Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028147.D
Acq On : 15 Nov 2018 02:30
Operator : MD/SY
Sample : J5943-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH8

Quant Time: Nov 15 06:19:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	138885	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	128759	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60596	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	51627	4.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.60%			
7) Chloroethane-d5	1.68	69	43143	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.20%			
11) 1,1-Dichloroethene-d2	2.28	63	72827	3.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%			
20) 2-Butanone-d5	4.19	46	175967	52.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.28%			
24) Chloroform-d	4.65	84	75779	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
26) 1,2-Dichloroethane-d4	5.31	65	50508	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.34	84	179889	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.33	67	63926	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.57	98	157916	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	7.85	79	20166	4.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.60%			
46) 2-Hexanone-d5	8.31	63	135575	50.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32931	3.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 70.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	54214	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	711	0.048	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	558	0.061	ug/L #	22
12) 1,1-Dichloroethene	2.28	96	571	0.062	ug/L #	1
13) Acetone	2.32	43	1838	0.816	ug/L	100
25) Chloroform	4.67	83	11246	0.607	ug/L	97
35) Methylcyclohexane	6.33	83	13350	0.724	ug/L #	29
37) 1,2-Dichloropropane	6.33	63	6451	0.538	ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	1374	0.085	ug/L	97
42) Toluene	7.64	91	5441	0.122	ug/L	78
47) Tetrachloroethene	8.22	164	714	0.082	ug/L	91
48) 2-Hexanone	8.31	43	16125	2.743	ug/L #	67
49) Dibromochloromethane	8.23	129	682	0.088	ug/L #	11
52) Ethylbenzene	9.26	91	1505	0.031	ug/L	93
53) m,p-xylene	9.38	106	1510	0.085	ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	8765	1.301	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	496	0.373	ug/L #	3

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028147.D
Acq On : 15 Nov 2018 02:30
Operator : MD/SY
Sample : J5943-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH8

Quant Time: Nov 15 06:19:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028147.D
Acq On : 15 Nov 2018 02:30
Operator : MD/SY
Sample : J5943-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

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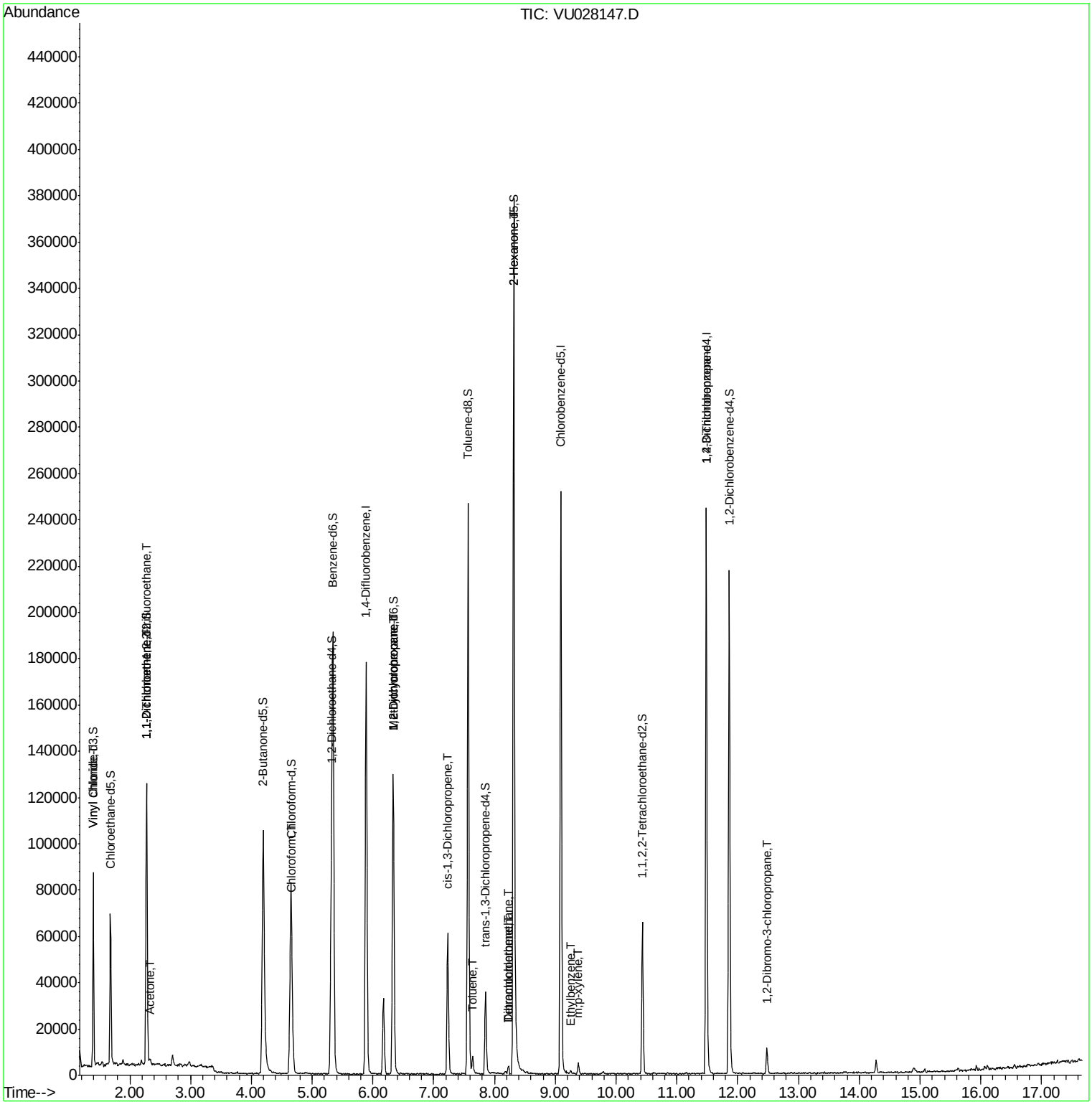
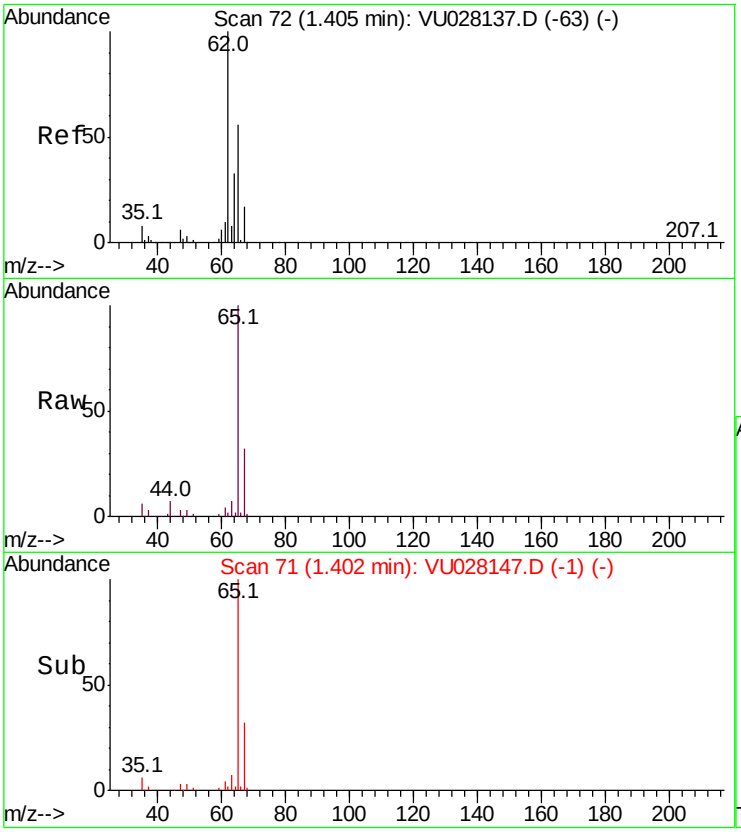
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration



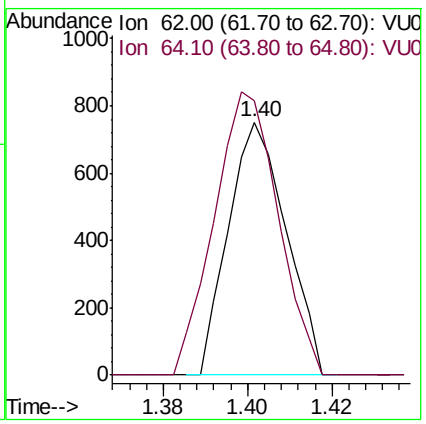


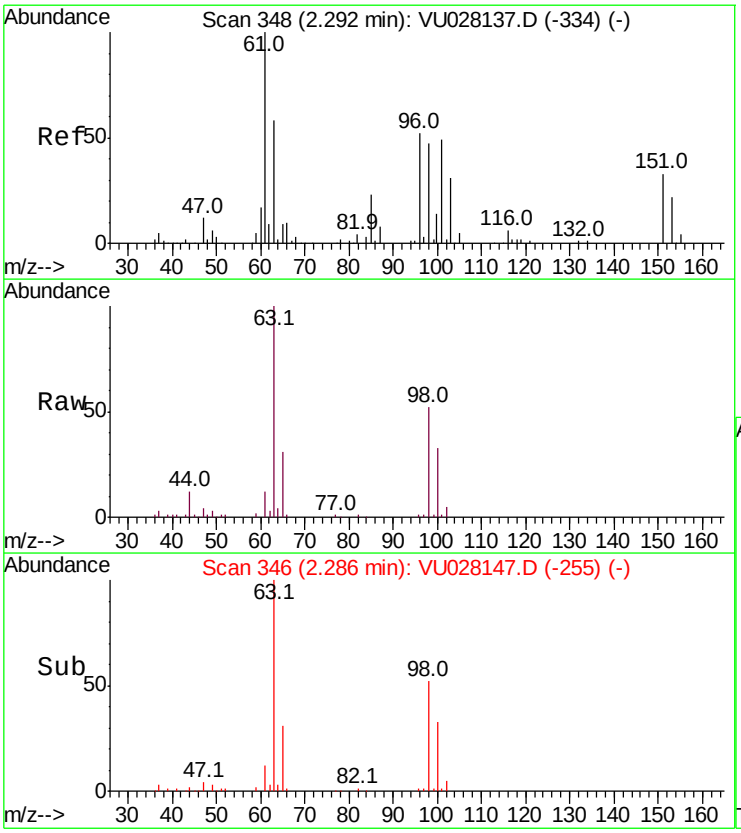
#5
Vinyl chloride
Concen: 0.048 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Instrument : MSVOA_U
ClientSampleId : H0FH8

Tgt Ion: 62 Resp: 711

Ion	Ratio	Lower	Upper
62	100		
64	108.4	22.7	42.3#

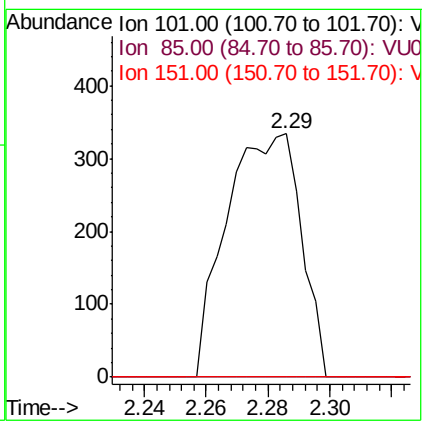


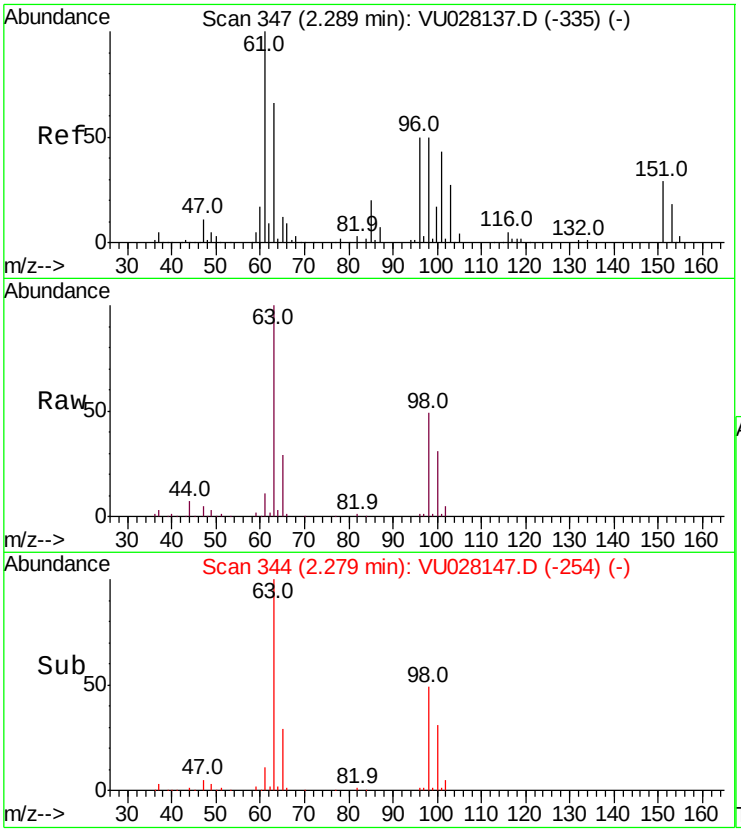


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.01 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Tgt Ion:101 Resp: 558

