Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040442.D
Acq On : 02 Oct 2020 00:10
Operator : SY/MD
Sample : L4240-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T3

Quant Time: Oct 02 05:29:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	153057	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	148741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	72549	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	26503	3.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.00%			
7) Chloroethane-d5	1.92	69	29275	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.58	63	47226	2.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.80%#			
20) 2-Butanone-d5	4.66	46	205120	54.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.00%			
24) Chloroform-d	5.08	84	79362	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
26) 1,2-Dichloroethane-d4	5.72	65	49765	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
32) Benzene-d6	5.75	84	139150	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.70	67	51559	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.91	98	110974	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	8.19	79	19002	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.64	63	144847	55.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49587	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55099	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	1116	0.074	ug/L #	42
8) Chloroethane	1.86	64	823	0.094	ug/L #	54
13) Acetone	2.66	43	8625	2.750	ug/L	97
14) Carbon disulfide	2.81	76	3837	0.104	ug/L #	95
15) Methyl Acetate	3.06	43	5811	0.769	ug/L #	56
30) Cyclohexane	5.41	56	3378	0.161	ug/L	97
33) Benzene	5.79	78	1980	0.040	ug/L	100
35) Methylcyclohexane	6.70	83	12135	0.625	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	6146	0.443	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1368	0.073	ug/L #	7
42) Toluene	7.97	91	9335	0.183	ug/L	97
44) trans-1,3-Dichloropropene	8.18	75	959	0.056	ug/L #	82
45) 1,1,2-Trichloroethane	8.40	97	553	0.057	ug/L #	85
51) Chlorobenzene	9.45	112	7417	0.224	ug/L	97
52) Ethylbenzene	9.57	91	2761	0.050	ug/L	89
53) m,p-Xylene	9.69	106	2828	0.137	ug/L	90
54) o-Xylene	10.10	106	1554	0.080	ug/L	72

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040442.D
Acq On : 02 Oct 2020 00:10
Operator : SY/MD
Sample : L4240-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T3

Quant Time: Oct 02 05:29:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) Isopropylbenzene	10.48	105	2413	0.046	ug/L		96
59) 1,2,3-Trichloropropane	11.81	75	10487	1.042	ug/L		90
67) 1,3,5-Trichlorobenzene	13.83	180	7476	0.436	ug/L		98
68) 1,2,4-trichlorobenzene	13.83	180	7476	0.543	ug/L		98
69) Naphthalene	14.08	128	7173	0.305	ug/L		95
70) 1,2,3-Trichlorobenzene	14.32	180	2591	0.206	ug/L	#	88

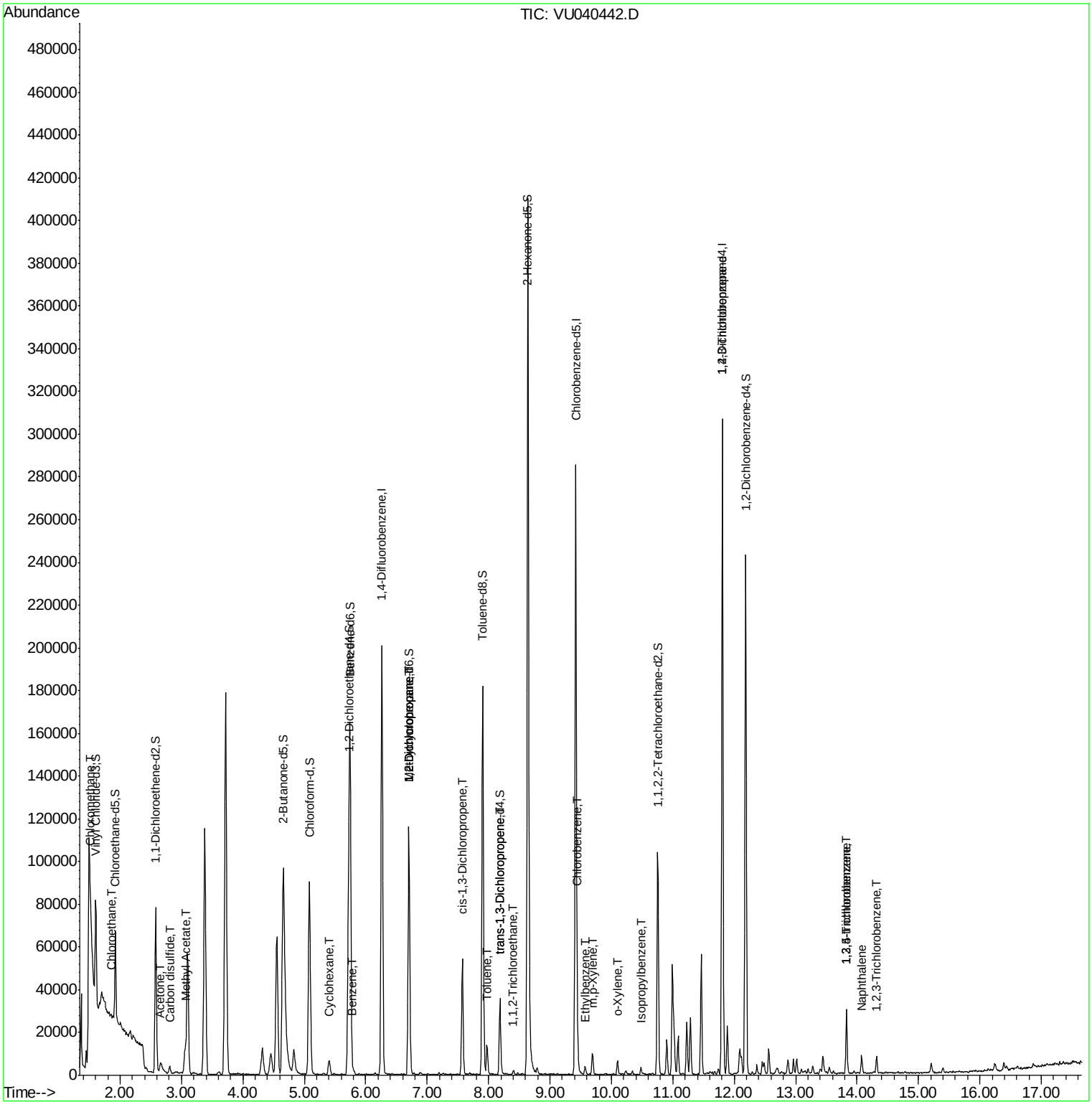
(#) = qualifier out of range (m) = manual integration (+) = signals summed

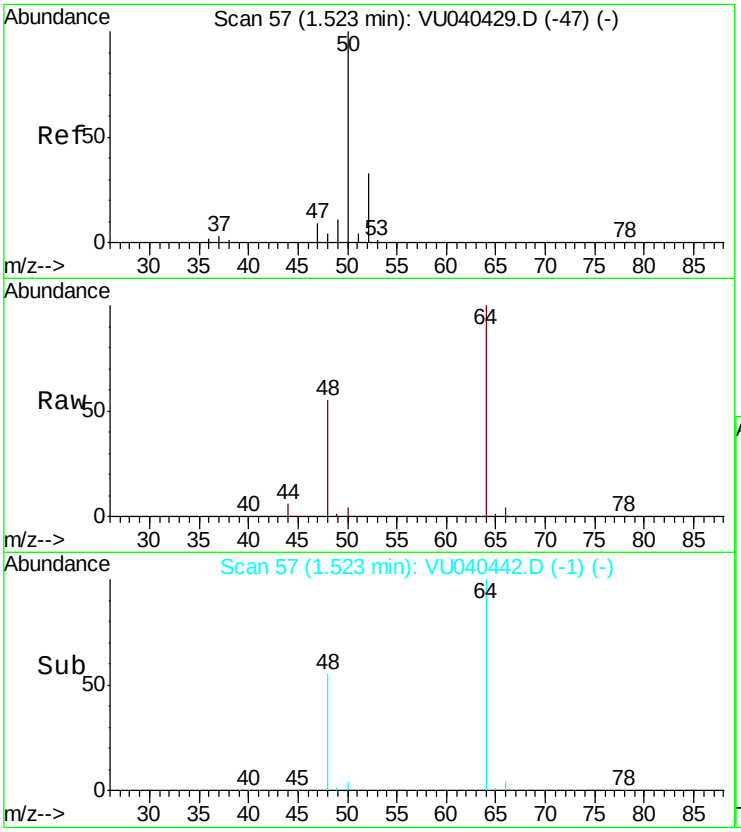
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040442.D
Acq On : 02 Oct 2020 00:10
Operator : SY/MD
Sample : L4240-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Quant Time: Oct 02 05:29:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration



