Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022519\

Quantitation Report (Not Reviewed)

Data File : VU029650.D
Acq On : 25 Feb 2019 11:35
Operator : JC/SP
Sample : K1581-19DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB629DL

Quant Time: Feb 26 00:15:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489030	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	471933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	239680	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	153600	42.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.72%			
7) Chloroethane-d5	1.68	69	136507	42.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.70%			
11) 1,1-Dichloroethene-d2	2.27	63	213605	30.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.00%			
21) 2-Butanone-d5	4.17	46	218537	100.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.21%			
24) Chloroform-d	4.65	84	271193	46.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.32%			
26) 1,2-Dichloroethane-d4	5.31	65	175060	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.14%			
32) Benzene-d6	5.34	84	602608	50.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.50%			
36) 1,2-Dichloropropane-d6	6.33	67	183239	51.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.58%			
41) Toluene-d8	7.56	98	574761	47.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.86%			
43) trans-1,3-Dichloropropene-	7.85	79	85683	45.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.42%			
47) 2-Hexanone-d5	8.31	63	167625	84.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.25%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272506	45.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.28%			
64) 1,2-Dichlorobenzene-d4	11.86	152	244844	47.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2172	0.638	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1907	0.589	ug/L #	1
13) Acetone	2.32	43	16813	7.215	ug/L	90
25) Chloroform	4.67	83	4660	0.808	ug/L	81
27) 1,2-Dichloroethane	5.39	62	6785	1.530	ug/L #	73
29) Cyclohexane	4.99	56	44425	9.512	ug/L	97
33) Benzene	5.39	78	874154	72.246	ug/L	100
35) Methylcyclohexane	6.41	83	33495	6.188	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	5105	0.996	ug/L #	55
42) Toluene	7.64	91	68557	4.791	ug/L	98
45) 1,1,2-Trichloroethane	8.04	97	3196	0.944	ug/L #	19
52) Ethylbenzene	9.25	91	90284	5.556	ug/L	99
53) m,p-Xylene	9.37	106	48917	7.499	ug/L	97
56) Isopropylbenzene	10.16	105	27497	1.604	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	24607	5.434	ug/L	95
69) Naphthalene	13.75	128	8035	0.518	ug/L #	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022519\

Quantitation Report (Not Reviewed)

Data File : VU029650.D
Acq On : 25 Feb 2019 11:35
Operator : JC/SP
Sample : K1581-19DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB629DL

Quant Time: Feb 26 00:15:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

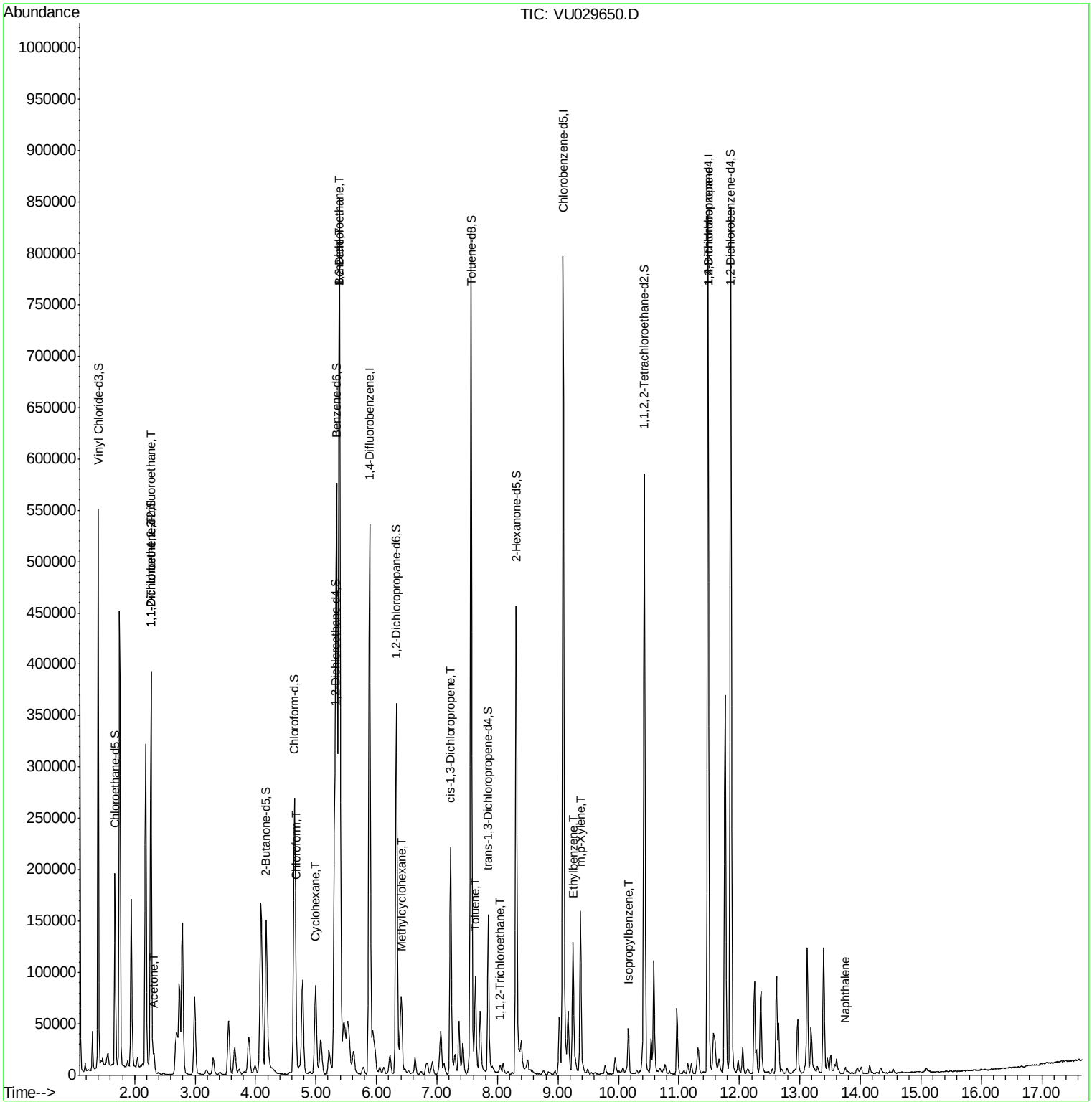
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022519\

