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

Quantitation Report (Not Reviewed)

Data File : VU029554.D
Acq On : 19 Feb 2019 14:52
Operator : JC/SP
Sample : K1522-03DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM4DL

Quant Time: Feb 20 00:12:06 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	217610	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	208058	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111575	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	59766	4.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.80%			
7) Chloroethane-d5	1.68	69	53901	4.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.40%			
11) 1,1-Dichloroethene-d2	2.27	63	94194	2.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.20%#			
20) 2-Butanone-d5	4.19	46	155941	51.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.60%			
24) Chloroform-d	4.65	84	98079	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
26) 1,2-Dichloroethane-d4	5.31	65	59955	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.34	84	226421	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.33	67	70468	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.56	98	217235	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	7.85	79	28199	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.31	63	154554	50.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63493	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96810	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			

Target Compounds						Qvalue
5) Vinyl chloride	1.28	62	840	0.040	ug/L	85
6) Bromomethane	1.63	94	1326	0.108	ug/L	99
8) Chloroethane	1.55	64	17069	1.251	ug/L #	56
9) Trichlorofluoromethane	1.88	101	10506	0.327	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1270	0.067	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	3933	0.220	ug/L #	1
22) cis-1,2-Dichloroethene	4.22	96	20912	1.190	ug/L	96
25) Chloroform	4.67	83	13635	0.474	ug/L	97
27) 1,2-Dichloroethane	5.40	62	5207	0.313	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	3456	0.134	ug/L	94
34) Trichloroethene	6.18	95	232568	13.506	ug/L	97
35) Methylcyclohexane	6.33	83	17658	0.610	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7878	0.514	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2064	0.085	ug/L	88
47) Tetrachloroethene	8.23	164	22207	1.408	ug/L	96
48) 2-Hexanone	8.37	43	2171	0.337	ug/L #	90
49) Dibromochloromethane	8.22	129	20858	1.317	ug/L #	11

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

Quantitation Report (Not Reviewed)

Data File : VU029554.D
Acq On : 19 Feb 2019 14:52
Operator : JC/SP
Sample : K1522-03DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM4DL

Quant Time: Feb 20 00:12:06 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	11088	1.127	ug/L	99

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

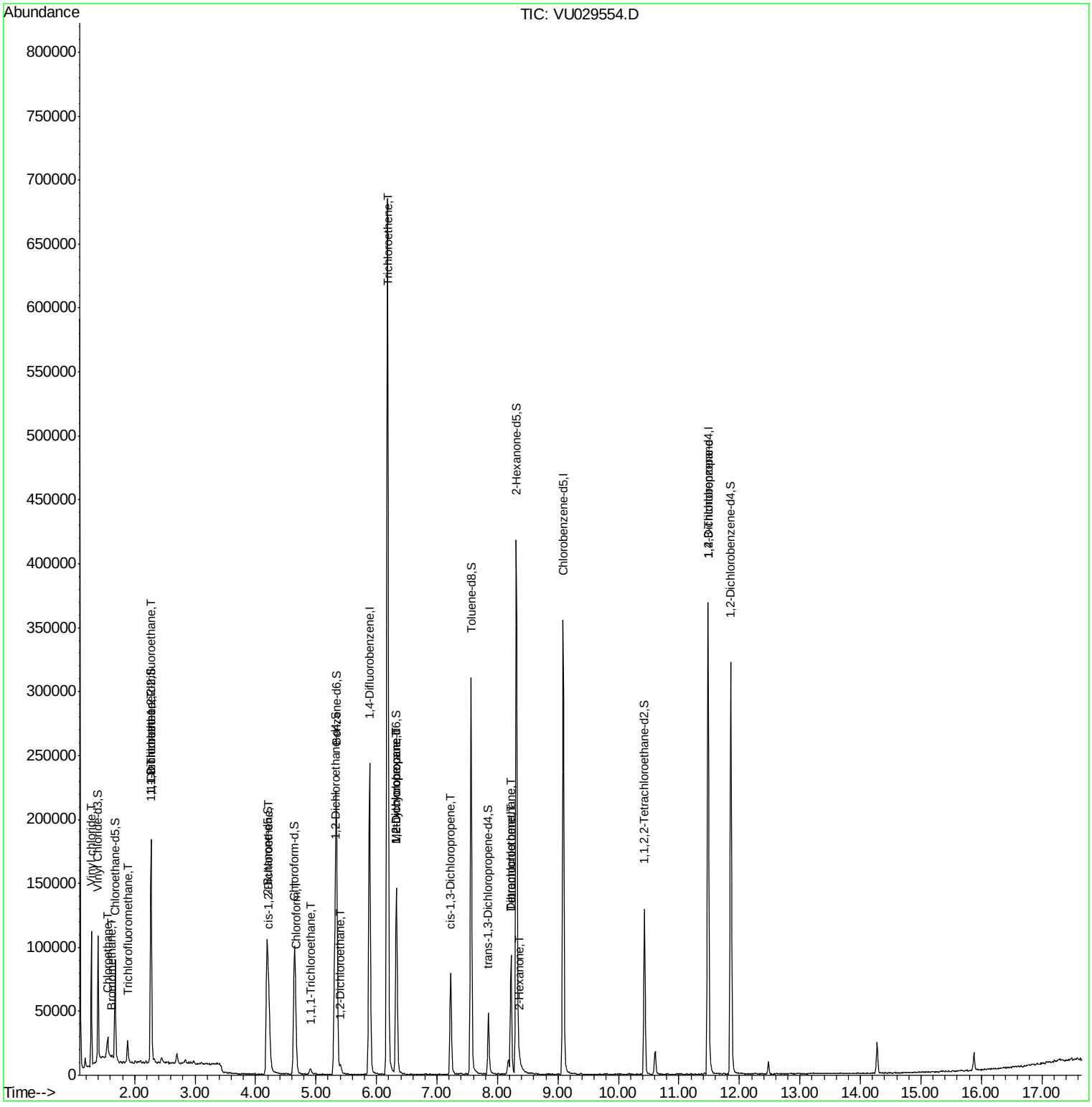
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\

