Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\

Quantitation Report (Not Reviewed)

Data File : VU028255.D
Acq On : 19 Nov 2018 15:15
Operator : MD/SY
Sample : J5986-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN3

Quant Time: Nov 20 07:12:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	127467	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	122151	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53120	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	44708	4.66	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%				
7) Chloroethane-d5	1.68	69	38568	4.66	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%				
11) 1,1-Dichloroethene-d2	2.28	63	64488	3.38	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%				
20) 2-Butanone-d5	4.21	46	139488	43.46	ug/L		0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.92%				
24) Chloroform-d	4.65	84	78834	4.40	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%				
26) 1,2-Dichloroethane-d4	5.31	65	44981	4.55	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%				
32) Benzene-d6	5.34	84	154699	4.40	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%				
36) 1,2-Dichloropropane-d6	6.33	67	59016	4.62	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%				
41) Toluene-d8	7.57	98	137070	4.36	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%				
43) trans-1,3-Dichloropropene-	7.85	79	14586	3.58	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.60%				
46) 2-Hexanone-d5	8.32	63	101999	41.70	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.40%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	42842	4.65	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%				
64) 1,2-Dichlorobenzene-d4	11.86	152	46262	4.68	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	230756	17.836	ug/L		97
8) Chloroethane	1.69	64	2176	0.285	ug/L	#	45
12) 1,1-Dichloroethene	2.28	96	646	0.082	ug/L	#	1
17) Methyl tert-butyl Ether	3.01	73	4528	0.192	ug/L	#	9
18) trans-1,2-Dichloroethene	2.98	96	6305	0.754	ug/L		88
19) 1,1-Dichloroethane	3.45	63	4321	0.223	ug/L		95
22) cis-1,2-Dichloroethene	4.23	96	225428	22.815	ug/L		90
27) 1,2-Dichloroethane	5.34	62	875	0.073	ug/L	#	78
30) Cyclohexane	5.00	56	2433	0.135	ug/L	#	78
33) Benzene	5.39	78	7952	0.197	ug/L		100
34) Trichloroethene	6.19	95	2470	0.250	ug/L		91
37) 1,2-Dichloropropane	6.33	63	5621	0.489	ug/L	#	92
42) Toluene	7.64	91	2555	0.063	ug/L		89
47) Tetrachloroethene	8.23	164	481	0.070	ug/L		79
48) 2-Hexanone	8.37	43	3390	0.578	ug/L	#	45
59) 1,2,3-Trichloropropane	11.48	75	8114	1.221	ug/L		93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\

Quantitation Report (Not Reviewed)

Data File : VU028255.D
Acq On : 19 Nov 2018 15:15
Operator : MD/SY
Sample : J5986-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN3

Quant Time: Nov 20 07:12:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
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\VU111918\

Quantitation Report (Not Reviewed)

Data File : VU028255.D
Acq On : 19 Nov 2018 15:15
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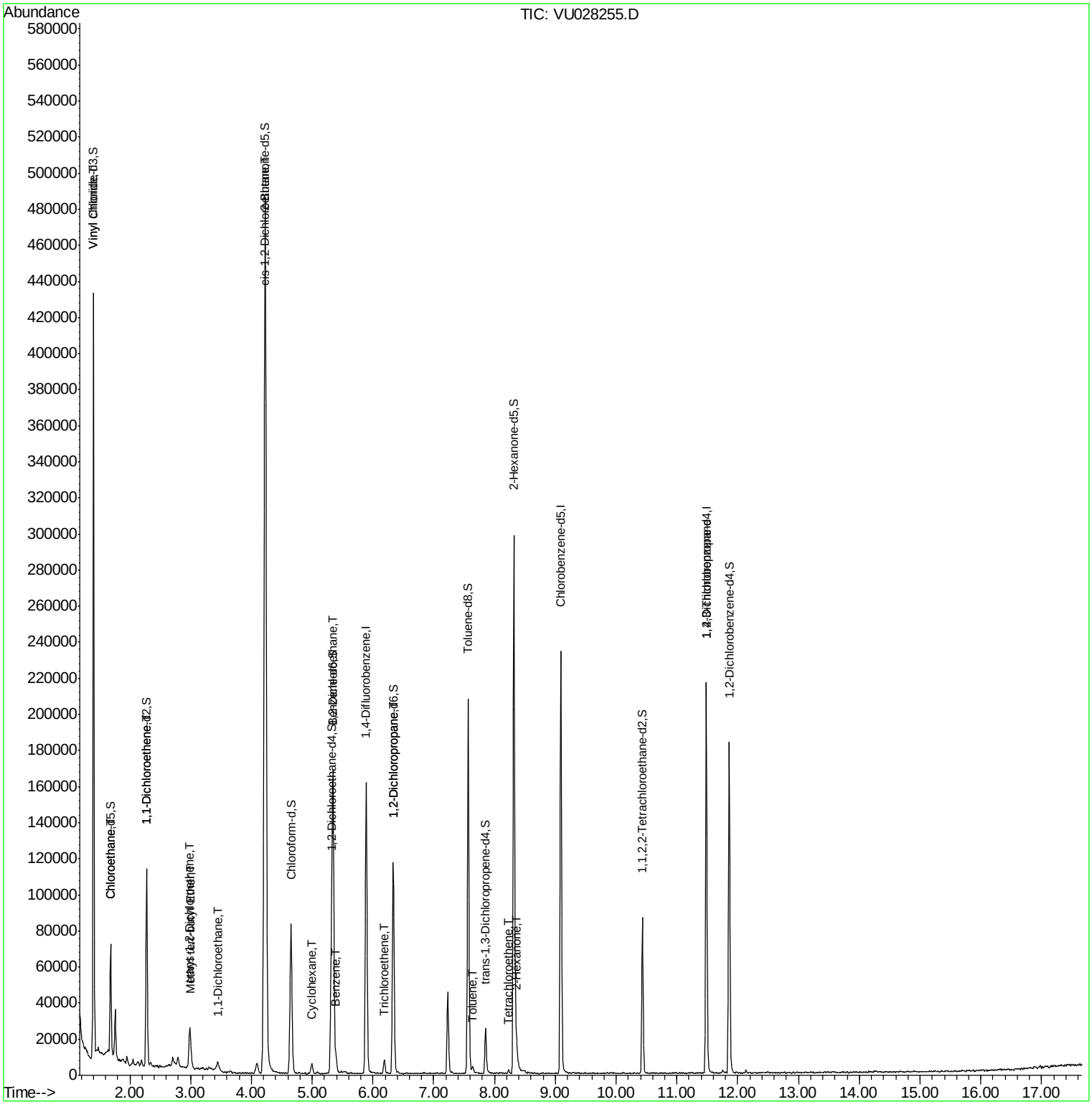
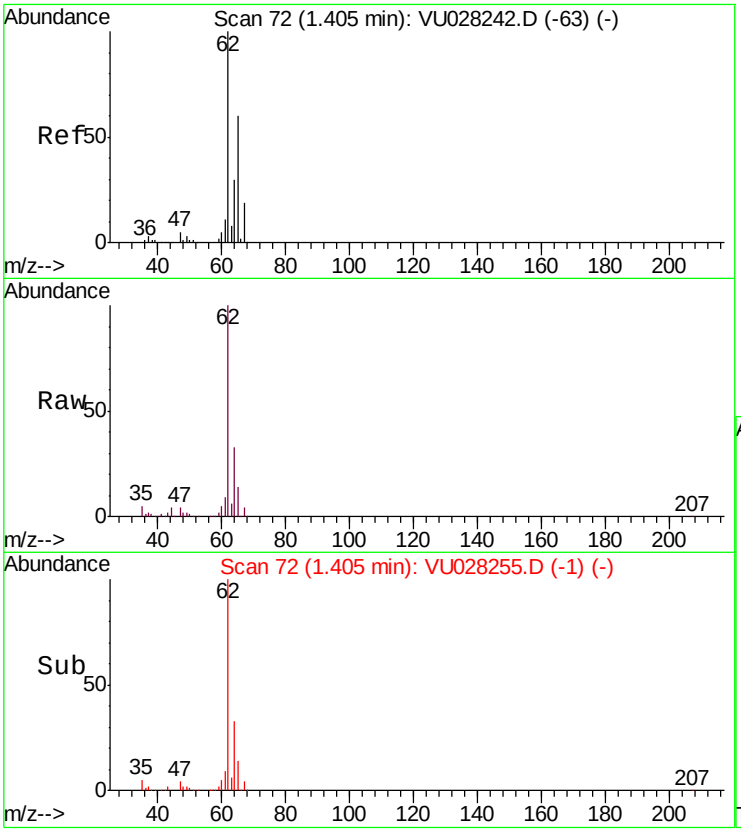
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration



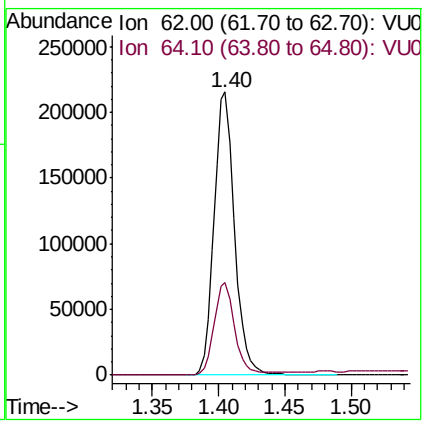


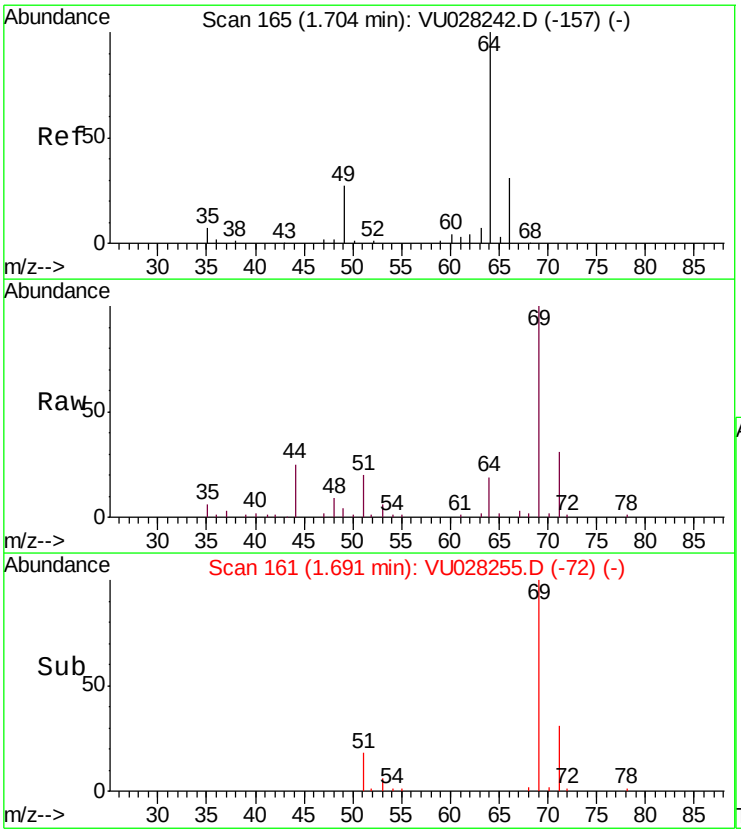
#5
Vinyl chloride
Concen: 17.836 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
H0FN3