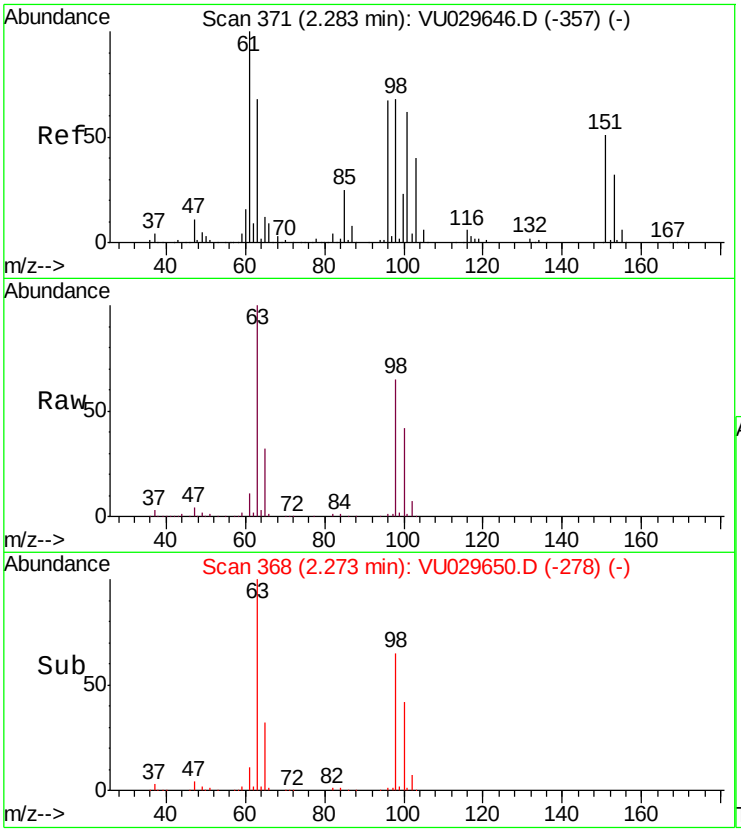
Quantitation Report (Not Reviewed)

Data File : VU029650.D
Acq On : 25 Feb 2019 11:35
Operator : JC/SP
Sample : K1581-19DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB629DL

Quant Time: Feb 26 00:15:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration



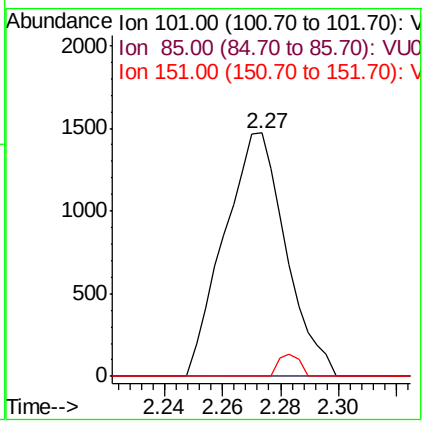


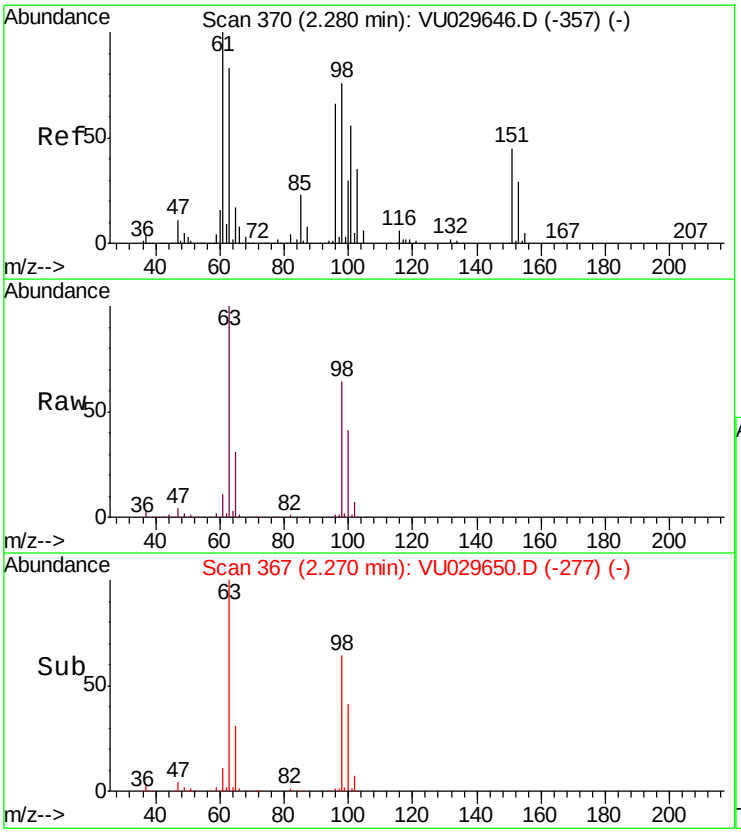
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.638 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Instrument : MSVOA_U
ClientSampleId : DB629DL