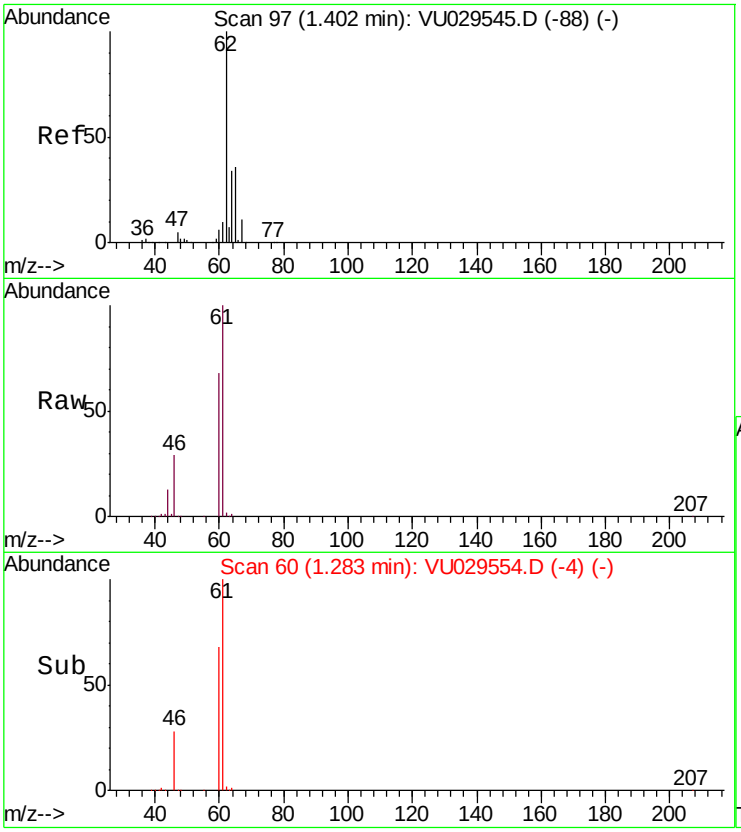
Quantitation Report (Not Reviewed)

Data File : VU029554.D
Acq On : 19 Feb 2019 14:52
Operator : JC/SP
Sample : K1522-03DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM4DL

Quant Time: Feb 20 00:12:06 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



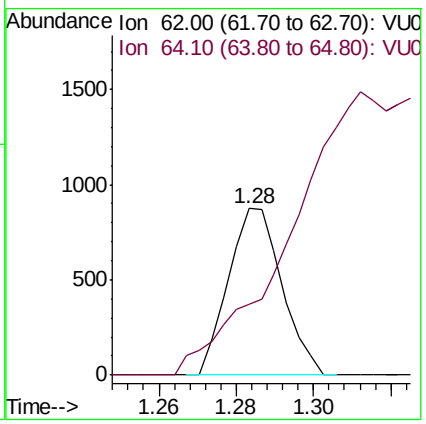


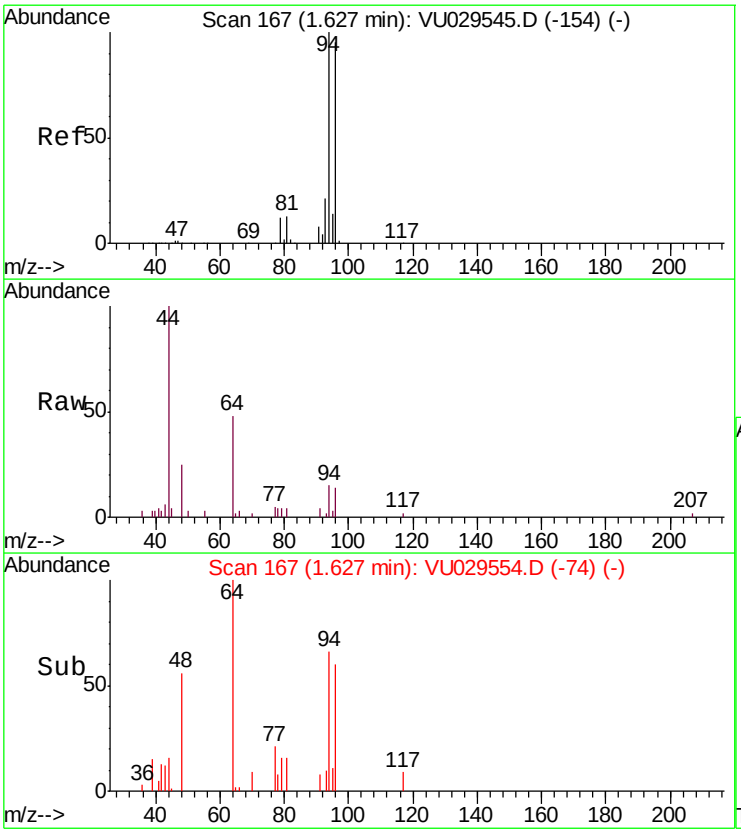
#5
Vinyl chloride
Concen: 0.040 ug/L
RT: 1.28 min Scan# 60
Delta R.T. -0.12 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Instrument : MSVOA_U
ClientSampleId : C0AM4DL

