Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\

Quantitation Report (Not Reviewed)

Data File : VU028171.D
Acq On : 15 Nov 2018 15:04
Operator : MD/SY
Sample : J5943-08RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH7

Quant Time: Nov 16 00:49:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	125162	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	120838	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53549	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	41493	3.99	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.80%				
7) Chloroethane-d5	1.68	69	35075	4.25	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.00%				
11) 1,1-Dichloroethene-d2	2.28	63	61185	3.15	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.00%				
20) 2-Butanone-d5	4.22	46	156147	51.84	ug/L		0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.68%				
24) Chloroform-d	4.65	84	76133	4.61	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%				
26) 1,2-Dichloroethane-d4	5.31	65	44271	4.80	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%				
32) Benzene-d6	5.34	84	153983	4.44	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%				
36) 1,2-Dichloropropane-d6	6.33	67	57371	4.62	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%				
41) Toluene-d8	7.57	98	133943	4.15	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.00%				
43) trans-1,3-Dichloropropene-	7.85	79	17104	3.87	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%				
46) 2-Hexanone-d5	8.32	63	118693	46.95	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.90%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41739	4.76	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%				
64) 1,2-Dichlorobenzene-d4	11.86	152	48274	4.82	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	136612	10.190	ug/L		99
8) Chloroethane	1.70	64	4507	0.558	ug/L		84
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	464	0.057	ug/L	#	1
12) 1,1-Dichloroethene	2.29	96	852	0.102	ug/L	#	1
13) Acetone	2.36	43	2956	1.457	ug/L		66
18) trans-1,2-Dichloroethene	2.99	96	8070	0.912	ug/L		95
19) 1,1-Dichloroethane	3.45	63	79366	4.265	ug/L		99
22) cis-1,2-Dichloroethene	4.23	96	17273	1.771	ug/L		97
25) Chloroform	4.68	83	1025	0.061	ug/L	#	70
30) Cyclohexane	4.99	56	3345	0.174	ug/L		94
33) Benzene	5.39	78	31873	0.783	ug/L		100
34) Trichloroethene	6.19	95	5409	0.538	ug/L		92
35) Methylcyclohexane	6.33	83	11589	0.670	ug/L	#	16
37) 1,2-Dichloropropane	6.44	63	877	0.078	ug/L	#	92
39) cis-1,3-Dichloropropene	7.22	75	1264	0.083	ug/L	#	59
42) Toluene	7.64	91	3076	0.073	ug/L		91
48) 2-Hexanone	8.32	43	14374	2.606	ug/L	#	66

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\

Quantitation Report (Not Reviewed)

Data File : VU028171.D
Acq On : 15 Nov 2018 15:04
Operator : MD/SY
Sample : J5943-08RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH7

Quant Time: Nov 16 00:49:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.23	129	451	0.062	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	7741	1.224	ug/L	90

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\

Quantitation Report (Not Reviewed)

Data File : VU028171.D
Acq On : 15 Nov 2018 15:04
Operator : MD/SY
Sample : J5943-08RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
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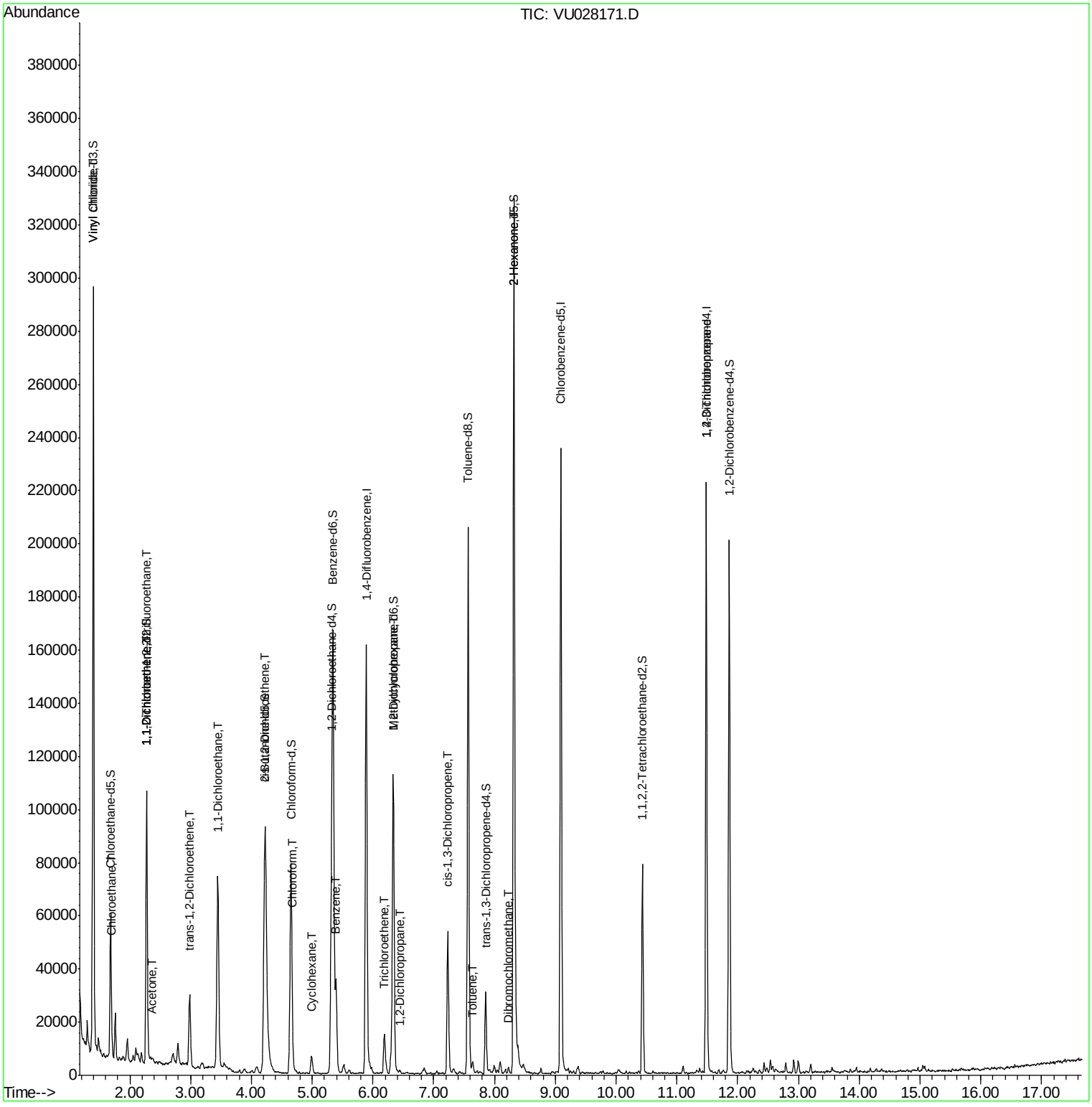
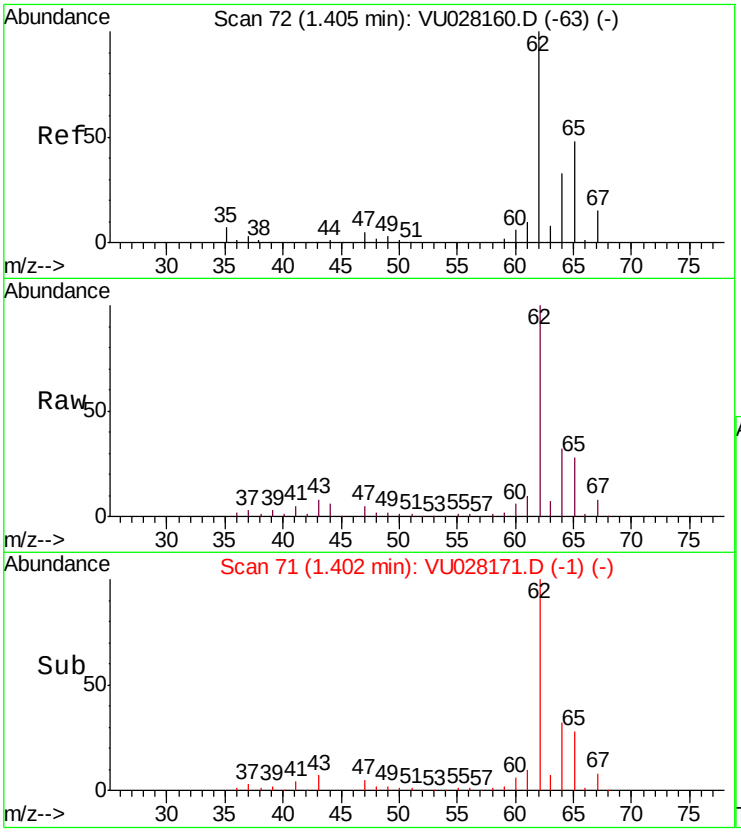
Quant Time: Nov 16 00:49:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration



