Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032363.D
Acq On : 29 May 2019 16:55
Operator : JC/SP
Sample : K3045-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C48

Quant Time: May 30 05:39:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	414794	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	410590	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205558	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	113508	4.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.40%			
7) Chloroethane-d5	1.68	69	97691	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.00%			
11) 1,1-Dichloroethene-d2	2.27	63	161310	3.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.20%			
20) 2-Butanone-d5	4.19	46	289748	44.10	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.20%			
24) Chloroform-d	4.64	84	217822	3.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.20%			
26) 1,2-Dichloroethane-d4	5.31	65	109588	3.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.60%#			
32) Benzene-d6	5.33	84	468009	4.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.40%			
36) 1,2-Dichloropropane-d6	6.33	67	137423	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 72.60%			
41) Toluene-d8	7.56	98	453359	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.00%			
43) trans-1,3-Dichloropropene-	7.85	79	53756	3.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.00%			
46) 2-Hexanone-d5	8.31	63	246425	45.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.02%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119572	3.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 63.60%#			
64) 1,2-Dichlorobenzene-d4	11.85	152	186016	3.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 65.60%#			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	4403	0.248	ug/L	84
8) Chloroethane	1.47	64	96924	8.505	ug/L #	51
13) Acetone	2.30	43	371009	182.241	ug/L	50
15) Methyl Acetate	2.70	43	1788396	299.381	ug/L #	41
16) Methylene chloride	2.69	84	4189	0.213	ug/L #	1
17) Methyl tert-butyl Ether	2.99	73	5053	0.152	ug/L #	1
21) 2-Butanone	4.20	43	62671	20.406	ug/L #	46
27) 1,2-Dichloroethane	5.40	62	22764	1.480	ug/L #	62
30) Cyclohexane	5.07	56	1290589	64.779	ug/L #	15
33) Benzene	5.38	78	429477	7.733	ug/L	100
34) Trichloroethene	6.28	95	3639	0.244	ug/L #	6
35) Methylcyclohexane	6.21	83	28196	1.284	ug/L	89
38) Bromodichloromethane	6.74	83	5795	0.333	ug/L #	42
39) cis-1,3-Dichloropropene	7.22	75	3903	0.205	ug/L #	1
40) 4-Methyl-2-pentanone	7.52	43	29514	4.366	ug/L #	51
42) Toluene	7.64	91	24853	0.421	ug/L	90
45) 1,1,2-Trichloroethane	8.04	97	255382	24.732	ug/L #	20

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032363.D
Acq On : 29 May 2019 16:55
Operator : JC/SP
Sample : K3045-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C48

Quant Time: May 30 05:39:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.37	43	9649	1.861	ug/L	#	71
52) Ethylbenzene	9.25	91	47820	0.805	ug/L		100
53) m,p-Xylene	9.37	106	4334	0.196	ug/L		71
54) o-Xylene	9.78	106	6020	0.273	ug/L		98
56) Isopropylbenzene	10.16	105	338023	6.057	ug/L		99
59) 1,2,3-Trichloropropane	11.32	75	9116	1.047	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	12.64	75	9948	5.001	ug/L	#	1
69) Naphthalene	13.73	128	40759	1.635	ug/L	#	7

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032363.D
Acq On : 29 May 2019 16:55
Operator : JC/SP
Sample : K3045-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

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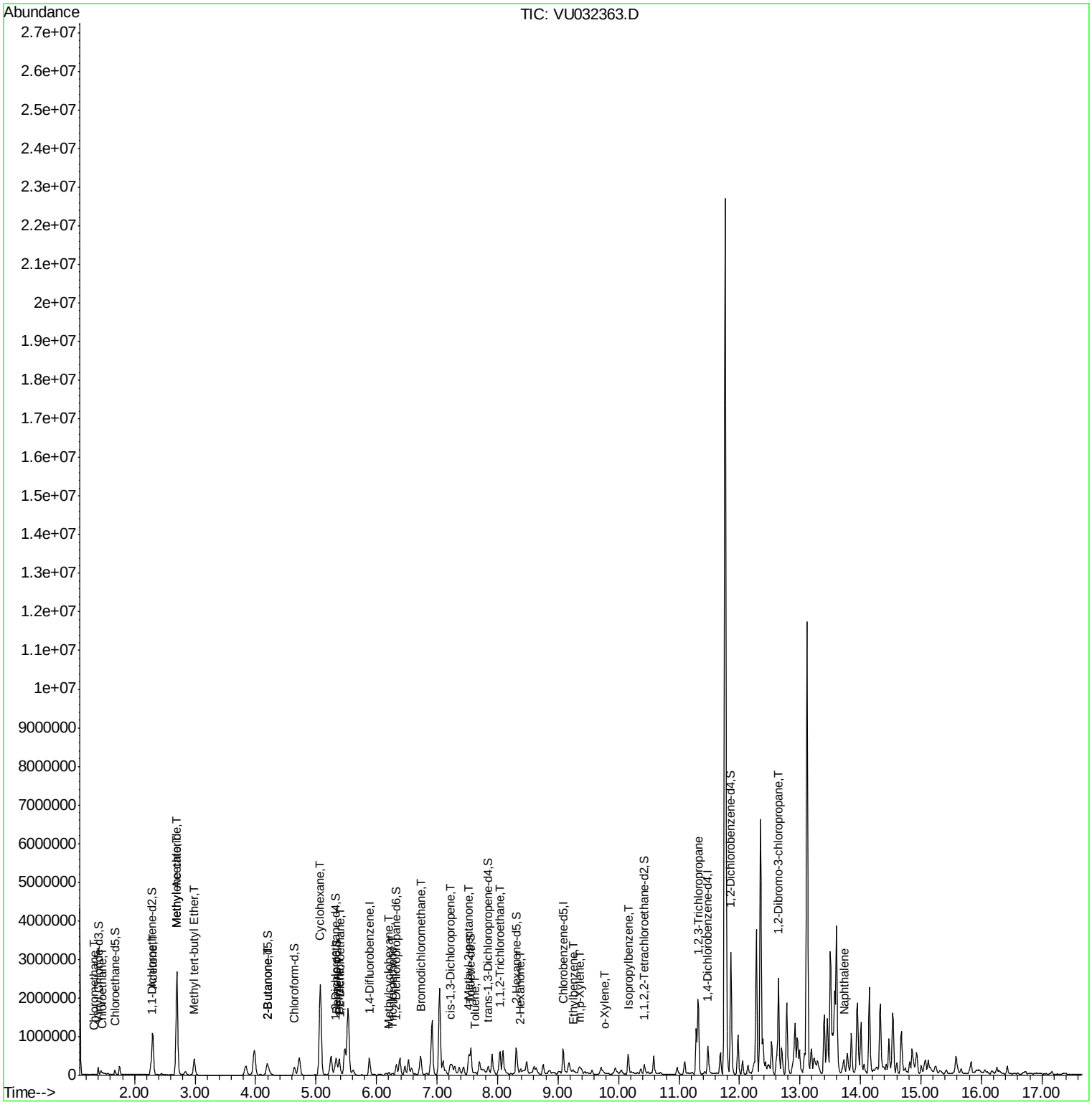
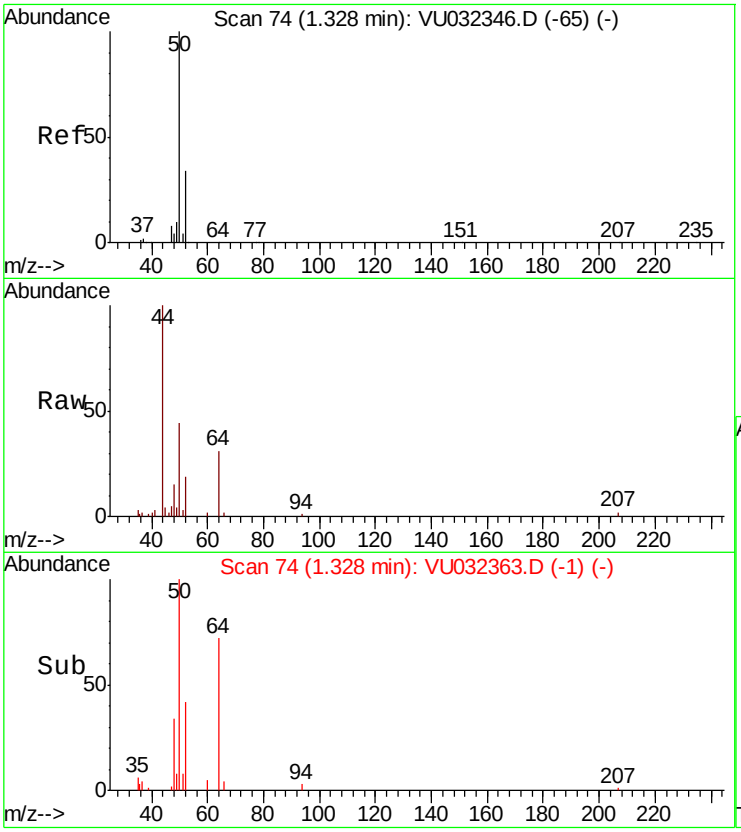
Quant Time: May 30 05:39:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration



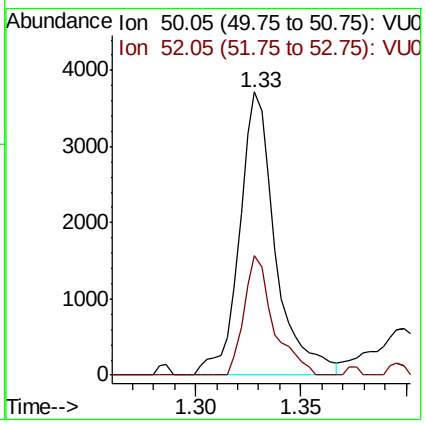


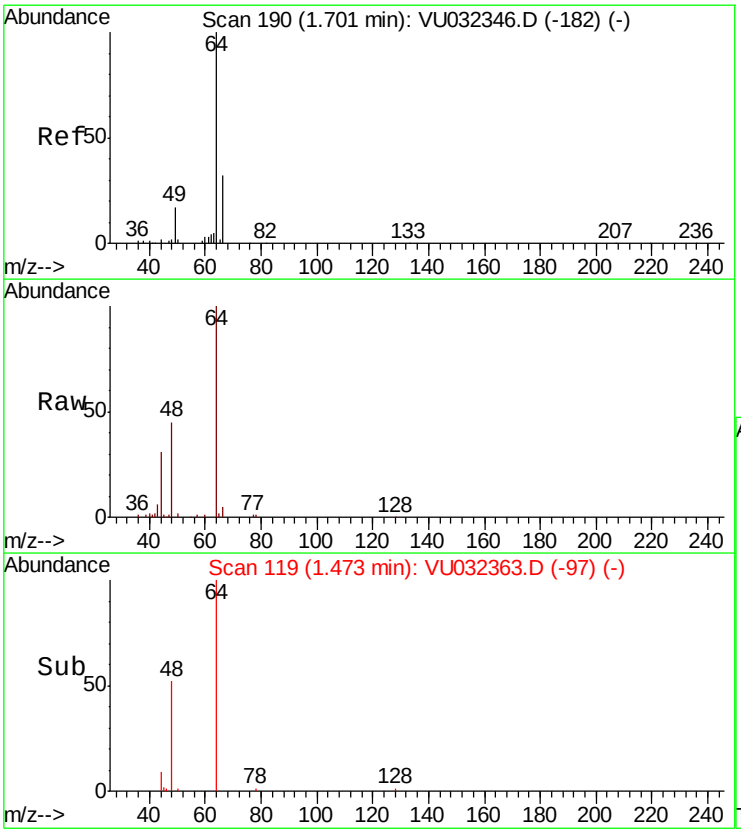
#3
Chloromethane
Concen: 0.248 ug/L
RT: 1.33 min Scan# 74
Delta R.T. -0.00 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
C0C48

Tgt Ion: 50 Resp: 4403

Ion	Ratio	Lower	Upper
50	100		
52	42.4	23.3	43.3

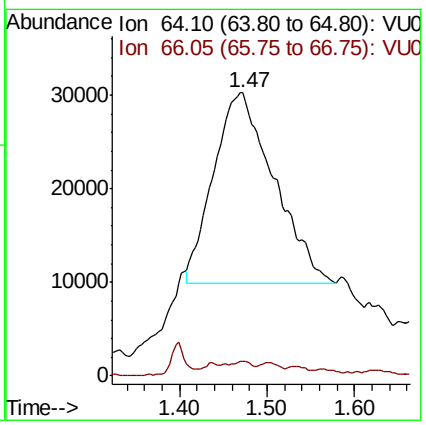


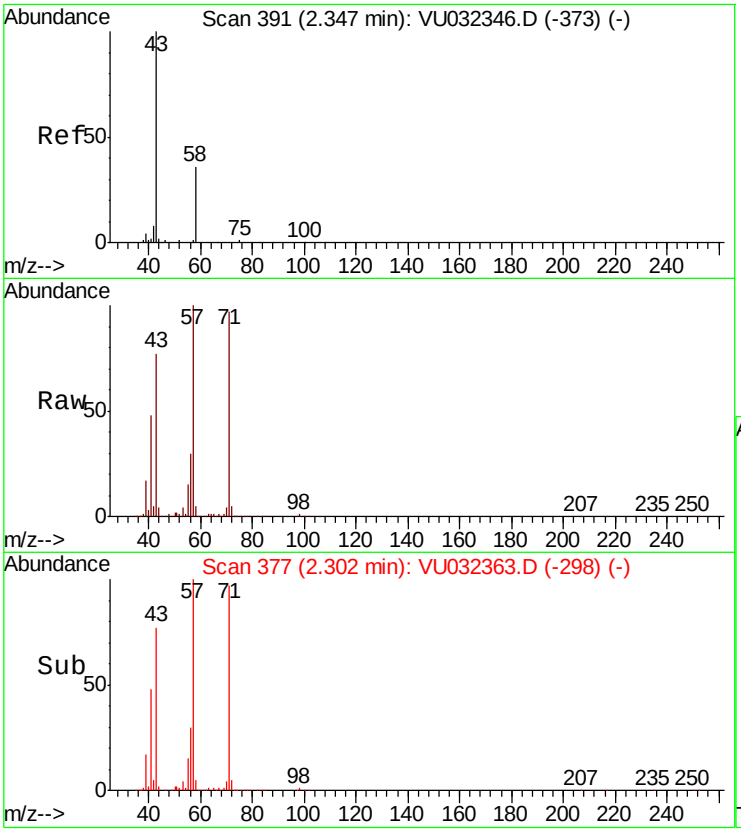


#8
Chloroethane
Concen: 8.505 ug/L
RT: 1.47 min Scan# 119
Delta R.T. -0.23 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion: 64 Resp: 96924

Ion	Ratio	Lower	Upper
64	100		
66	5.2	23.1	42.9#



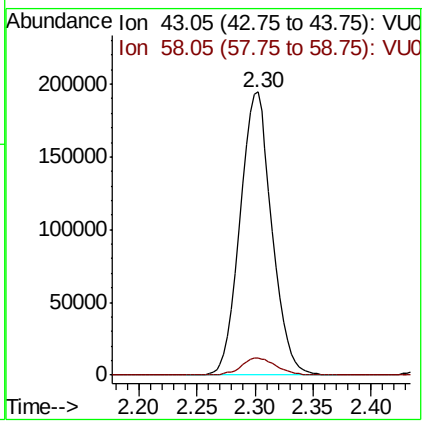


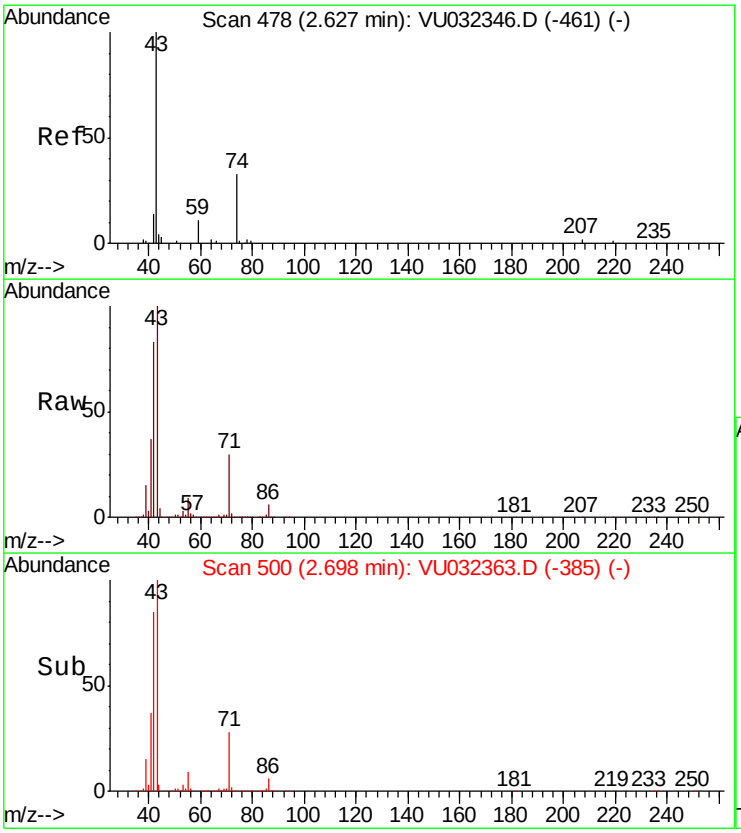
#13
Acetone
Concen: 182.241 ug/L
RT: 2.30 min Scan# 377
Delta R.T. -0.05 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
C0C48

Tgt Ion: 43 Resp: 371009

Ion	Ratio	Lower	Upper
43	100		
58	6.8	0.0	72.6

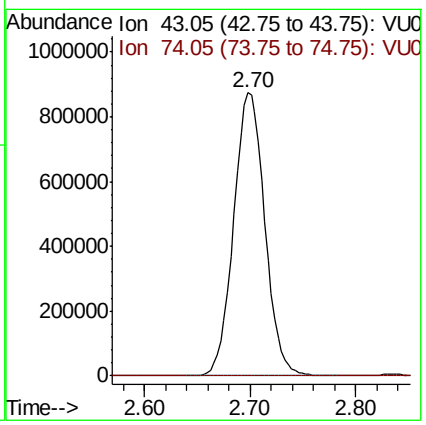


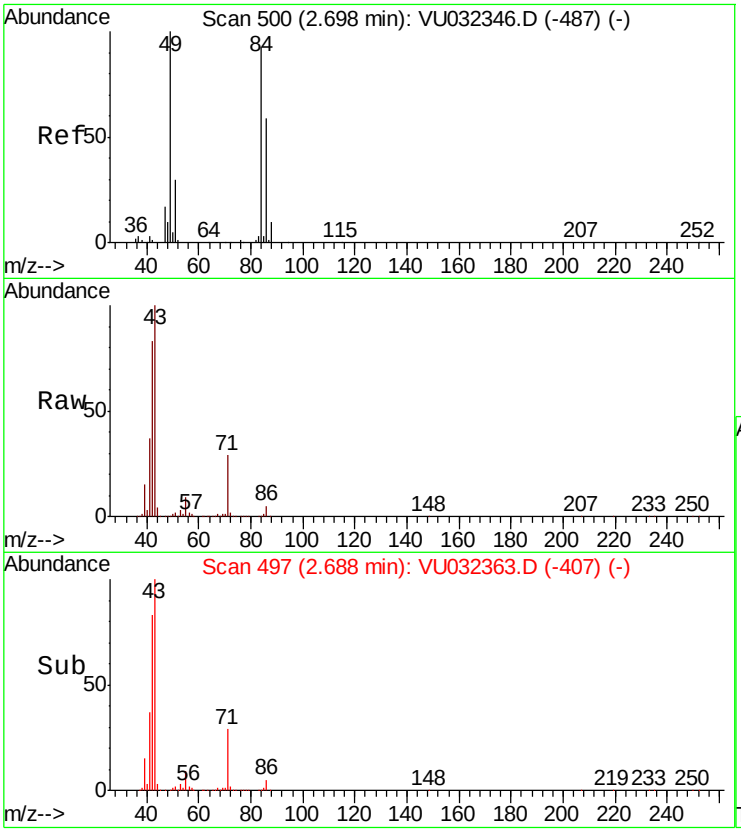


#15
Methyl Acetate
Concen: 299.381 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.07 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion: 43 Resp: 1788396