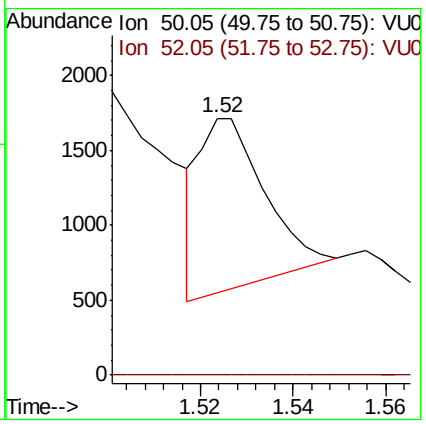


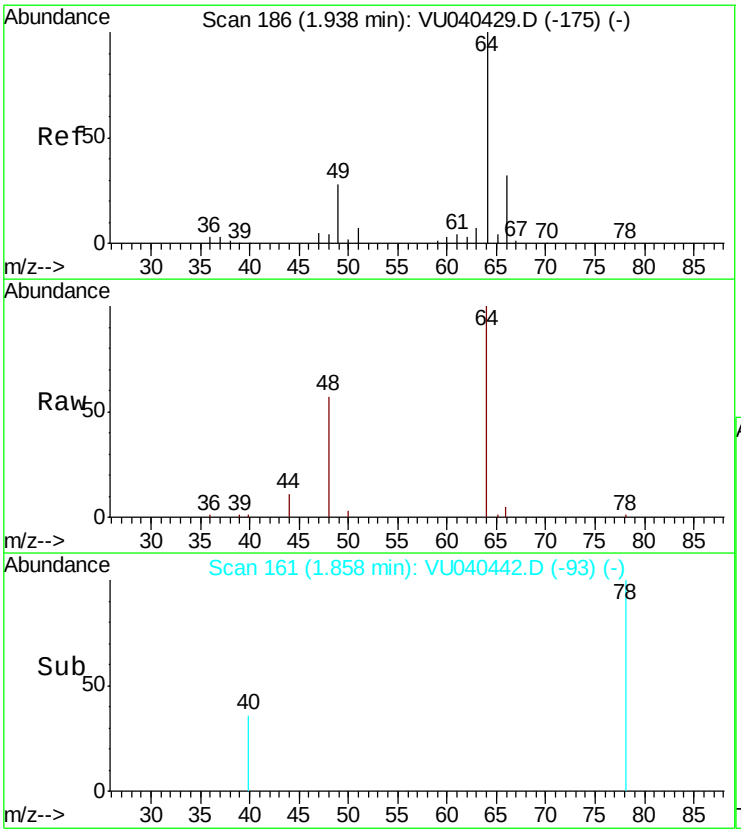
#3
Chloromethane
Concen: 0.074 ug/L
RT: 1.52 min Scan# 57
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument : MSVOA_U
ClientSampleId : BG3T3

Tgt Ion: 50 Resp: 1116

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.6#

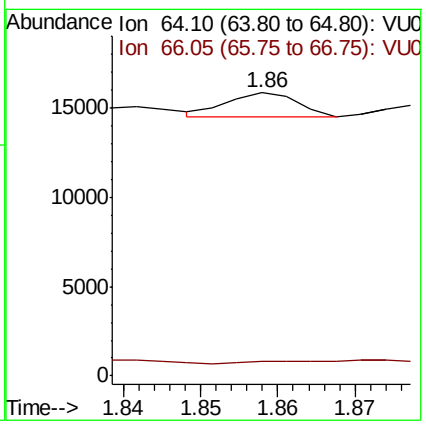


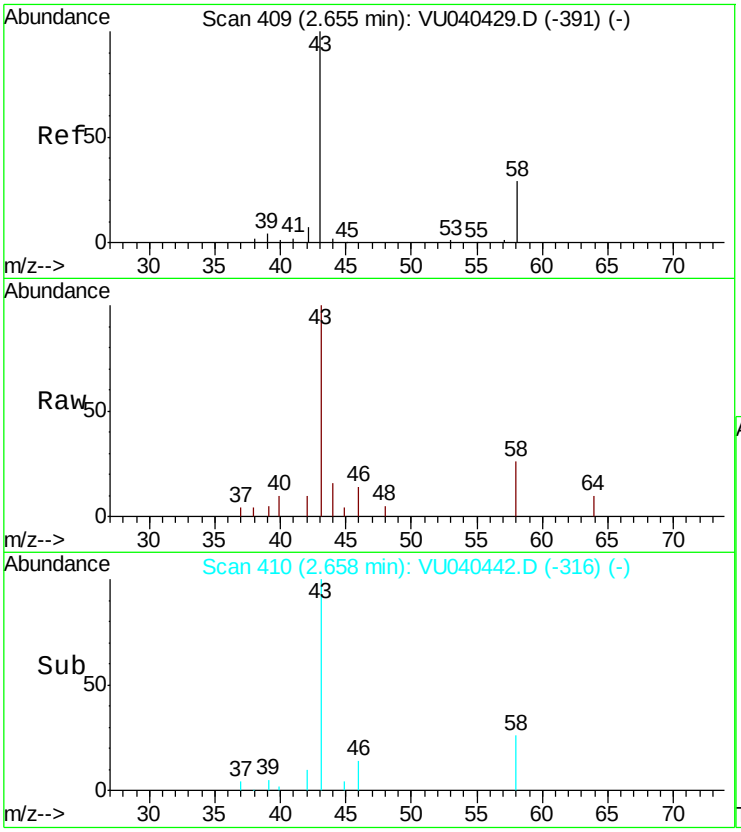


#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.86 min Scan# 161
Delta R.T. -0.08 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion: 64 Resp: 823

Ion	Ratio	Lower	Upper
64	100		
66	5.2	21.3	39.6#



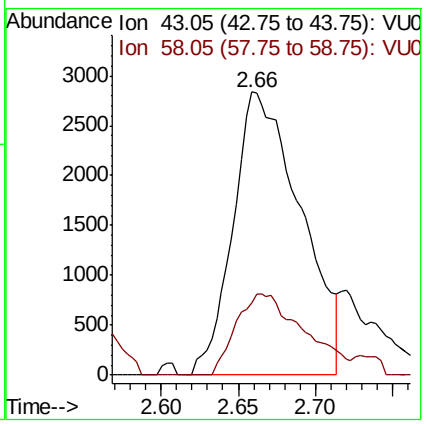


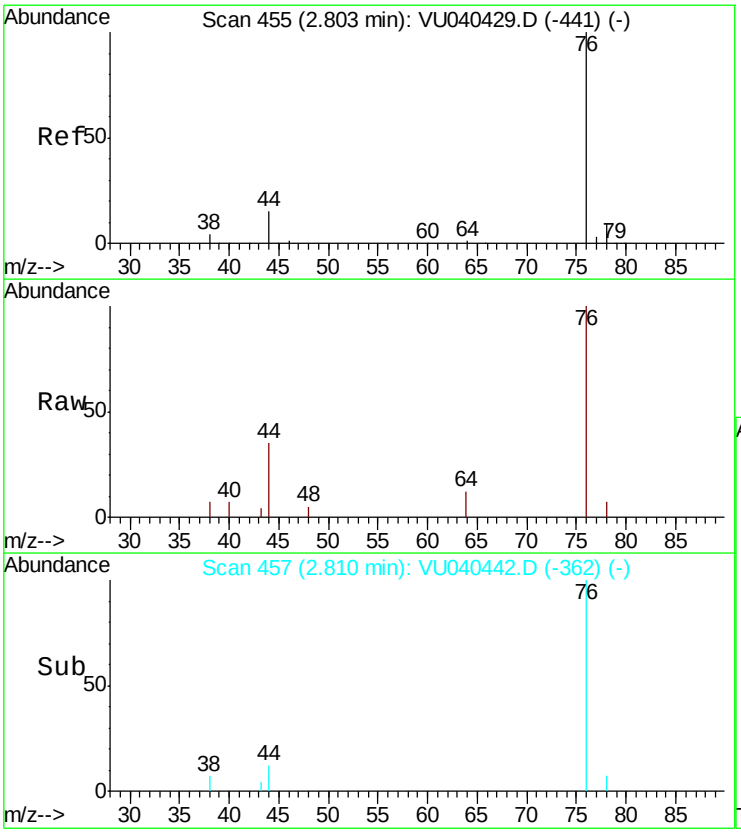
#13
Acetone
Concen: 2.750 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument : MSVOA_U
ClientSampleId : BG3T3

