Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092620\
Data File : VU040322.D
Acq On : 26 Sep 2020 00:02
Operator : SY/MD
Sample : L4139-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4A3

Quant Time: Sep 26 06:54:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	155393	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	149462	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	73242	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	35587	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.92	69	34913	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.58	63	60827	2.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.80%#			
20) 2-Butanone-d5	4.66	46	193016	56.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.76%			
24) Chloroform-d	5.08	84	83882	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
26) 1,2-Dichloroethane-d4	5.72	65	52253	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
32) Benzene-d6	5.74	84	158718	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.70	67	54246	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.91	98	131644	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%			
43) trans-1,3-Dichloropropene-	8.19	79	20020	3.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.80%			
46) 2-Hexanone-d5	8.64	63	135959	54.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.64%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48677	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55030	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	709	0.048	ug/L	95
8) Chloroethane	1.71	64	84040	9.342	ug/L #	50
14) Carbon disulfide	2.81	76	2519	0.065	ug/L	99
17) Methyl tert-butyl Ether	3.39	73	23456	0.647	ug/L #	90
25) Chloroform	5.11	83	3784	0.139	ug/L	91
27) 1,2-Dichloroethane	5.79	62	10419	0.522	ug/L #	78
30) Cyclohexane	5.41	56	2770	0.122	ug/L	92
33) Benzene	5.79	78	1042496	19.497	ug/L	100
35) Methylcyclohexane	6.77	83	2253	0.103	ug/L #	93
37) 1,2-Dichloropropane	6.70	63	6653	0.460	ug/L #	89
42) Toluene	7.98	91	22549	0.410	ug/L	100
44) trans-1,3-Dichloropropene	8.19	75	1009	0.051	ug/L	94
51) Chlorobenzene	9.45	112	354395	10.366	ug/L	98
52) Ethylbenzene	9.57	91	101757	1.626	ug/L	98
53) m,p-Xylene	9.69	106	203372	9.130	ug/L	97
54) o-Xylene	10.10	106	108826	5.127	ug/L	96
55) Styrene	10.10	104	6213	0.168	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092620\
Data File : VU040322.D
Acq On : 26 Sep 2020 00:02
Operator : SY/MD
Sample : L4139-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4A3

Quant Time: Sep 26 06:54:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) Isopropylbenzene	10.48	105	52704	0.910	ug/L		98
59) 1,2,3-Trichloropropane	10.10	75	3127	0.292	ug/L	#	1
62) 1,3-Dichlorobenzene	11.74	146	2044	0.076	ug/L	#	82
63) 1,4-Dichlorobenzene	11.83	146	11260	0.416	ug/L		97
65) 1,2-Dichlorobenzene	12.21	146	6750	0.261	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.81	75	203	0.073	ug/L	#	8
69) Naphthalene	14.08	128	13489	0.399	ug/L		98

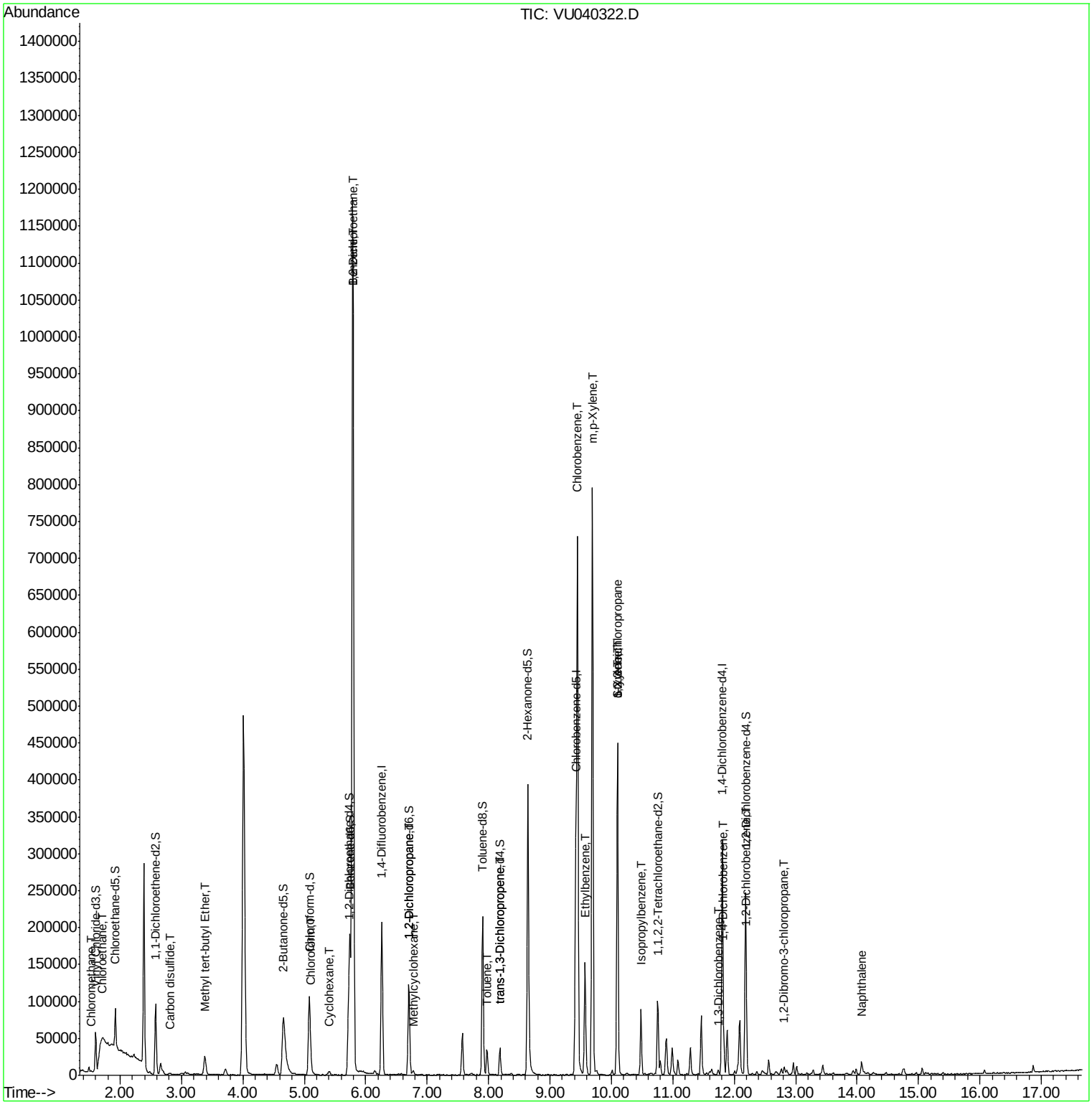
(#) = qualifier out of range (m) = manual integration (+) = signals summed

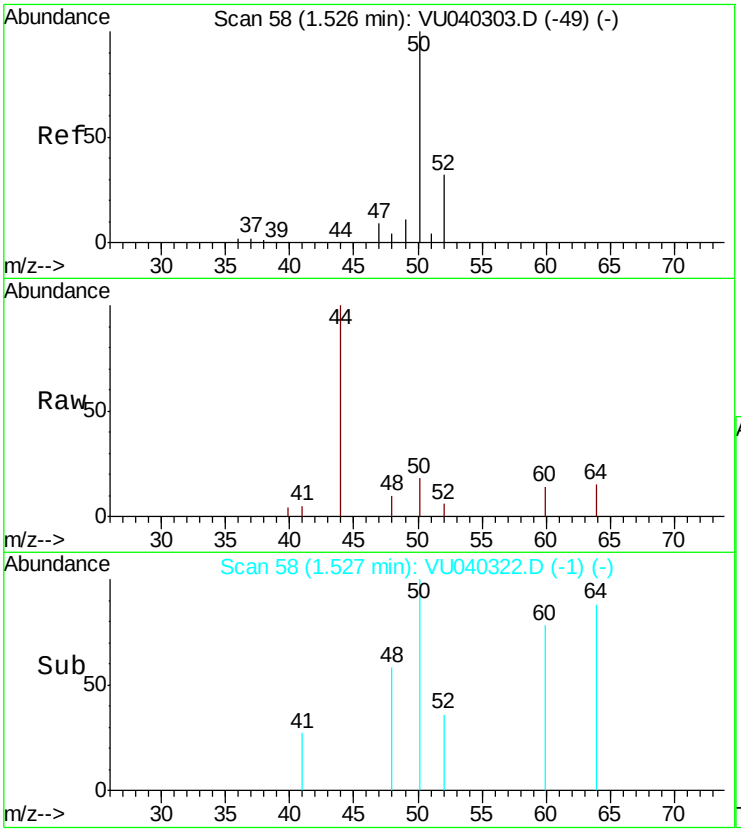
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092620\
Data File : VU040322.D
Acq On : 26 Sep 2020 00:02
Operator : SY/MD
Sample : L4139-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG4A3

Quant Time: Sep 26 06:54:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration



