Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041219\

Quantitation Report (Not Reviewed)

Data File : VU031145.D
Acq On : 12 Apr 2019 21:40
Operator : JC/SP
Sample : K2339-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC35

Quant Time: Apr 13 01:07:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.90	114	612541	50.00	ug/L	0.02
28) Chlorobenzene-d5	9.09	117	591343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	284593	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	240733	44.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.06%			
7) Chloroethane-d5	1.67	69	175868	42.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.76%			
11) 1,1-Dichloroethene-d2	2.28	63	12722715	1286.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 2572.84%#			
21) 2-Butanone-d5	4.18	46	366365	84.54	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.54%			
24) Chloroform-d	4.64	84	373789	44.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.50%			
26) 1,2-Dichloroethane-d4	5.31	65	245528	43.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.16%			
32) Benzene-d6	5.35	84	763604	44.23	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.46%			
36) 1,2-Dichloropropane-d6	6.42	67	264187	44.66	ug/L	0.10
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.32%			
41) Toluene-d8	7.57	98	668695	43.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.40%			
43) trans-1,3-Dichloropropene-	7.85	79	120817	44.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.58%			
47) 2-Hexanone-d5	8.31	63	235500	87.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.09%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	346284	43.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.78%			
64) 1,2-Dichlorobenzene-d4	11.86	152	253467	45.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.58%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	14053	2.086	ug/L #	18
9) Trichlorofluoromethane	1.88	101	18798	2.395	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	56222	12.818	ug/L #	36
13) Acetone	2.32	43	110107	24.829	ug/L	99
16) Methylene chloride	2.69	84	137601	26.751	ug/L	89
17) trans-1,2-Dichloroethene	2.98	96	14793	3.290	ug/L	94
19) 1,1-Dichloroethane	3.44	63	778882	83.950	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	727943	146.641	ug/L	90
25) Chloroform	4.67	83	100807	10.810	ug/L	96
27) 1,2-Dichloroethane	5.41	62	104309	14.656	ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	460207	63.858	ug/L	99
33) Benzene	5.41	78	52591	2.718	ug/L	100
35) Methylcyclohexane	6.48	83	54894	7.494	ug/L	95
37) 1,2-Dichloropropane	6.42	63	27346	4.991	ug/L #	91
39) cis-1,3-Dichloropropene	7.24	75	7398	0.949	ug/L	85
42) Toluene	7.64	91	3035479	153.671	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	275196	59.218	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041219\

Quantitation Report (Not Reviewed)

Data File : VU031145.D
Acq On : 12 Apr 2019 21:40
Operator : JC/SP
Sample : K2339-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC35

Quant Time: Apr 13 01:07:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Tetrachloroethene	8.23	164	118193	34.252	ug/L		98
52) Ethylbenzene	9.25	91	736240	34.194	ug/L		99
53) m,p-Xylene	9.37	106	1435197	191.119	ug/L		99
54) o-xylene	9.78	106	561635	75.190	ug/L		98
55) Styrene	9.78	104	31921	2.491	ug/L	#	1
56) Isopropylbenzene	10.17	105	22548	1.147	ug/L		99
59) 1,2,3-Trichloropropane	10.49	75	3852	0.587	ug/L		95

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

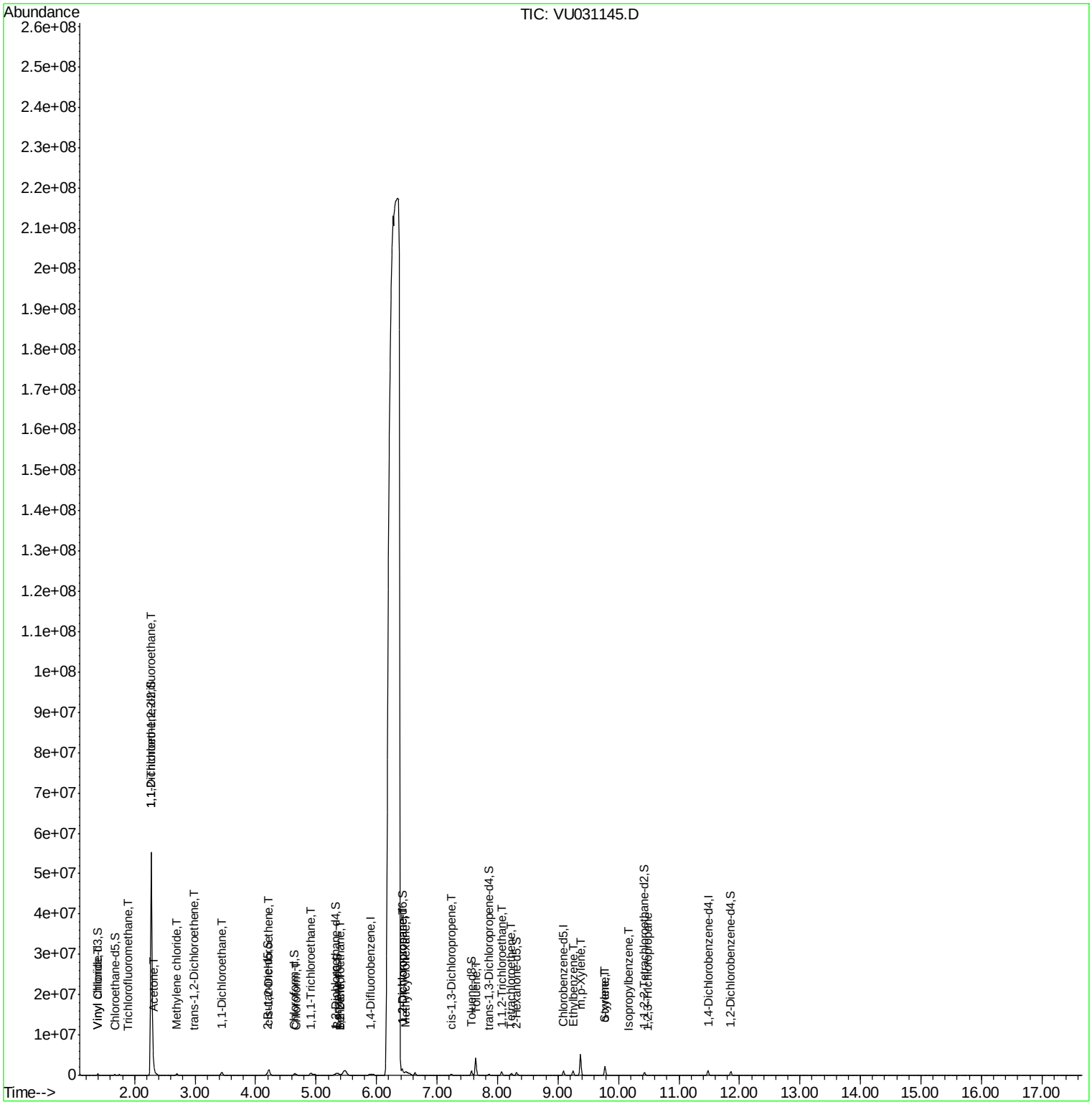
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041219\

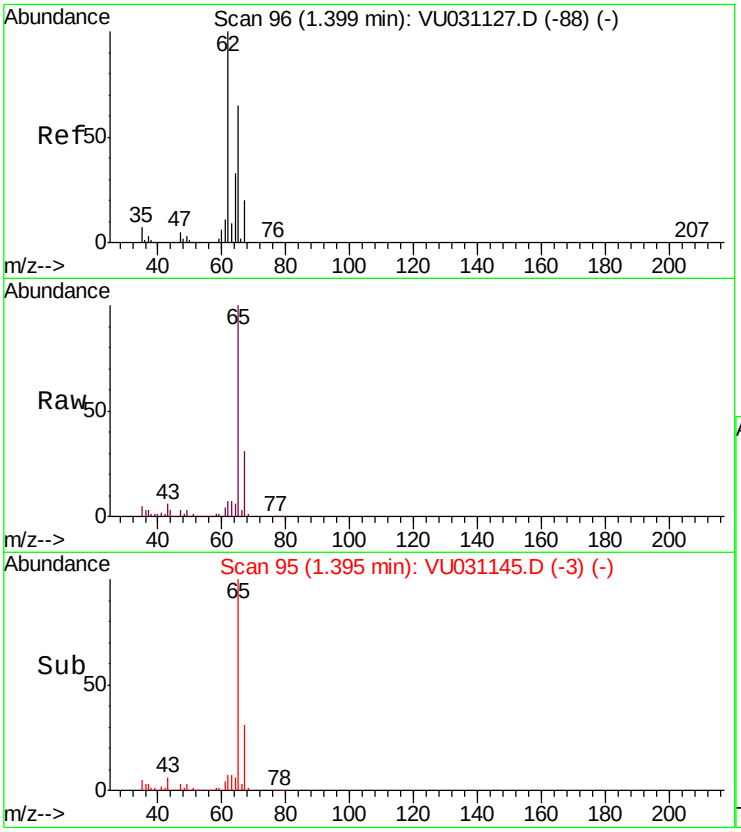
Quantitation Report (Not Reviewed)

Data File : VU031145.D
Acq On : 12 Apr 2019 21:40
Operator : JC/SP
Sample : K2339-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Quant Time: Apr 13 01:07:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration



