Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062420\
Data File : VU039086.D
Acq On : 25 Jun 2020 01:26
Operator : SY/MD
Sample : L3110-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F12

Quant Time: Jun 25 02:37:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 02:33:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	289713	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	292762	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	138650	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	105553	4.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.60%			
7) Chloroethane-d5	1.93	69	89452	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.59	63	147740	3.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.40%			
20) 2-Butanone-d5	4.67	46	435815	56.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.84%			
24) Chloroform-d	5.10	84	204216	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.74	65	124555	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.76	84	411824	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
36) 1,2-Dichloropropane-d6	6.72	67	136692	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.92	98	362135	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
43) trans-1,3-Dichloropropene-	8.20	79	61041	5.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.00%			
46) 2-Hexanone-d5	8.65	63	350613	57.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.60%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	125982	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	143046	5.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.80%			
Target Compounds						Qvalue
3) Chloromethane	1.50	50	6188	0.222	ug/L #	77
8) Chloroethane	2.11	64	1595	0.094	ug/L #	49
13) Acetone	2.63	43	252754	48.612	ug/L	51
15) Methyl Acetate	3.07	43	4383949	355.135	ug/L #	55
16) Methylene chloride	3.06	84	21209	0.857	ug/L #	1
21) 2-Butanone	4.69	43	70087	8.866	ug/L #	49
25) Chloroform	5.16	83	17506	0.408	ug/L #	1
27) 1,2-Dichloroethane	5.83	62	1368680	44.794	ug/L	97
30) Cyclohexane	5.42	56	270803	7.966	ug/L	96
34) Trichloroethene	6.60	95	3397	0.153	ug/L #	18
35) Methylcyclohexane	6.77	83	89530	2.712	ug/L #	43
37) 1,2-Dichloropropane	6.72	63	15514	0.623	ug/L #	58
38) Bromodichloromethane	7.15	83	2767	0.089	ug/L #	25
39) cis-1,3-Dichloropropene	7.59	75	4643	0.134	ug/L #	15
40) 4-Methyl-2-pentanone	7.85	43	41318	2.221	ug/L #	71
42) Toluene	7.99	91	491863	5.387	ug/L	99
45) 1,1,2-Trichloroethane	8.39	97	77303	4.174	ug/L #	17

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062420\
Data File : VU039086.D
Acq On : 25 Jun 2020 01:26
Operator : SY/MD
Sample : L3110-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F12

Quant Time: Jun 25 02:37:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 02:33:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	9.59	91	3739631	38.966	ug/L		99
53) m,p-Xylene	9.71	106	398909	11.304	ug/L		100
54) o-Xylene	10.11	106	61640	1.818	ug/L		95
55) Styrene	10.11	104	5090	0.085	ug/L	#	1
56) Isopropylbenzene	10.50	105	362943	4.086	ug/L		99
59) 1,2,3-Trichloropropane	10.92	75	8147	0.434	ug/L	#	1
69) Naphthalene	14.11	128	476818	8.042	ug/L		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062420\
Data File : VU039086.D
Acq On : 25 Jun 2020 01:26
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Misc : 25.0mL/MSVOA_U/WATER
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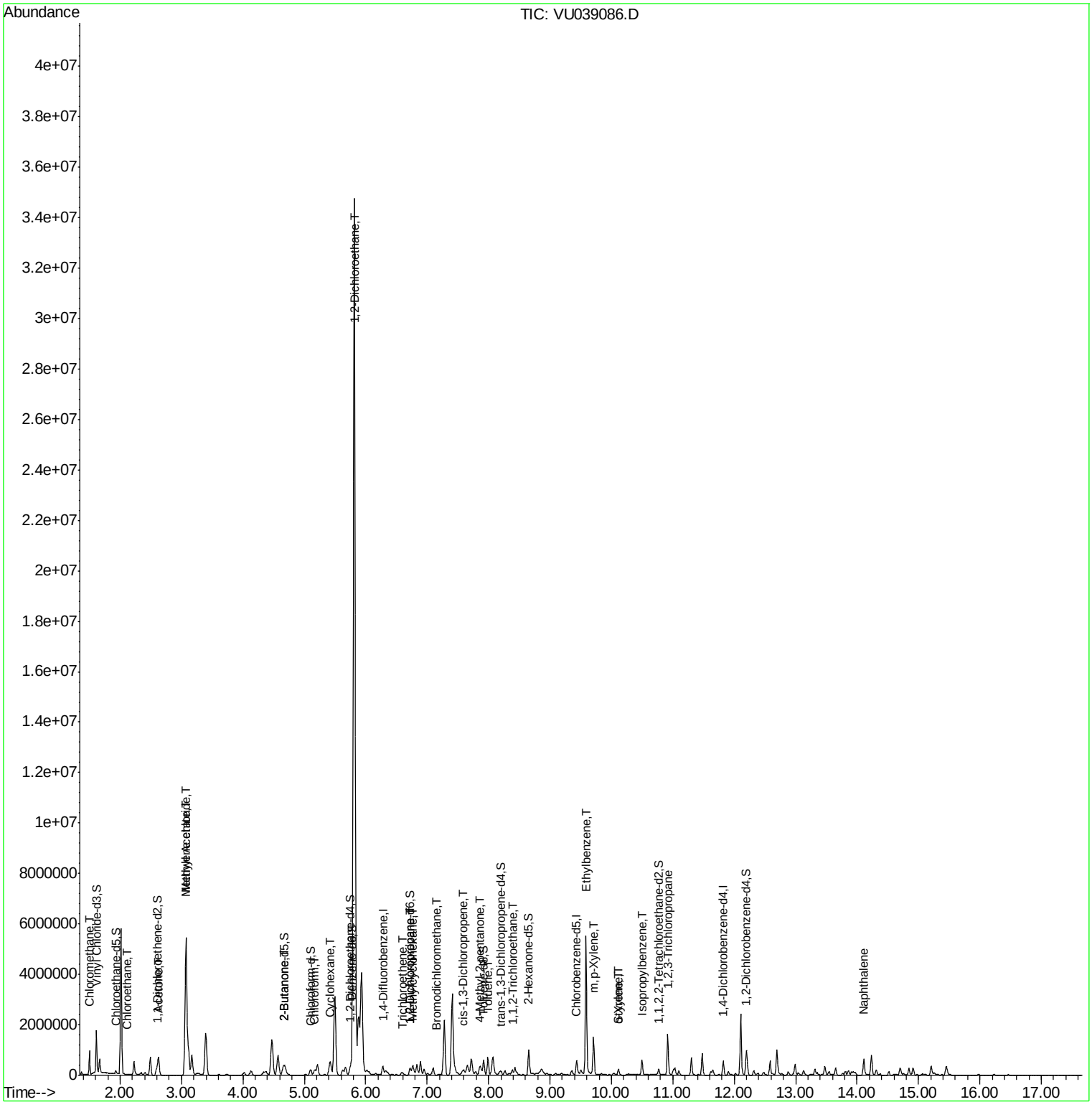
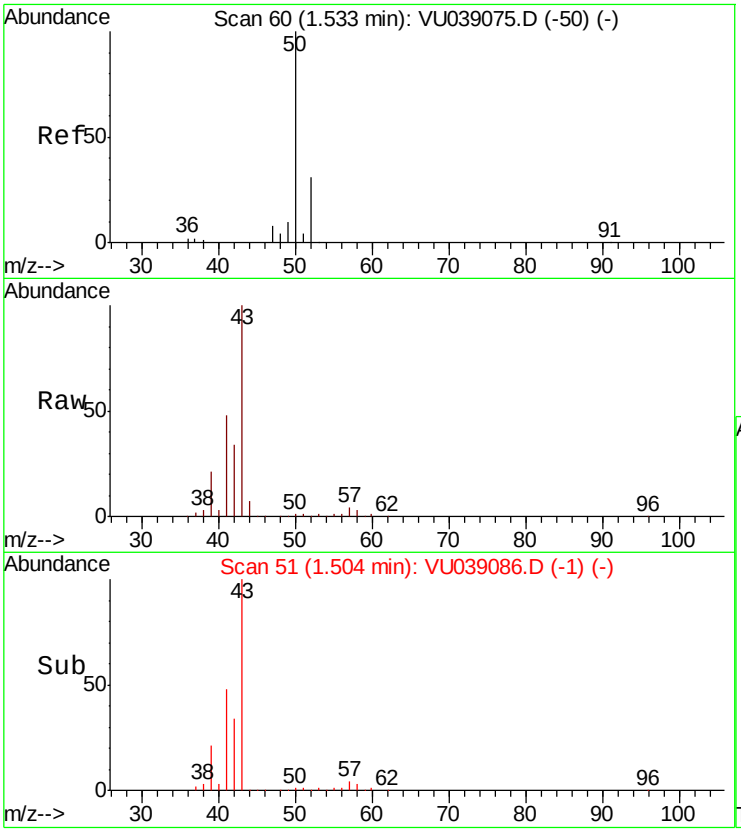
Response via : Initial Calibration



