Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071020\
Data File : VU039428.D
Acq On : 10 Jul 2020 14:34
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Jul 11 02:51:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 02:49:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	94668	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89981	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44437	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	22668	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.93	69	26966	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.58	63	37861	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.20%			
20) 2-Butanone-d5	4.66	46	152074	60.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.14%			
24) Chloroform-d	5.09	84	60619	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
26) 1,2-Dichloroethane-d4	5.72	65	39236	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
32) Benzene-d6	5.75	84	113401	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
36) 1,2-Dichloropropane-d6	6.71	67	41037	5.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%			
41) Toluene-d8	7.91	98	96698	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
43) trans-1,3-Dichloropropene-	8.19	79	16350	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.64	63	114545	57.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.92%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39685	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	40240	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	6793	1.218	ug/L	90
12) 1,1-Dichloroethene	2.58	96	389	0.069	ug/L #	1
13) Acetone	2.66	43	2390	1.764	ug/L	66
15) Methyl Acetate	2.97	43	574	0.160	ug/L #	52
16) Methylene chloride	3.07	84	451	0.064	ug/L #	55
17) Methyl tert-butyl Ether	3.39	73	12259	0.691	ug/L #	1
25) Chloroform	5.11	83	5079	0.412	ug/L	91
27) 1,2-Dichloroethane	5.79	62	2313	0.260	ug/L #	78
33) Benzene	5.79	78	202152	7.514	ug/L	100
35) Methylcyclohexane	6.71	83	8351	0.749	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	4831	0.659	ug/L	99
42) Toluene	7.98	91	7830	0.272	ug/L	98
51) Chlorobenzene	9.45	112	80347	4.564	ug/L	99
52) Ethylbenzene	9.57	91	50420	1.584	ug/L	98
53) m,p-Xylene	9.69	106	3455	0.288	ug/L	87
54) o-Xylene	10.10	106	86708	7.425	ug/L	95
55) Styrene	10.10	104	5512	0.271	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071020\
Data File : VU039428.D
Acq On : 10 Jul 2020 14:34
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Jul 11 02:51:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 02:49:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) Isopropylbenzene	10.48	105	47958	1.518	ug/L		99
62) 1,3-Dichlorobenzene	11.74	146	1142	0.082	ug/L	#	76
63) 1,4-Dichlorobenzene	11.83	146	12190	0.873	ug/L		96
65) 1,2-Dichlorobenzene	12.21	146	8296	0.594	ug/L		96
69) Naphthalene	14.08	128	5891	0.328	ug/L		96

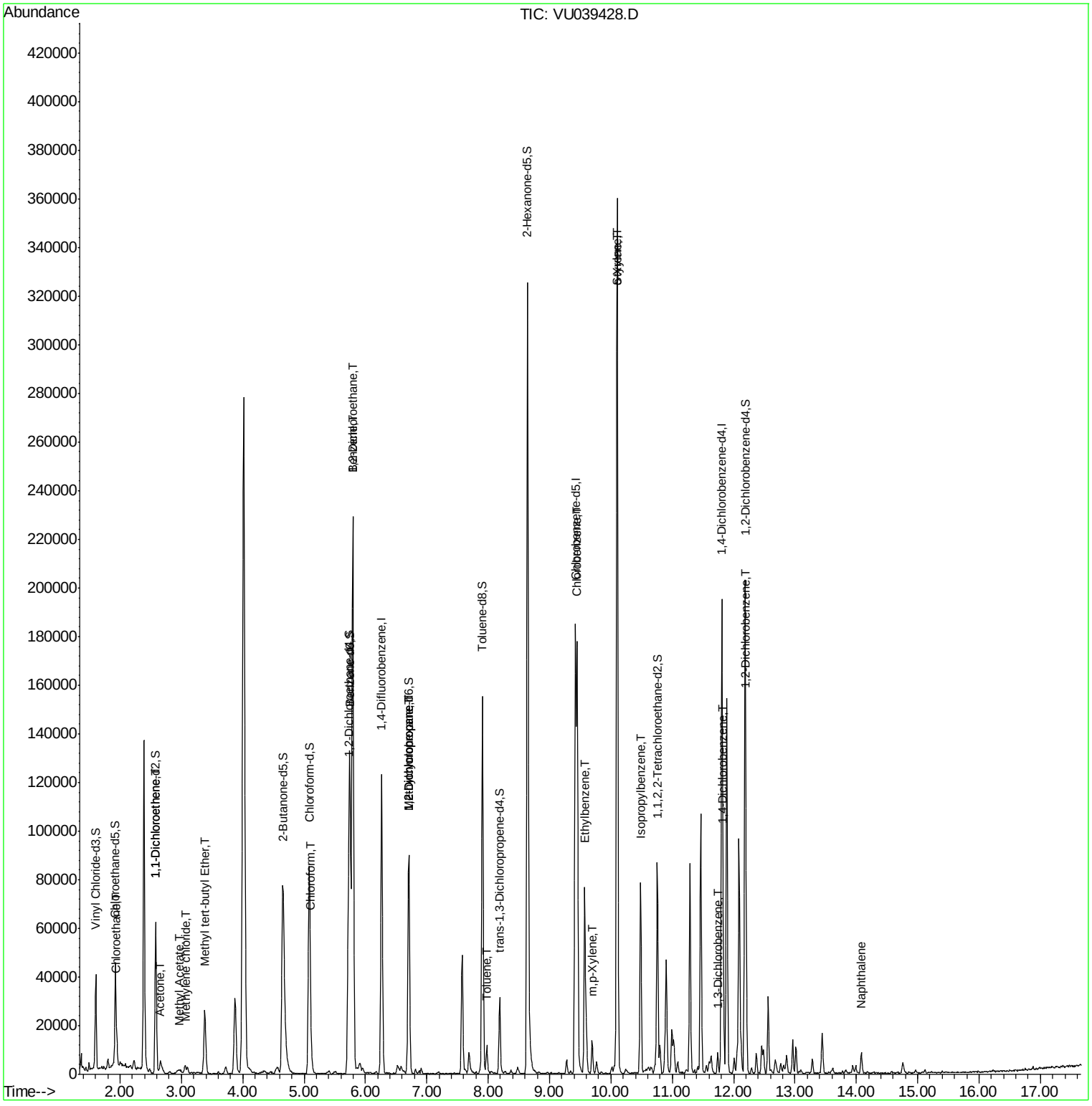
(#) = qualifier out of range (m) = manual integration (+) = signals summed

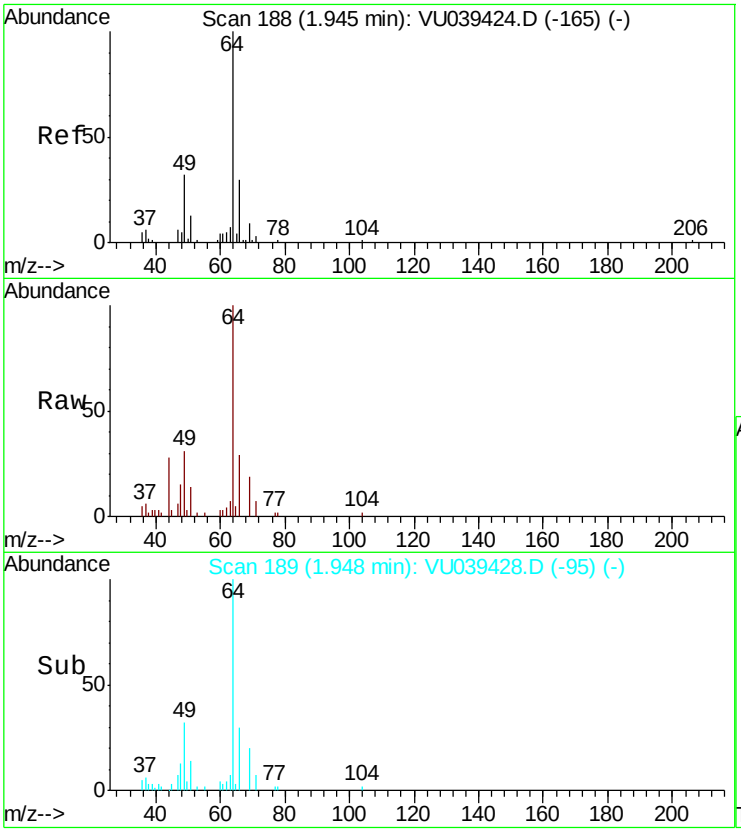
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071020\
Data File : VU039428.D
Acq On : 10 Jul 2020 14:34
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 11 02:51:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 02:49:36 2020
Response via : Initial Calibration