Tgt Ion: 43 Resp: 8625

Ion	Ratio	Lower	Upper
43	100		
58	29.1	0.0	61.8

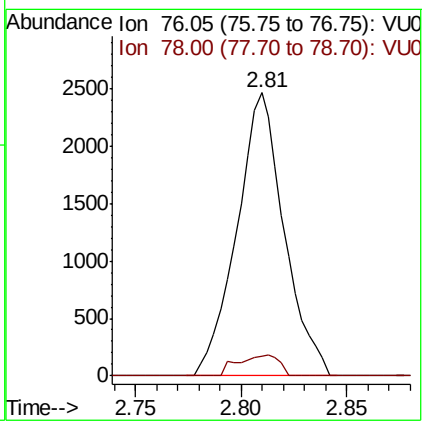


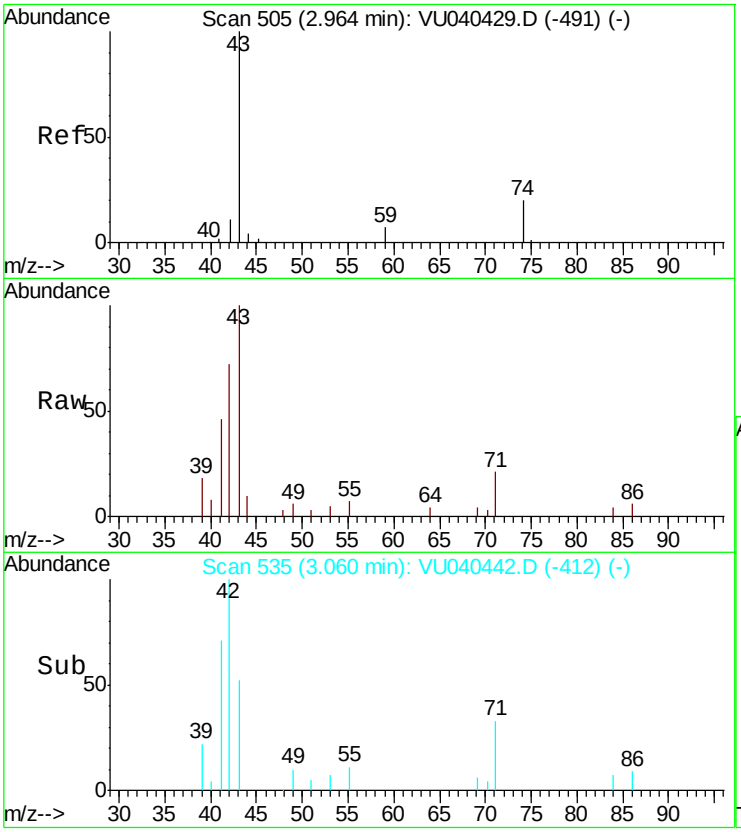


#14
Carbon disulfide
Concen: 0.104 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.01 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion: 76 Resp: 3837

Ion	Ratio	Lower	Upper
76	100		
78	7.1	7.2	10.8#



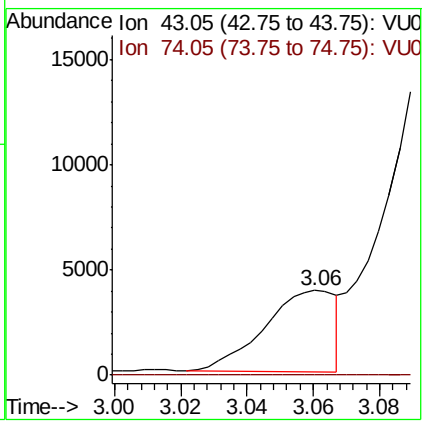


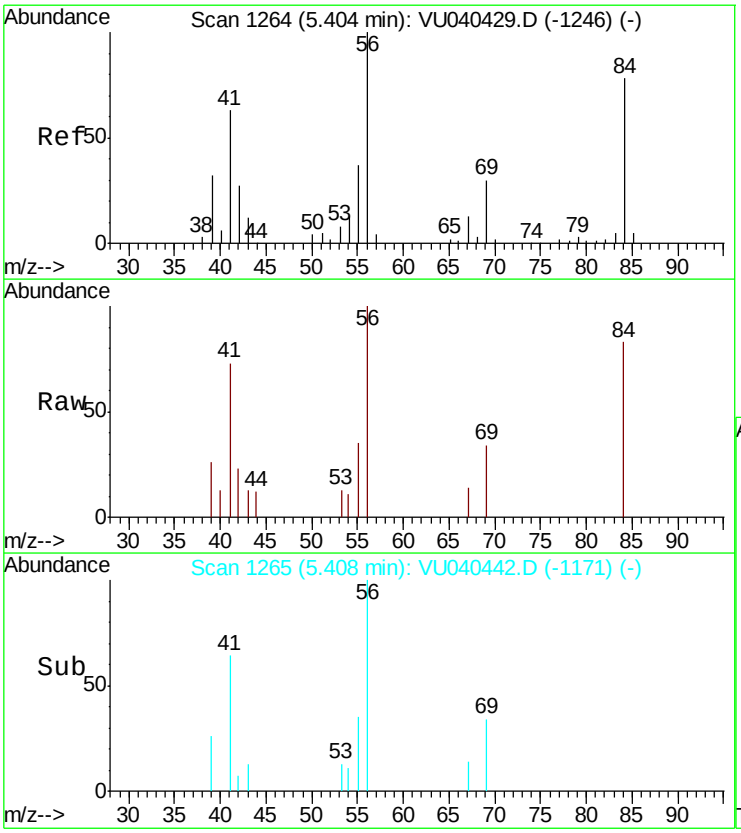
#15
Methyl Acetate
Concen: 0.769 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.10 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument : MSVOA_U
ClientSampleId : BG3T3

Tgt Ion: 43 Resp: 5811

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#

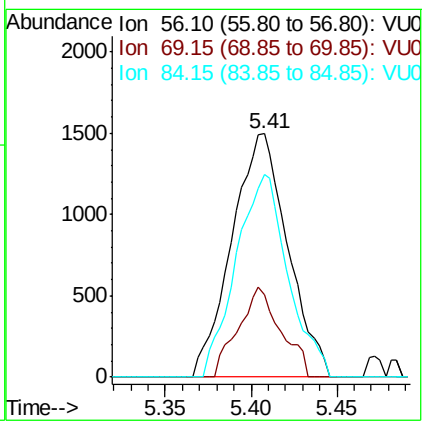


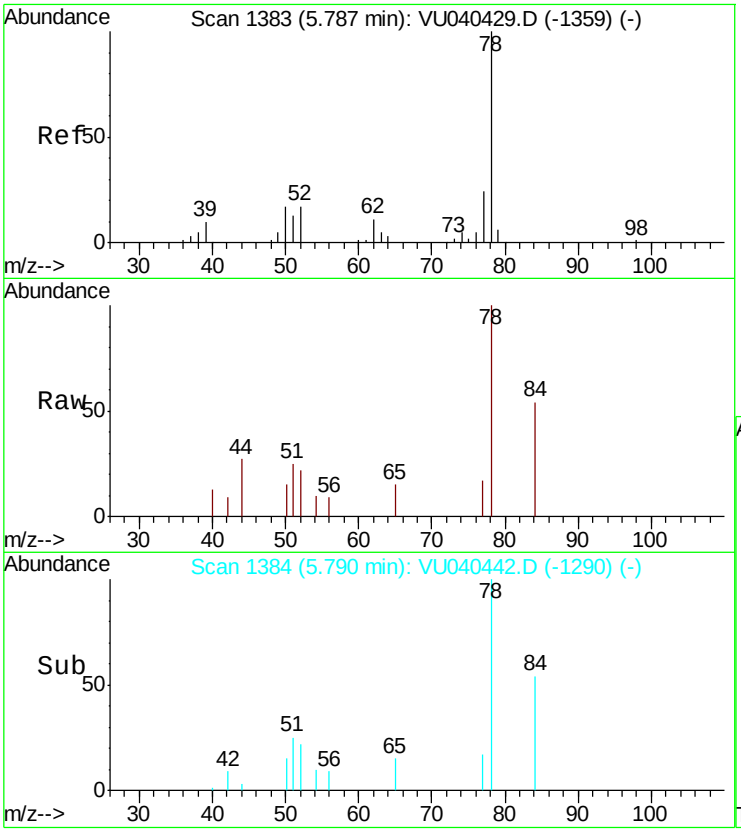


#30
Cyclohexane
Concen: 0.161 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion: 56 Resp: 3378

Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.3	34.9
84	77.1	64.2	96.4

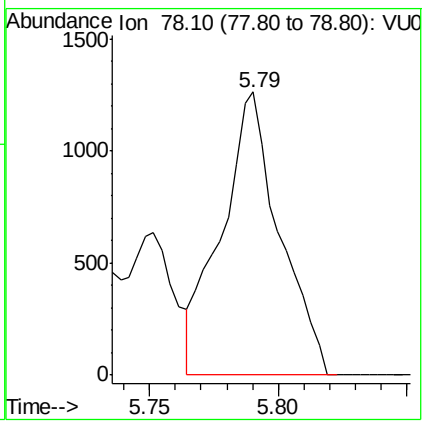


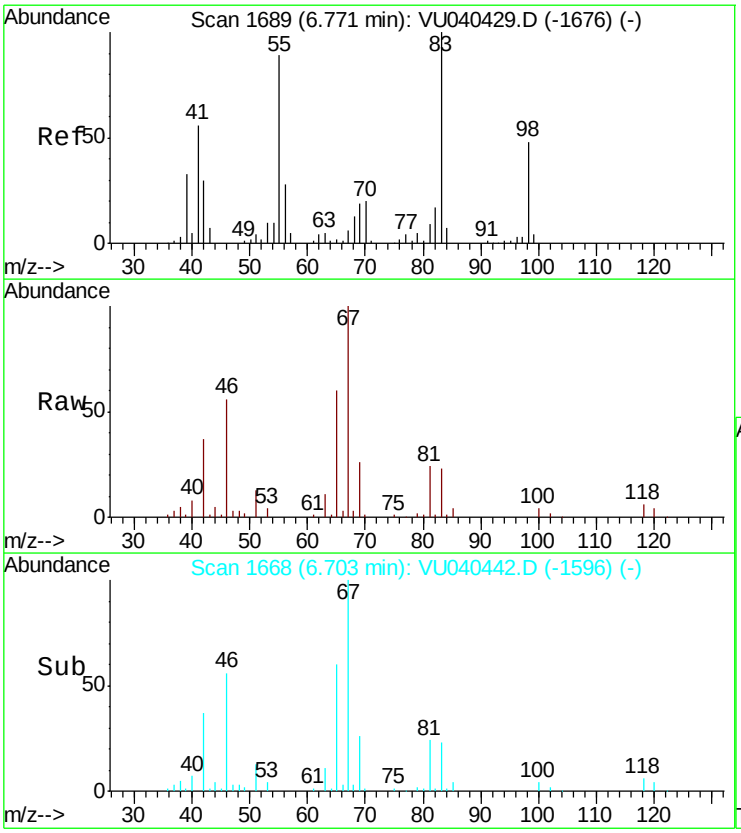


#33
Benzene
Concen: 0.040 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Tgt Ion: 78 Resp: 1980

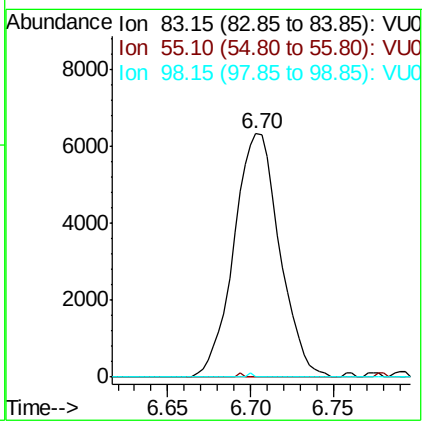


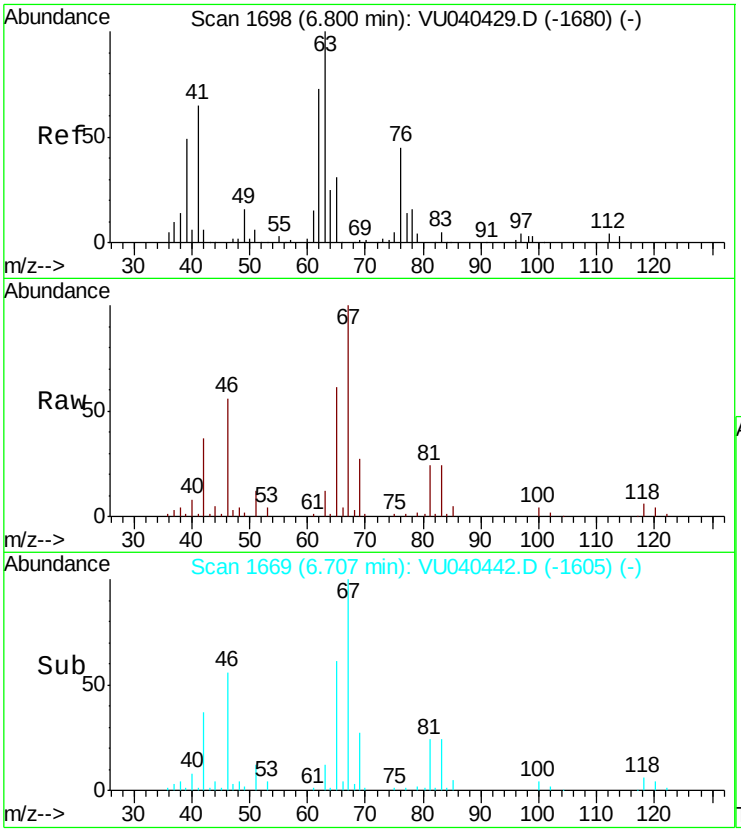


#35
Methylcyclohexane
Concen: 0.625 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion: 83 Resp: 12135

Ion	Ratio	Lower	Upper
83	100		
55	0.2	71.4	107.2#
98	0.2	38.5	57.7#



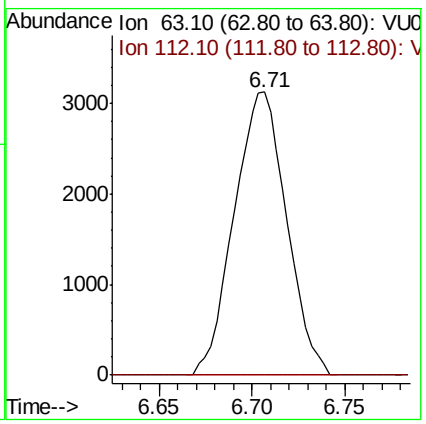


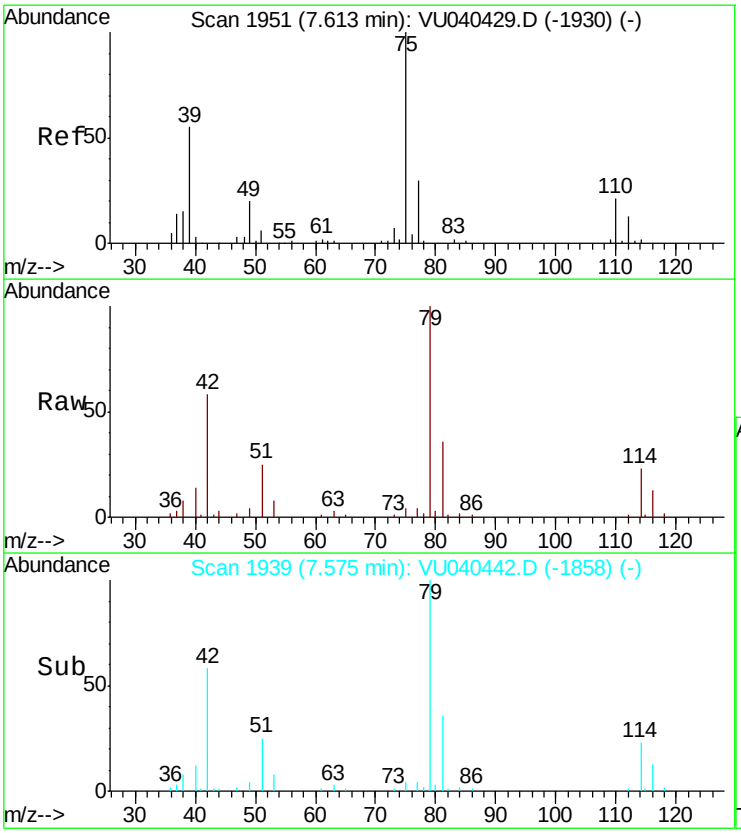
#37
1,2-Dichloropropane
Concen: 0.443 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Tgt Ion: 63 Resp: 6146