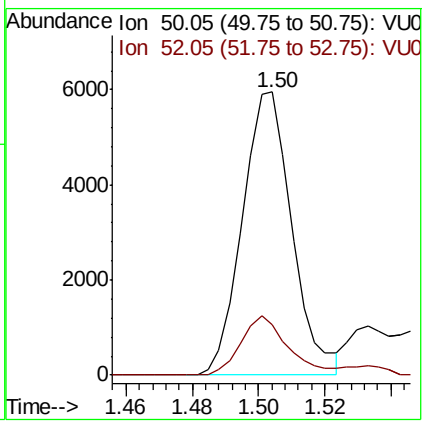


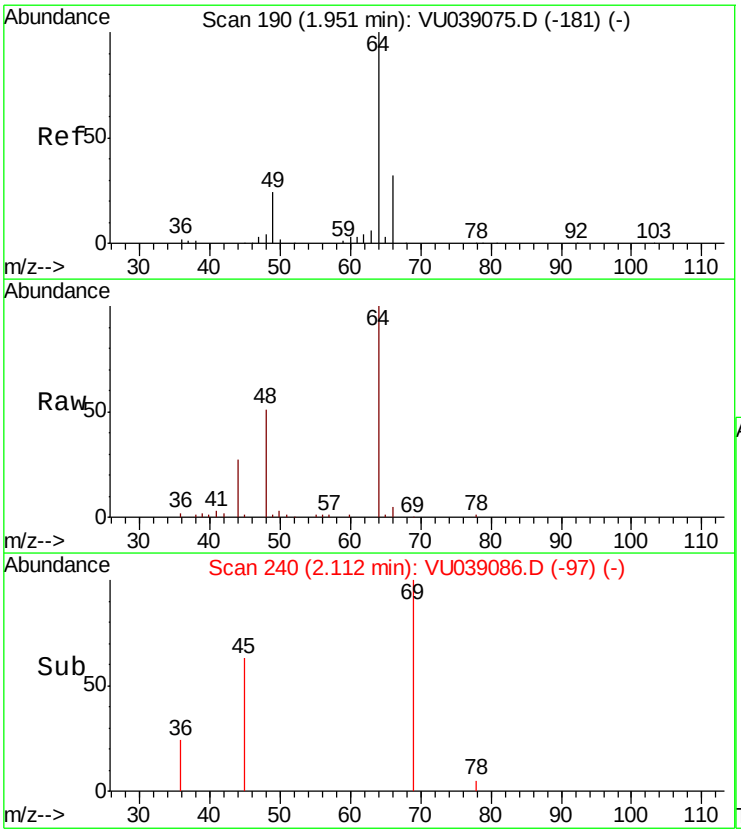
#3
Chloromethane
Concen: 0.222 ug/L
RT: 1.50 min Scan# 51
Delta R.T. -0.03 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument : MSVOA_U
ClientSampleId : F9F12

Tgt Ion: 50 Resp: 6188

Ion	Ratio	Lower	Upper
50	100		
52	17.9	21.1	39.3#

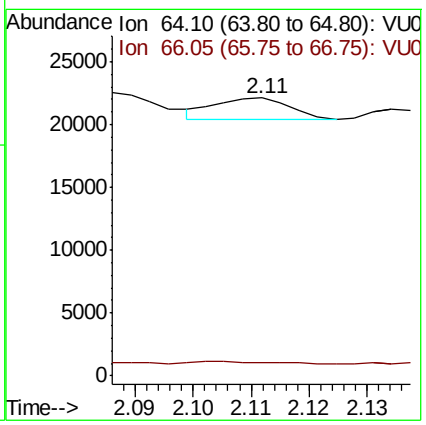


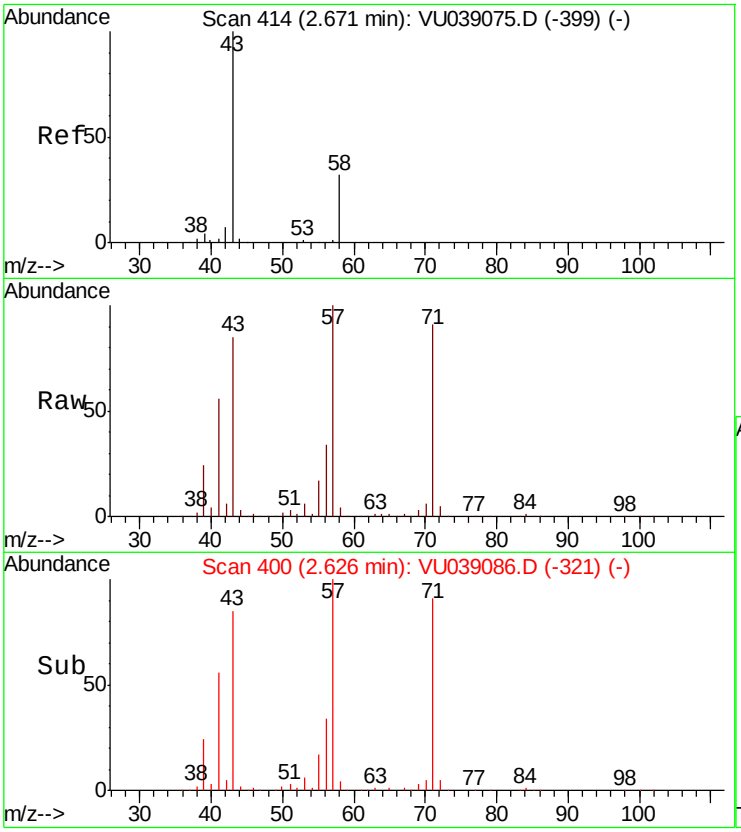


#8
Chloroethane
Concen: 0.094 ug/L
RT: 2.11 min Scan# 240
Delta R.T. 0.16 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion: 64 Resp: 1595

Ion	Ratio	Lower	Upper
64	100		
66	4.7	23.4	43.4#



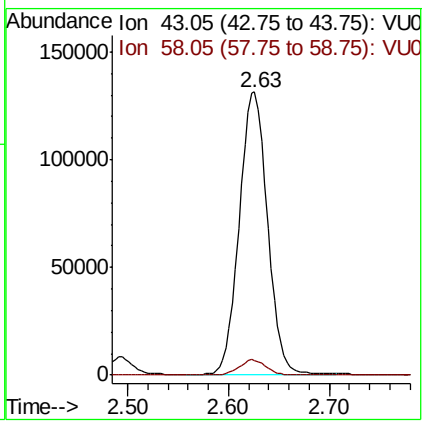


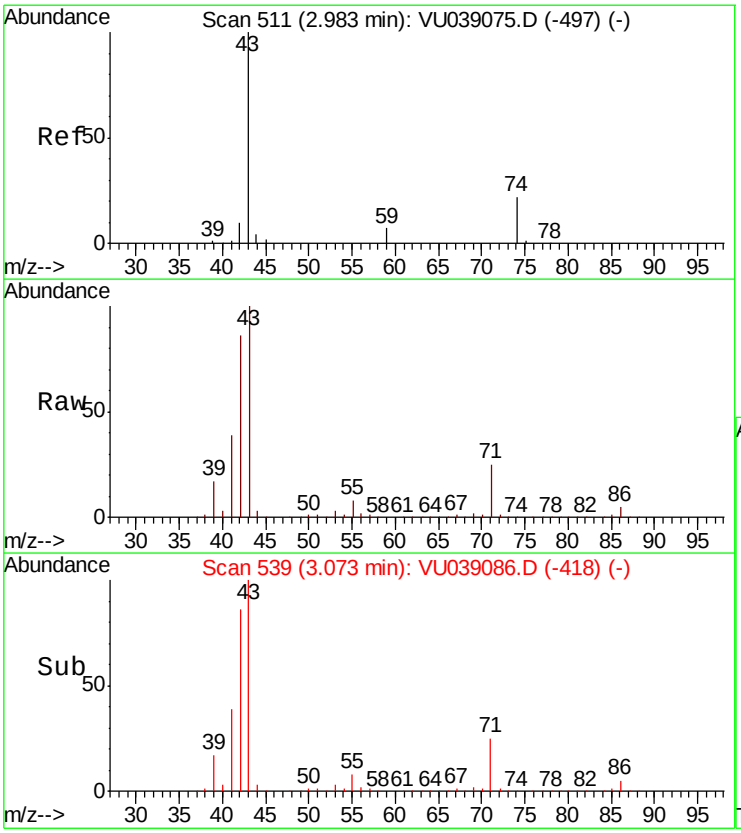
#13
Acetone
Concen: 48.612 ug/L
RT: 2.63 min Scan# 400
Delta R.T. -0.04 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
F9F12