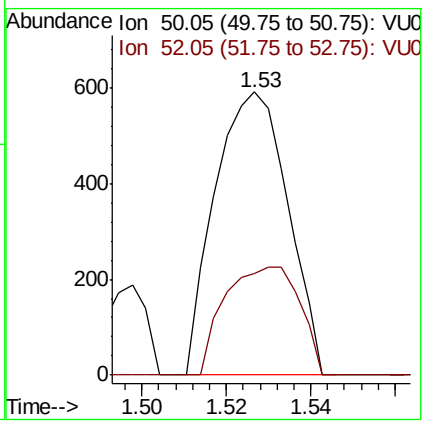


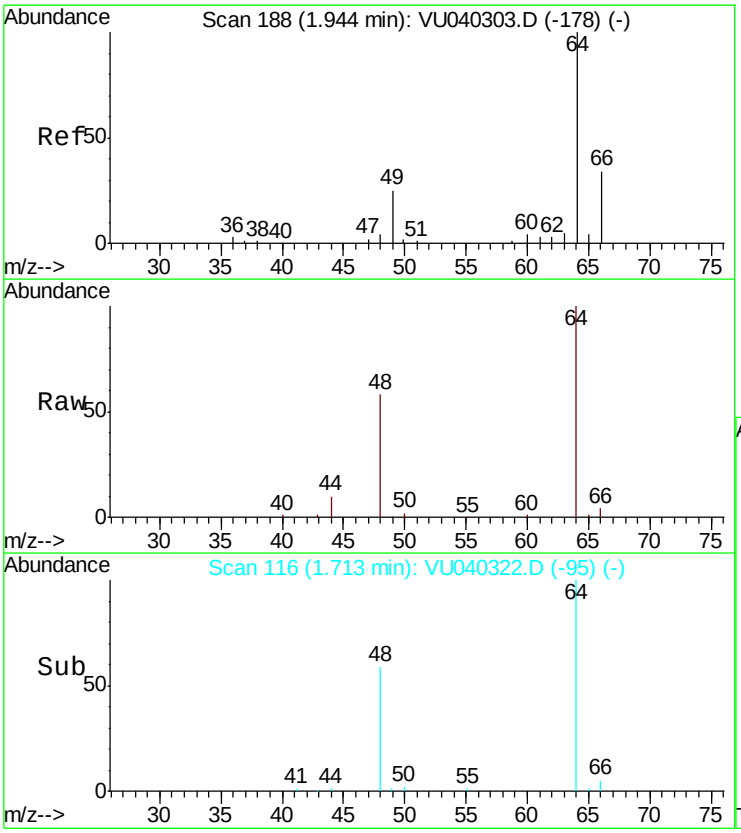
#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument :
MSVOA_U
ClientSampleId :
BG4A3

Tgt Ion: 50 Resp: 709

Ion	Ratio	Lower	Upper
50	100		
52	35.6	22.8	42.4

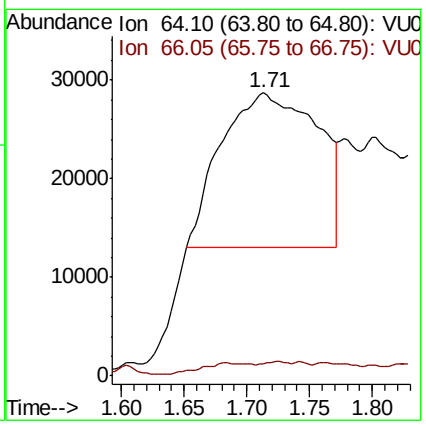


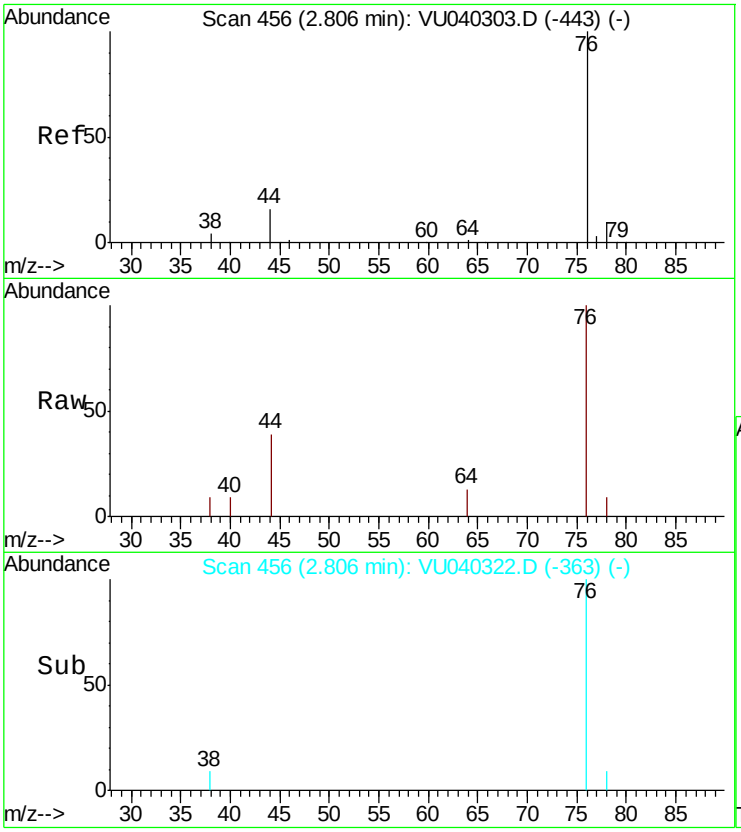


#8
Chloroethane
Concen: 9.342 ug/L
RT: 1.71 min Scan# 116
Delta R.T. -0.23 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion: 64 Resp: 84040

Ion	Ratio	Lower	Upper
64	100		
66	4.4	22.7	42.1#



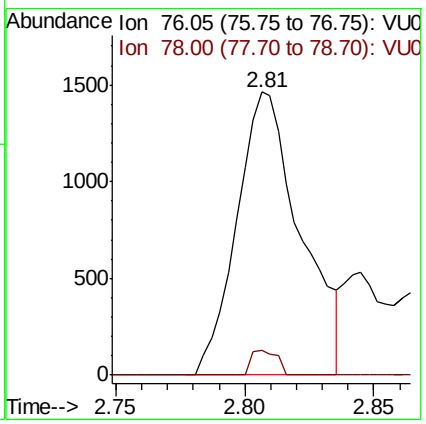


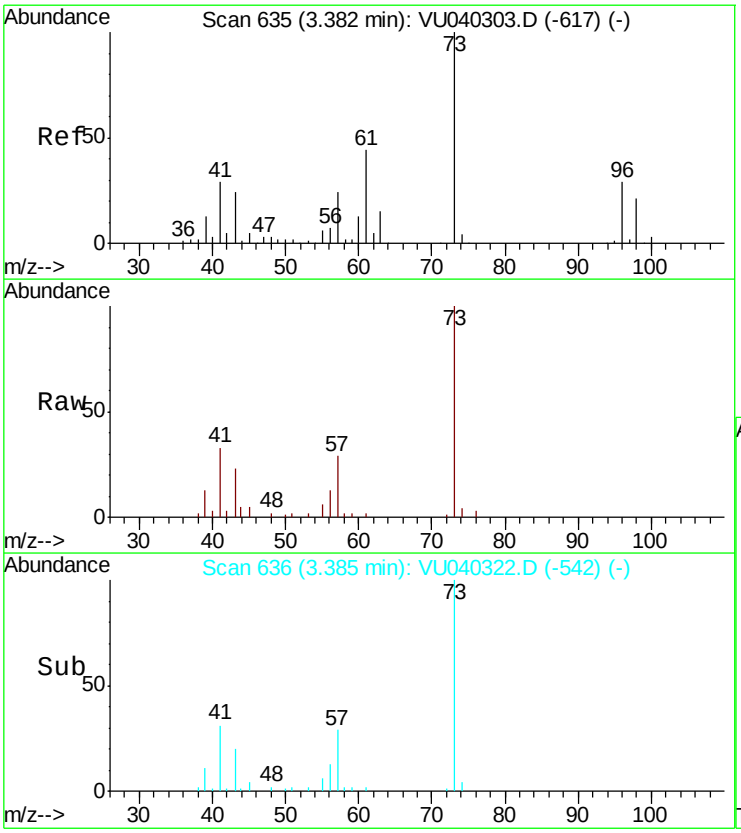
#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument :
MSVOA_U
ClientSampleId :
BG4A3

