Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028152.D
Acq On : 15 Nov 2018 04:28
Operator : MD/SY
Sample : J5943-14MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:19:45 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	130735	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124738	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57550	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	51264	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.68	69	37887	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.28	63	92694	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.40%			
20) 2-Butanone-d5	4.21	46	169444	53.85	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.70%			
24) Chloroform-d	4.65	84	79239	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.31	65	46089	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.34	84	164818	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.33	67	61903	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.57	98	145544	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
43) trans-1,3-Dichloropropene-	7.85	79	18098	3.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.20%			
46) 2-Hexanone-d5	8.32	63	129804	49.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.48%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43401	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	51146	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
3) Chloromethane	1.40	50	5514	0.374	ug/L #	46
5) Vinyl chloride	1.40	62	814188	58.143	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	754	0.088	ug/L #	23
12) 1,1-Dichloroethene	2.29	96	45420	5.225	ug/L	93
18) trans-1,2-Dichloroethene	2.98	96	77058	8.338	ug/L	97
19) 1,1-Dichloroethane	3.45	63	144158	7.417	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	348727	34.224	ug/L	97
27) 1,2-Dichloroethane	5.39	62	2444	0.213	ug/L #	76
30) Cyclohexane	5.00	56	1667	0.084	ug/L #	87
33) Benzene	5.39	78	237143	5.643	ug/L	100
34) Trichloroethene	6.19	95	57249	5.512	ug/L	97
37) 1,2-Dichloropropane	6.44	63	1134	0.098	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1391	0.089	ug/L #	77
42) Toluene	7.64	91	215558	4.975	ug/L	97
47) Tetrachloroethene	8.23	164	607	0.072	ug/L	80
48) 2-Hexanone	8.32	43	15625	2.744	ug/L #	65
49) Dibromochloromethane	8.22	129	717	0.096	ug/L #	11

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028152.D
Acq On : 15 Nov 2018 04:28
Operator : MD/SY
Sample : J5943-14MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:19:45 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)
51) Chlorobenzene	9.12	112	124886	4.929 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	8575	1.314 ug/L	95

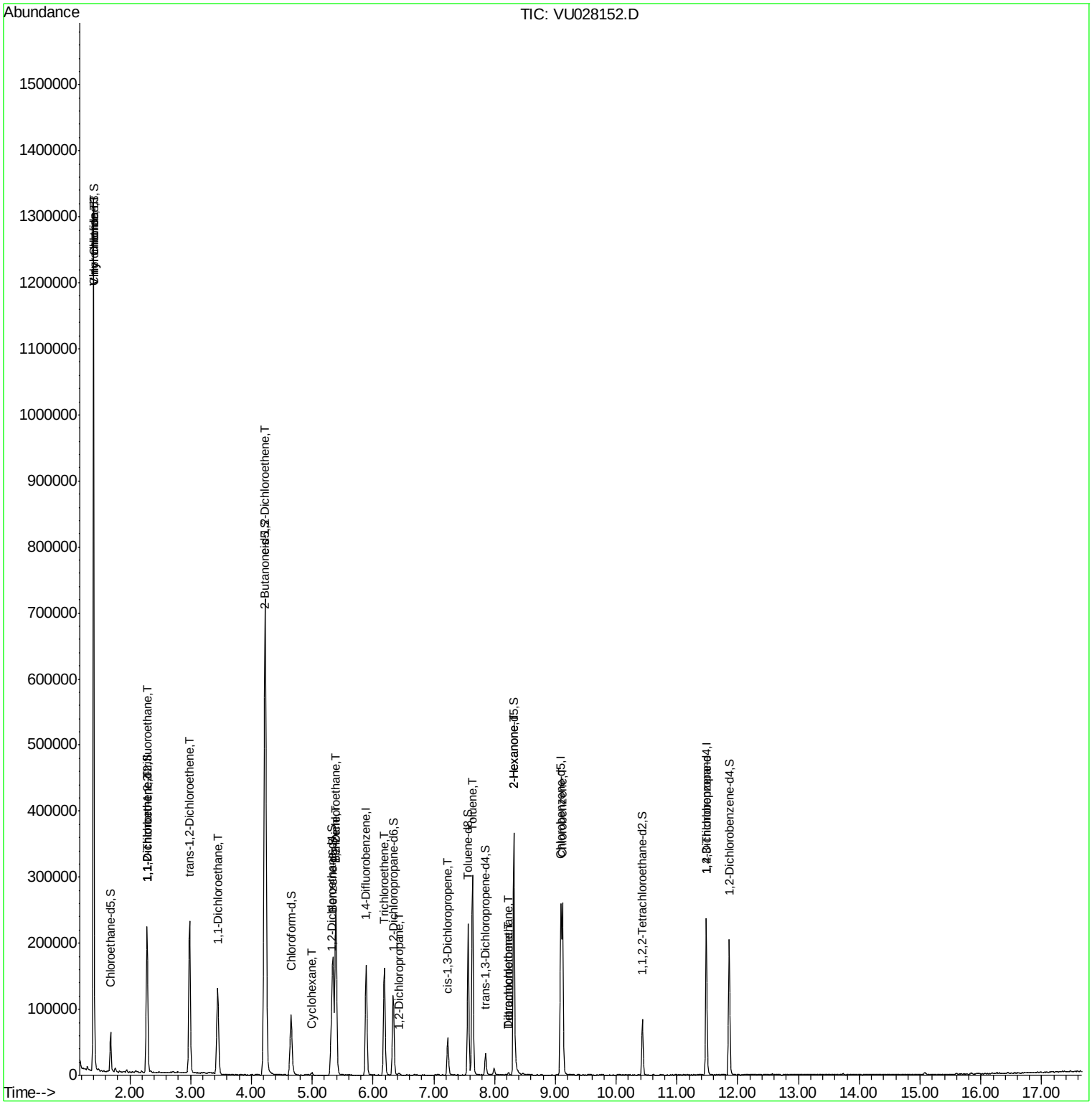
(#) = qualifier out of range (m) = manual integration (+) = signals summed

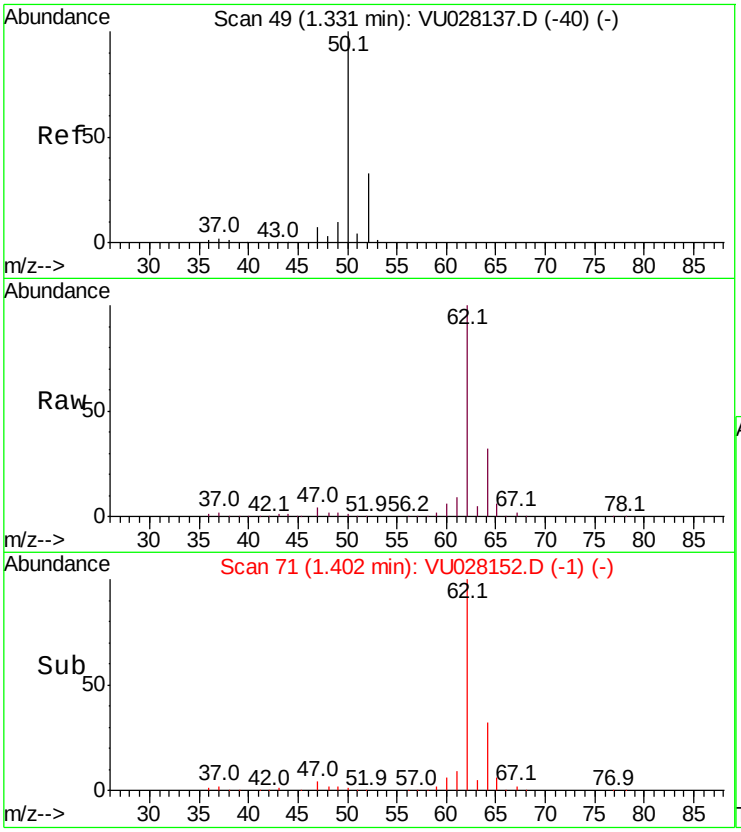
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028152.D
Acq On : 15 Nov 2018 04:28
Operator : MD/SY
Sample : J5943-14MSD
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:19:45 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