Tgt Ion: 43 Resp: 252754

Ion	Ratio	Lower	Upper
43	100		
58	5.1	0.0	64.4

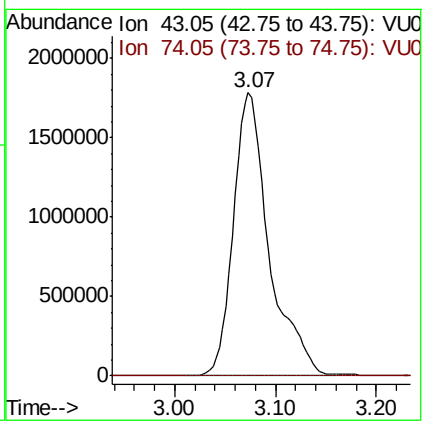


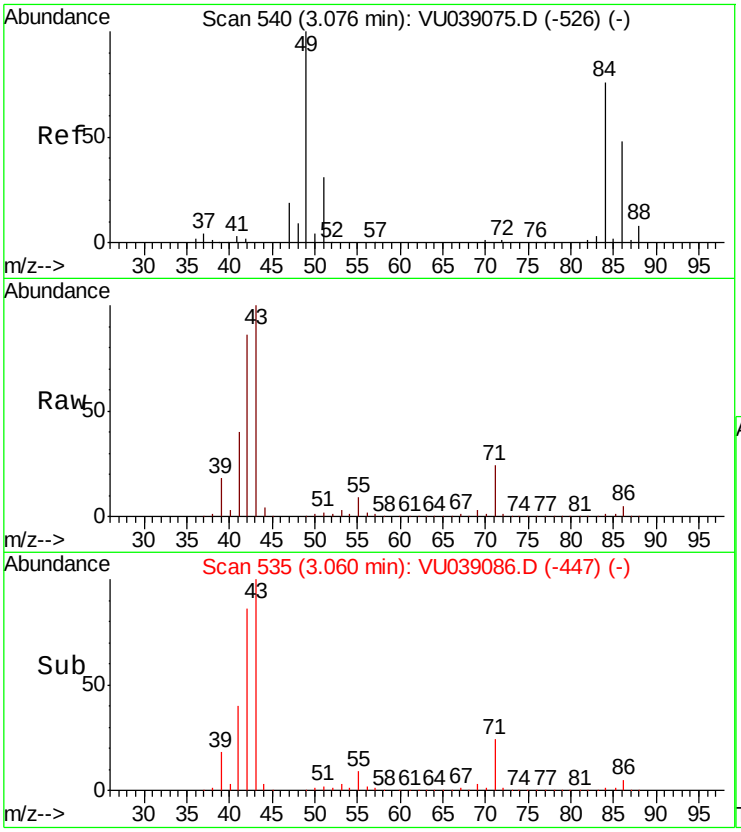


#15
Methyl Acetate
Concen: 355.135 ug/L
RT: 3.07 min Scan# 539
Delta R.T. 0.09 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion: 43 Resp: 4383949

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#



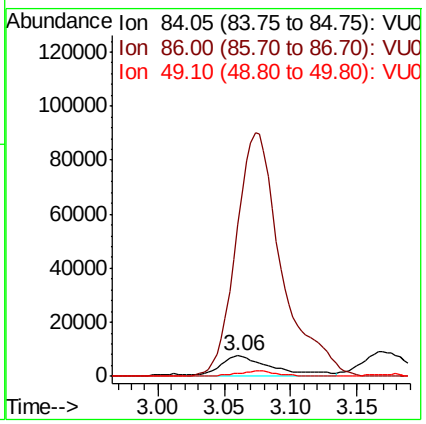


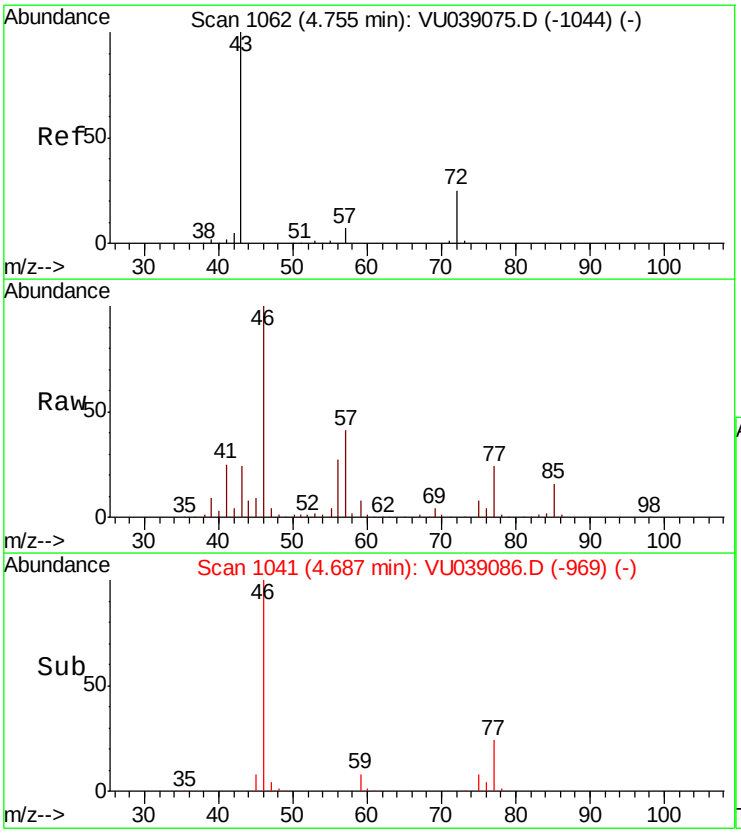
#16
Methylene chloride
Concen: 0.857 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.02 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument : MSVOA_U
ClientSampleId : F9F12

Tgt Ion: 84 Resp: 21209

Ion	Ratio	Lower	Upper
84	100		
86	732.0	44.1	81.9#
49	14.6	93.1	172.9#

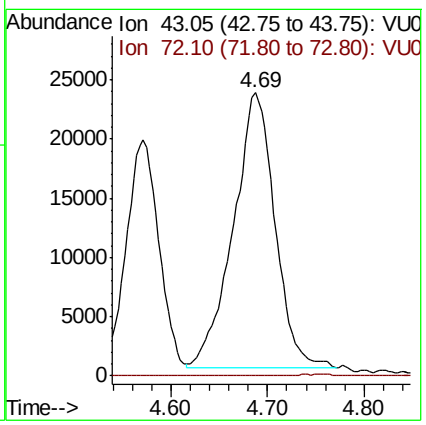


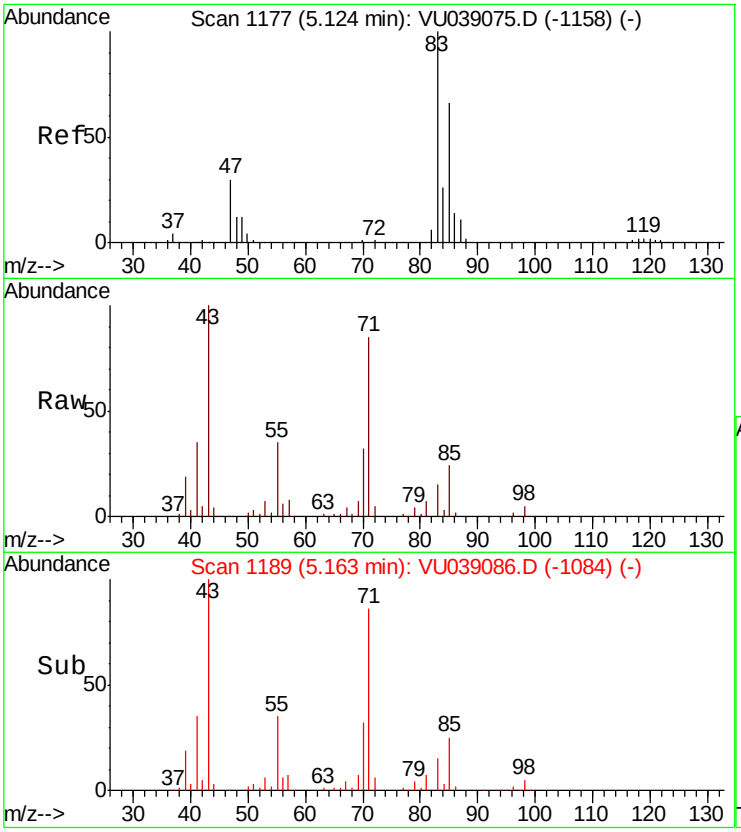


#21
2-Butanone
Concen: 8.866 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. -0.07 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion: 43 Resp: 70087

Ion	Ratio	Lower	Upper
43	100		
72	0.1	13.1	39.3#



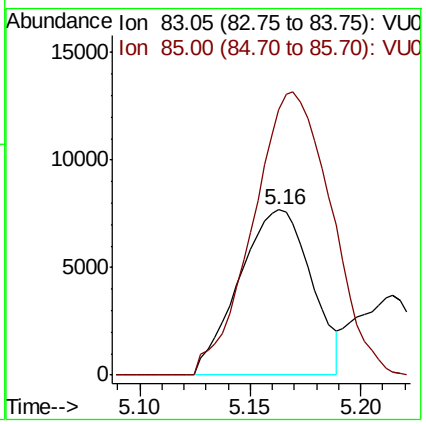


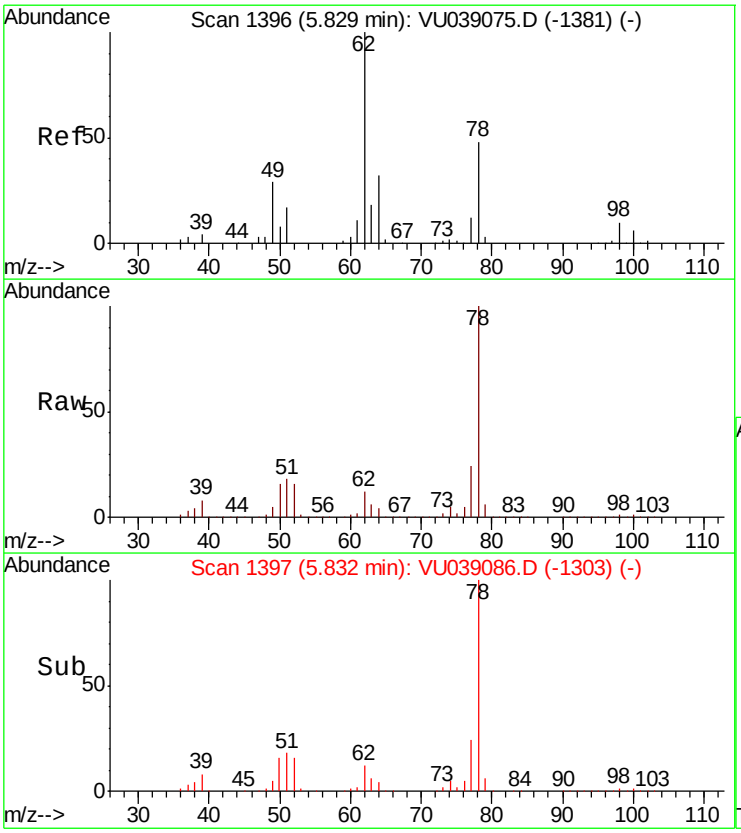
#25
Chloroform
Concen: 0.408 ug/L
RT: 5.16 min Scan# 1189
Delta R.T. 0.04 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument : MSVOA_U
ClientSampleId : F9F12