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

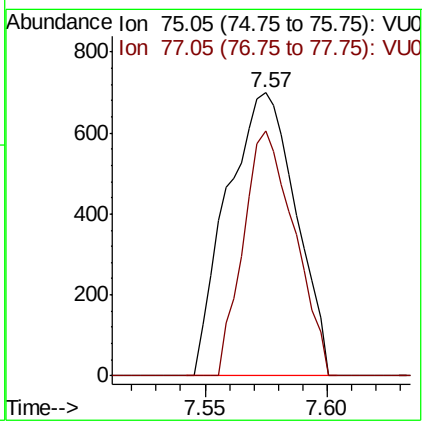


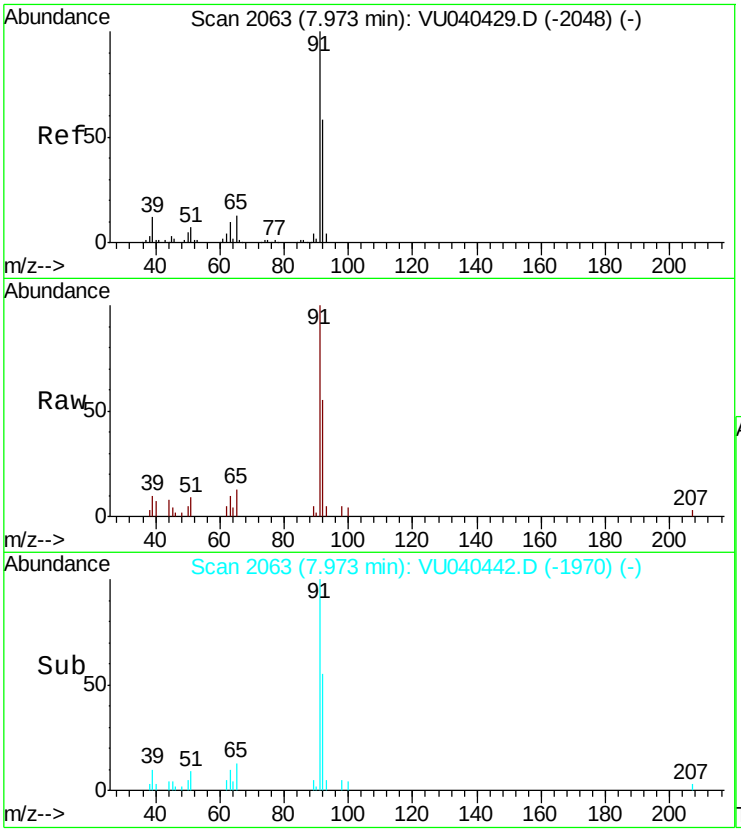


#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion: 75 Resp: 1368

Ion	Ratio	Lower	Upper
75	100		
77	86.7	23.5	43.7#



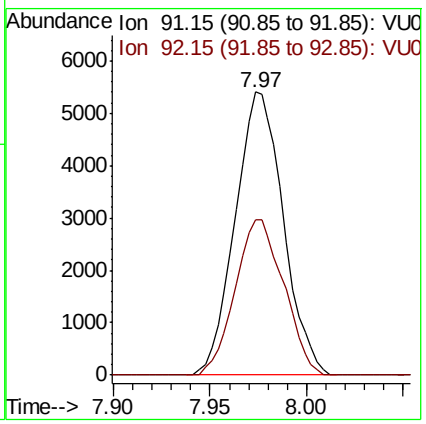


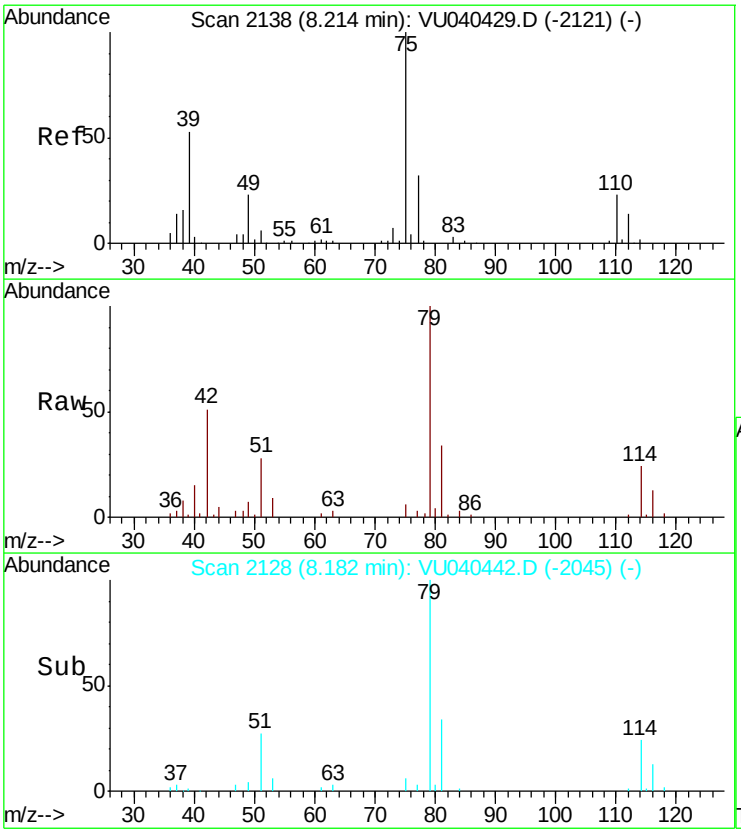
#42
Toluene
Concen: 0.183 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Tgt Ion: 91 Resp: 9335

Ion	Ratio	Lower	Upper
91	100		
92	54.7	40.0	74.4

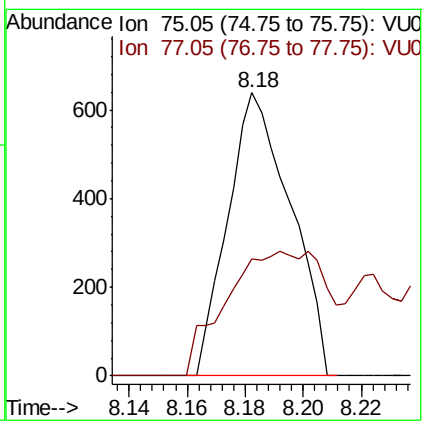


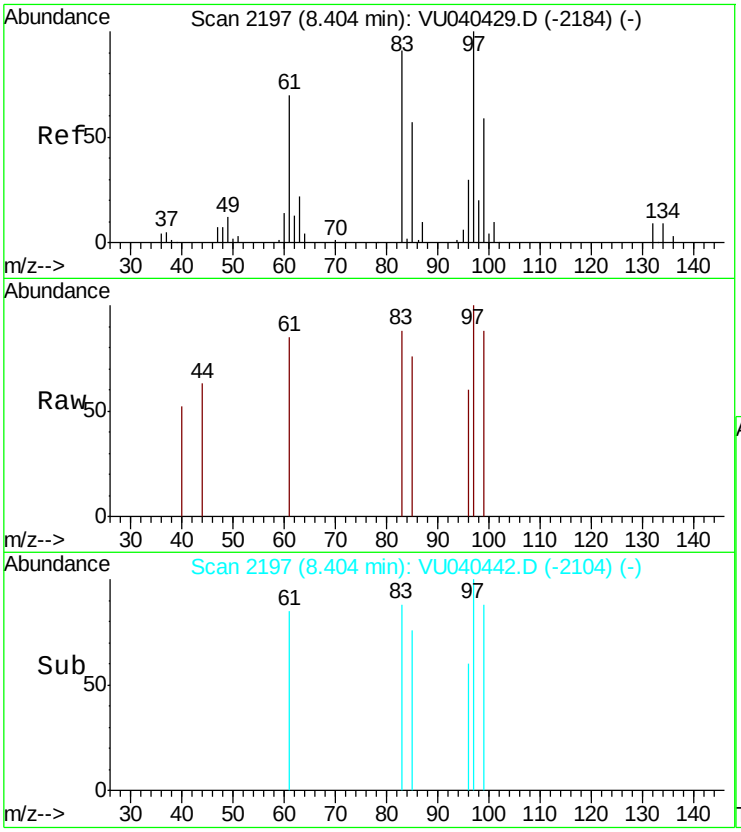


#44
trans-1,3-Dichloropropene
Concen: 0.056 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion: 75 Resp: 959

Ion	Ratio	Lower	Upper
75	100		
77	41.5	22.3	41.3#



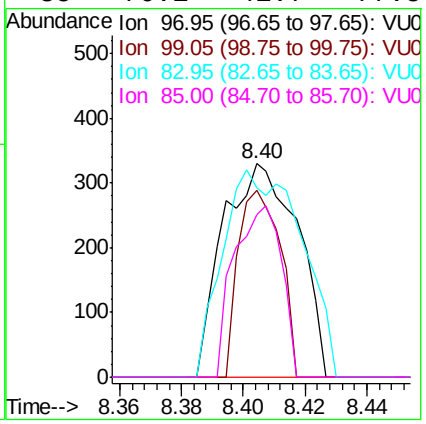


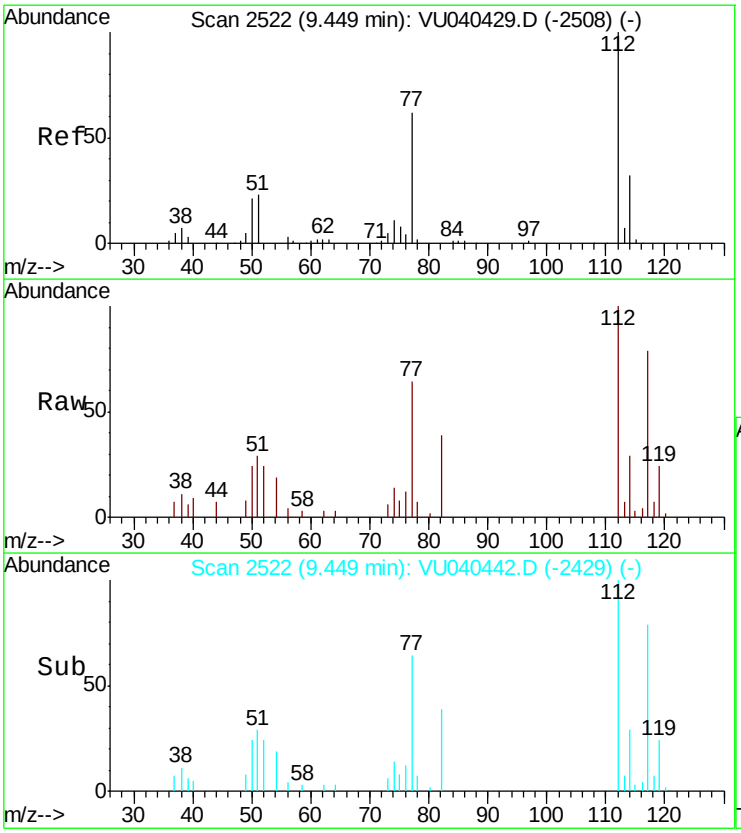
#45
1,1,2-Trichloroethane
Concen: 0.057 ug/L
RT: 8.40 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument : MSVOA_U
ClientSampleId : BG3T3