Tgt Ion: 62 Resp: 840

Ion	Ratio	Lower	Upper
62	100		
64	42.1	23.5	43.7

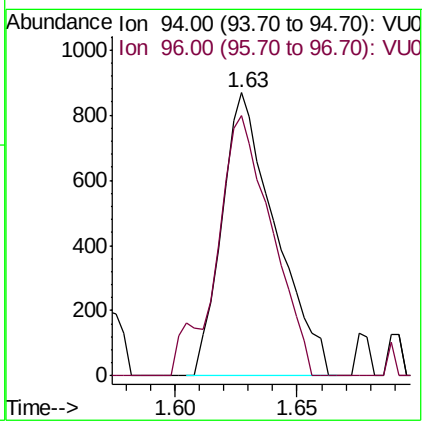


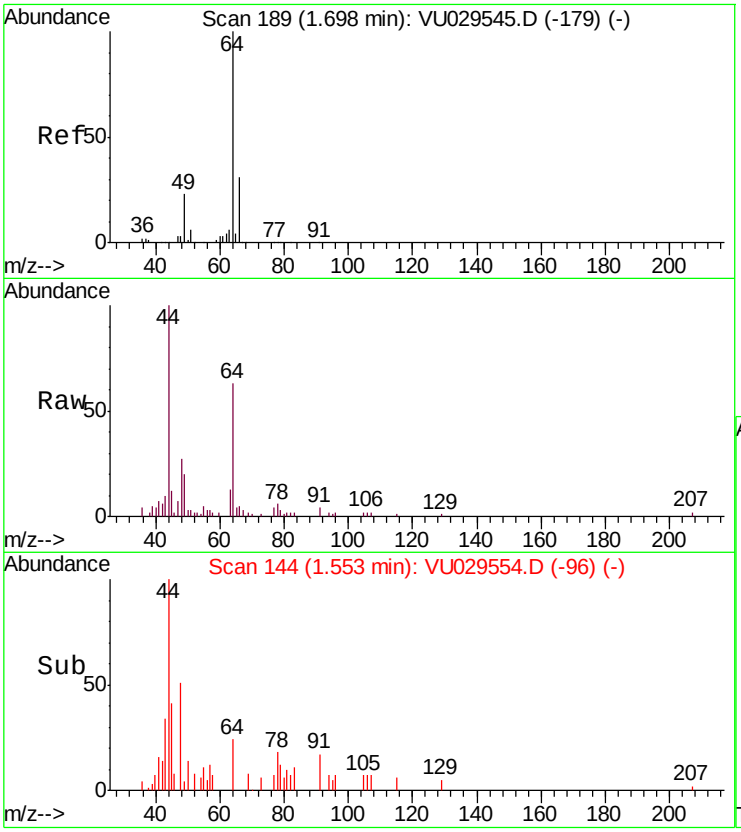


#6
Bromomethane
Concen: 0.108 ug/L
RT: 1.63 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Tgt Ion: 94 Resp: 1326

Ion	Ratio	Lower	Upper
94	100		
96	91.9	65.2	121.0



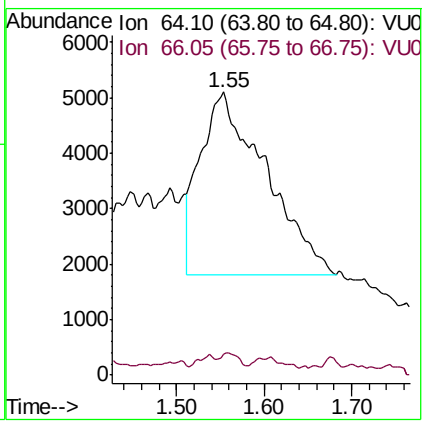


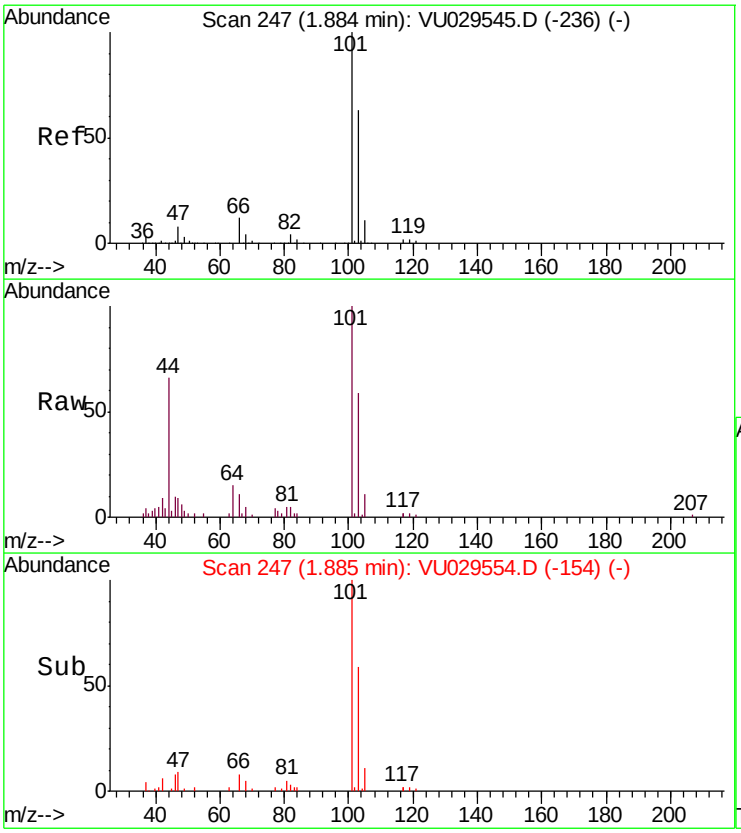
#8
Chloroethane
Concen: 1.251 ug/L
RT: 1.55 min Scan# 144
Delta R.T. -0.14 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
C0AM4DL