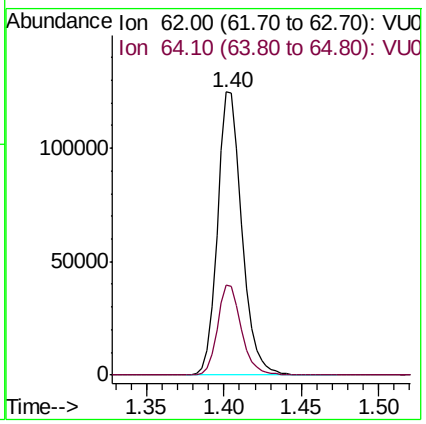


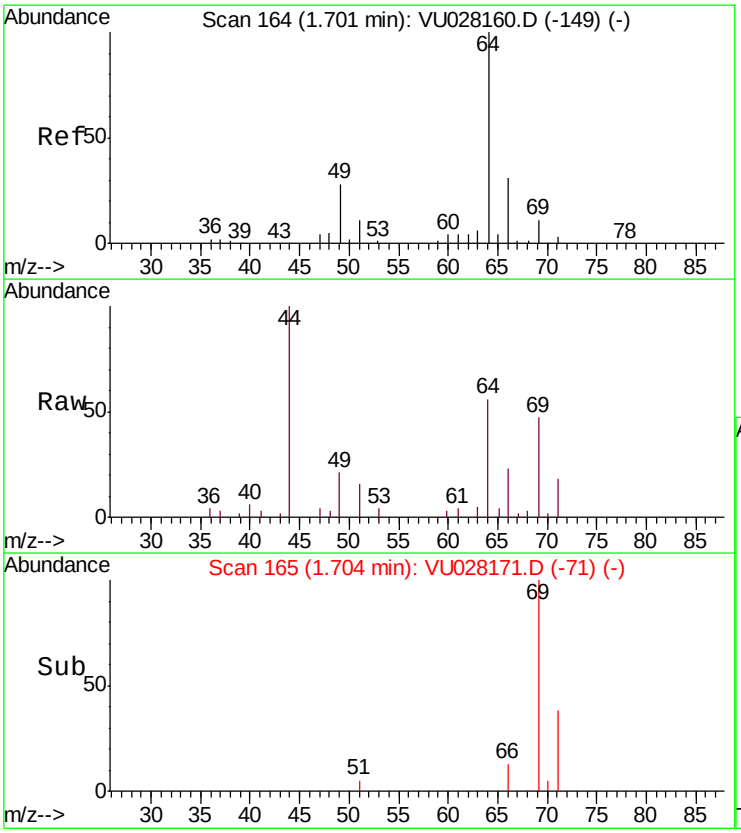
#5
Vinyl chloride
Concen: 10.190 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Instrument :
MSVOA_U
ClientSampleId :
H0FH7

Tgt Ion: 62 Resp: 136612

Ion	Ratio	Lower	Upper
62	100		
64	32.0	22.7	42.3

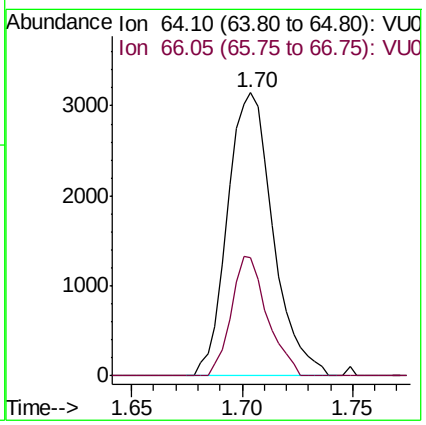


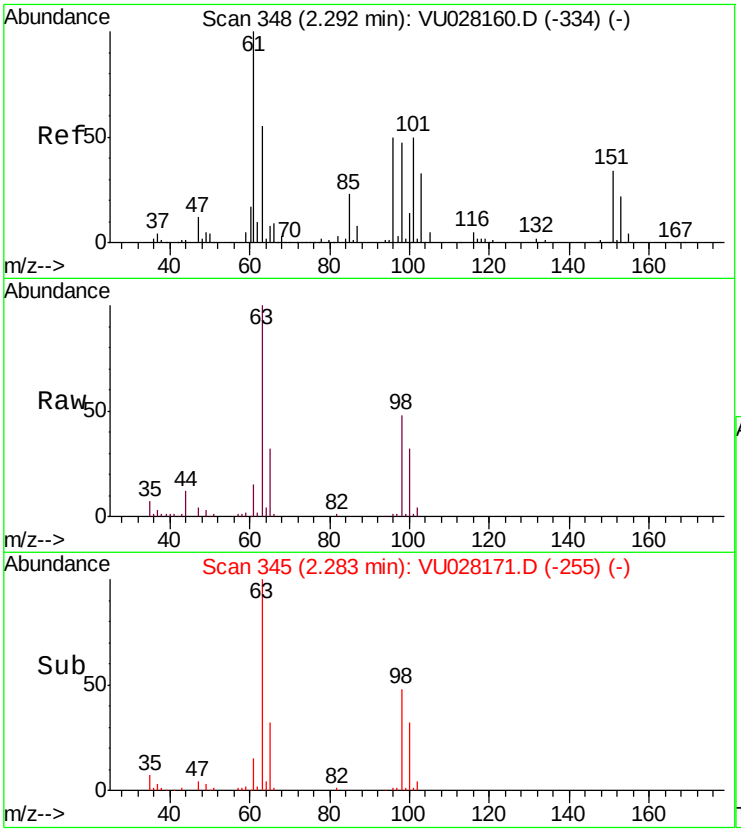


#8
Chloroethane
Concen: 0.558 ug/L
RT: 1.70 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Tgt Ion: 64 Resp: 4507