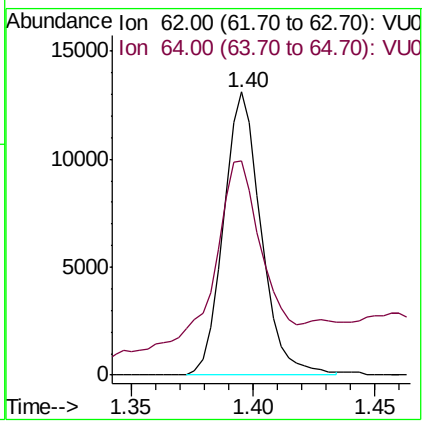


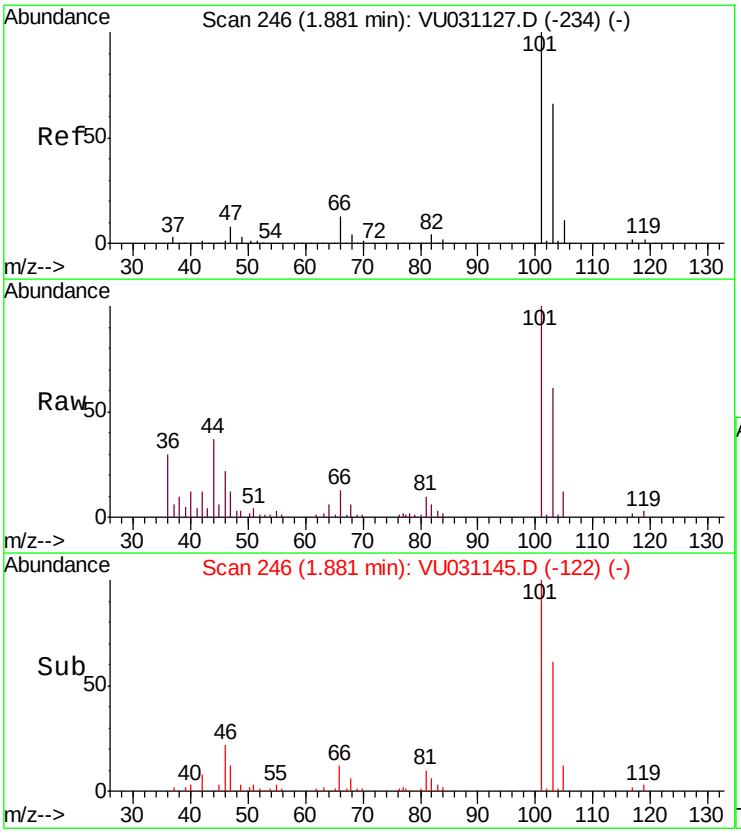
#5
Vinyl chloride
Concen: 2.086 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion: 62 Resp: 14053

Ion	Ratio	Lower	Upper
62	100		
64	75.8	21.5	39.9#

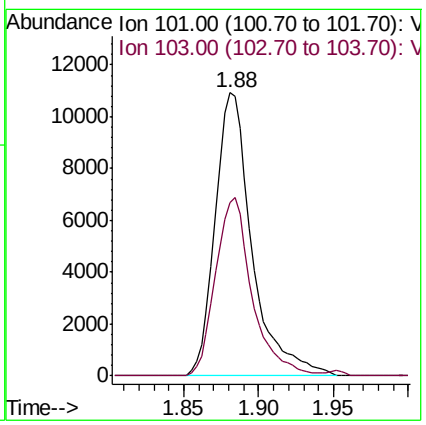


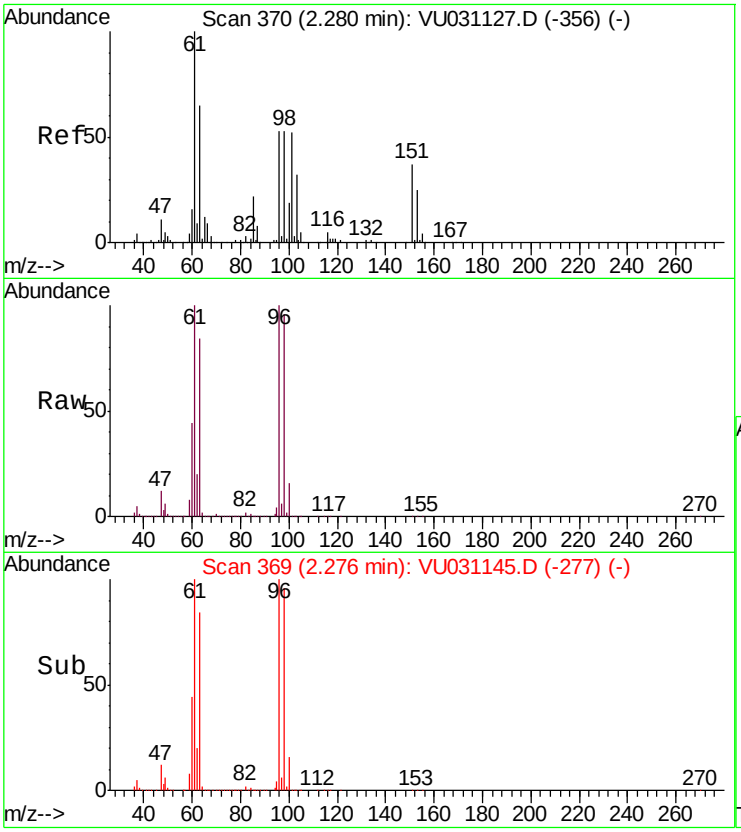


#9
Trichlorofluoromethane
Concen: 2.395 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion:101 Resp: 18798

Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.8	77.8



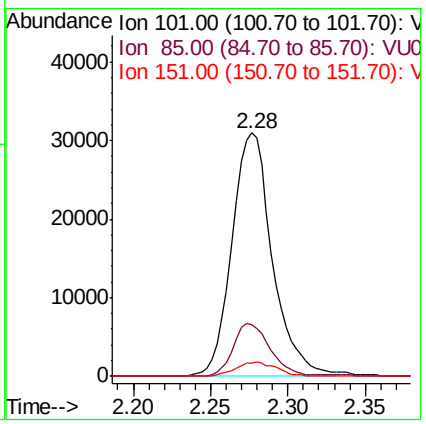


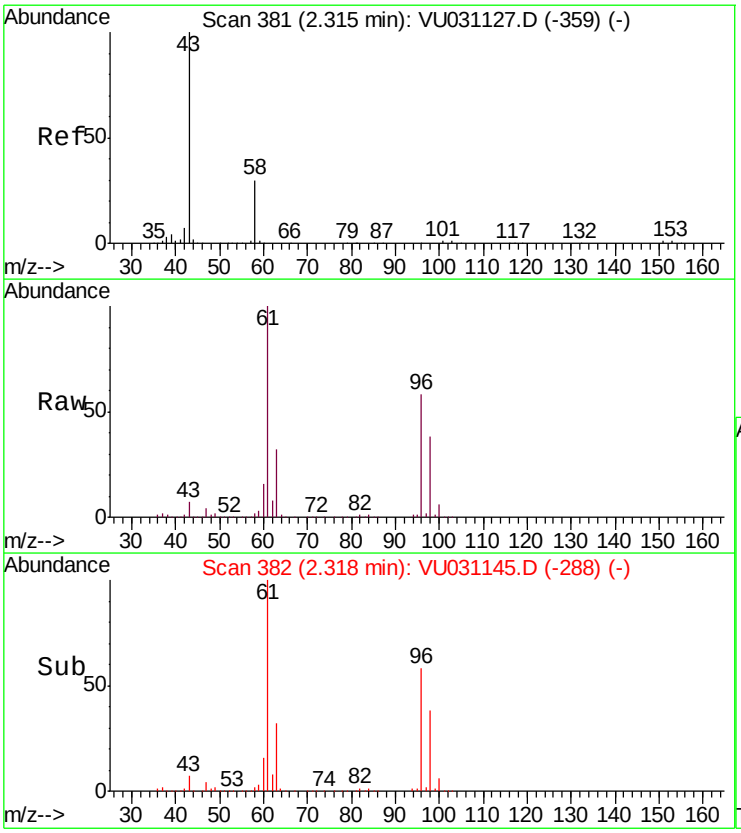
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.818 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion:101 Resp: 56222