Tgt Ion: 83 Resp: 17506

Ion	Ratio	Lower	Upper
83	100		
85	160.2	43.8	81.4#

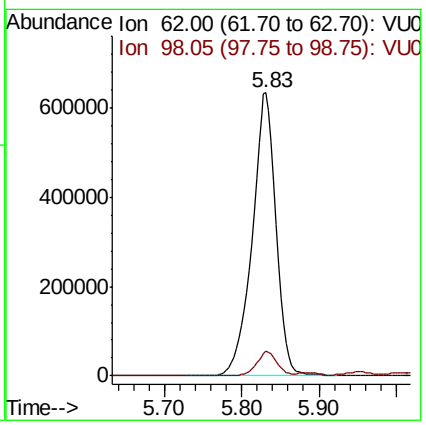


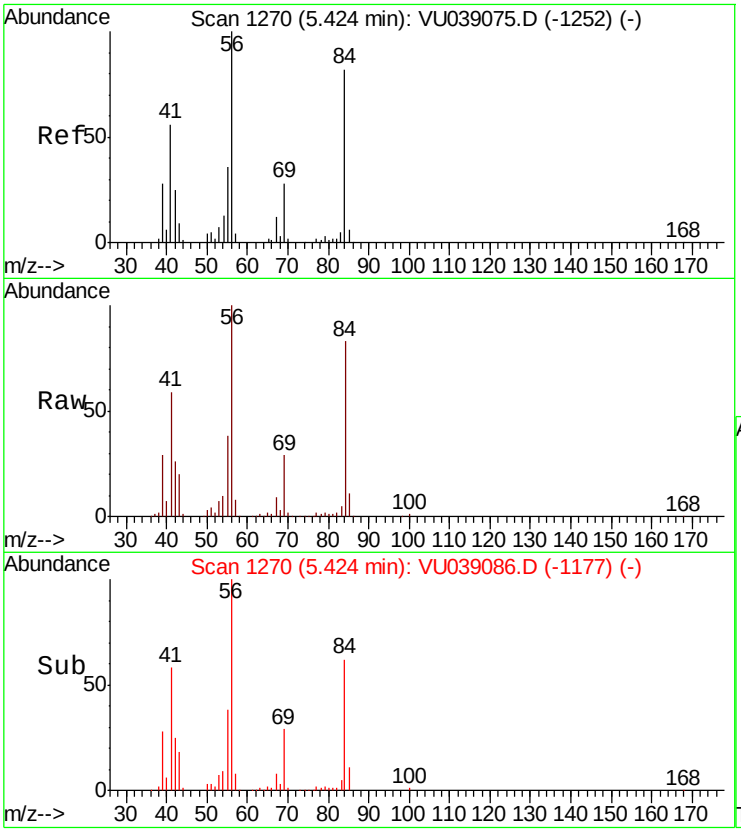


#27
1,2-Dichloroethane
Concen: 44.794 ug/L
RT: 5.83 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion: 62 Resp: 1368680

Ion	Ratio	Lower	Upper
62	100		
98	8.5	7.7	11.5



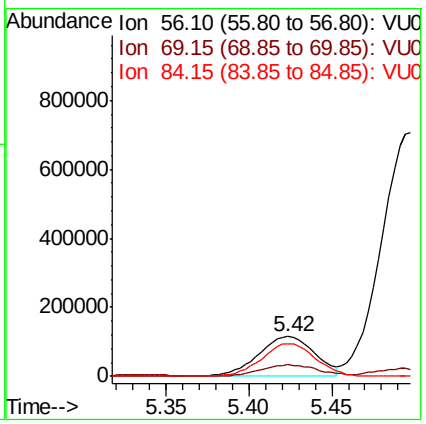


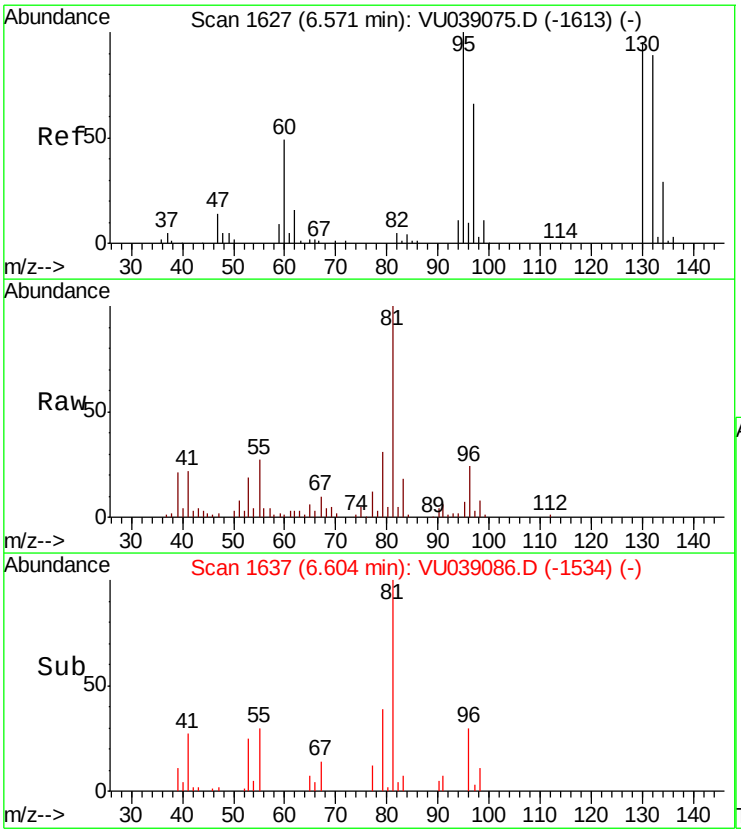
#30
Cyclohexane
Concen: 7.966 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument : MSVOA_U
ClientSampleId : F9F12

Tgt Ion: 56 Resp: 270803

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.3	34.9
84	79.9	67.1	100.7

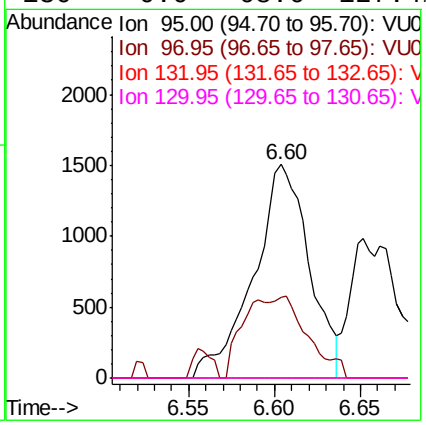


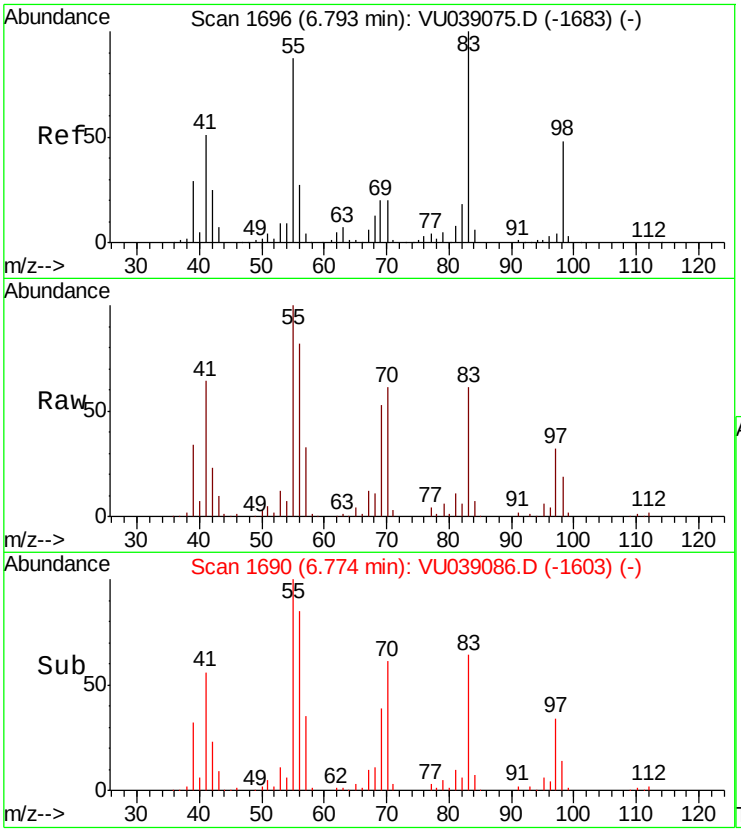


#34
Trichloroethene
Concen: 0.153 ug/L
RT: 6.60 min Scan# 1637
Delta R.T. 0.03 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion: 95 Resp: 3397

Ion	Ratio	Lower	Upper
95	100		
97	37.6	45.1	83.7#
132	0.0	65.1	120.9#
130	0.0	68.6	127.4#