Tgt Ion: 64 Resp: 17069

Ion	Ratio	Lower	Upper
64	100		
66	7.3	22.0	40.8#

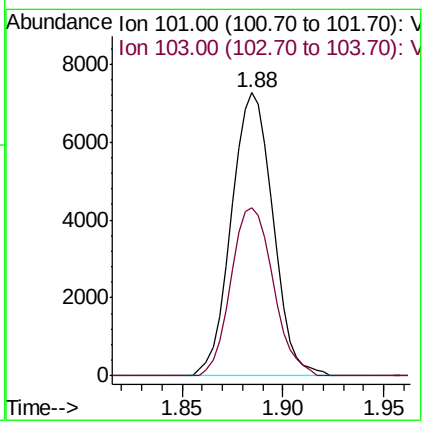


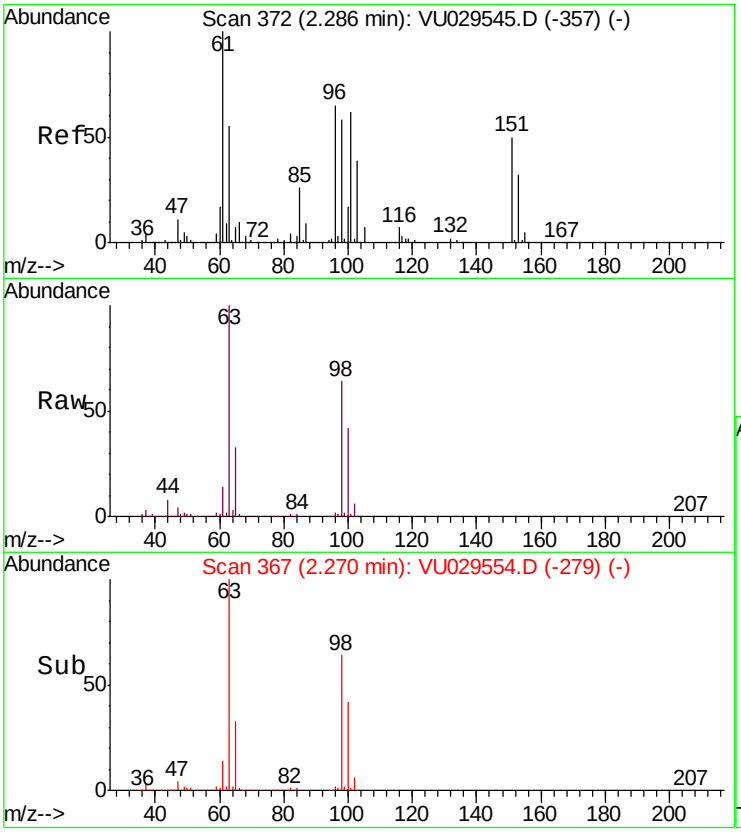


#9
Trichlorofluoromethane
Concen: 0.327 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Tgt Ion:101 Resp: 10506

Ion	Ratio	Lower	Upper
101	100		
103	60.6	52.1	78.1



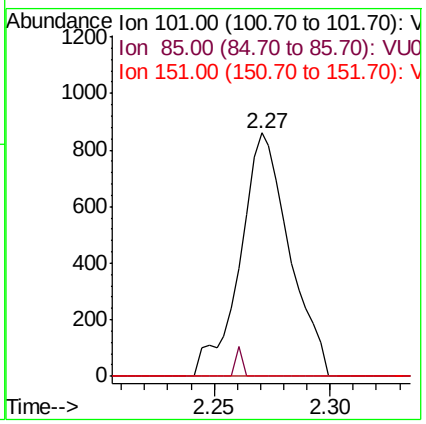


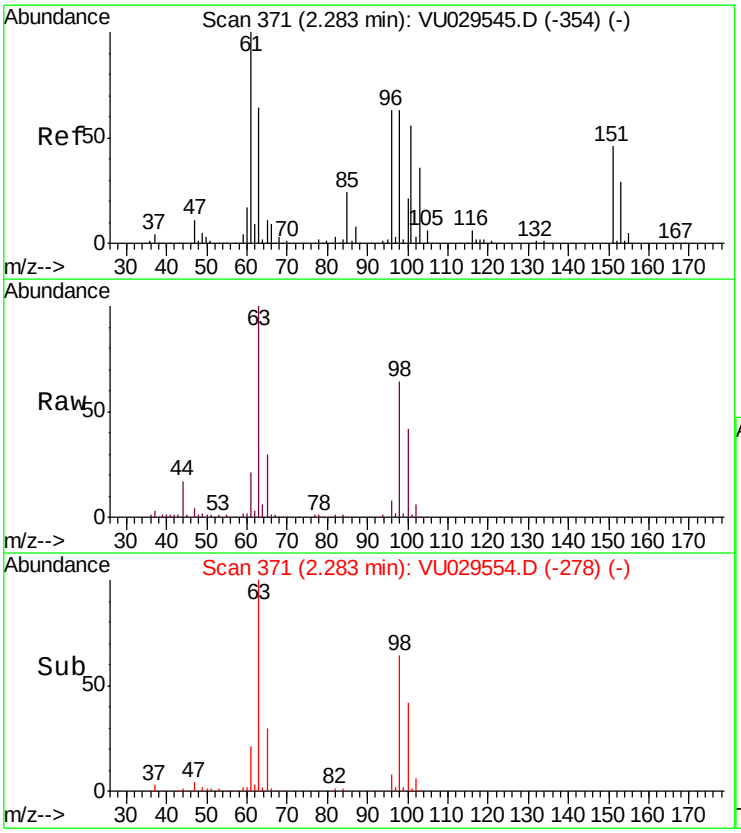
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
C0AM4DL