Ion	Ratio	Lower	Upper
101	100		
85	20.3	36.8	55.2#
151	5.7	57.4	86.0#

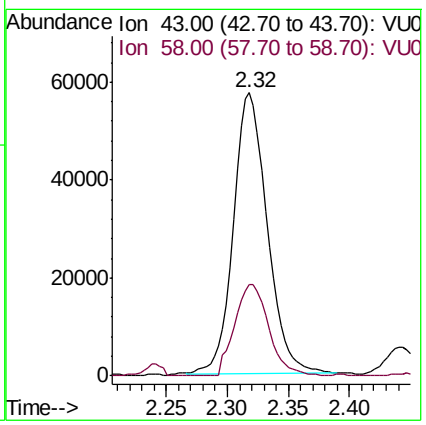


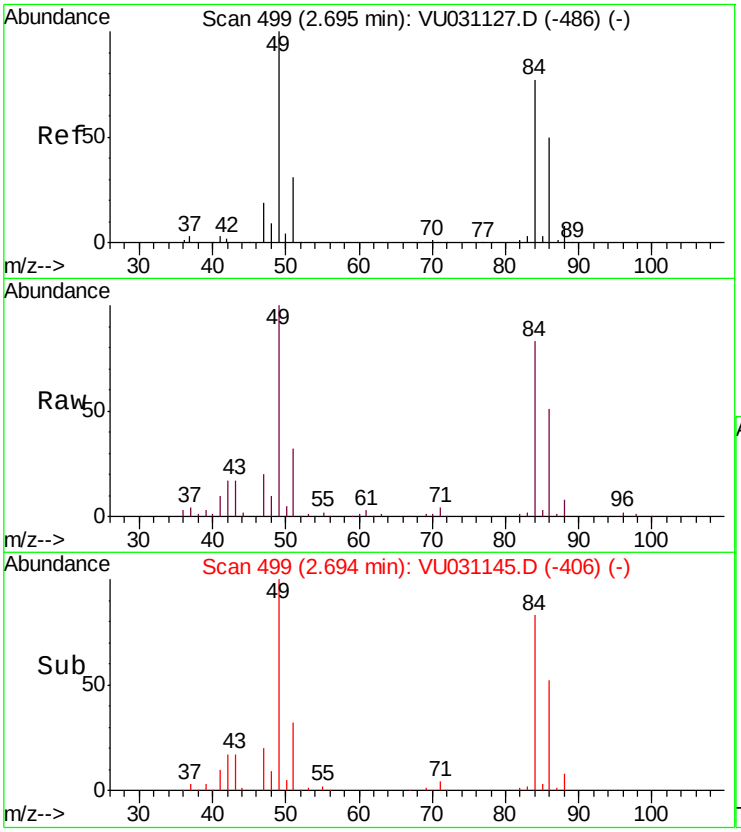


#13
Acetone
Concen: 24.829 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion: 43 Resp: 110107

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	64.0



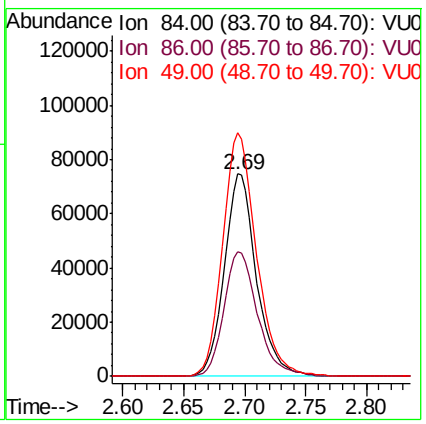


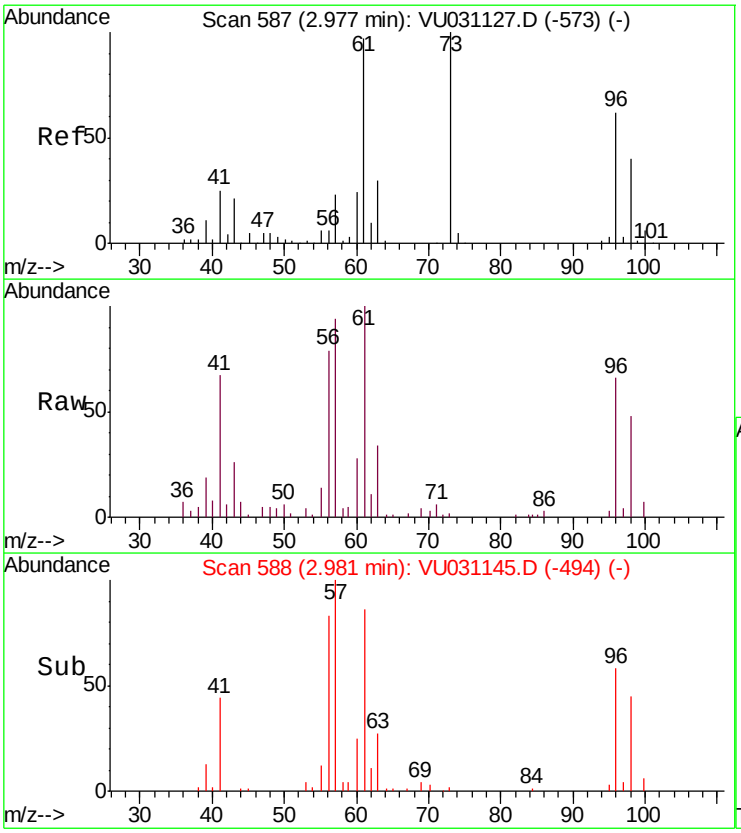
#16
Methylene chloride
Concen: 26.751 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion: 84 Resp: 137601

Ion	Ratio	Lower	Upper
84	100		
86	61.8	45.1	83.7
49	120.5	96.5	179.1

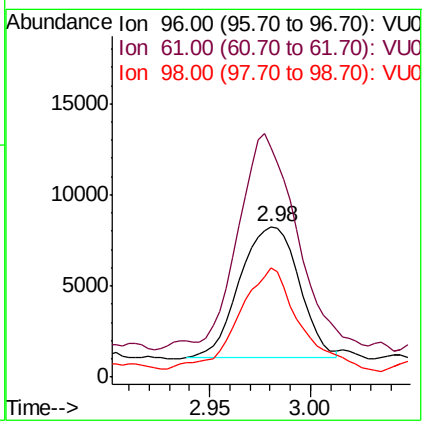


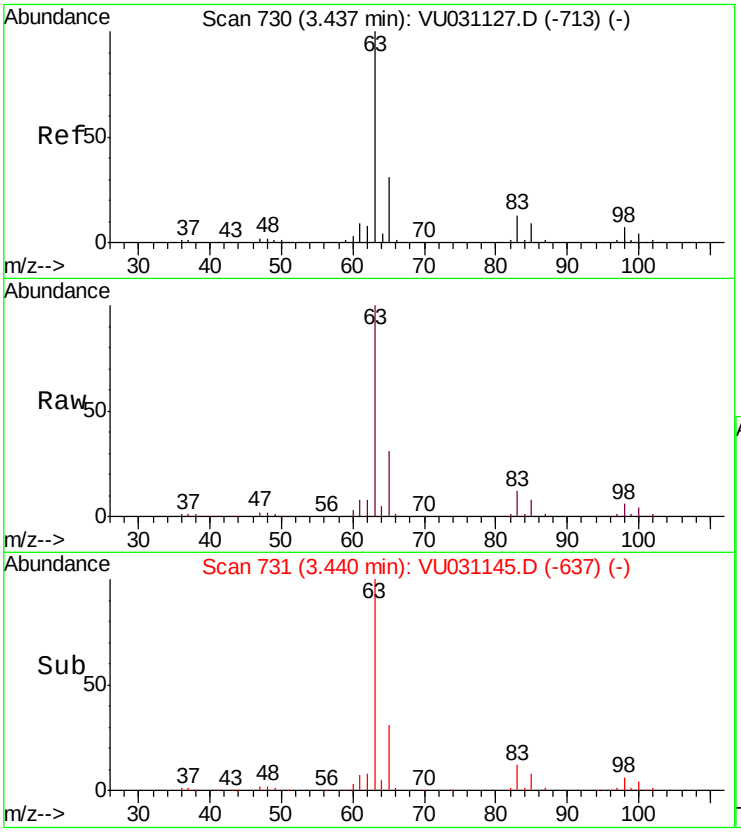


#17
trans-1,2-Dichloroethene
Concen: 3.290 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion: 96 Resp: 14793

Ion	Ratio	Lower	Upper
96	100		
61	152.3	109.5	203.3
98	72.4	44.0	81.6



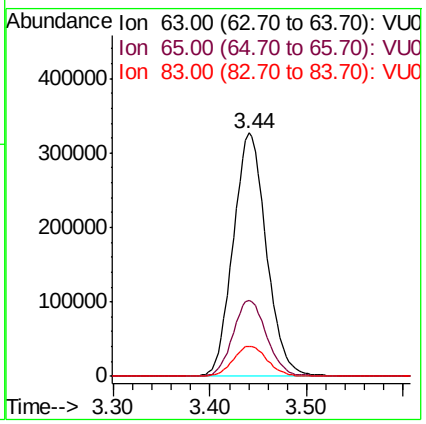


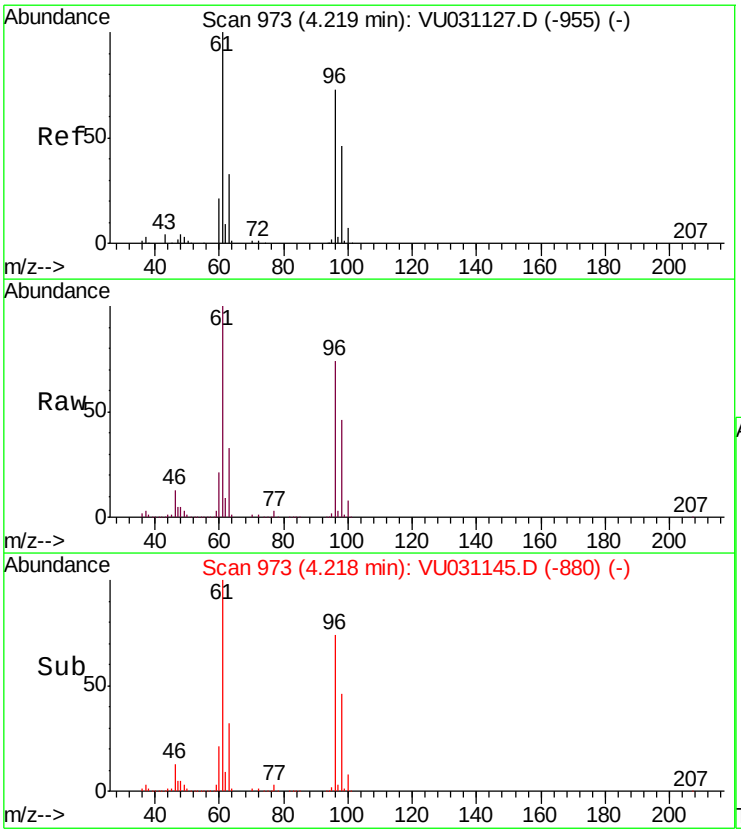
#19
1,1-Dichloroethane
Concen: 83.950 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument : MSVOA_U
ClientSampleId : BFC35