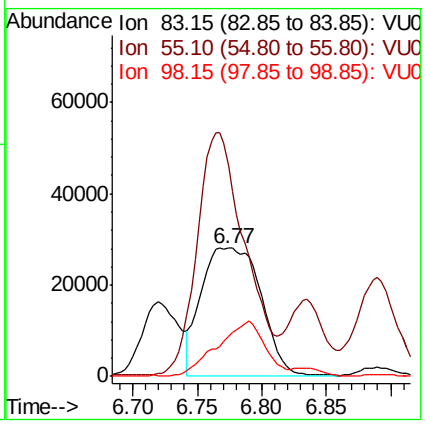


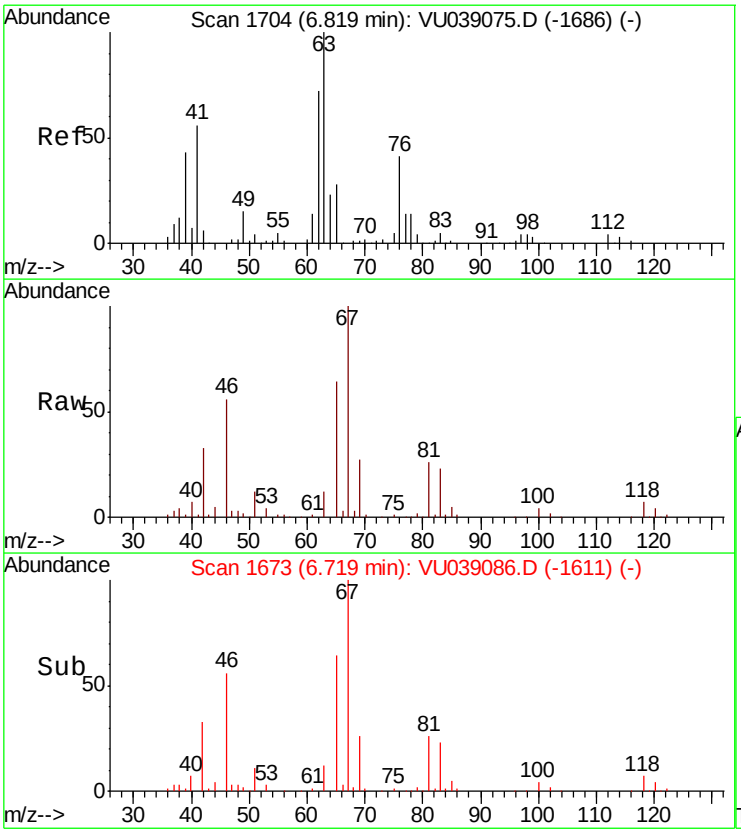
#35
Methylcyclohexane
Concen: 2.712 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.02 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument : MSVOA_U
ClientSampleId : F9F12

Tgt Ion: 83 Resp: 89530

Ion	Ratio	Lower	Upper
83	100		
55	153.7	65.5	98.3#
98	34.8	36.5	54.7#

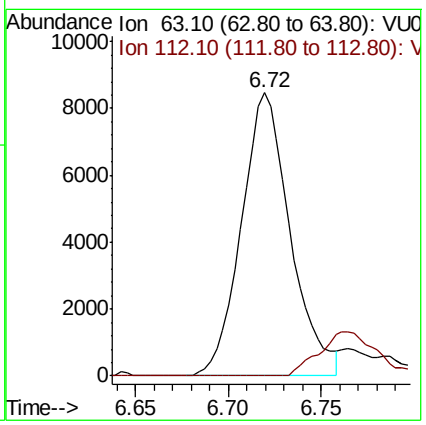


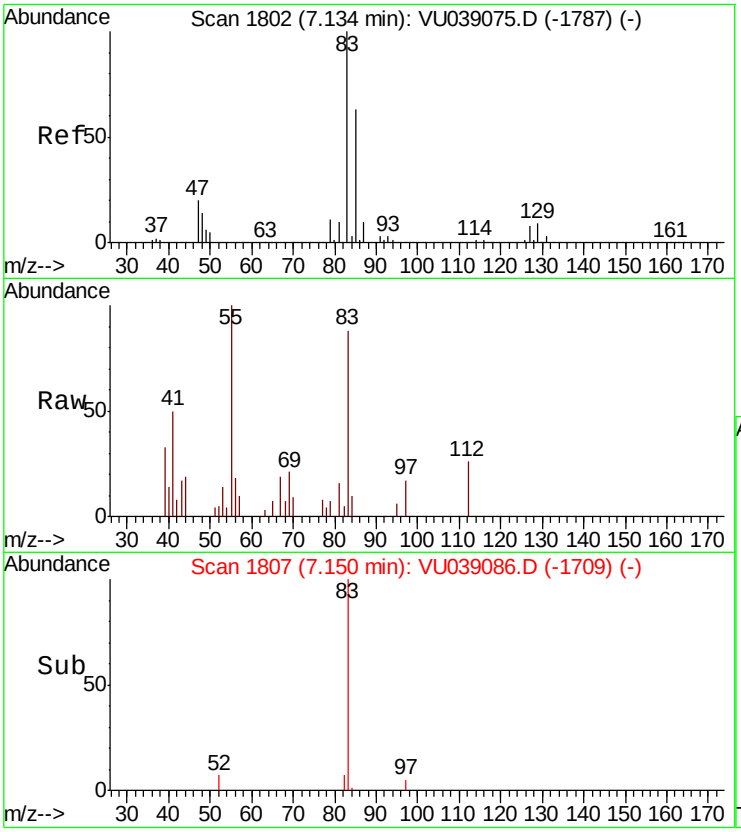


#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion: 63 Resp: 15514

Ion	Ratio	Lower	Upper
63	100		
112	18.0	3.4	5.2#



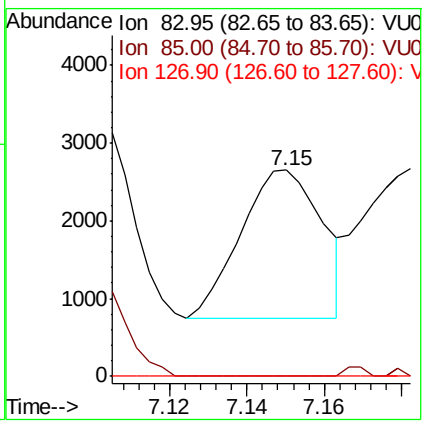


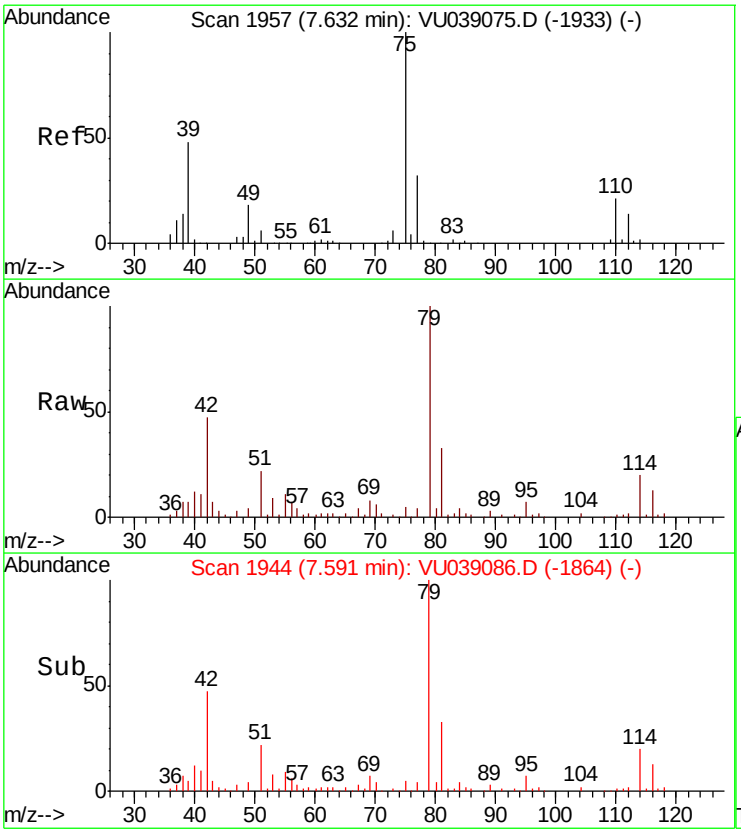
#38
Bromodichloromethane
Concen: 0.089 ug/L
RT: 7.15 min Scan# 1807
Delta R.T. 0.02 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument : MSVOA_U
ClientSampleId : F9F12

