Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\

Quantitation Report (Not Reviewed)

Data File : VU029551.D
Acq On : 19 Feb 2019 13:41
Operator : JC/SP
Sample : K1522-02DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3DL

Quant Time: Feb 20 00:11:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	204664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	206126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	120551	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	47275	3.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.80%			
7) Chloroethane-d5	1.64	69	37736	3.11	ug/L	-0.04
Spiked Amount 5.000	Range 65 - 130		Recovery = 62.20%#			
11) 1,1-Dichloroethene-d2	2.25	63	88058	2.95	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.00%#			
20) 2-Butanone-d5	4.19	46	156787	54.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.68%			
24) Chloroform-d	4.64	84	100041	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.30	65	58356	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.33	84	214571	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
36) 1,2-Dichloropropane-d6	6.32	67	67350	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.00%			
41) Toluene-d8	7.56	98	207586	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	7.85	79	27946	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.31	63	177221	58.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.68%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69438	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	107102	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	3786	0.224	ug/L	91
6) Bromomethane	1.60	94	16953	1.474	ug/L	98
9) Trichlorofluoromethane	1.86	101	8980	0.298	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	985	0.055	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	3472	0.206	ug/L #	1
13) Acetone	2.32	43	1950	0.751	ug/L	72
16) Methylene chloride	2.69	84	9375	0.495	ug/L	91
25) Chloroform	4.67	83	5151	0.190	ug/L	91
27) 1,2-Dichloroethane	5.40	62	4068	0.260	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	1828	0.072	ug/L #	67
34) Trichloroethene	6.18	95	235007	13.776	ug/L	98
35) Methylcyclohexane	6.33	83	16114	0.561	ug/L #	21
37) 1,2-Dichloropropane	6.32	63	6771	0.446	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1958	0.082	ug/L #	52
47) Tetrachloroethene	8.22	164	5426	0.347	ug/L	93
48) 2-Hexanone	8.37	43	3742	0.586	ug/L #	37
49) Dibromochloromethane	8.22	129	4965	0.316	ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\

Quantitation Report (Not Reviewed)

Data File : VU029551.D
Acq On : 19 Feb 2019 13:41
Operator : JC/SP
Sample : K1522-02DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3DL

Quant Time: Feb 20 00:11:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.48	75	11780	1.208	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	508	0.202	ug/L #	1

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

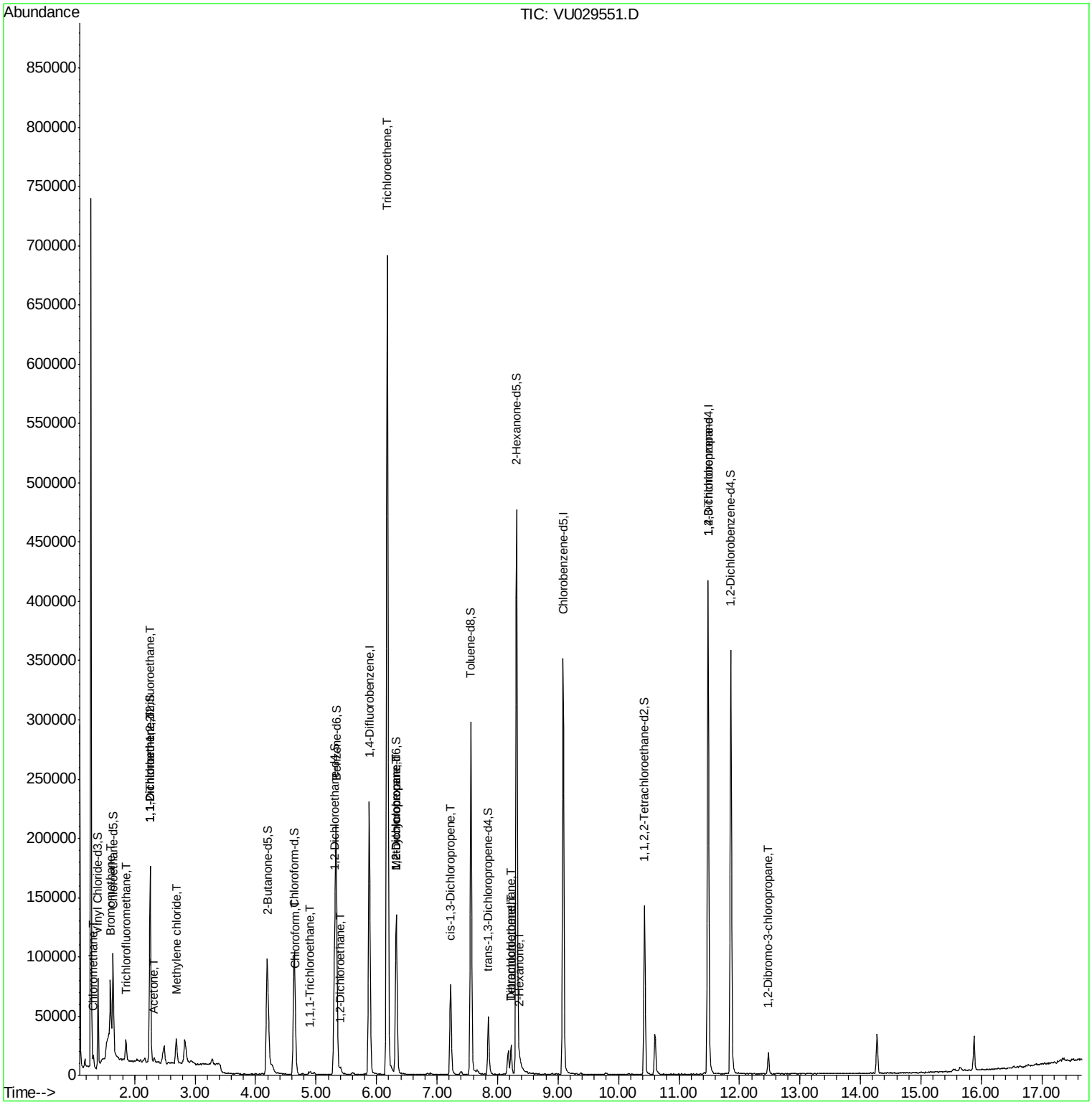
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\

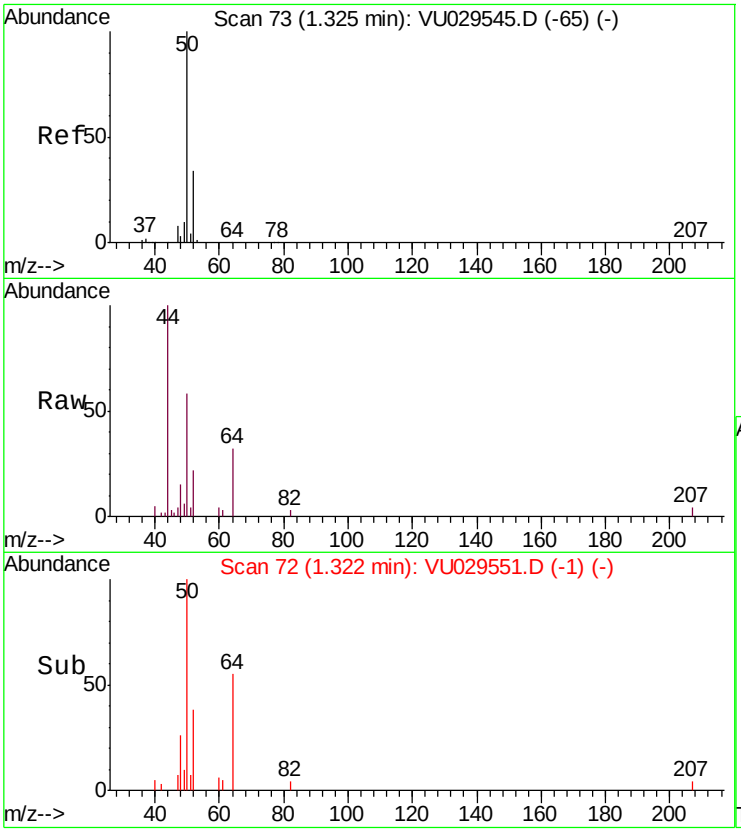
Quantitation Report (Not Reviewed)