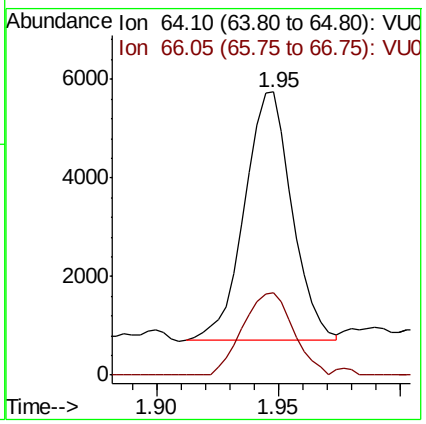


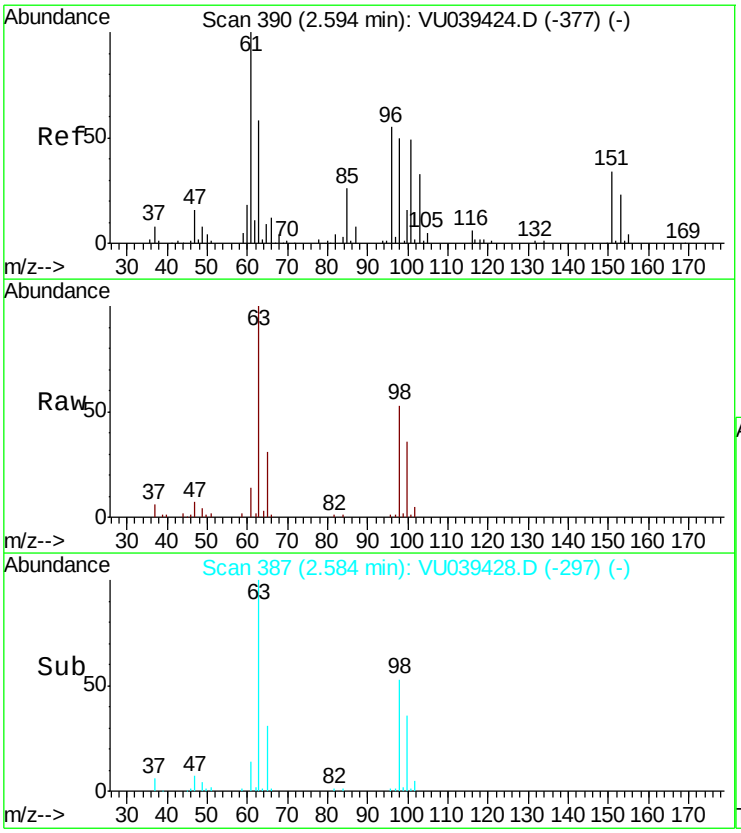
#8
Chloroethane
Concen: 1.218 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 6793

Ion	Ratio	Lower	Upper
64	100		
66	27.9	23.5	43.7

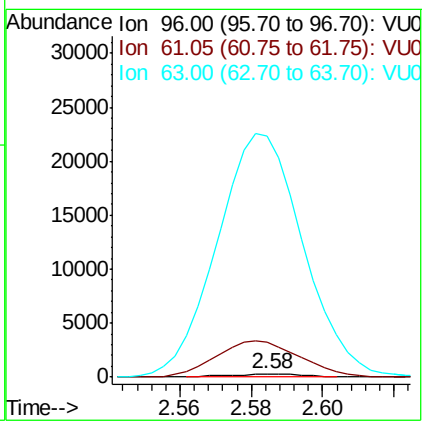


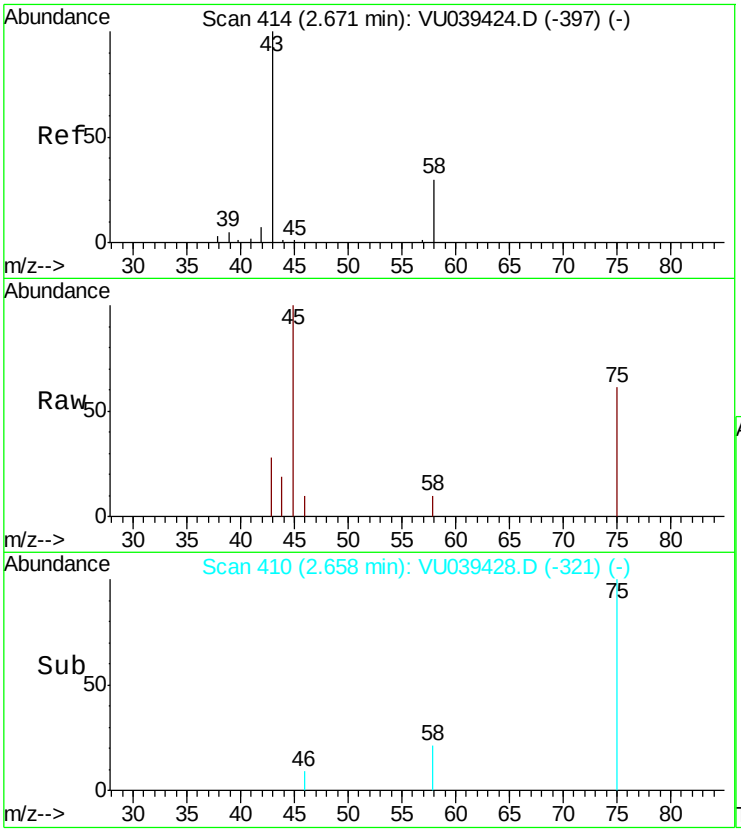


#12
1,1-Dichloroethene
Concen: 0.069 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion: 96 Resp: 389

Ion	Ratio	Lower	Upper
96	100		
61	1068.7	125.4	232.8#
63	7434.7	92.7	172.3#



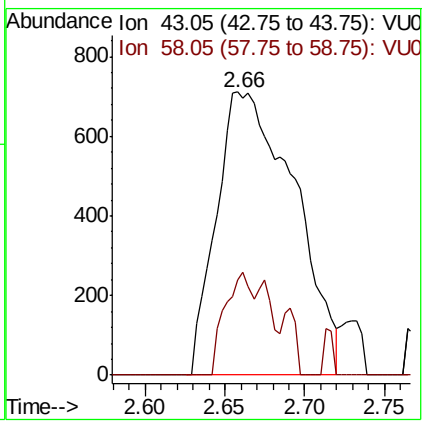


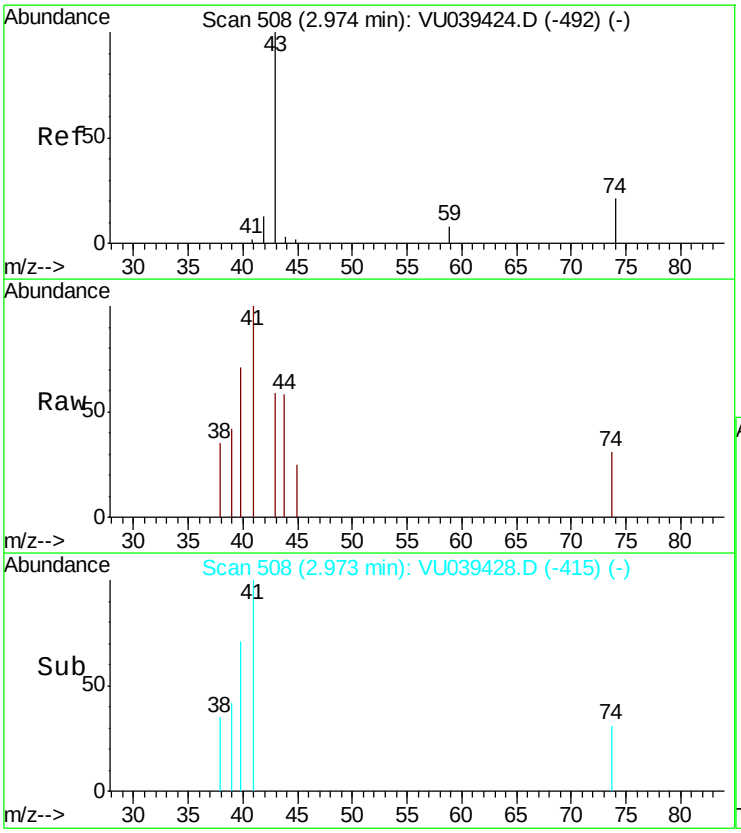
#13
Acetone
Concen: 1.764 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2390