Tgt Ion: 62 Resp: 230756

Ion	Ratio	Lower	Upper
62	100		
64	32.5	21.7	40.3

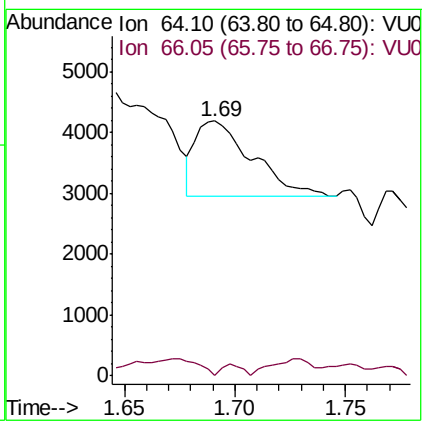


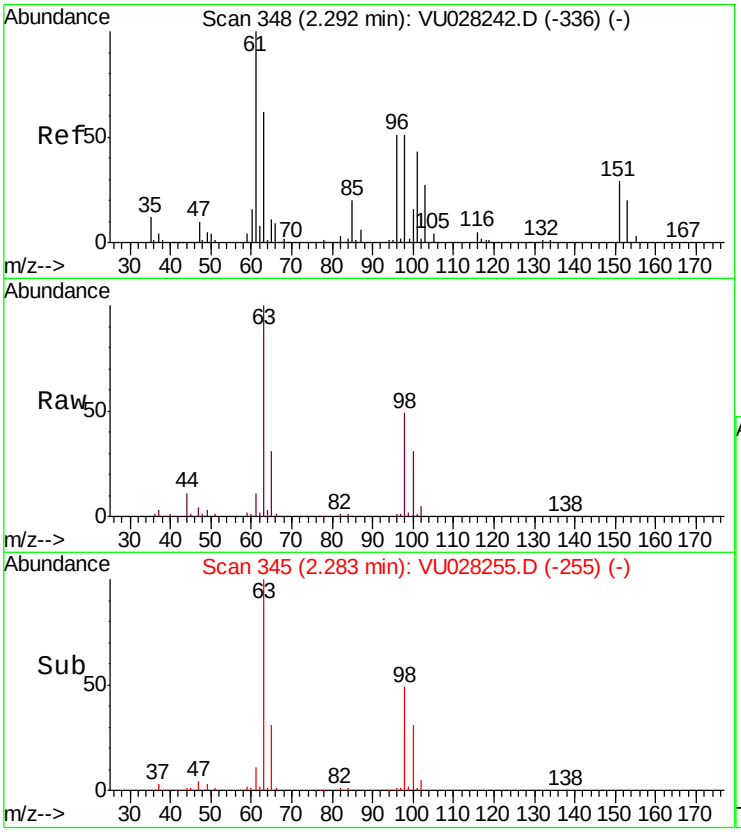


#8
Chloroethane
Concen: 0.285 ug/L
RT: 1.69 min Scan# 161
Delta R.T. -0.01 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Tgt Ion: 64 Resp: 2176

Ion	Ratio	Lower	Upper
64	100		
66	0.0	20.7	38.5#



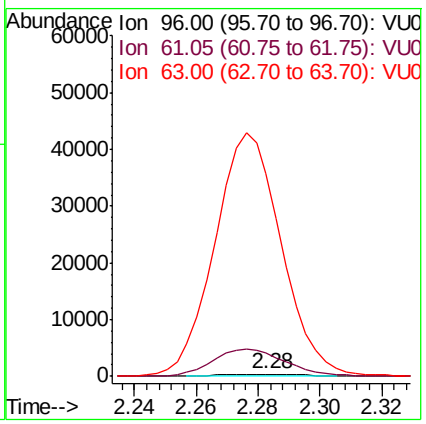


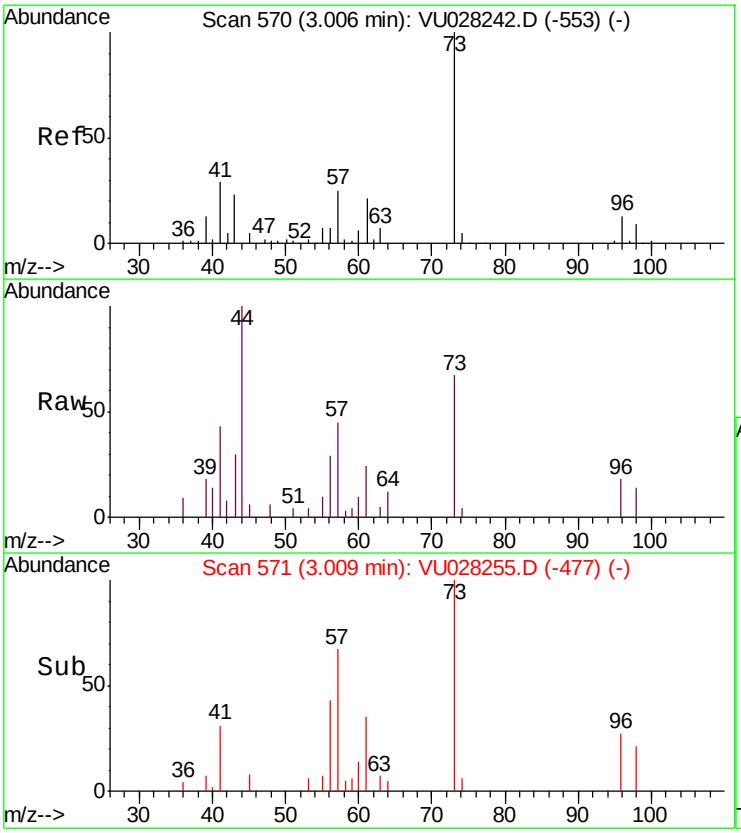
#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.01 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
H0FN3

Tgt Ion: 96 Resp: 646

Ion	Ratio	Lower	Upper
96	100		
61	1076.9	145.5	270.1#
63	9481.2	98.6	183.2#

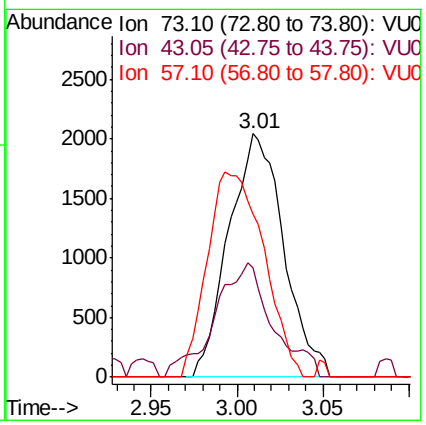


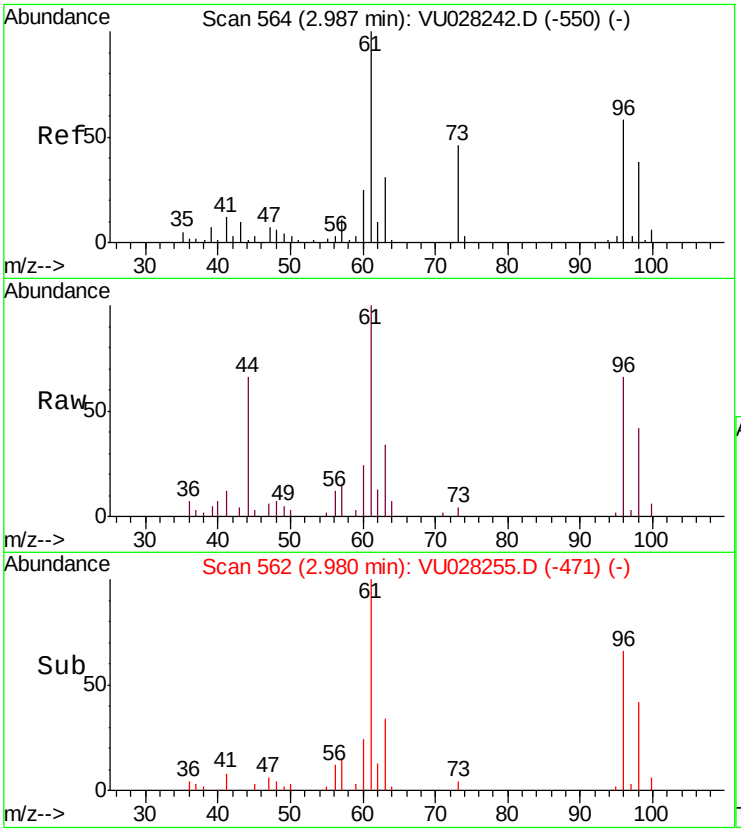


#17
Methyl tert-butyl Ether
Concen: 0.192 ug/L
RT: 3.01 min Scan# 571
Delta R.T. 0.00 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Tgt Ion: 73 Resp: 4528