Tgt Ion: 76 Resp: 2519

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.2	10.8

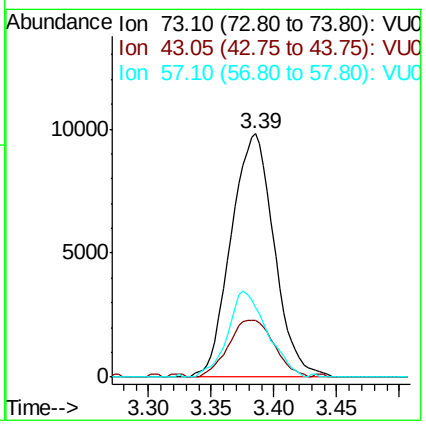


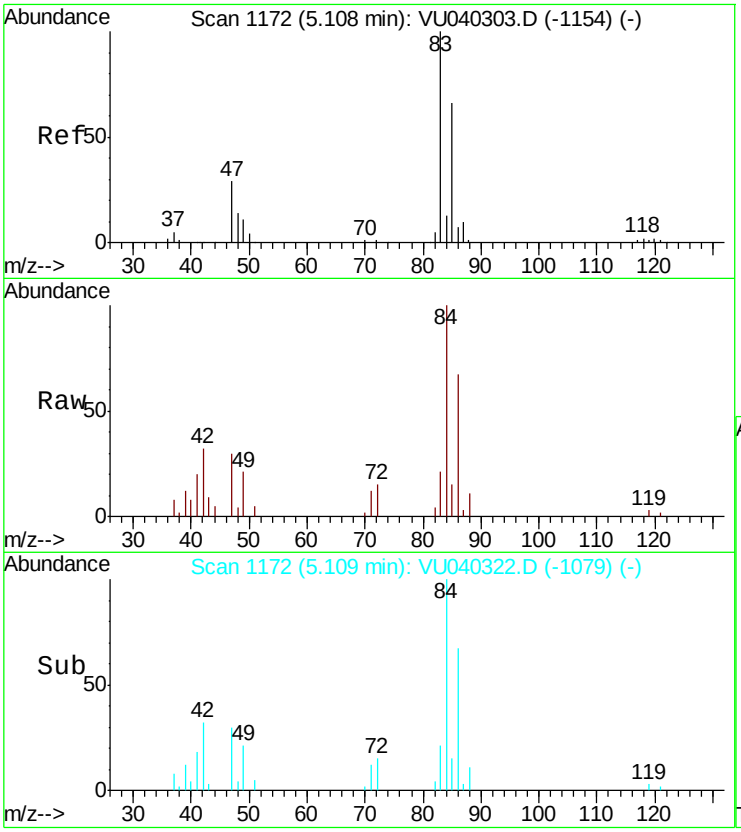


#17
Methyl tert-butyl Ether
Concen: 0.647 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion: 73 Resp: 23456

Ion	Ratio	Lower	Upper
73	100		
43	24.7	19.1	28.7
57	32.2	18.3	27.5#



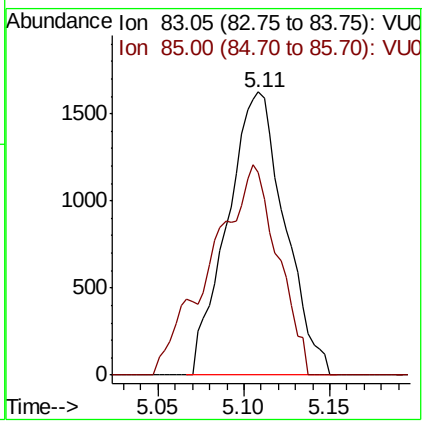


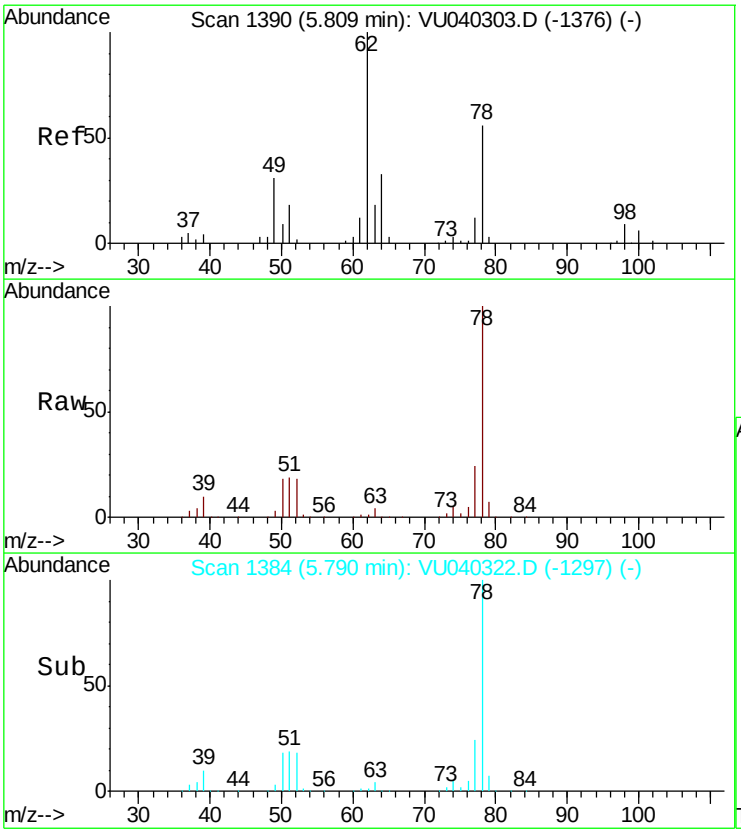
#25
Chloroform
Concen: 0.139 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument :
MSVOA_U
ClientSampleId :
BG4A3

Tgt Ion: 83 Resp: 3784

Ion	Ratio	Lower	Upper
83	100		
85	71.7	45.3	84.1

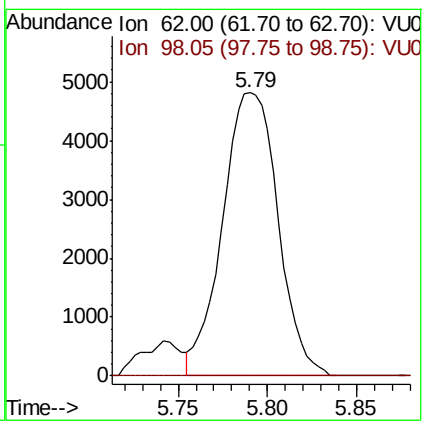


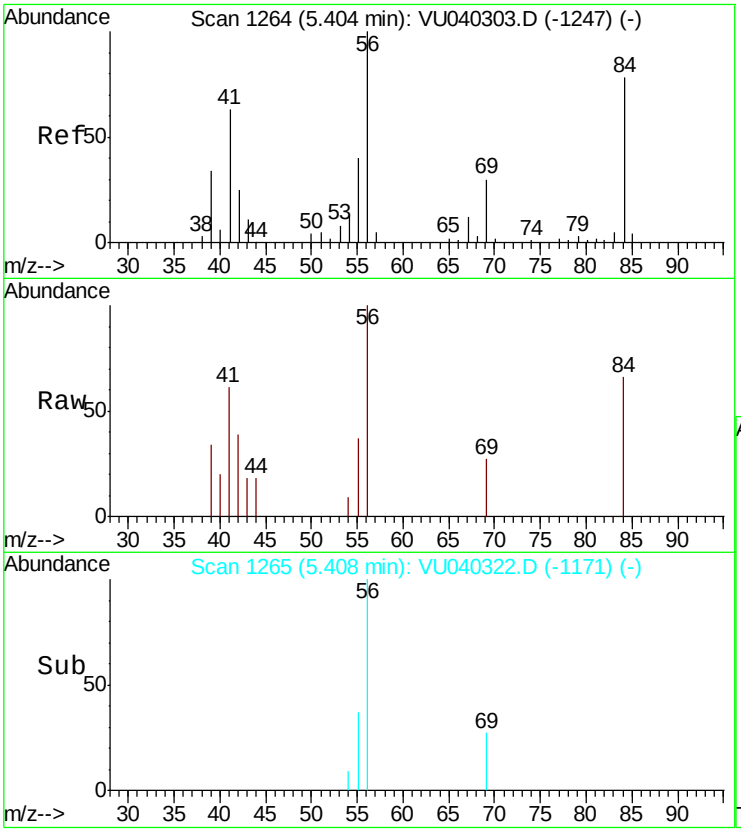


#27
1,2-Dichloroethane
Concen: 0.522 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.02 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion: 62 Resp: 10419

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.1	9.1#



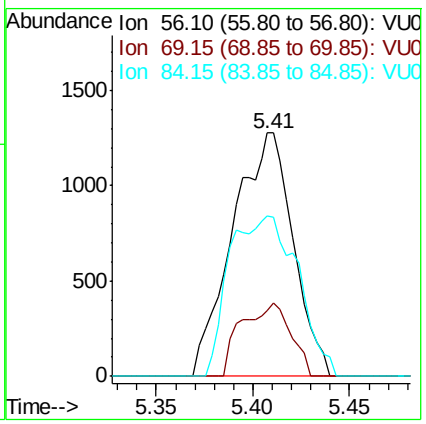


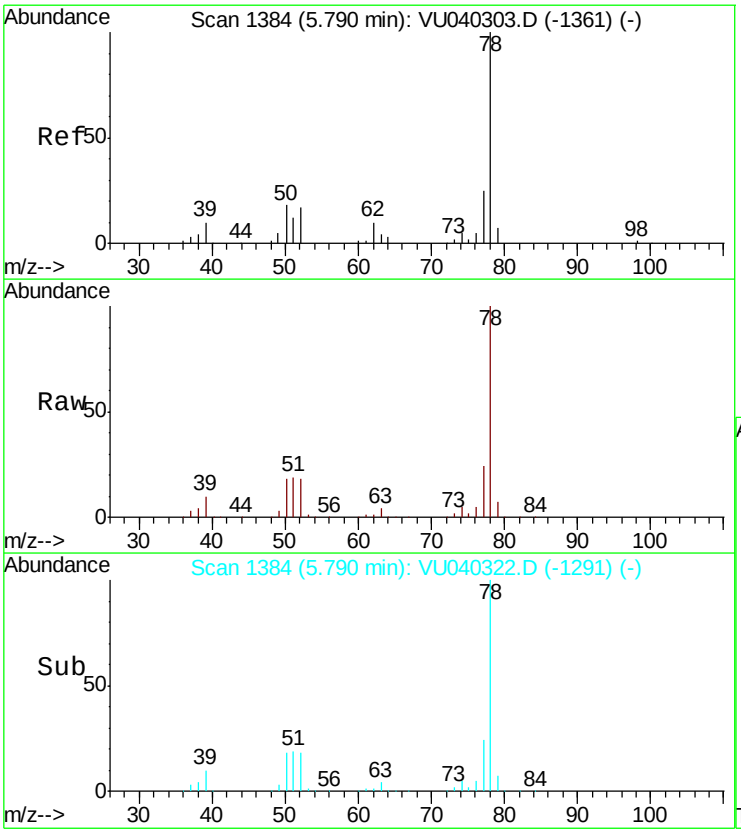
#30
Cyclohexane
Concen: 0.122 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument : MSVOA_U
ClientSampleId : BG4A3