Ion	Ratio	Lower	Upper
43	100		
58	12.7	0.0	62.8

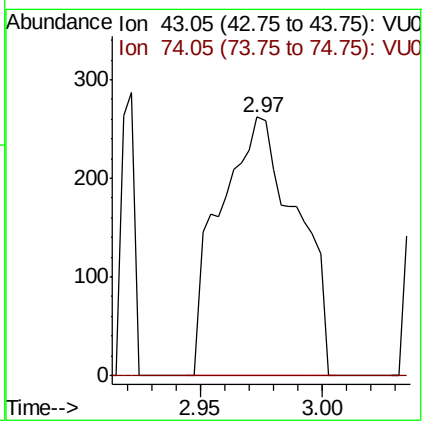


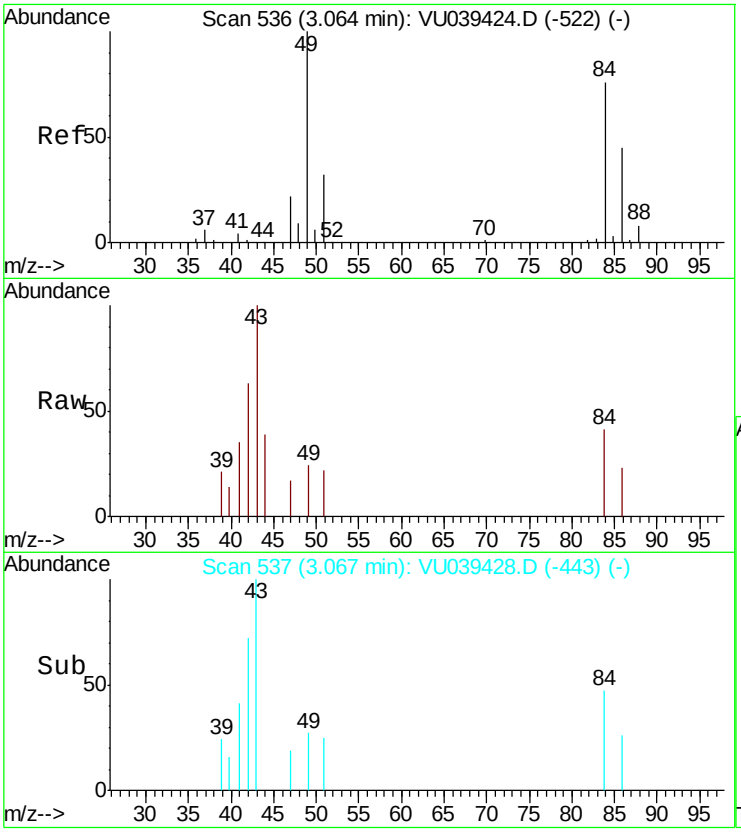


#15
Methyl Acetate
Concen: 0.160 ug/L
RT: 2.97 min Scan# 508
Delta R.T. -0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion: 43 Resp: 574

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.7	28.1#



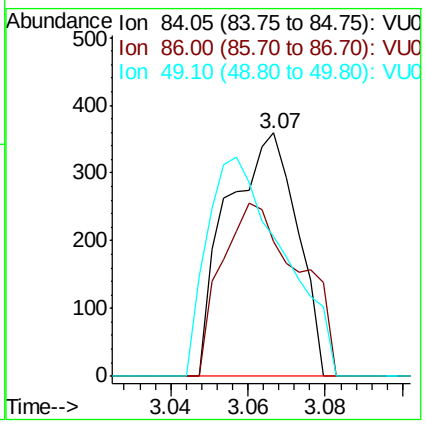


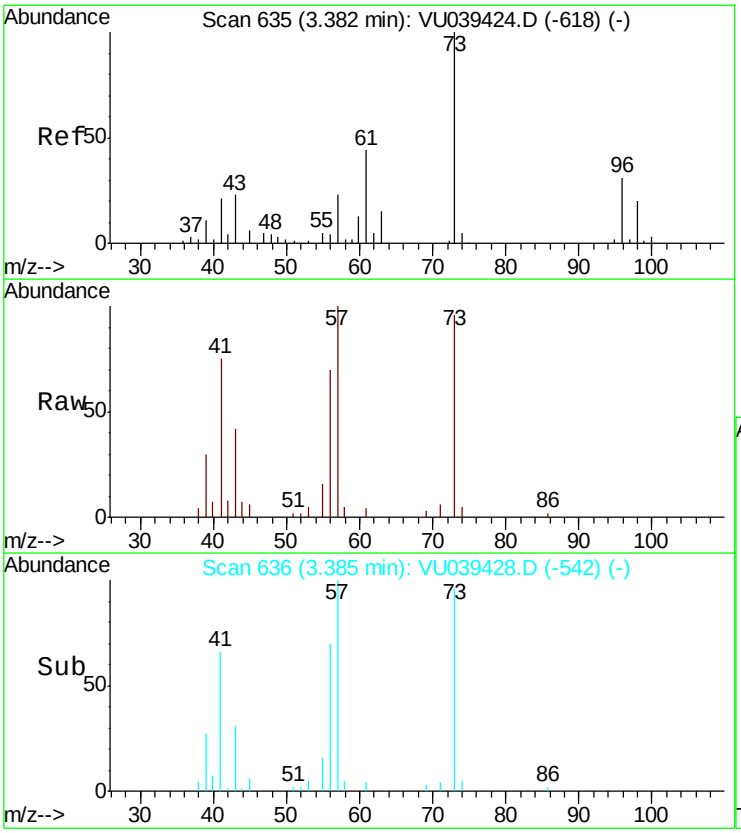
#16
Methylene chloride
Concen: 0.064 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 451

Ion	Ratio	Lower	Upper
84	100		
86	55.4	43.5	80.9
49	57.4	91.1	169.1#

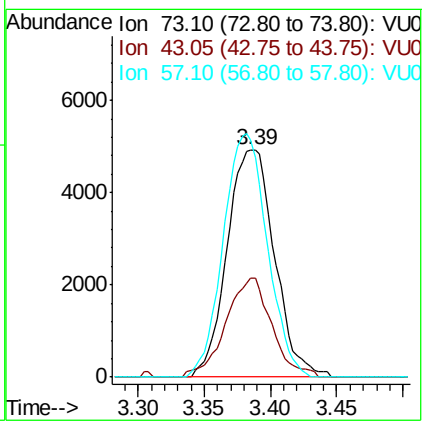


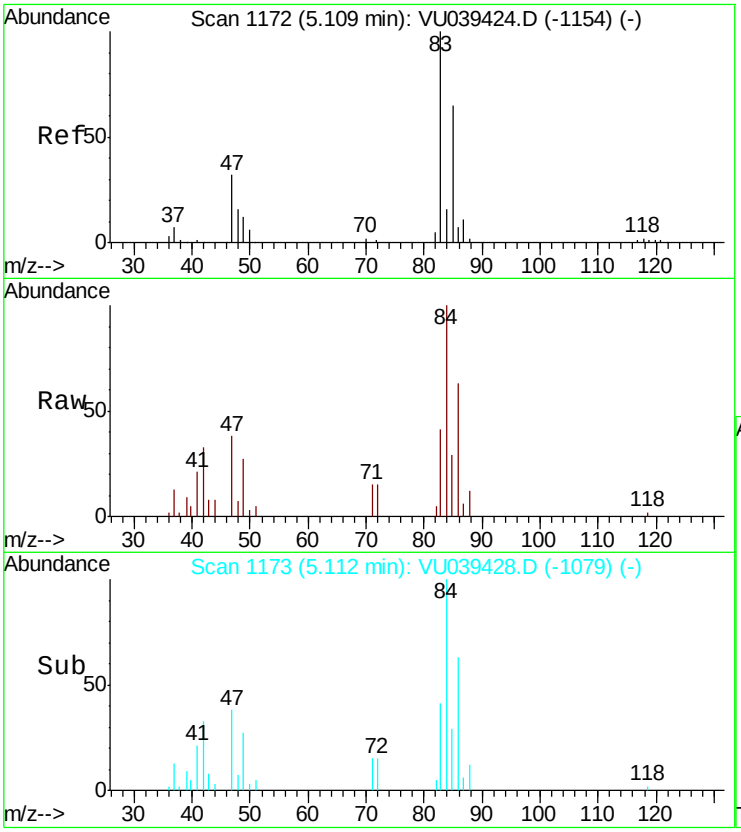


#17
Methyl tert-butyl Ether
Concen: 0.691 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion: 73 Resp: 12259