Tgt Ion:101 Resp: 1270

Ion	Ratio	Lower	Upper
101	100		
85	1.6	35.1	52.7#
151	0.0	67.0	100.6#

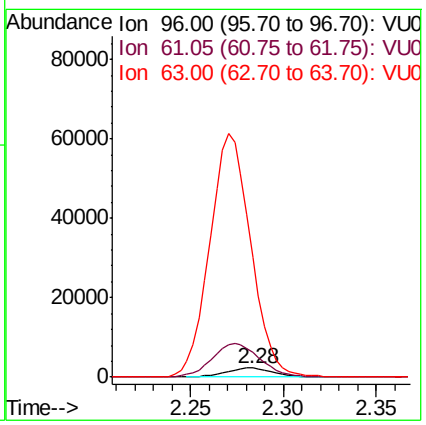


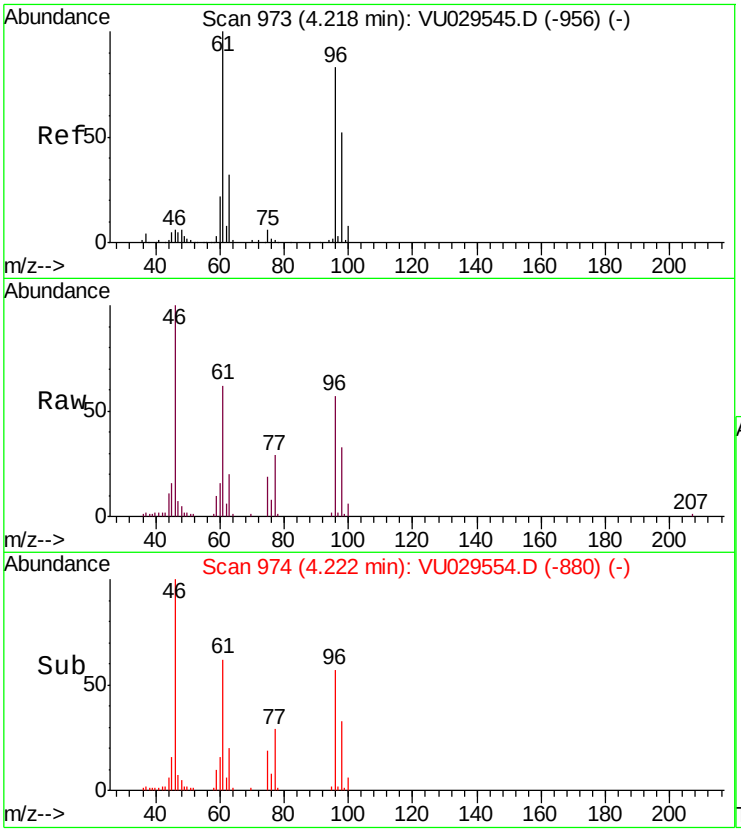


#12
1,1-Dichloroethene
Concen: 0.220 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Tgt Ion: 96 Resp: 3933

Ion	Ratio	Lower	Upper
96	100		
61	266.0	115.1	213.7#
63	1277.2	83.5	155.1#



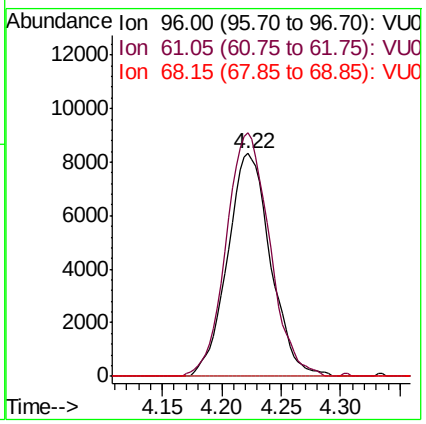


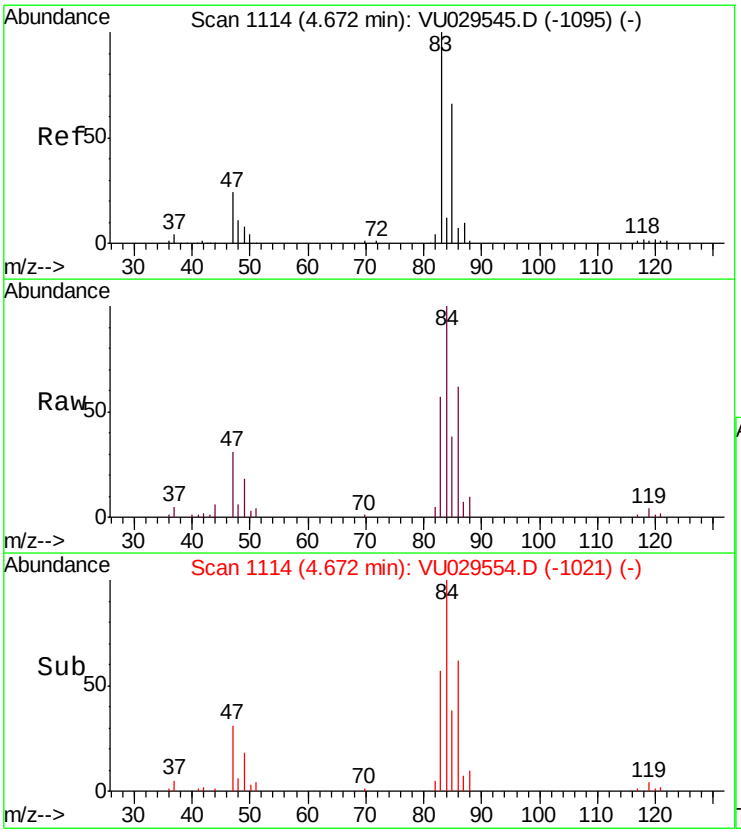
#22
cis-1,2-Dichloroethene
Concen: 1.190 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
C0AM4DL