Tgt Ion: 63 Resp: 778882

Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.4	39.8
83	12.3	8.5	15.7

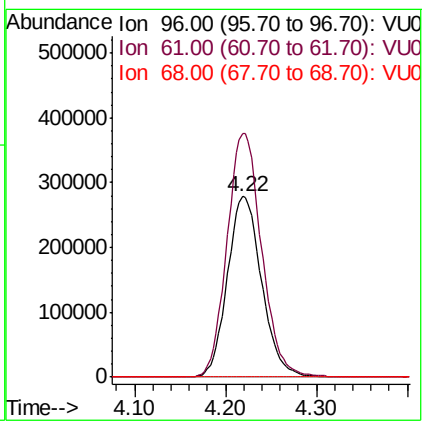


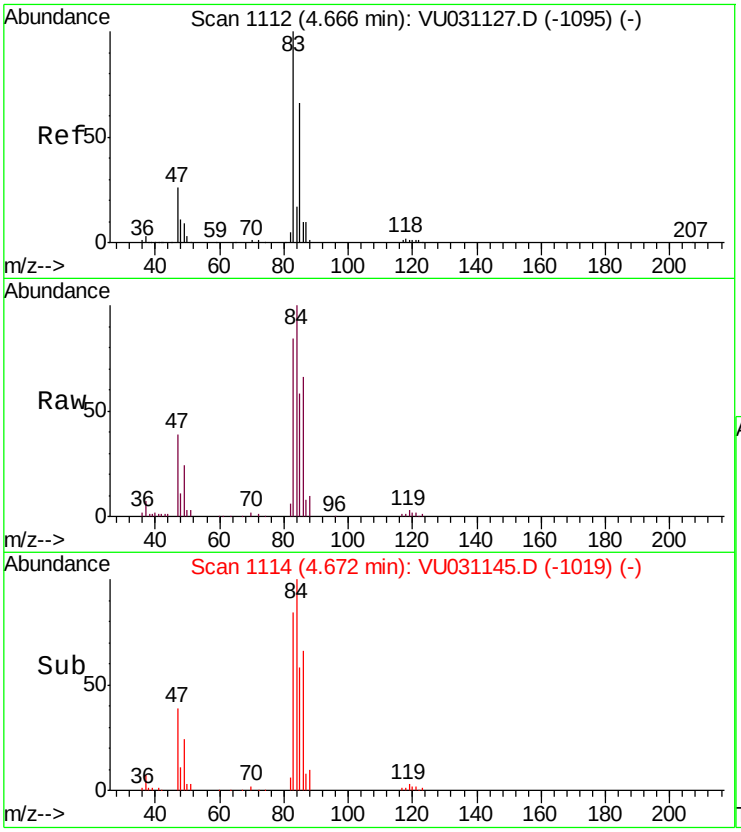


#20
cis-1,2-Dichloroethene
Concen: 146.641 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion: 96 Resp: 727943

Ion	Ratio	Lower	Upper
96	100		
61	135.0	102.9	191.1
68	0.0	0.0	0.0



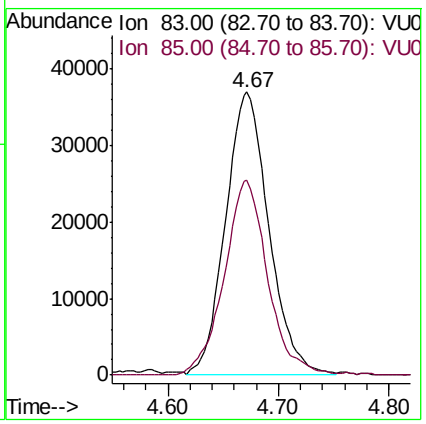


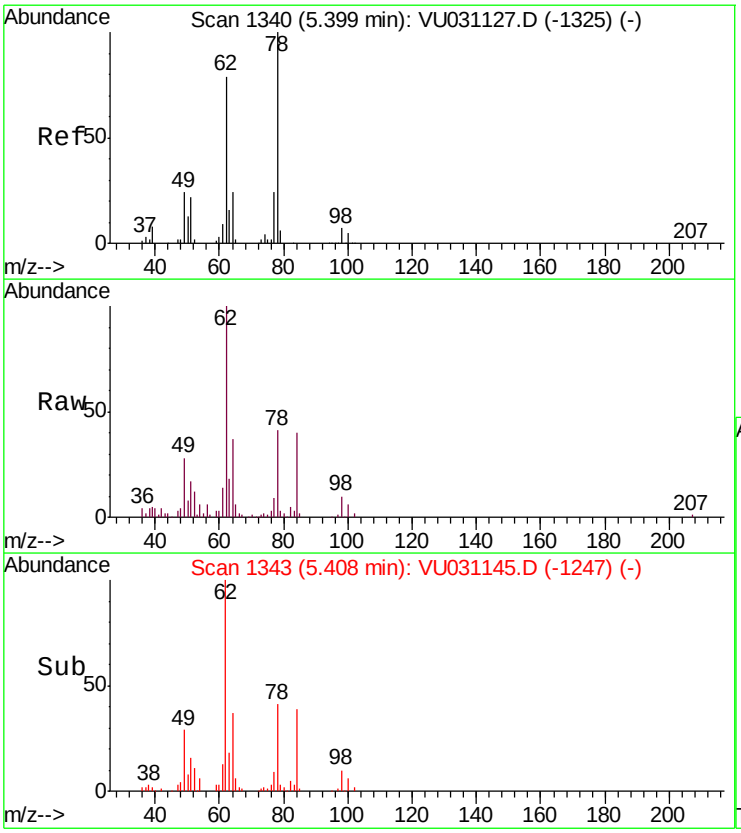
#25
Chloroform
Concen: 10.810 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion: 83 Resp: 100807

Ion	Ratio	Lower	Upper
83	100		
85	68.7	45.8	85.0

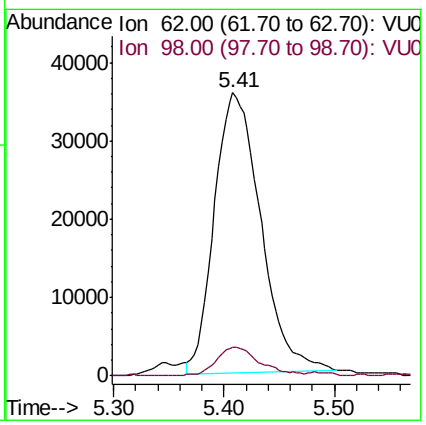


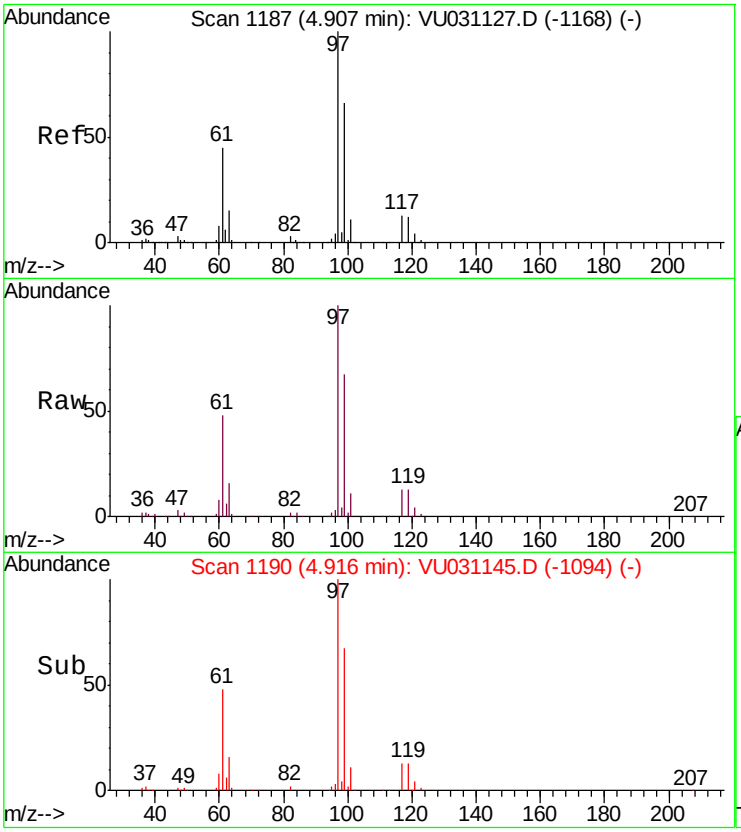


#27
1,2-Dichloroethane
Concen: 14.656 ug/L
RT: 5.41 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion: 62 Resp: 104309

Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.2	10.8



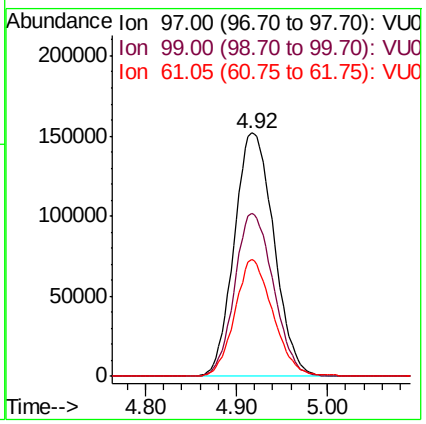


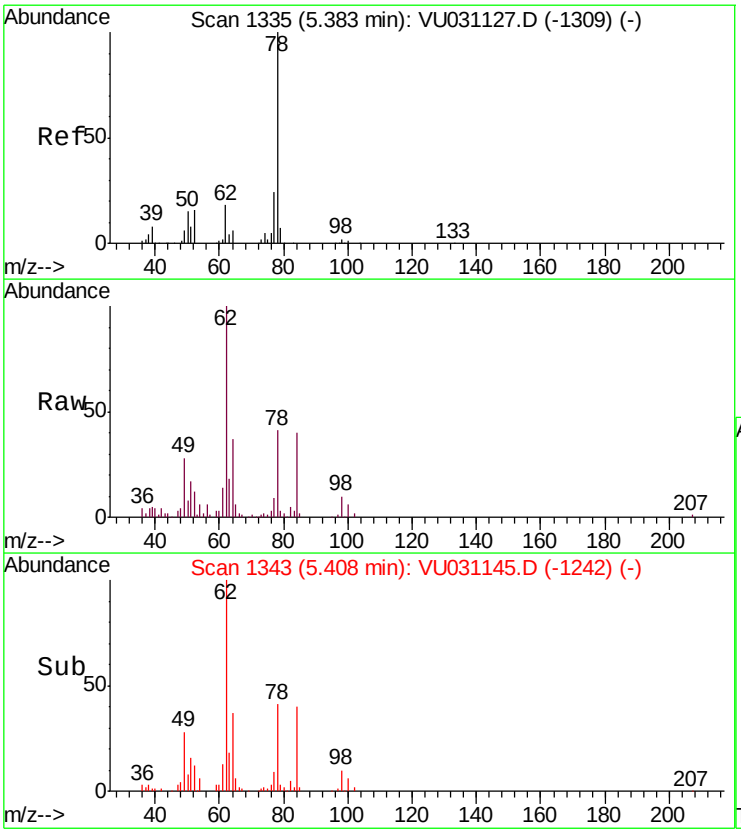
#30
1,1,1-Trichloroethane
Concen: 63.858 ug/L
RT: 4.92 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion: 97 Resp: 460207

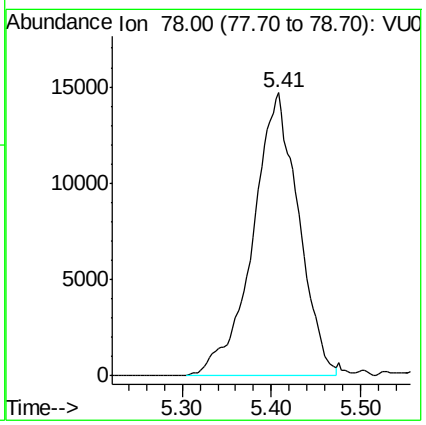
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.4	77.2
61	46.2	37.1	55.7

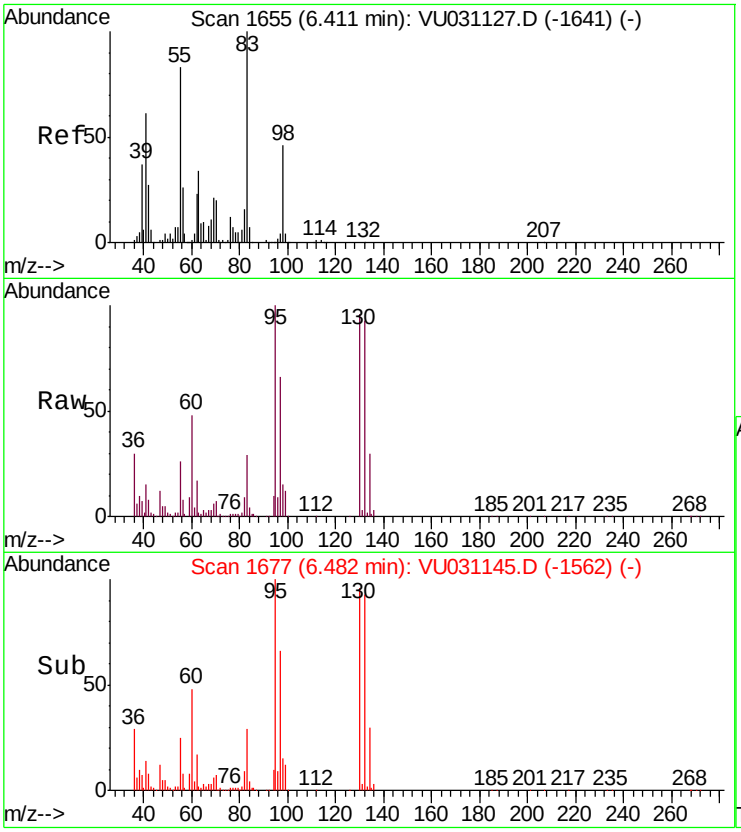




#33
Benzene
Concen: 2.718 ug/L
RT: 5.41 min Scan# 1343
Delta R.T. 0.03 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion: 78 Resp: 52591



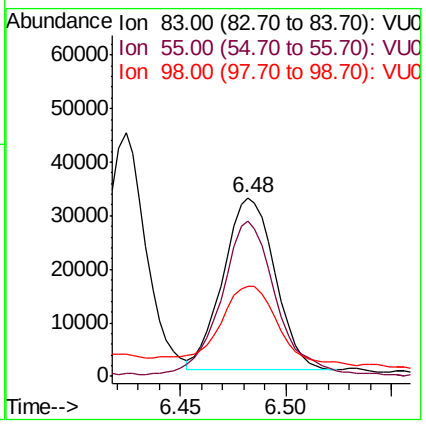


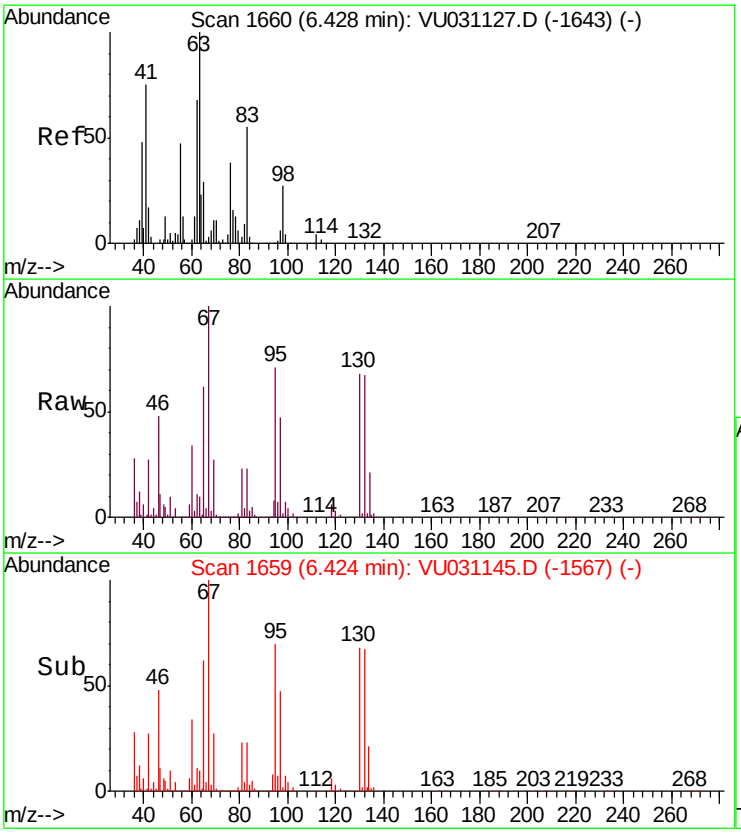
#35
Methylcyclohexane
Concen: 7.494 ug/L
RT: 6.48 min Scan# 1677
Delta R.T. 0.07 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion: 83 Resp: 54894