Ion	Ratio	Lower	Upper
64	100		
66	42.0	23.1	42.9



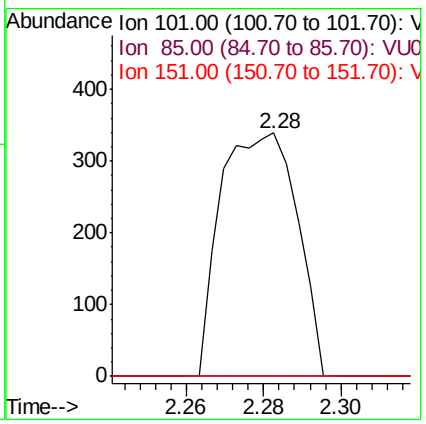


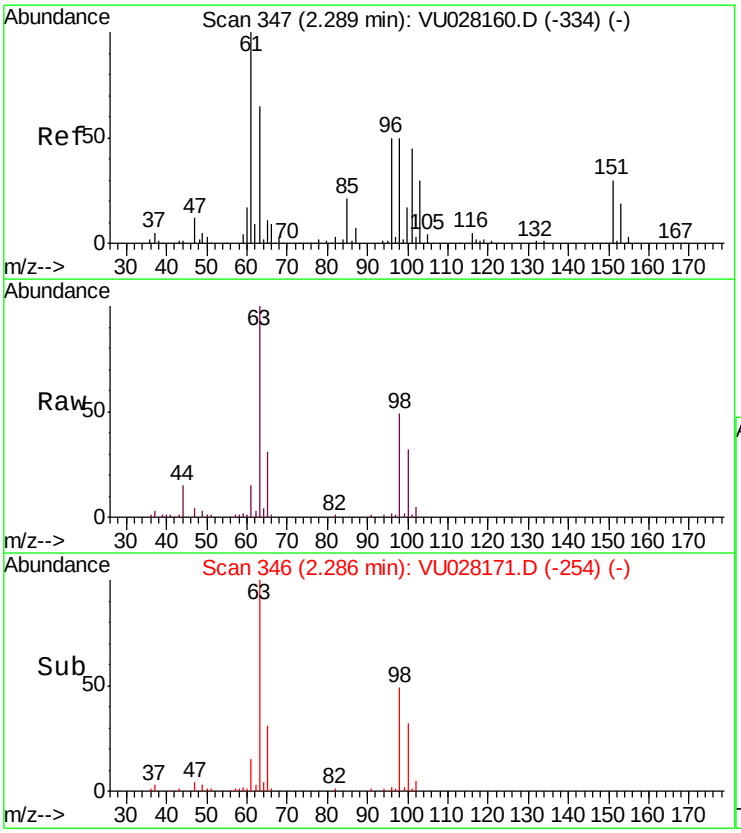
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.01 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Instrument : MSVOA_U
ClientSampleId : H0FH7

Tgt Ion:101 Resp: 464

Ion	Ratio	Lower	Upper
101	100		
85	212.3	37.6	56.4#
151	0.0	58.2	87.2#

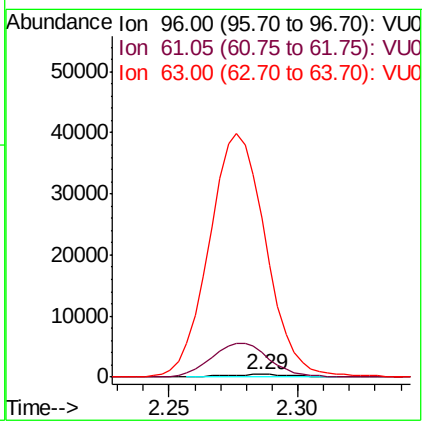


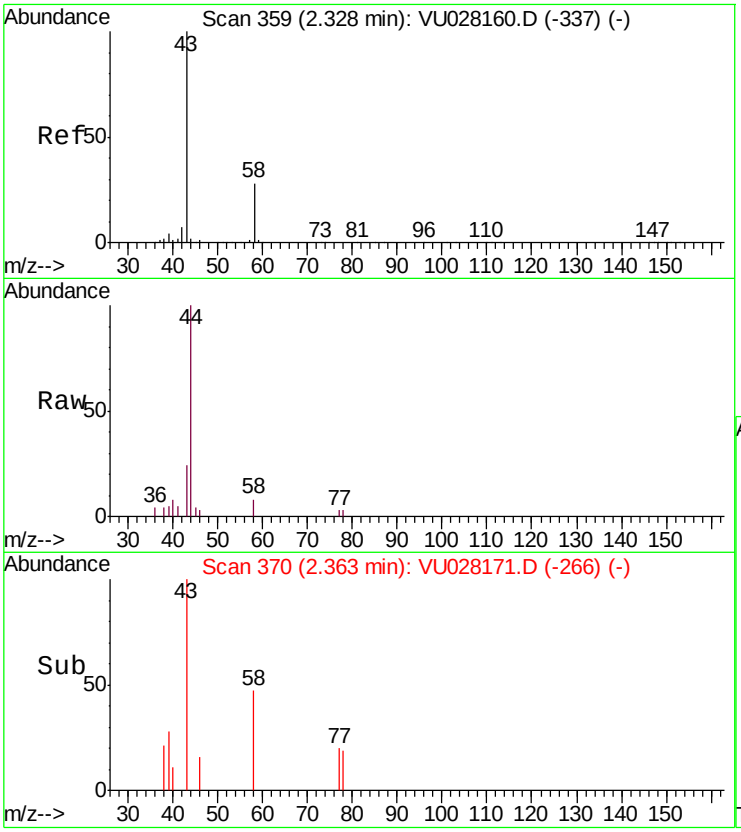


#12
1,1-Dichloroethene
Concen: 0.102 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Tgt Ion: 96 Resp: 852

Ion	Ratio	Lower	Upper
96	100		
61	906.6	134.8	250.3#
63	5909.1	100.1	185.9#



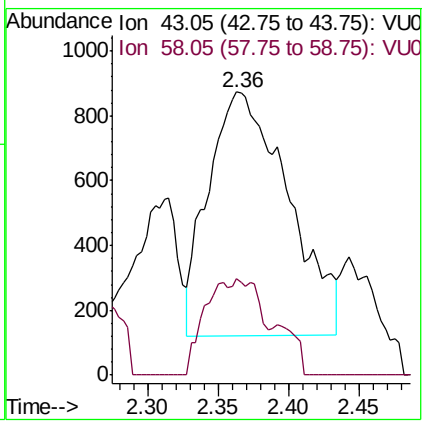


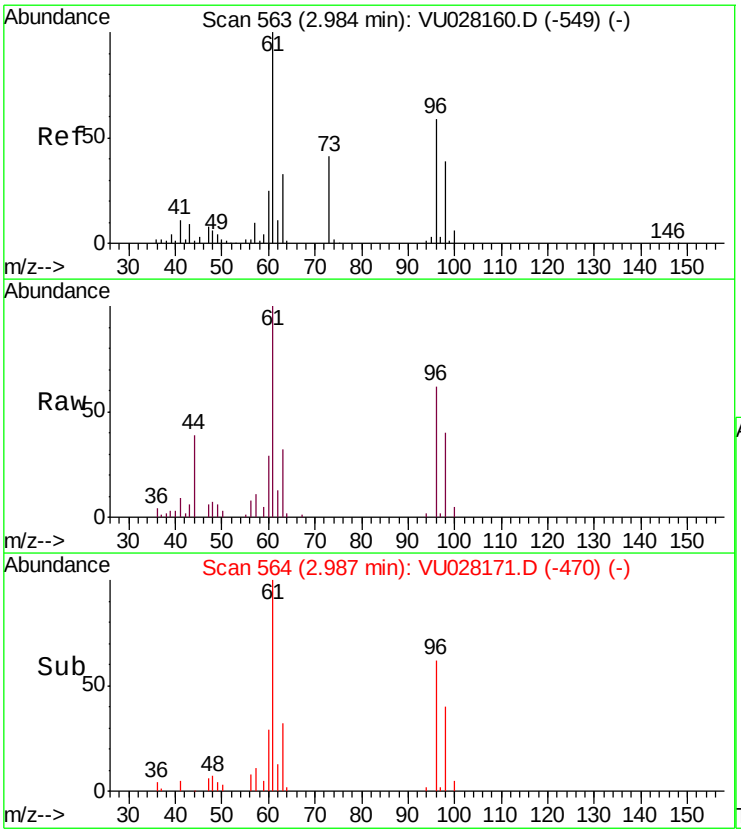
#13
Acetone
Concen: 1.457 ug/L
RT: 2.36 min Scan# 370
Delta R.T. 0.04 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Instrument : MSVOA_U
ClientSampleId : H0FH7