Tgt Ion:101 Resp: 2172

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	3.0	65.7	98.5#

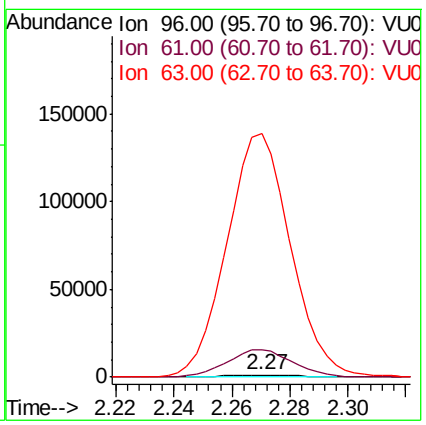


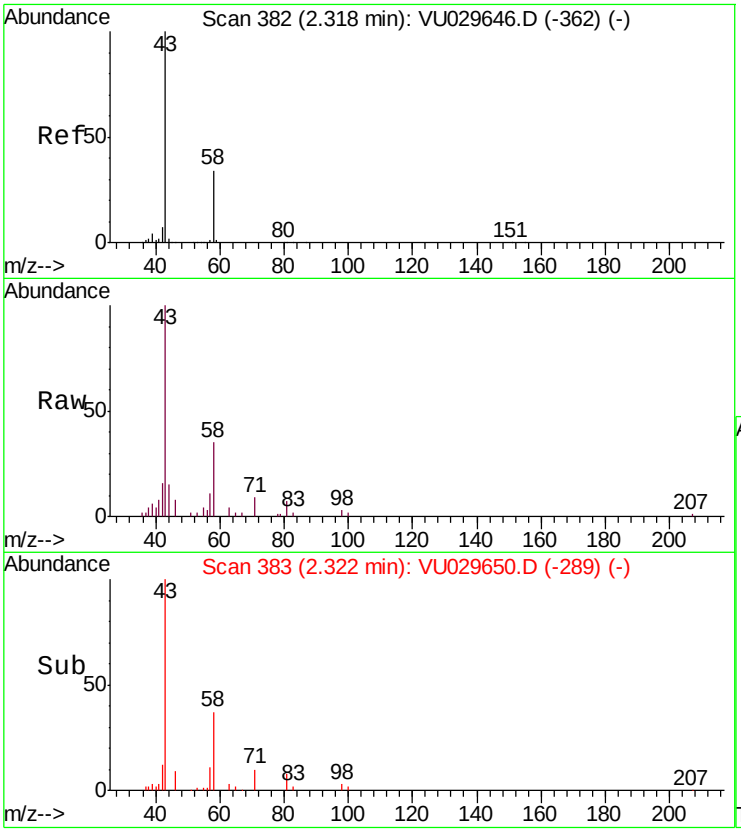


#12
1,1-Dichloroethene
Concen: 0.589 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 96 Resp: 1907

Ion	Ratio	Lower	Upper
96	100		
61	1343.0	114.0	211.8#
63	11734.2	98.7	183.3#



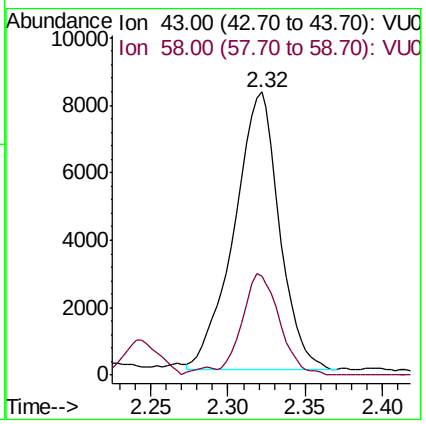


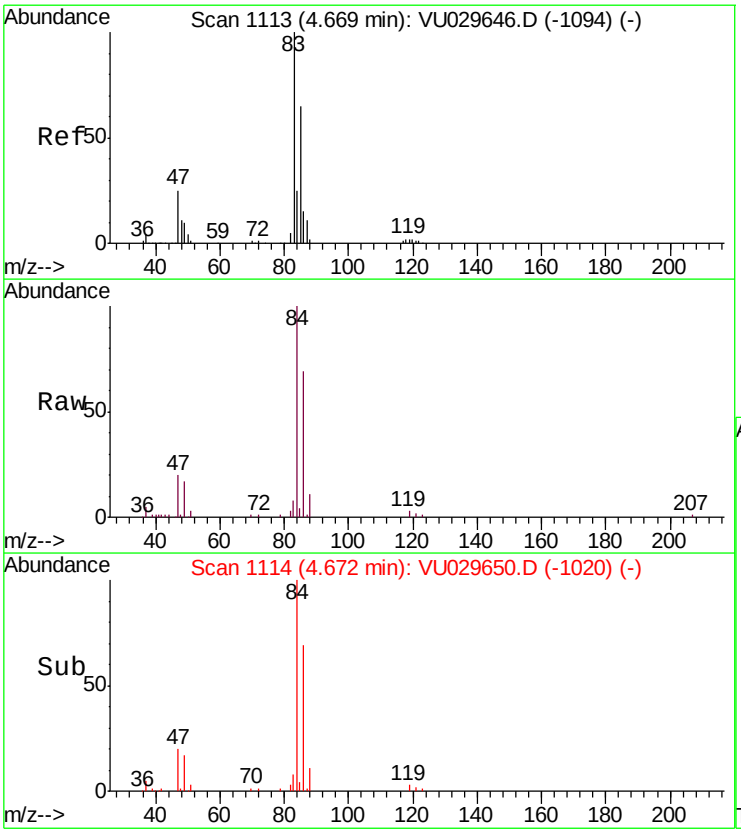
#13
Acetone
Concen: 7.215 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Instrument :
MSVOA_U
ClientSampleId :
DB629DL

Tgt Ion: 43 Resp: 16813

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	66.8

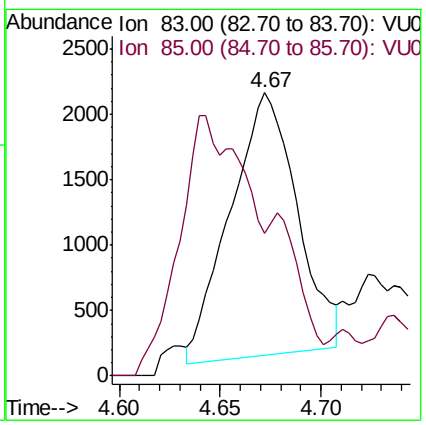


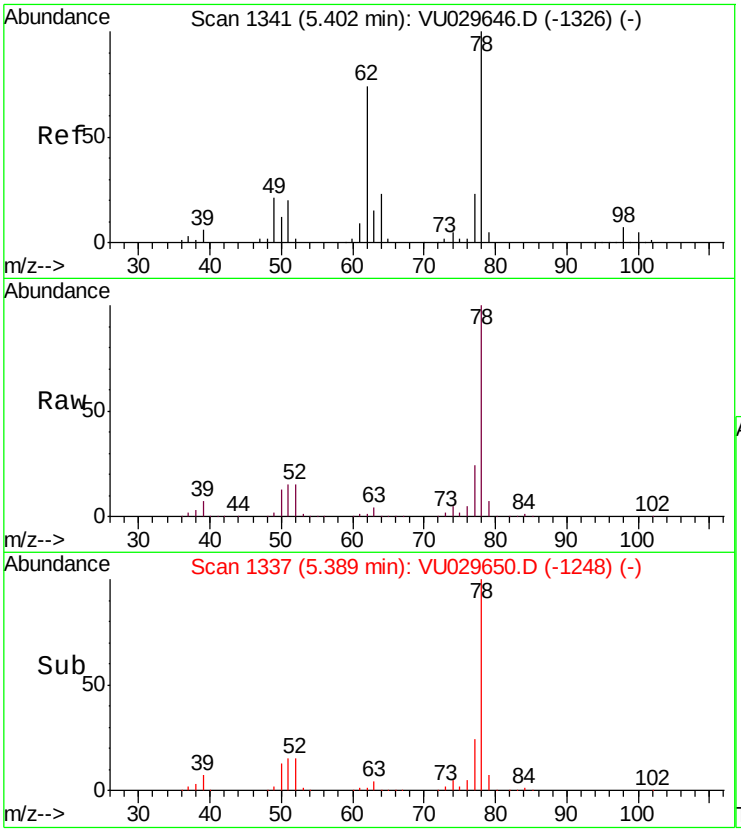


#25
Chloroform
Concen: 0.808 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 83 Resp: 4660