Tgt Ion: 96 Resp: 20912

Ion	Ratio	Lower	Upper
96	100		
61	109.4	79.9	148.5
68	0.0	0.0	0.0

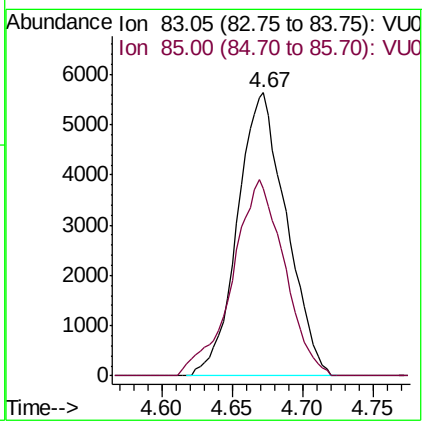


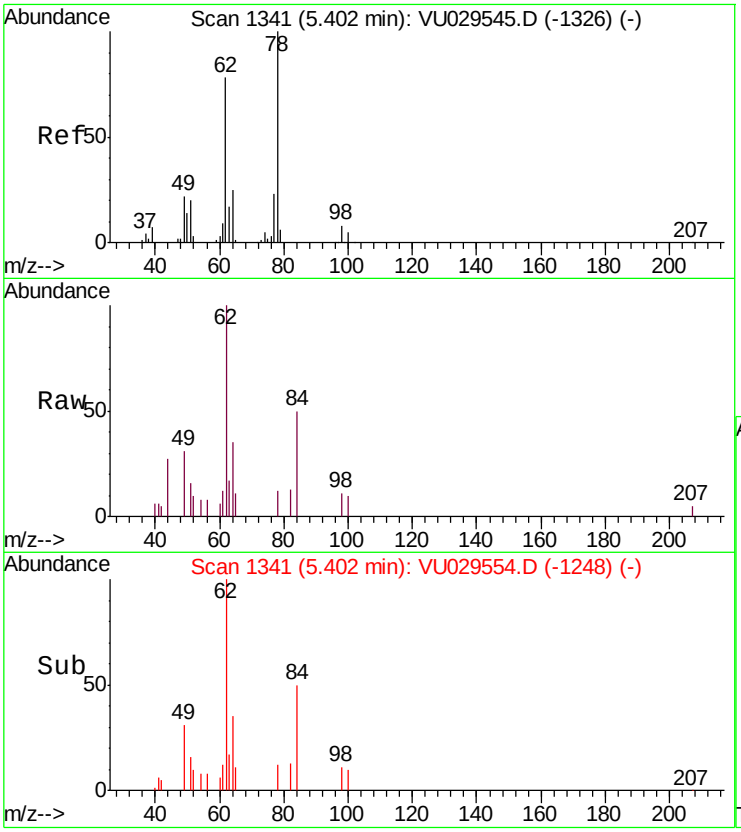


#25
Chloroform
Concen: 0.474 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Tgt Ion: 83 Resp: 13635

Ion	Ratio	Lower	Upper
83	100		
85	66.2	47.8	88.8



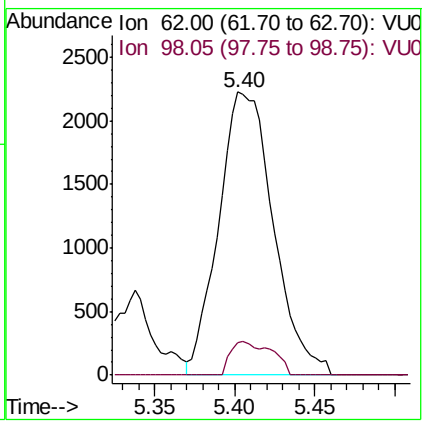


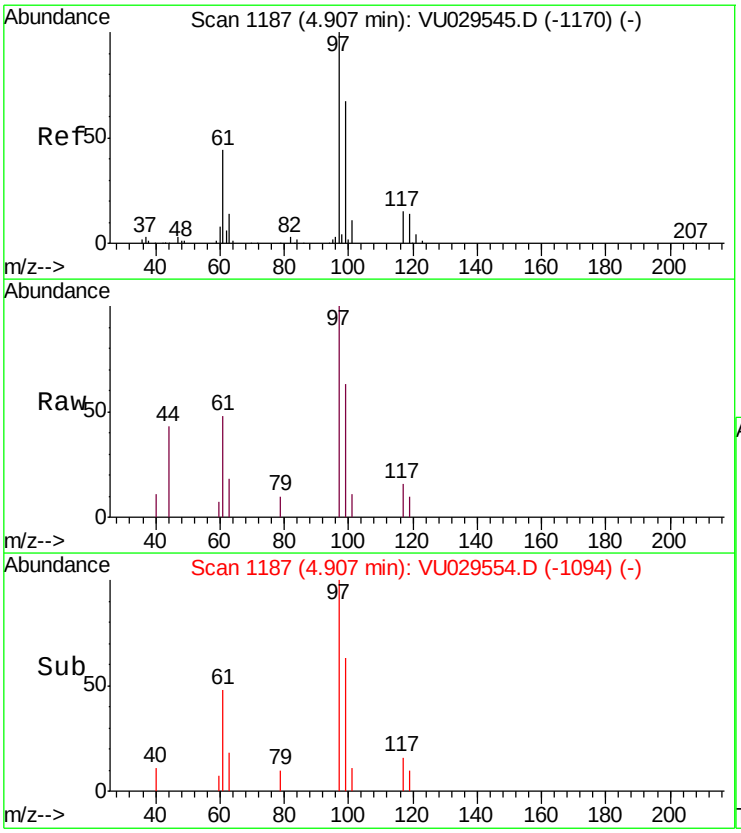
#27
1,2-Dichloroethane
Concen: 0.313 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Instrument : MSVOA_U
ClientSampleId : C0AM4DL