Tgt Ion: 43 Resp: 2956

Ion	Ratio	Lower	Upper
43	100		
58	12.4	0.0	61.6

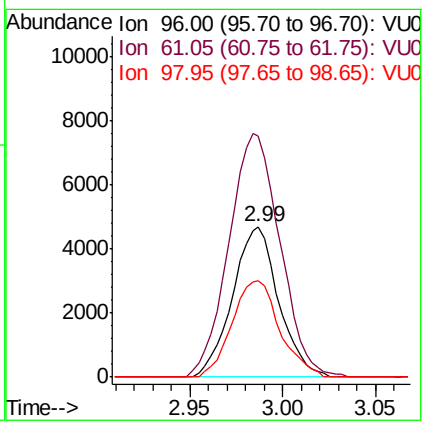


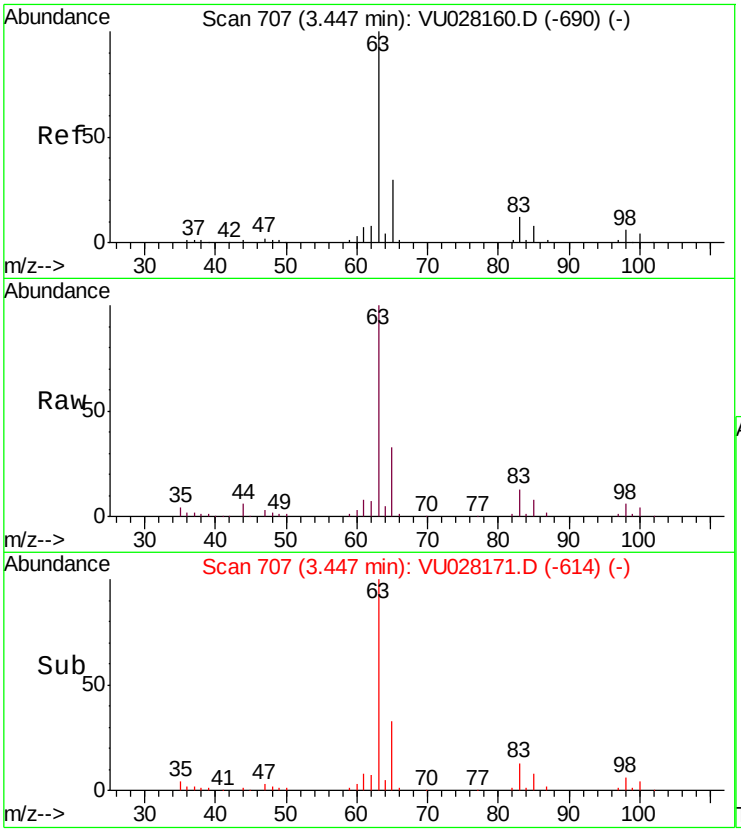


#18
trans-1,2-Dichloroethene
Concen: 0.912 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Tgt Ion: 96 Resp: 8070

Ion	Ratio	Lower	Upper
96	100		
61	160.3	118.5	220.1
98	64.0	44.9	83.5



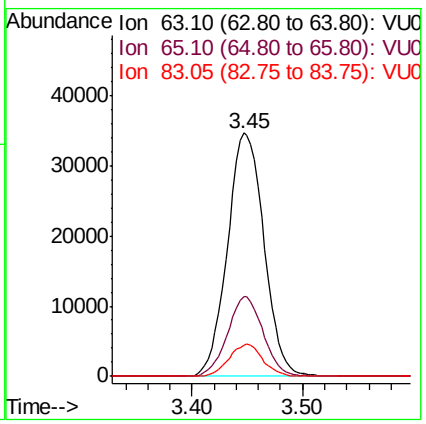


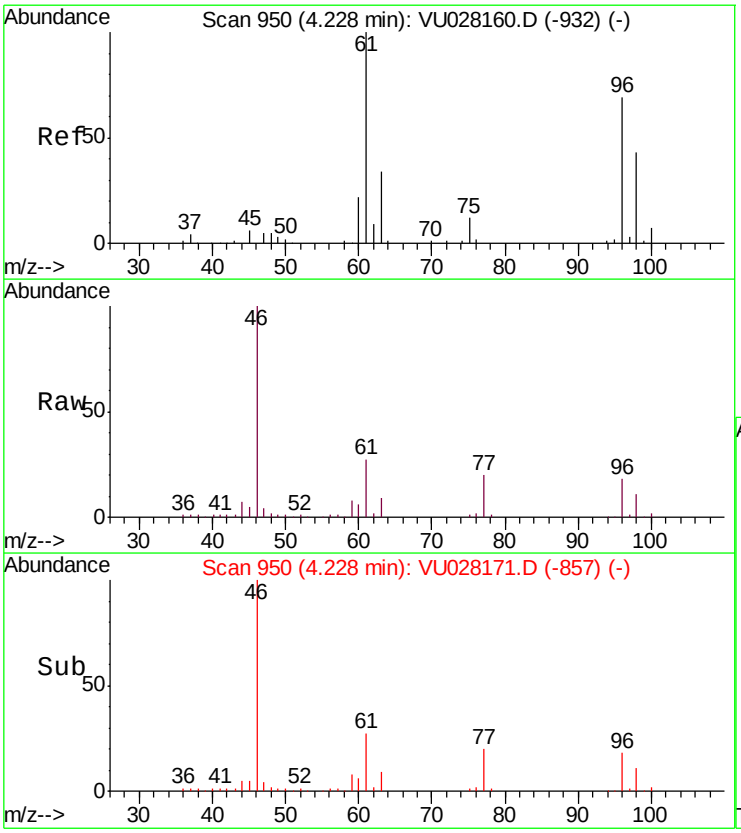
#19
1,1-Dichloroethane
Concen: 4.265 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Instrument : MSVOA_U
ClientSampleId : H0FH7