Ion	Ratio	Lower	Upper
83	100		
85	50.2	45.4	84.2



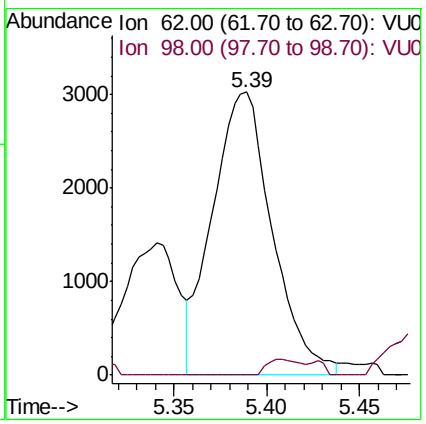


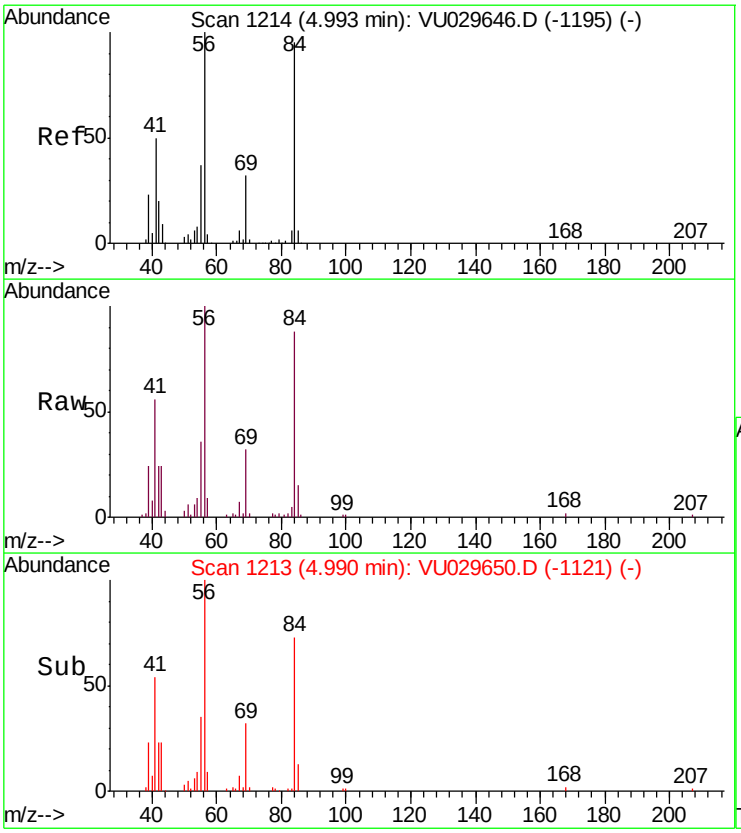
#27
1,2-Dichloroethane
Concen: 1.530 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. -0.01 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Instrument :
MSVOA_U
ClientSampleId :
DB629DL

Tgt Ion: 62 Resp: 6785

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

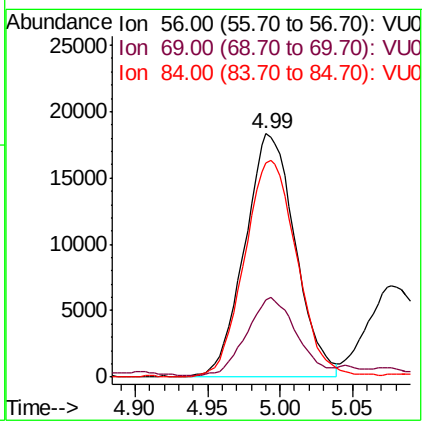


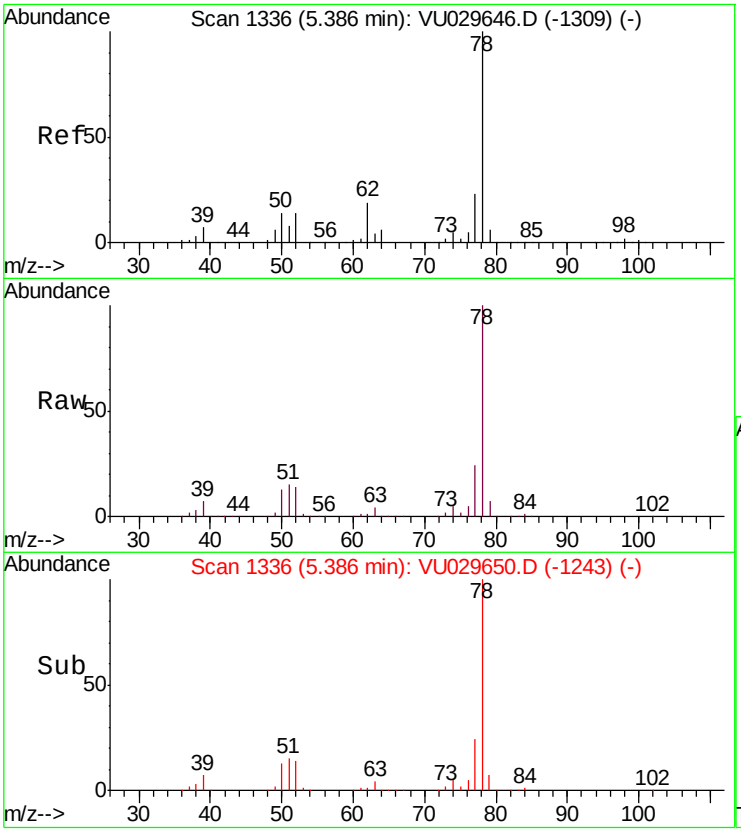


#29
Cyclohexane
Concen: 9.512 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 56 Resp: 44425

Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.7	38.5
84	92.4	77.1	115.7

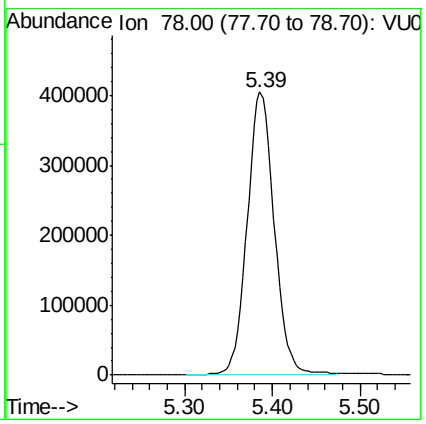


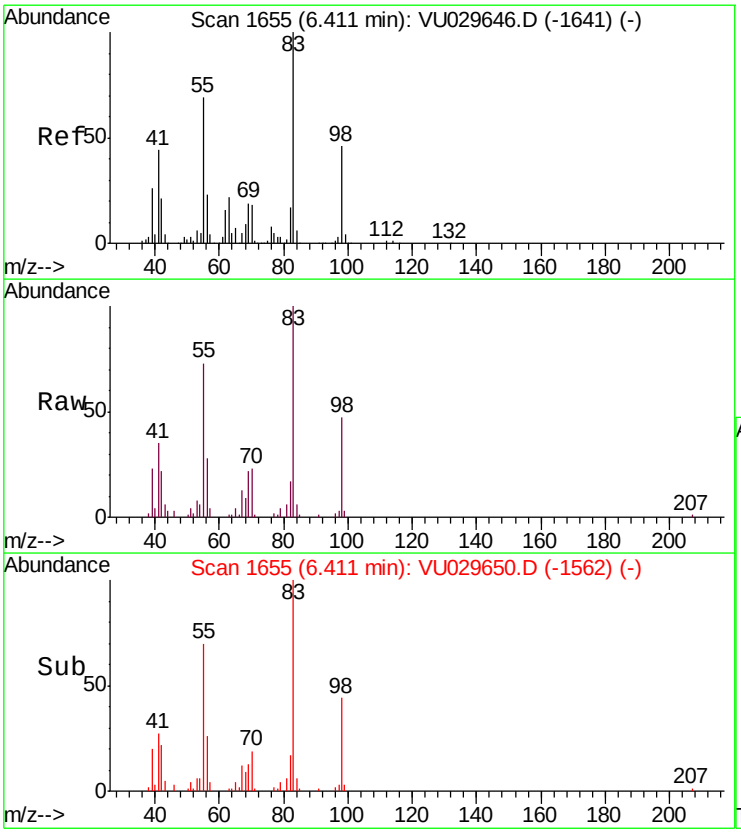


#33
Benzene
Concen: 72.246 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Instrument :
MSVOA_U
ClientSampleId :
DB629DL

Tgt Ion: 78 Resp: 874154

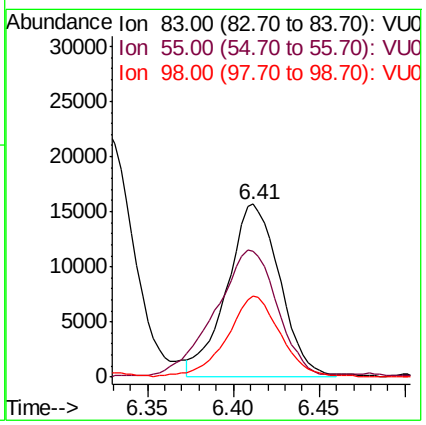


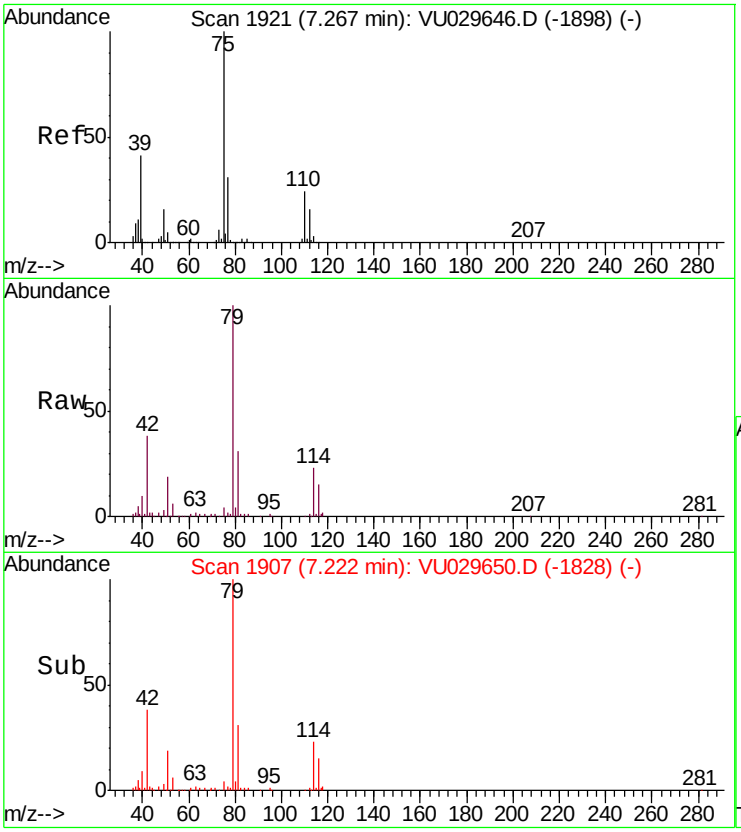


#35
Methylcyclohexane
Concen: 6.188 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 83 Resp: 33495