Ion	Ratio	Lower	Upper
101	100		
85	3.4	37.6	56.4#
151	0.0	58.2	87.2#



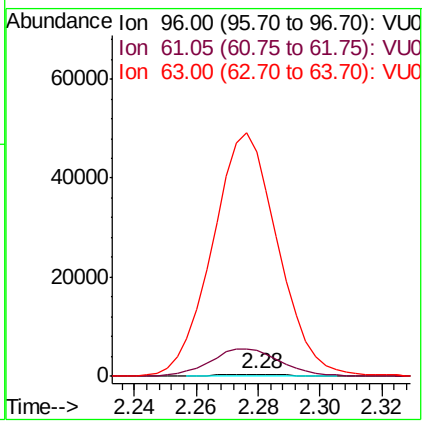


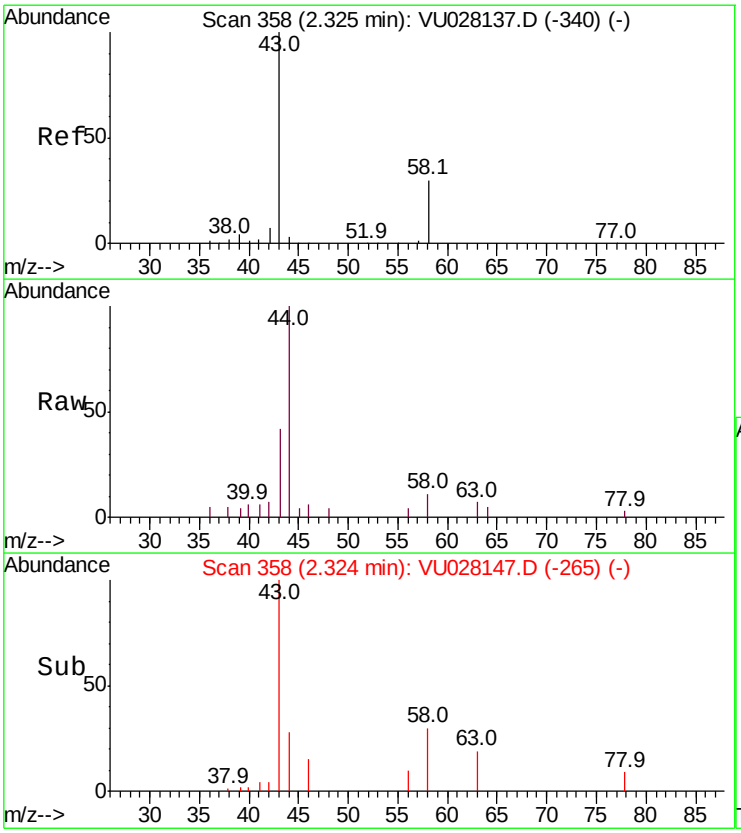
#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Instrument : MSVOA_U
ClientSampleId : H0FH8

Tgt Ion: 96 Resp: 571

Ion	Ratio	Lower	Upper
96	100		
61	1495.1	134.8	250.3#
63	13143.2	100.1	185.9#

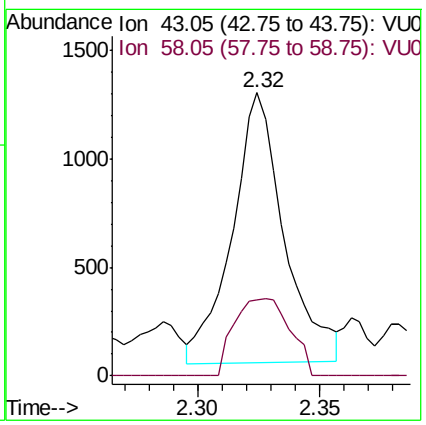


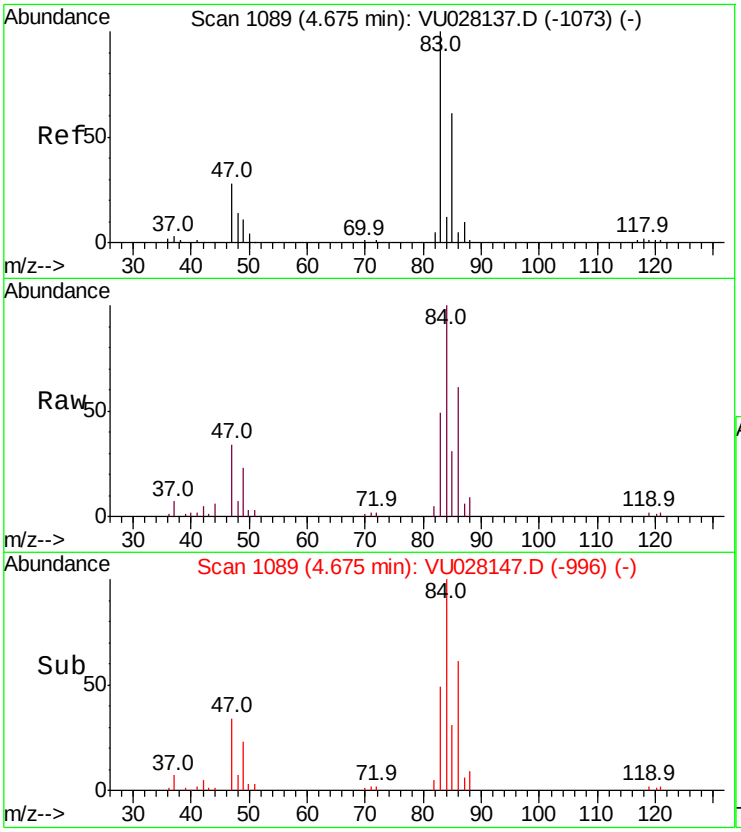


#13
Acetone
Concen: 0.816 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Tgt Ion: 43 Resp: 1838