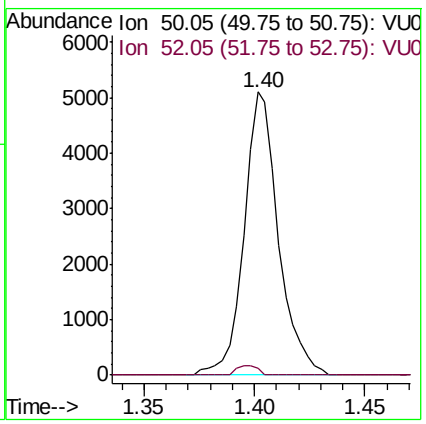


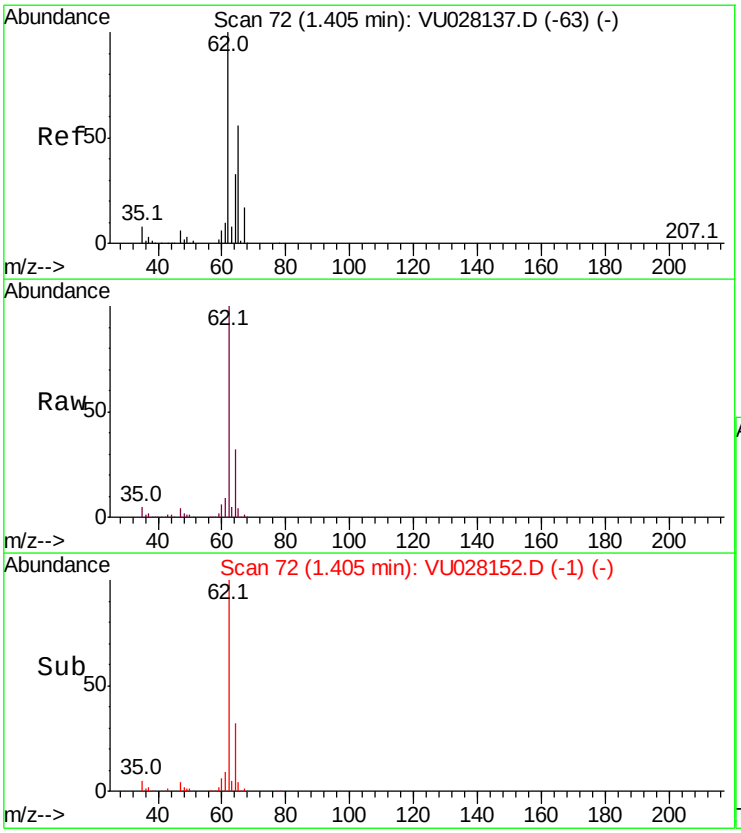
#3
Chloromethane
Concen: 0.374 ug/L
RT: 1.40 min Scan# 71
Delta R.T. 0.07 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 5514

Ion	Ratio	Lower	Upper
50	100		
52	2.4	23.0	42.6#

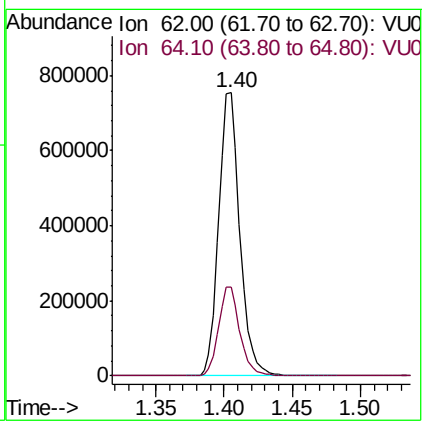


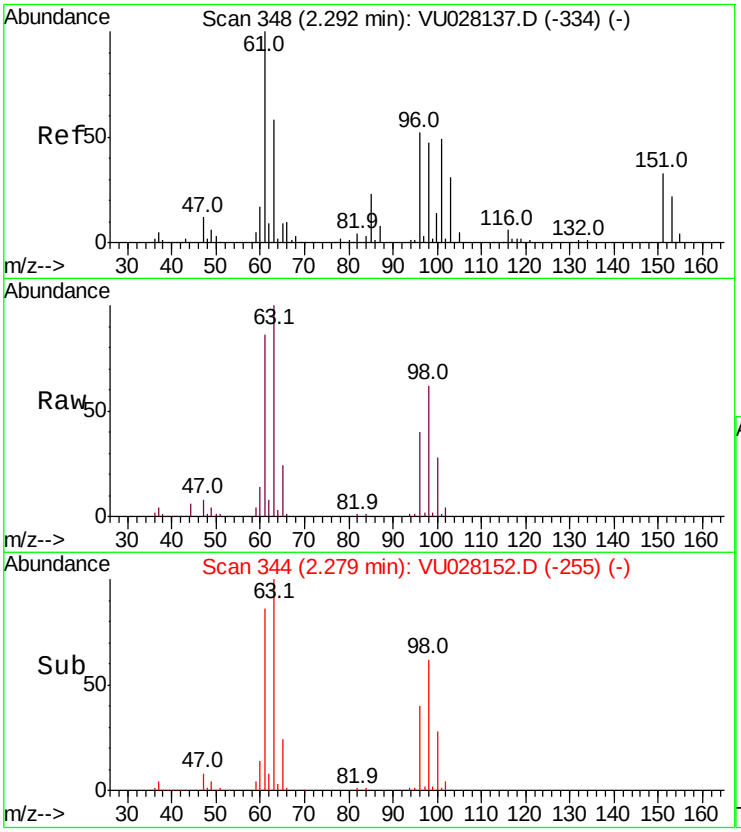


#5
Vinyl chloride
Concen: 58.143 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Tgt Ion: 62 Resp: 814188