Data File : VU029551.D
Acq On : 19 Feb 2019 13:41
Operator : JC/SP
Sample : K1522-02DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3DL

Quant Time: Feb 20 00:11:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration



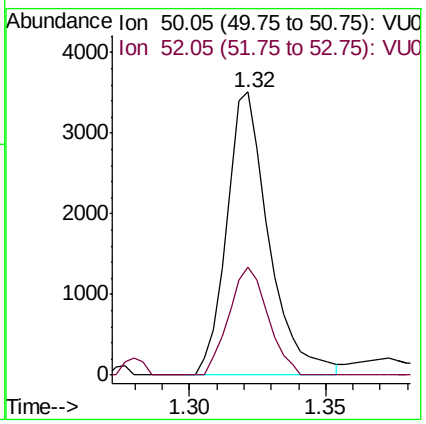


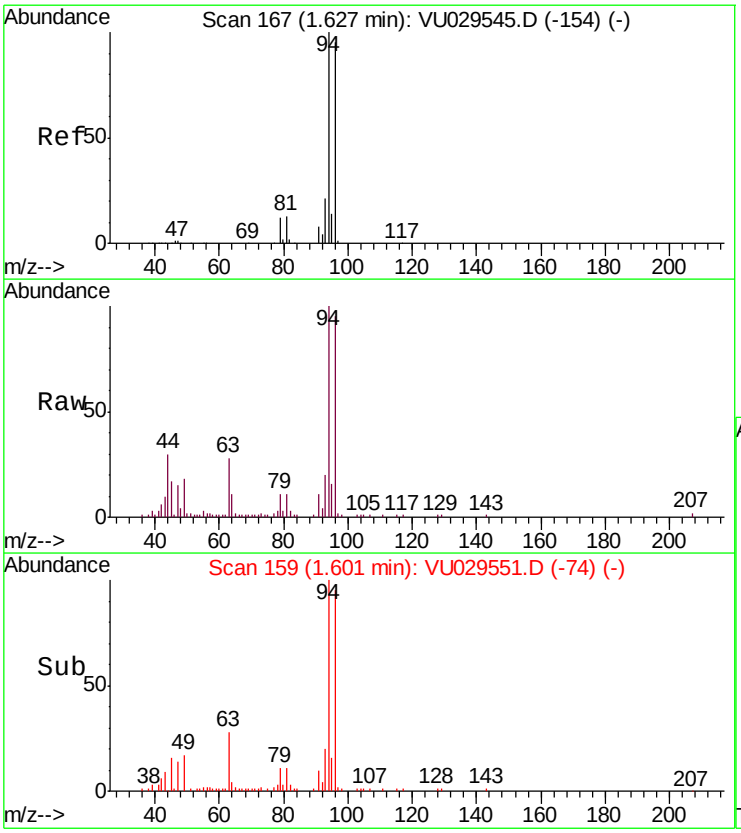
#3
Chloromethane
Concen: 0.224 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Instrument :
MSVOA_U
ClientSampleId :
C0AM3DL

Tgt Ion: 50 Resp: 3786

Ion	Ratio	Lower	Upper
50	100		
52	38.1	23.1	42.9

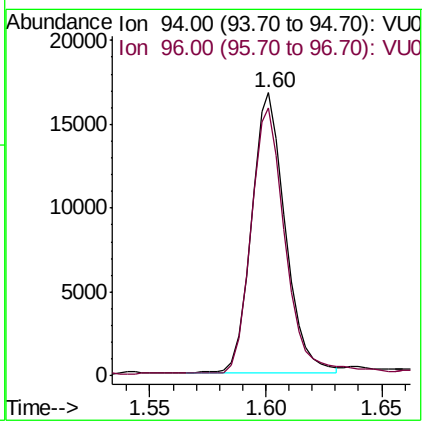


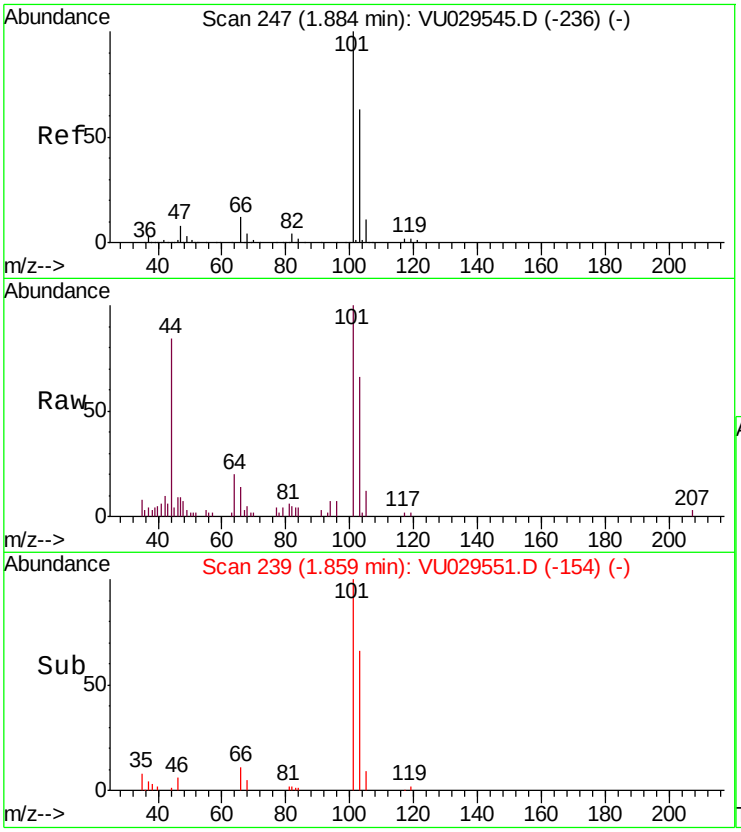


#6
Bromomethane
Concen: 1.474 ug/L
RT: 1.60 min Scan# 159
Delta R.T. -0.03 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Tgt Ion: 94 Resp: 16953