Tgt Ion: 83 Resp: 2767

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.9	83.3#
127	0.0	6.3	9.5#

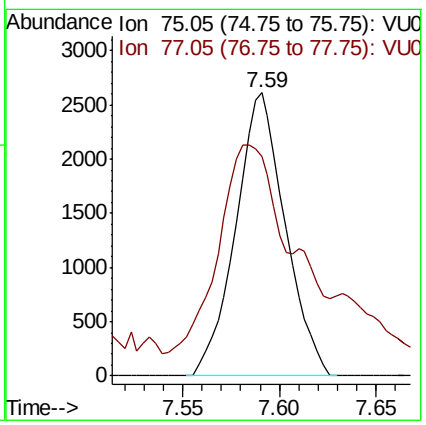


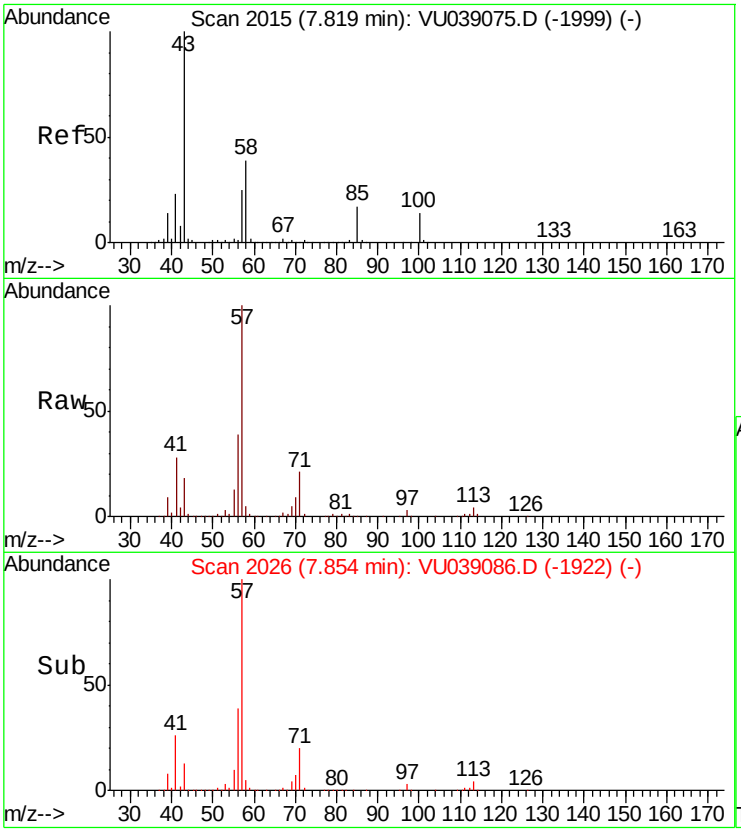


#39
cis-1,3-Dichloropropene
Concen: 0.134 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion: 75 Resp: 4643

Ion	Ratio	Lower	Upper
75	100		
77	77.3	21.6	40.0#



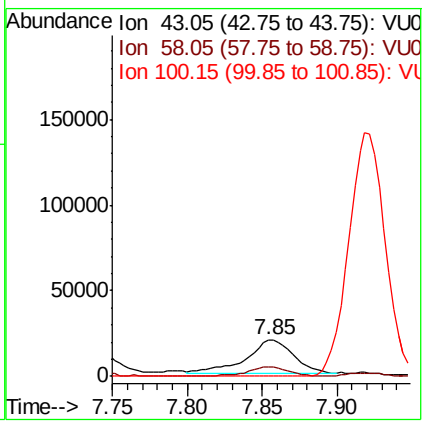


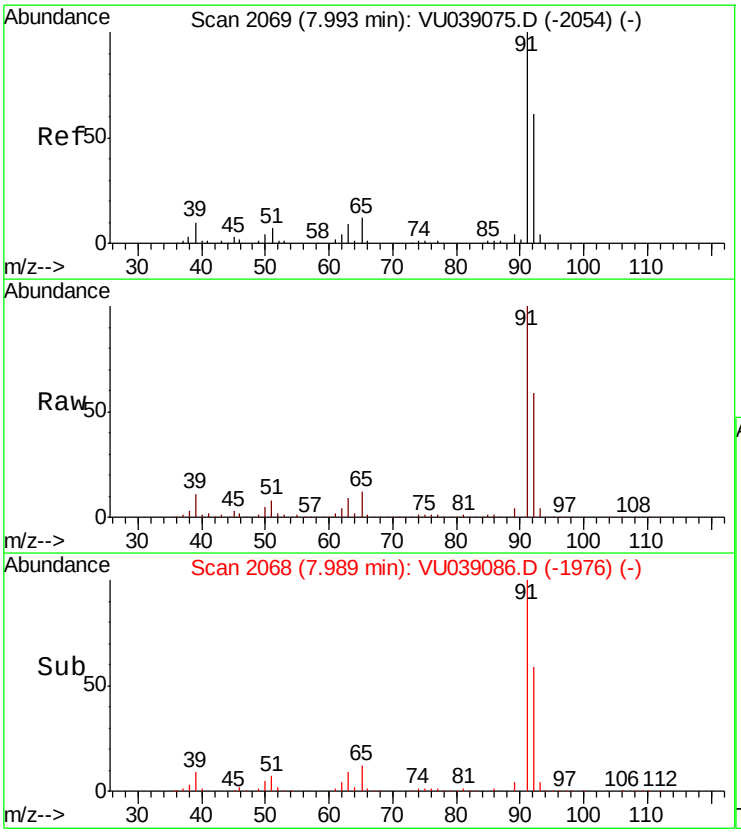
#40
4-Methyl-2-pentanone
Concen: 2.221 ug/L
RT: 7.85 min Scan# 2026
Delta R.T. 0.04 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument : MSVOA_U
ClientSampleId : F9F12

Tgt Ion: 43 Resp: 41318

Ion	Ratio	Lower	Upper
43	100		
58	23.1	31.3	46.9#
100	0.0	11.6	17.4#

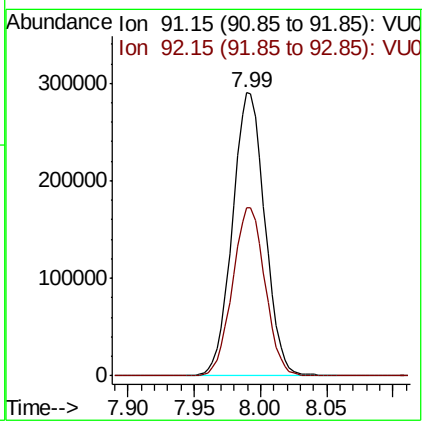


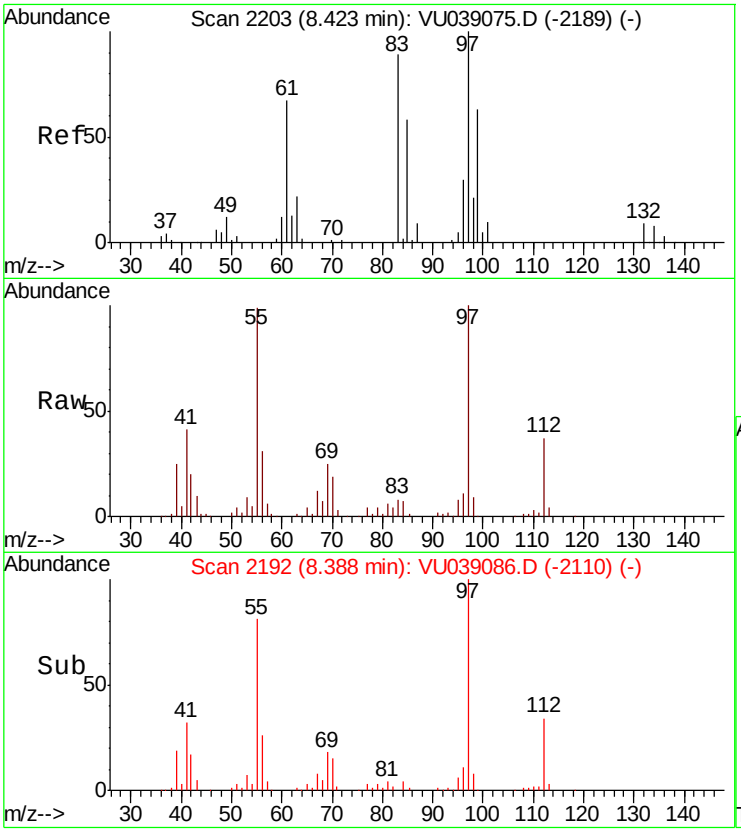


#42
Toluene
Concen: 5.387 ug/L
RT: 7.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion: 91 Resp: 491863

Ion	Ratio	Lower	Upper
91	100		
92	59.2	42.1	78.1



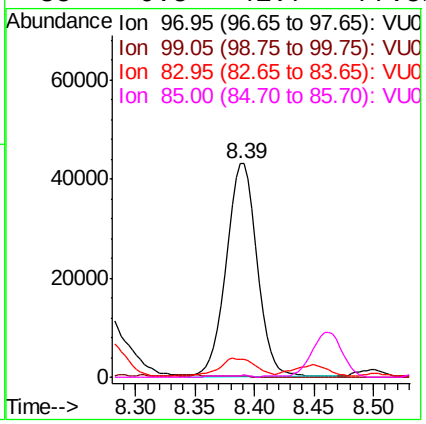


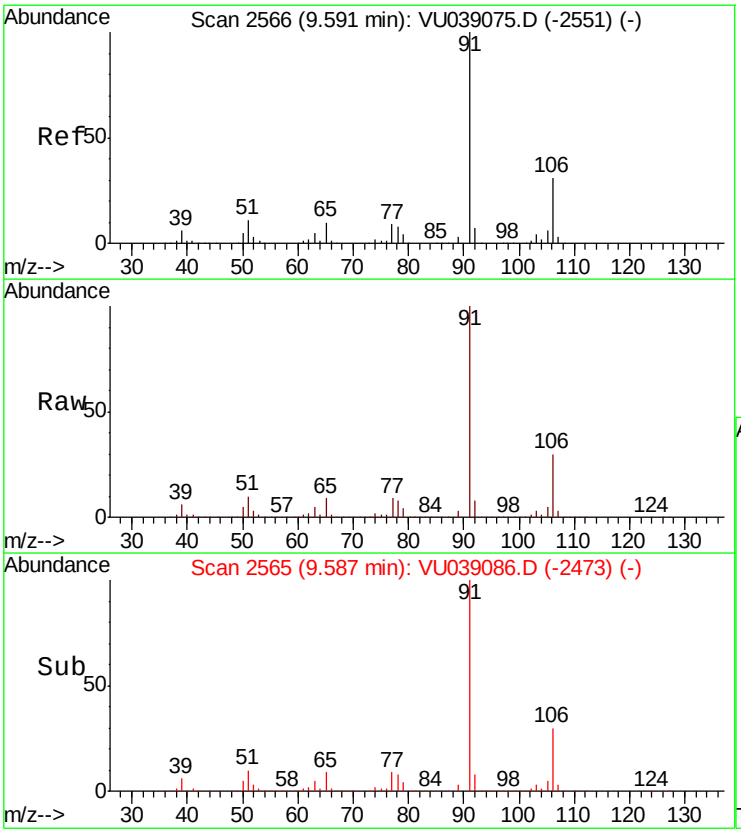
#45
1,1,2-Trichloroethane
Concen: 4.174 ug/L
RT: 8.39 min Scan# 2192
Delta R.T. -0.04 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
F9F12