Ion	Ratio	Lower	Upper
62	100		
64	31.6	22.7	42.3



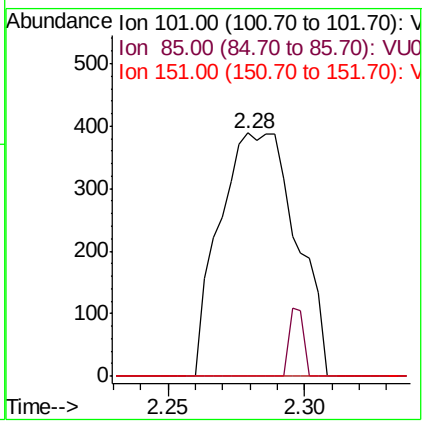


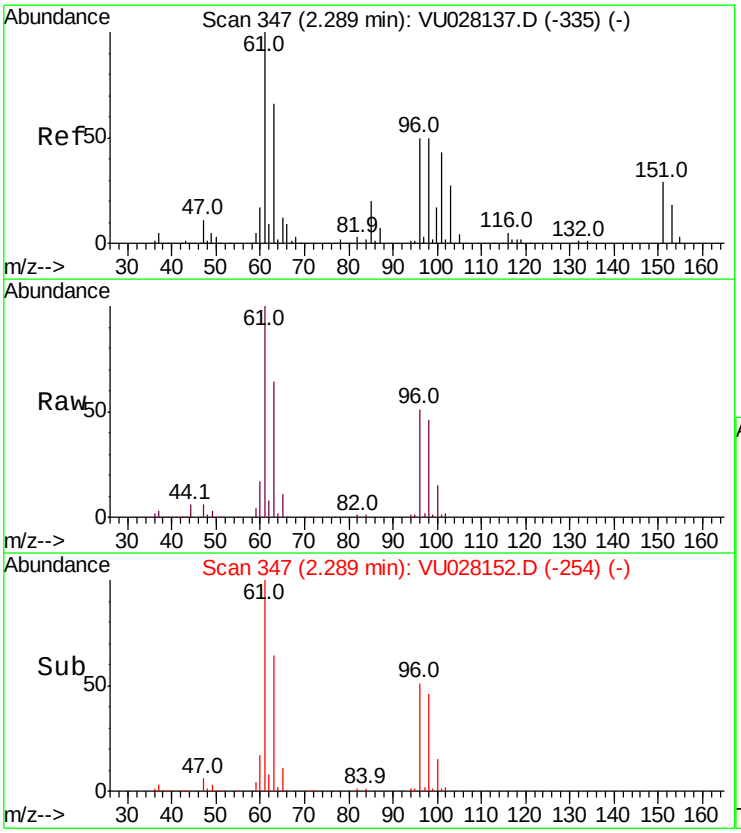
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 754

Ion	Ratio	Lower	Upper
101	100		
85	5.4	37.6	56.4#
151	0.0	58.2	87.2#

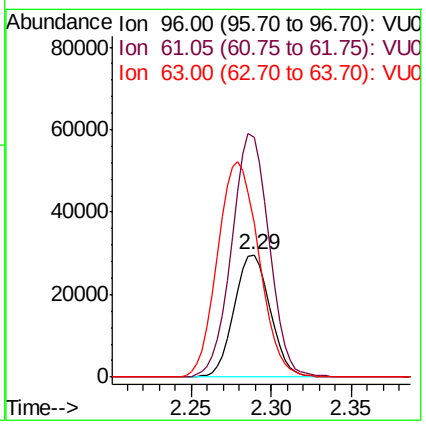


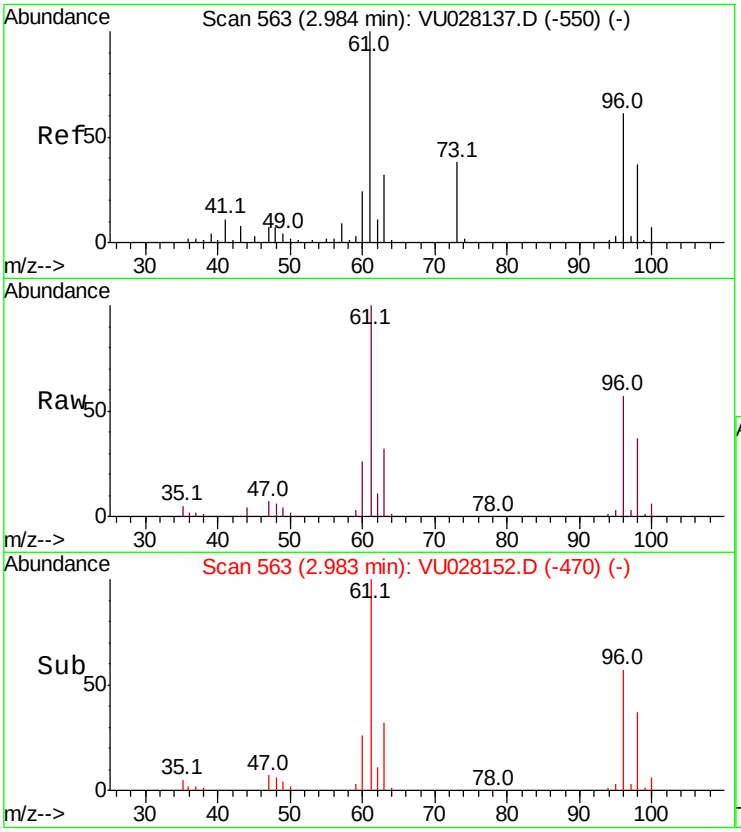


#12
1,1-Dichloroethene
Concen: 5.225 ug/L
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Tgt Ion: 96 Resp: 45420

Ion	Ratio	Lower	Upper
96	100		
61	195.3	134.8	250.3
63	125.4	100.1	185.9



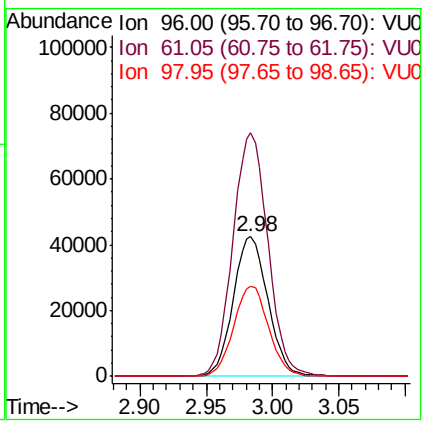


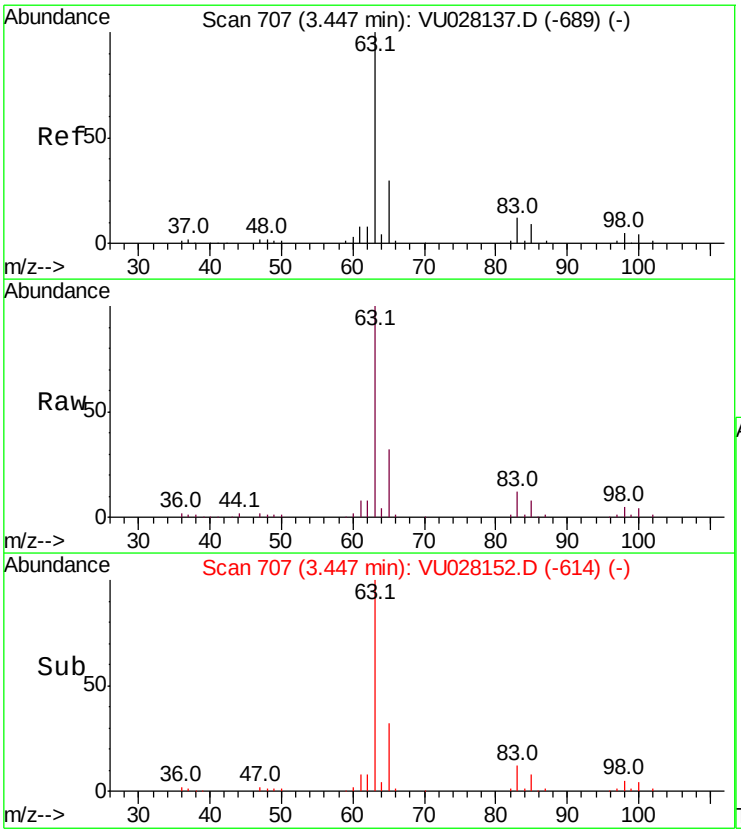
#18
trans-1,2-Dichloroethene
Concen: 8.338 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 77058

