Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

Quantitation Report (Not Reviewed)

Data File : VU028822.D
Acq On : 20 Dec 2018 14:17
Operator : MD/SY
Sample : J6441-11
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF024

Quant Time: Dec 21 03:56:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	203789	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	209833	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115517	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	61490	37.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.28%			
7) Chloroethane-d5	1.64	69	36410	28.85	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 57.70%#			
11) 1,1-Dichloroethene-d2	2.23	63	80335	29.24	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.48%#			
21) 2-Butanone-d5	4.19	46	102011	89.12	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.12%			
24) Chloroform-d	4.64	84	103738	40.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.76%			
26) 1,2-Dichloroethane-d4	5.30	65	66168	41.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.56%			
32) Benzene-d6	5.33	84	225666	38.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.14%			
36) 1,2-Dichloropropane-d6	6.32	67	80196	39.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.64%			
41) Toluene-d8	7.56	98	207376	38.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.20%#			
43) trans-1,3-Dichloropropene-	7.85	79	36571	40.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.06%			
47) 2-Hexanone-d5	8.32	63	91712	95.88	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.88%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	138859	49.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	99420	42.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.10%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	2795	1.237	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	840	0.636	ug/L #	20
13) Acetone	2.34	43	1680	1.440	ug/L	54
15) Methyl Acetate	2.63	43	2030	1.116	ug/L #	69
27) 1,2-Dichloroethane	5.33	62	1121	0.576	ug/L #	74
33) Benzene	5.38	78	13739	2.057	ug/L	100
37) 1,2-Dichloropropane	6.33	63	7603	4.071	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1825	0.686	ug/L #	62
42) Toluene	7.64	91	5929	0.876	ug/L	91
45) 1,1,2-Trichloroethane	8.04	97	2088	1.308	ug/L #	13
48) 2-Hexanone	8.32	43	18289	8.878	ug/L #	46
51) Chlorobenzene	9.12	112	2976	0.697	ug/L #	78
53) m,p-Xylene	9.38	106	105208	39.101	ug/L	100
54) o-xylene	9.78	106	424519	157.417	ug/L	99
55) Styrene	9.78	104	20562	4.502	ug/L #	1
56) Isopropylbenzene	10.17	105	1430287	209.071	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	15544	5.359	ug/L #	51

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

Quantitation Report (Not Reviewed)

Data File : VU028822.D
Acq On : 20 Dec 2018 14:17
Operator : MD/SY
Sample : J6441-11
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF024

Quant Time: Dec 21 03:56:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) 1,2,3-Trichloropropane	10.59	75	26544	11.911	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	12.37	75	1398	2.117	ug/L	#	26
69) Naphthalene	13.74	128	28625	3.639	ug/L		99

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

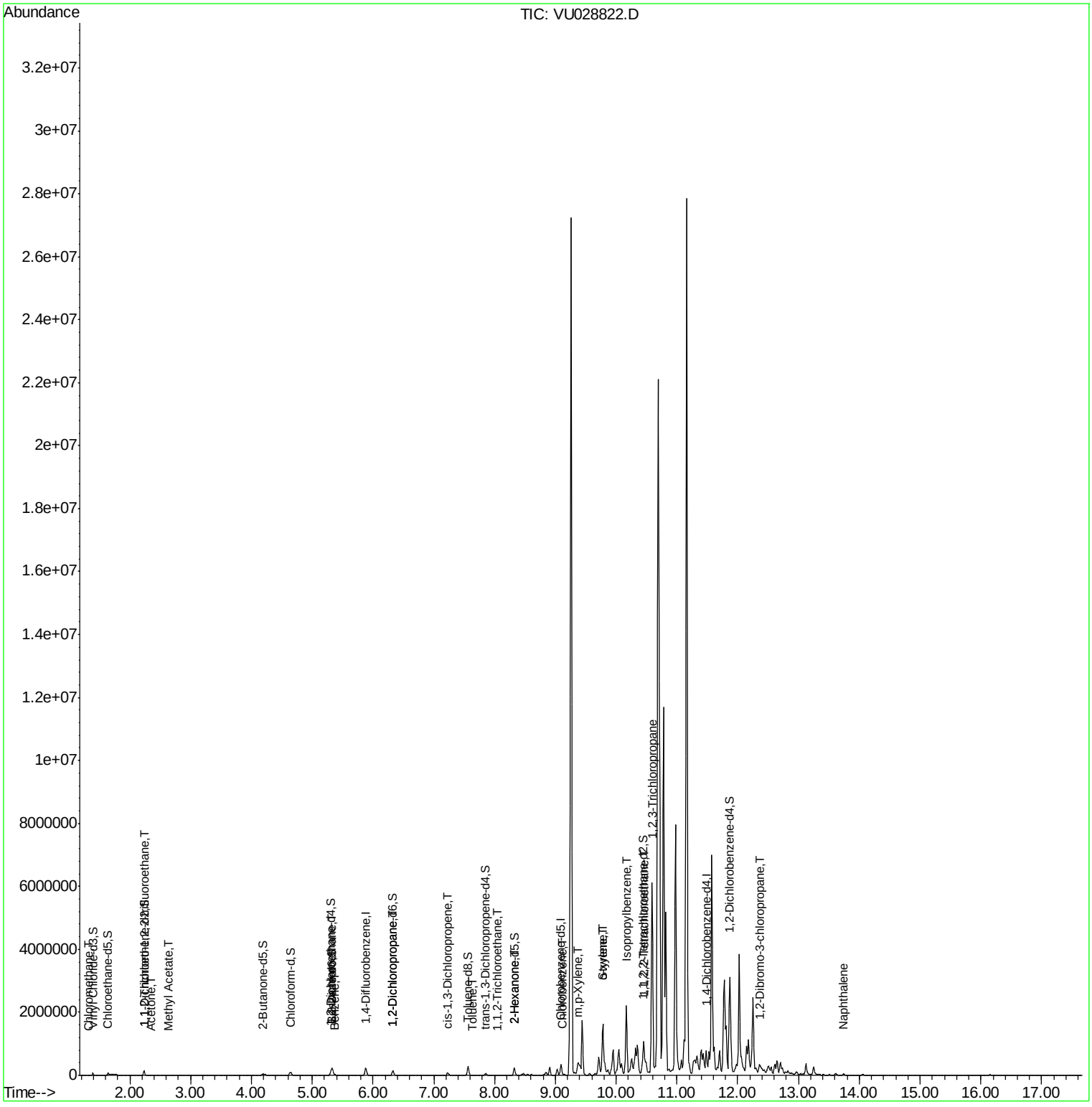
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

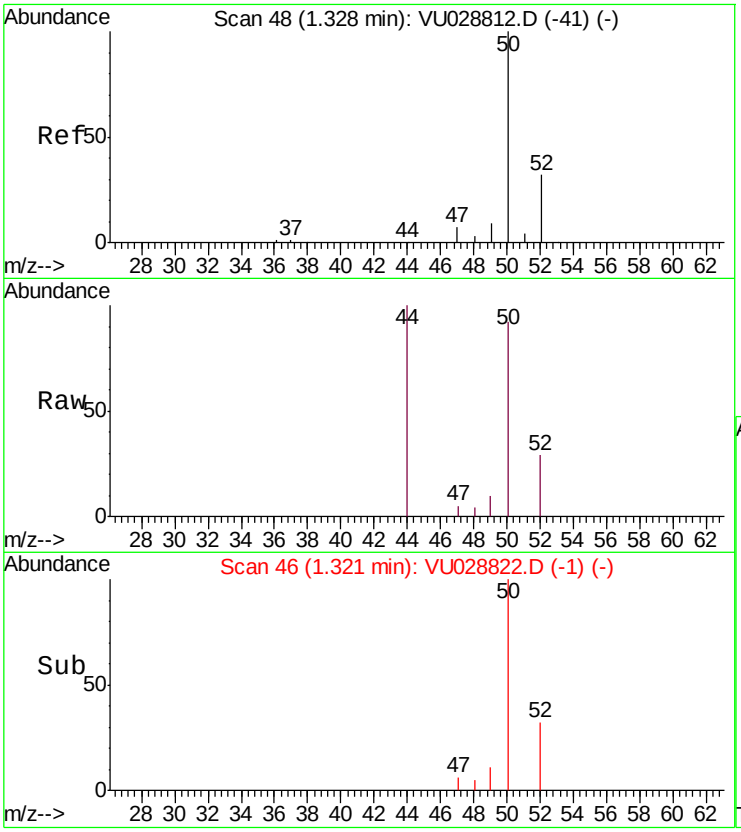
Quantitation Report (Not Reviewed)