Ion	Ratio	Lower	Upper
83	100		
55	85.2	55.2	82.8#
98	47.0	39.4	59.2



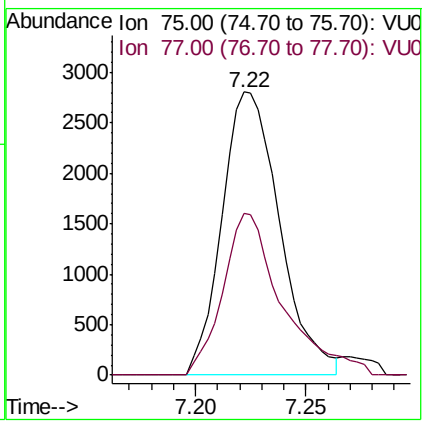


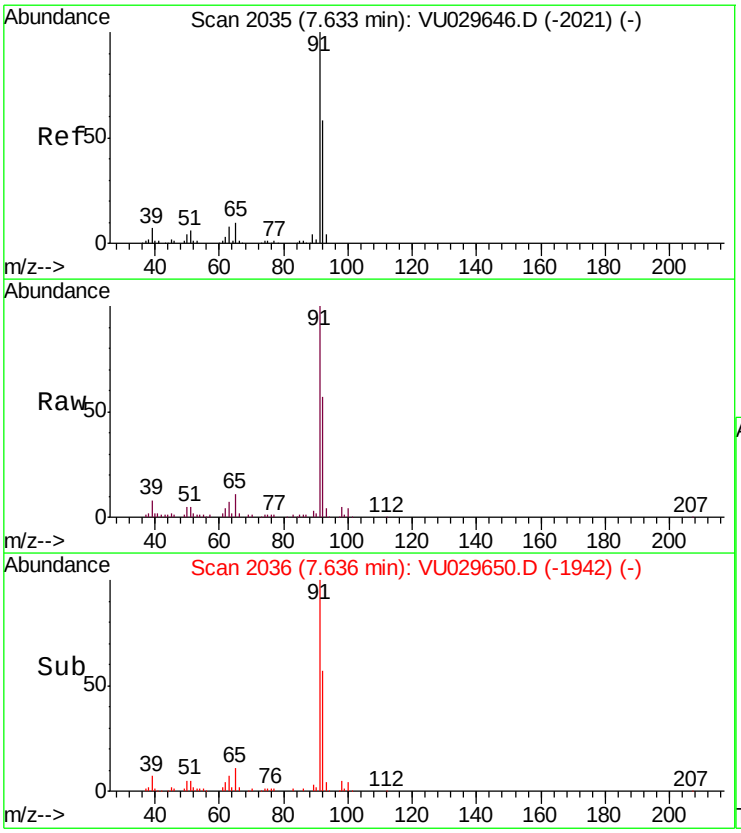
#39
cis-1,3-Dichloropropene
Concen: 0.996 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Instrument :
MSVOA_U
ClientSampleId :
DB629DL

Tgt Ion: 75 Resp: 5105

Ion	Ratio	Lower	Upper
75	100		
77	57.1	22.3	41.5#

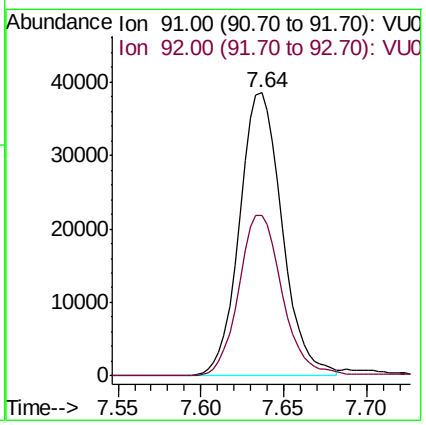


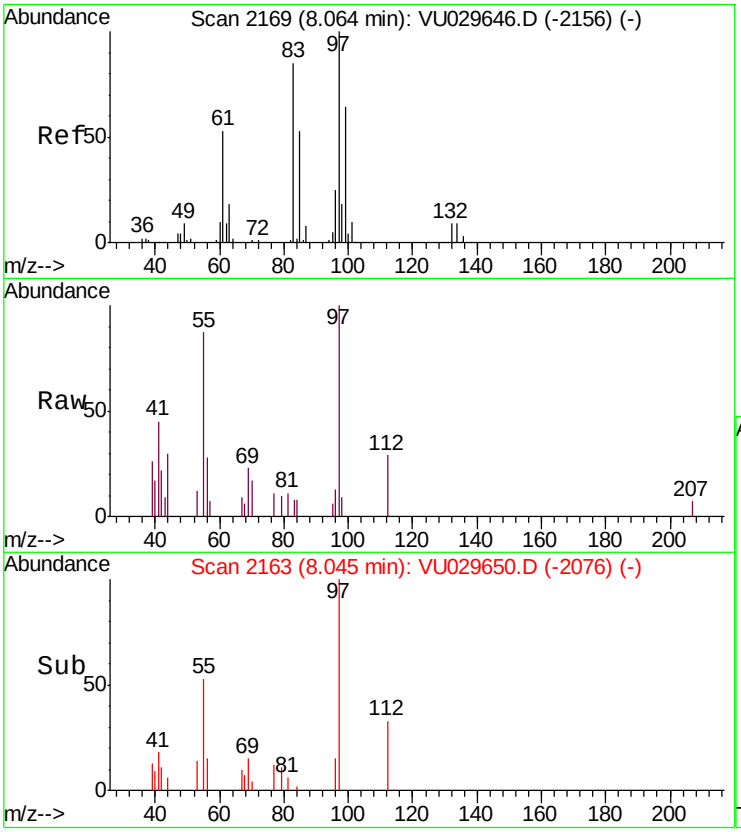


#42
Toluene
Concen: 4.791 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 91 Resp: 68557

Ion	Ratio	Lower	Upper
91	100		
92	56.8	40.8	75.8



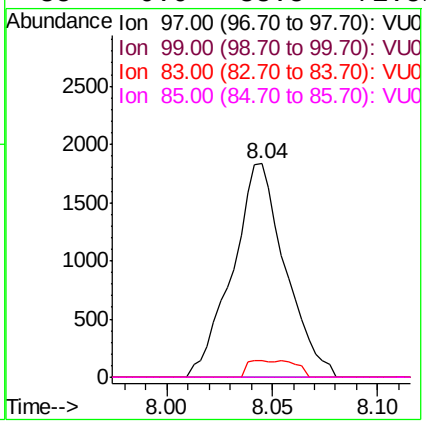


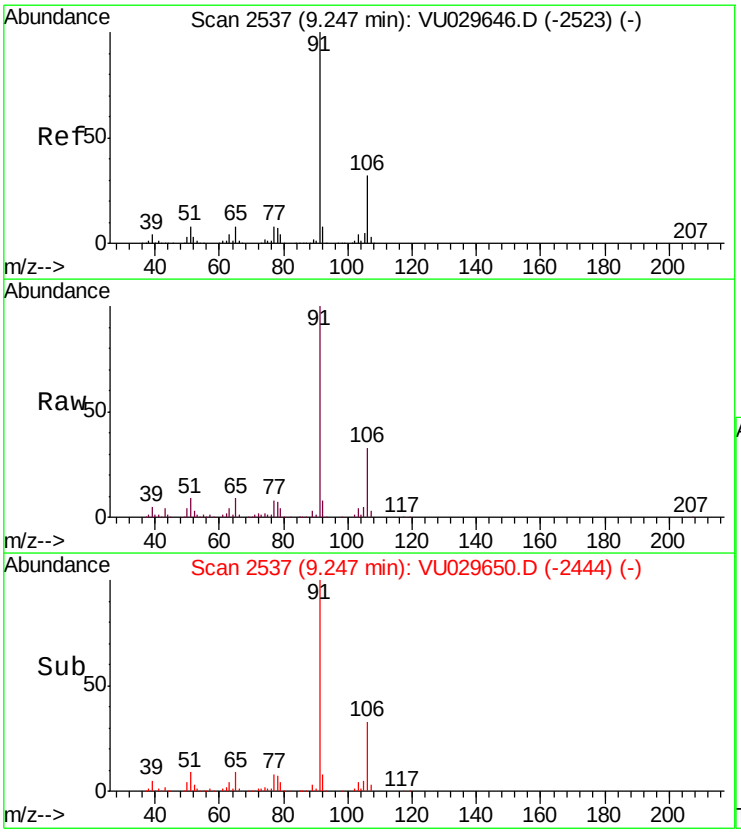
#45
1,1,2-Trichloroethane
Concen: 0.944 ug/L
RT: 8.04 min Scan# 2163
Delta R.T. -0.02 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Instrument : MSVOA_U
ClientSampleId : DB629DL