Ion	Ratio	Lower	Upper
96	100		
61	174.8	118.5	220.1
98	64.7	44.9	83.5

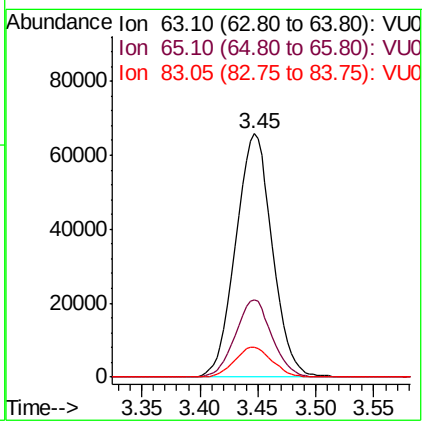


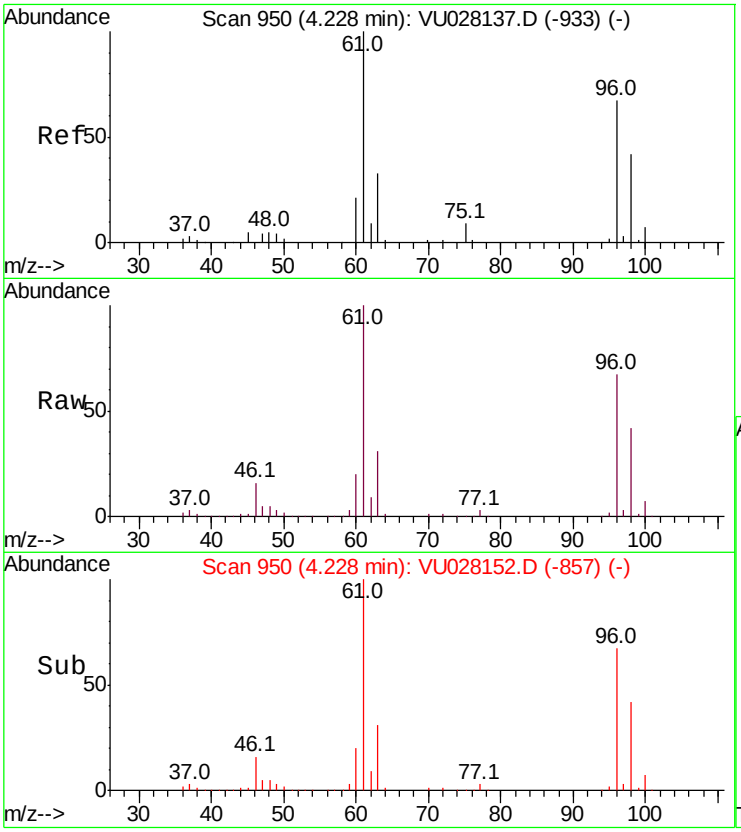


#19
1,1-Dichloroethane
Concen: 7.417 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Tgt Ion: 63 Resp: 144158

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.2	41.2
83	12.4	8.9	16.5



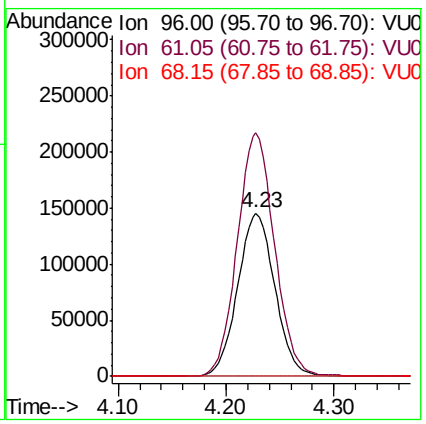


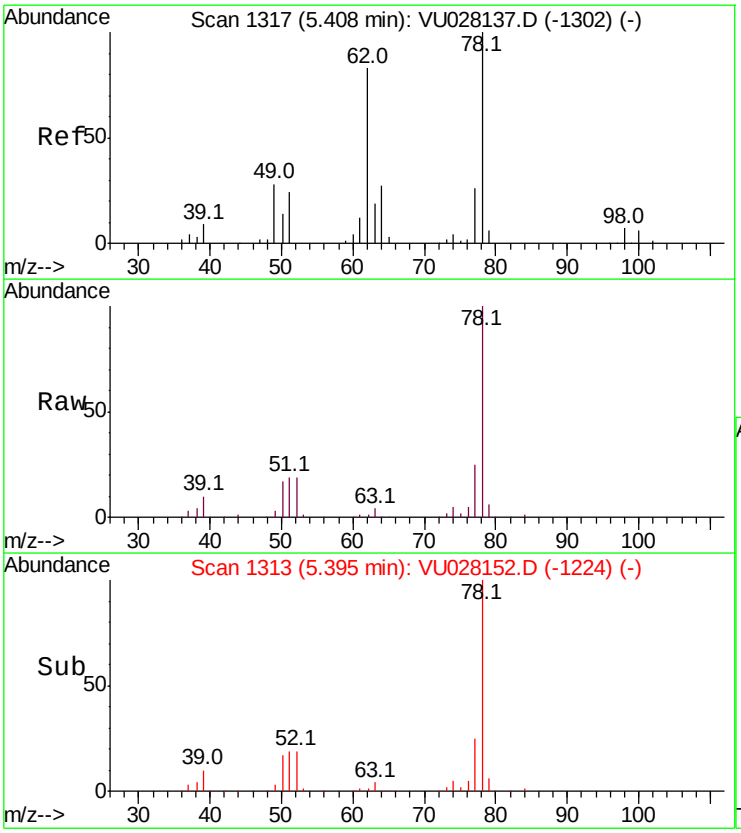
#22
cis-1,2-Dichloroethene
Concen: 34.224 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 348727