Ion	Ratio	Lower	Upper
73	100		
43	42.2	18.6	28.0#
57	99.6	17.9	26.9#



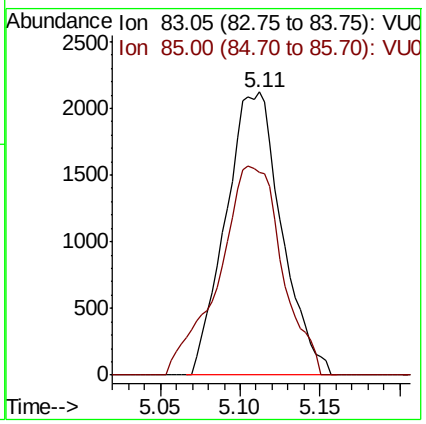


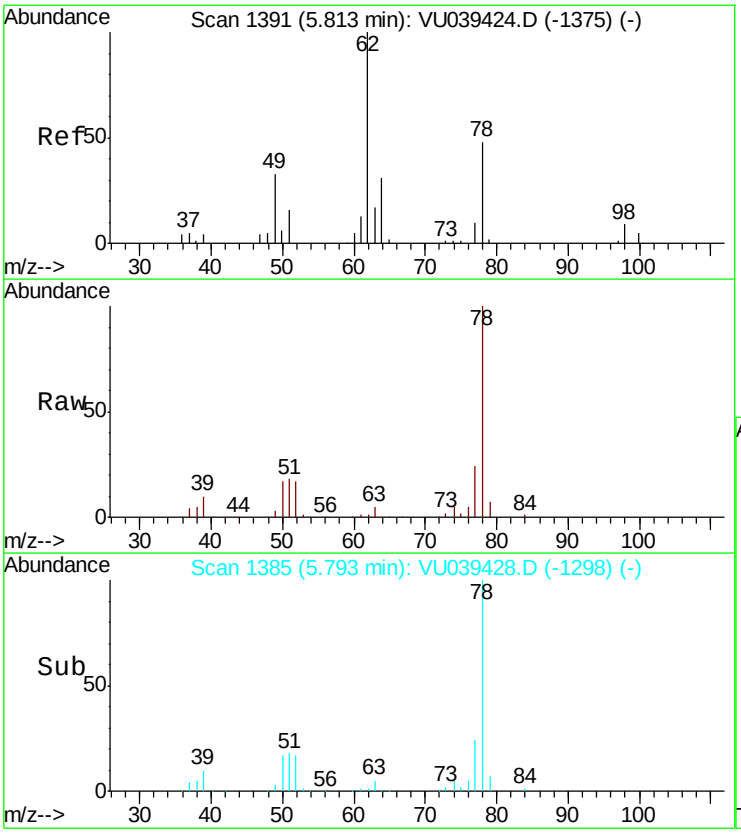
#25
Chloroform
Concen: 0.412 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 5079

Ion	Ratio	Lower	Upper
83	100		
85	71.6	44.9	83.5

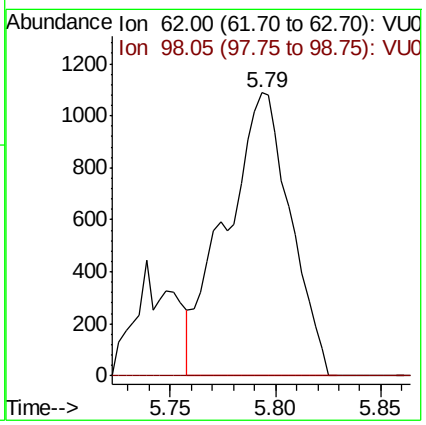


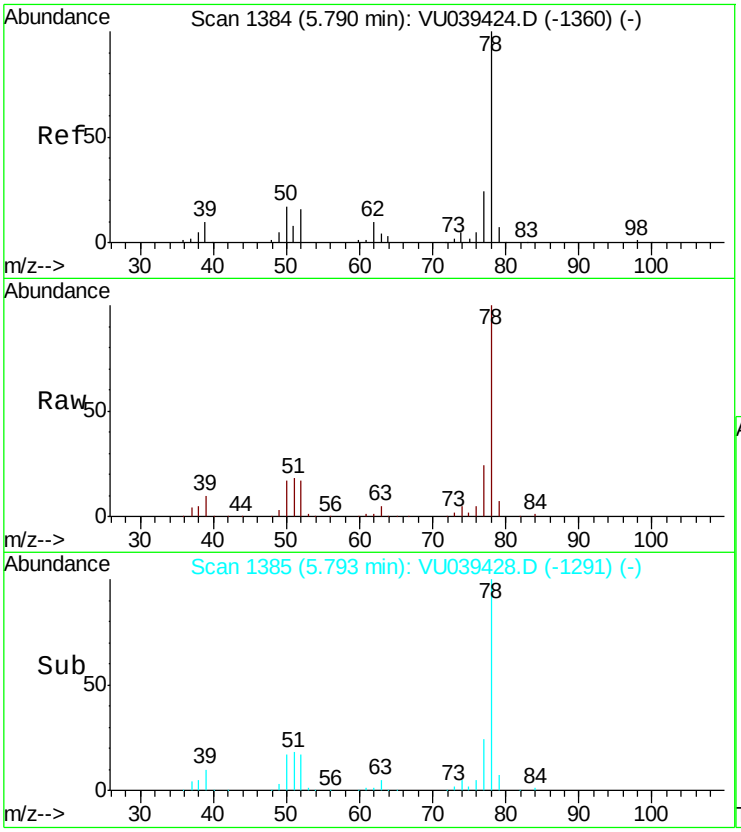


#27
1,2-Dichloroethane
Concen: 0.260 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. -0.02 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion: 62 Resp: 2313

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.3	9.5#

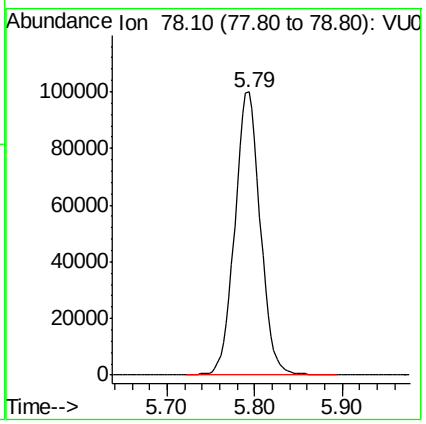


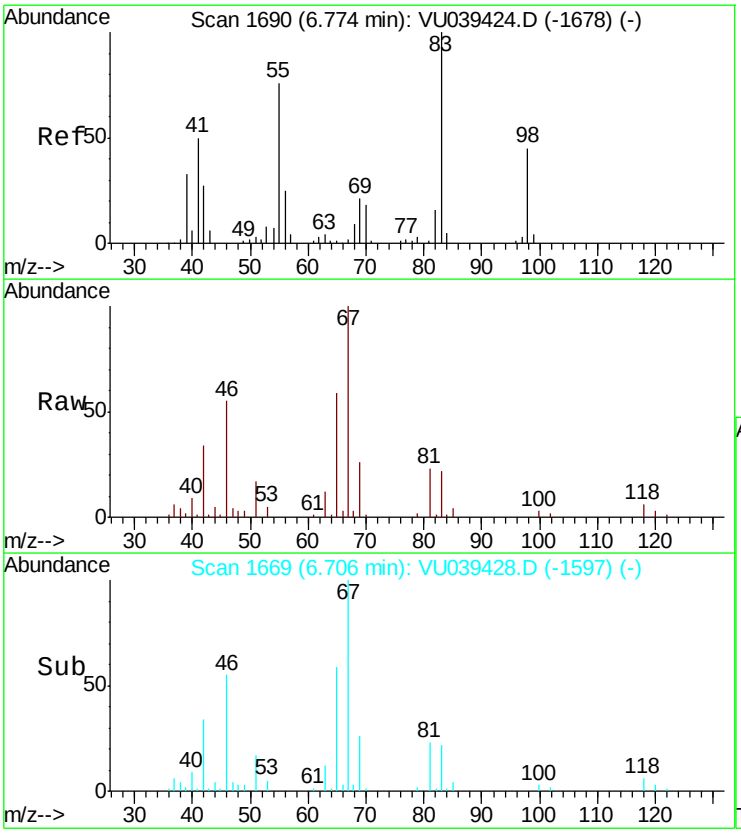


#33
Benzene
Concen: 7.514 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 202152