Ion	Ratio	Lower	Upper
43	100		
74	0.0	27.3	40.9#



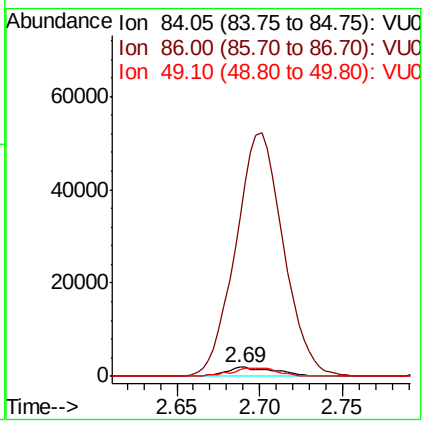


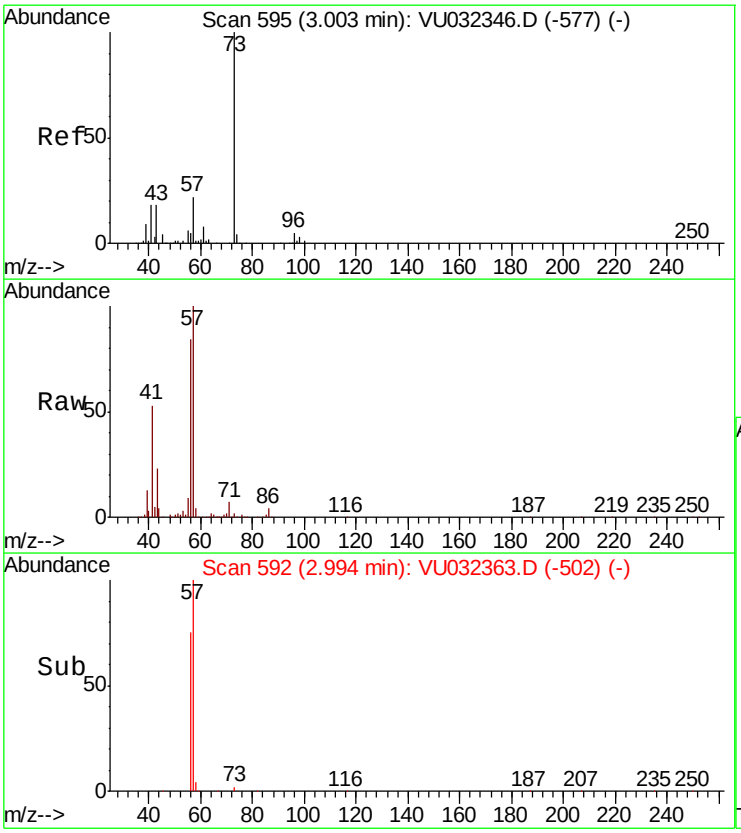
#16
Methylene chloride
Concen: 0.213 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument : MSVOA_U
ClientSampleId : C0C48

Tgt Ion: 84 Resp: 4189

Ion	Ratio	Lower	Upper
84	100		
86	1736.3	43.6	81.0#
49	68.8	71.1	132.1#

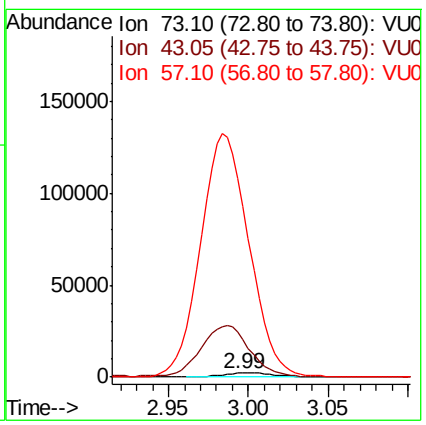


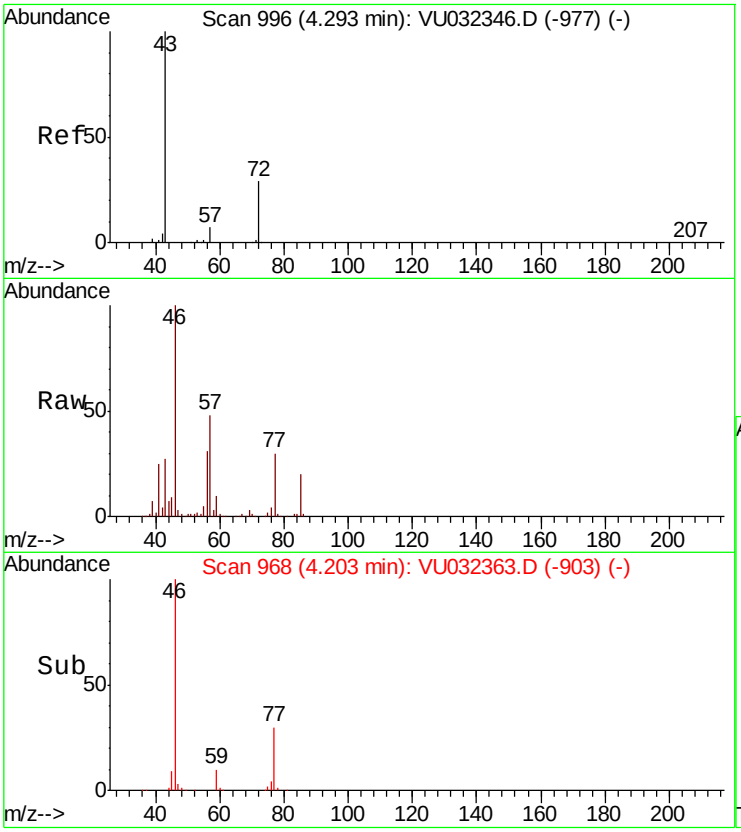


#17
Methyl tert-butyl Ether
Concen: 0.152 ug/L
RT: 2.99 min Scan# 592
Delta R.T. -0.01 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion: 73 Resp: 5053

Ion	Ratio	Lower	Upper
73	100		
43	1131.5	13.8	20.6#
57	5486.3	16.2	24.4#



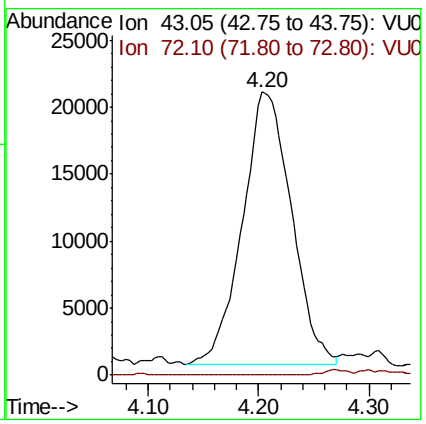


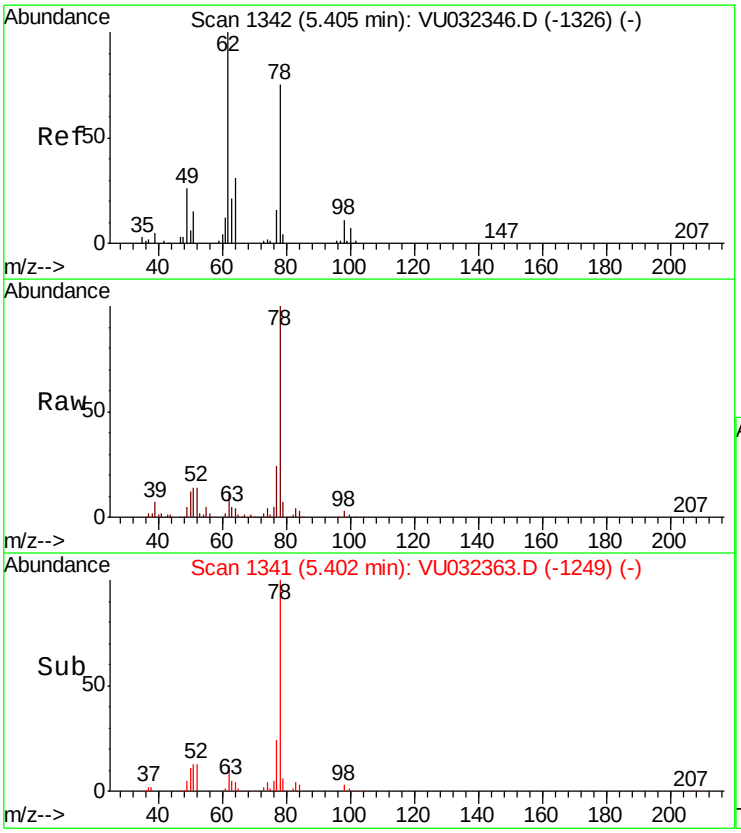
#21
2-Butanone
Concen: 20.406 ug/L
RT: 4.20 min Scan# 968
Delta R.T. -0.09 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
C0C48