Data File : VU028822.D
Acq On : 20 Dec 2018 14:17
Operator : MD/SY
Sample : J6441-11
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF024

Quant Time: Dec 21 03:56:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration



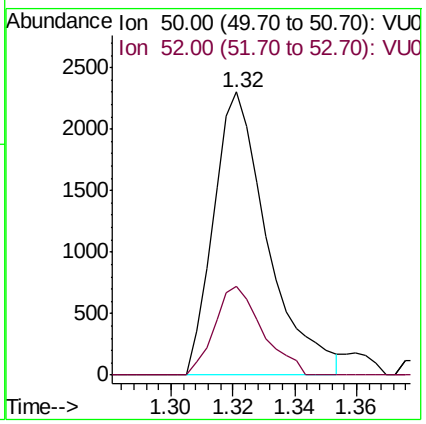


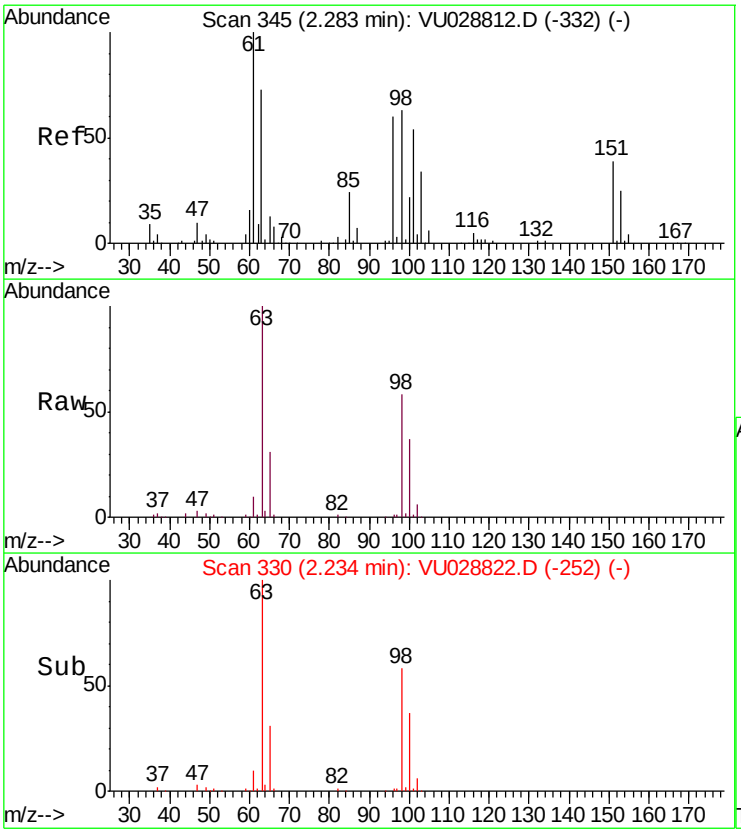
#3
Chloromethane
Concen: 1.237 ug/L
RT: 1.32 min Scan# 46
Delta R.T. -0.01 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Instrument :
MSVOA_U
ClientSampleId :
BF024

Tgt Ion: 50 Resp: 2795

Ion	Ratio	Lower	Upper
50	100		
52	31.6	22.3	41.3

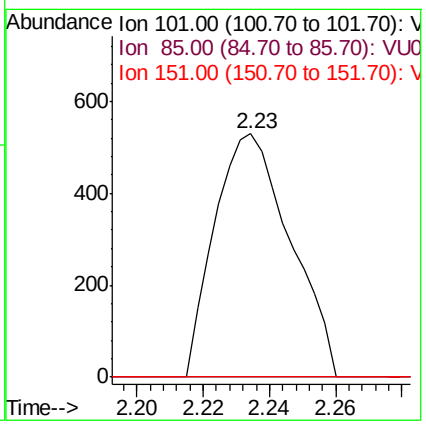


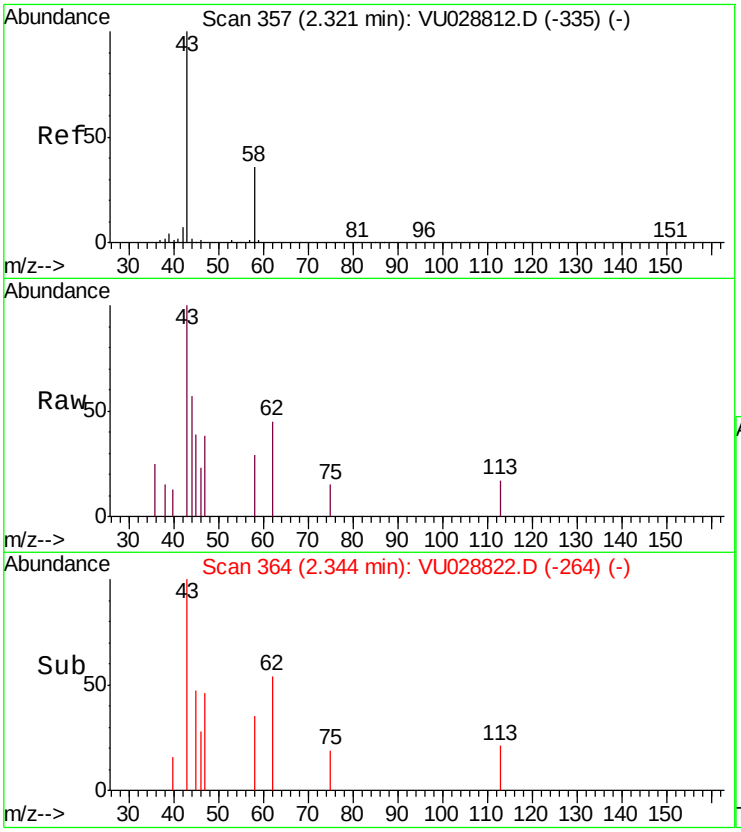


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.636 ug/L
RT: 2.23 min Scan# 330
Delta R.T. -0.05 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Tgt Ion:101 Resp: 840