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	61.6



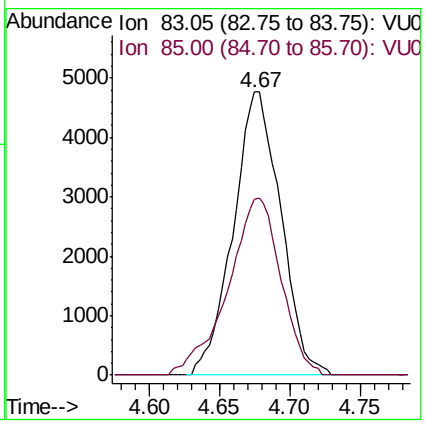


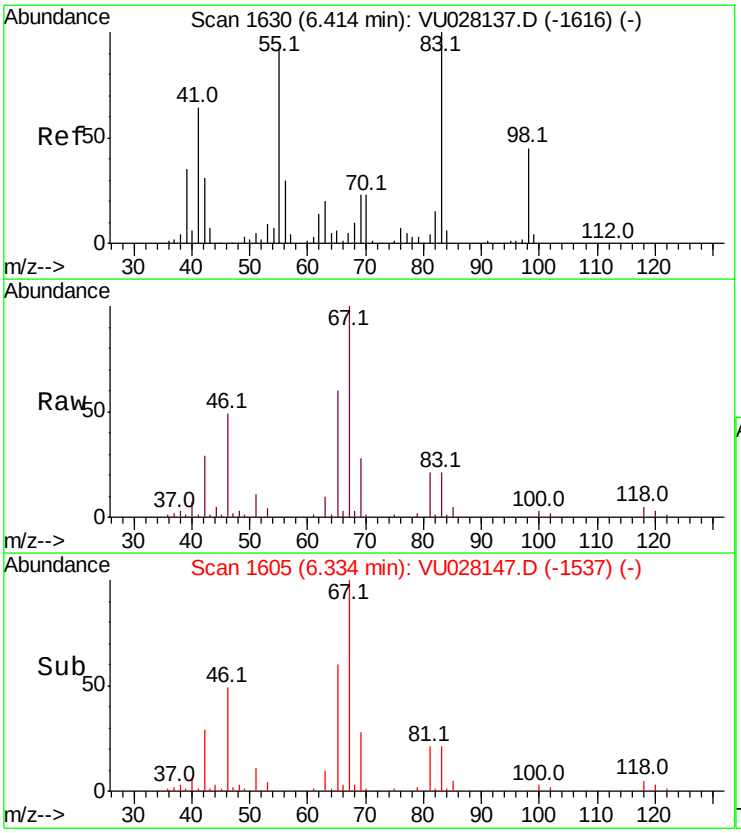
#25
Chloroform
Concen: 0.607 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Instrument : MSVOA_U
ClientSampleId : H0FH8