Ion	Ratio	Lower	Upper
96	100		
61	149.4	101.8	189.0
68	0.0	0.0	0.0

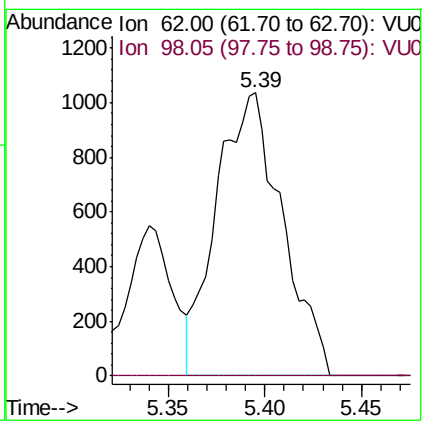


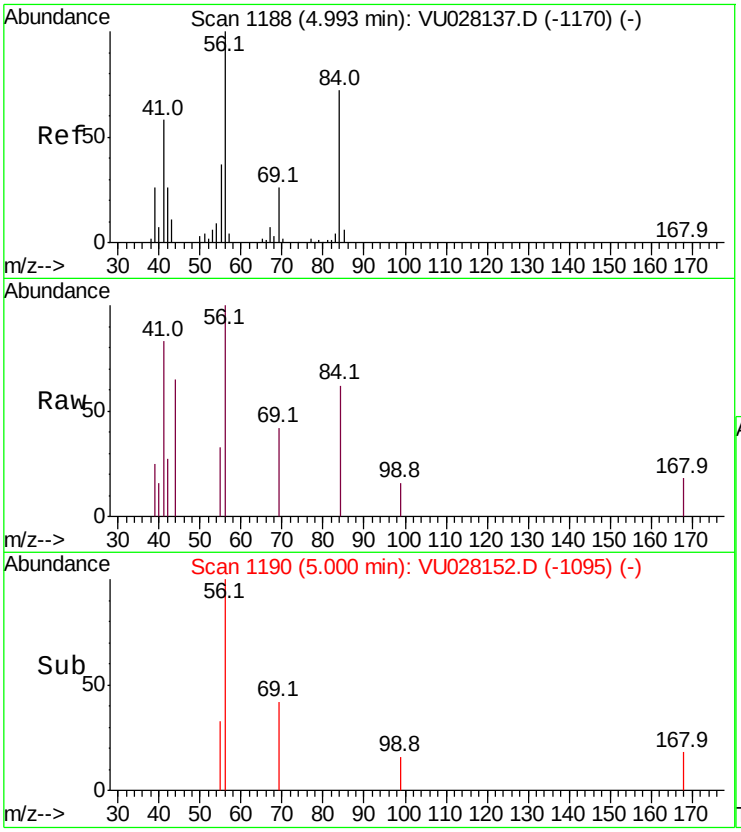


#27
1,2-Dichloroethane
Concen: 0.213 ug/L
RT: 5.39 min Scan# 1313
Delta R.T. -0.01 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Tgt Ion: 62 Resp: 2444

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#



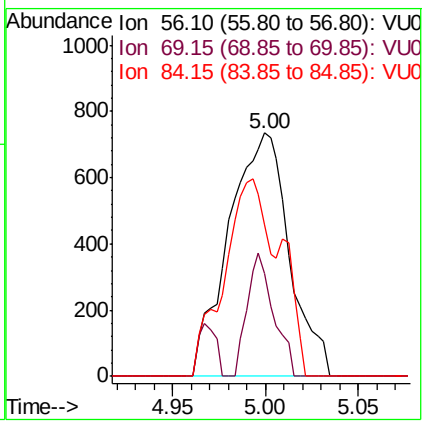


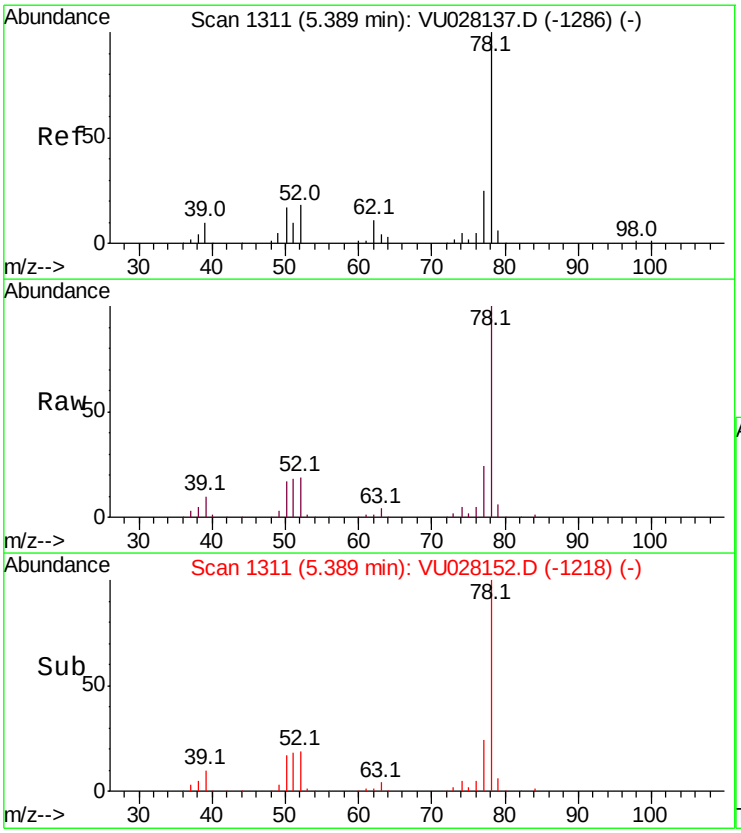
#30
Cyclohexane
Concen: 0.084 ug/L
RT: 5.00 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 1667

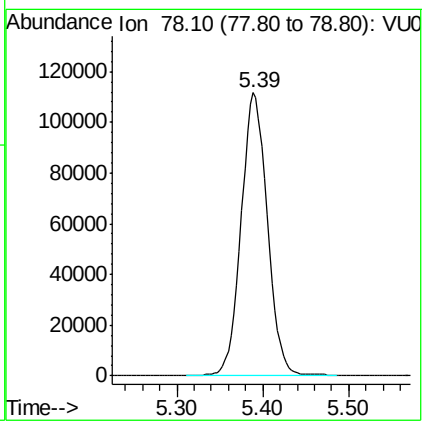
Ion	Ratio	Lower	Upper
56	100		
69	22.0	22.6	33.8#
84	60.8	57.7	86.5

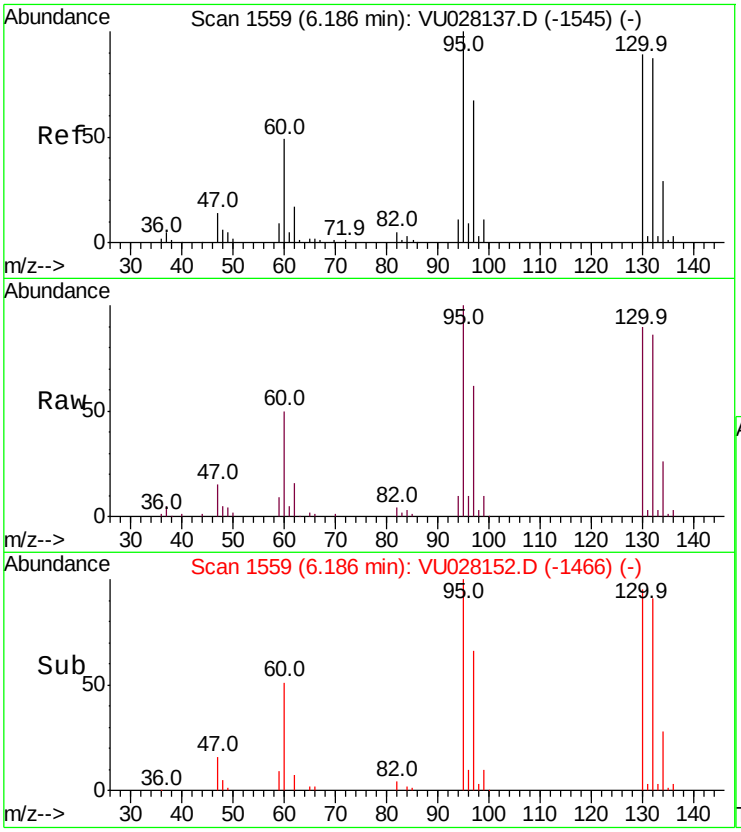




#33
Benzene
Concen: 5.643 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Tgt Ion: 78 Resp: 237143