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	59.4	89.0#



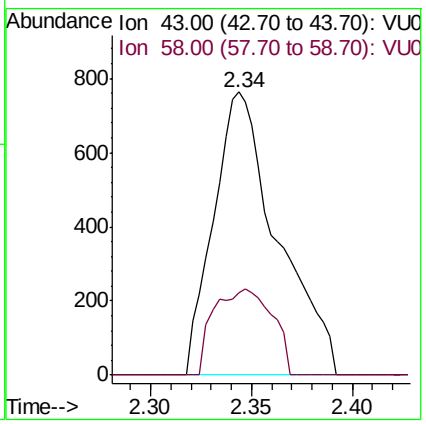


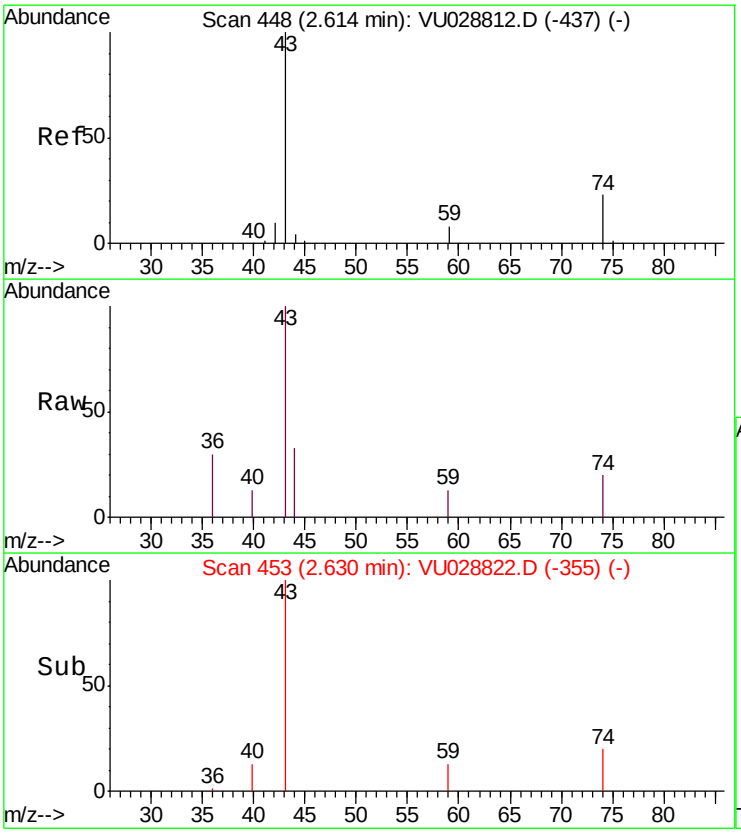
#13
Acetone
Concen: 1.440 ug/L
RT: 2.34 min Scan# 364
Delta R.T. 0.02 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Instrument : MSVOA_U
ClientSampleId : BF024

Tgt Ion: 43 Resp: 1680

Ion	Ratio	Lower	Upper
43	100		
58	8.3	0.0	70.2

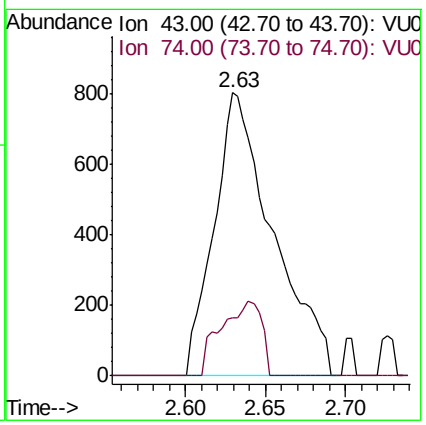


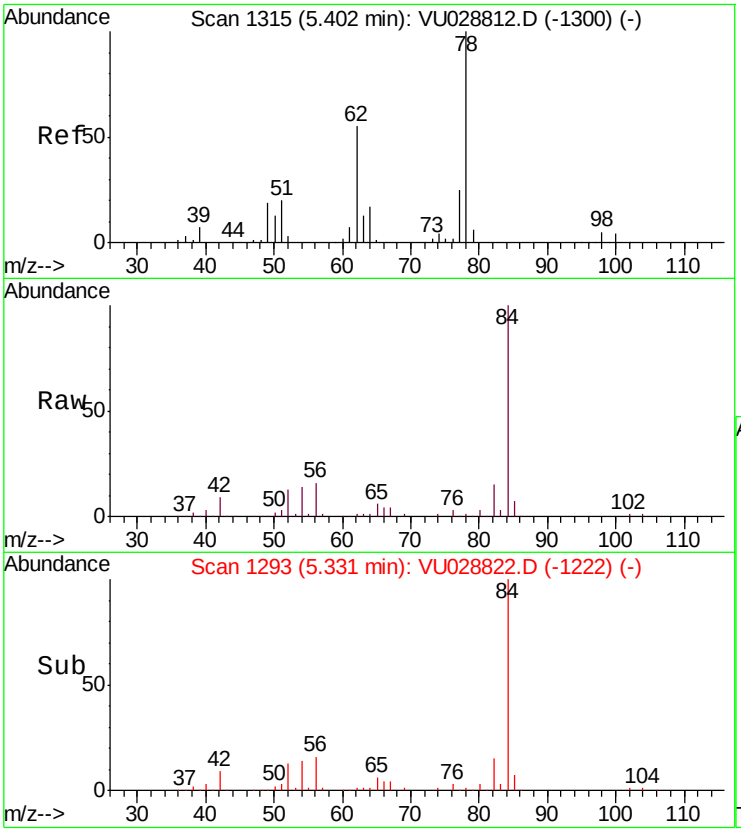


#15
Methyl Acetate
Concen: 1.116 ug/L
RT: 2.63 min Scan# 453
Delta R.T. 0.02 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Tgt Ion: 43 Resp: 2030

Ion	Ratio	Lower	Upper
43	100		
74	8.7	19.0	28.4#



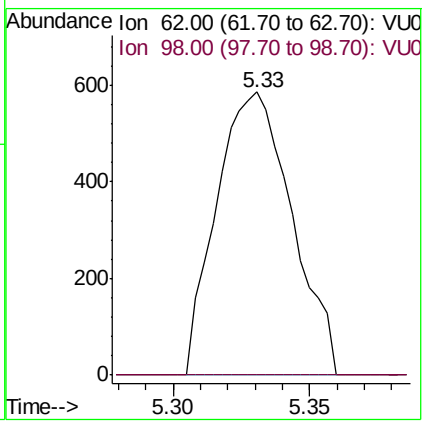


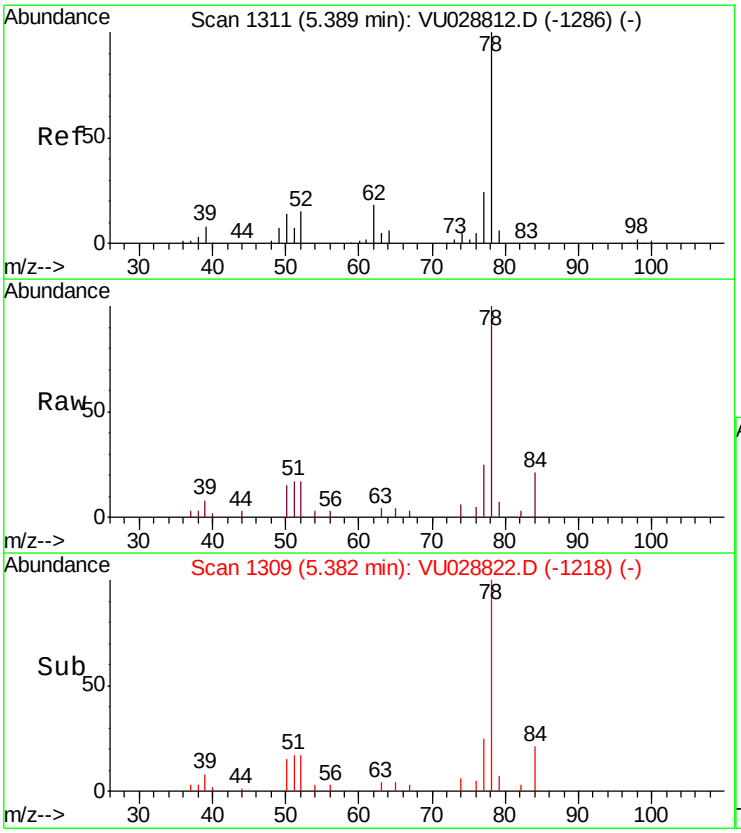
#27
1,2-Dichloroethane
Concen: 0.576 ug/L
RT: 5.33 min Scan# 1293
Delta R.T. -0.07 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Instrument :
MSVOA_U
ClientSampleId :
BF024

Tgt Ion: 62 Resp: 1121

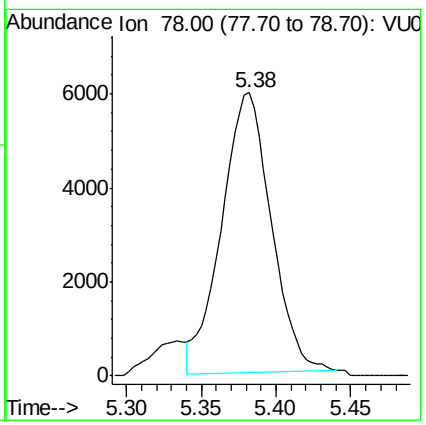
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