Tgt Ion: 83 Resp: 11246

Ion	Ratio	Lower	Upper
83	100		
85	62.3	45.0	83.6

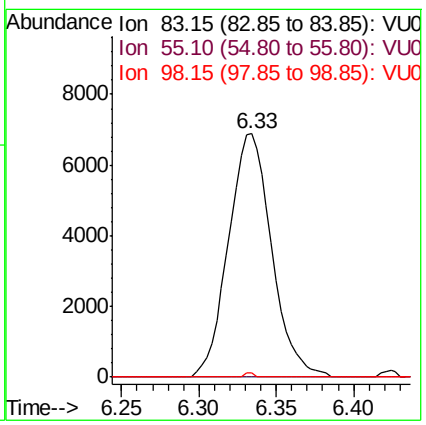


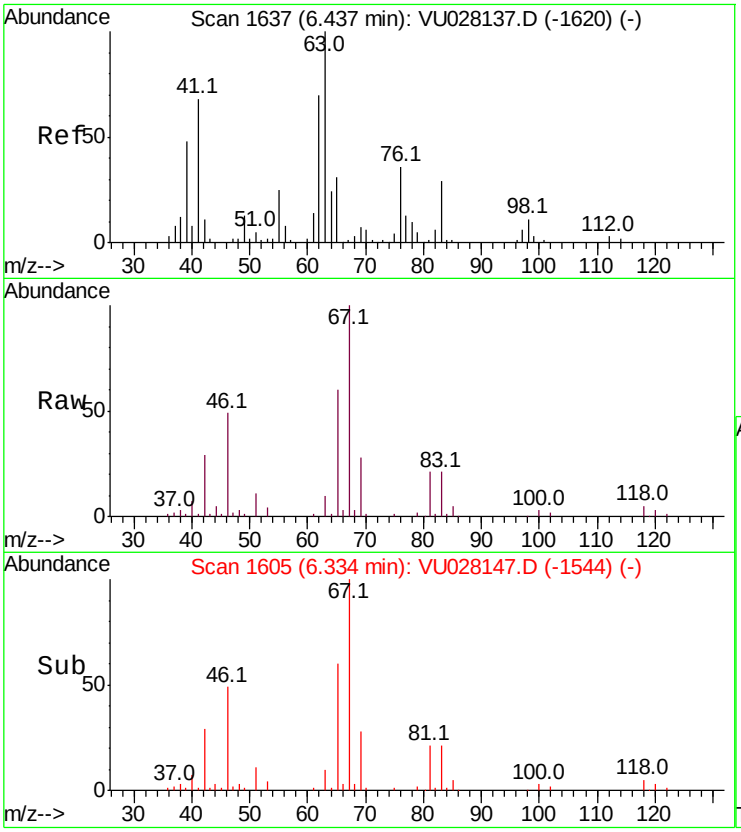


#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Tgt Ion: 83 Resp: 13350

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	55.7	33.3	49.9#



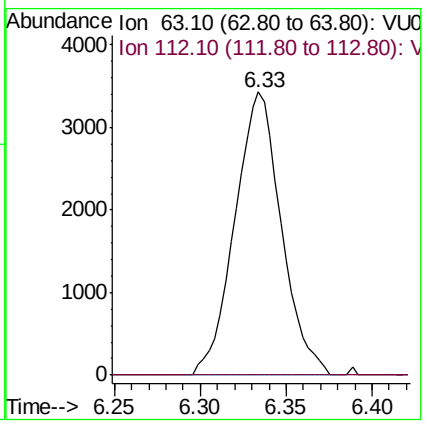


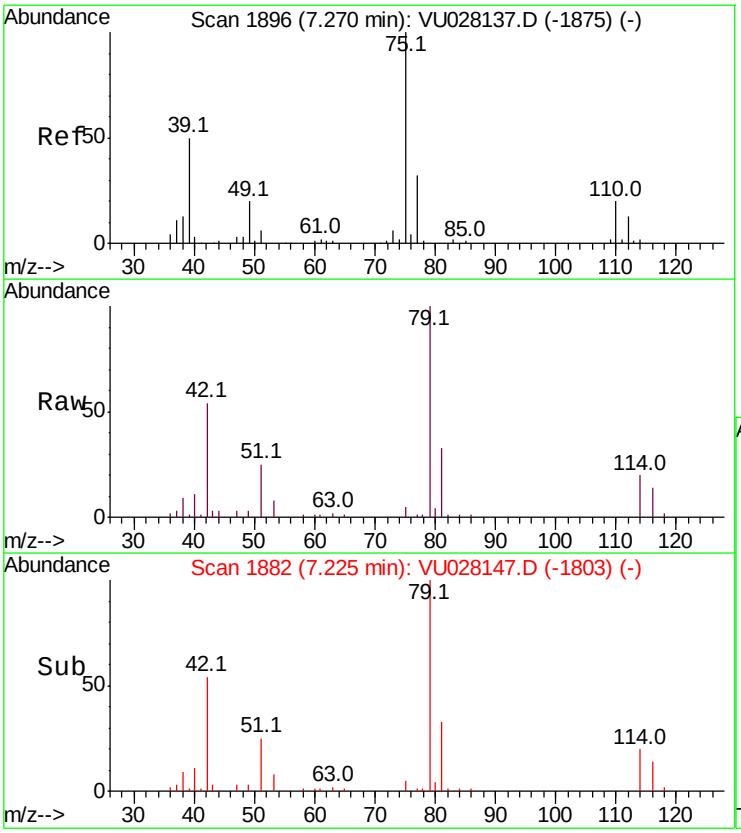
#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Instrument : MSVOA_U
ClientSampleId : H0FH8

Tgt Ion: 63 Resp: 6451

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#

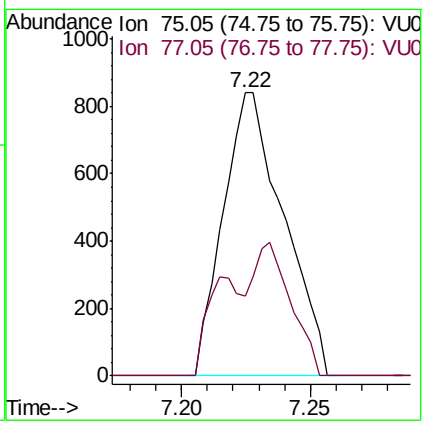


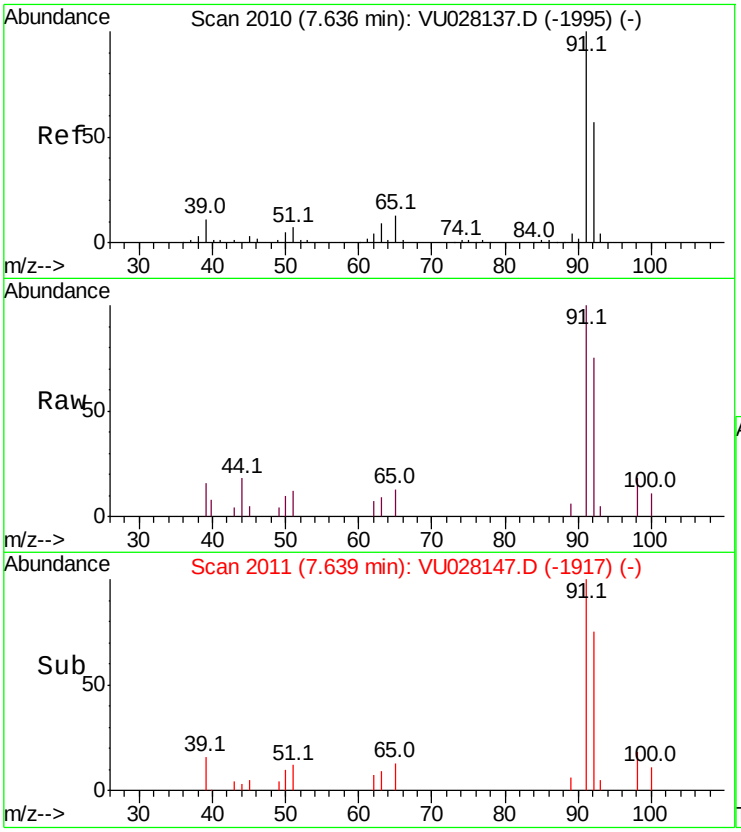


#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.05 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Tgt Ion: 75 Resp: 1374