Tgt Ion: 56 Resp: 2770

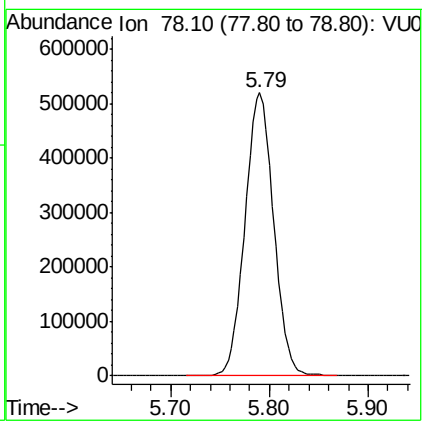
Ion	Ratio	Lower	Upper
56	100		
69	24.5	24.1	36.1
84	75.0	65.0	97.4

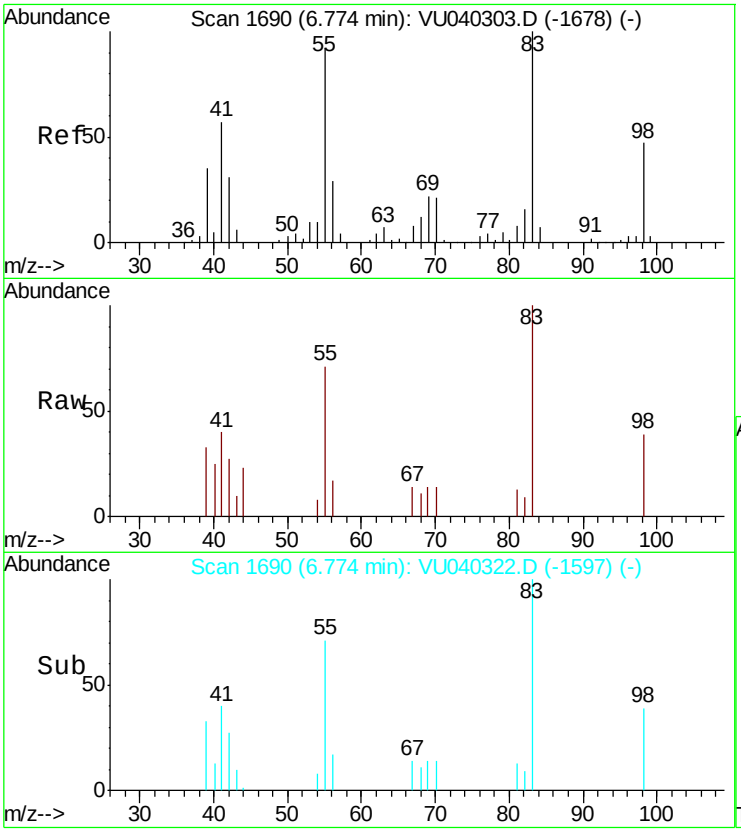




#33
Benzene
Concen: 19.497 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion: 78 Resp: 1042496



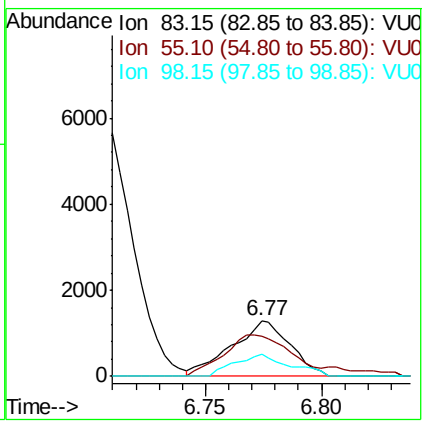


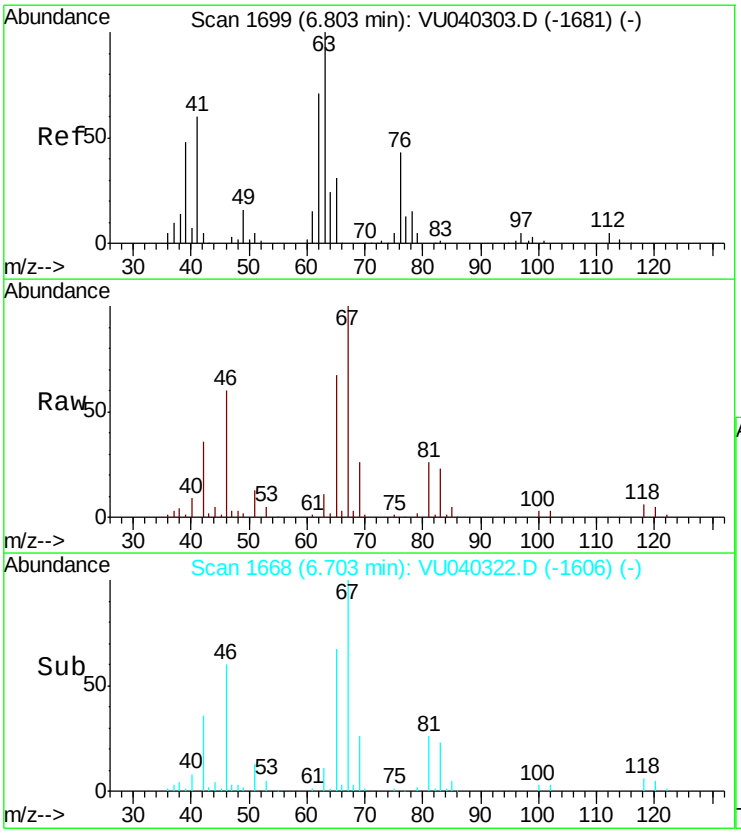
#35
Methylcyclohexane
Concen: 0.103 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument : MSVOA_U
ClientSampleId : BG4A3

Tgt Ion: 83 Resp: 2253

Ion	Ratio	Lower	Upper
83	100		
55	84.9	70.5	105.7
98	37.2	37.8	56.6#

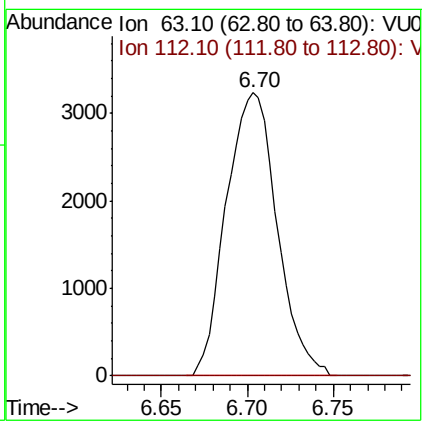


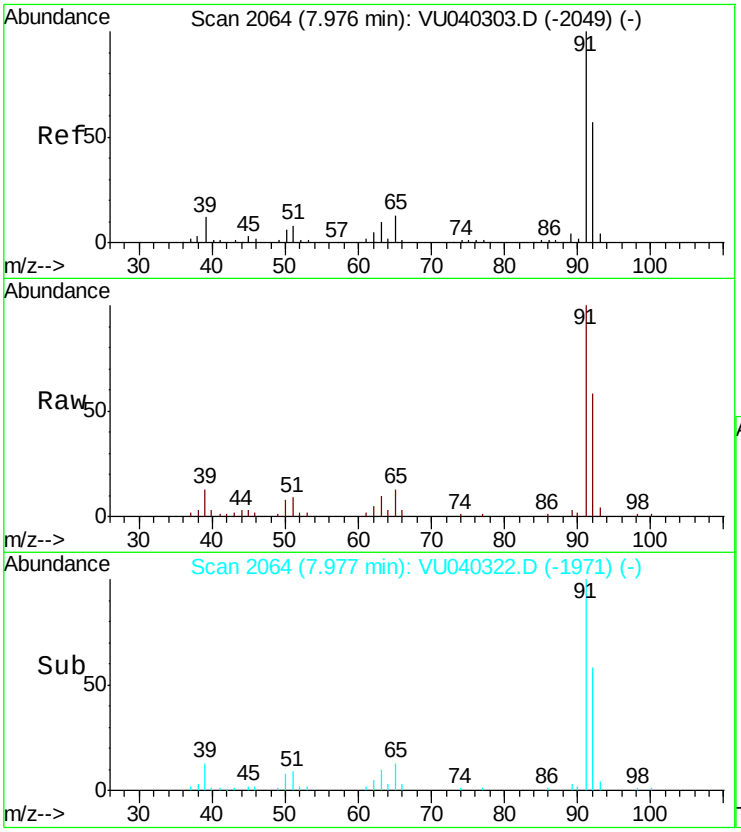


#37
1,2-Dichloropropane
Concen: 0.460 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion: 63 Resp: 6653