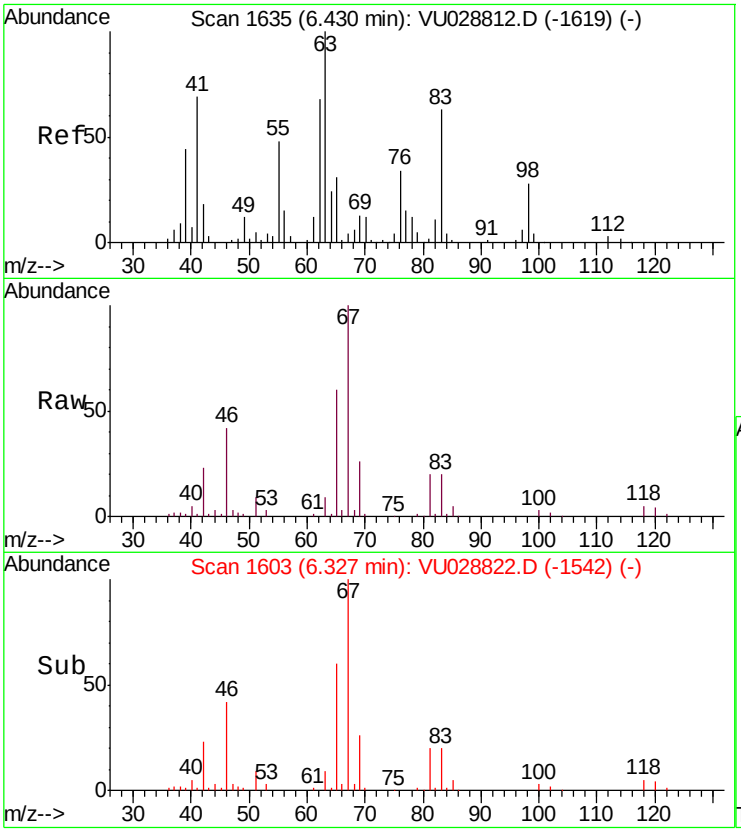




#33
Benzene
Concen: 2.057 ug/L
RT: 5.38 min Scan# 1309
Delta R.T. -0.01 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Tgt Ion: 78 Resp: 13739



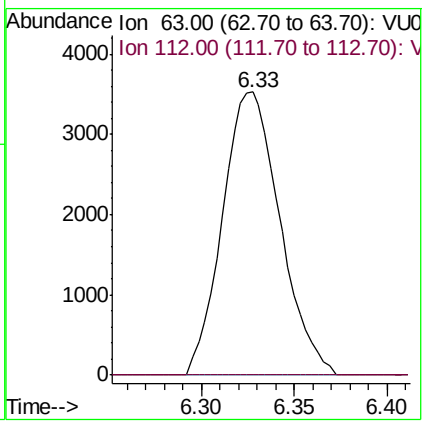


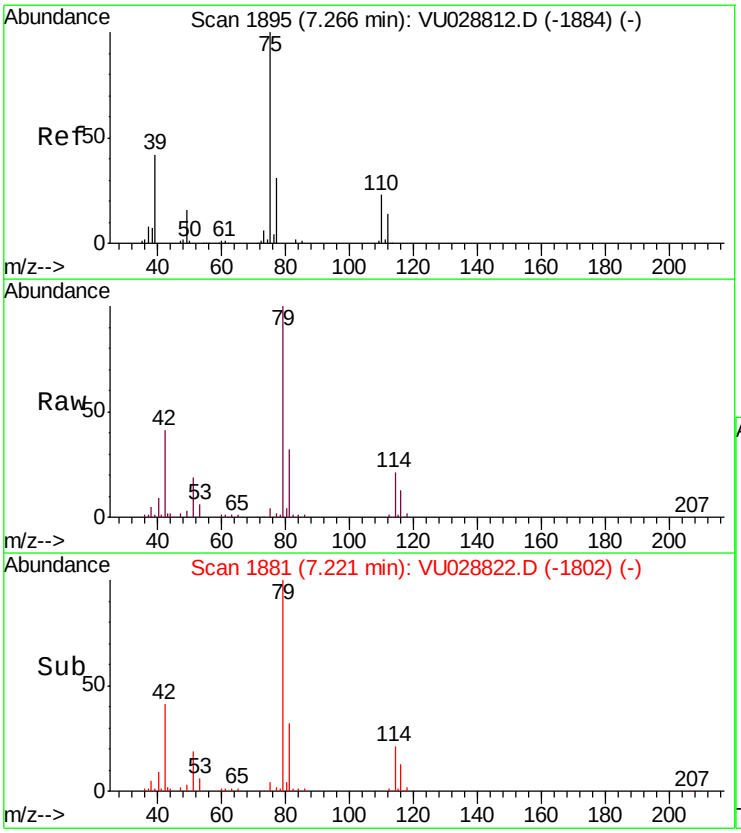
#37
1,2-Dichloropropane
Concen: 4.071 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Instrument :
MSVOA_U
ClientSampleId :
BF024

Tgt Ion: 63 Resp: 7603

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

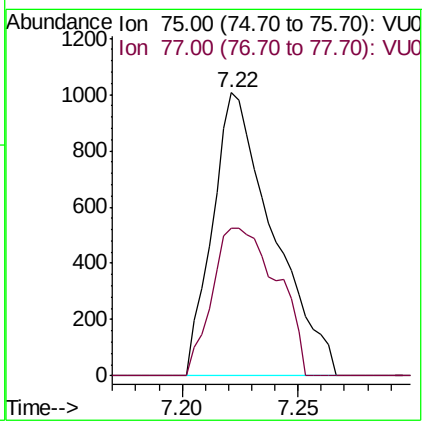


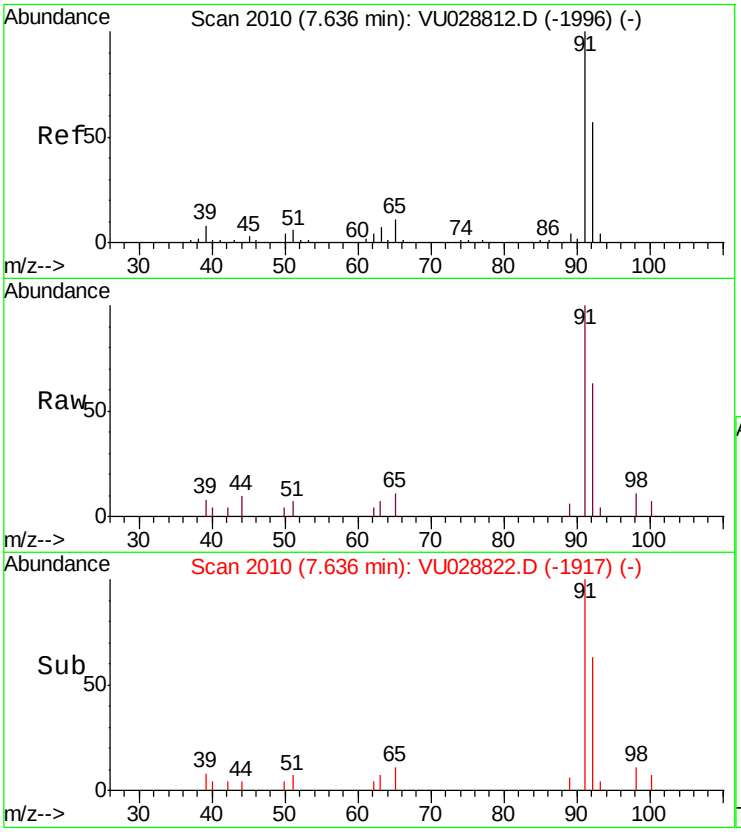


#39
cis-1,3-Dichloropropene
Concen: 0.686 ug/L
RT: 7.22 min Scan# 1881
Delta R.T. -0.05 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Tgt Ion: 75 Resp: 1825