Tgt Ion: 97 Resp: 553

Ion	Ratio	Lower	Upper
97	100		
99	87.6	45.8	85.0#
83	88.5	62.9	116.9
85	76.1	41.7	77.5

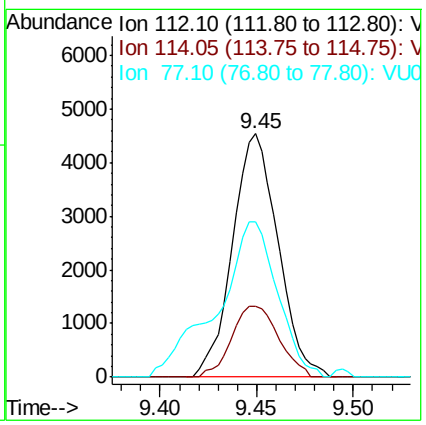


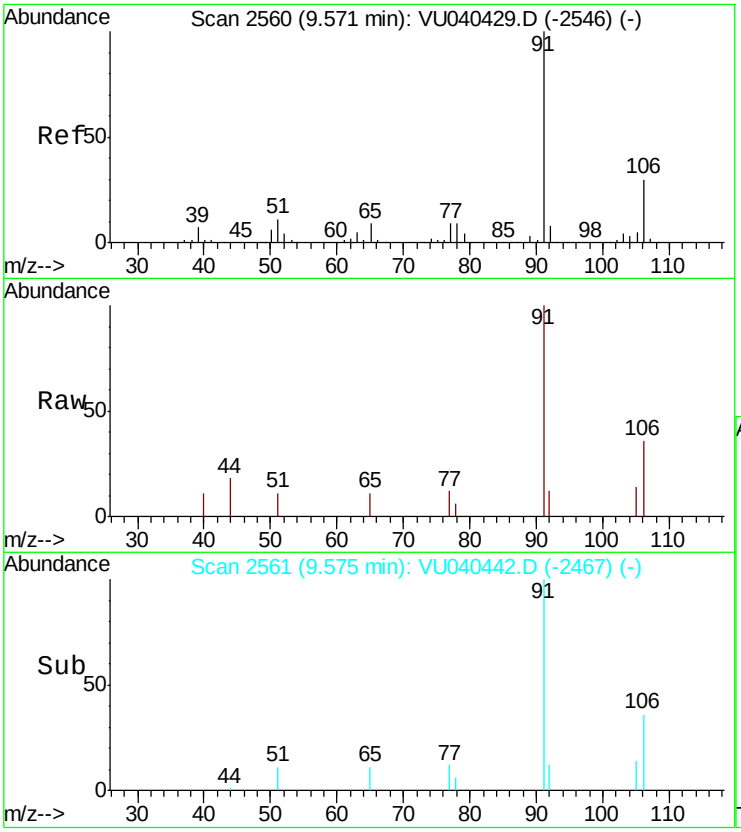


#51
Chlorobenzene
Concen: 0.224 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion:112 Resp: 7417

Ion	Ratio	Lower	Upper
112	100		
114	29.2	22.0	40.8
77	63.8	49.5	74.3



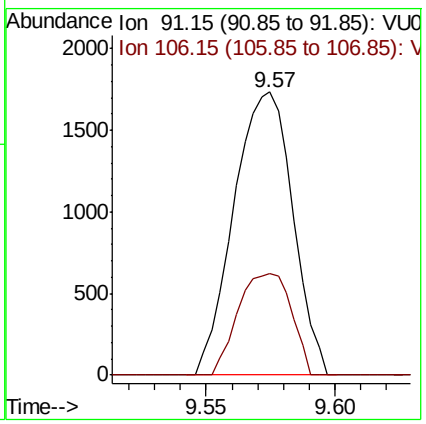


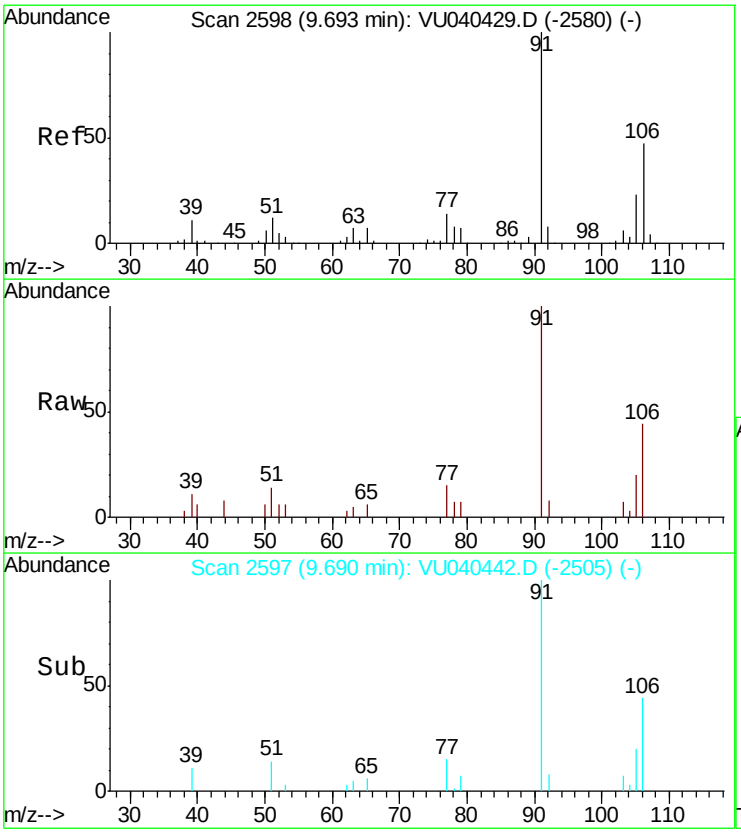
#52
Ethylbenzene
Concen: 0.050 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument : MSVOA_U
ClientSampleId : BG3T3

Tgt Ion: 91 Resp: 2761

Ion	Ratio	Lower	Upper
91	100		
106	36.0	21.1	39.3

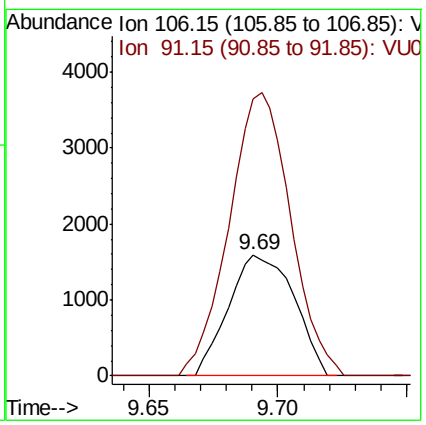


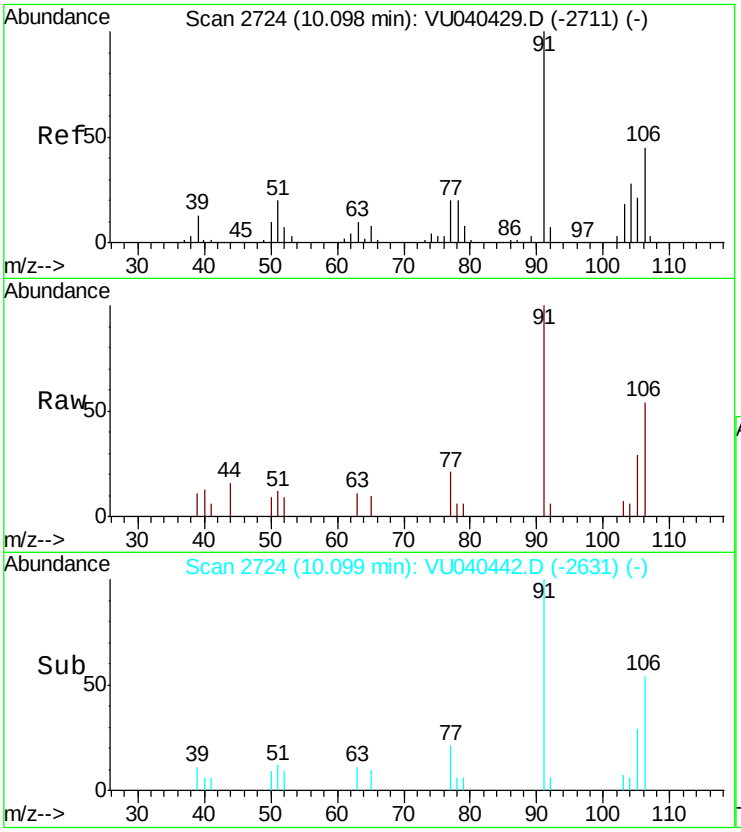


#53
m,p-Xylene
Concen: 0.137 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion:106 Resp: 2828