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.2	4.8#



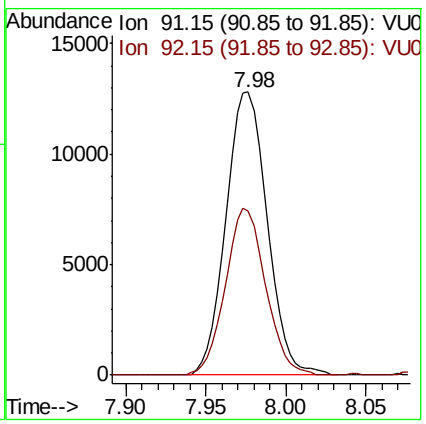


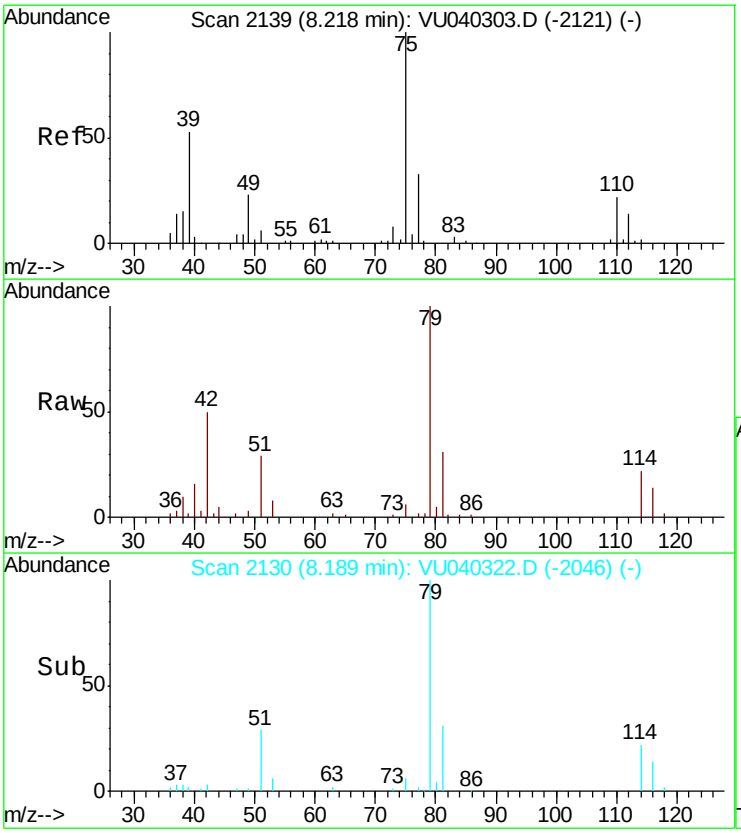
#42
Toluene
Concen: 0.410 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument : MSVOA_U
ClientSampleId : BG4A3

Tgt Ion: 91 Resp: 22549

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.7	75.5

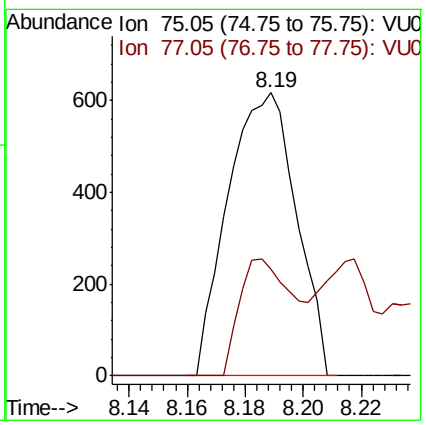


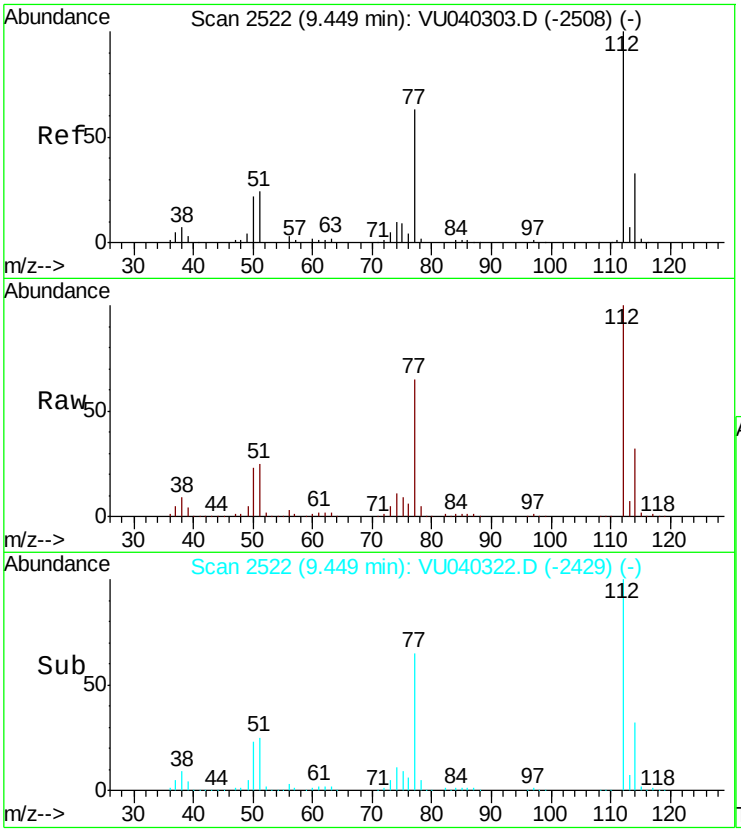


#44
trans-1,3-Dichloropropene
Concen: 0.051 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion: 75 Resp: 1009

Ion	Ratio	Lower	Upper
75	100		
77	37.4	23.9	44.3



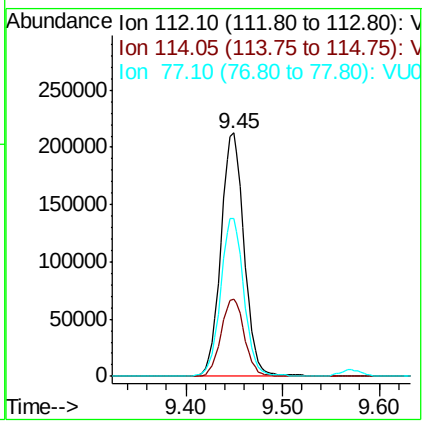


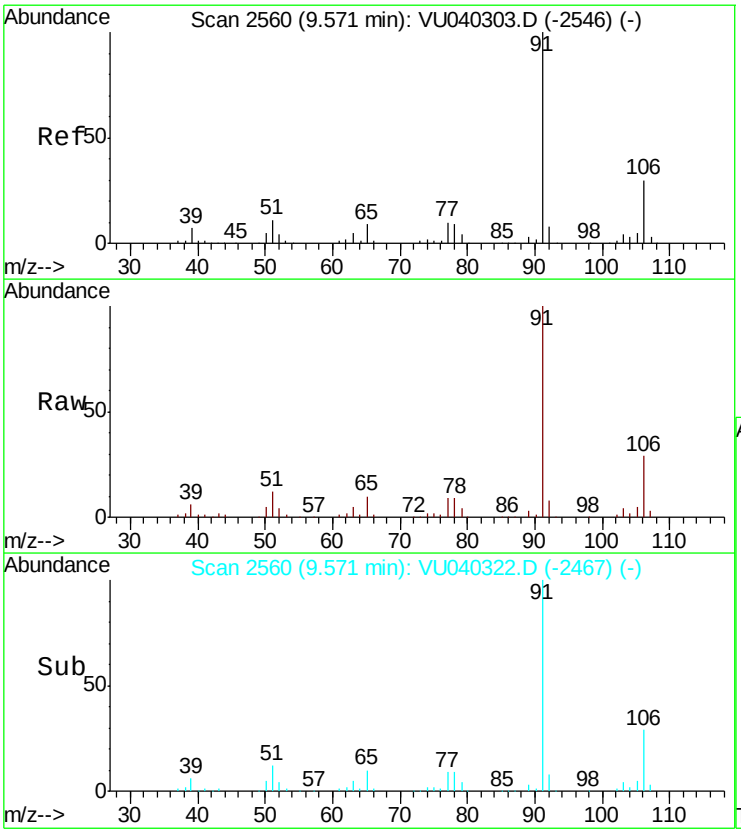
#51
Chlorobenzene
Concen: 10.366 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument :
MSVOA_U
ClientSampleId :
BG4A3