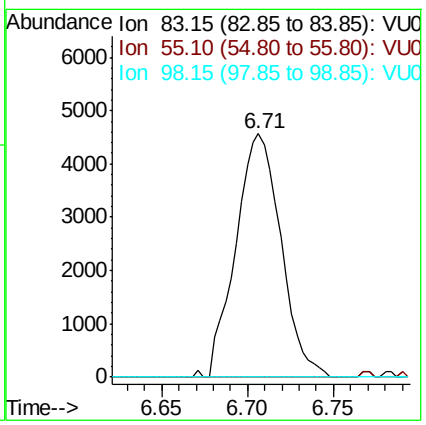


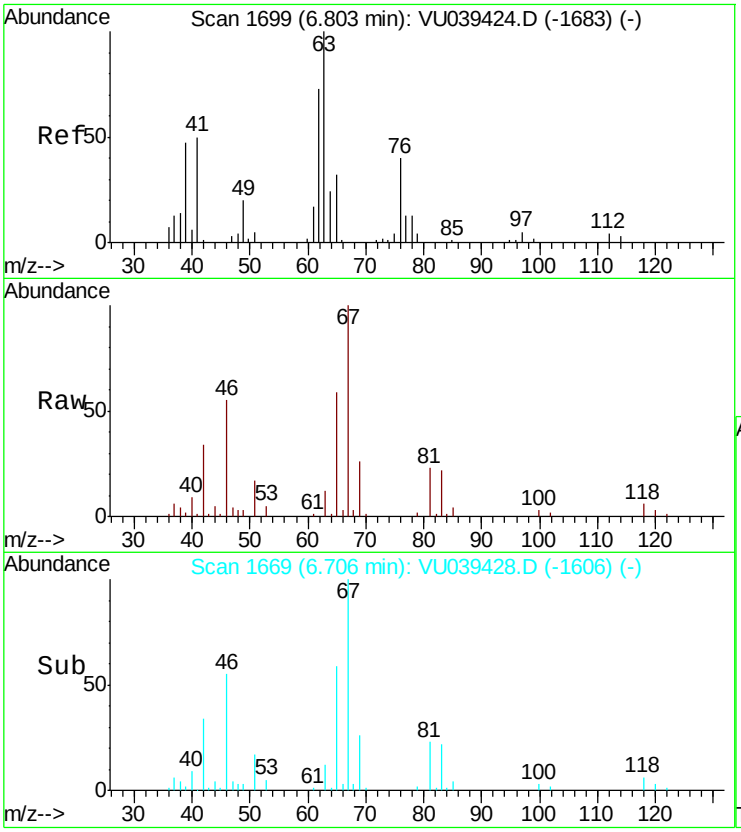


#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion: 83 Resp: 8351

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.1	93.1#
98	0.0	35.9	53.9#



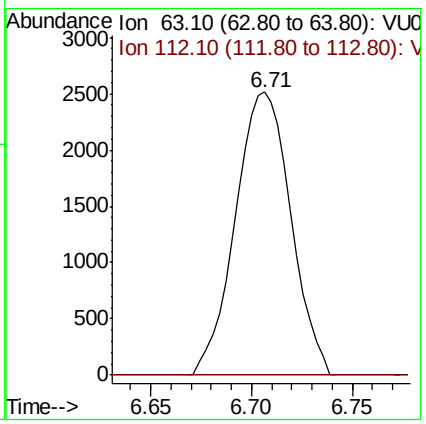


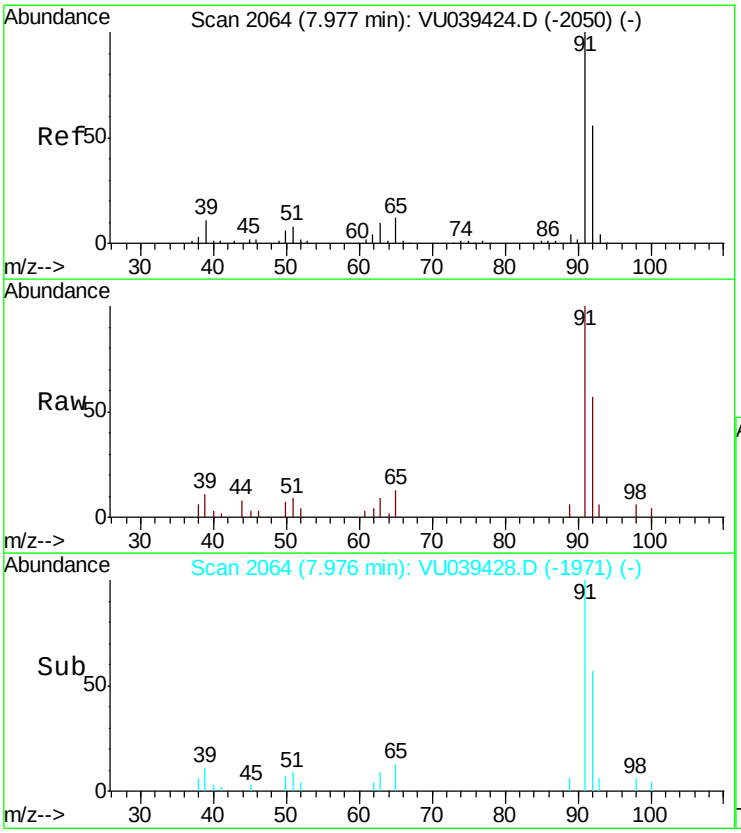
#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4831

Ion	Ratio	Lower	Upper
63	100		
112	2.6	2.5	3.7

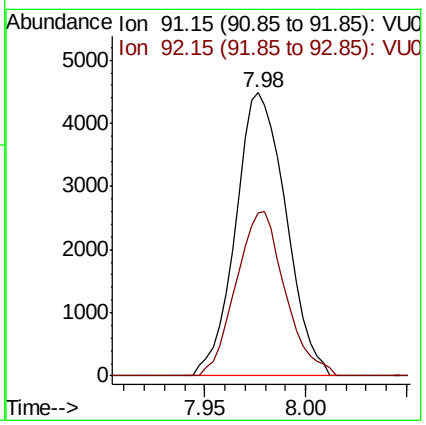


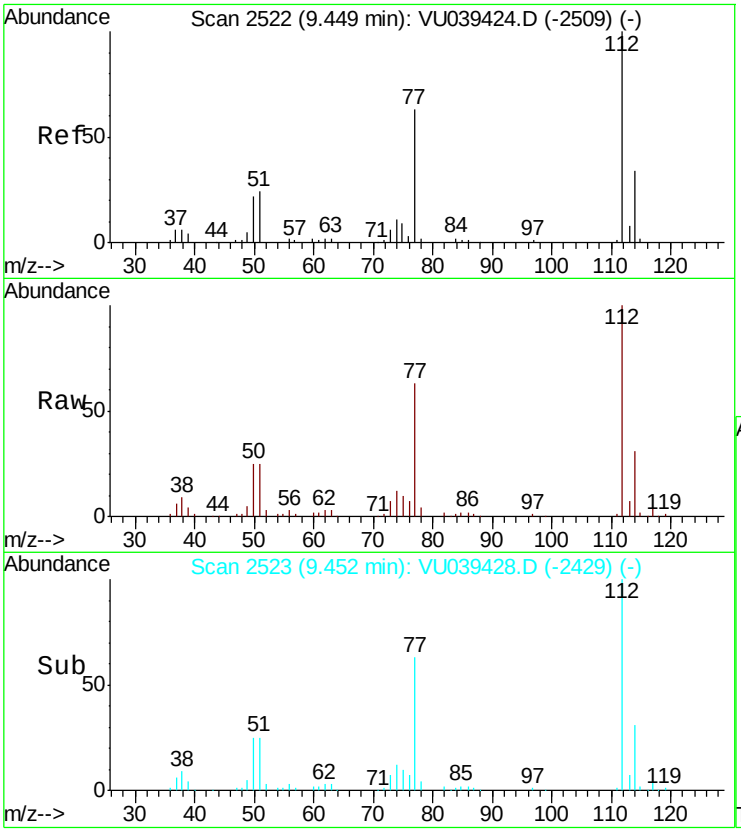


#42
Toluene
Concen: 0.272 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion: 91 Resp: 7830

