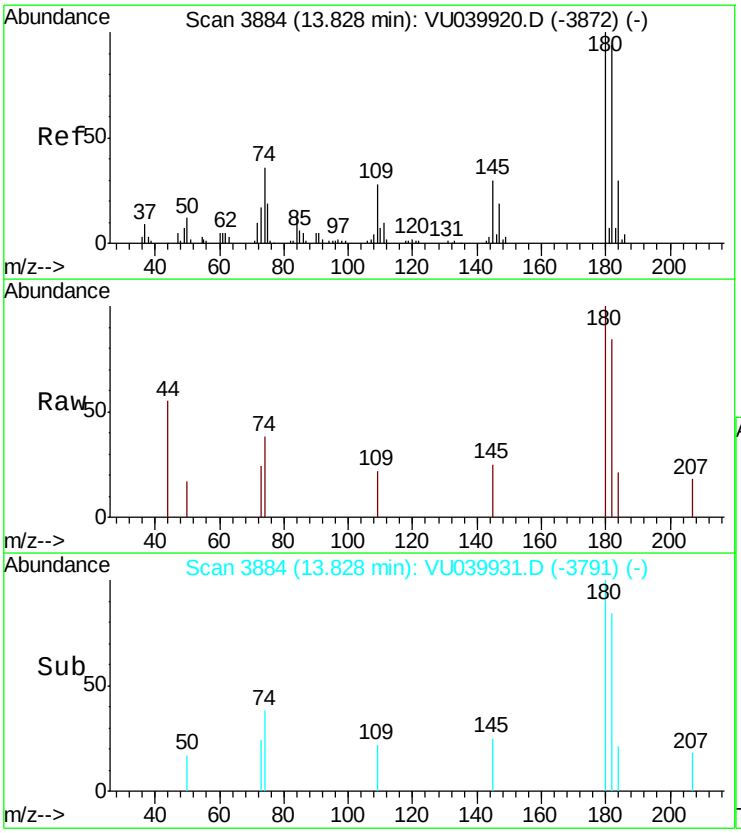
#59
1,2,3-Trichloropropane
Concen: 1.012 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Instrument :
MSVOA_U
ClientSampleId :
F4Y06