Tgt Ion: 63 Resp: 79366

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.2	41.2
83	12.6	8.9	16.5

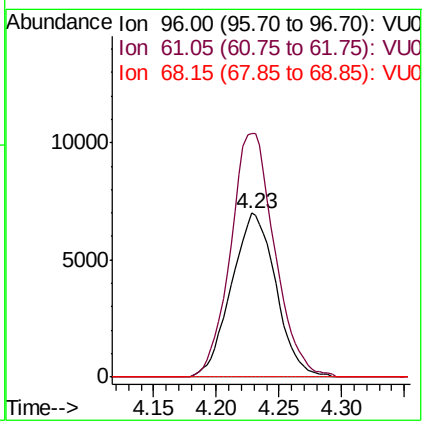


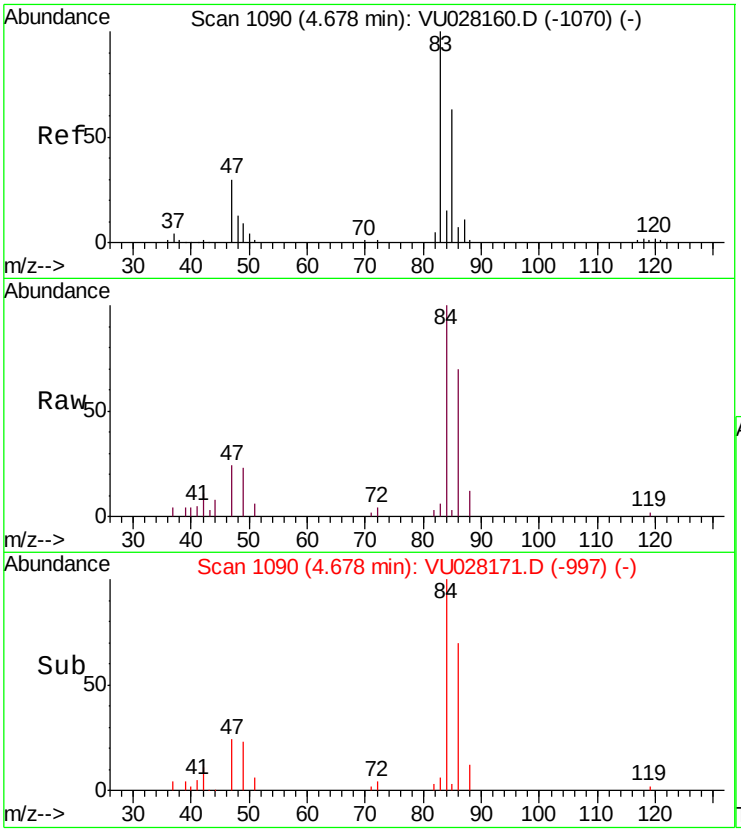


#22
cis-1,2-Dichloroethene
Concen: 1.771 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Tgt Ion: 96 Resp: 17273

Ion	Ratio	Lower	Upper
96	100		
61	148.8	101.8	189.0
68	0.0	0.0	0.0



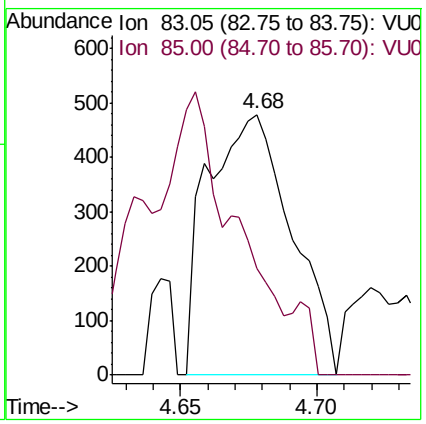


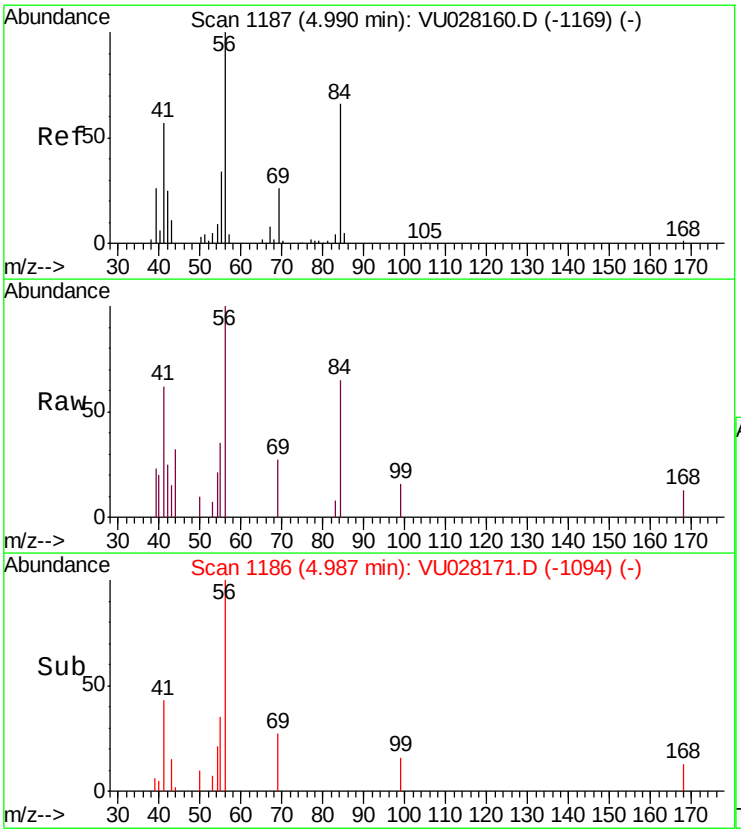
#25
Chloroform
Concen: 0.061 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Instrument : MSVOA_U
ClientSampleId : H0FH7

Tgt Ion: 83 Resp: 1025

Ion	Ratio	Lower	Upper
83	100		
85	41.1	45.0	83.6#

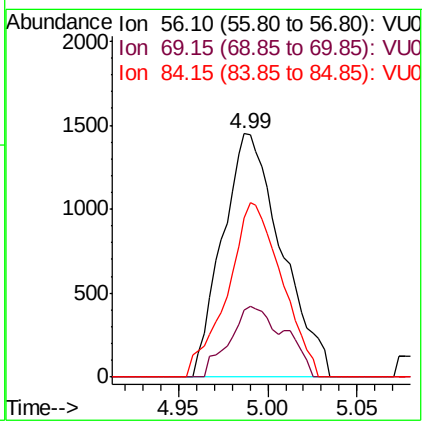


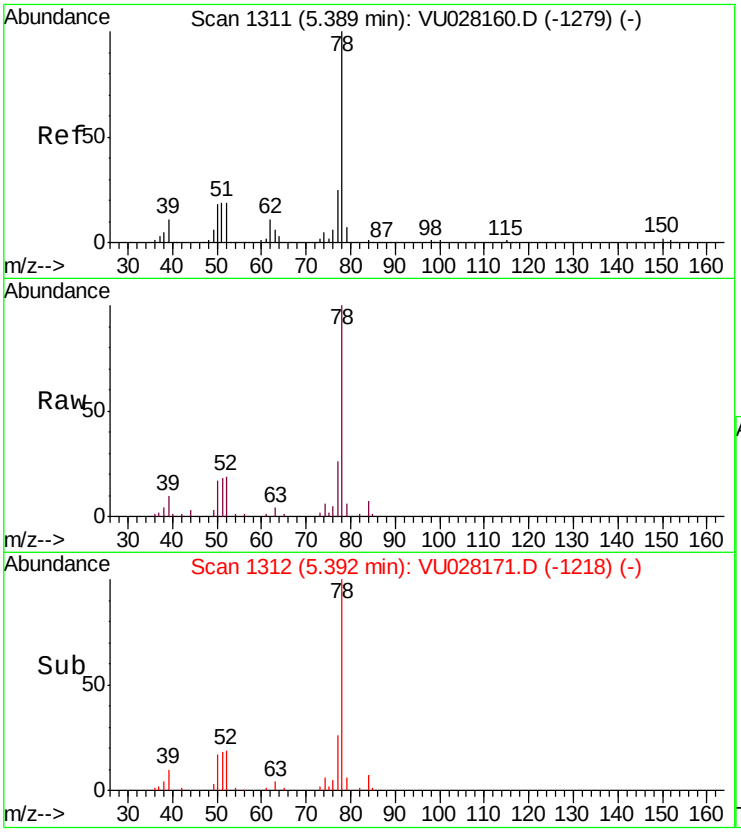


#30
Cyclohexane
Concen: 0.174 ug/L
RT: 4.99 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Tgt Ion: 56 Resp: 3345