Ion	Ratio	Lower	Upper
73	100		
43	49.5	18.8	28.2#
57	86.9	19.2	28.8#



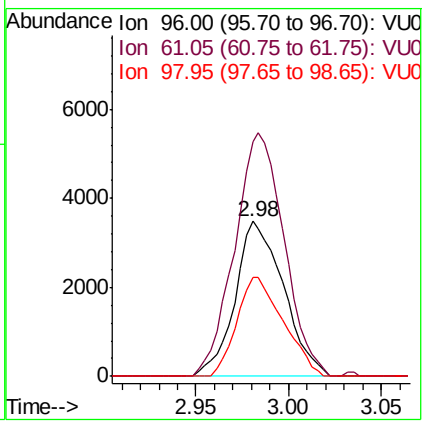


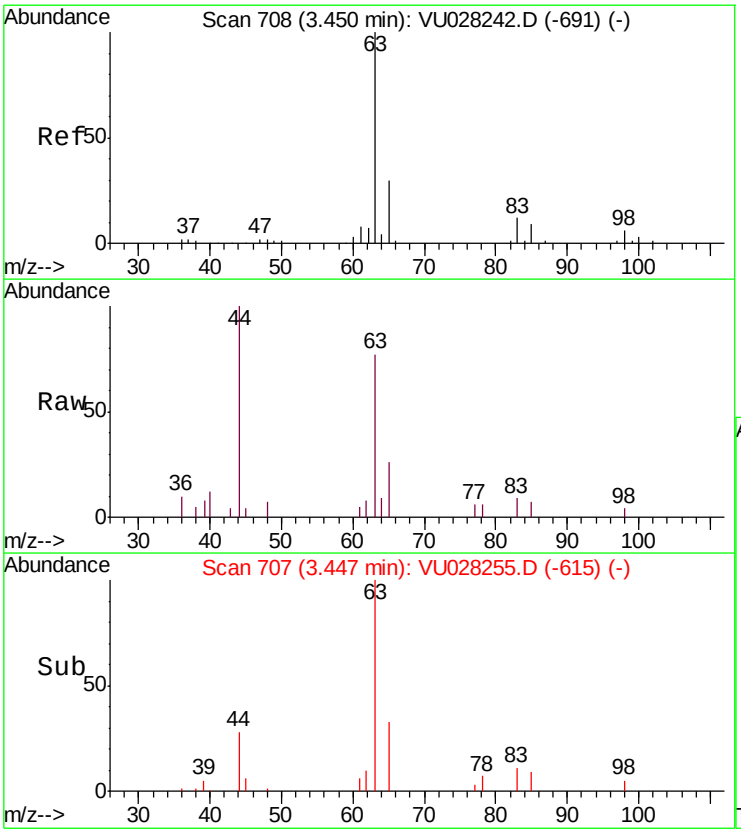
#18
trans-1,2-Dichloroethene
Concen: 0.754 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.01 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
H0FN3

Tgt Ion: 96 Resp: 6305

Ion	Ratio	Lower	Upper
96	100		
61	151.7	122.2	227.0
98	64.2	44.9	83.5

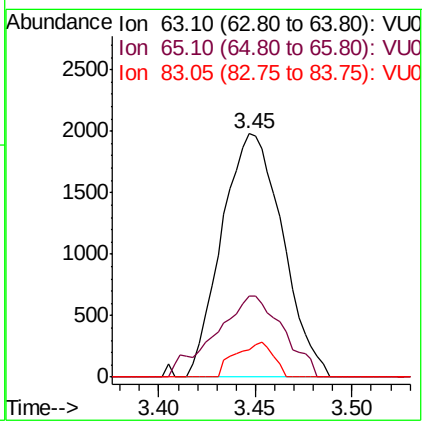


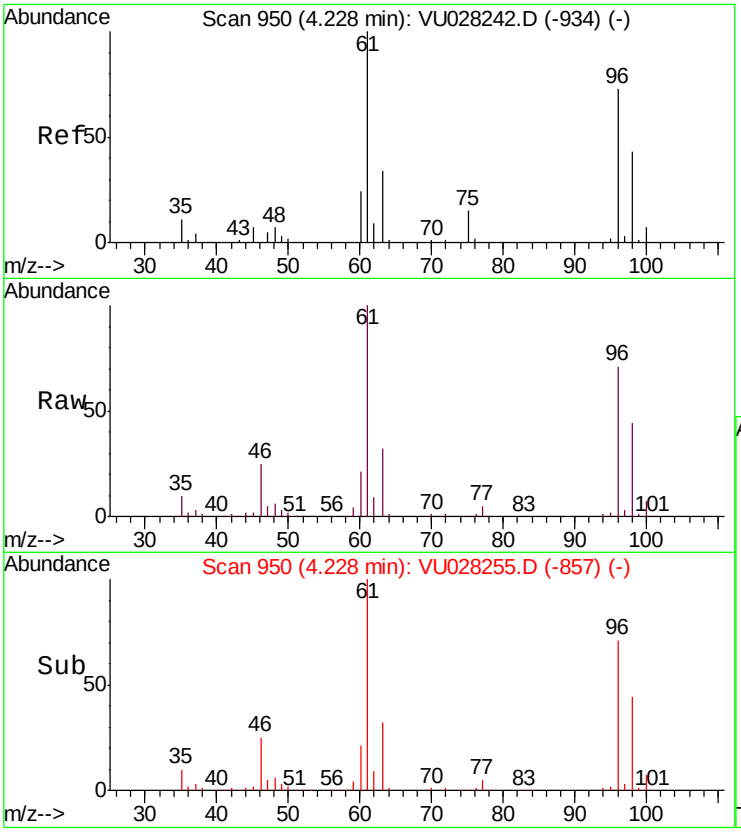


#19
1,1-Dichloroethane
Concen: 0.223 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Tgt Ion: 63 Resp: 4321