Ion	Ratio	Lower	Upper
75	100		
77	52.2	21.8	40.6#



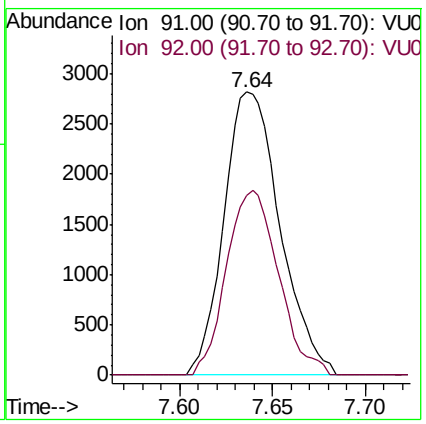


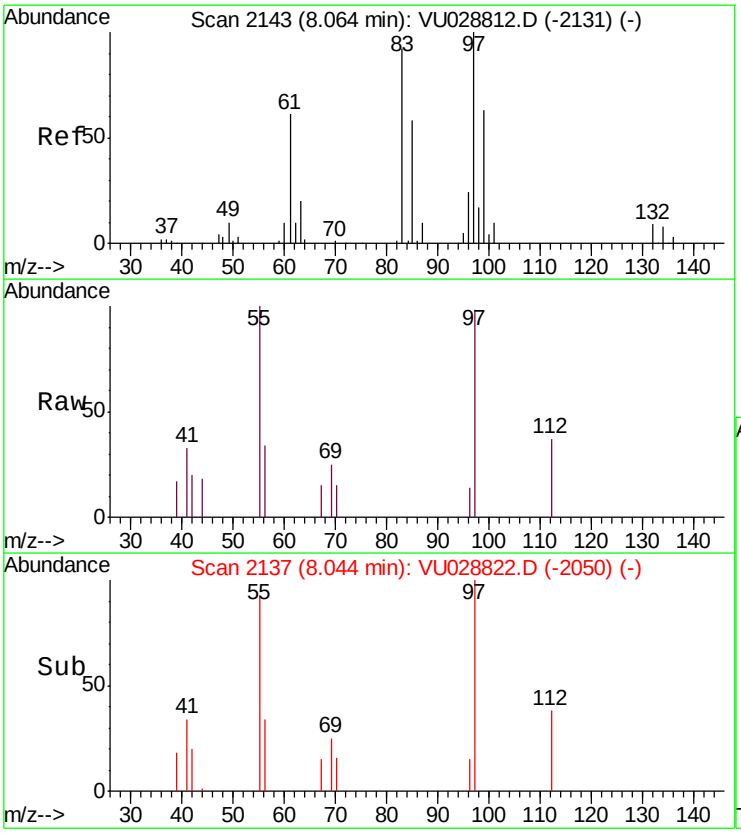
#42
Toluene
Concen: 0.876 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Instrument : MSVOA_U
ClientSampleId : BF024

Tgt Ion: 91 Resp: 5929

Ion	Ratio	Lower	Upper
91	100		
92	63.4	39.9	74.1

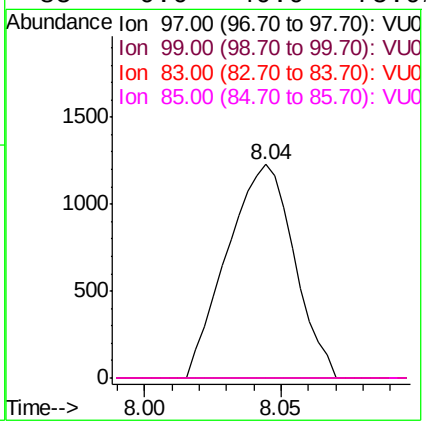


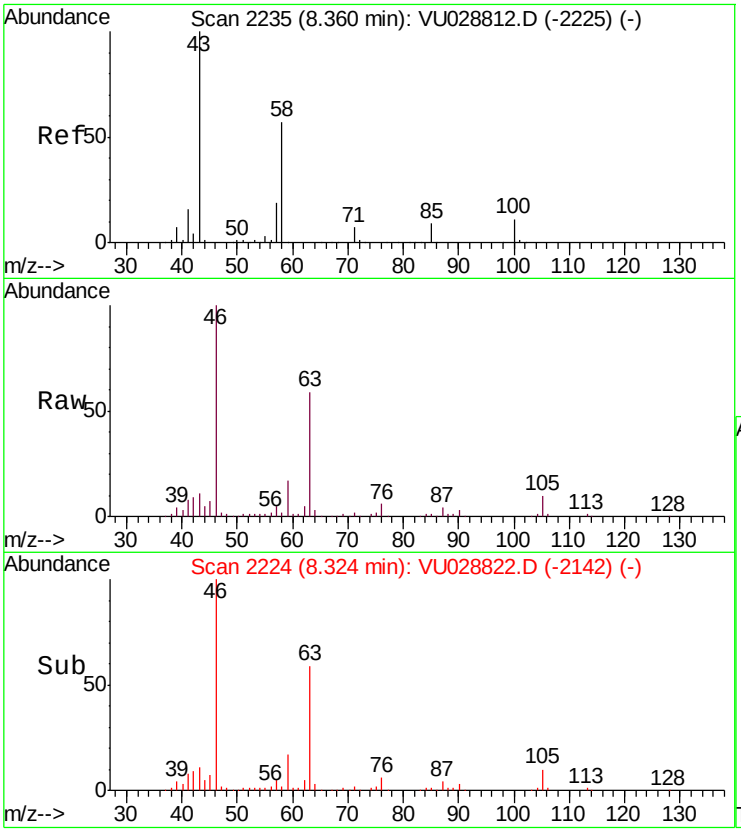


#45
1,1,2-Trichloroethane
Concen: 1.308 ug/L
RT: 8.04 min Scan# 2137
Delta R.T. -0.02 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Tgt Ion: 97 Resp: 2088

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.2	82.2#
83	0.0	64.5	119.9#
85	0.0	40.9	75.9#



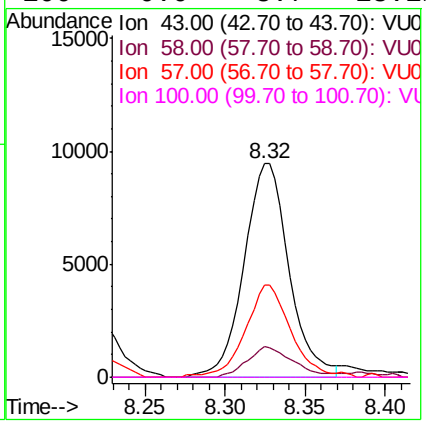


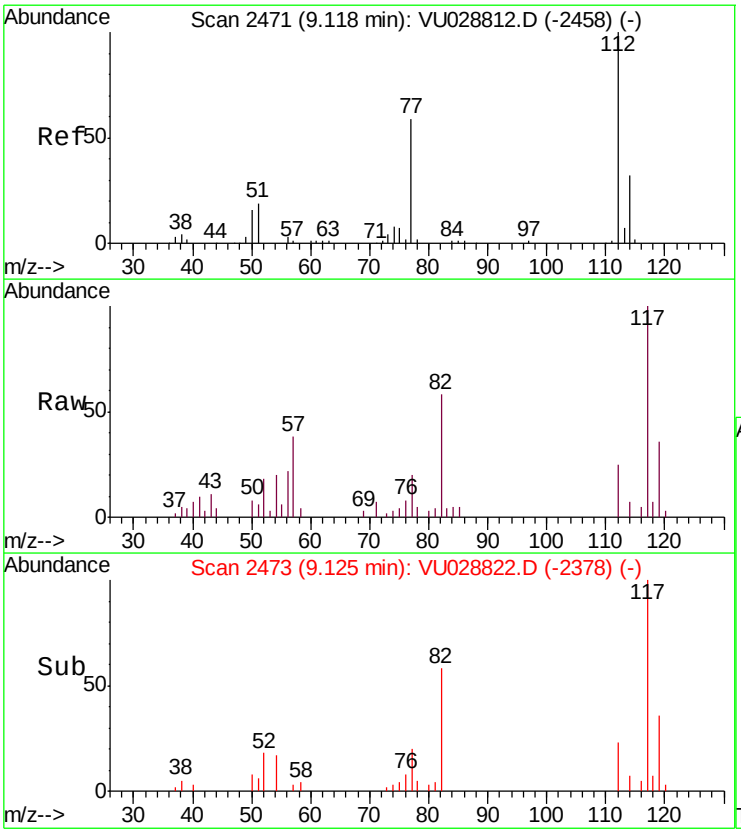
#48
2-Hexanone
Concen: 8.878 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Instrument : MSVOA_U
ClientSampleId : BF024