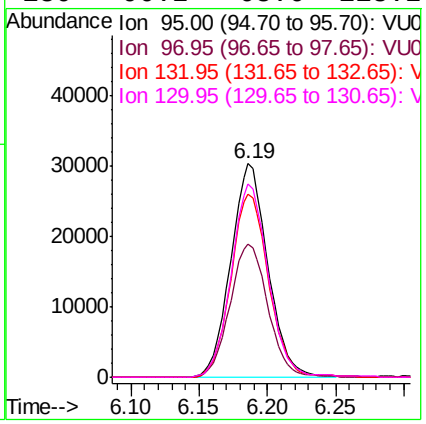


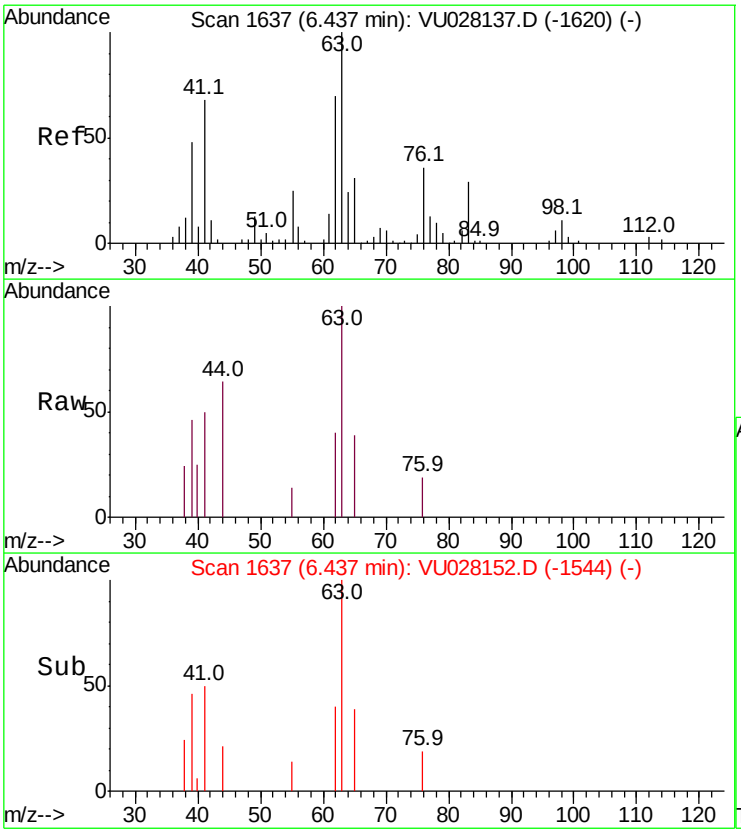
#34
Trichloroethene
Concen: 5.512 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 57249

Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.3	84.1
132	86.0	63.0	117.0
130	90.2	63.6	118.2

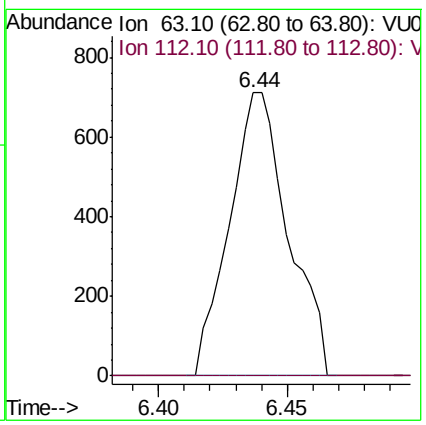


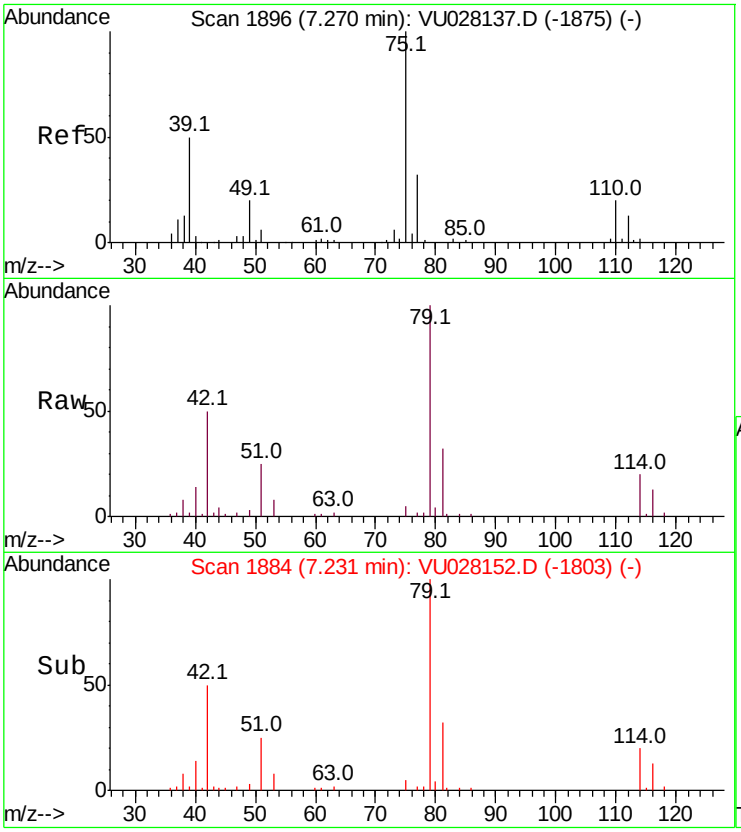


#37
1,2-Dichloropropane
Concen: 0.098 ug/L
RT: 6.44 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Tgt Ion: 63 Resp: 1134

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#



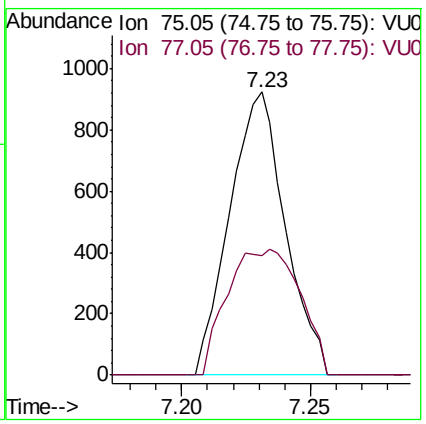


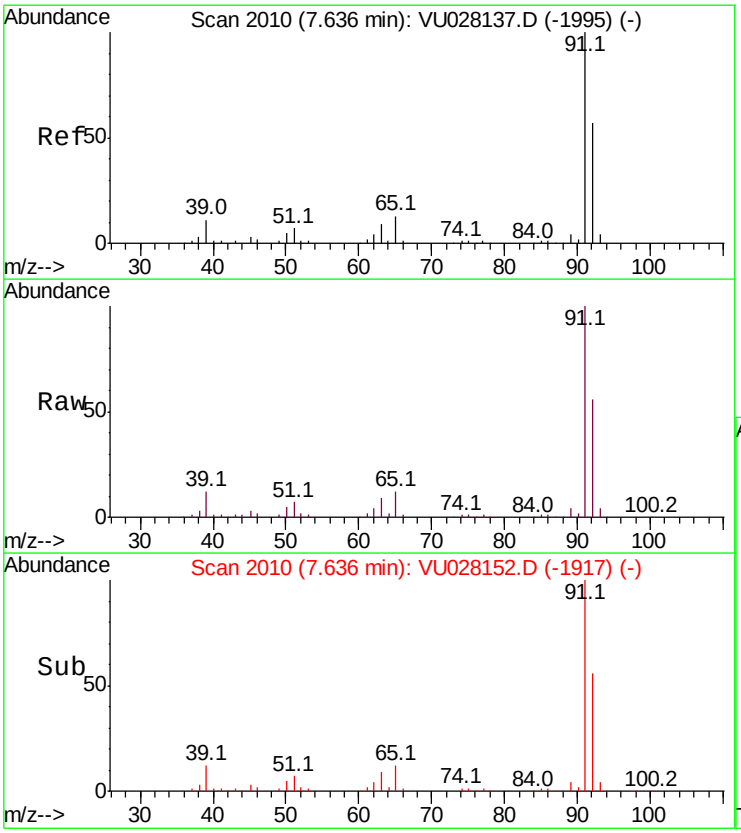
#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1391