Ion	Ratio	Lower	Upper
63	100		
65	33.5	21.2	39.4
83	11.5	8.8	16.4



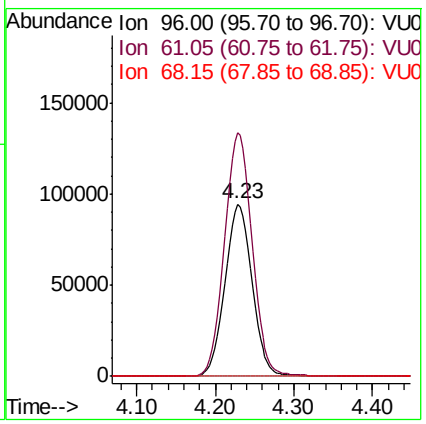


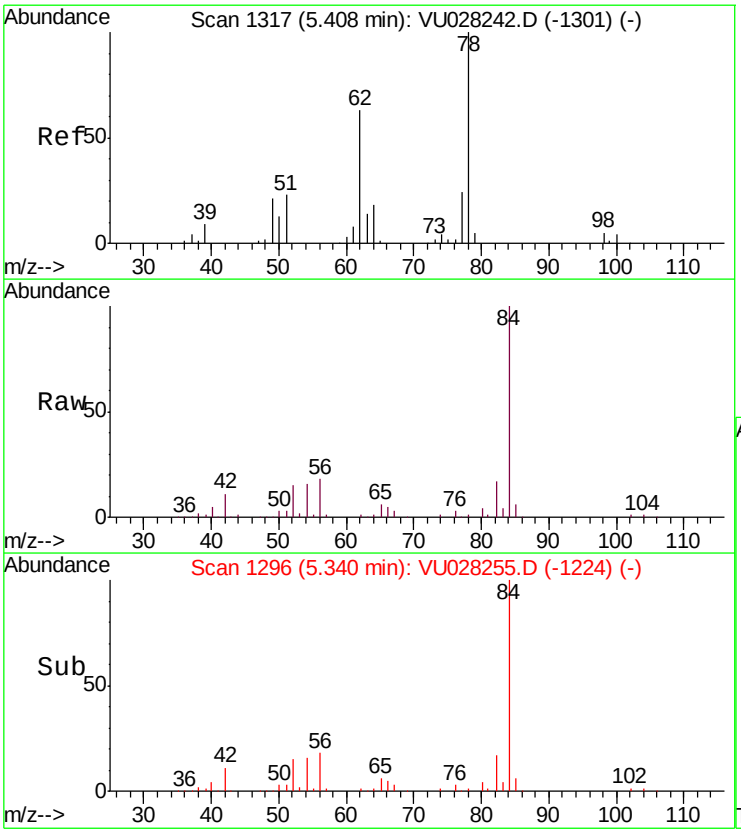
#22
cis-1,2-Dichloroethene
Concen: 22.815 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
H0FN3

Tgt Ion: 96 Resp: 225428

Ion	Ratio	Lower	Upper
96	100		
61	141.5	108.0	200.6
68	0.0	0.0	0.0

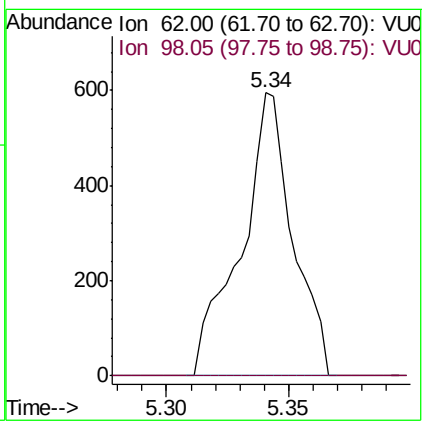


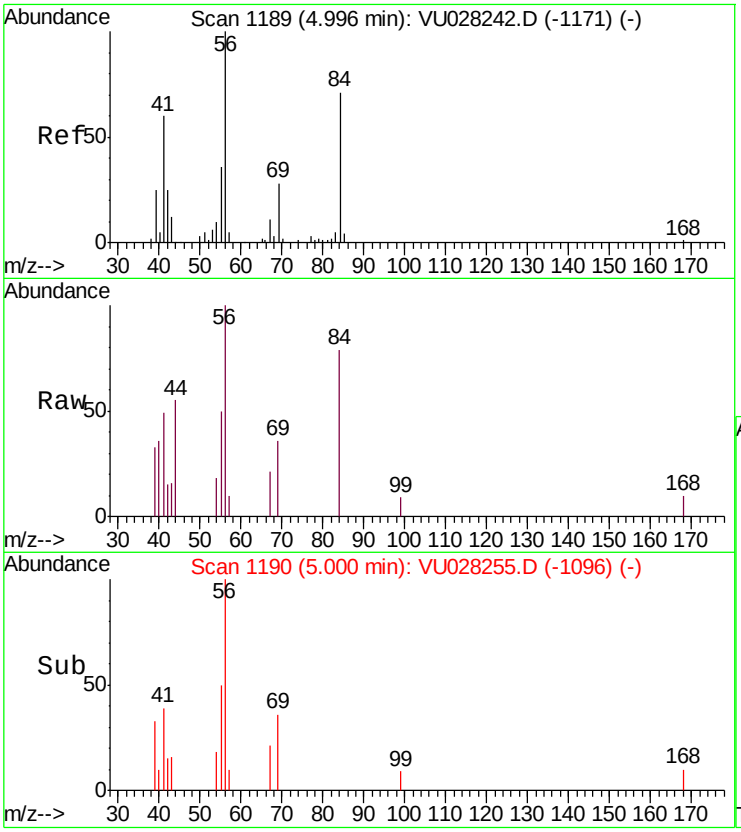


#27
1,2-Dichloroethane
Concen: 0.073 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.07 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Tgt Ion: 62 Resp: 875