Tgt Ion: 43 Resp: 18289

Ion	Ratio	Lower	Upper
43	100		
58	14.3	45.9	68.9#
57	42.6	15.0	22.4#
100	0.0	8.7	13.1#

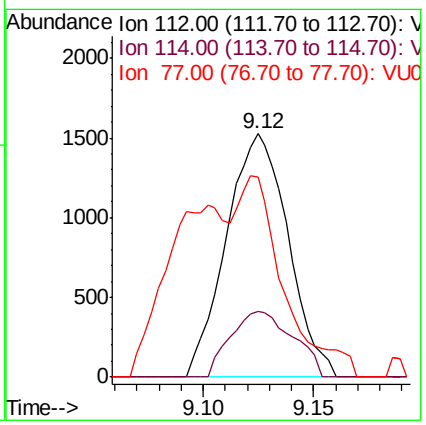


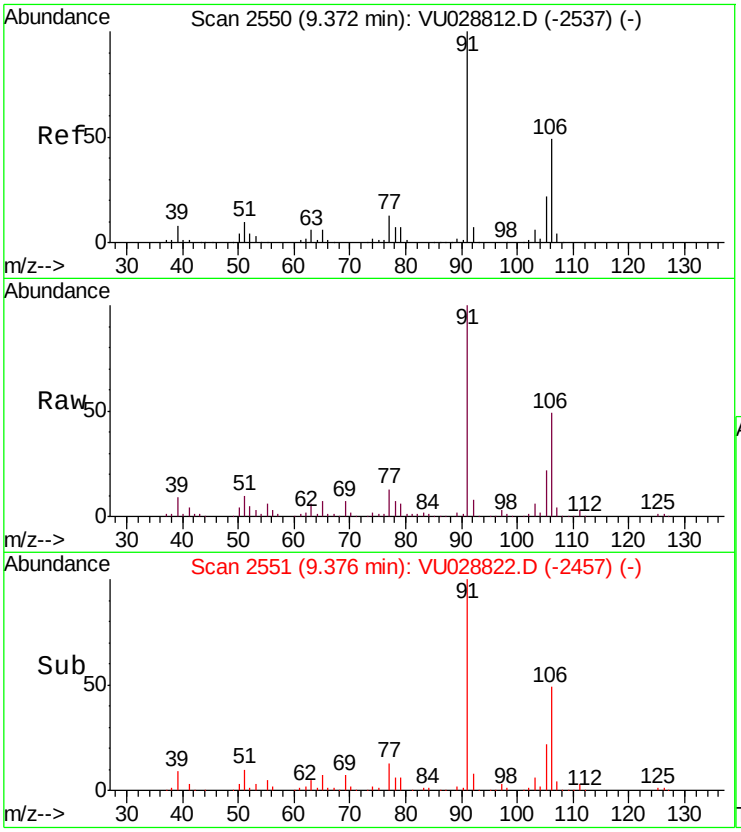


#51
Chlorobenzene
Concen: 0.697 ug/L
RT: 9.12 min Scan# 2473
Delta R.T. 0.01 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Tgt Ion:112 Resp: 2976

Ion	Ratio	Lower	Upper
112	100		
114	27.2	22.2	41.2
77	82.2	47.8	71.8#



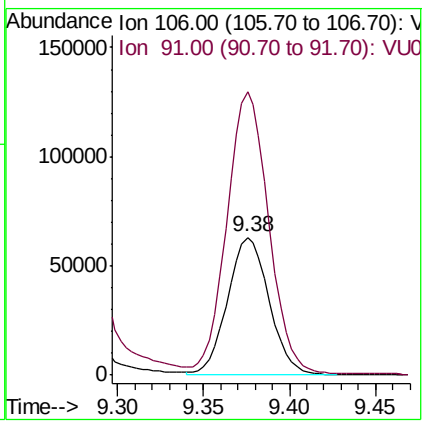


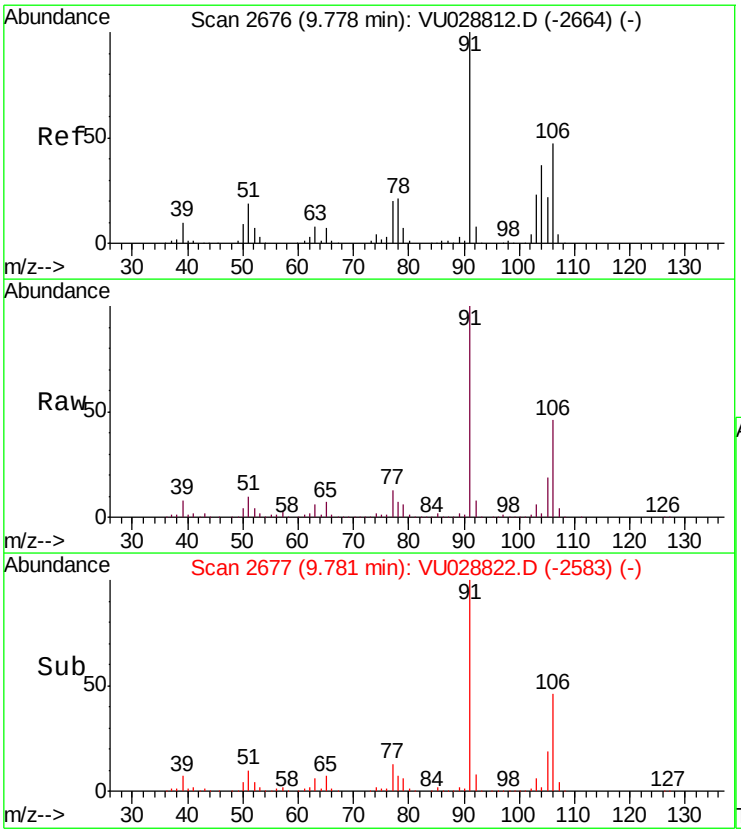
#53
m,p-Xylene
Concen: 39.101 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Instrument : MSVOA_U
ClientSampleId : BF024

Tgt Ion:106 Resp: 105208

Ion	Ratio	Lower	Upper
106	100		
91	205.6	144.1	267.5

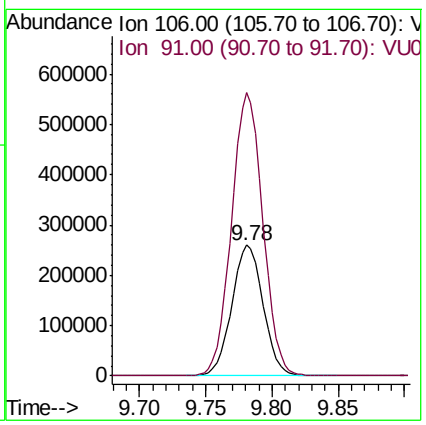


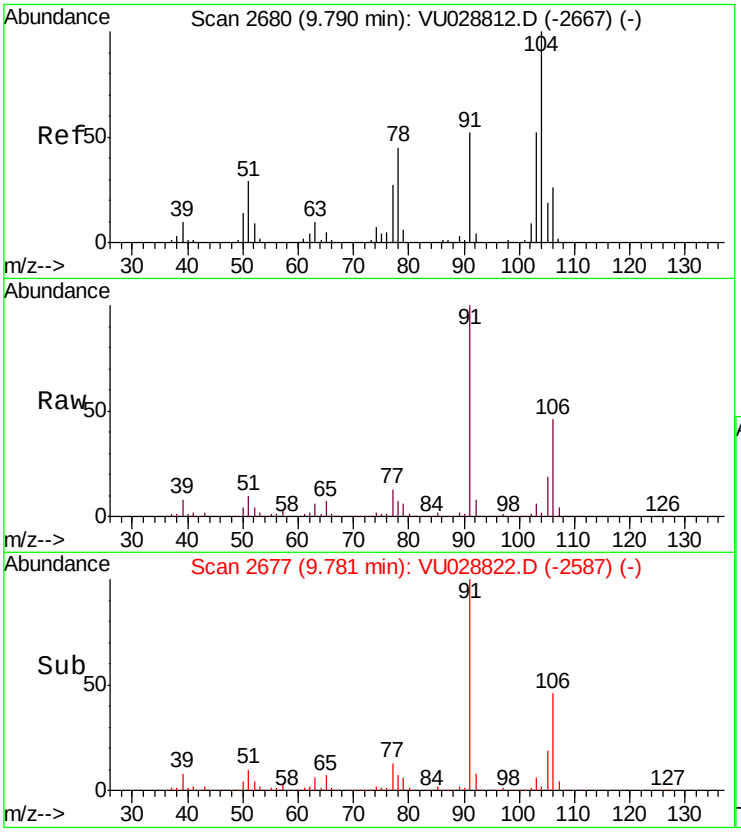


#54
o-xylene
Concen: 157.417 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Tgt Ion:106 Resp: 424519