Tgt Ion: 97 Resp: 77303

Ion	Ratio	Lower	Upper
97	100		
99	0.4	45.4	84.4#
83	8.5	64.4	119.6#
85	0.5	41.7	77.5#

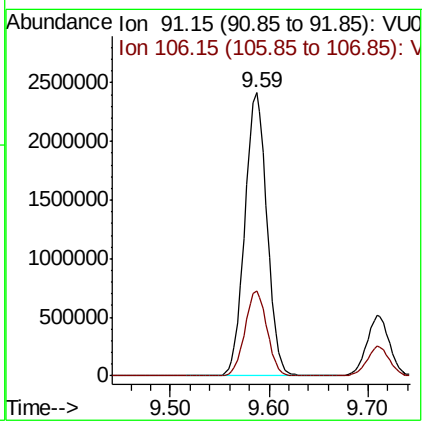


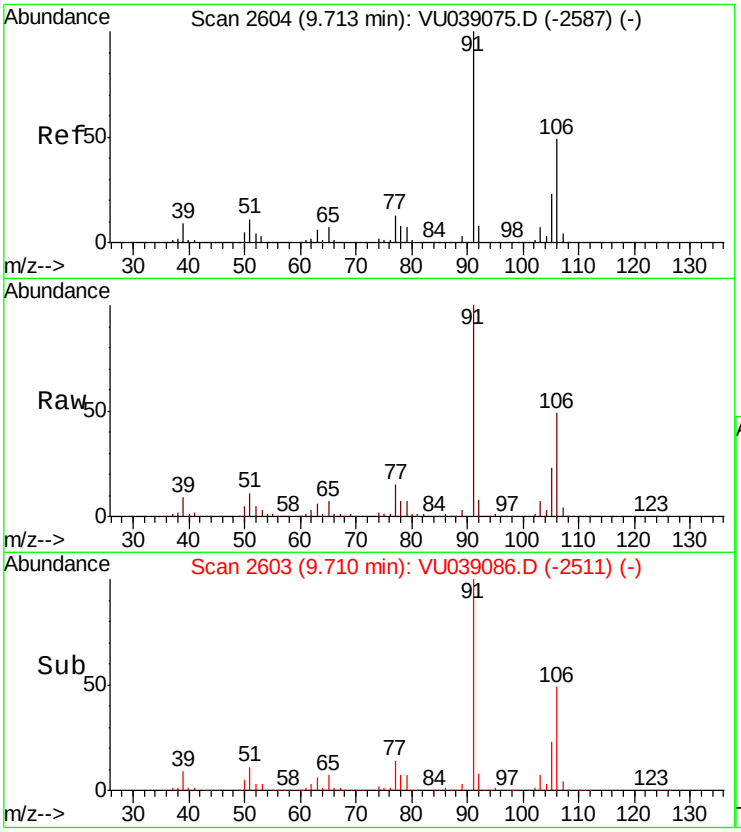


#52
Ethylbenzene
Concen: 38.966 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion: 91 Resp: 3739631

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.3	39.6



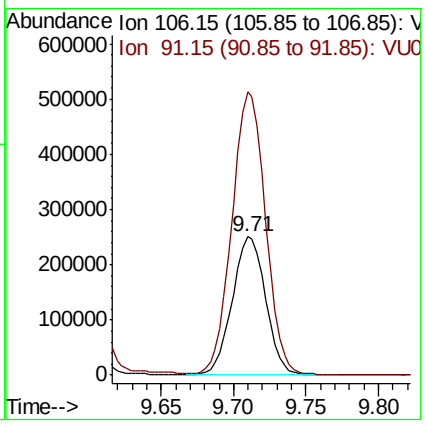


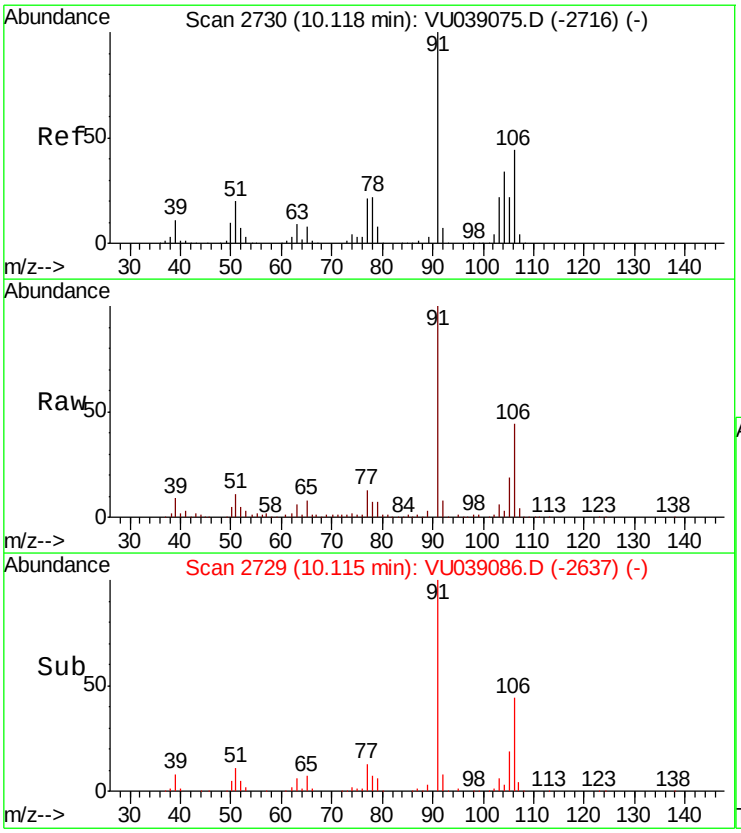
#53
m,p-Xylene
Concen: 11.304 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
F9F12

Tgt Ion:106 Resp: 398909

Ion	Ratio	Lower	Upper
106	100		
91	204.6	143.6	266.8

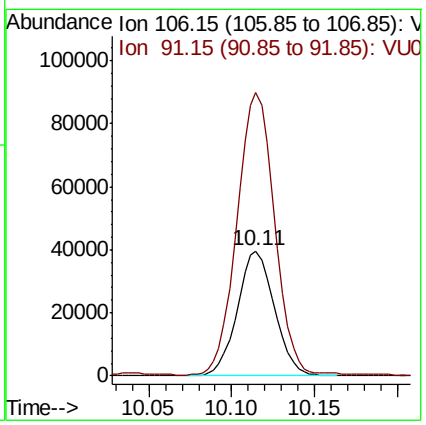


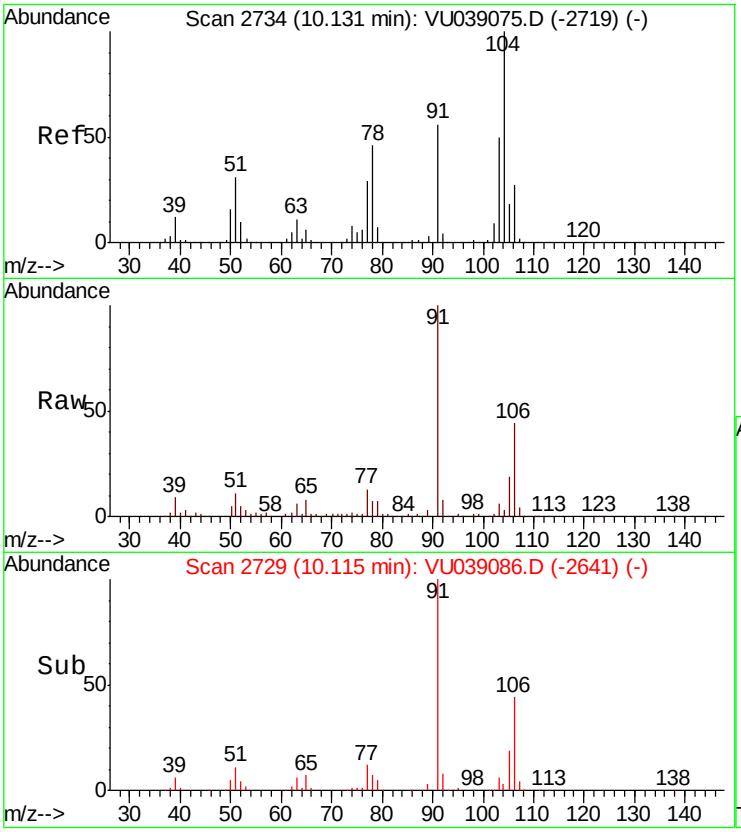


#54
o-Xylene
Concen: 1.818 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion:106 Resp: 61640