Ion	Ratio	Lower	Upper
106	100		
91	229.3	149.0	276.6



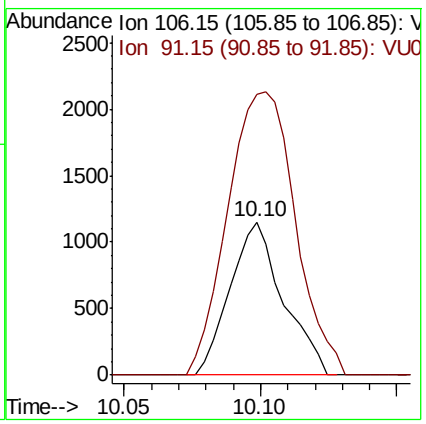


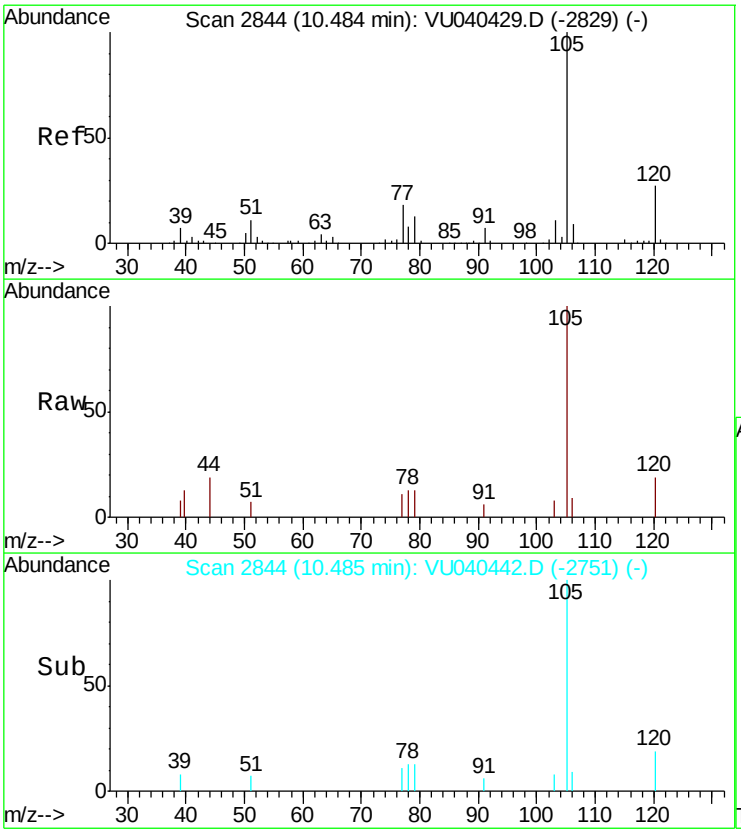
#54
o-Xylene
Concen: 0.080 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Tgt Ion:106 Resp: 1554

Ion	Ratio	Lower	Upper
106	100		
91	183.8	160.9	298.9

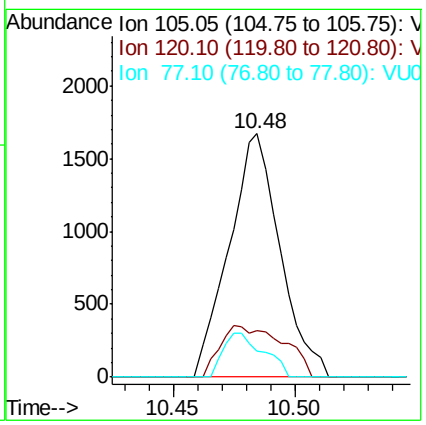


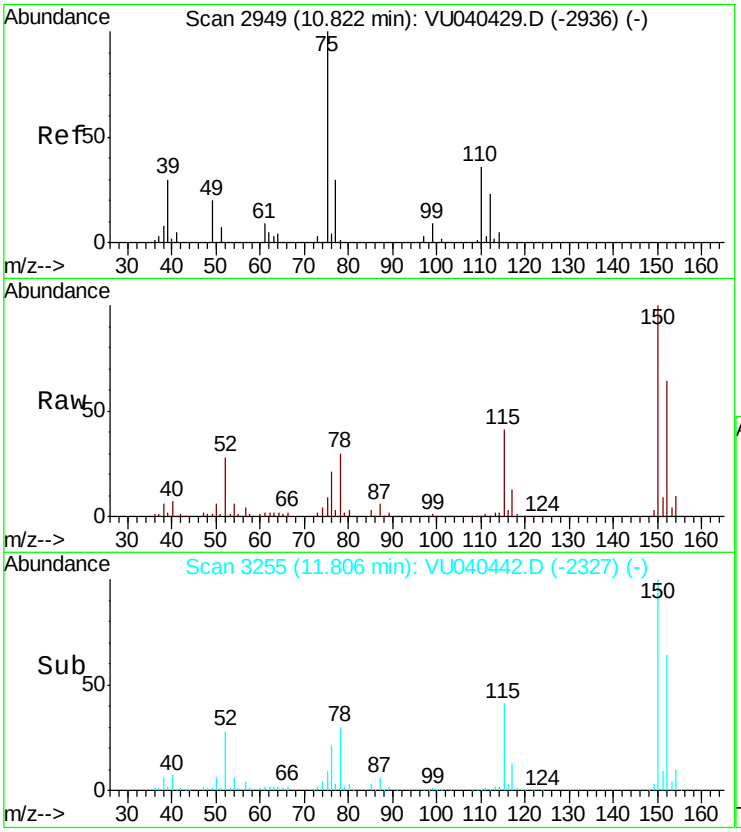


#56
Isopropylbenzene
Concen: 0.046 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion:105 Resp: 2413

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.6	30.8
77	14.5	14.3	21.5



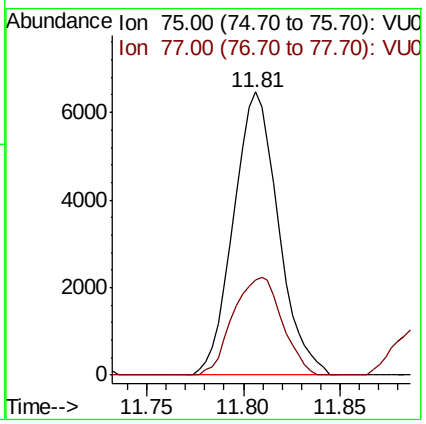


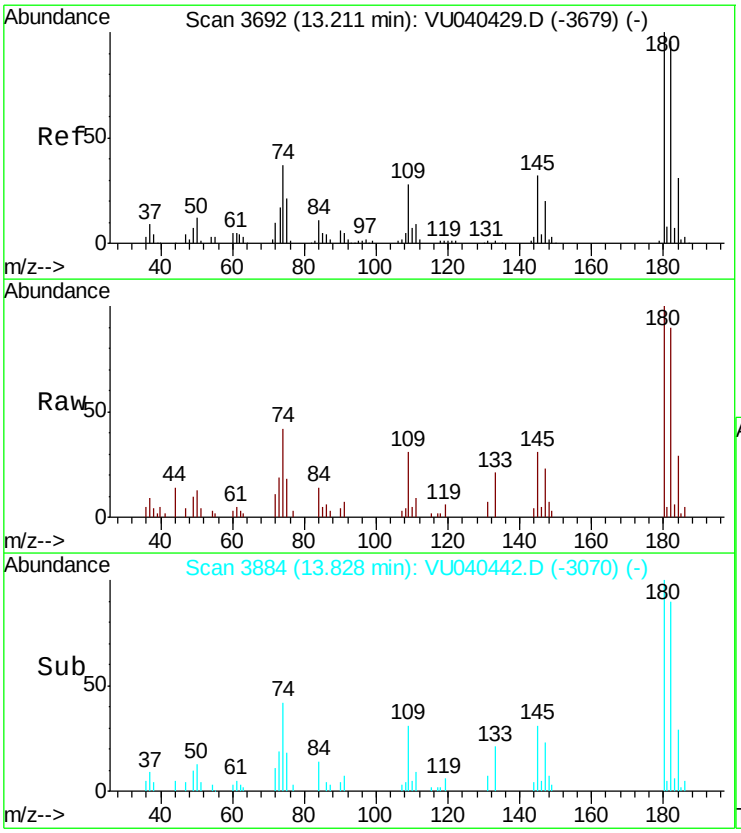
#59
1,2,3-Trichloropropane
Concen: 1.042 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Tgt Ion: 75 Resp: 10487