Ion	Ratio	Lower	Upper
83	100		
55	92.6	71.6	107.4
98	50.3	35.4	53.0

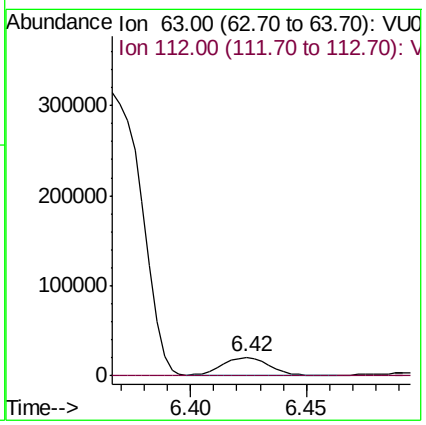


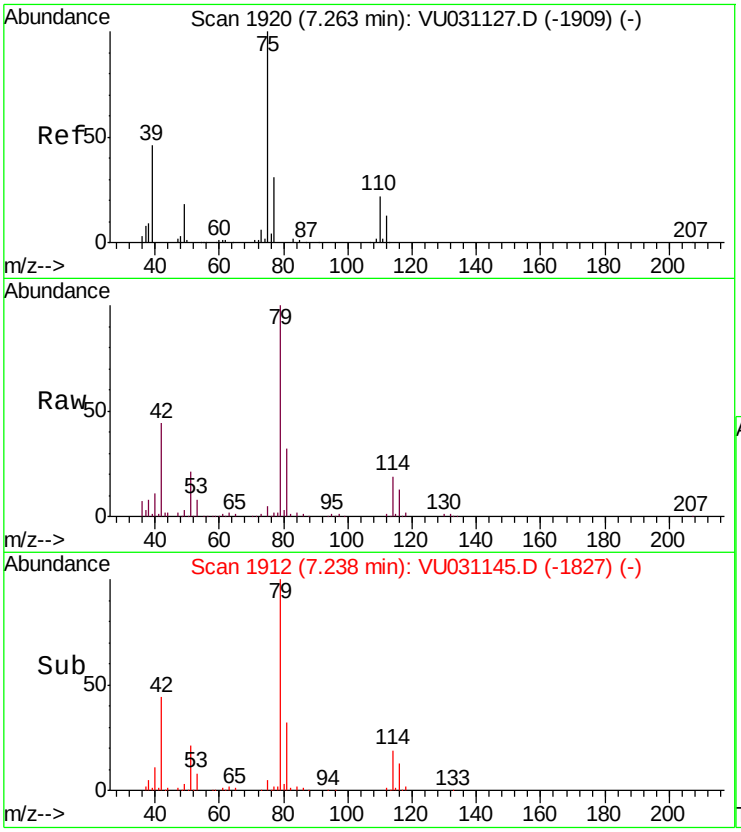


#37
1,2-Dichloropropane
Concen: 4.991 ug/L
RT: 6.42 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion: 63 Resp: 27346

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.0	4.4#



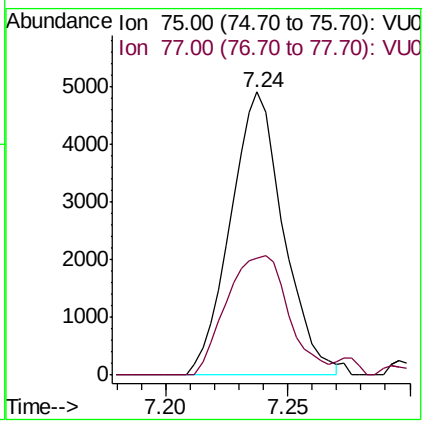


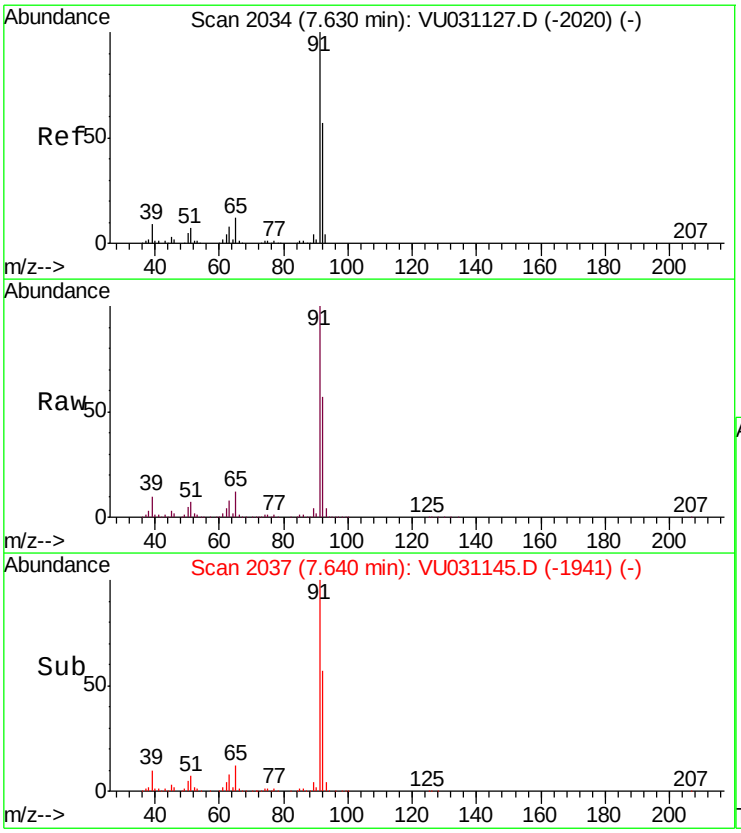
#39
cis-1,3-Dichloropropene
Concen: 0.949 ug/L
RT: 7.24 min Scan# 1912
Delta R.T. -0.03 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion: 75 Resp: 7398

Ion	Ratio	Lower	Upper
75	100		
77	41.5	23.1	42.9

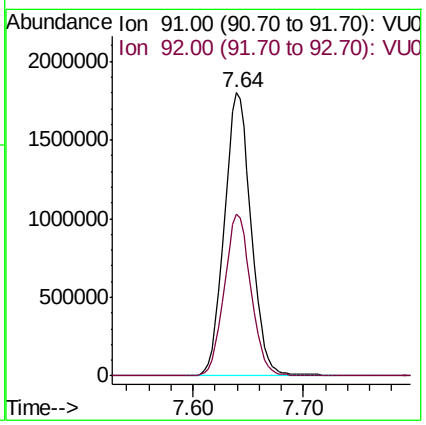


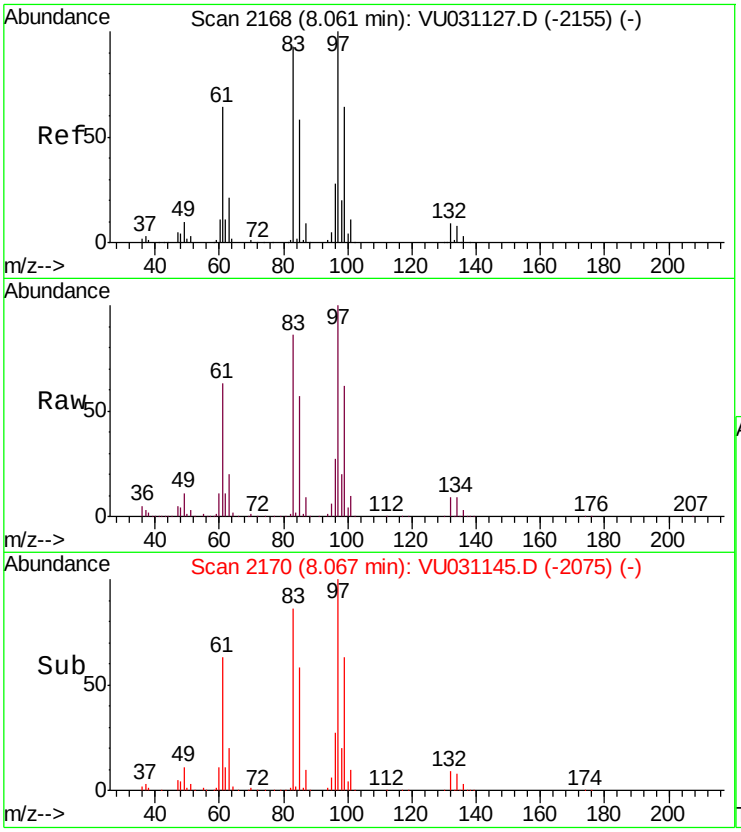


#42
Toluene
Concen: 153.671 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion: 91 Resp: 3035479

Ion	Ratio	Lower	Upper
91	100		
92	57.1	40.0	74.4



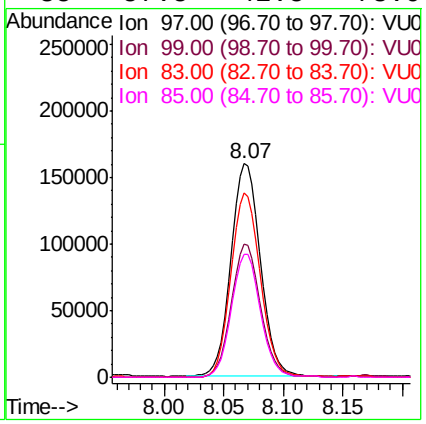


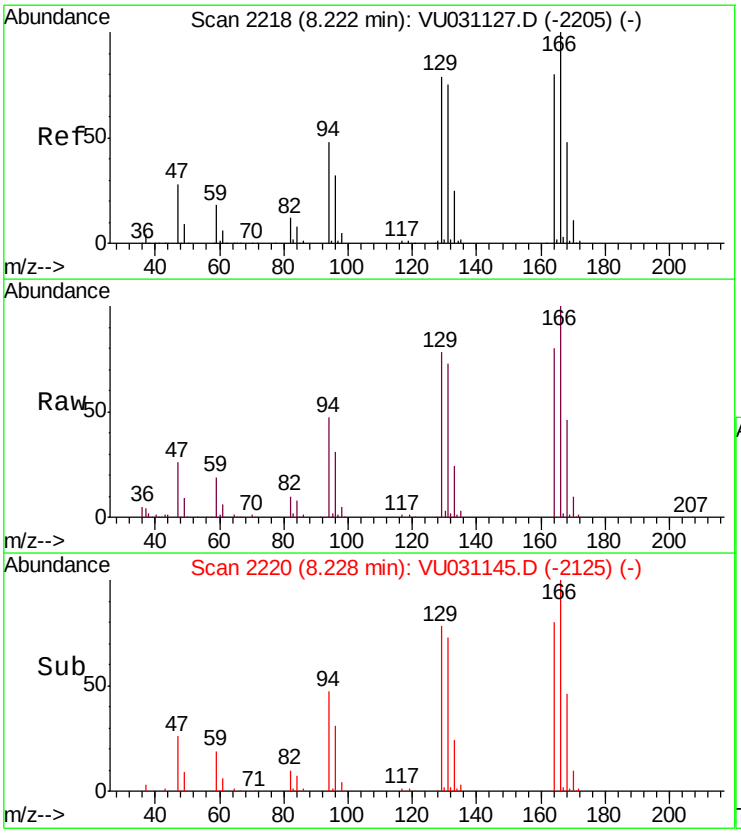
#45
1,1,2-Trichloroethane
Concen: 59.218 ug/L
RT: 8.07 min Scan# 2170
Delta R.T. 0.01 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion: 97 Resp: 275196

Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.0	81.8
83	86.1	65.3	121.3
85	57.5	42.5	78.9

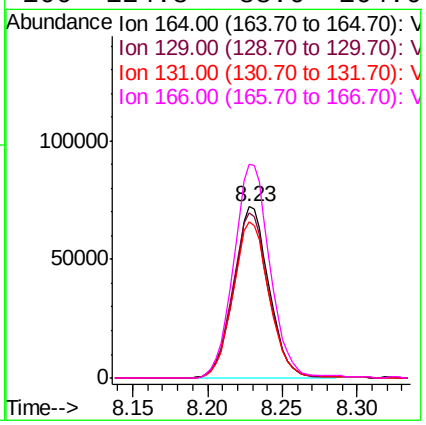


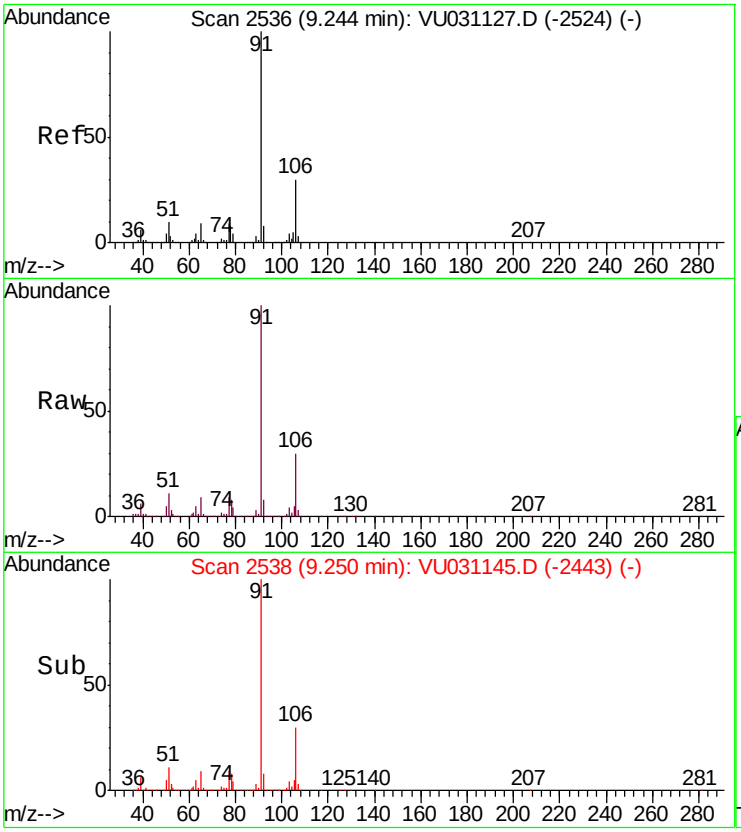


#46
Tetrachloroethene
Concen: 34.252 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion:164 Resp: 118193

Ion	Ratio	Lower	Upper
164	100		
129	96.8	67.4	125.2
131	91.1	65.9	122.5
166	124.8	88.6	164.6



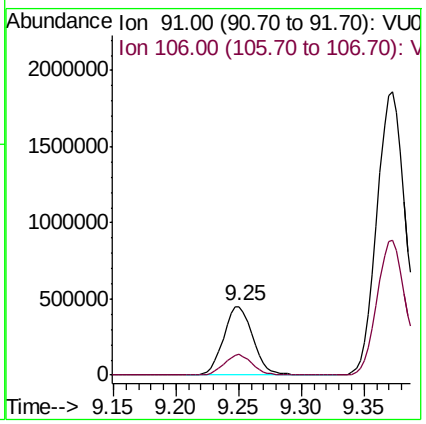


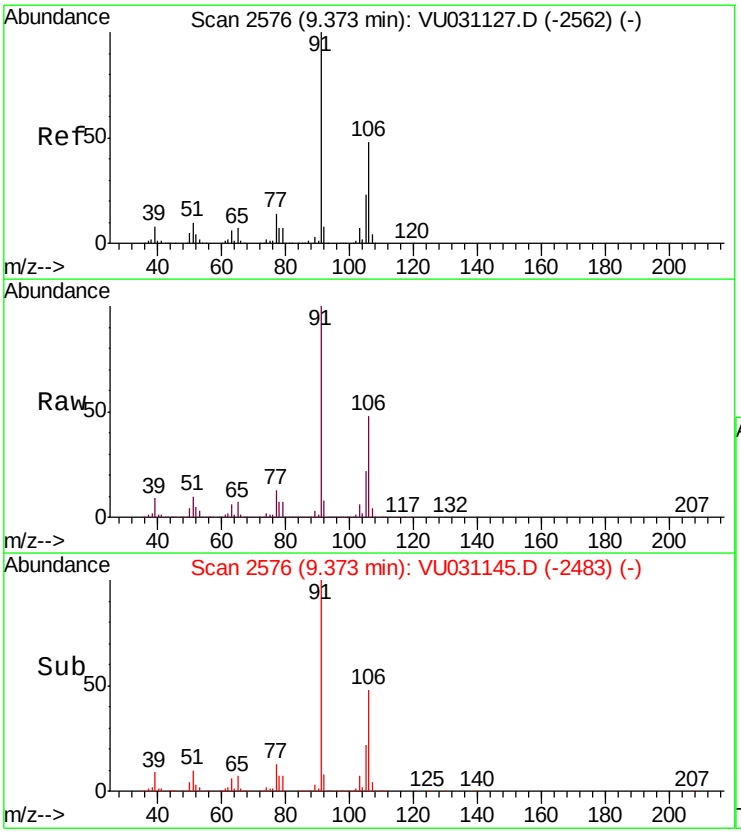
#52
Ethylbenzene
Concen: 34.194 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.01 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion: 91 Resp: 736240

Ion	Ratio	Lower	Upper
91	100		
106	29.9	20.4	37.8

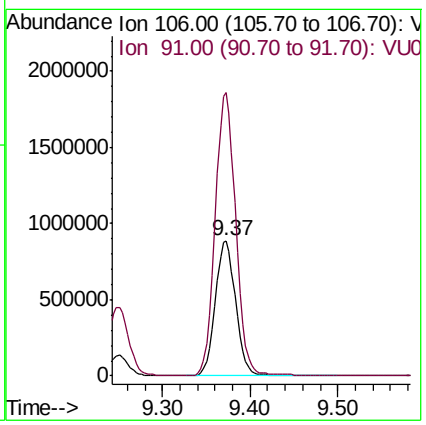


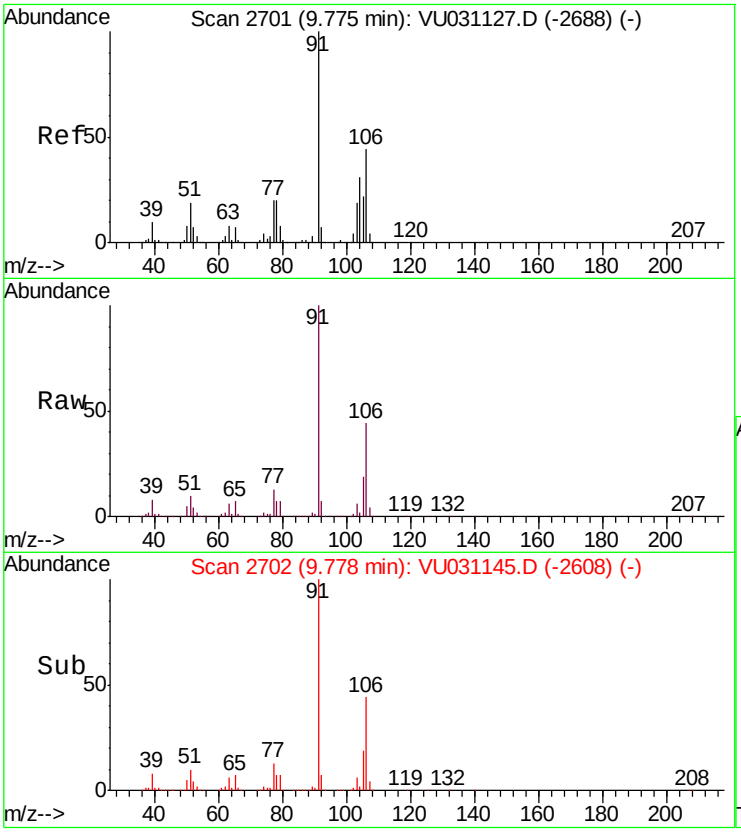


#53
m,p-Xylene
Concen: 191.119 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion:106 Resp: 1435197