Ion	Ratio	Lower	Upper
56	100		
69	27.1	22.6	33.8
84	65.7	57.7	86.5

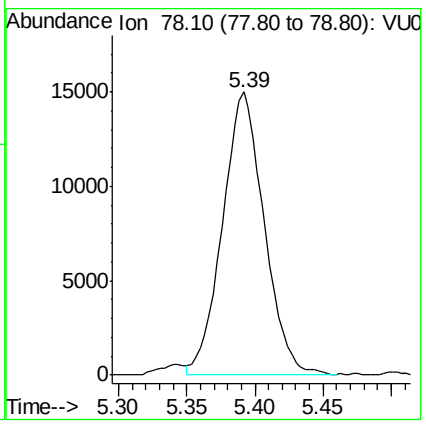


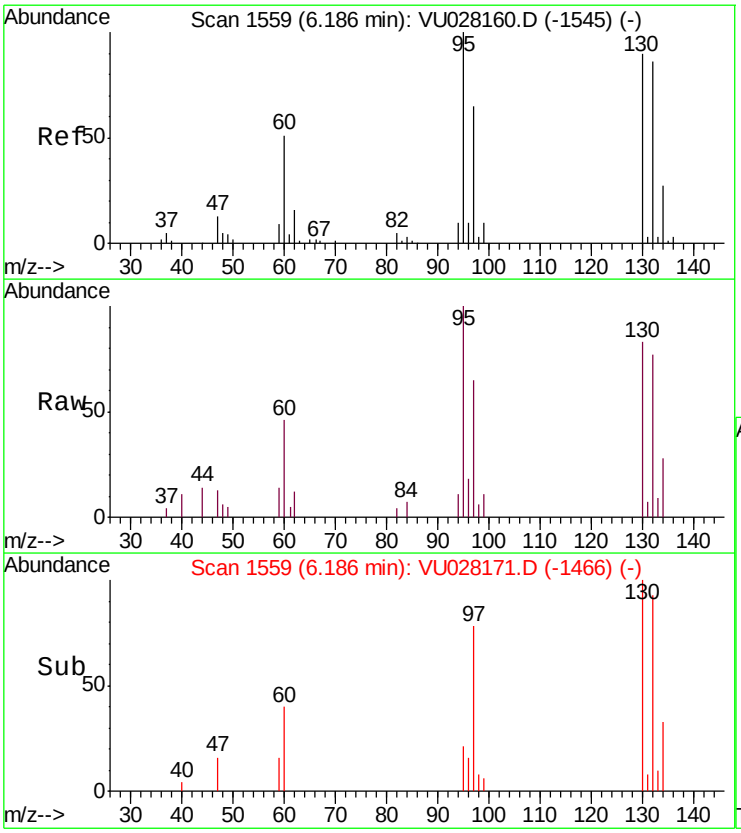


#33
Benzene
Concen: 0.783 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Instrument :
MSVOA_U
ClientSampleId :
H0FH7

Tgt Ion: 78 Resp: 31873

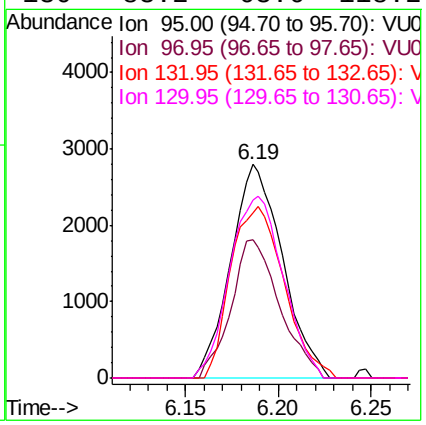


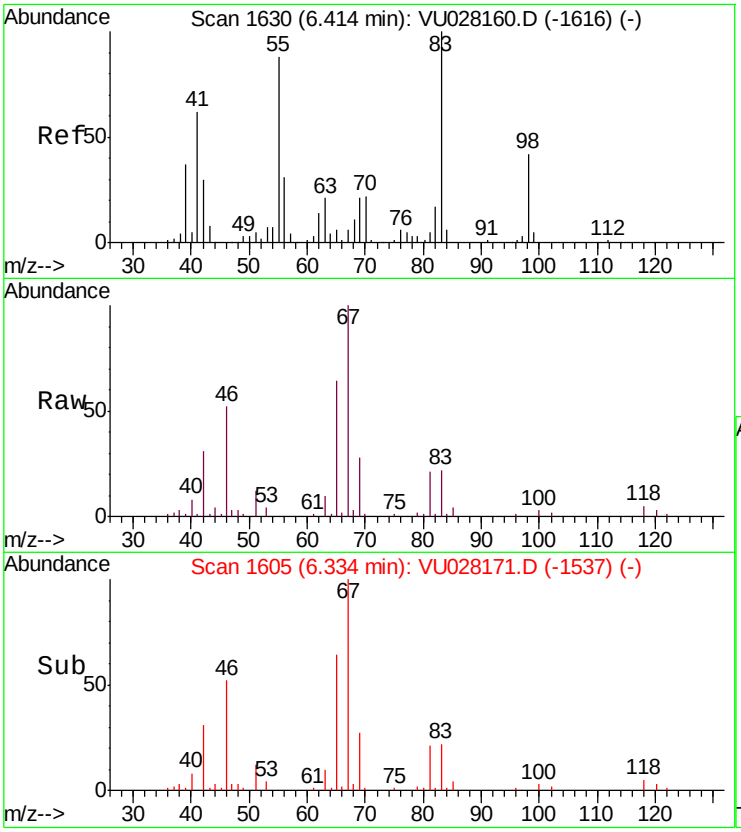


#34
Trichloroethene
Concen: 0.538 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Tgt Ion: 95 Resp: 5409

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.3	84.1
132	77.2	63.0	117.0
130	83.2	63.6	118.2



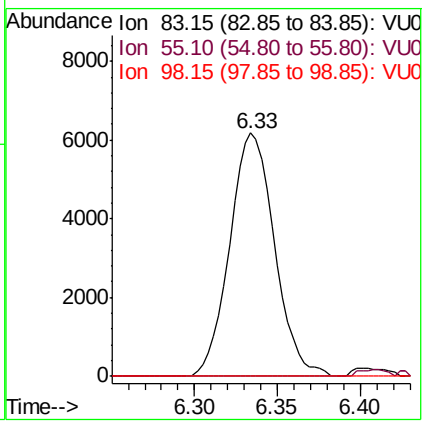


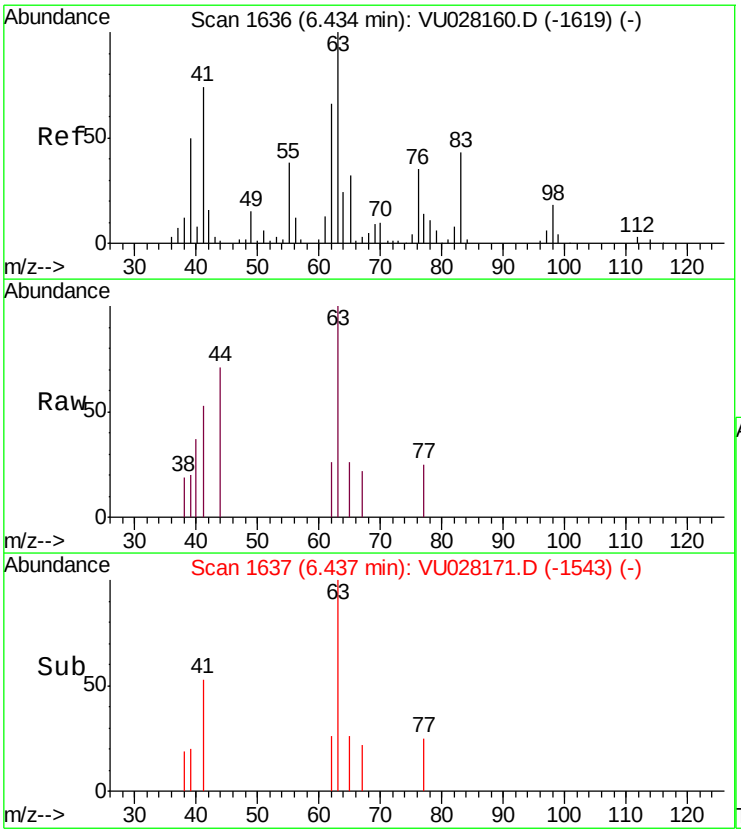
#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Instrument : MSVOA_U
ClientSampleId : H0FH7