Ion	Ratio	Lower	Upper
75	100		
77	42.4	20.9	38.9#

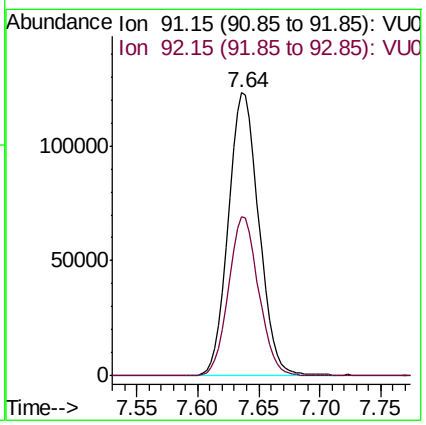


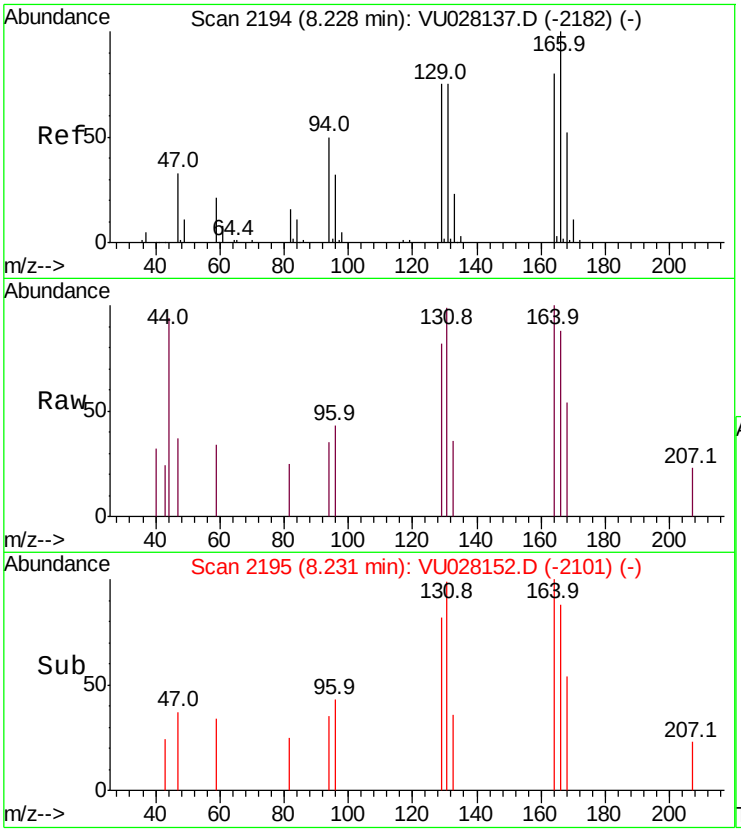


#42
Toluene
Concen: 4.975 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Tgt Ion: 91 Resp: 215558

Ion	Ratio	Lower	Upper
91	100		
92	56.3	40.7	75.7



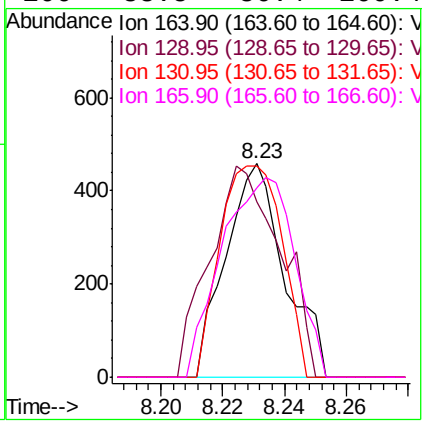


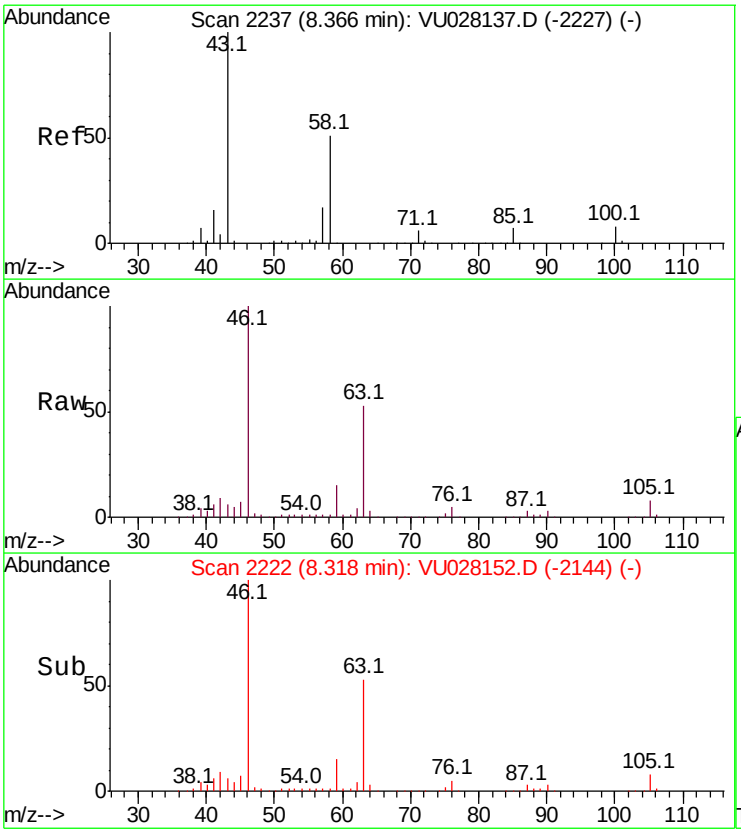
#47
Tetrachloroethene
Concen: 0.072 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 607

Ion	Ratio	Lower	Upper
164	100		
129	82.1	69.7	129.4
131	98.9	64.0	118.8
166	88.5	86.4	160.4