Tgt Ion: 62 Resp: 5207

Ion	Ratio	Lower	Upper
62	100		
98	11.4	8.4	12.6

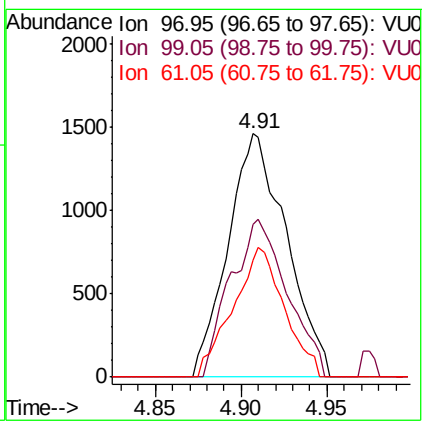


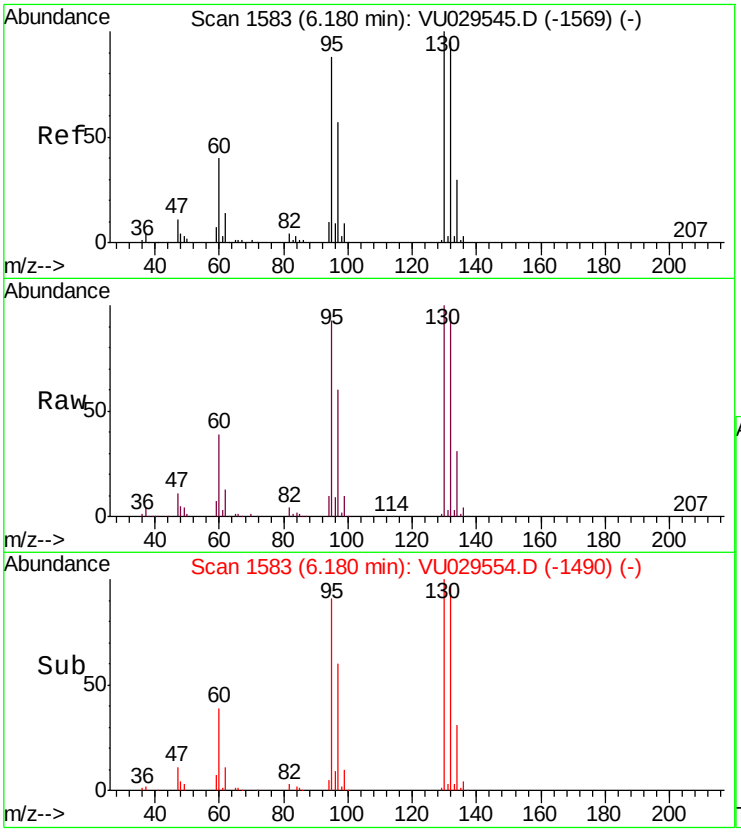


#29
1,1,1-Trichloroethane
Concen: 0.134 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Tgt Ion: 97 Resp: 3456

Ion	Ratio	Lower	Upper
97	100		
99	62.6	52.2	78.2
61	46.4	32.0	48.0



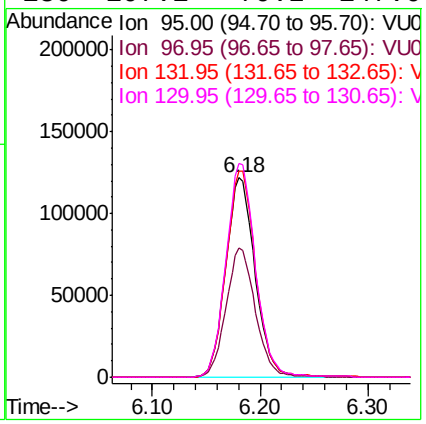


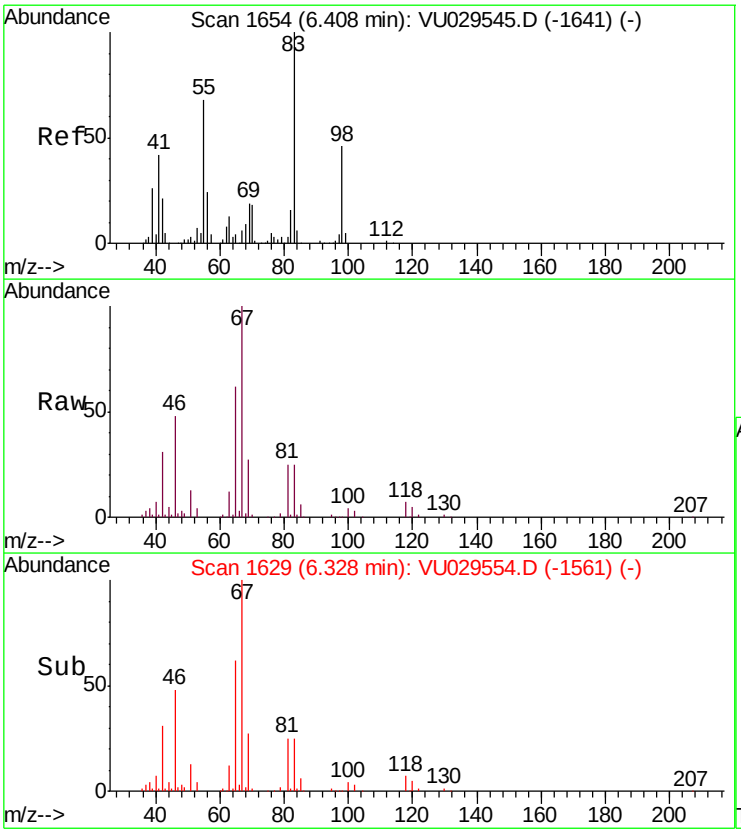
#34
Trichloroethene
Concen: 13.506 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
C0AM4DL

Tgt Ion: 95 Resp: 232568

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.3	86.1
132	103.5	72.9	135.3
130	107.1	79.2	147.0