Ion	Ratio	Lower	Upper
94	100		
96	94.8	65.2	121.0



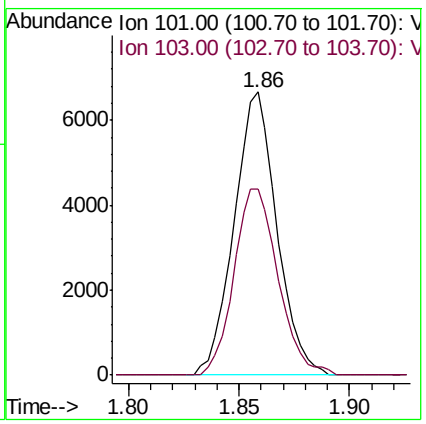


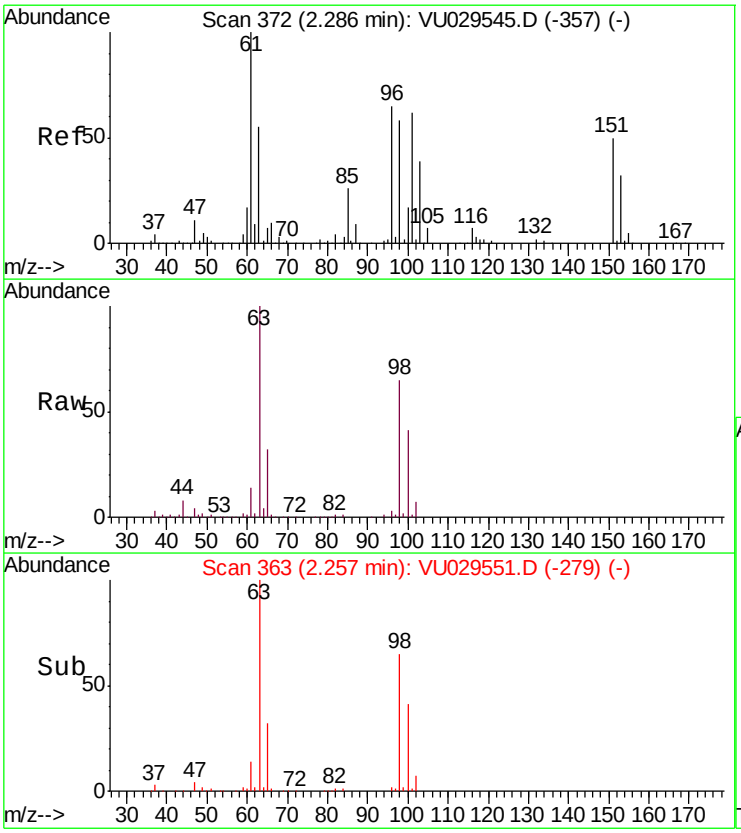
#9
Trichlorofluoromethane
Concen: 0.298 ug/L
RT: 1.86 min Scan# 239
Delta R.T. -0.03 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Instrument :
MSVOA_U
ClientSampleId :
C0AM3DL

Tgt Ion:101 Resp: 8980

Ion	Ratio	Lower	Upper
101	100		
103	68.0	52.1	78.1

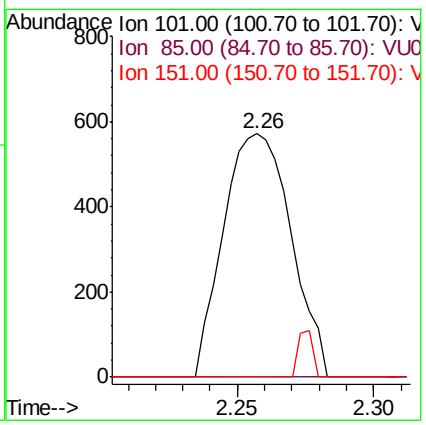


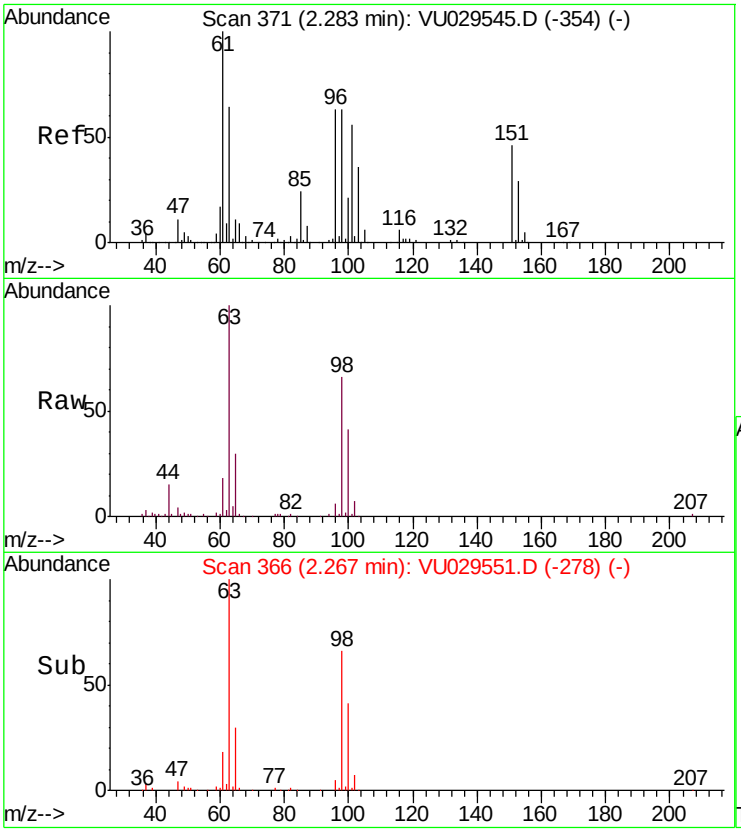


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.03 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Tgt Ion:101 Resp: 985

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	4.2	67.0	100.6#



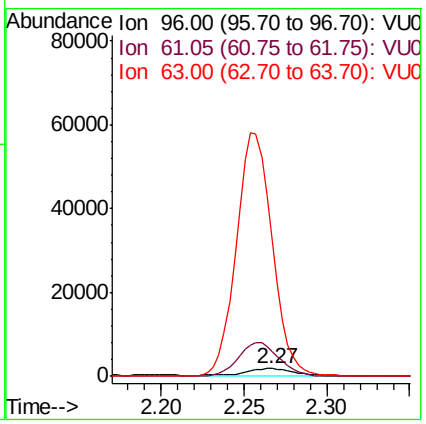


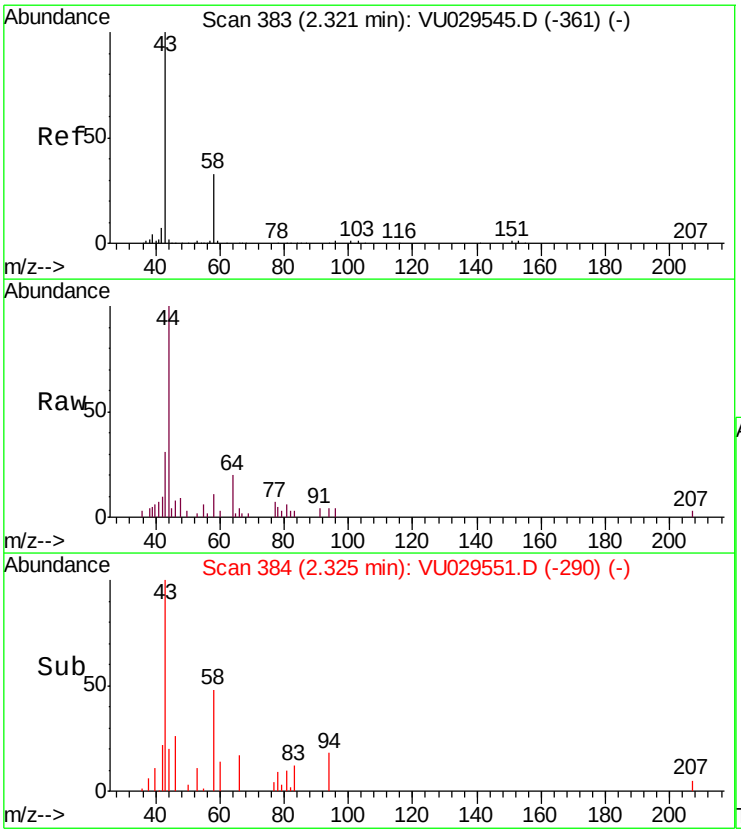
#12
1,1-Dichloroethene
Concen: 0.206 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Instrument : MSVOA_U
ClientSampleId : C0AM3DL