Ion	Ratio	Lower	Upper
106	100		
91	209.4	148.0	274.8



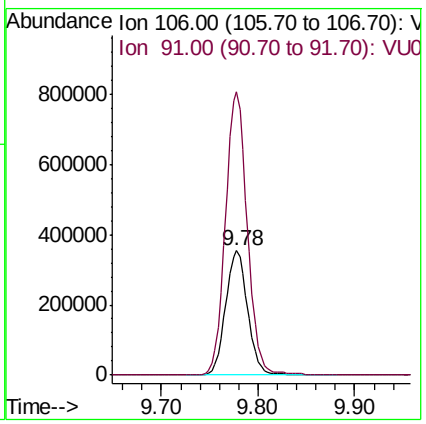


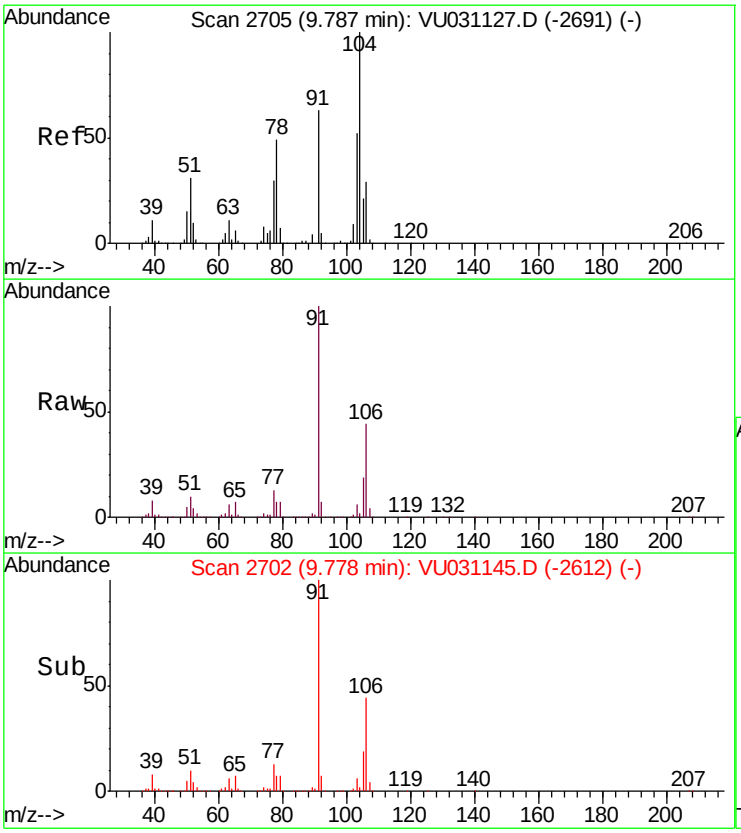
#54
o-xylene
Concen: 75.190 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion:106 Resp: 561635

Ion	Ratio	Lower	Upper
106	100		
91	227.3	156.7	290.9

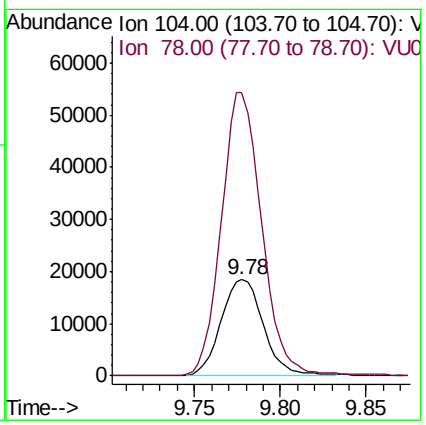


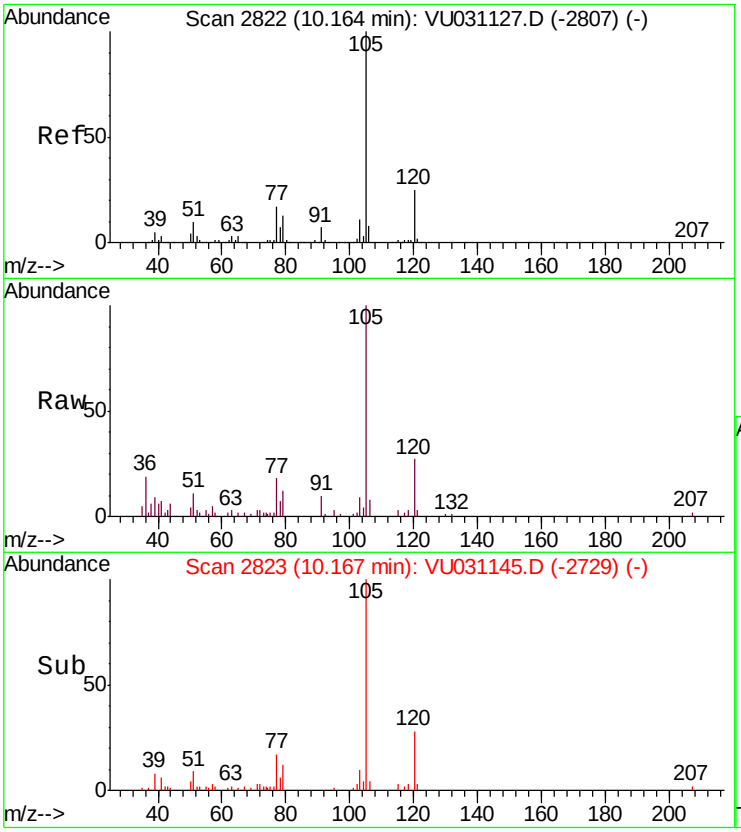


#55
Styrene
Concen: 2.491 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. -0.01 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion:104 Resp: 31921

Ion	Ratio	Lower	Upper
104	100		
78	293.3	35.1	65.1#



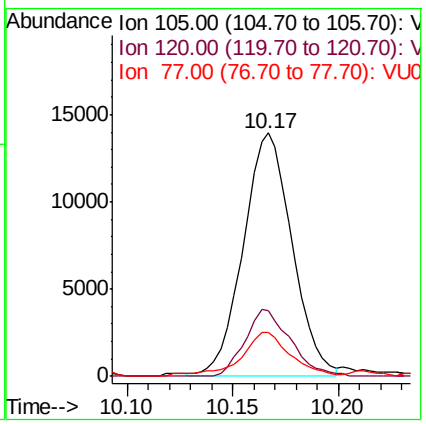


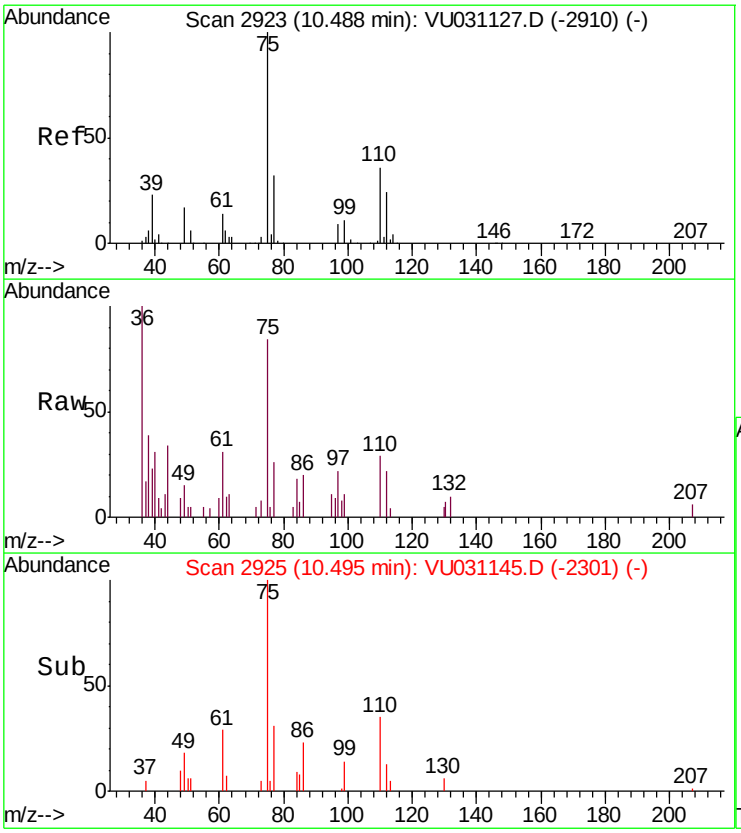
#56
Isopropylbenzene
Concen: 1.147 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Instrument :
MSVOA_U
ClientSampleId :
BFC35

Tgt Ion:105 Resp: 22548

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.4	30.6
77	17.4	13.4	20.2





#59
1,2,3-Trichloropropane
Concen: 0.587 ug/L
RT: 10.49 min Scan# 2925
Delta R.T. 0.01 min
Lab File: VU031145.D
Acq: 12 Apr 2019 21:40

Tgt Ion: 75 Resp: 3852

Ion	Ratio	Lower	Upper
75	100		
77	30.0	26.1	39.1