Ion	Ratio	Lower	Upper
75	100		
77	28.1	20.9	38.9



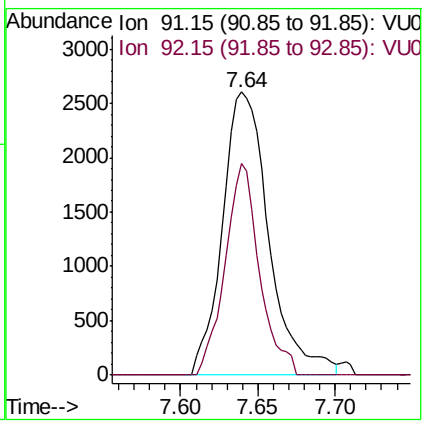


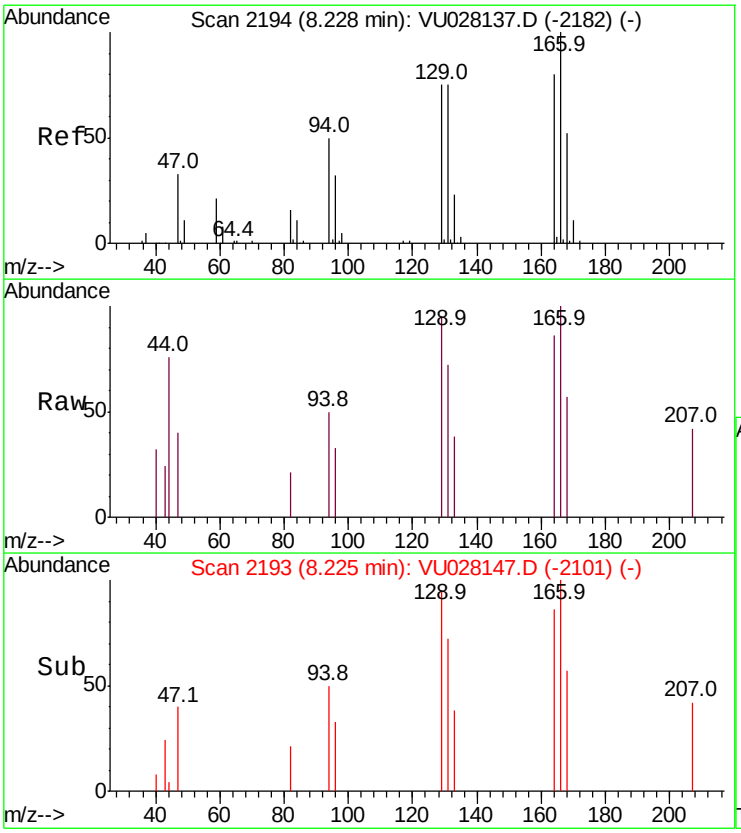
#42
Toluene
Concen: 0.122 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Instrument : MSVOA_U
ClientSampleId : H0FH8

Tgt Ion: 91 Resp: 5441

Ion	Ratio	Lower	Upper
91	100		
92	74.6	40.7	75.7

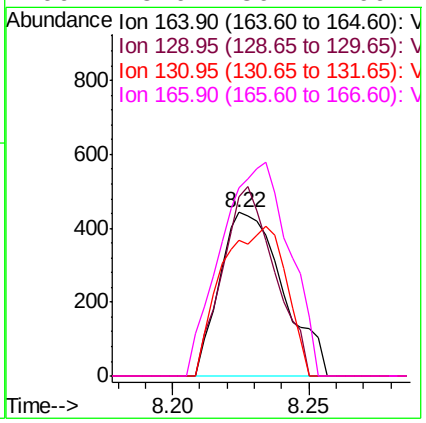


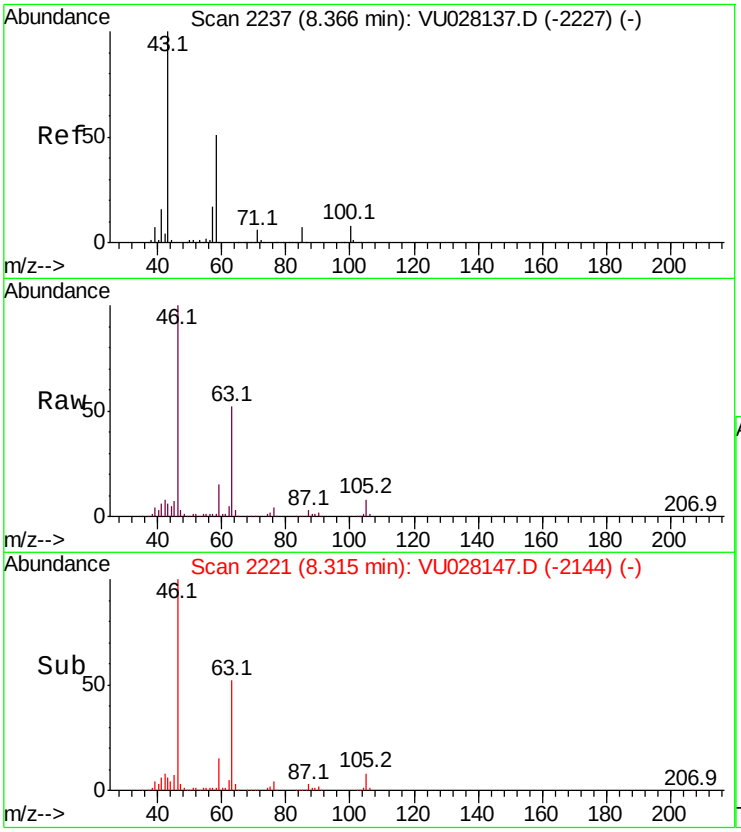


#47
Tetrachloroethene
Concen: 0.082 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Tgt Ion:164 Resp: 714

Ion	Ratio	Lower	Upper
164	100		
129	110.2	69.7	129.4
131	82.8	64.0	118.8
166	115.6	86.4	160.4



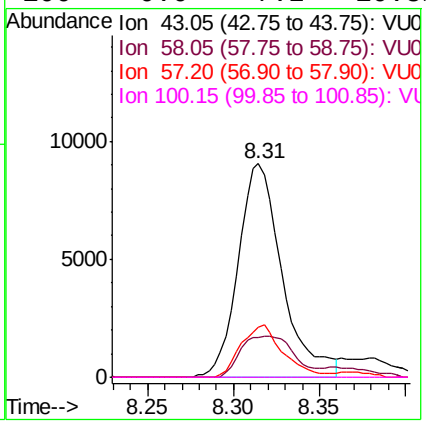


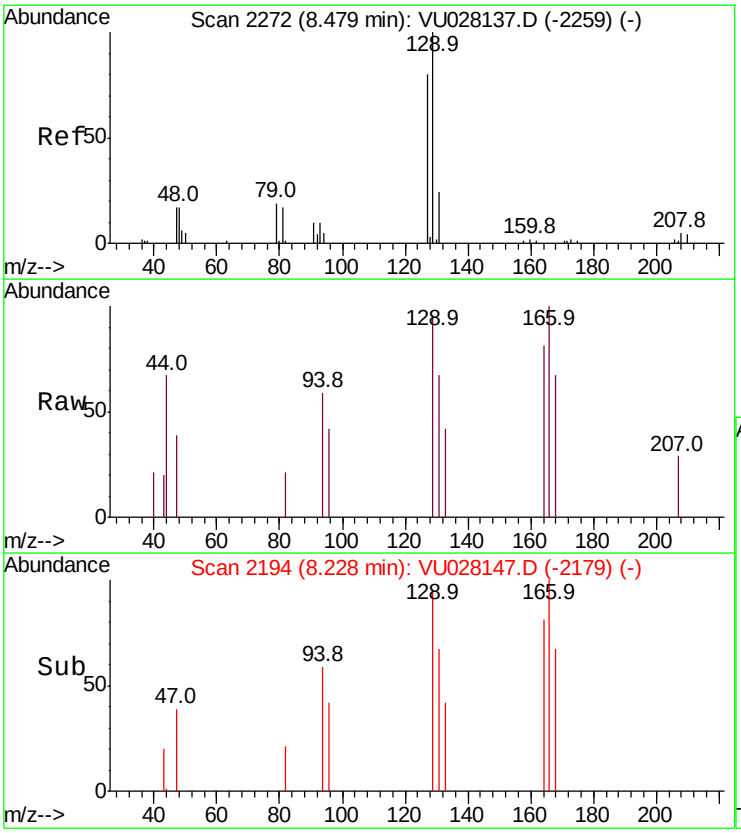
#48
2-Hexanone
Concen: 2.743 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Instrument : MSVOA_U
ClientSampleId : H0FH8