Tgt Ion: 96 Resp: 3472

Ion	Ratio	Lower	Upper
96	100		
61	319.1	115.1	213.7#
63	1733.3	83.5	155.1#

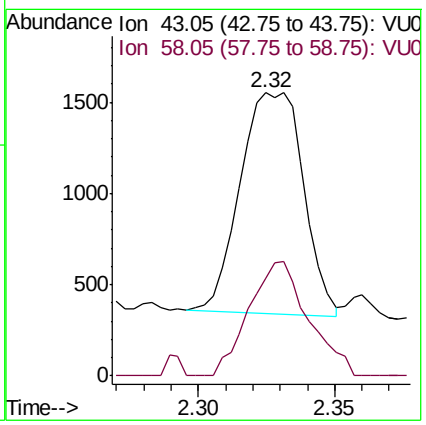


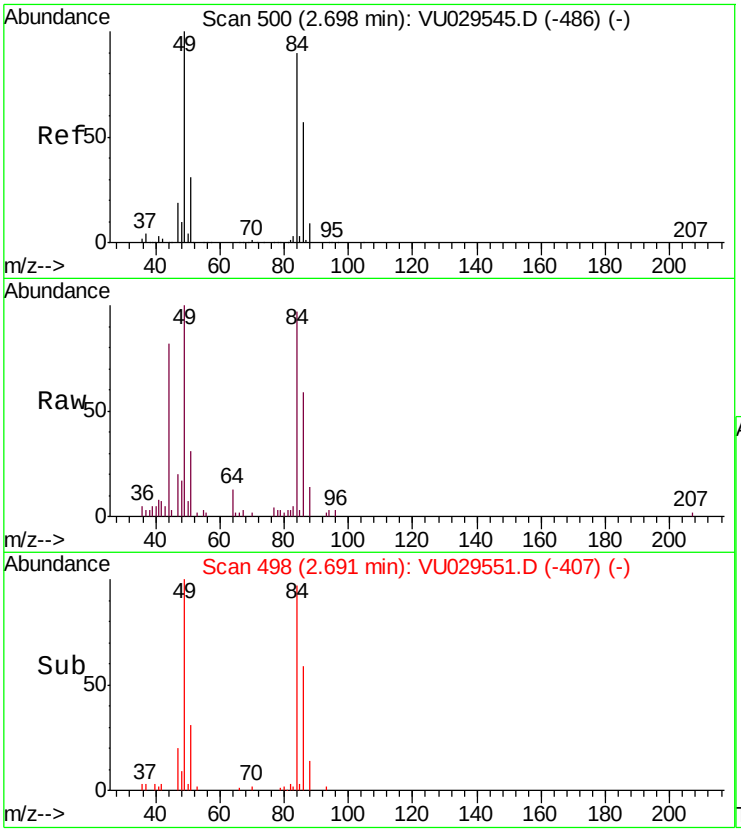


#13
Acetone
Concen: 0.751 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Tgt Ion: 43 Resp: 1950

Ion	Ratio	Lower	Upper
43	100		
58	48.4	0.0	65.0



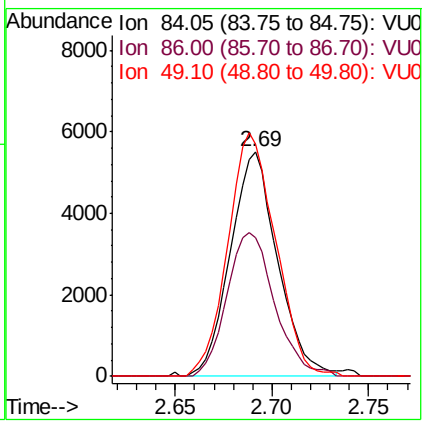


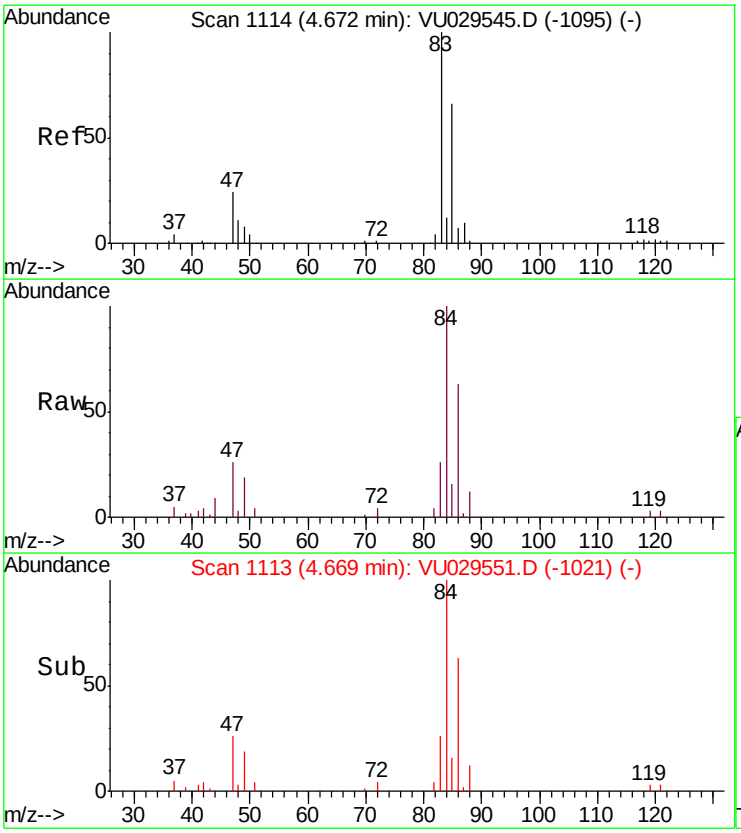
#16
Methylene chloride
Concen: 0.495 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.01 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Instrument : MSVOA_U
ClientSampleId : C0AM3DL

Tgt Ion: 84 Resp: 9375

Ion	Ratio	Lower	Upper
84	100		
86	61.4	45.1	83.9
49	103.5	81.8	151.8

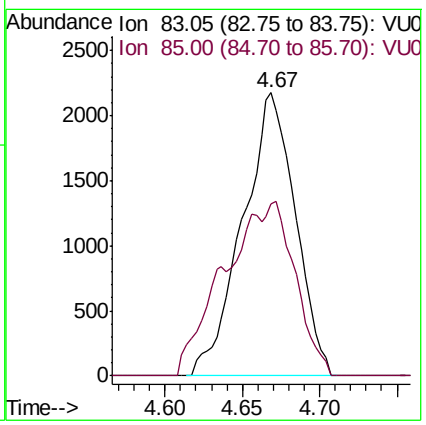


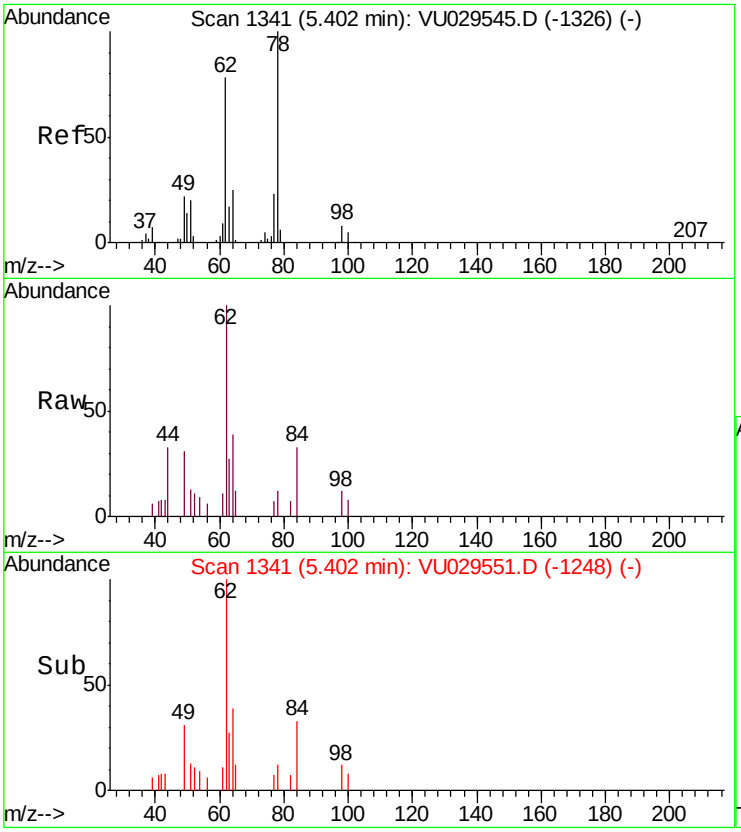


#25
Chloroform
Concen: 0.190 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Tgt Ion: 83 Resp: 5151