Ion	Ratio	Lower	Upper
106	100		
91	216.9	150.4	279.4



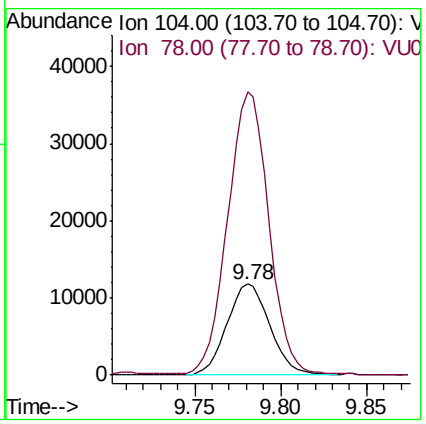


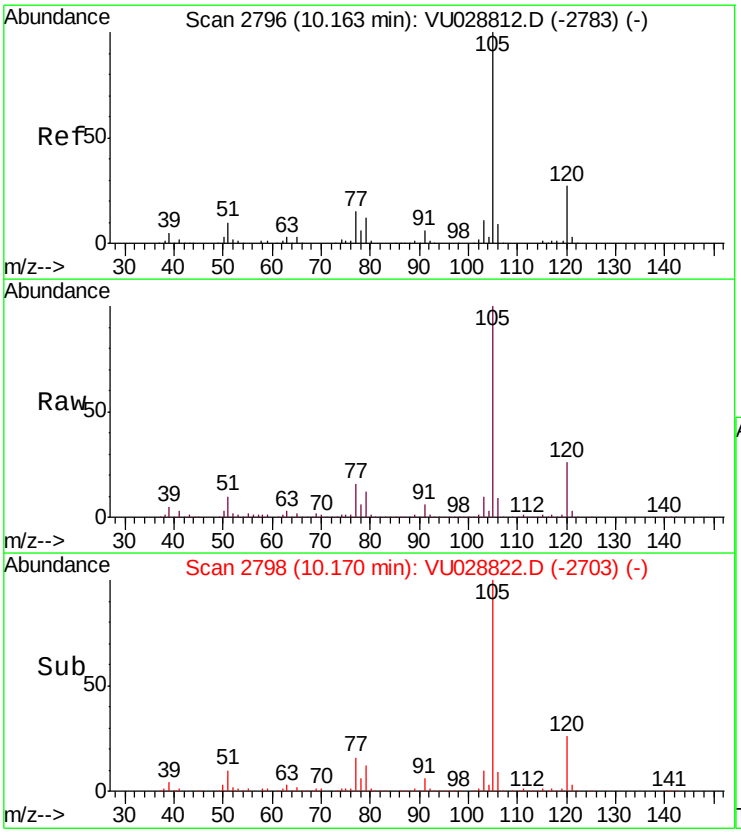
#55
Styrene
Concen: 4.502 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Instrument : MSVOA_U
ClientSampleId : BF024

Tgt Ion:104 Resp: 20562

Ion	Ratio	Lower	Upper
104	100		
78	310.1	31.3	58.1#

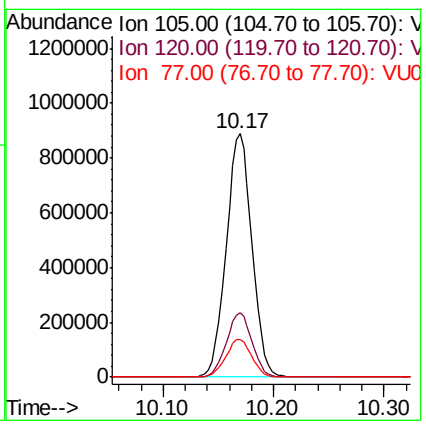


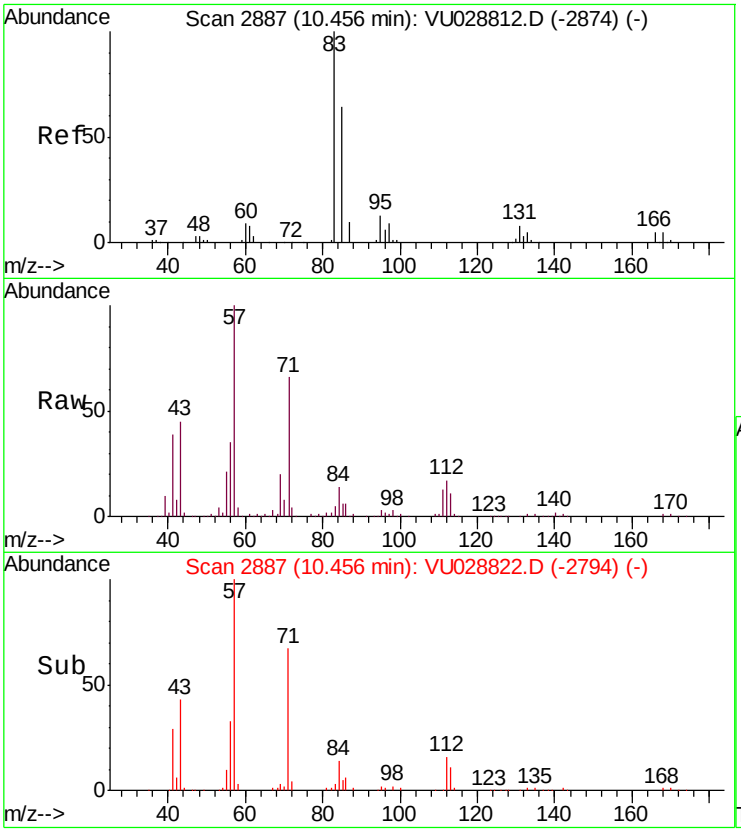


#56
Isopropylbenzene
Concen: 209.071 ug/L
RT: 10.17 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Tgt Ion:105 Resp: 1430287