Tgt Ion: 43 Resp: 62671

Ion	Ratio	Lower	Upper
43	100		
72	1.0	15.2	45.6#

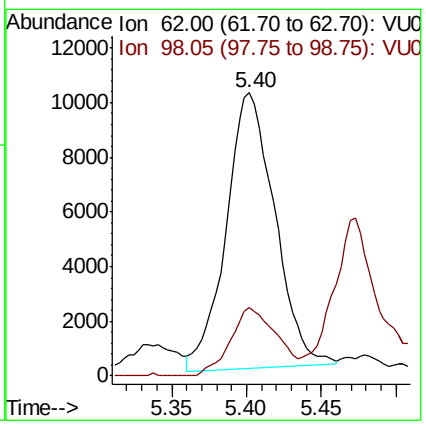


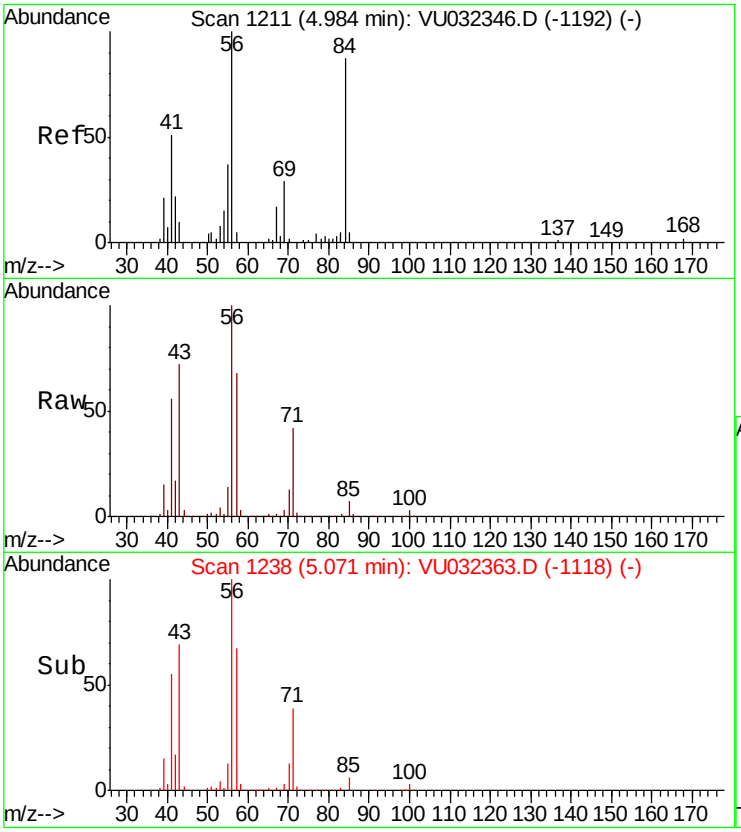


#27
1,2-Dichloroethane
Concen: 1.480 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion: 62 Resp: 22764

Ion	Ratio	Lower	Upper
62	100		
98	24.2	8.2	12.2#



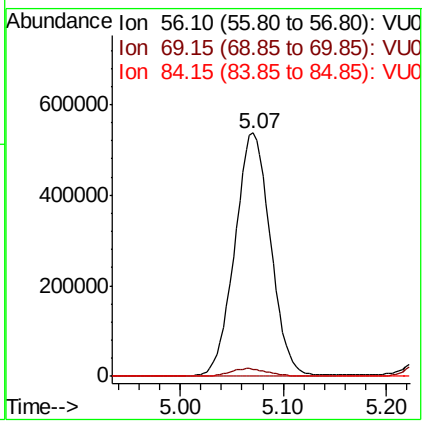


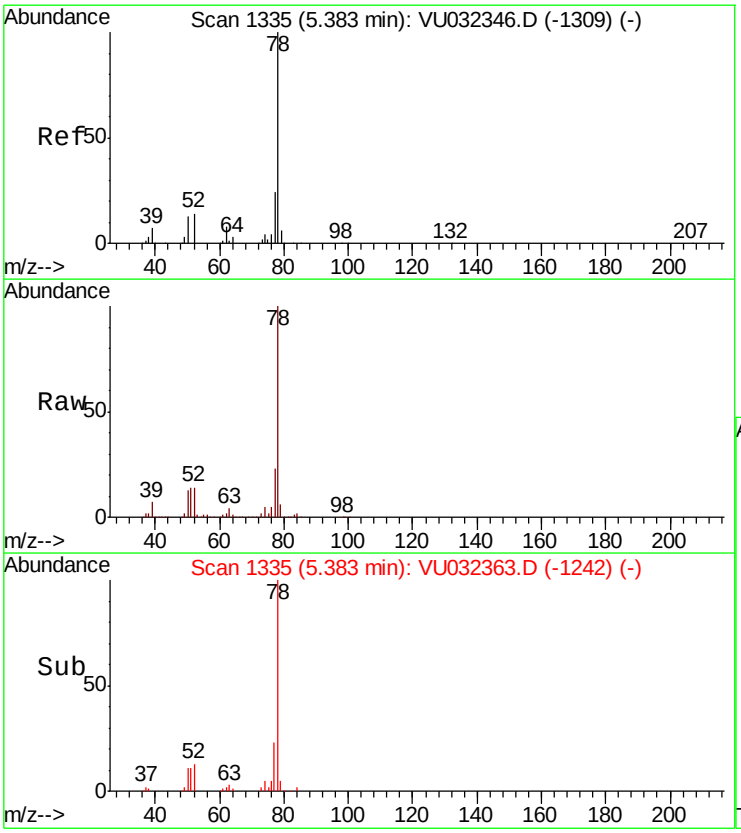
#30
Cyclohexane
Concen: 64.779 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. 0.09 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument : MSVOA_U
ClientSampleId : C0C48

Tgt Ion: 56 Resp: 1290589

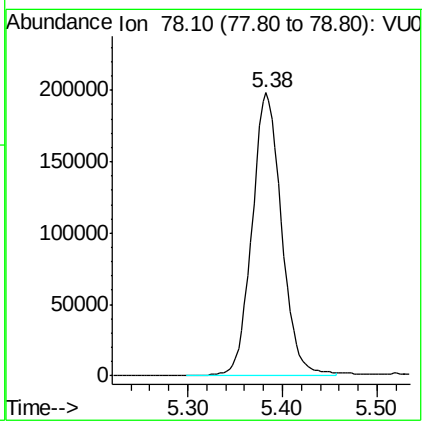
Ion	Ratio	Lower	Upper
56	100		
69	3.4	26.6	39.8#
84	0.4	75.0	112.6#

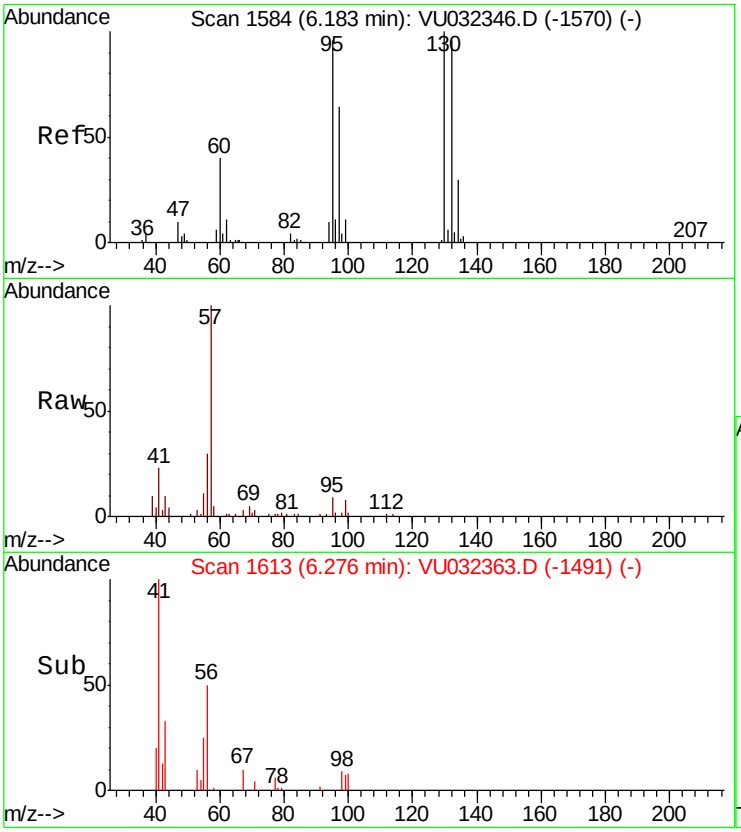




#33
Benzene
Concen: 7.733 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion: 78 Resp: 429477



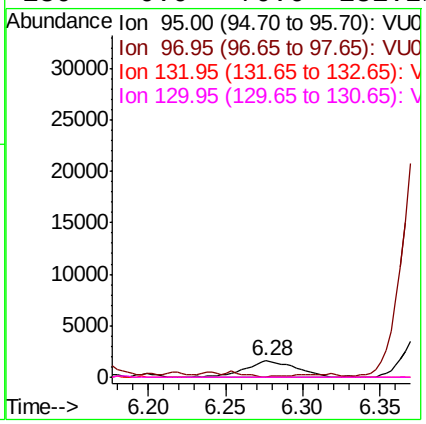


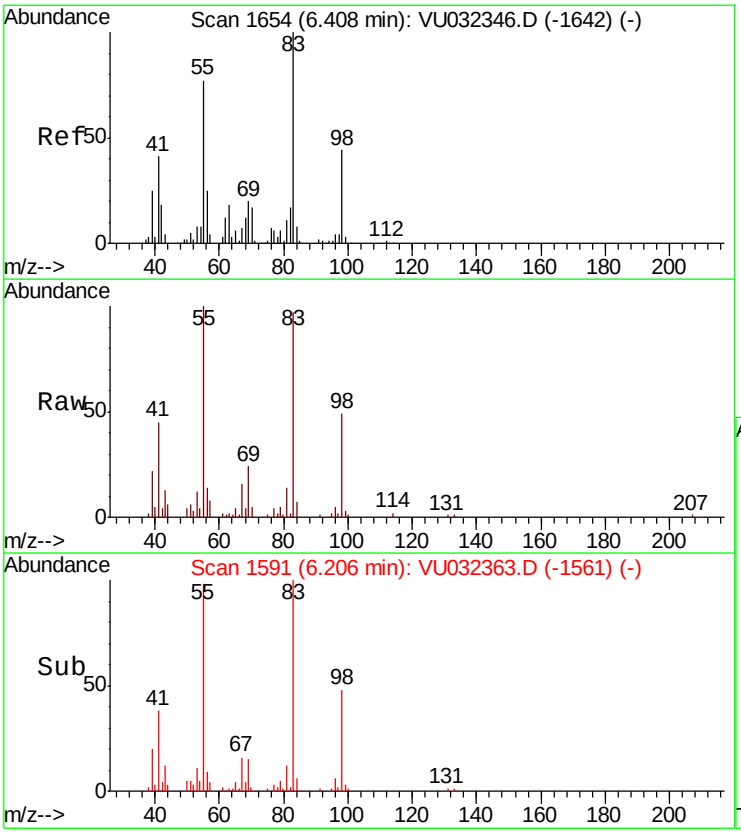
#34
Trichloroethene
Concen: 0.244 ug/L
RT: 6.28 min Scan# 1613
Delta R.T. 0.09 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument : MSVOA_U
ClientSampleId : C0C48