Tgt Ion: 75 Resp: 5416

Ion	Ratio	Lower	Upper
75	100		
77	32.7	27.4	41.2

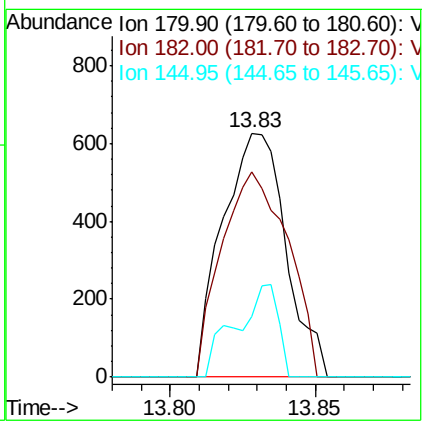


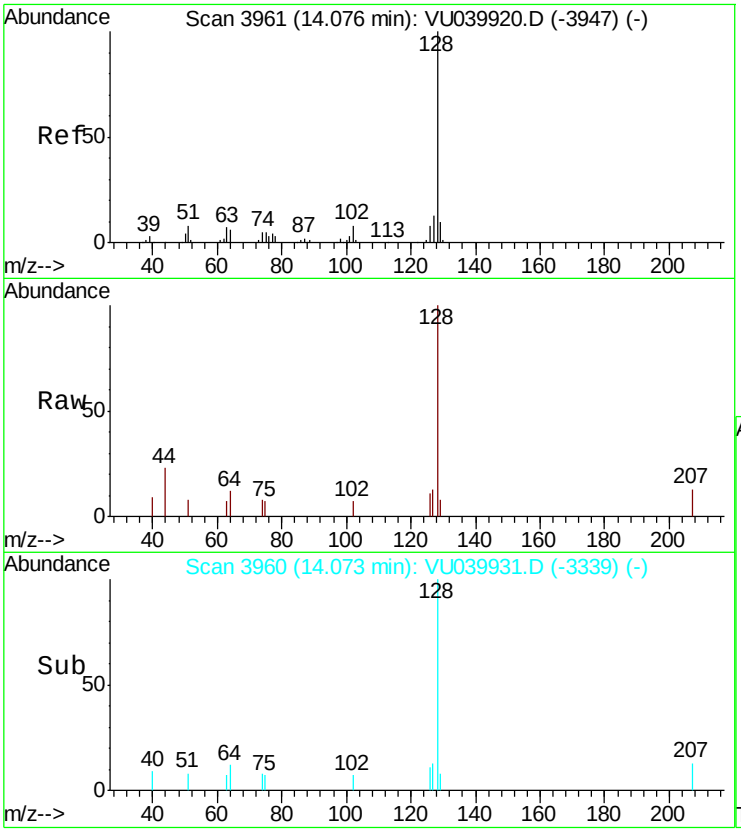


#68
1,2,4-trichlorobenzene
Concen: 0.117 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Tgt Ion:180 Resp: 949

Ion	Ratio	Lower	Upper
180	100		
182	88.2	75.2	112.8
145	25.4	24.6	36.8



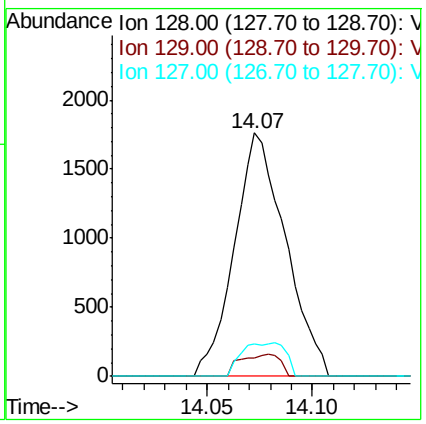


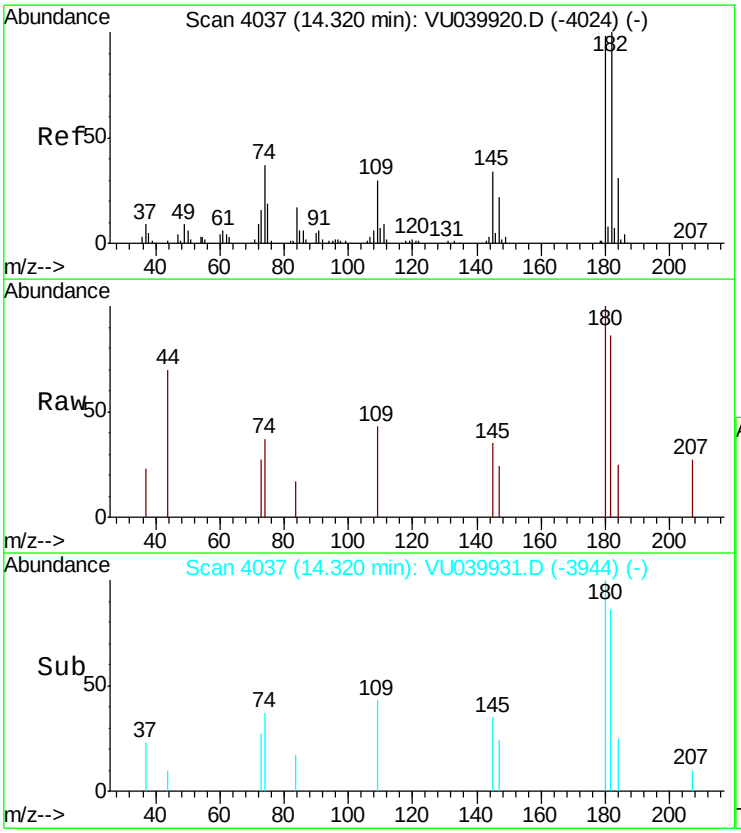
#69
Naphthalene
Concen: 0.198 ug/L
RT: 14.07 min Scan# 3960
Delta R.T. -0.00 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Instrument : MSVOA_U
ClientSampleId : F4Y06

Tgt Ion:128 Resp: 2962

Ion	Ratio	Lower	Upper
128	100		
129	7.0	8.5	12.7#
127	11.9	10.2	15.4





#70
1,2,3-Trichlorobenzene
Concen: 0.133 ug/L
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU039931.D
Acq: 21 Aug 2020 16:26

Tgt Ion:180 Resp: 1008

Ion	Ratio	Lower	Upper
180	100		
182	82.7	75.0	112.6
145	26.5	26.4	39.6