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.4	32.2
77	15.6	12.3	18.5



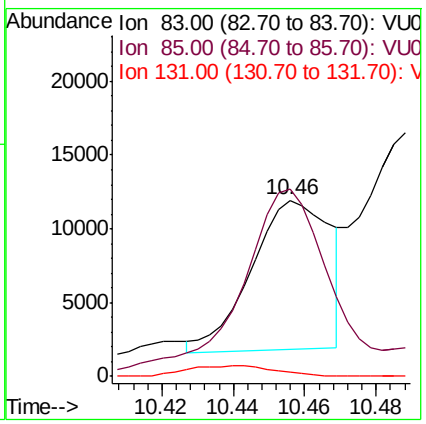


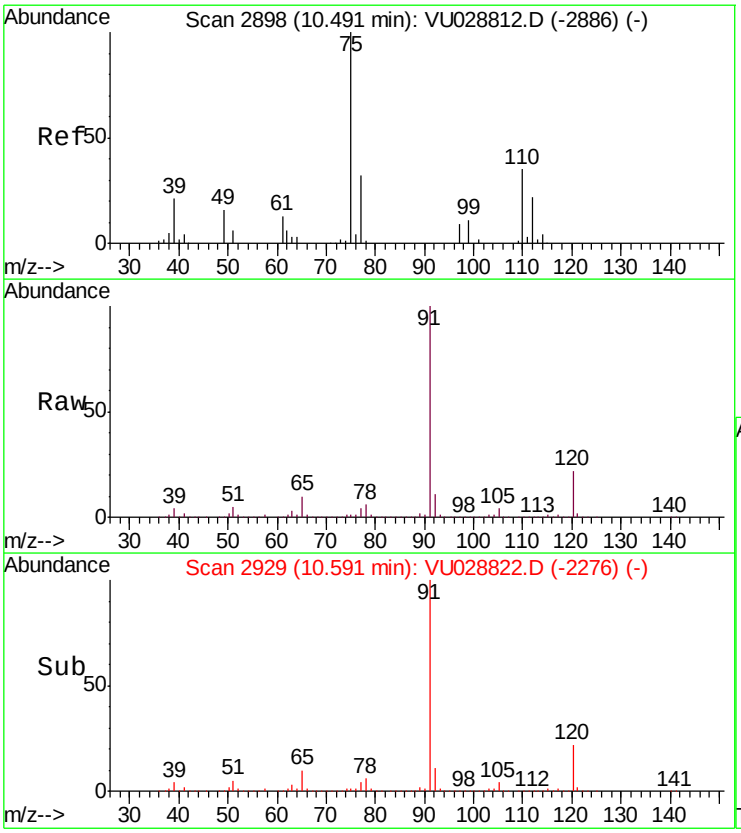
#58
1,1,2,2-Tetrachloroethane
Concen: 5.359 ug/L
RT: 10.46 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Instrument : MSVOA_U
ClientSampleId : BF024

Tgt Ion: 83 Resp: 15544

Ion	Ratio	Lower	Upper
83	100		
85	106.3	45.3	84.1#
131	2.1	6.7	10.1#

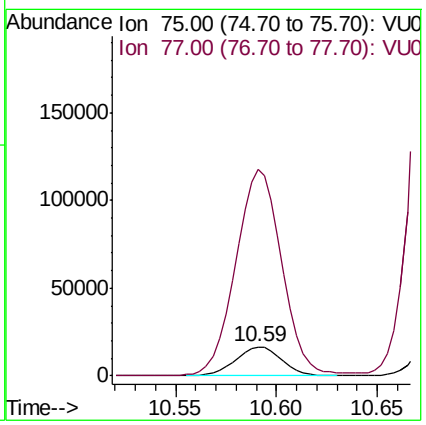


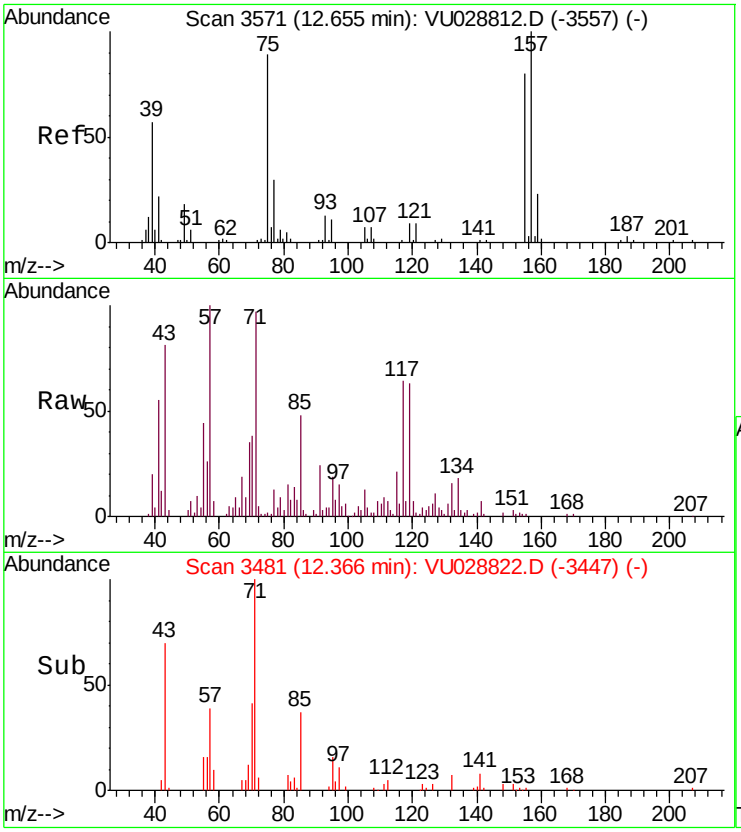


#59
1,2,3-Trichloropropane
Concen: 11.911 ug/L
RT: 10.59 min Scan# 2929
Delta R.T. 0.10 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Tgt Ion: 75 Resp: 26544

Ion	Ratio	Lower	Upper
75	100		
77	706.7	25.5	38.3#



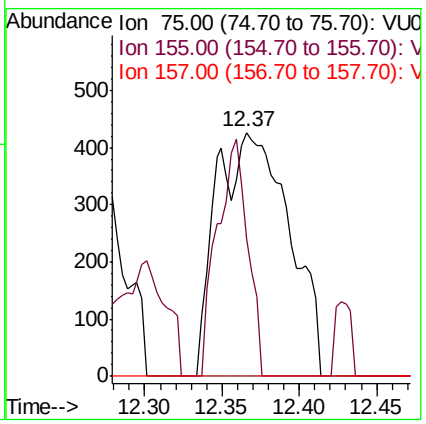


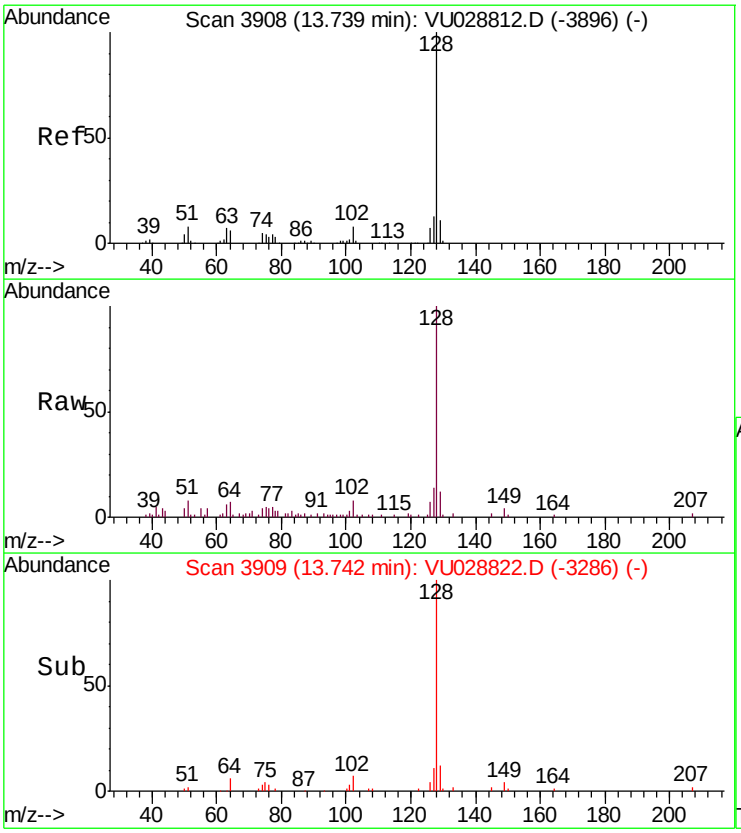
#66
1,2-Dibromo-3-chloropropane
Concen: 2.117 ug/L
RT: 12.37 min Scan# 3481
Delta R.T. -0.29 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Instrument : MSVOA_U
ClientSampleId : BF024

Tgt Ion: 75 Resp: 1398

Ion	Ratio	Lower	Upper
75	100		
155	56.3	71.4	107.2#
157	0.0	89.6	134.4#





#69
Naphthalene
Concen: 3.639 ug/L
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028822.D
Acq: 20 Dec 2018 14:17

Tgt Ion:128 Resp: 28625

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.3	8.7	13.1