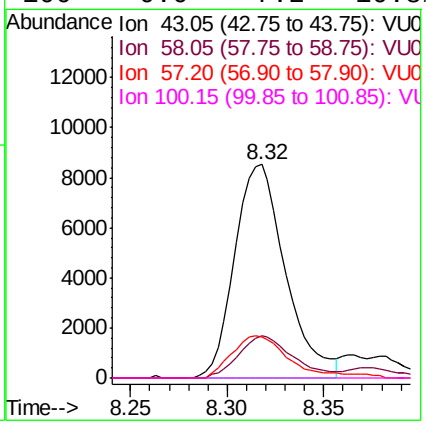


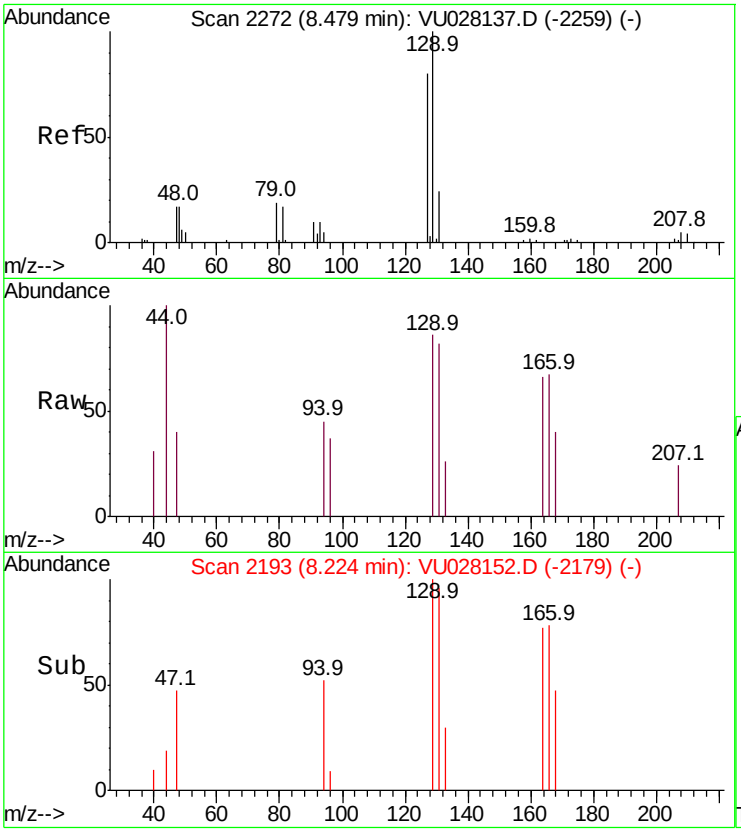


#48
2-Hexanone
Concen: 2.744 ug/L
RT: 8.32 min Scan# 2222
Delta R.T. -0.05 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Tgt Ion: 43 Resp: 15625

Ion	Ratio	Lower	Upper
43	100		
58	21.1	41.7	62.5#
57	22.6	14.0	21.0#
100	0.0	7.2	10.8#



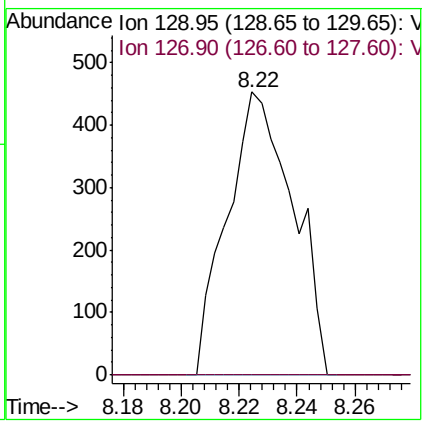


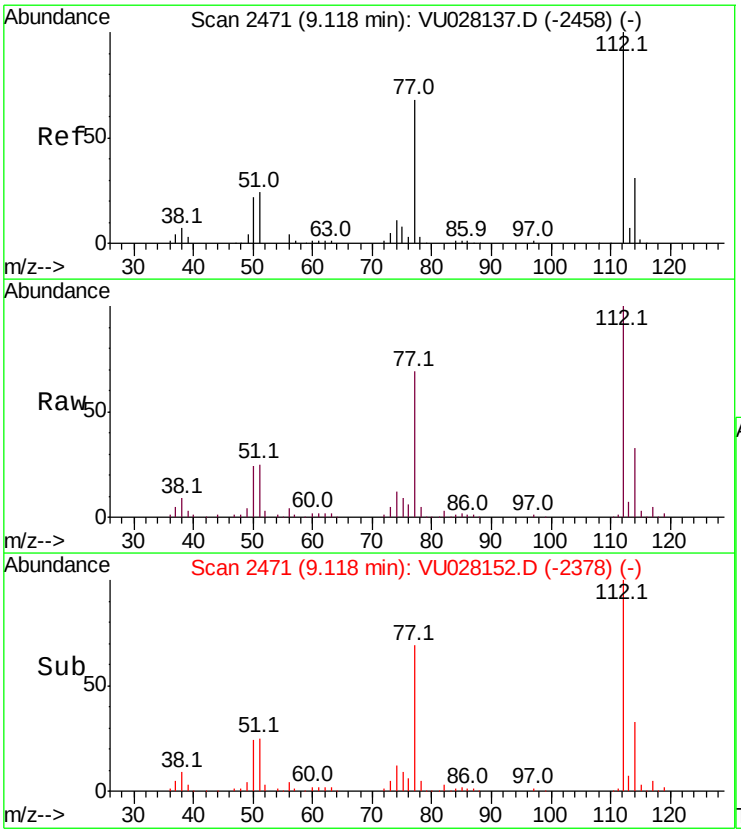
#49
Dibromochloromethane
Concen: 0.096 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 717

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

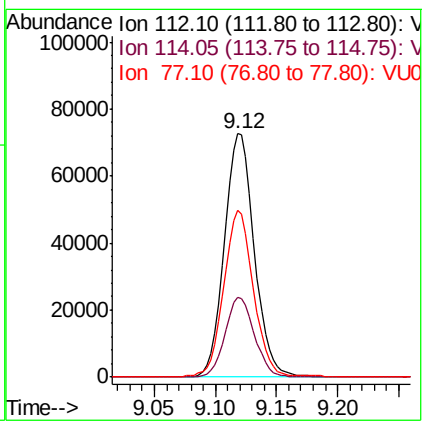


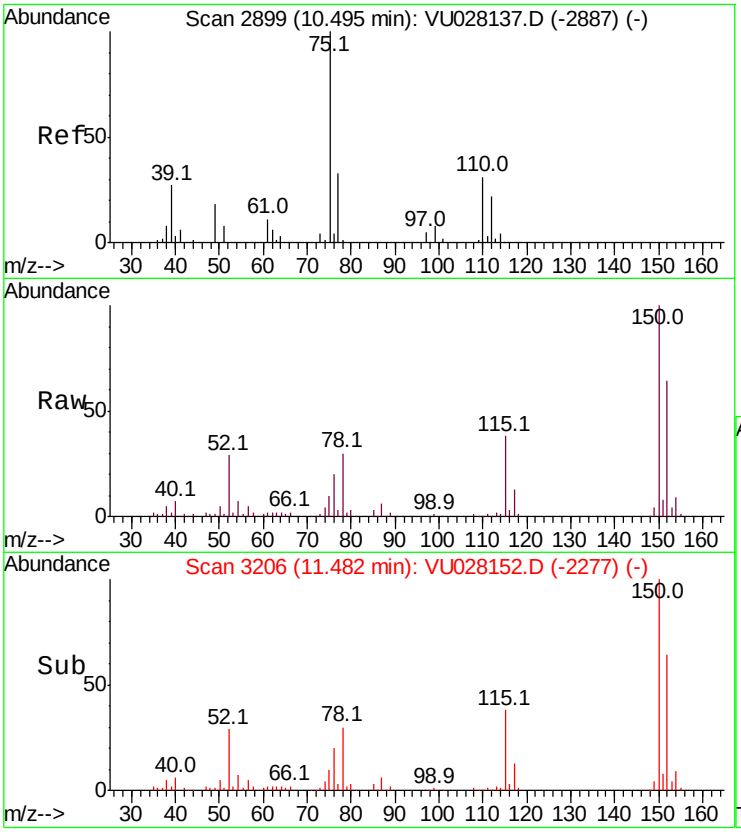


#51
Chlorobenzene
Concen: 4.929 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Tgt Ion:112 Resp: 124886

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.5	41.7
77	68.7	51.3	76.9





#59
1,2,3-Trichloropropane
Concen: 1.314 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028152.D
Acq: 15 Nov 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8575

Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.4	38.0