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.2	9.4#



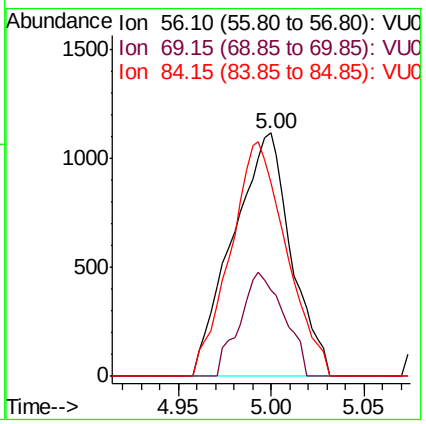


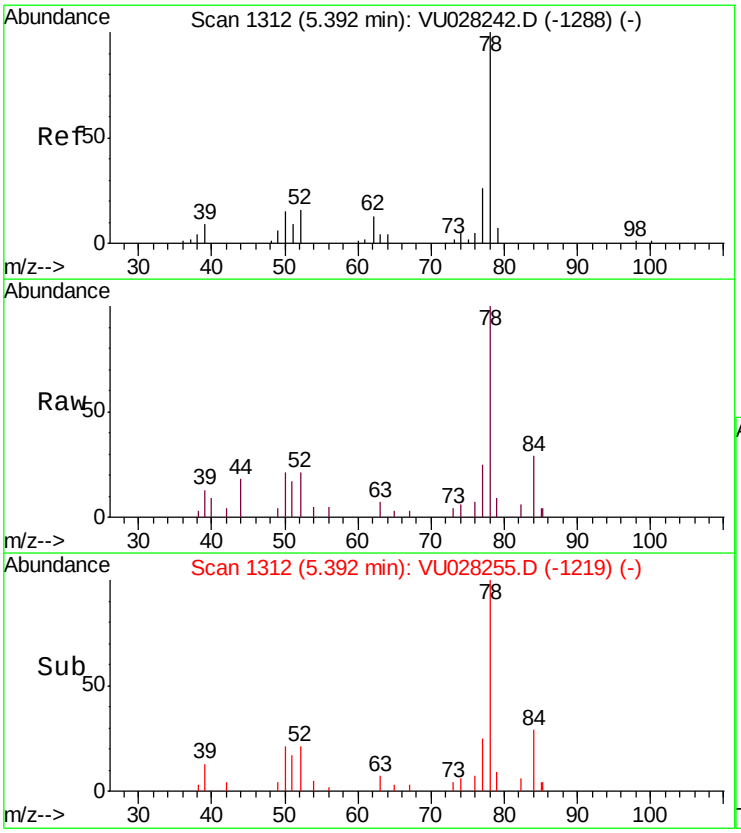
#30
Cyclohexane
Concen: 0.135 ug/L
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Instrument : MSVOA_U
ClientSampleId : H0FN3

Tgt Ion: 56 Resp: 2433

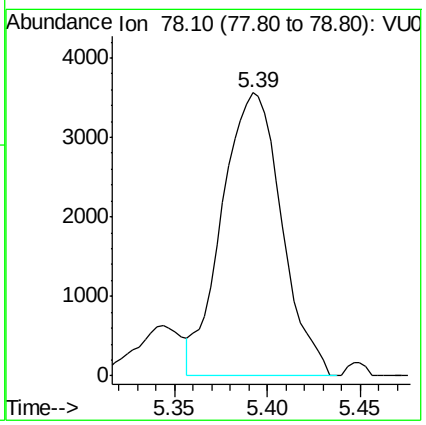
Ion	Ratio	Lower	Upper
56	100		
69	32.3	22.0	33.0
84	92.4	56.0	84.0#

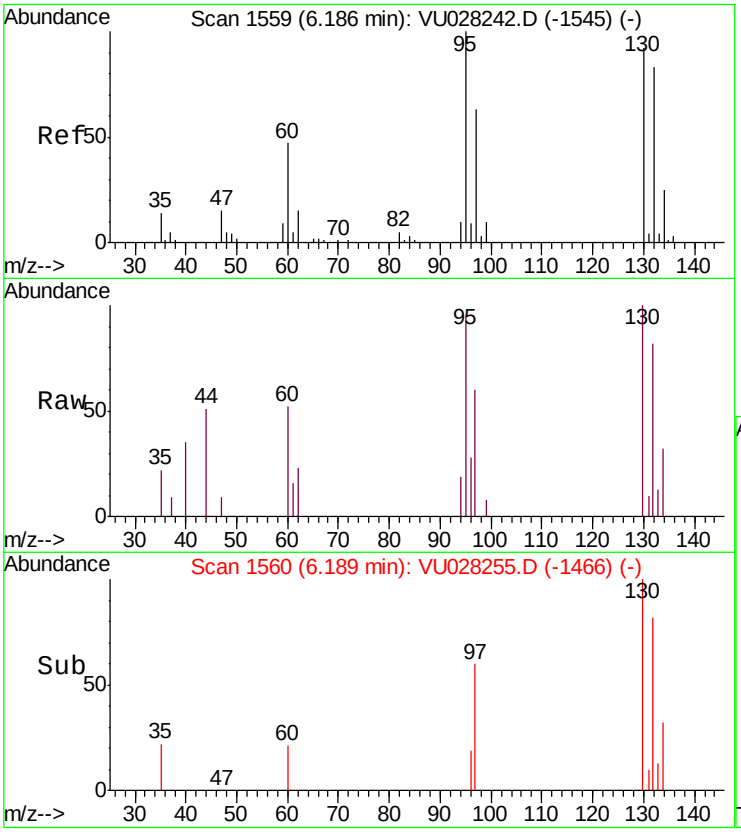




#33
Benzene
Concen: 0.197 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Tgt Ion: 78 Resp: 7952