Tgt Ion: 95 Resp: 3639

Ion	Ratio	Lower	Upper
95	100		
97	0.0	39.9	74.1#
132	0.0	65.9	122.5#
130	0.0	70.6	131.2#

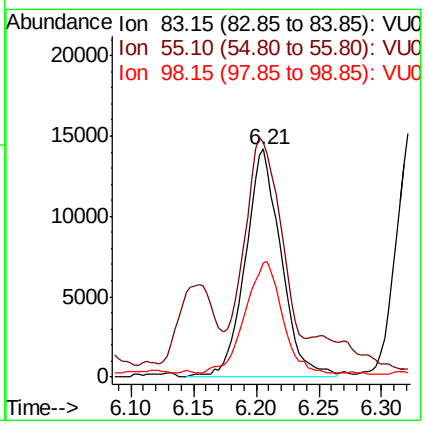


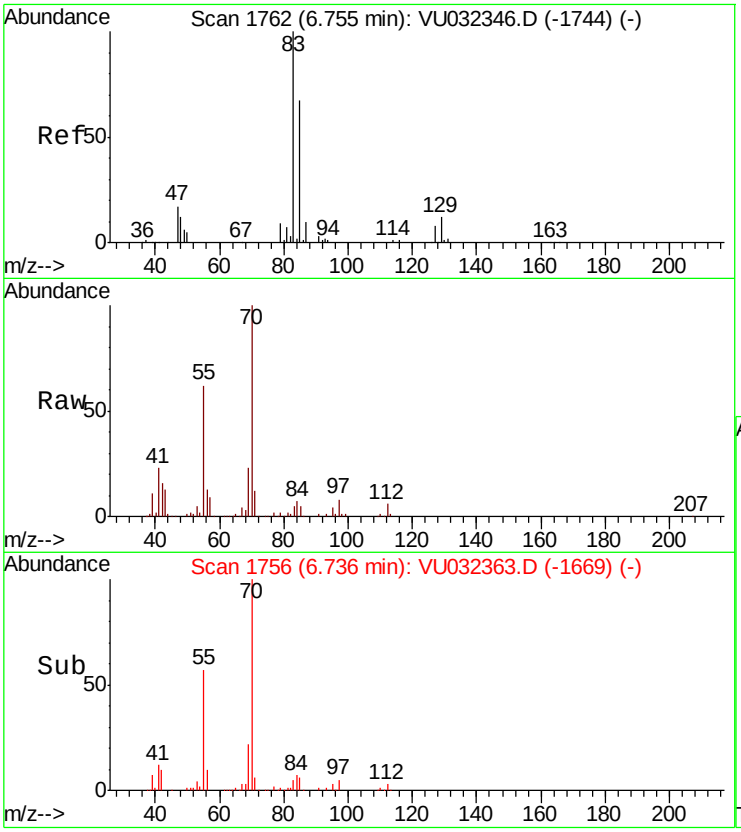


#35
Methylcyclohexane
Concen: 1.284 ug/L
RT: 6.21 min Scan# 1591
Delta R.T. -0.20 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion: 83 Resp: 28196

Ion	Ratio	Lower	Upper
83	100		
55	87.4	59.7	89.5
98	50.5	37.5	56.3



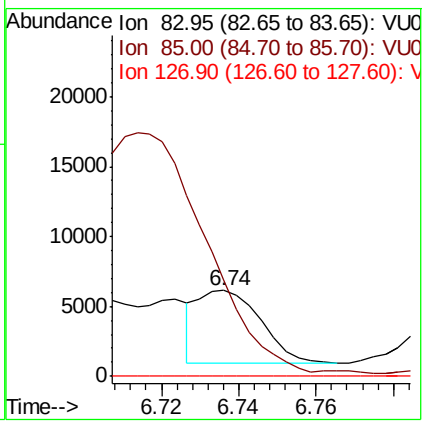


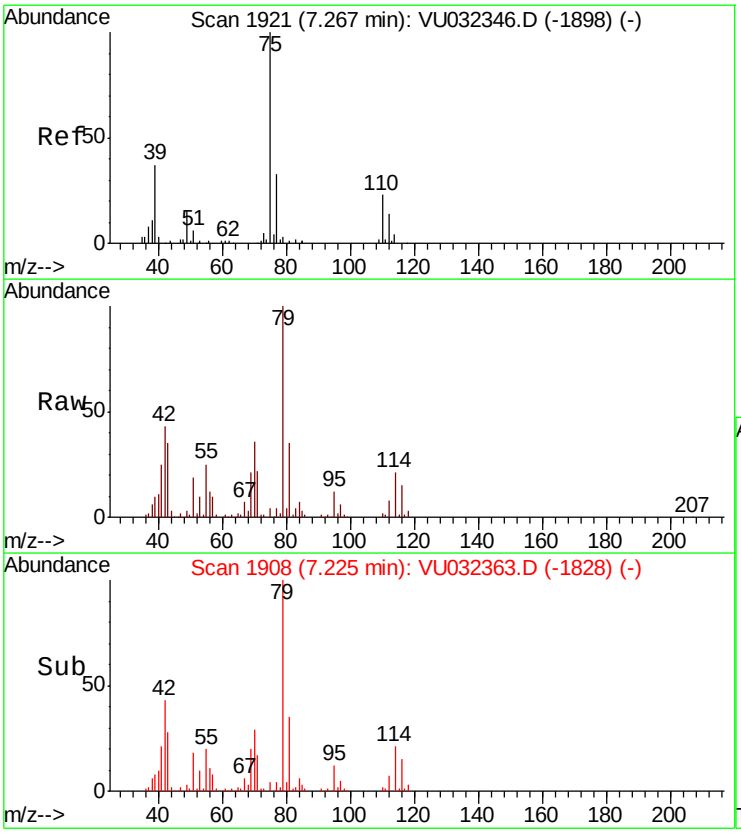
#38
Bromodichloromethane
Concen: 0.333 ug/L
RT: 6.74 min Scan# 1756
Delta R.T. -0.02 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument : MSVOA_U
ClientSampleId : C0C48

Tgt Ion: 83 Resp: 5795

Ion	Ratio	Lower	Upper
83	100		
85	112.4	44.4	82.4#
127	0.0	7.0	10.6#

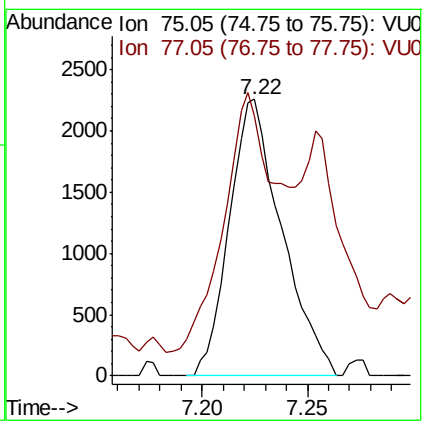


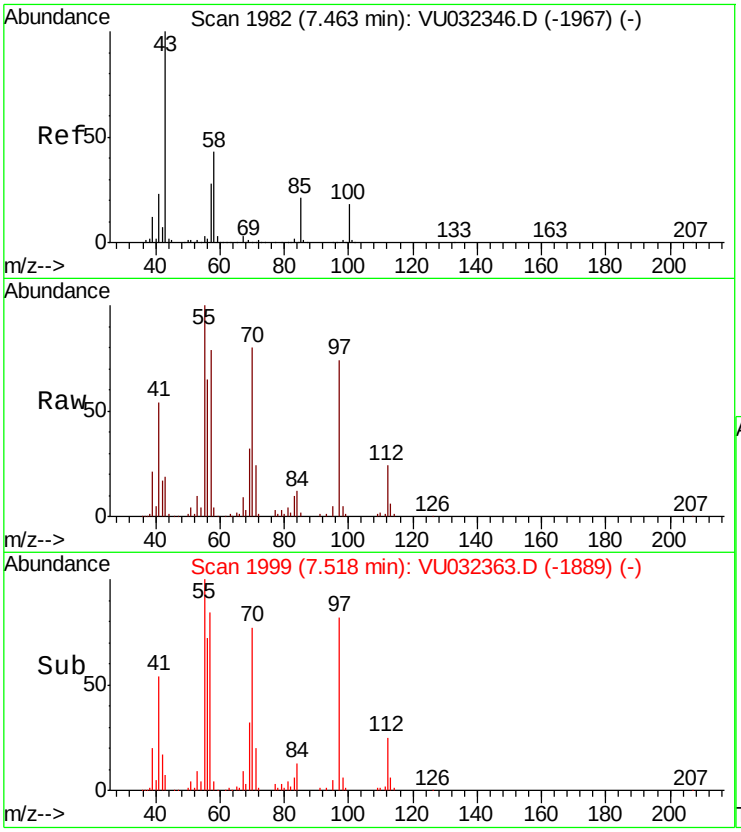


#39
cis-1,3-Dichloropropene
Concen: 0.205 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion: 75 Resp: 3903