Ion	Ratio	Lower	Upper
91	100		
92	57.5	39.3	73.1



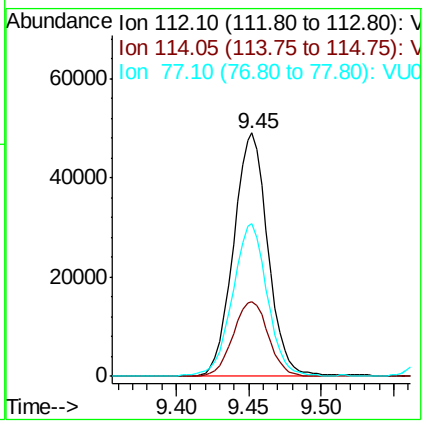


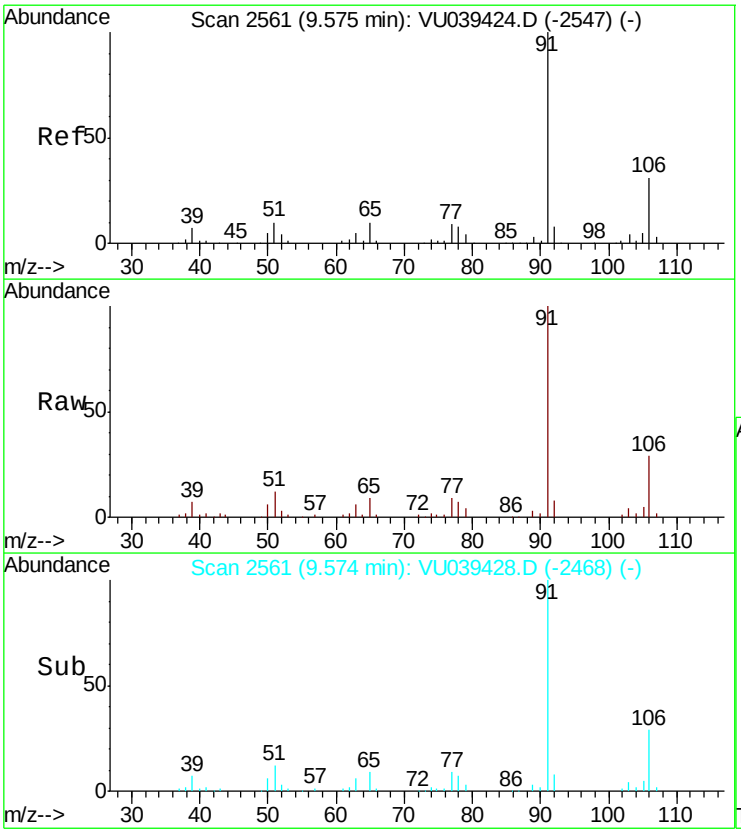
#51
Chlorobenzene
Concen: 4.564 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 80347

Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.1	41.1
77	62.6	49.9	74.9

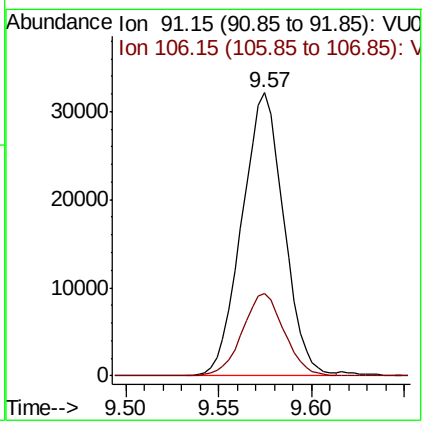


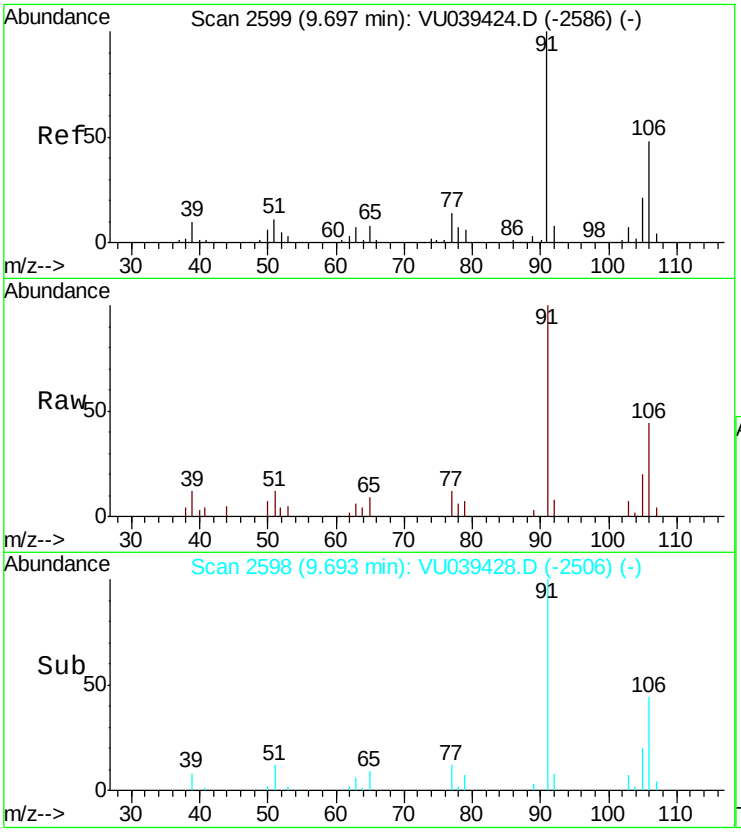


#52
Ethylbenzene
Concen: 1.584 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. -0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion: 91 Resp: 50420

Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.3	39.6



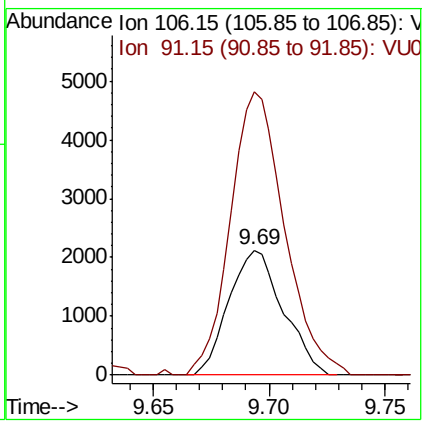


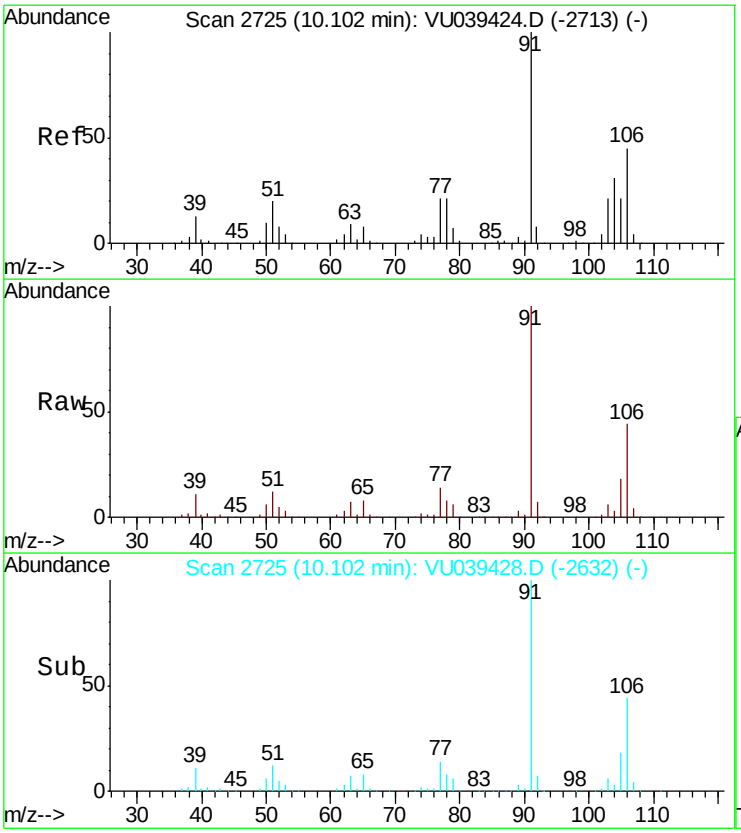
#53
m,p-Xylene
Concen: 0.288 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 3455