Tgt Ion: 97 Resp: 3196

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.3#
83	7.5	57.7	107.1#
85	0.0	38.5	71.5#

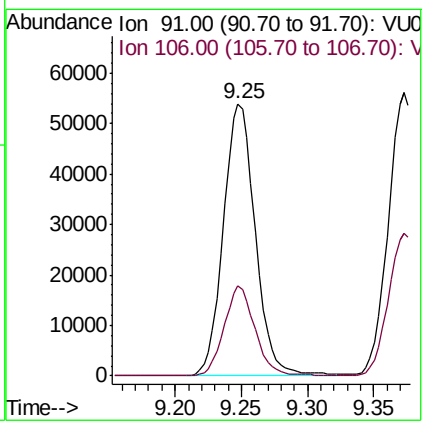


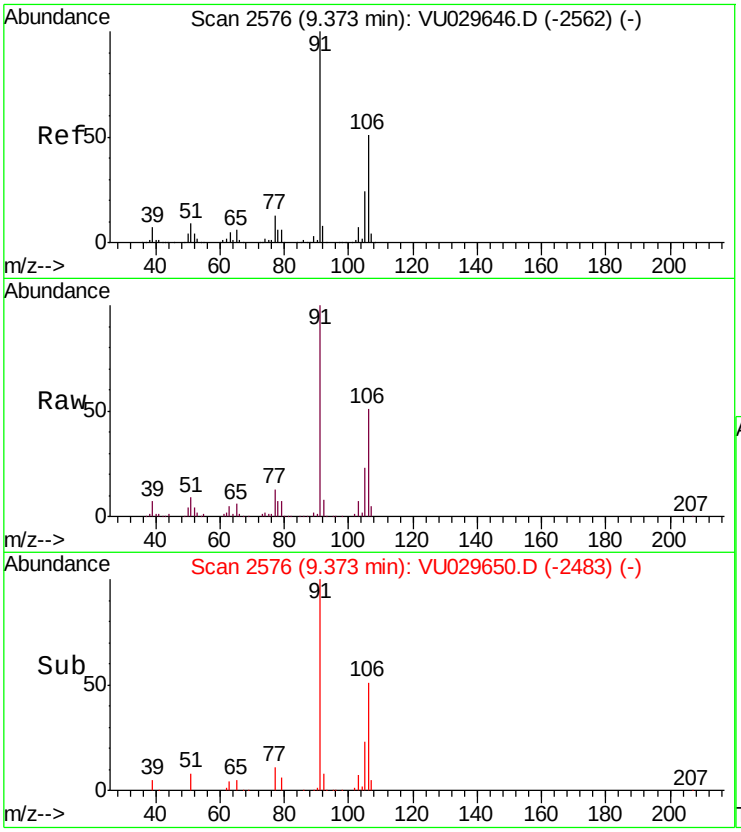


#52
Ethylbenzene
Concen: 5.556 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 91 Resp: 90284

Ion	Ratio	Lower	Upper
91	100		
106	32.9	22.7	42.1



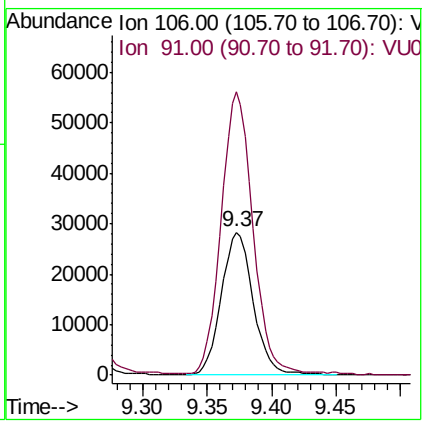


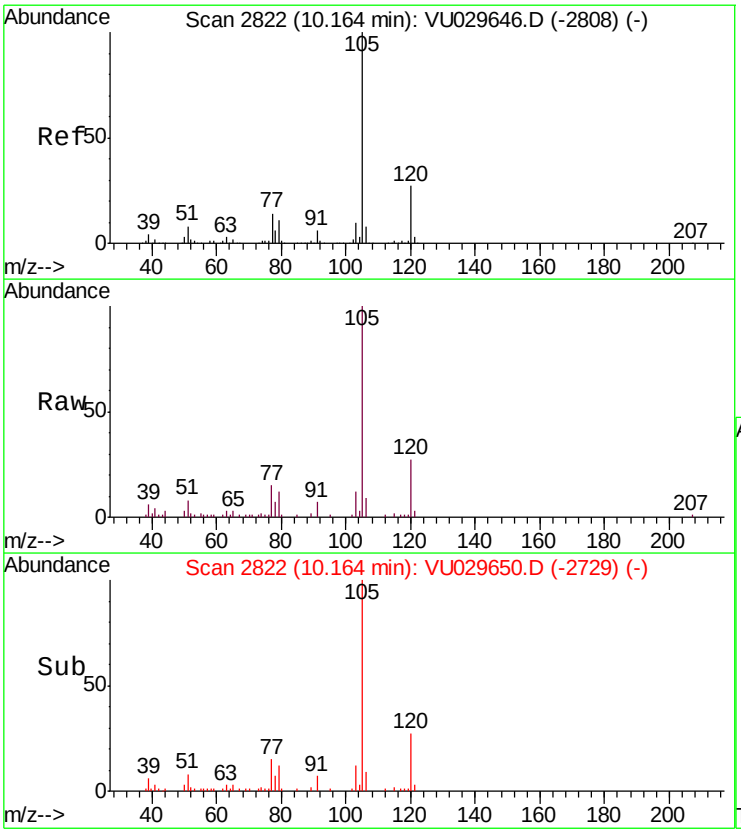
#53
m,p-Xylene
Concen: 7.499 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Instrument :
MSVOA_U
ClientSampleId :
DB629DL