Ion	Ratio	Lower	Upper
106	100		
91	226.9	153.5	285.1



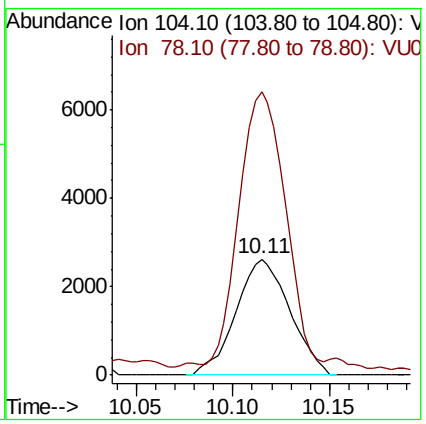


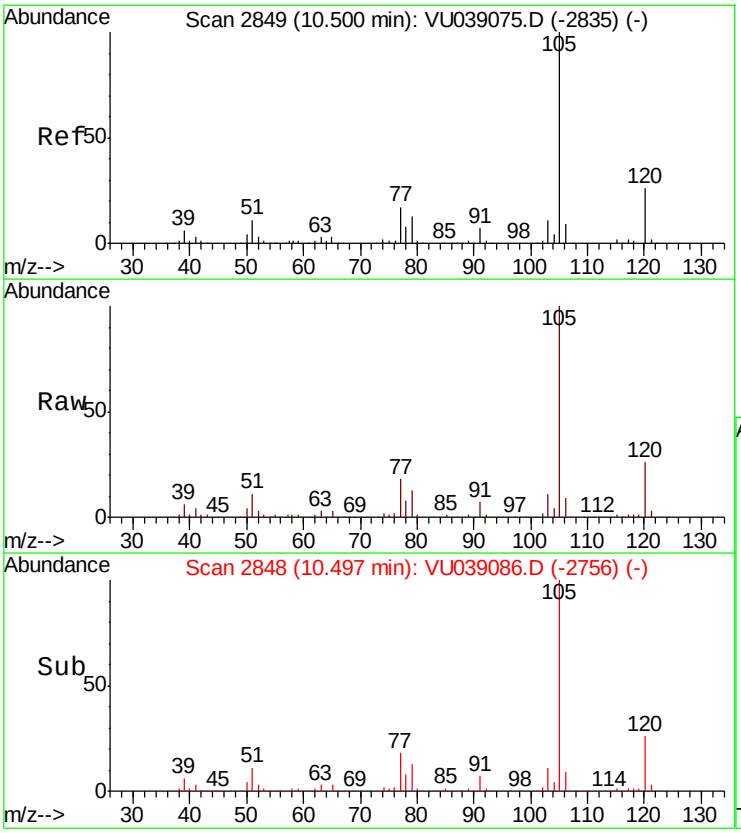
#55
Stvrene
Concen: 0.085 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.02 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
F9F12

Tgt Ion:104 Resp: 5090

Ion	Ratio	Lower	Upper
104	100		
78	244.4	33.5	62.1#

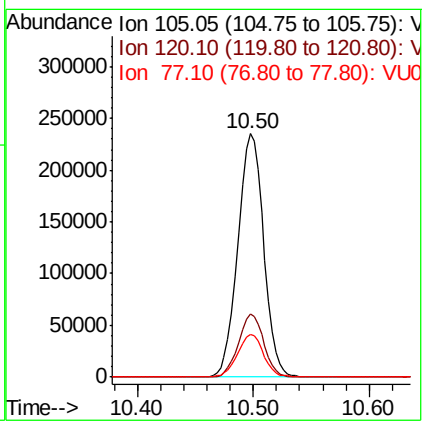


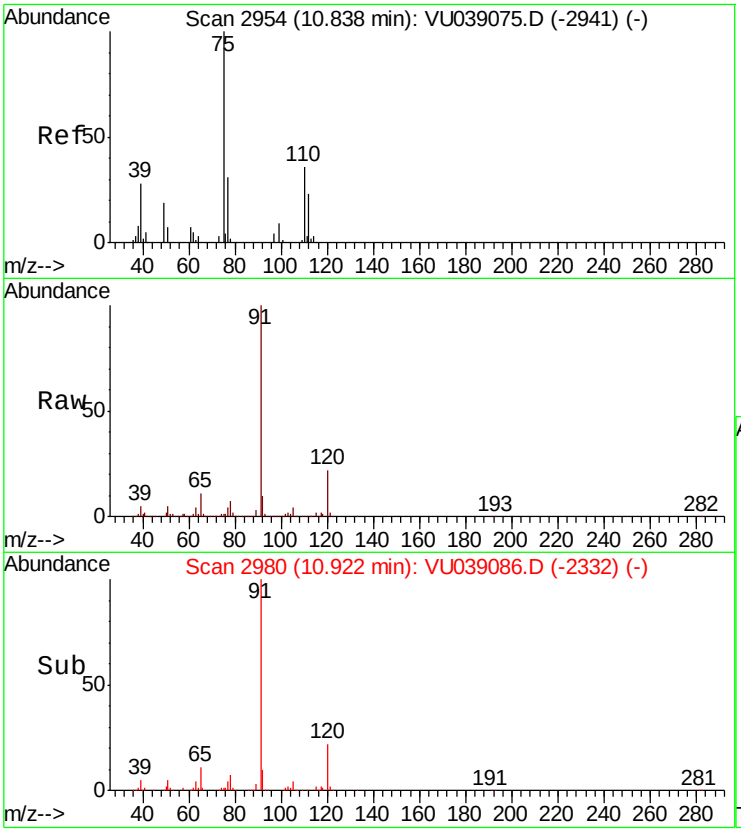


#56
Isopropylbenzene
Concen: 4.086 ug/L
RT: 10.50 min Scan# 2848
Delta R.T. -0.00 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion:105 Resp: 362943

Ion	Ratio	Lower	Upper
105	100		
120	25.4	19.9	29.9
77	17.5	13.3	19.9



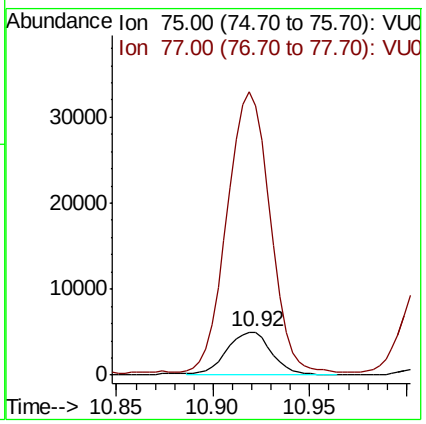


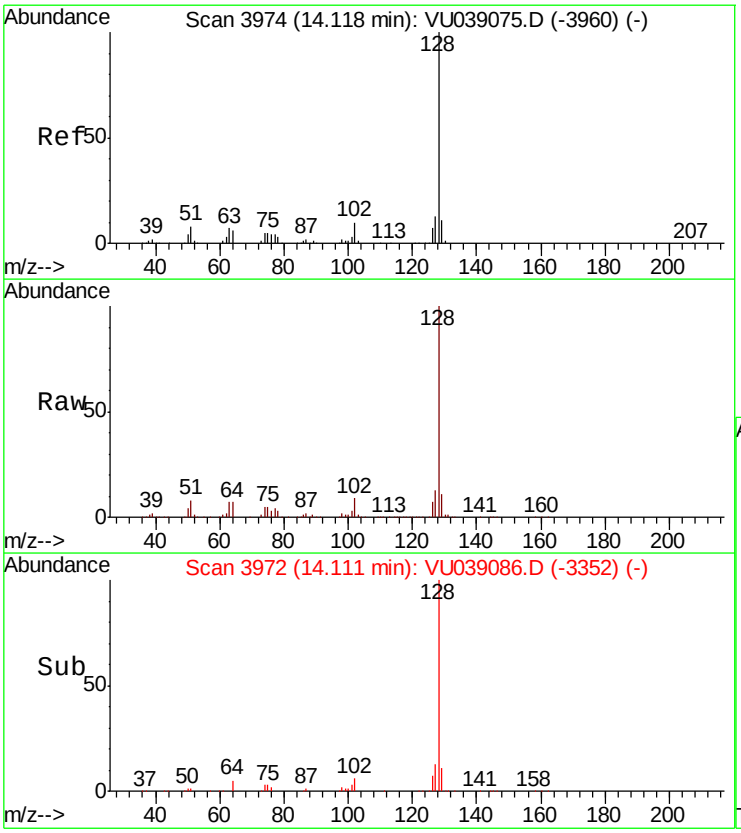
#59
1,2,3-Trichloropropane
Concen: 0.434 ug/L
RT: 10.92 min Scan# 2980
Delta R.T. 0.08 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Instrument : MSVOA_U
ClientSampleId : F9F12

Tgt Ion: 75 Resp: 8147

Ion	Ratio	Lower	Upper
75	100		
77	618.5	26.2	39.2#





#69
Naphthalene
Concen: 8.042 ug/L
RT: 14.11 min Scan# 3972
Delta R.T. -0.01 min
Lab File: VU039086.D
Acq: 25 Jun 2020 01:26

Tgt Ion:128 Resp: 476818

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.7	10.8	16.2