Ion	Ratio	Lower	Upper
106	100		
91	226.4	144.0	267.4

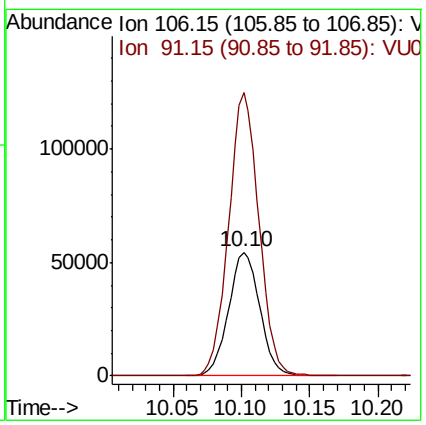


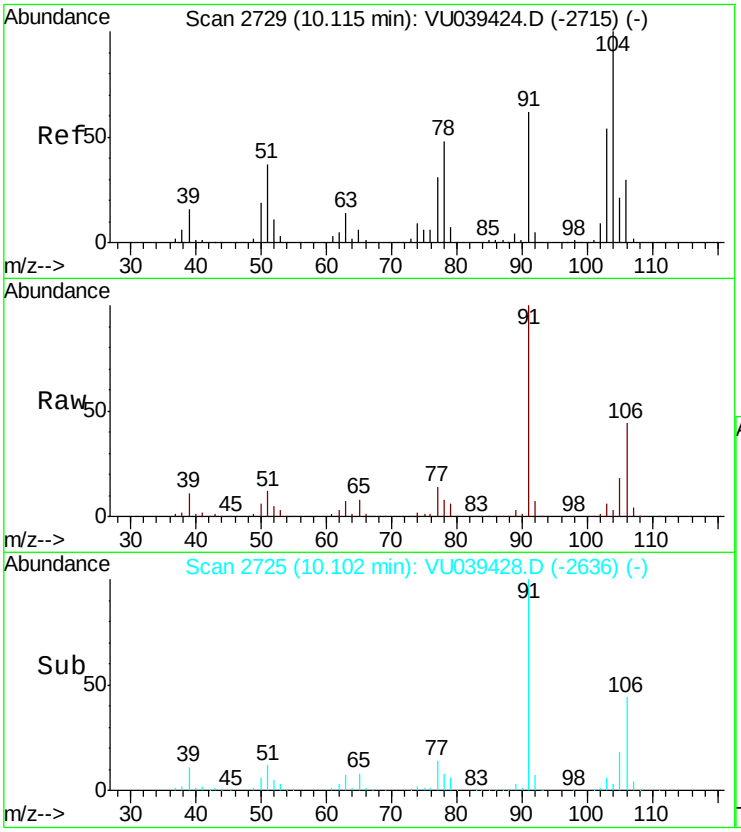


#54
o-Xylene
Concen: 7.425 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion:106 Resp: 86708

Ion	Ratio	Lower	Upper
106	100		
91	229.5	154.6	287.2



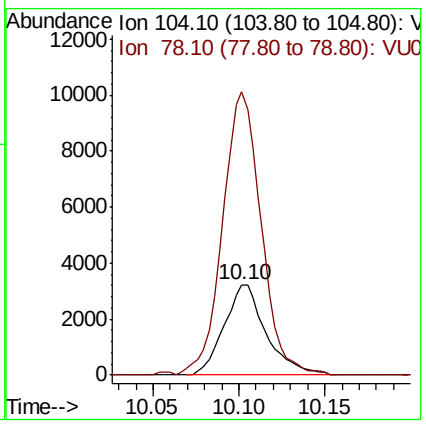


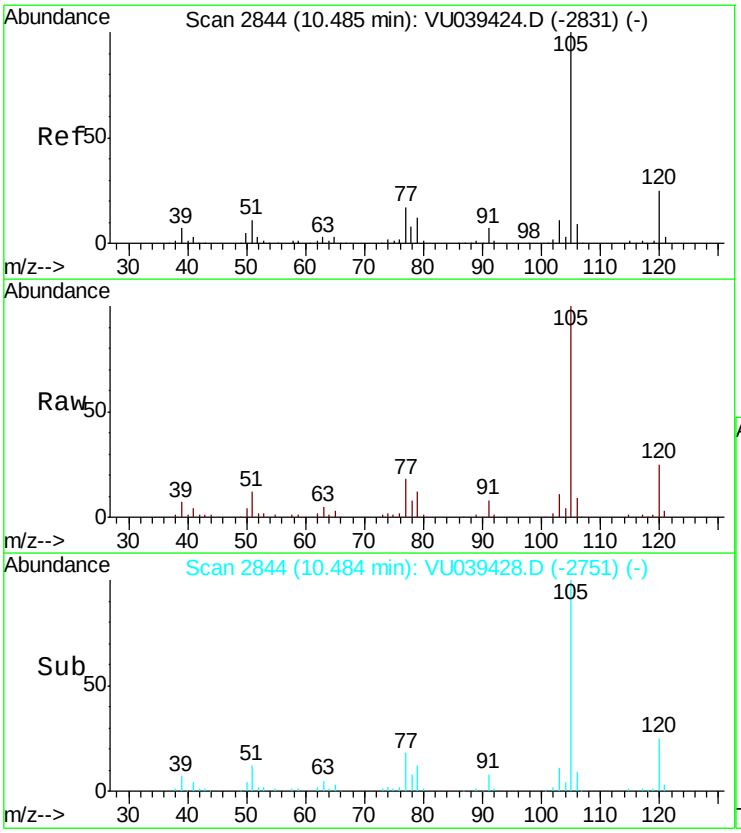
#55
Stvrene
Concen: 0.271 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.01 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 5512

Ion	Ratio	Lower	Upper
104	100		
78	312.5	33.1	61.5#

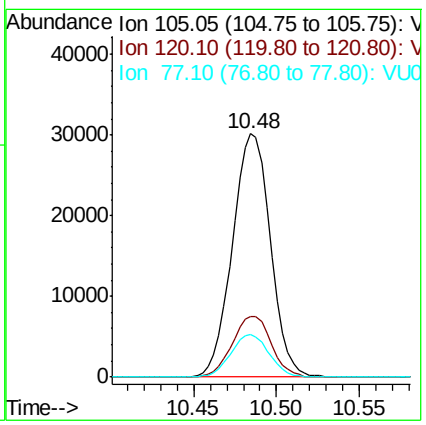


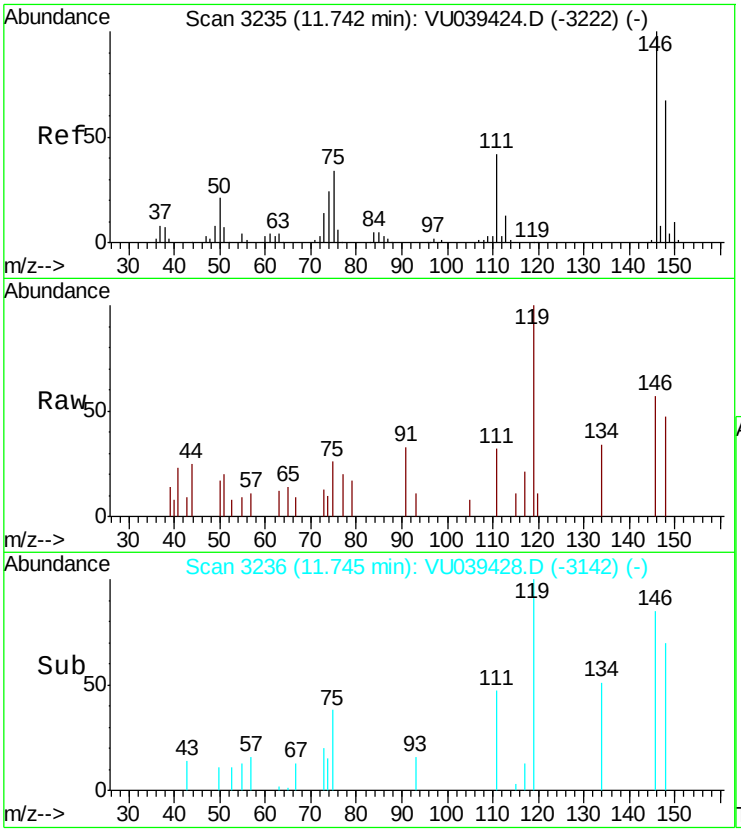


#56
Isopropylbenzene
Concen: 1.518 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. -0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion:105 Resp: 47958