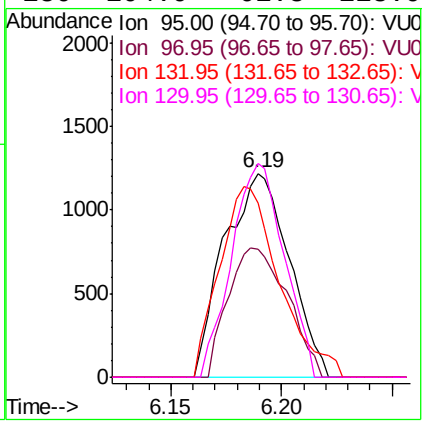


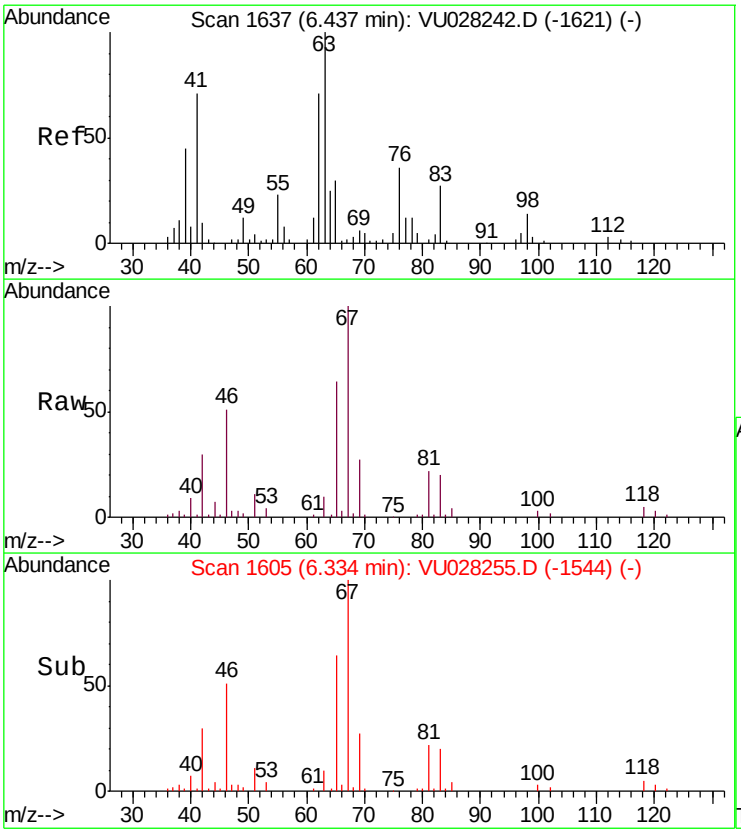
#34
Trichloroethene
Concen: 0.250 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
H0FN3

Tgt Ion: 95 Resp: 2470

Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.5	86.3
132	85.8	58.9	109.3
130	104.9	61.3	113.9

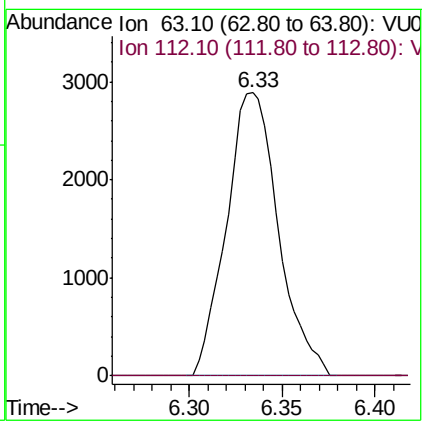


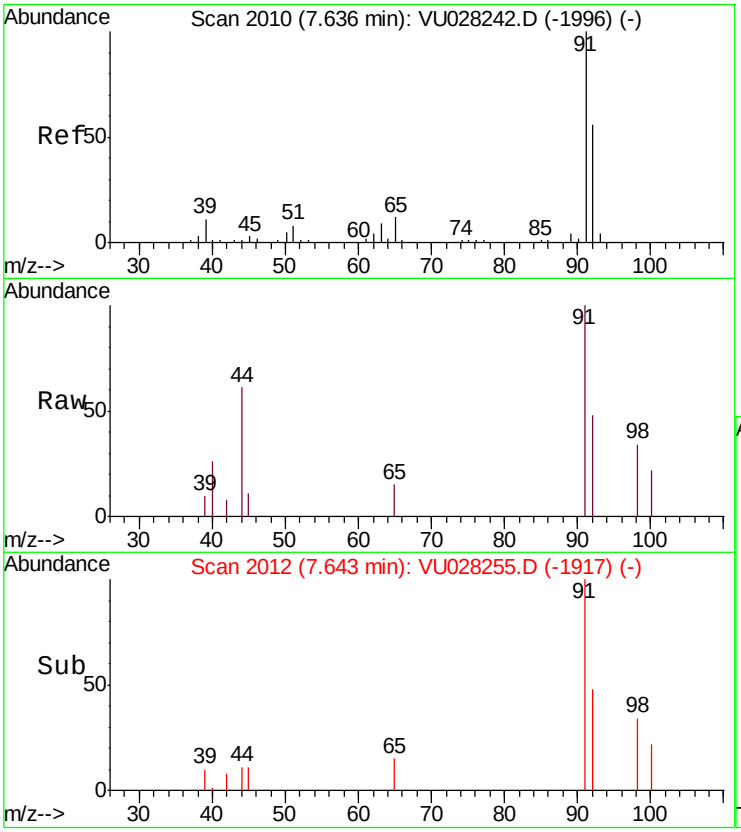


#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Tgt Ion: 63 Resp: 5621

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#



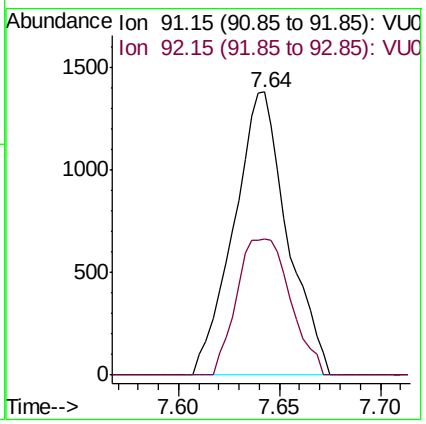


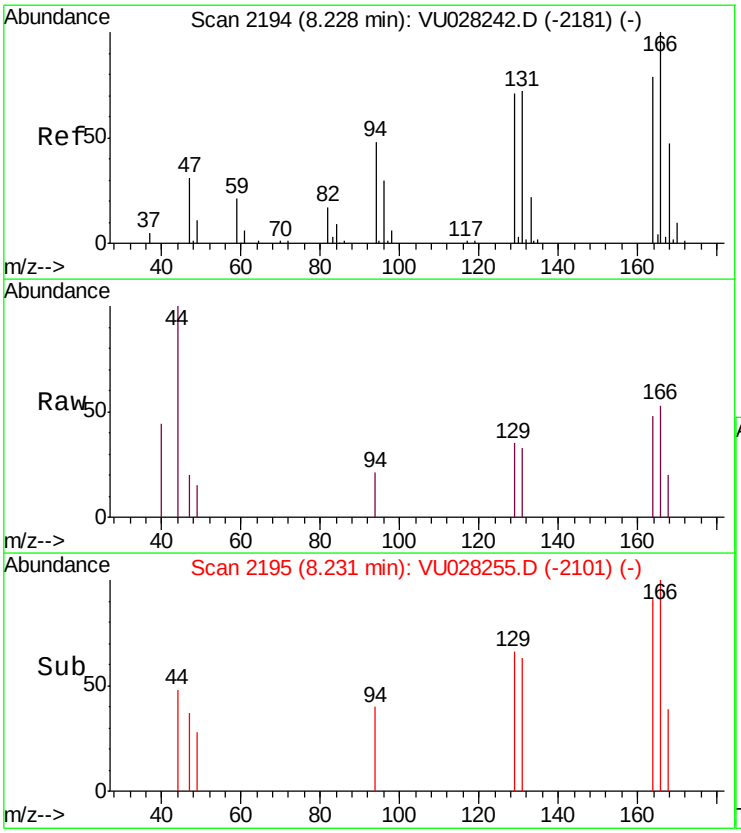
#42
Toluene
Concen: 0.063 ug/L
RT: 7.64 min Scan# 2012
Delta R.T. 0.01 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Instrument : MSVOA_U
ClientSampleId : H0FN3