Tgt Ion:106 Resp: 48917

Ion	Ratio	Lower	Upper
106	100		
91	198.0	135.3	251.3

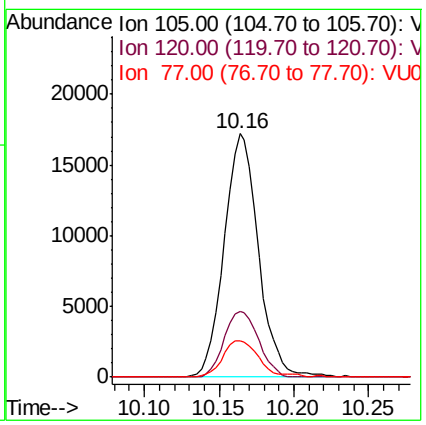


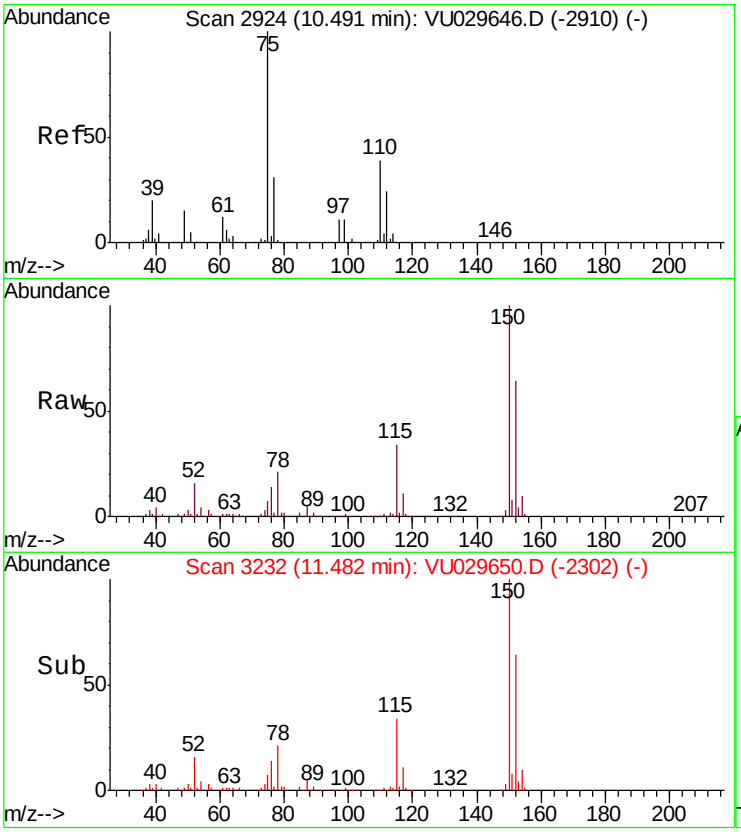


#56
Isopropylbenzene
Concen: 1.604 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion:105 Resp: 27497

Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.9	32.9
77	15.4	11.7	17.5



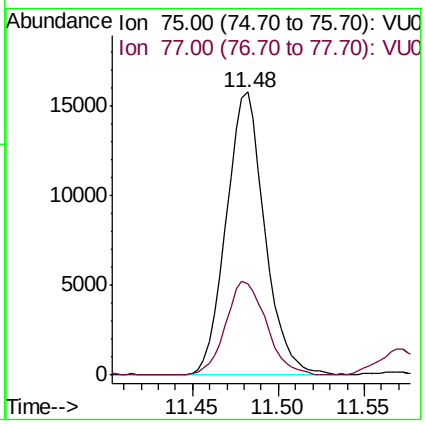


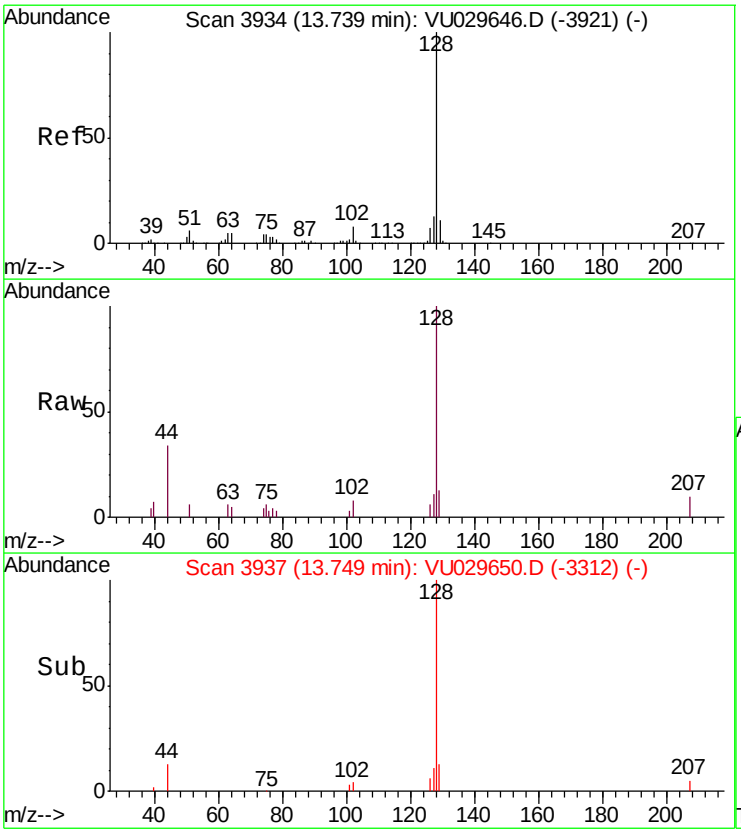
#59
1,2,3-Trichloropropane
Concen: 5.434 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Instrument :
MSVOA_U
ClientSampleId :
DB629DL

Tgt Ion: 75 Resp: 24607

Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.7	38.5





#69
Naphthalene
Concen: 0.518 ug/L
RT: 13.75 min Scan# 3937
Delta R.T. 0.01 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion:128 Resp: 8035

Ion	Ratio	Lower	Upper
128	100		
127	5.8	10.2	15.4#
129	9.3	8.5	12.7