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.7	31.1
77	17.7	13.9	20.9



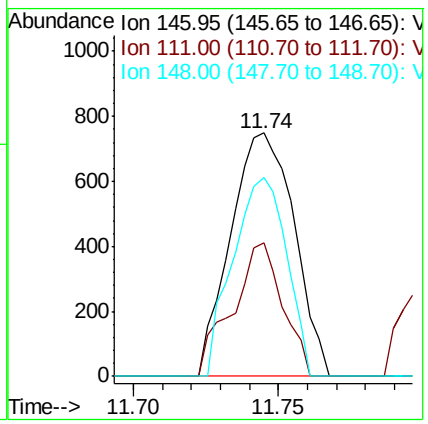


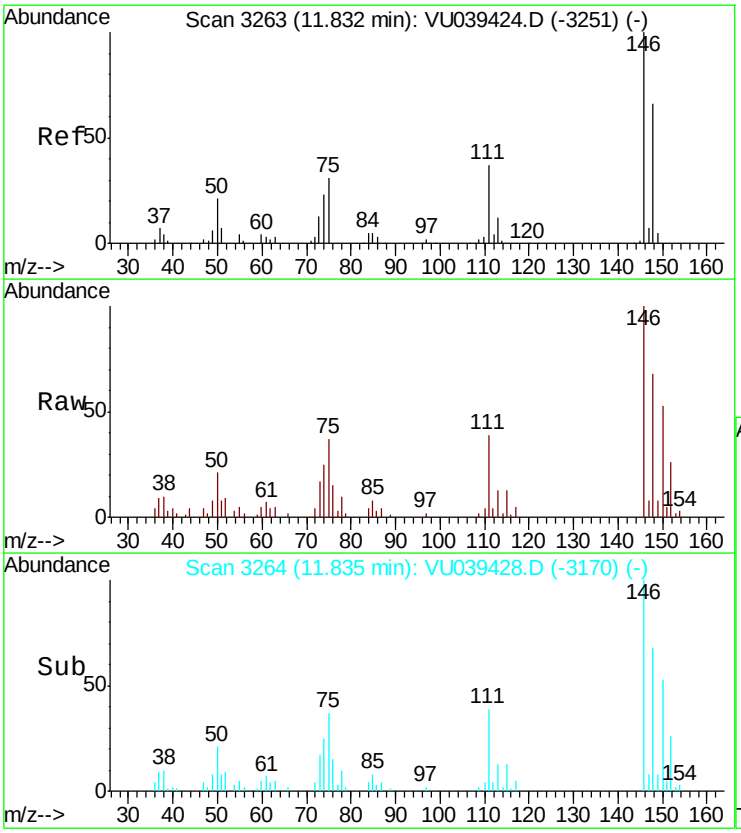
#62
1,3-Dichlorobenzene
Concen: 0.082 ug/L
RT: 11.74 min Scan# 3236
Delta R.T. 0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 1142

Ion	Ratio	Lower	Upper
146	100		
111	55.1	29.0	53.8#
148	81.8	43.5	80.9#

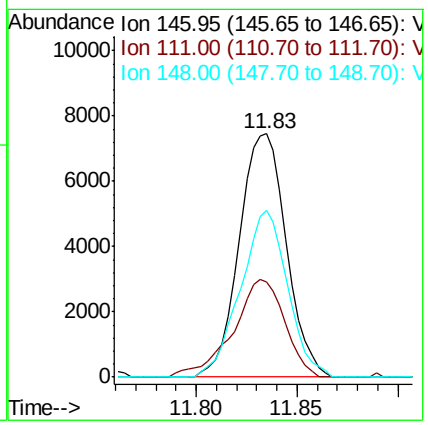


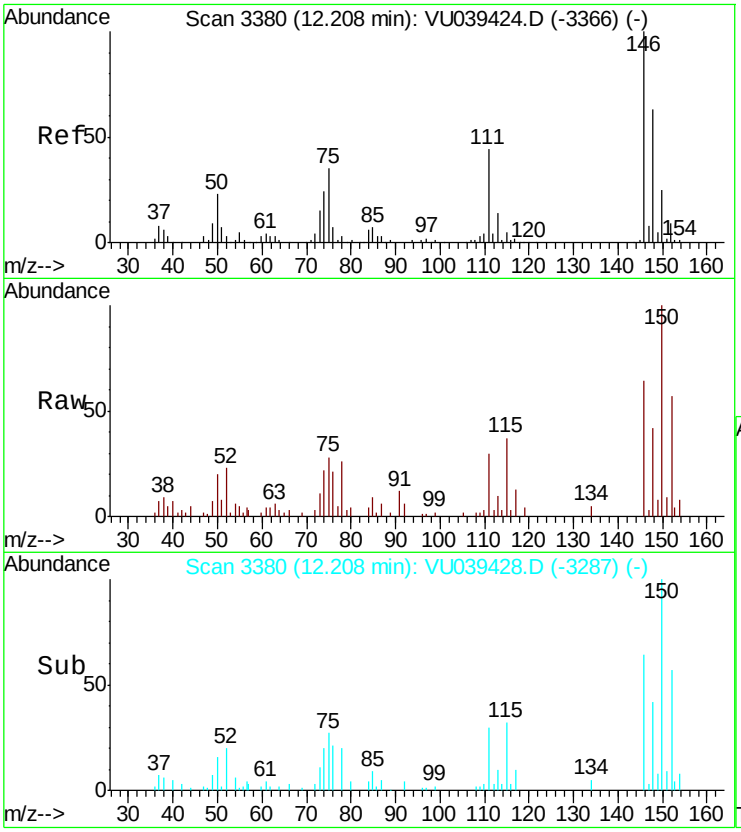


#63
1,4-Dichlorobenzene
Concen: 0.873 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion:146 Resp: 12190

Ion	Ratio	Lower	Upper
146	100		
111	39.0	28.6	53.0
148	68.5	45.0	83.6



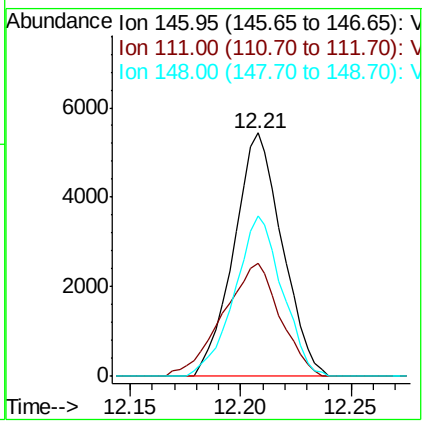


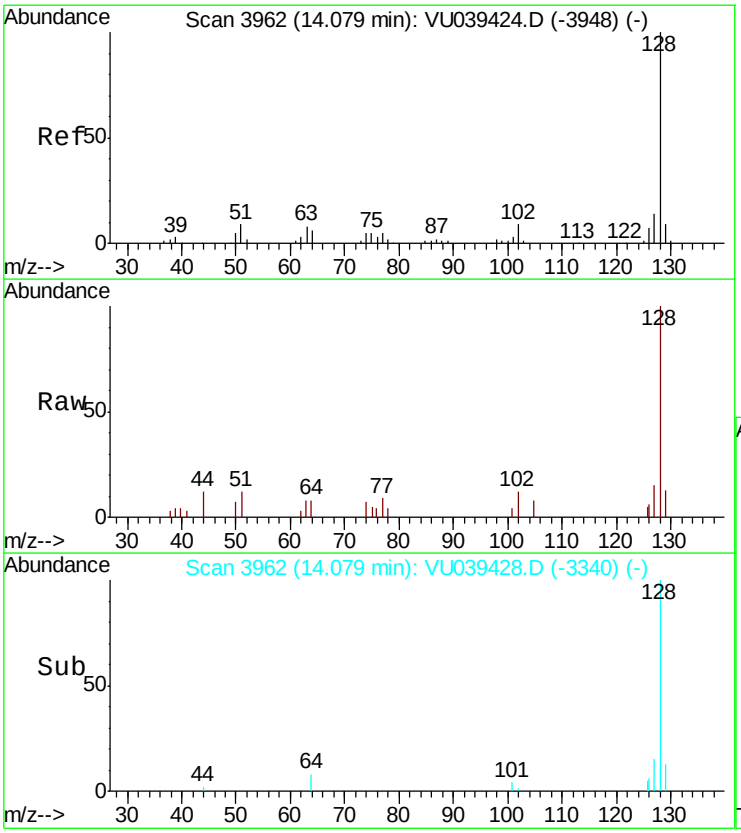
#65
1,2-Dichlorobenzene
Concen: 0.594 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. -0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 8296

Ion	Ratio	Lower	Upper
146	100		
111	46.5	35.0	52.4
148	66.1	50.6	75.8





#69
Naphthalene
Concen: 0.328 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039428.D
Acq: 10 Jul 2020 14:34

Tgt Ion:128 Resp: 5891

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.6	13.0
127	11.8	10.4	15.6