Ion	Ratio	Lower	Upper
83	100		
85	60.9	47.8	88.8



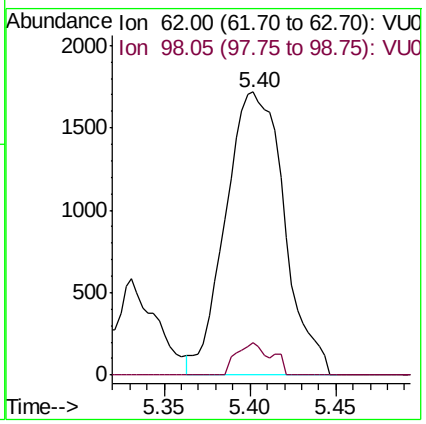


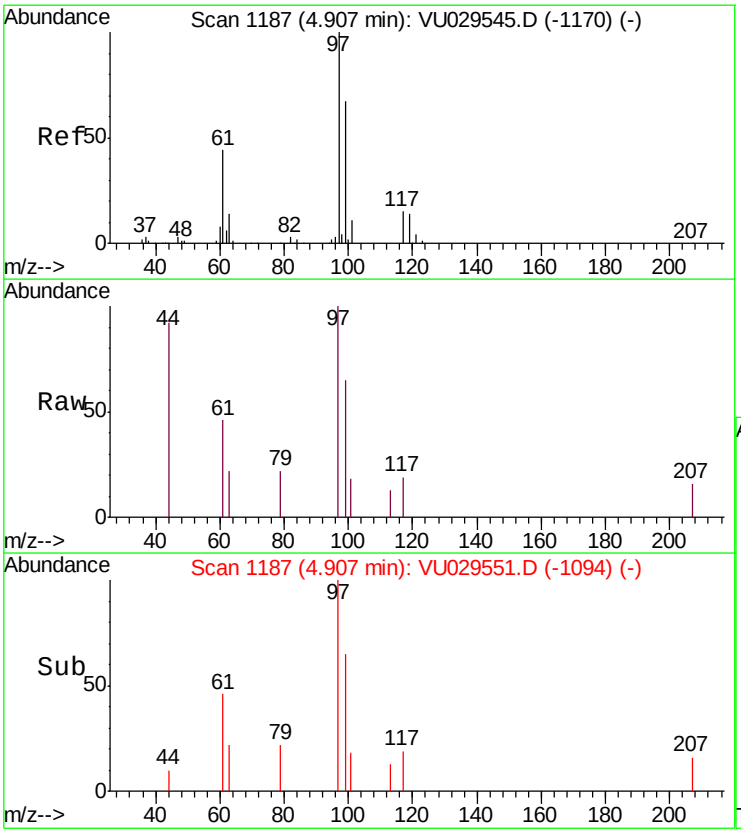
#27
1,2-Dichloroethane
Concen: 0.260 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Instrument :
MSVOA_U
ClientSampleId :
C0AM3DL

Tgt Ion: 62 Resp: 4068

Ion	Ratio	Lower	Upper
62	100		
98	11.6	8.4	12.6

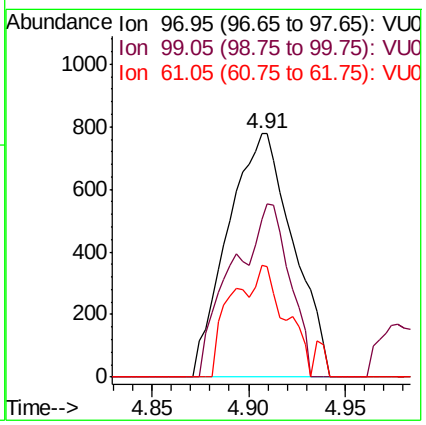


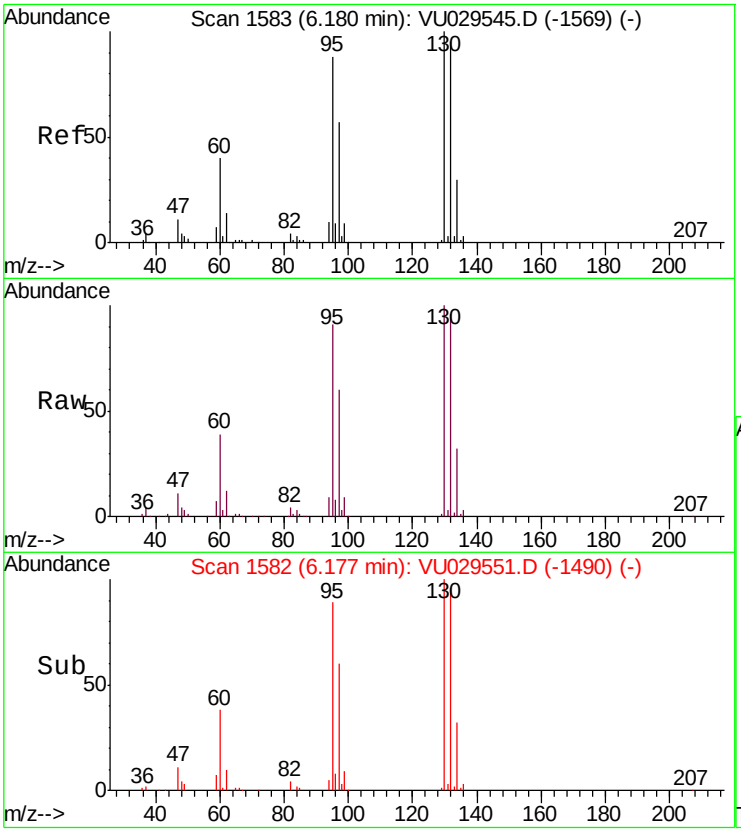


#29
1,1,1-Trichloroethane
Concen: 0.072 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Tgt Ion: 97 Resp: 1828