Tgt Ion: 43 Resp: 16125

Ion	Ratio	Lower	Upper
43	100		
58	23.3	41.7	62.5#
57	23.4	14.0	21.0#
100	0.0	7.2	10.8#

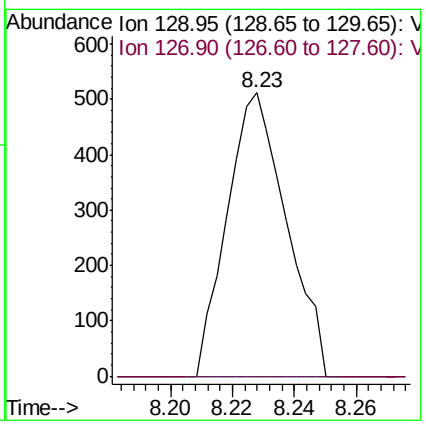


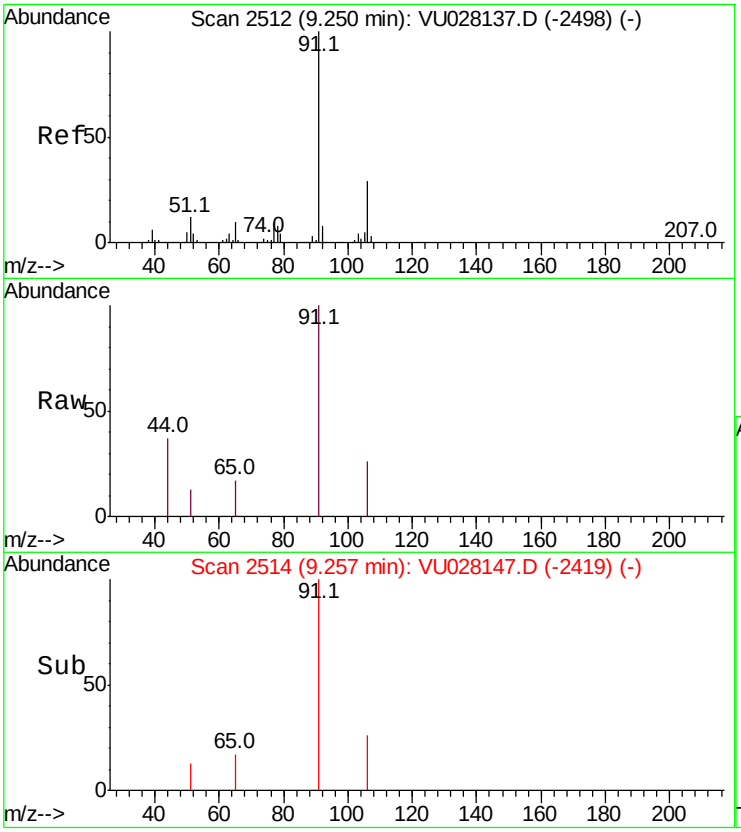


#49
Dibromochloromethane
Concen: 0.088 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Tgt Ion:129 Resp: 682

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#



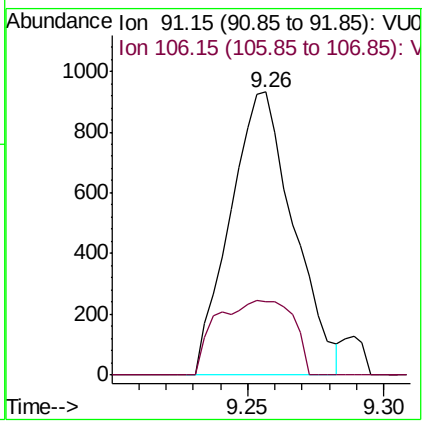


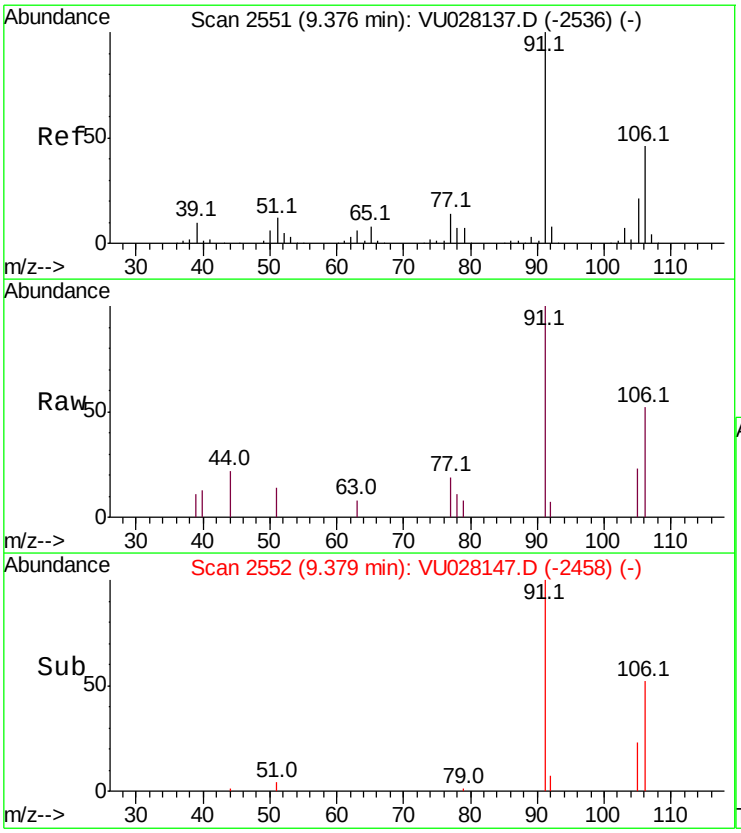
#52
Ethylbenzene
Concen: 0.031 ug/L
RT: 9.26 min Scan# 2514
Delta R.T. 0.01 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Instrument : MSVOA_U
ClientSampleId : H0FH8