Ion	Ratio	Lower	Upper
75	100		
77	94.1	22.6	42.0#



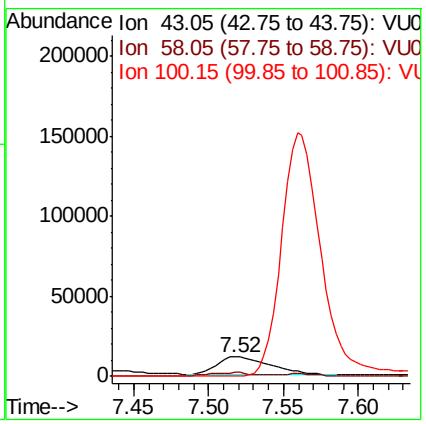


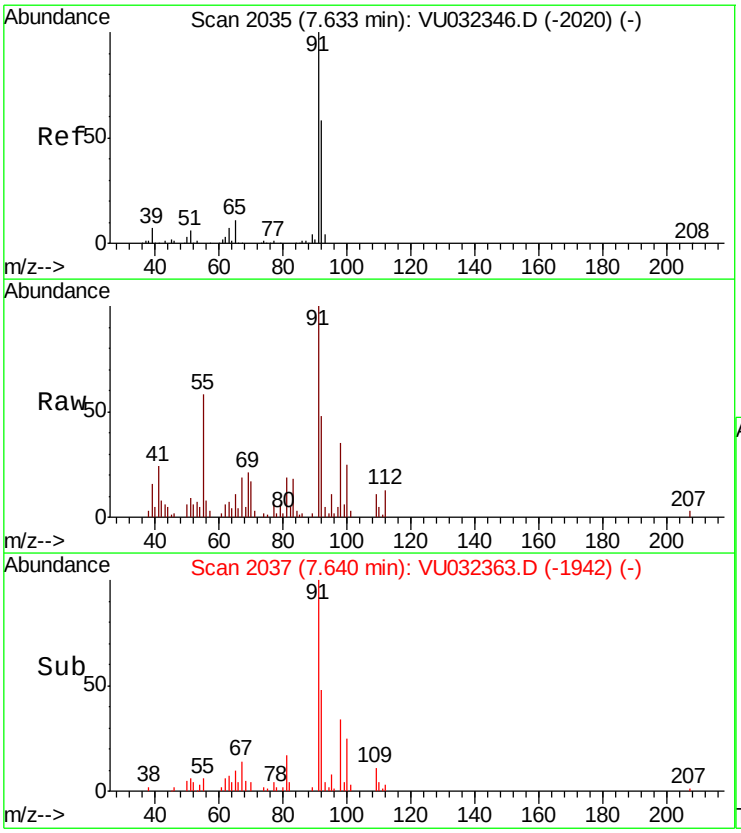
#40
4-Methyl-2-pentanone
Concen: 4.366 ug/L
RT: 7.52 min Scan# 1999
Delta R.T. 0.05 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument : MSVOA_U
ClientSampleId : C0C48

Tgt Ion: 43 Resp: 29514

Ion	Ratio	Lower	Upper
43	100		
58	10.9	35.8	53.6#
100	0.0	14.6	22.0#

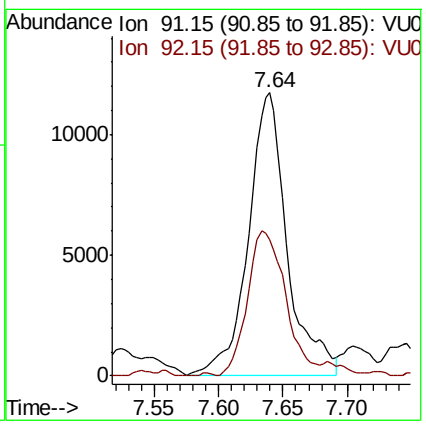


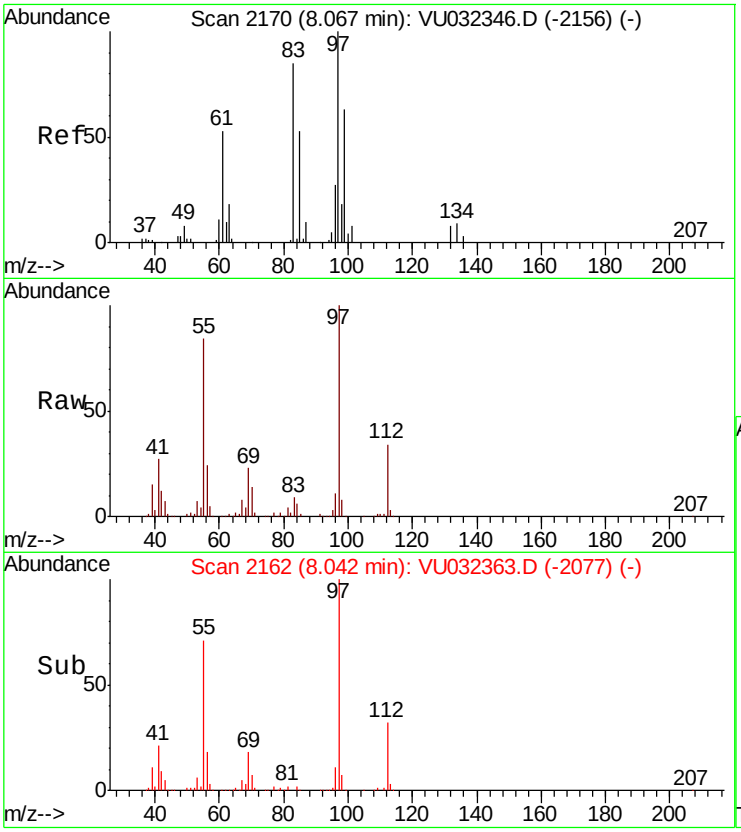


#42
Toluene
Concen: 0.421 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion: 91 Resp: 24853

Ion	Ratio	Lower	Upper
91	100		
92	48.0	38.5	71.5



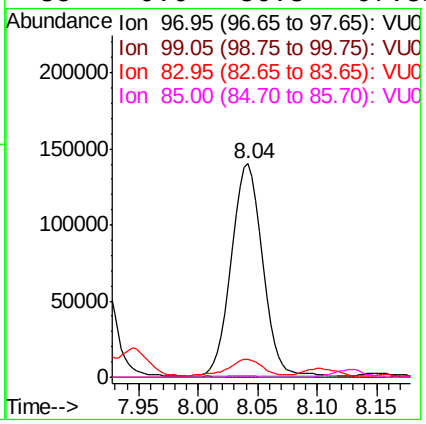


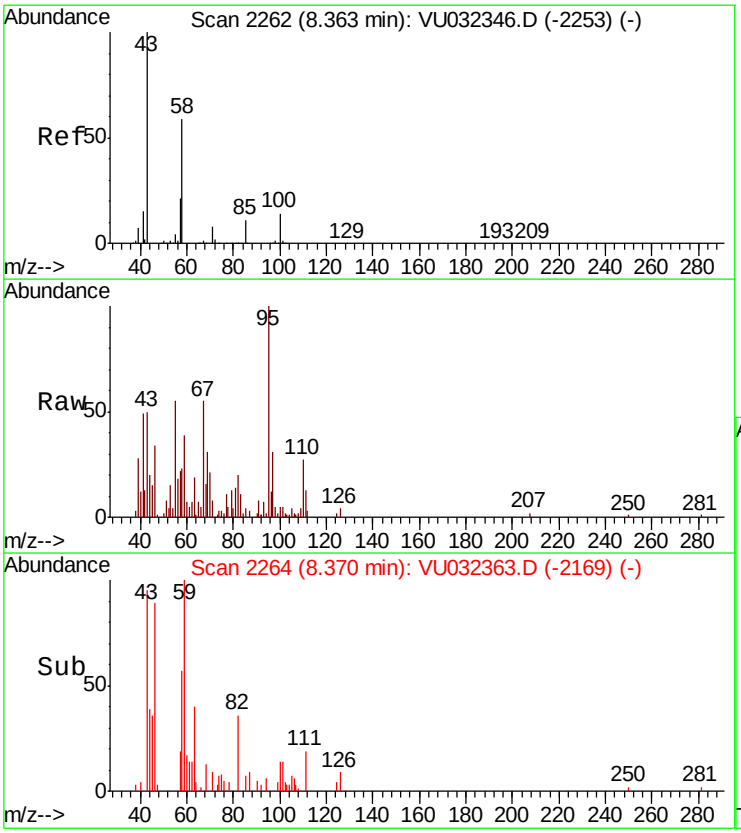
#45
1,1,2-Trichloroethane
Concen: 24.732 ug/L
RT: 8.04 min Scan# 2162
Delta R.T. -0.03 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
C0C48

Tgt Ion: 97 Resp: 255382

Ion	Ratio	Lower	Upper
97	100		
99	0.2	44.2	82.0#
83	8.6	60.5	112.3#
85	0.6	36.3	67.3#