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.7	38.5

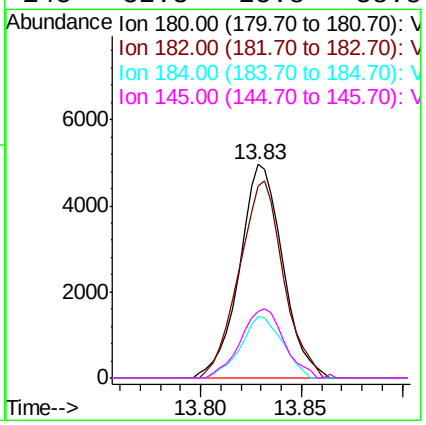


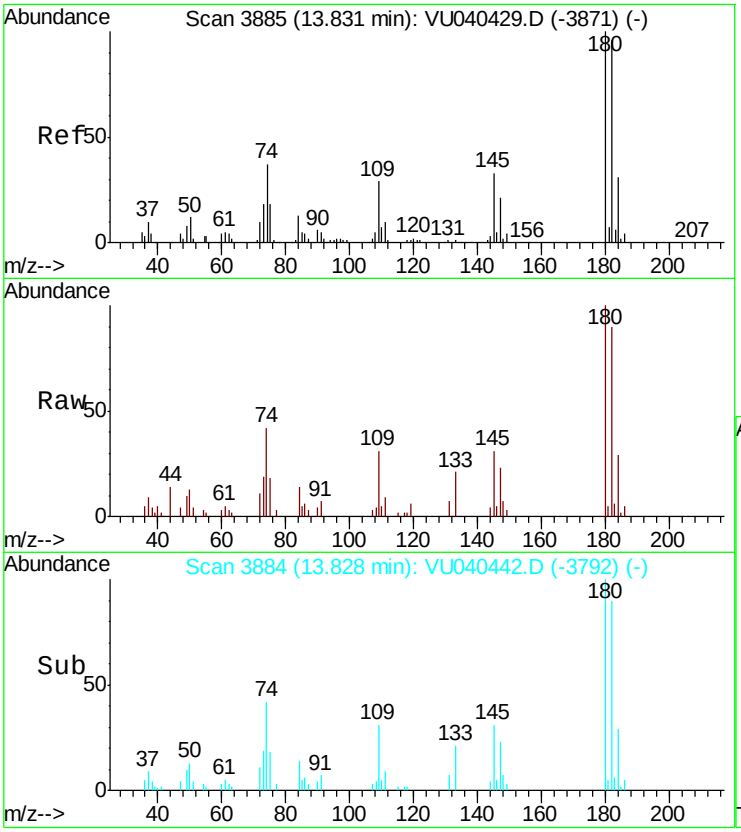


#67
1,3,5-Trichlorobenzene
Concen: 0.436 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. 0.62 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion:180 Resp: 7476

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.5	114.7
184	27.7	24.6	37.0
145	32.3	25.8	38.8



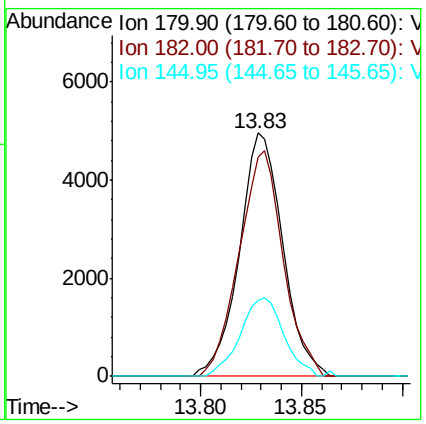


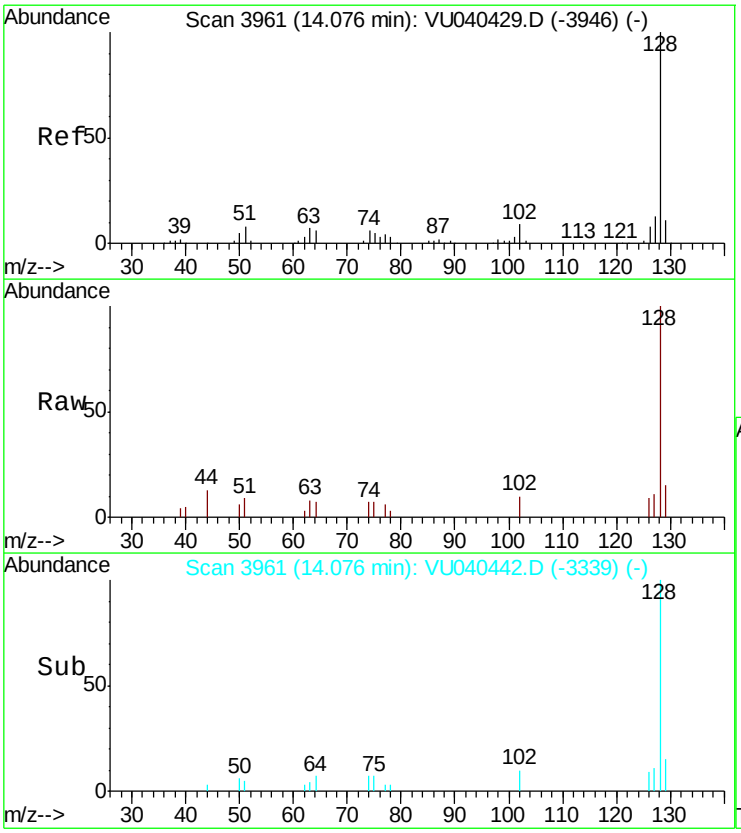
#68
1,2,4-trichlorobenzene
Concen: 0.543 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Tgt Ion:180 Resp: 7476

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.6	115.0
145	32.3	26.3	39.5

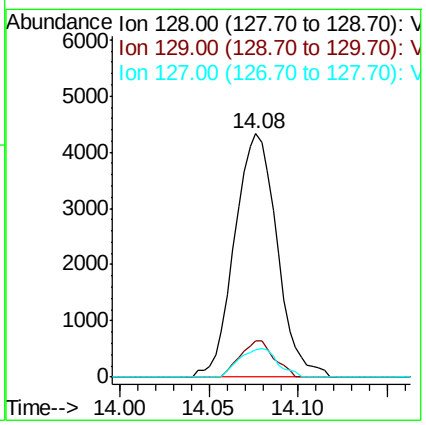


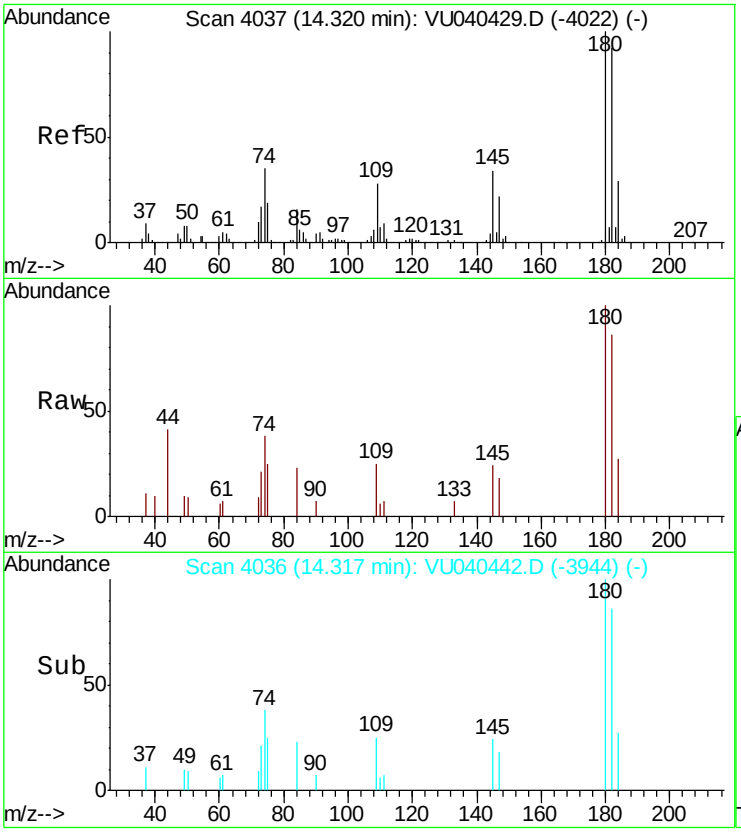


#69
Naphthalene
Concen: 0.305 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion:128 Resp: 7173

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.2	12.4
127	10.5	10.2	15.4





#70
1,2,3-Trichlorobenzene
Concen: 0.206 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Tgt Ion:180 Resp: 2591

Ion	Ratio	Lower	Upper
180	100		
182	84.8	76.6	115.0
145	26.9	27.8	41.6#