Ion	Ratio	Lower	Upper
97	100		
99	36.9	52.2	78.2#
61	22.2	32.0	48.0#



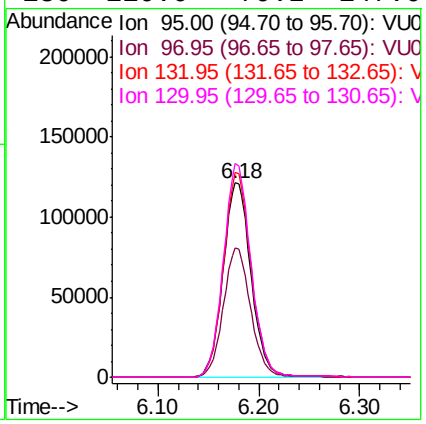


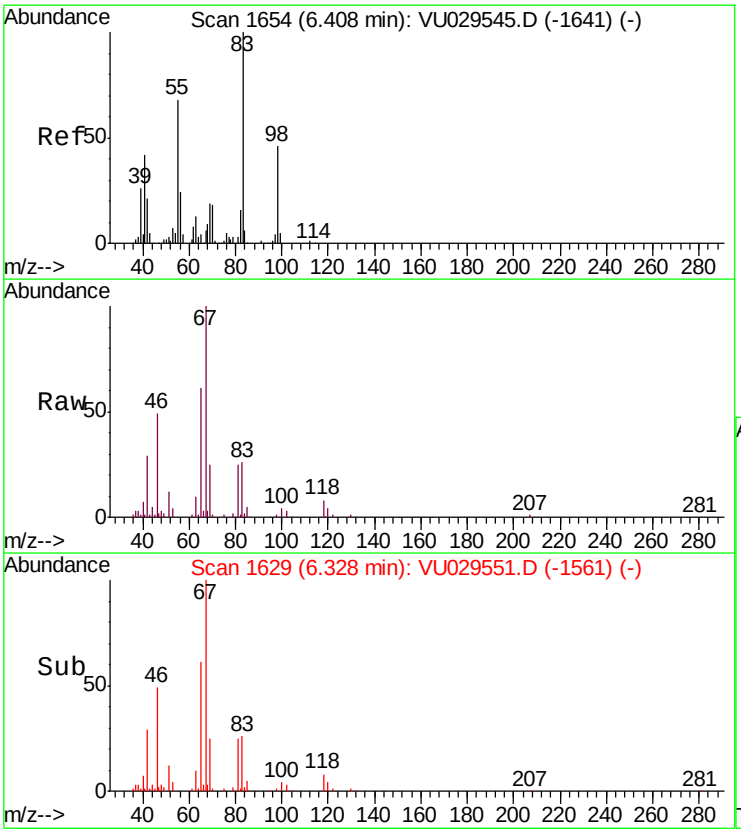
#34
Trichloroethene
Concen: 13.776 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Instrument :
MSVOA_U
ClientSampleId :
C0AM3DL

Tgt Ion: 95 Resp: 235007

Ion	Ratio	Lower	Upper
95	100		
97	66.5	46.3	86.1
132	105.3	72.9	135.3
130	110.0	79.2	147.0

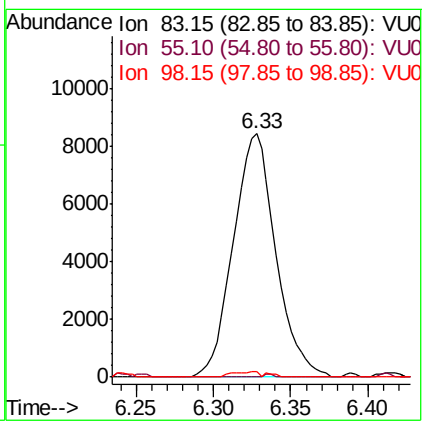


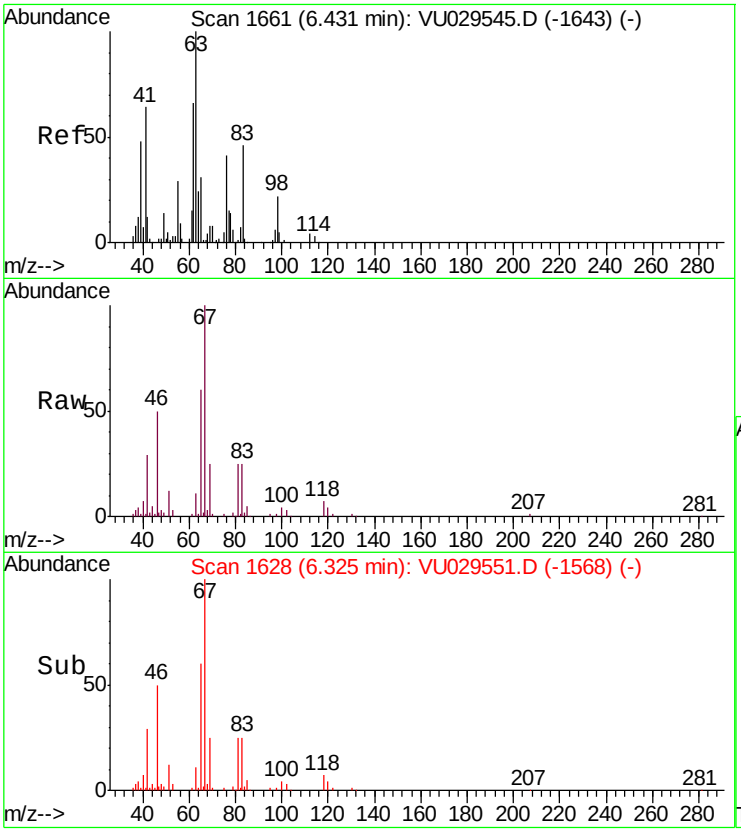


#35
Methylcyclohexane
Concen: 0.561 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Tgt Ion: 83 Resp: 16114

Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.9	83.9#
98	1.3	38.6	57.8#



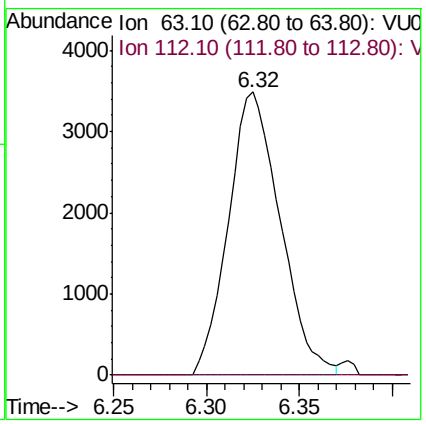


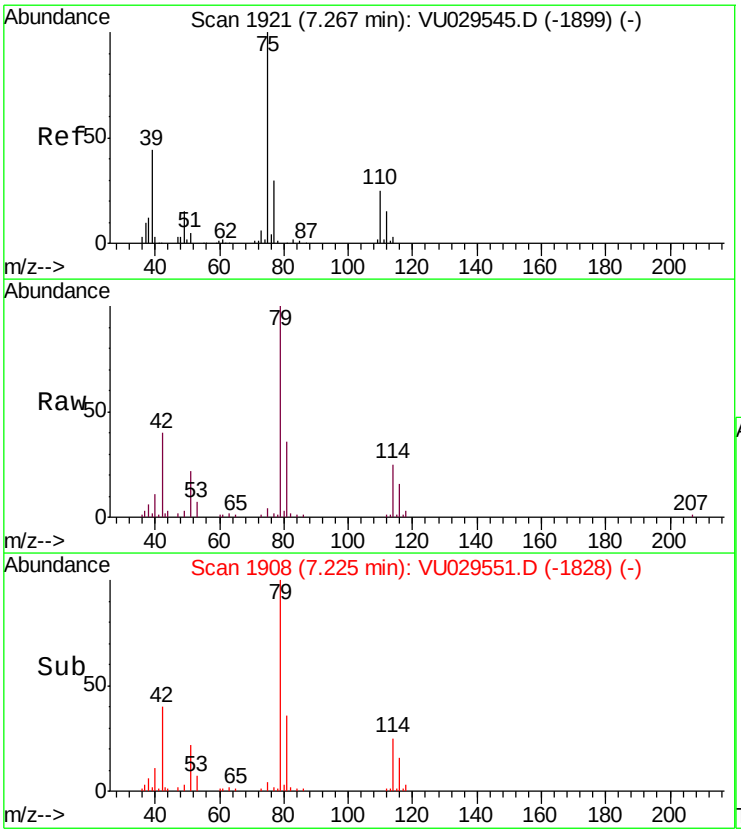
#37
1,2-Dichloropropane
Concen: 0.446 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Instrument : MSVOA_U
ClientSampleId : C0AM3DL