Tgt Ion: 83 Resp: 11589

Ion	Ratio	Lower	Upper
83	100		
55	1.7	69.0	103.4#
98	0.0	33.3	49.9#

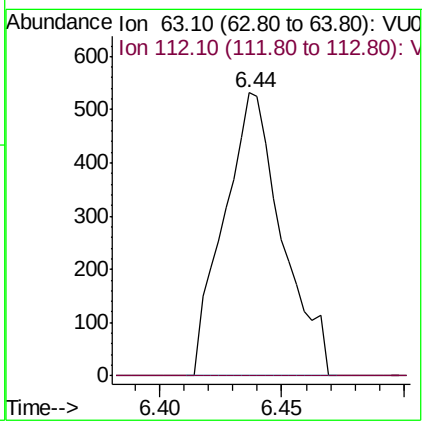


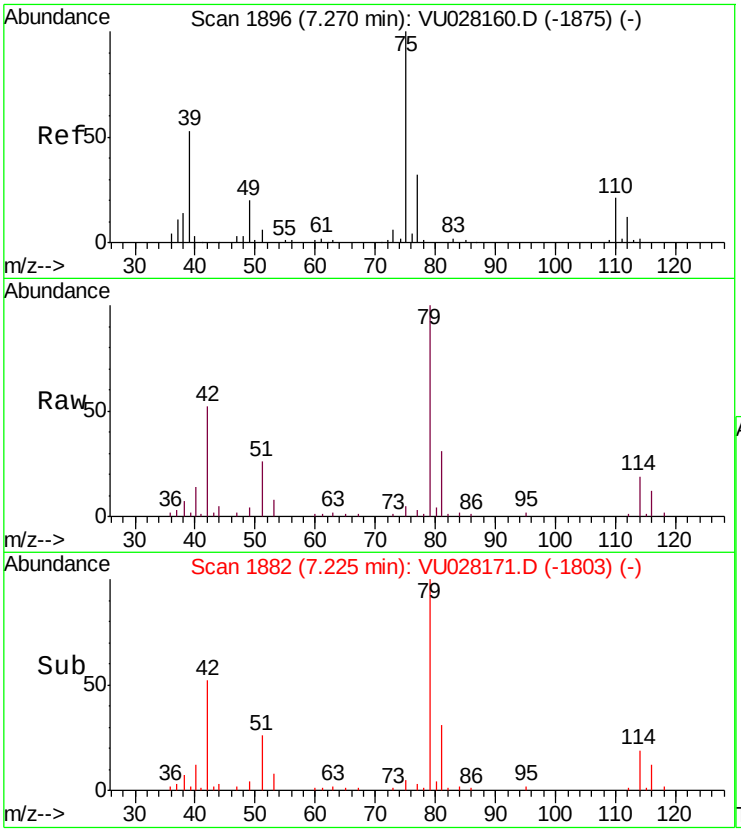


#37
1,2-Dichloropropane
Concen: 0.078 ug/L
RT: 6.44 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Tgt Ion: 63 Resp: 877

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#



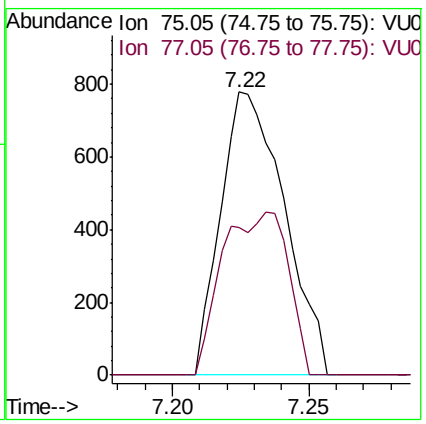


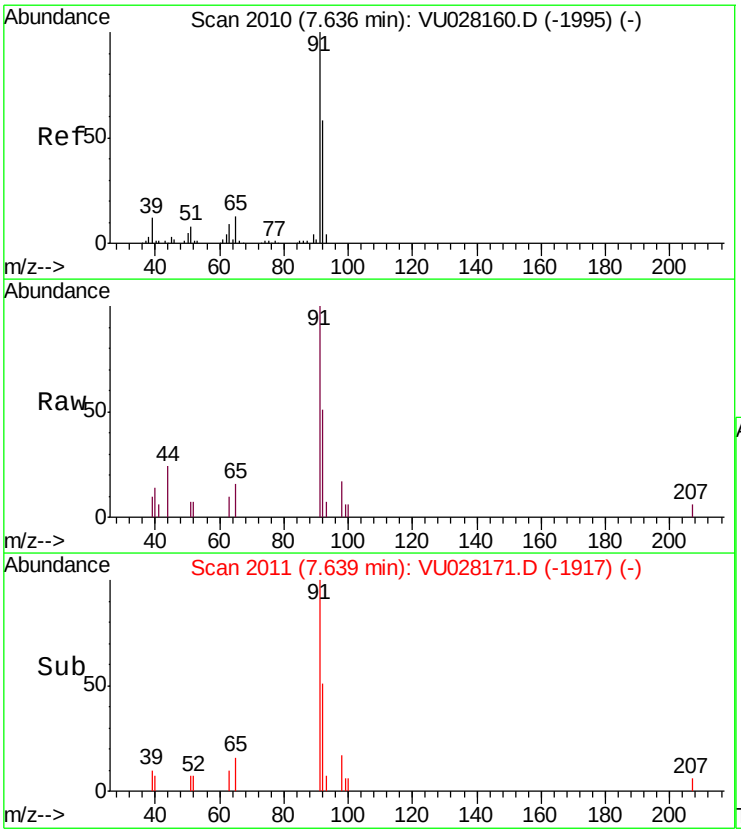
#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.05 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Instrument : MSVOA_U
ClientSampleId : H0FH7