Tgt Ion: 91 Resp: 1505

Ion	Ratio	Lower	Upper
91	100		
106	25.9	20.9	38.7

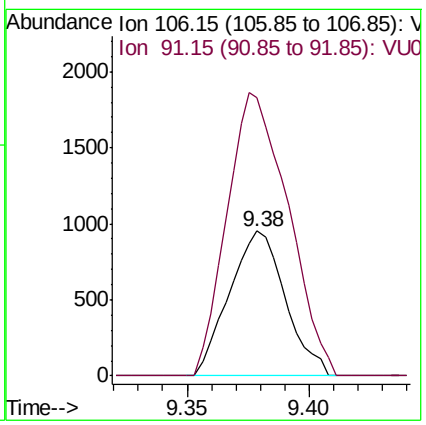


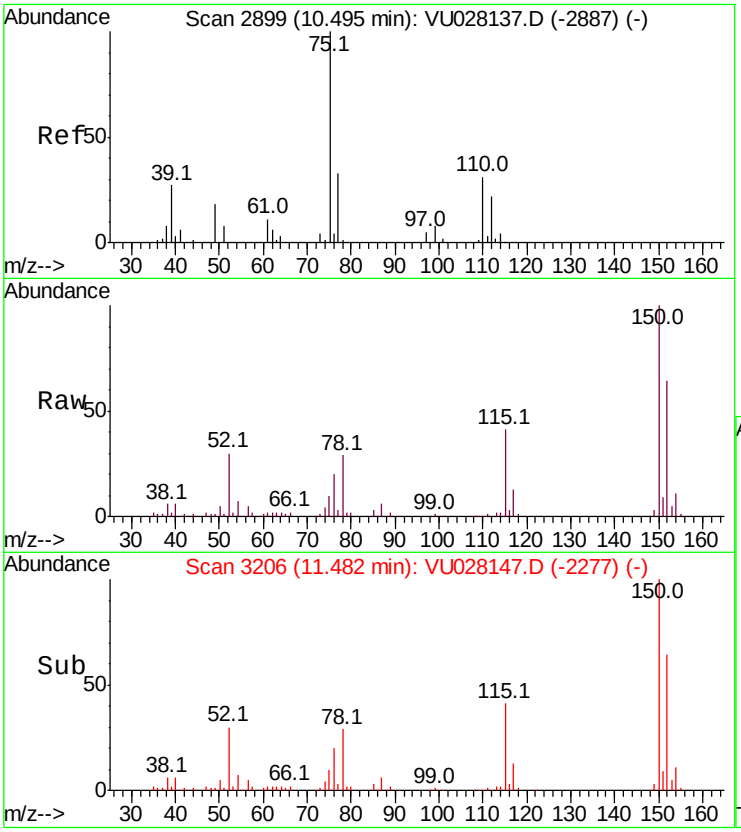


#53
m,p-xylene
Concen: 0.085 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Tgt Ion:106 Resp: 1510

Ion	Ratio	Lower	Upper
106	100		
91	192.4	145.7	270.7



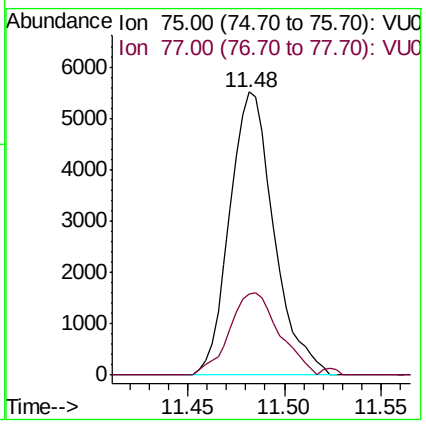


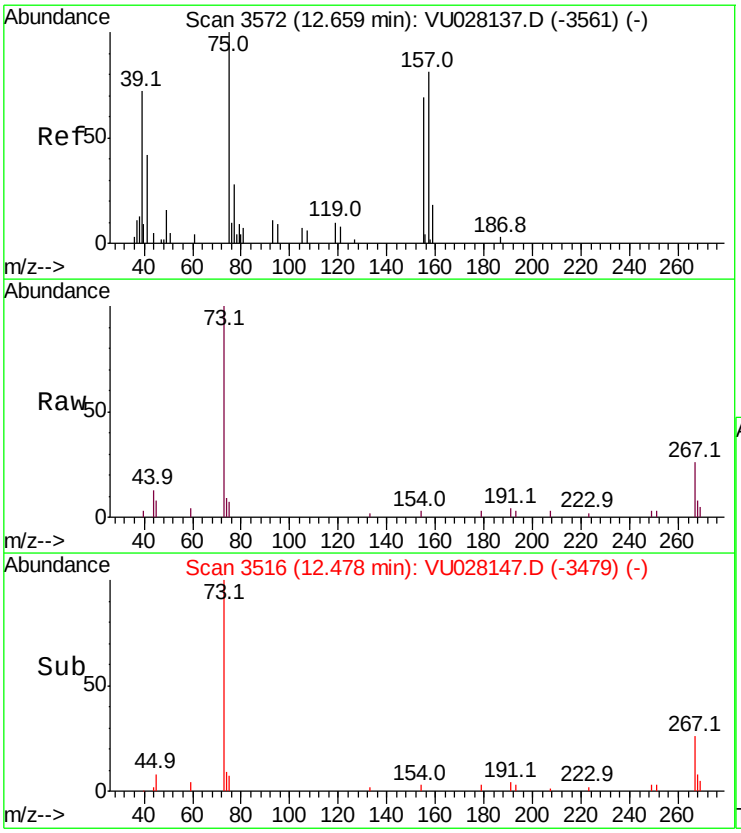
#59
1,2,3-Trichloropropane
Concen: 1.301 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Instrument : MSVOA_U
ClientSampleId : H0FH8

Tgt Ion: 75 Resp: 8765

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.4	38.0





#66
1,2-Dibromo-3-chloropropane
Concen: 0.373 ug/L
RT: 12.48 min Scan# 3516
Delta R.T. -0.18 min
Lab File: VU028147.D
Acq: 15 Nov 2018 02:30

Tgt Ion: 75 Resp: 496

Ion	Ratio	Lower	Upper
75	100		
155	0.0	62.8	94.2#
157	0.0	85.3	127.9#