Tgt Ion: 91 Resp: 2555

Ion	Ratio	Lower	Upper
91	100		
92	48.0	39.0	72.4

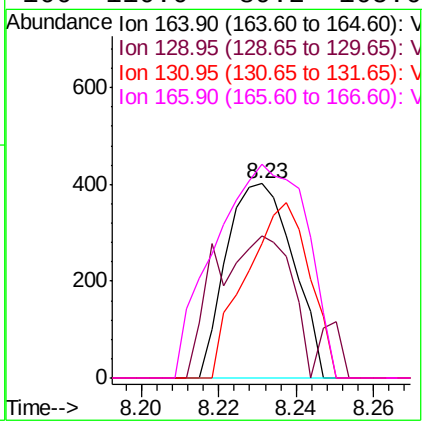


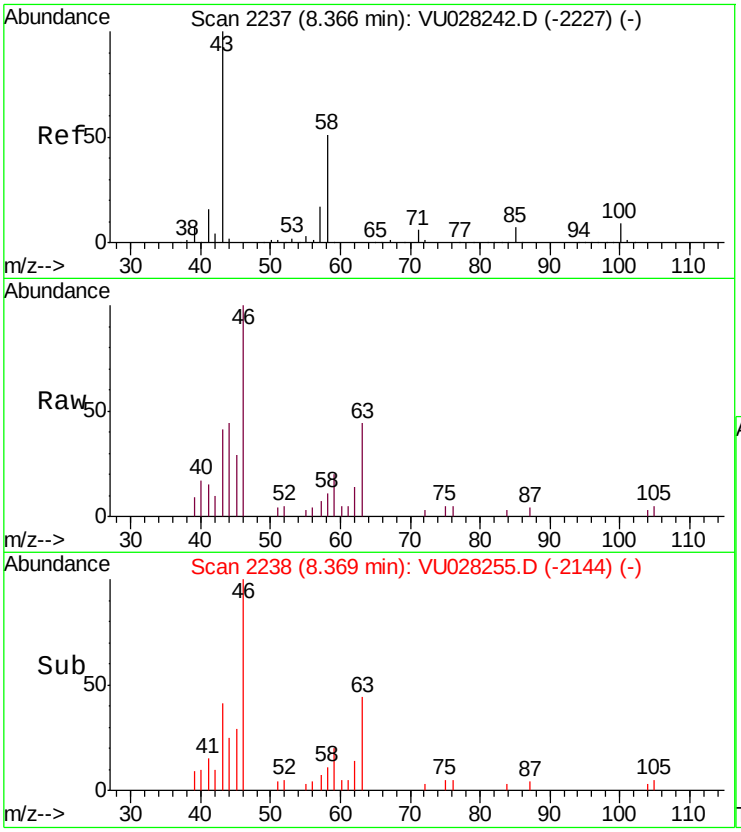


#47
Tetrachloroethene
Concen: 0.070 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Tgt Ion:164 Resp: 481

Ion	Ratio	Lower	Upper
164	100		
129	73.1	67.6	125.6
131	69.6	66.3	123.1
166	110.0	89.2	165.6



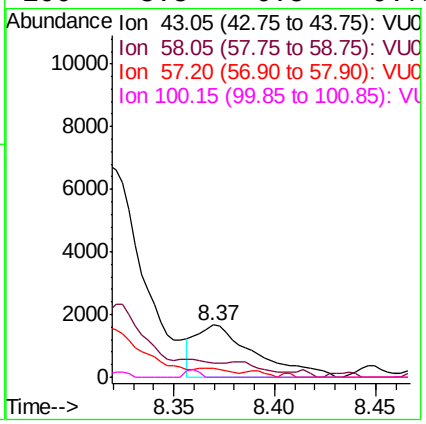


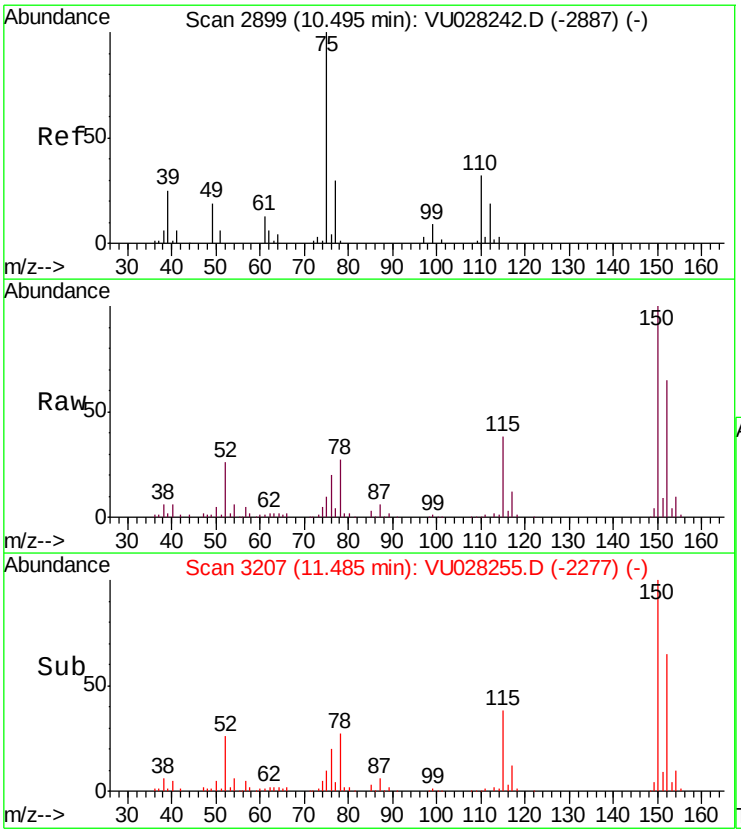
#48
2-Hexanone
Concen: 0.578 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
H0FN3

Tgt Ion: 43 Resp: 3390

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
57	8.7	13.8	20.8#
100	3.3	6.5	9.7#





#59
1,2,3-Trichloropropane
Concen: 1.221 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028255.D
Acq: 19 Nov 2018 15:15

Tgt Ion: 75 Resp: 8114

Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.7	38.5