Tgt Ion:112 Resp: 354395

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.3
77	64.6	53.2	79.8

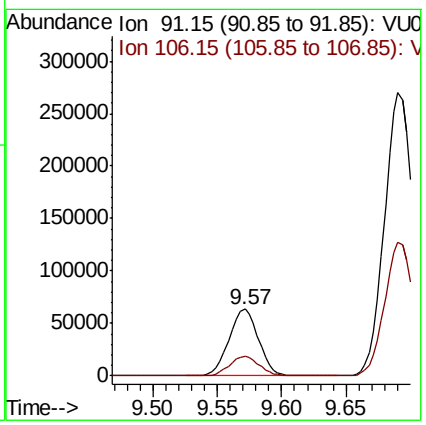


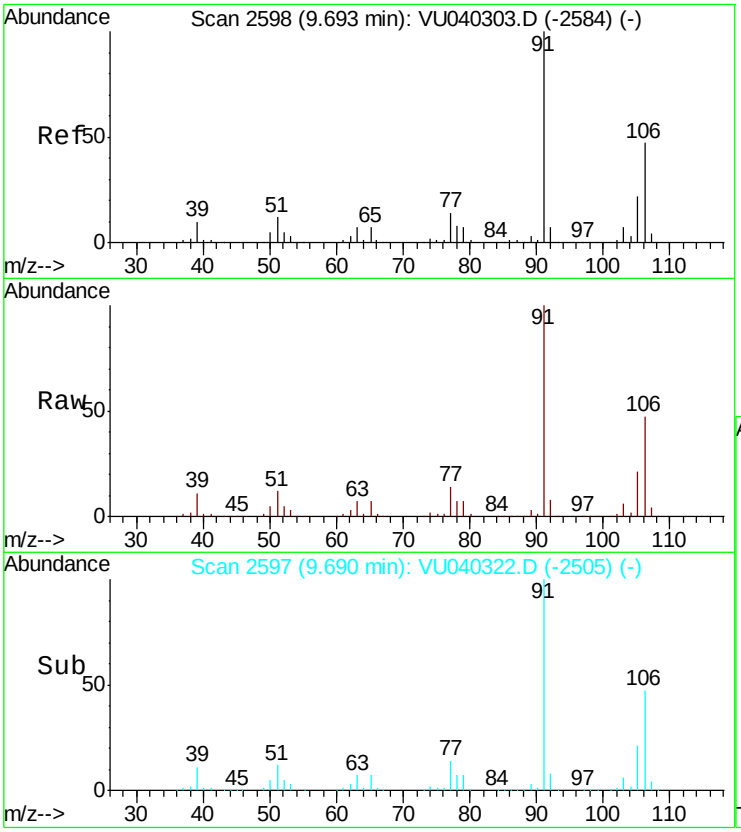


#52
Ethylbenzene
Concen: 1.626 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion: 91 Resp: 101757

Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.0	39.0



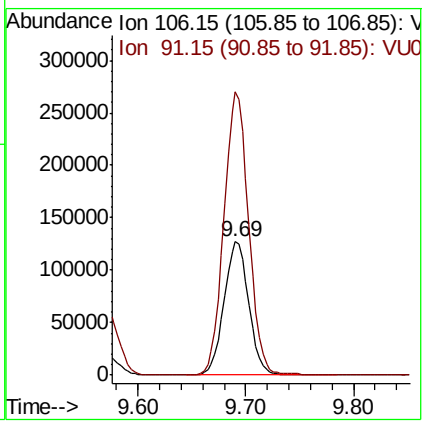


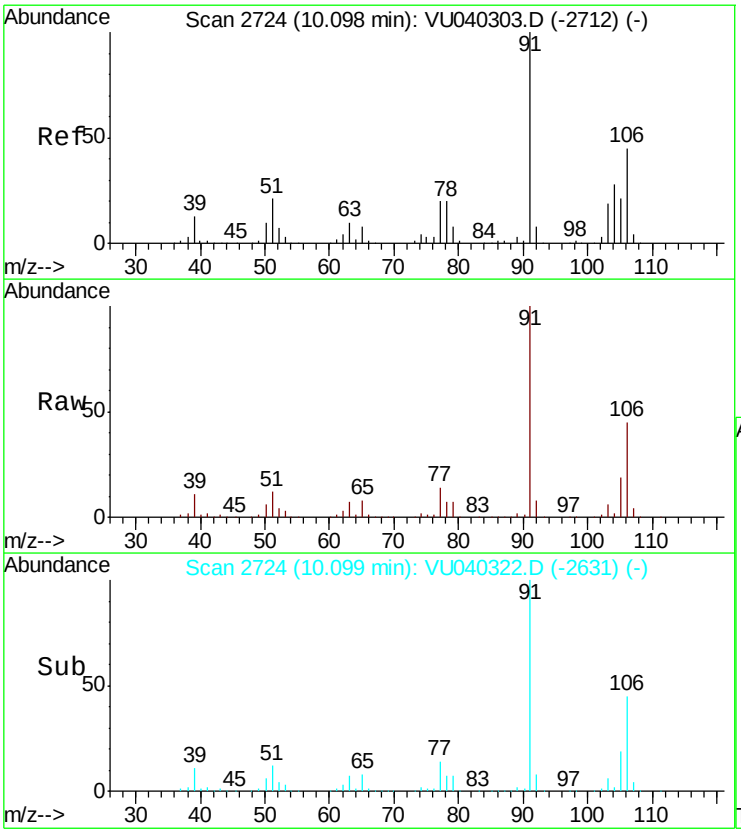
#53
m,p-Xylene
Concen: 9.130 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument : MSVOA_U
ClientSampleId : BG4A3

Tgt Ion:106 Resp: 203372

Ion	Ratio	Lower	Upper
106	100		
91	212.1	151.7	281.7

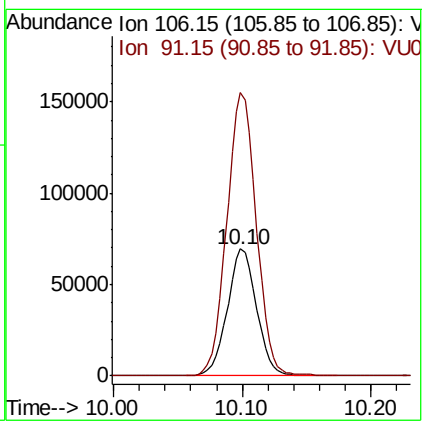


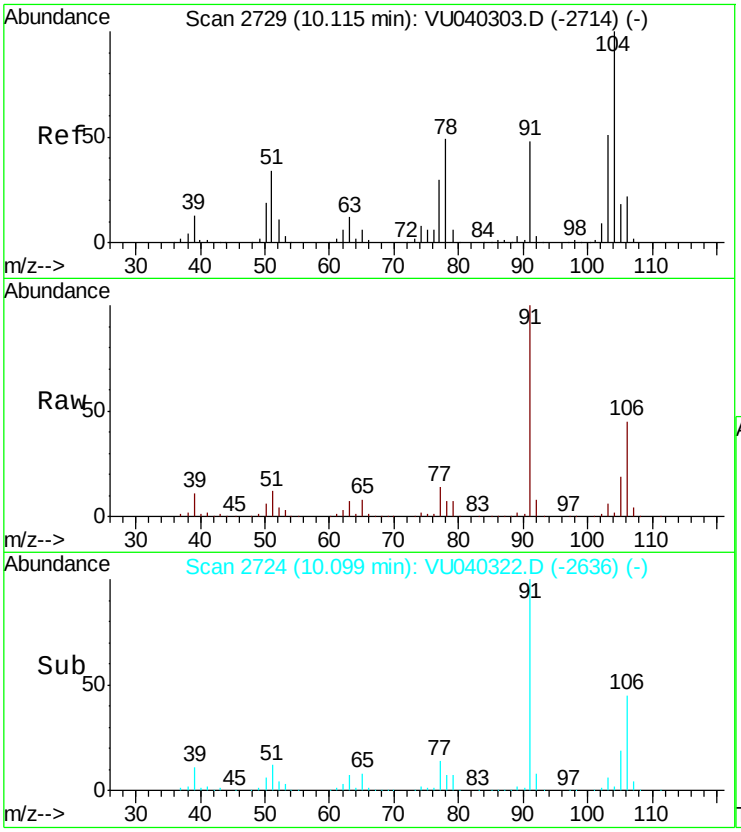


#54
o-Xylene
Concen: 5.127 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion:106 Resp: 108826

Ion	Ratio	Lower	Upper
106	100		
91	223.5	160.8	298.6



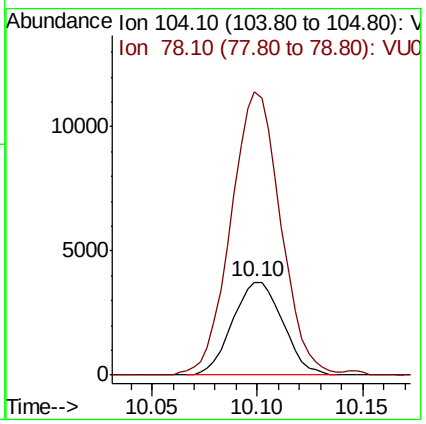


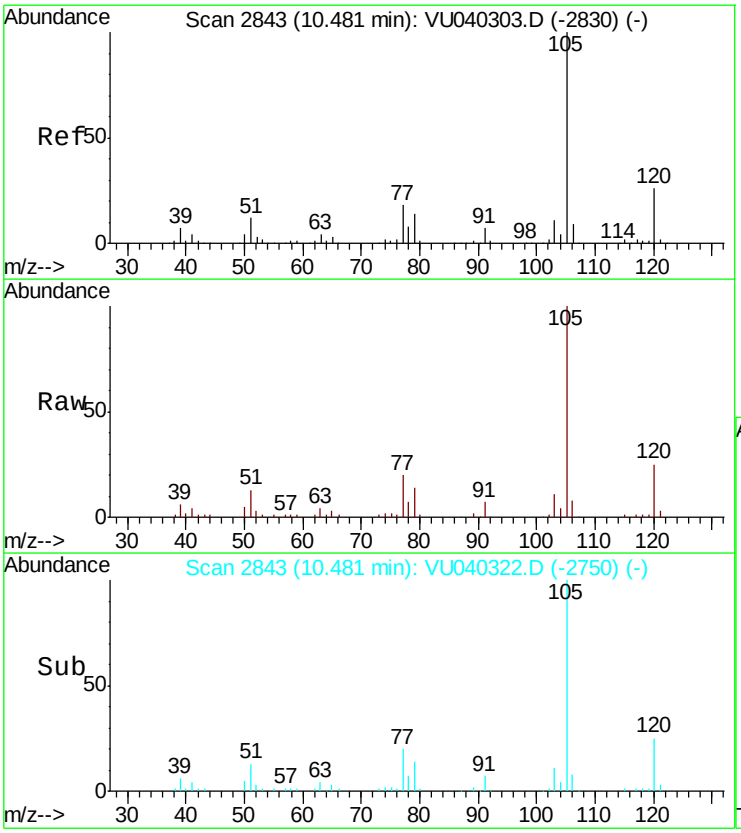
#55
Stvrene
Concen: 0.168 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.02 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument : MSVOA_U
ClientSampleId : BG4A3