Tgt Ion: 63 Resp: 6771

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

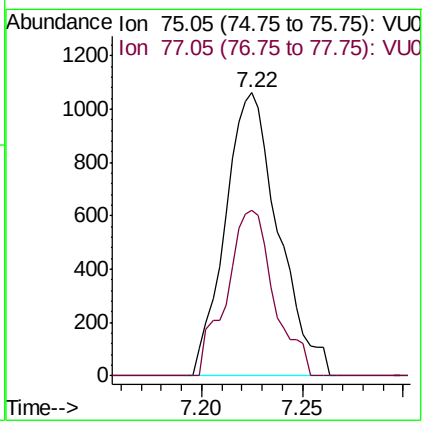


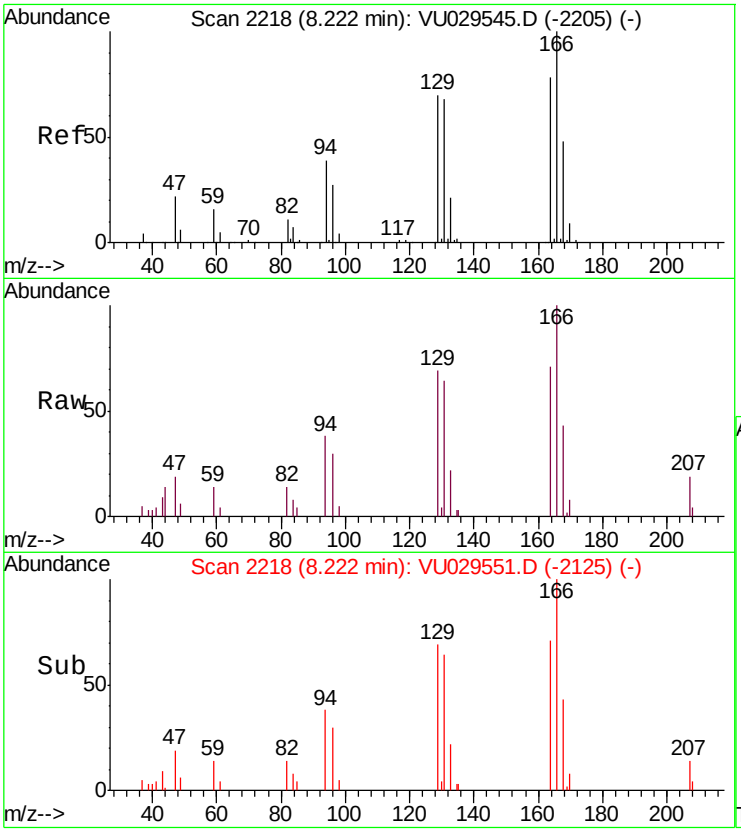


#39
cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Tgt Ion: 75 Resp: 1958

Ion	Ratio	Lower	Upper
75	100		
77	58.4	22.3	41.3#



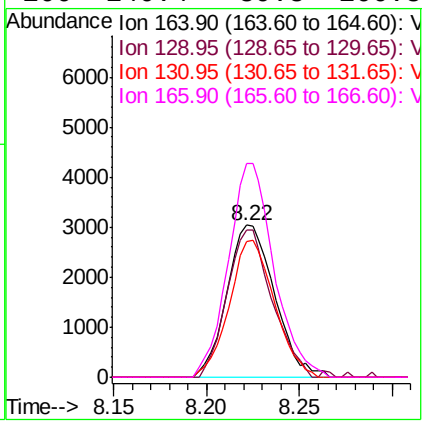


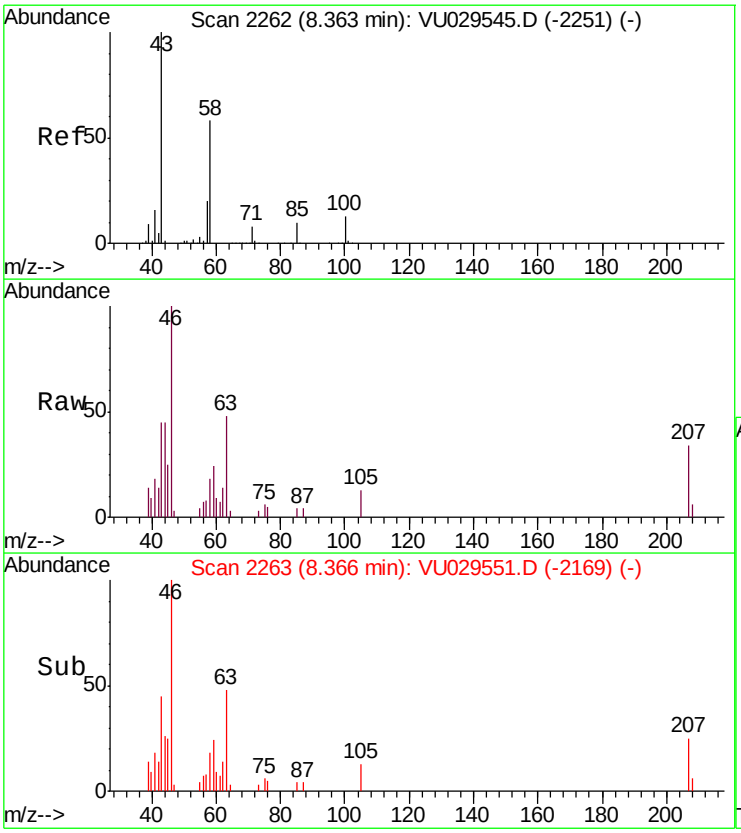
#47
Tetrachloroethene
Concen: 0.347 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Instrument :
MSVOA_U
ClientSampleId :
C0AM3DL

Tgt Ion:164 Resp: 5426

Ion	Ratio	Lower	Upper
164	100		
129	97.1	62.9	116.9
131	89.4	62.1	115.3
166	140.4	89.8	166.8