Tgt Ion: 75 Resp: 1264

Ion	Ratio	Lower	Upper
75	100		
77	52.3	20.9	38.9#

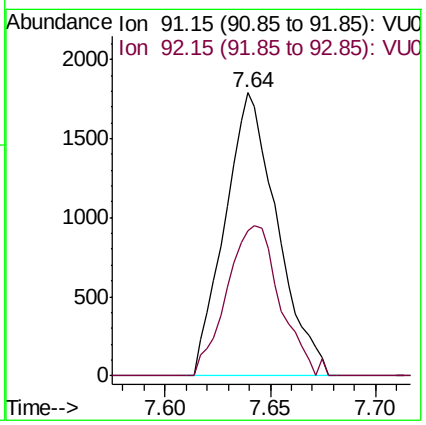


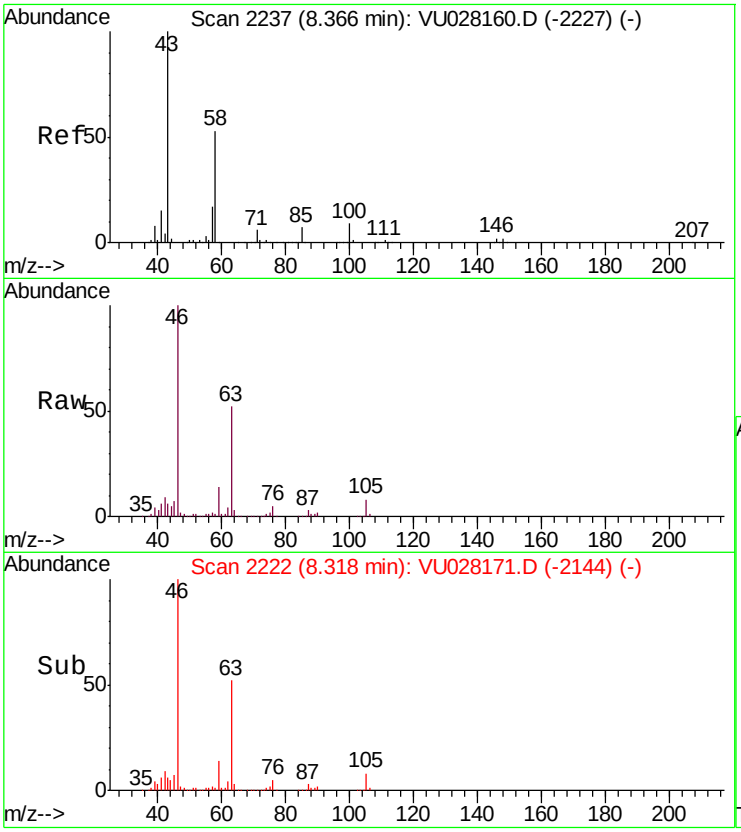


#42
Toluene
Concen: 0.073 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Tgt Ion: 91 Resp: 3076

Ion	Ratio	Lower	Upper
91	100		
92	51.4	40.7	75.7



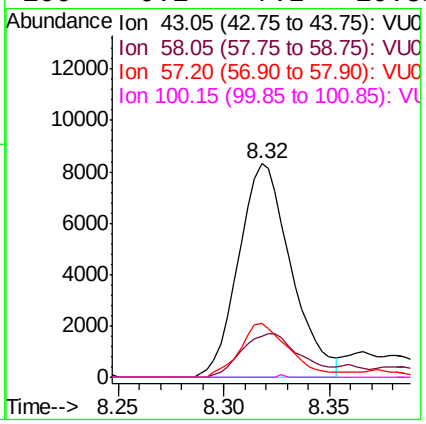


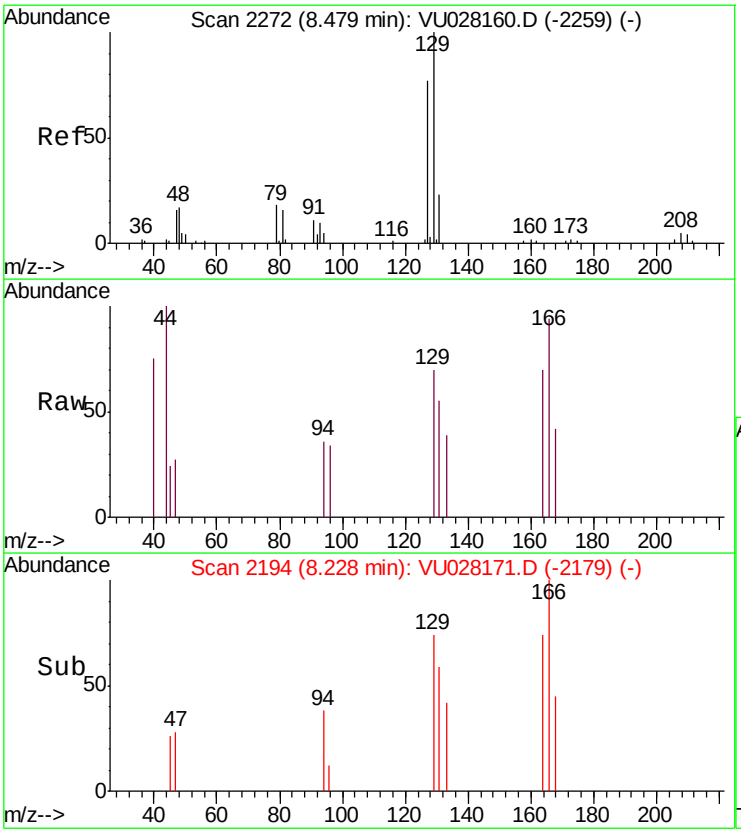
#48
2-Hexanone
Concen: 2.606 ug/L
RT: 8.32 min Scan# 2222
Delta R.T. -0.05 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Instrument : MSVOA_U
ClientSampleId : H0FH7

Tgt Ion: 43 Resp: 14374

Ion	Ratio	Lower	Upper
43	100		
58	22.6	41.7	62.5#
57	24.4	14.0	21.0#
100	0.1	7.2	10.8#

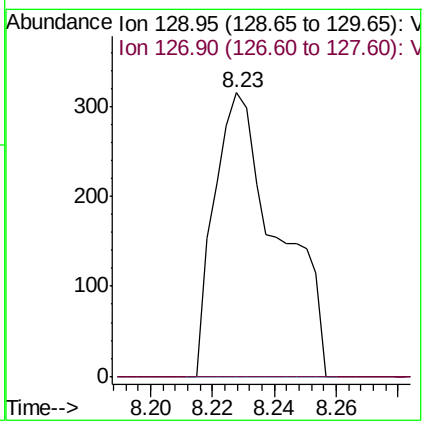


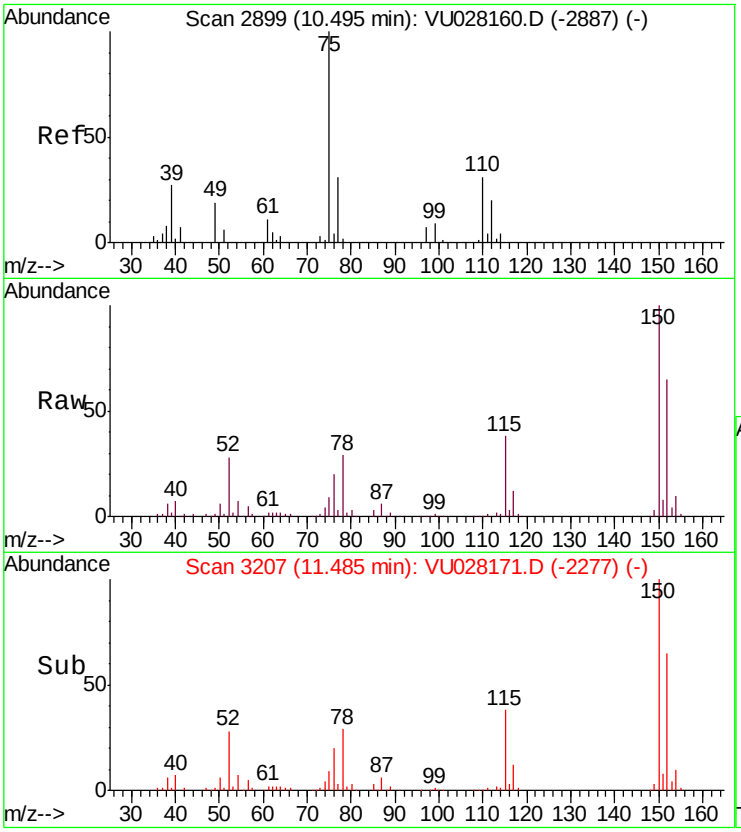


#49
Dibromochloromethane
Concen: 0.062 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Tgt Ion:129 Resp: 451

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 1.224 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028171.D
Acq: 15 Nov 2018 15:04

Instrument :
MSVOA_U
ClientSampleId :
H0FH7

Tgt Ion: 75 Resp: 7741

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.4	38.0