Tgt Ion:104 Resp: 6213

Ion	Ratio	Lower	Upper
104	100		
78	304.0	36.8	68.3#

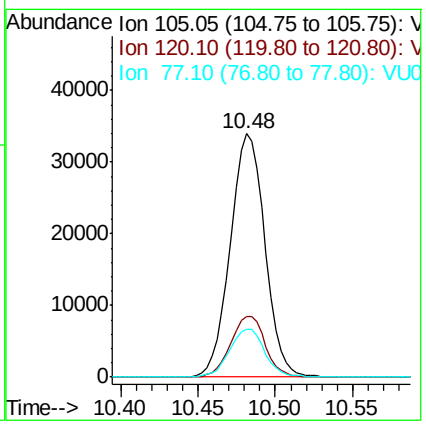


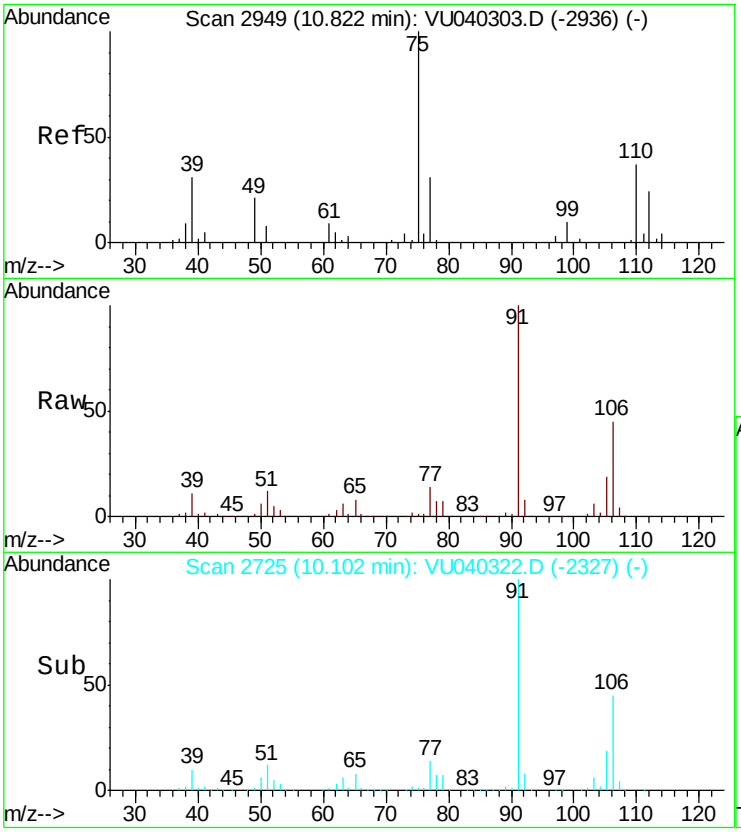


#56
Isopropylbenzene
Concen: 0.910 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion:105 Resp: 52704

Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.1	30.1
77	20.1	14.4	21.6



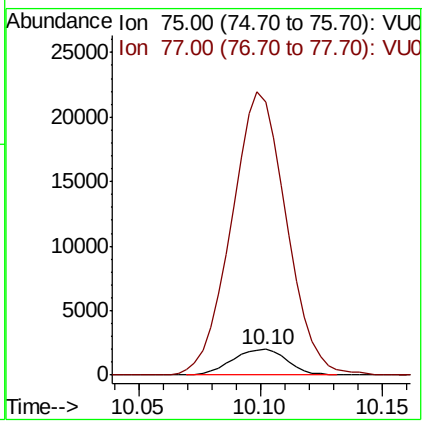


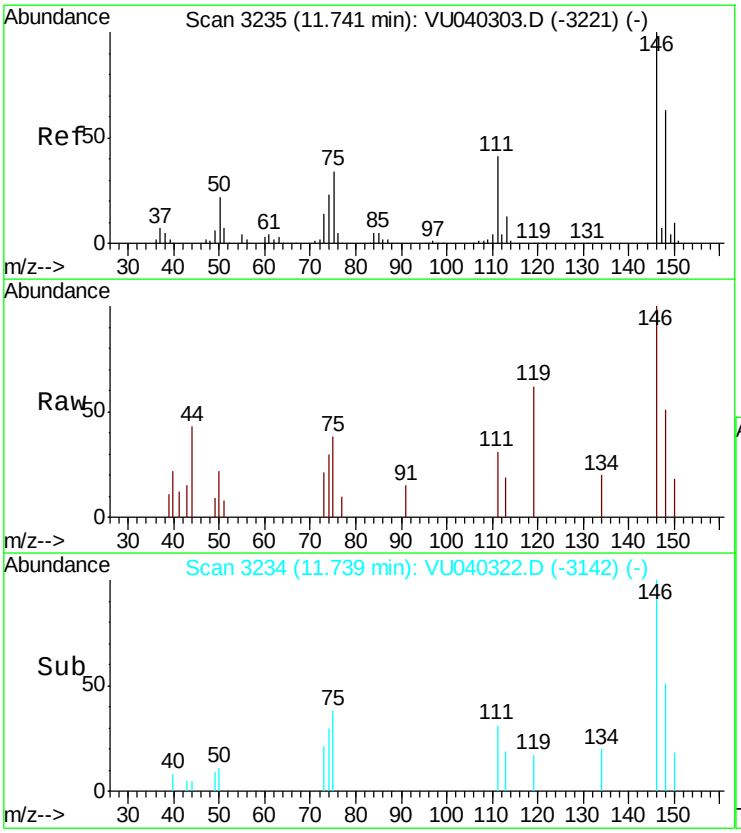
#59
1,2,3-Trichloropropane
Concen: 0.292 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.72 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument :
MSVOA_U
ClientSampleId :
BG4A3

Tgt Ion: 75 Resp: 3127

Ion	Ratio	Lower	Upper
75	100		
77	1099.4	24.9	37.3#

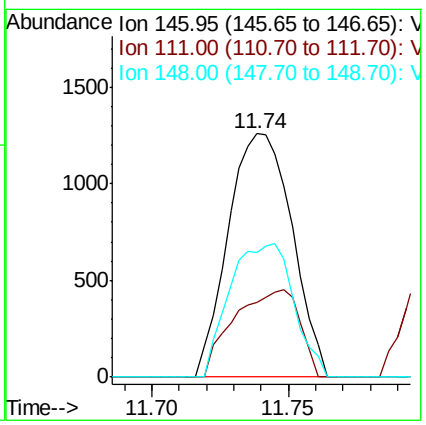


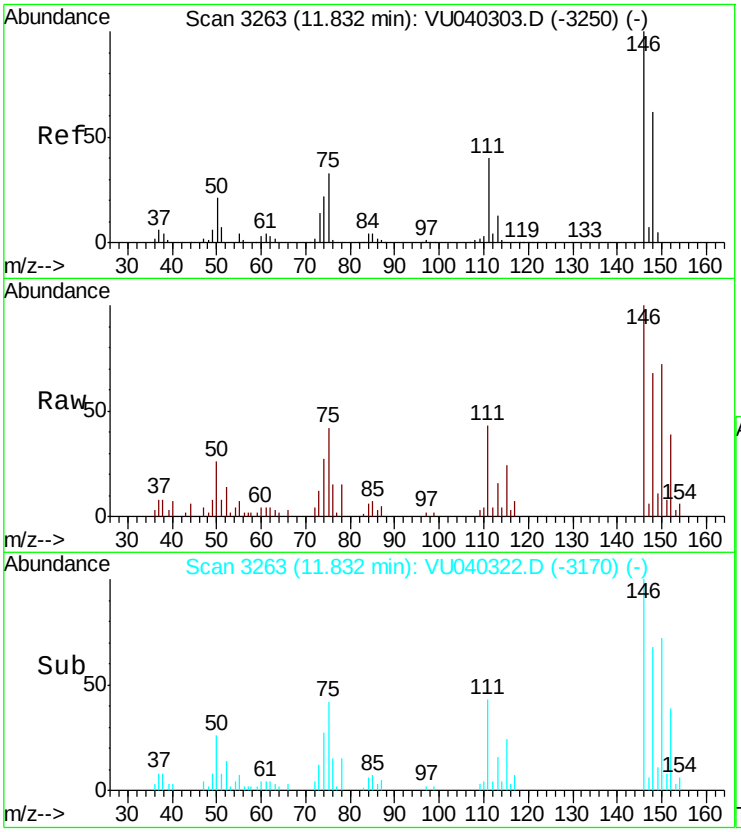


#62
1,3-Dichlorobenzene
Concen: 0.076 ug/L
RT: 11.74 min Scan# 3234
Delta R.T. -0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion:146 Resp: 2044