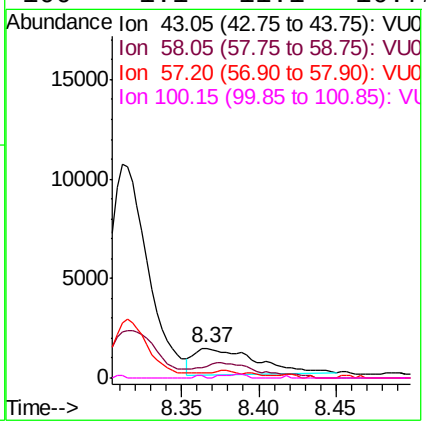


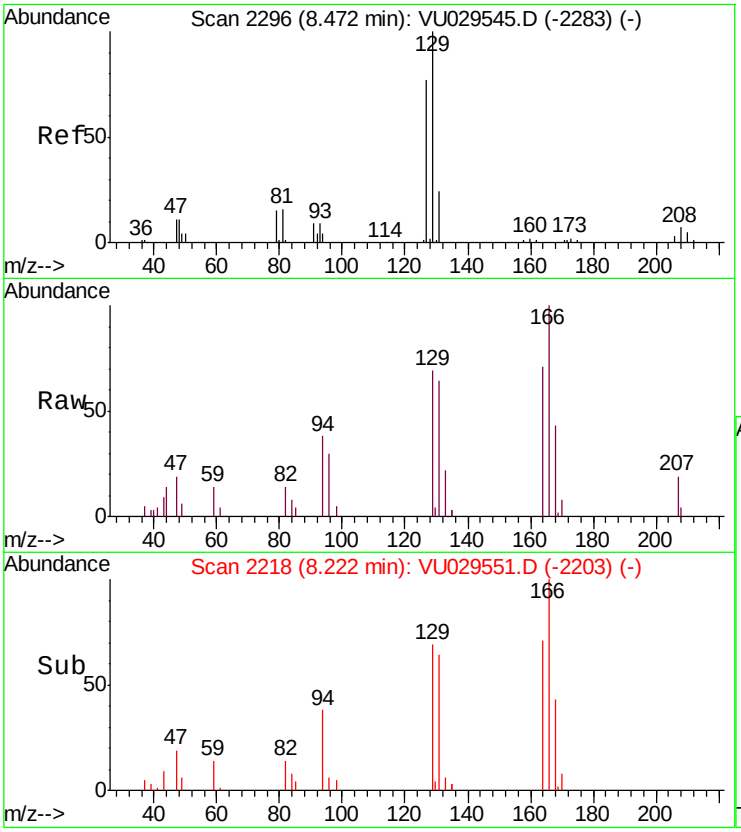


#48
2-Hexanone
Concen: 0.586 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Tgt Ion: 43 Resp: 3742

Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.7	68.5#
57	0.0	16.4	24.6#
100	1.1	11.1	16.7#



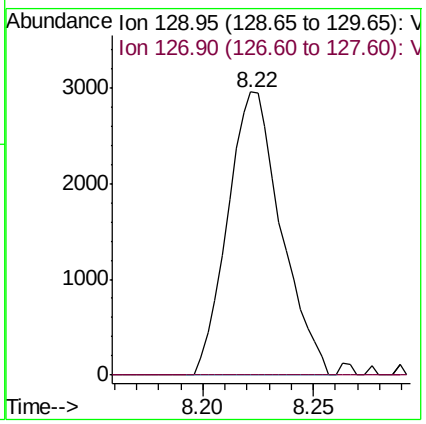


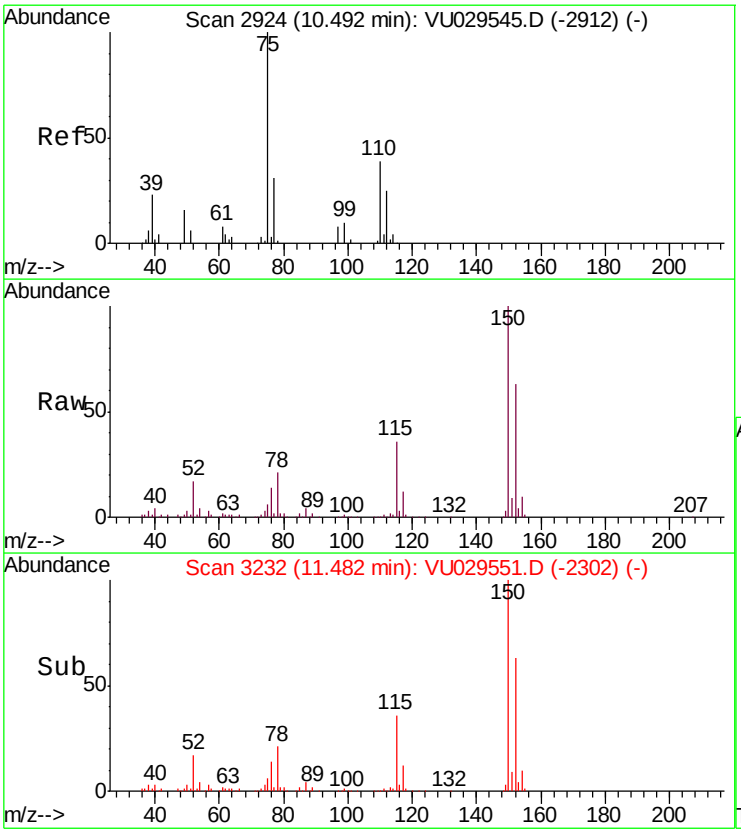
#49
Dibromochloromethane
Concen: 0.316 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Instrument :
MSVOA_U
ClientSampleId :
C0AM3DL

Tgt Ion:129 Resp: 4965

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	99.1#

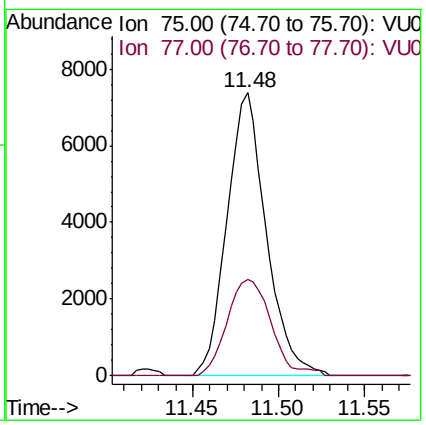


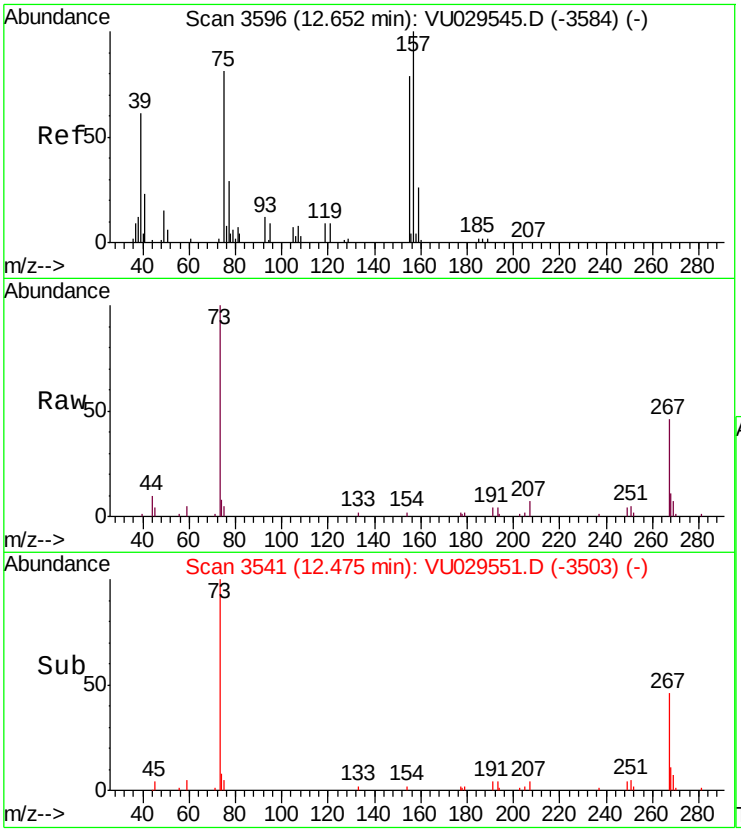


#59
1,2,3-Trichloropropane
Concen: 1.208 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Tgt Ion: 75 Resp: 11780

Ion	Ratio	Lower	Upper
75	100		
77	38.2	28.2	42.2





#66
1,2-Dibromo-3-chloropropane
Concen: 0.202 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. -0.18 min
Lab File: VU029551.D
Acq: 19 Feb 2019 13:41

Instrument :
MSVOA_U
ClientSampleId :
C0AM3DL

Tgt Ion: 75 Resp: 508

Ion	Ratio	Lower	Upper
75	100		
155	0.0	75.3	112.9#
157	0.0	103.0	154.4#