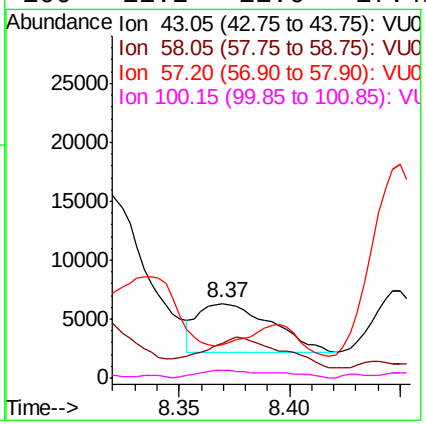


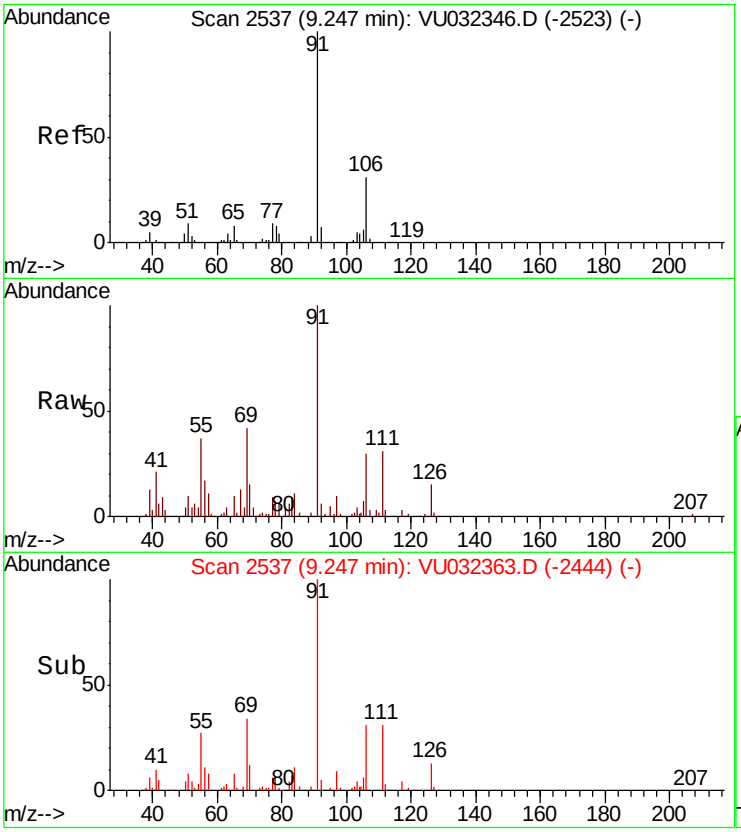


#48
2-Hexanone
Concen: 1.861 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion: 43 Resp: 9649

Ion	Ratio	Lower	Upper
43	100		
58	83.8	49.7	74.5#
57	0.0	17.1	25.7#
100	11.2	11.6	17.4#



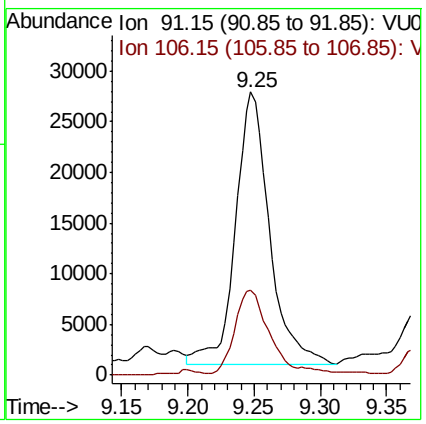


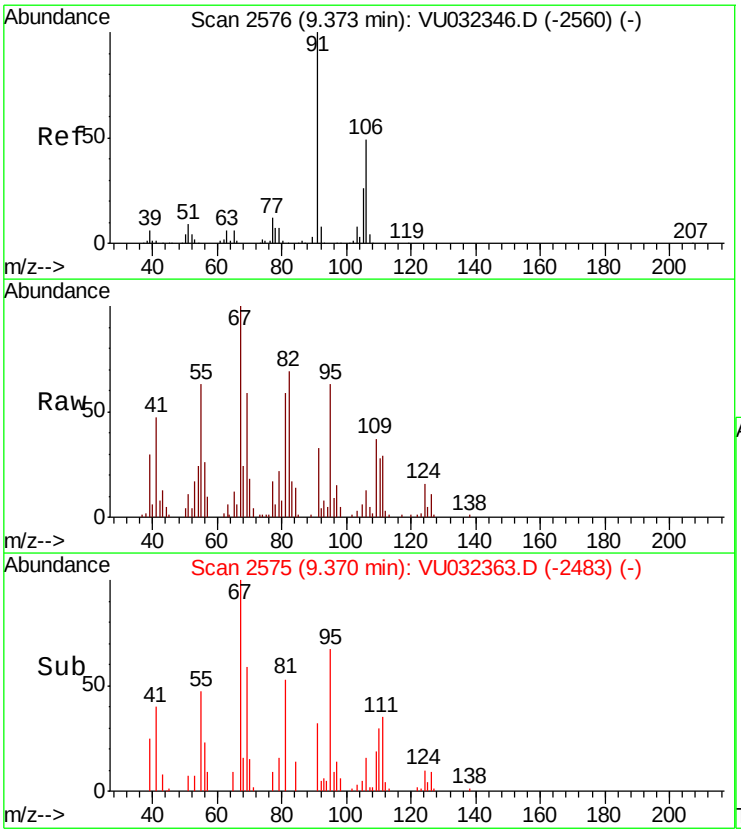
#52
Ethylbenzene
Concen: 0.805 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument : MSVOA_U
ClientSampleId : C0C48

Tgt Ion: 91 Resp: 47820

Ion	Ratio	Lower	Upper
91	100		
106	30.1	20.9	38.9

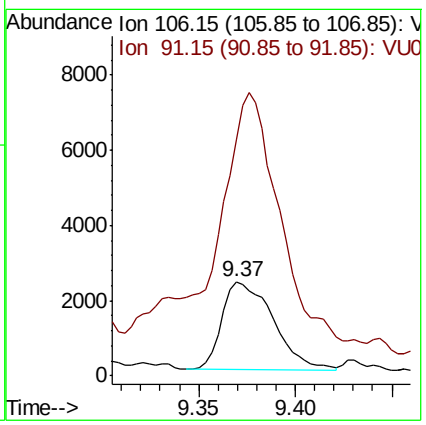


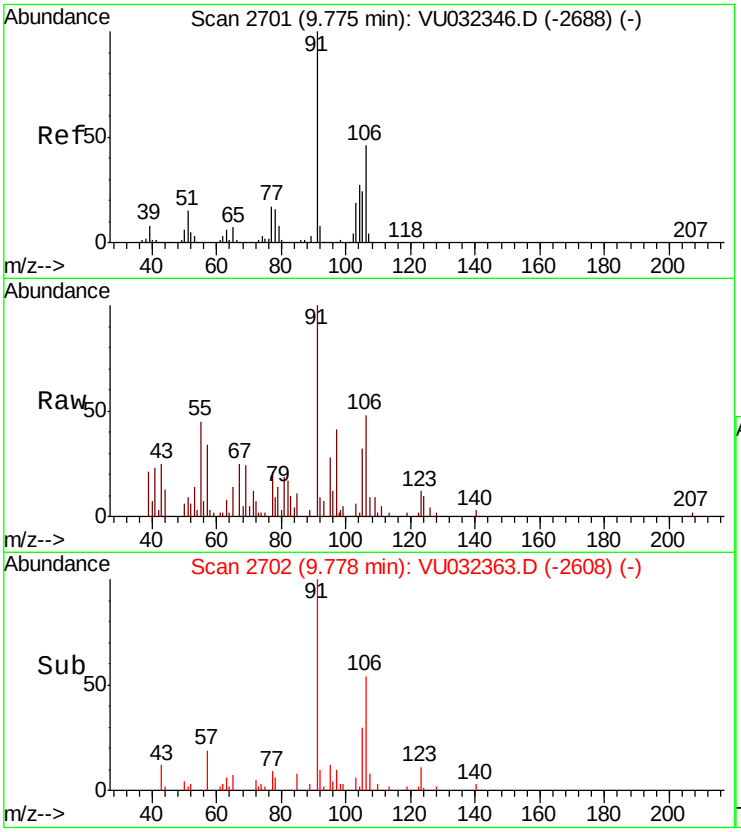


#53
m,p-Xylene
Concen: 0.196 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion:106 Resp: 4334

Ion	Ratio	Lower	Upper
106	100		
91	250.4	143.9	267.2



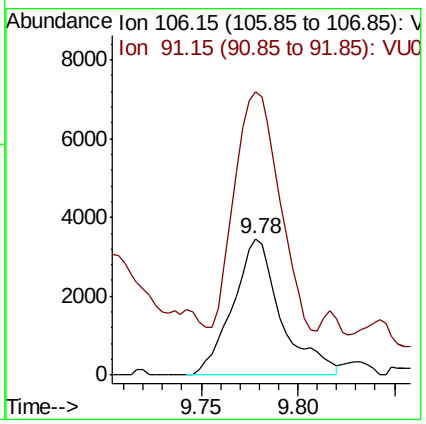


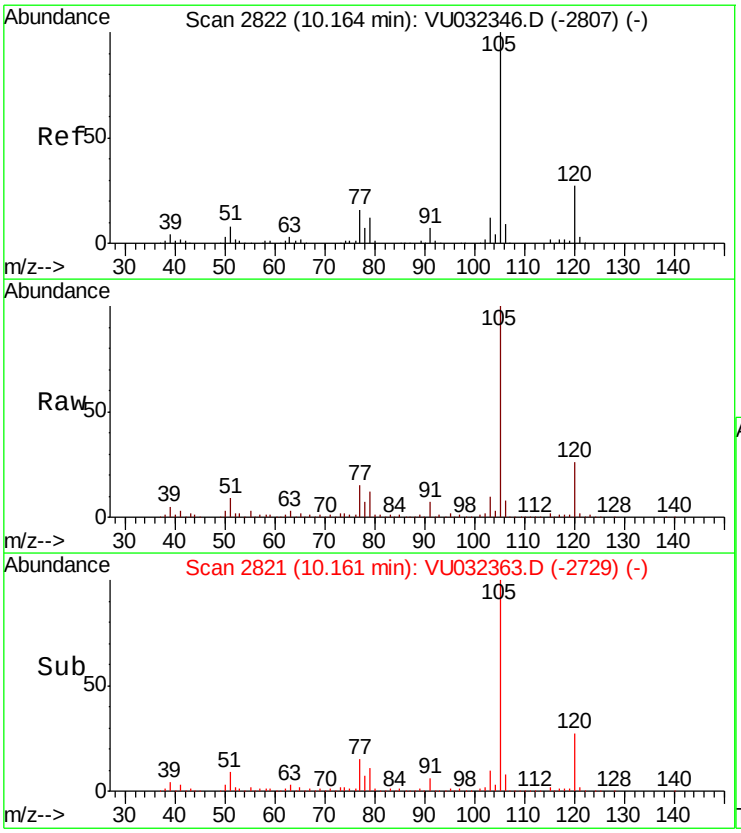
#54
o-Xylene
Concen: 0.273 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
C0C48