Ion	Ratio	Lower	Upper
146	100		
111	30.9	31.6	58.8#
148	51.2	44.2	82.0



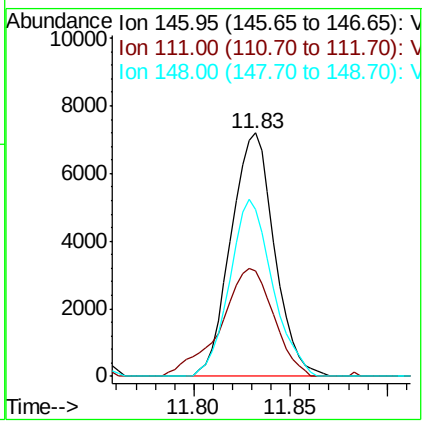


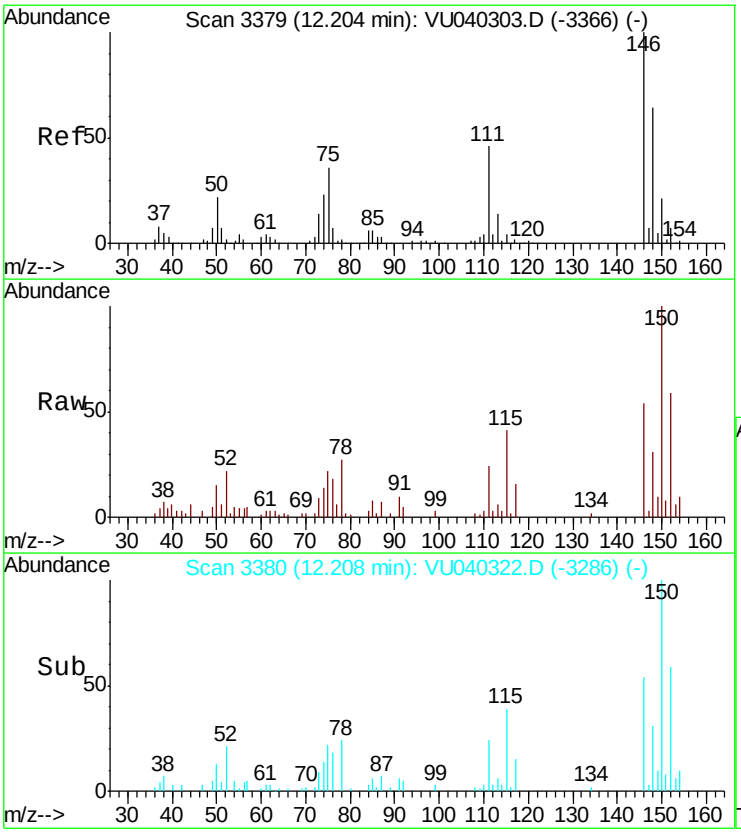
#63
1,4-Dichlorobenzene
Concen: 0.416 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument : MSVOA_U
ClientSampleId : BG4A3

Tgt Ion:146 Resp: 11260

Ion	Ratio	Lower	Upper
146	100		
111	43.3	30.5	56.7
148	68.4	45.4	84.4

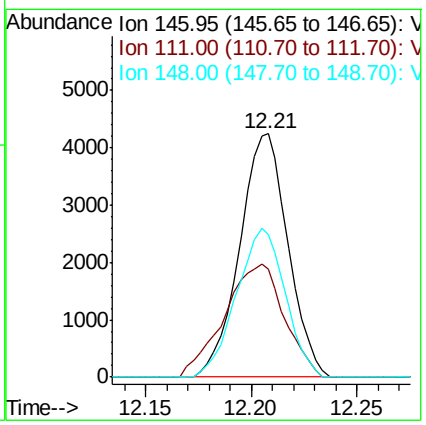


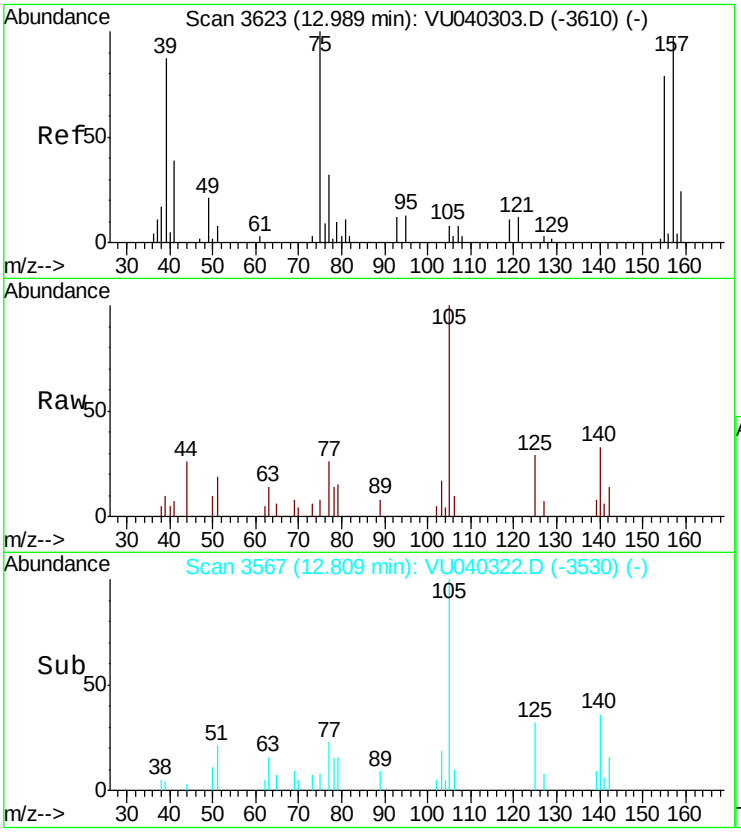


#65
1,2-Dichlorobenzene
Concen: 0.261 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion:146 Resp: 6750

Ion	Ratio	Lower	Upper
146	100		
111	44.5	36.5	54.7
148	58.4	48.6	72.8



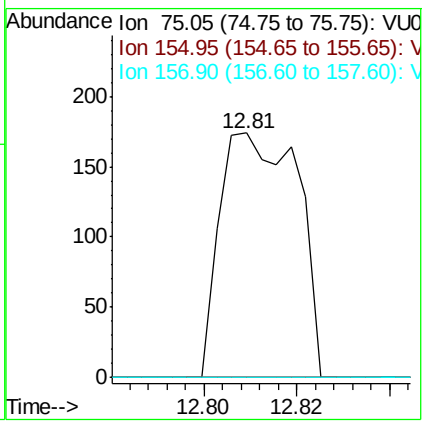


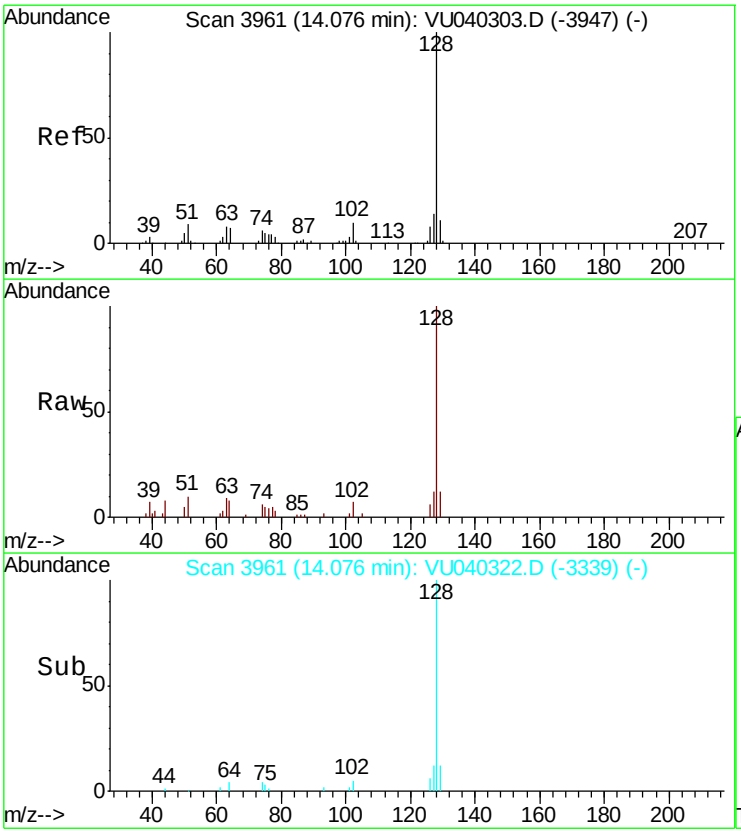
#66
1,2-Dibromo-3-chloropropane
Concen: 0.073 ug/L
RT: 12.81 min Scan# 3567
Delta R.T. -0.18 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Instrument :
MSVOA_U
ClientSampleId :
BG4A3

Tgt Ion: 75 Resp: 203

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.6	82.0#
157	0.0	75.6	113.4#





#69
Naphthalene
Concen: 0.399 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040322.D
Acq: 26 Sep 2020 00:02

Tgt Ion:128 Resp: 13489

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.0	10.7	16.1