Tgt Ion:106 Resp: 6020

Ion	Ratio	Lower	Upper
106	100		
91	207.4	147.8	274.4

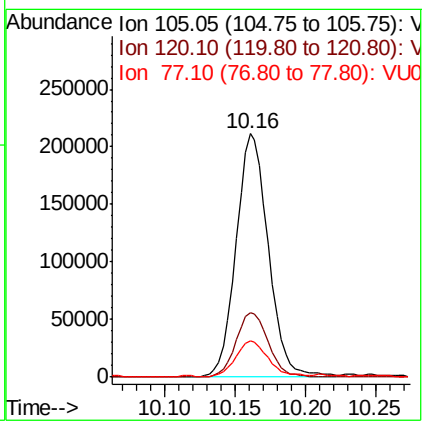


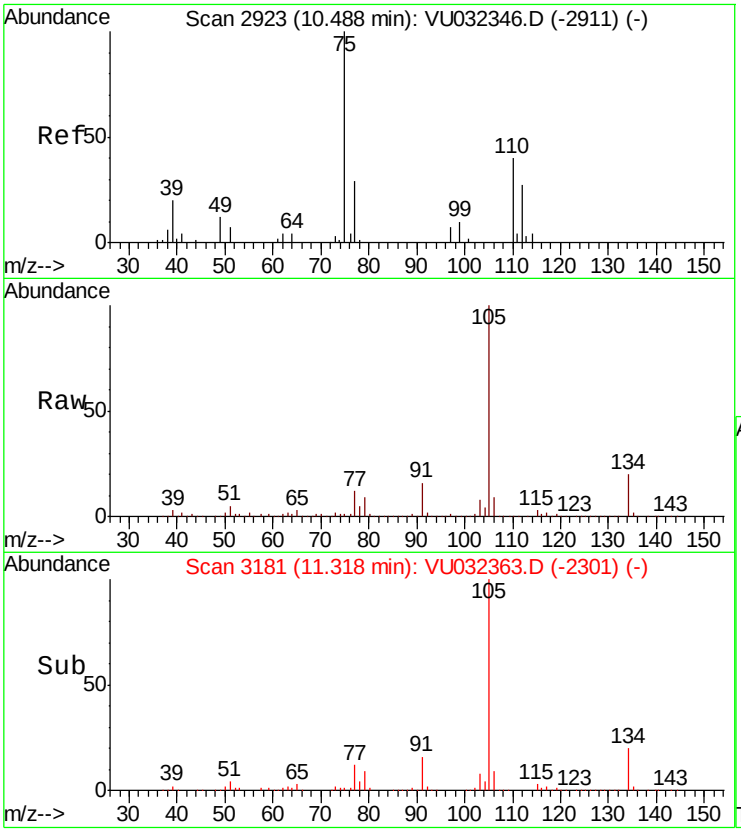


#56
Isopropylbenzene
Concen: 6.057 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion:105 Resp: 338023

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.0	31.6
77	14.5	11.9	17.9



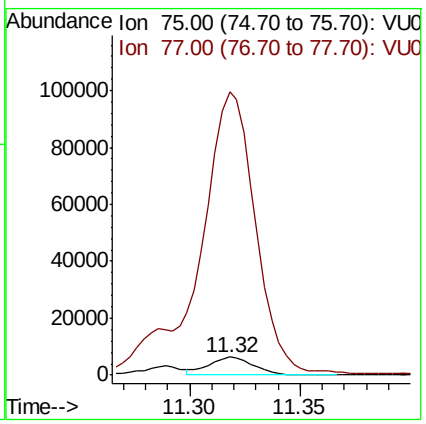


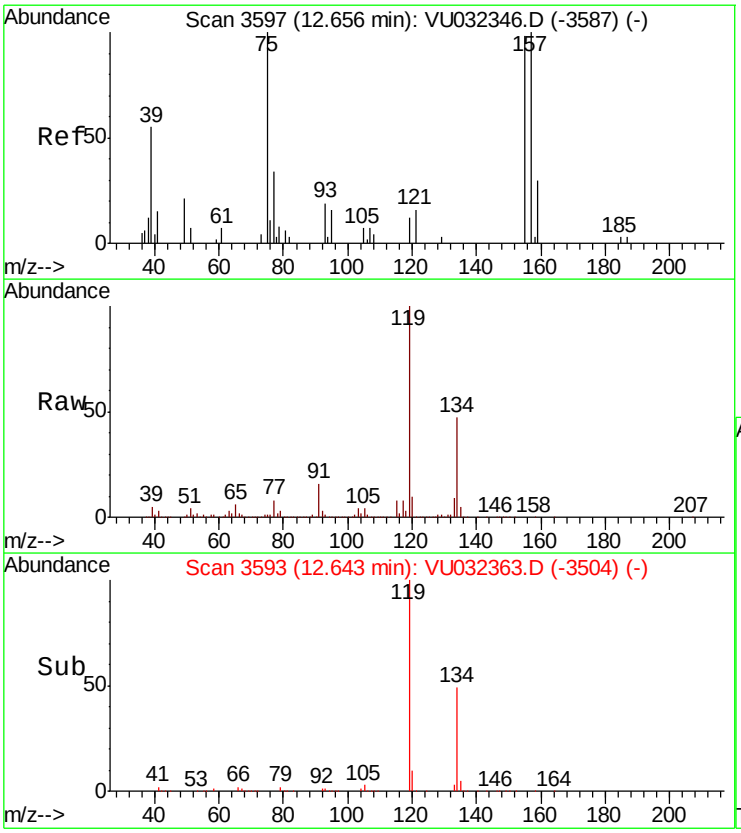
#59
1,2,3-Trichloropropane
Concen: 1.047 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.83 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument : MSVOA_U
ClientSampleId : C0C48

Tgt Ion: 75 Resp: 9116

Ion	Ratio	Lower	Upper
75	100		
77	1919.5	28.2	42.4#

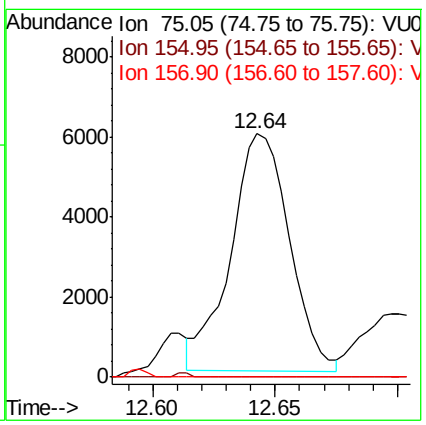


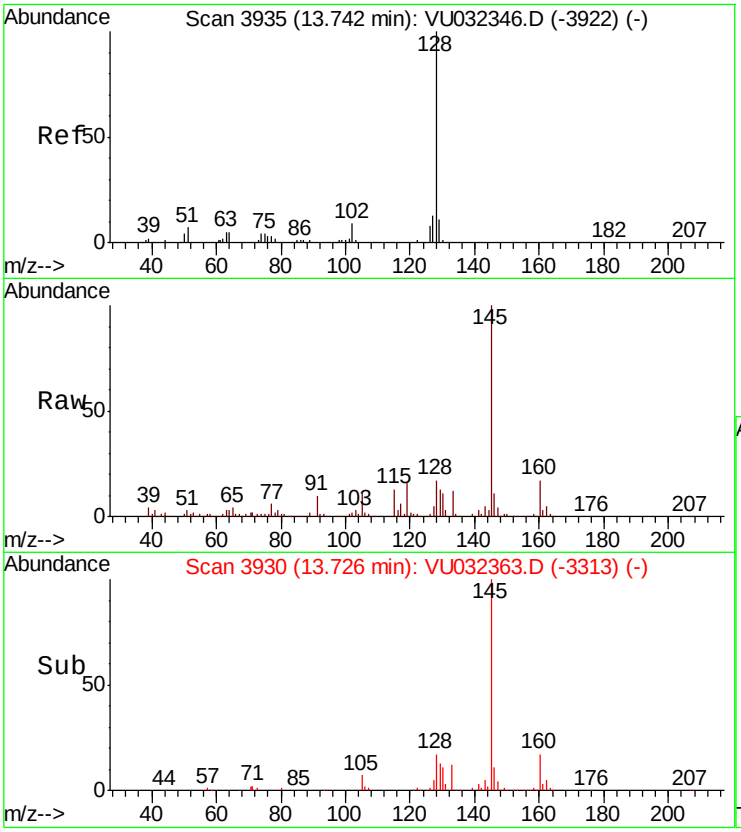


#66
1,2-Dibromo-3-chloropropane
Concen: 5.001 ug/L
RT: 12.64 min Scan# 3593
Delta R.T. -0.01 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Tgt Ion: 75 Resp: 9948

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.3	103.9#
157	0.0	90.6	135.8#





#69
Naphthalene
Concen: 1.635 ug/L
RT: 13.73 min Scan# 3930
Delta R.T. -0.02 min
Lab File: VU032363.D
Acq: 29 May 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
C0C48

Tgt Ion:128 Resp: 40759

Ion	Ratio	Lower	Upper
128	100		
129	72.7	9.2	13.8#
127	29.0	11.1	16.7#