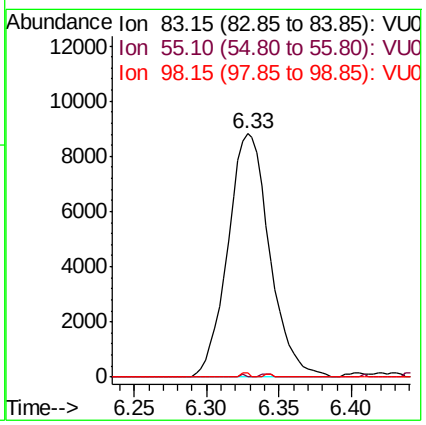


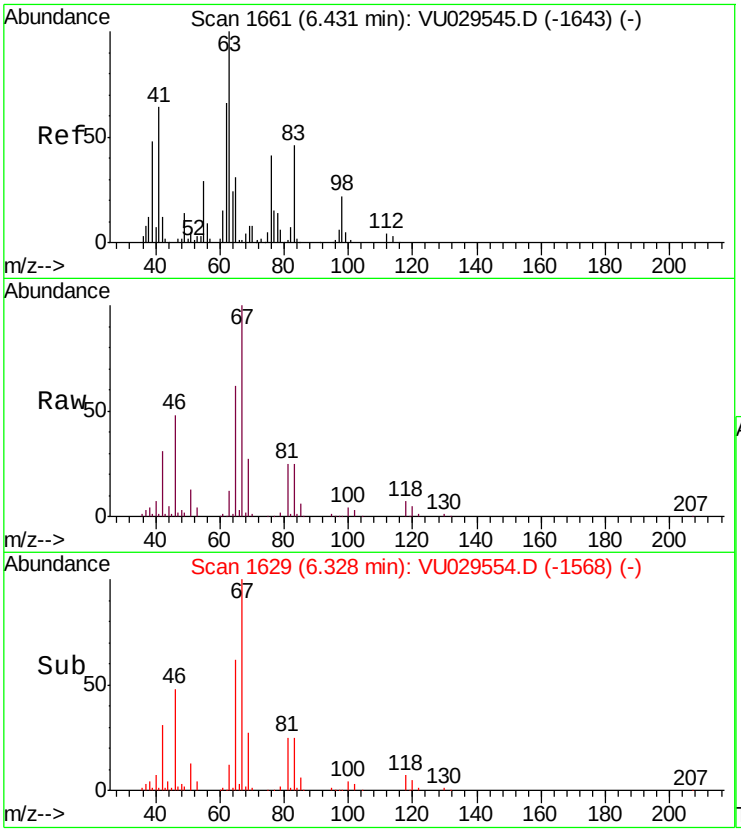


#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Tgt Ion: 83 Resp: 17658

Ion	Ratio	Lower	Upper
83	100		
55	0.1	55.9	83.9#
98	0.0	38.6	57.8#



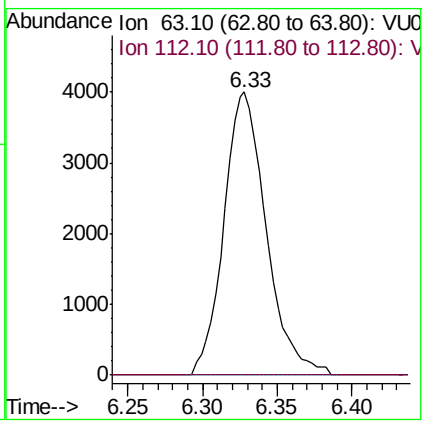


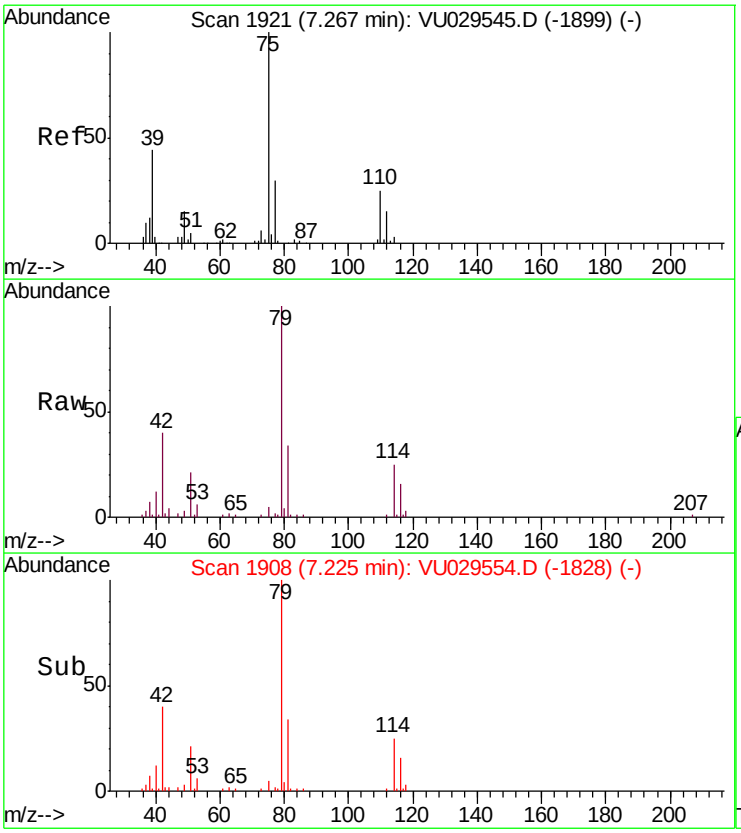
#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Instrument : MSVOA_U
ClientSampleId : C0AM4DL

Tgt Ion: 63 Resp: 7878

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

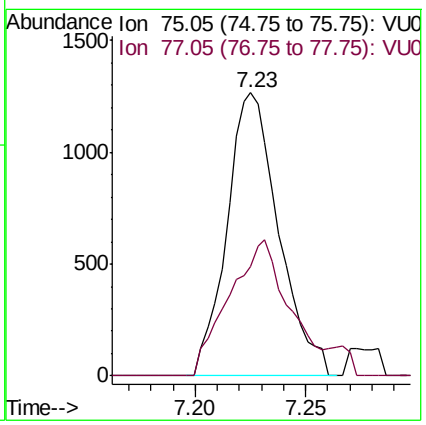


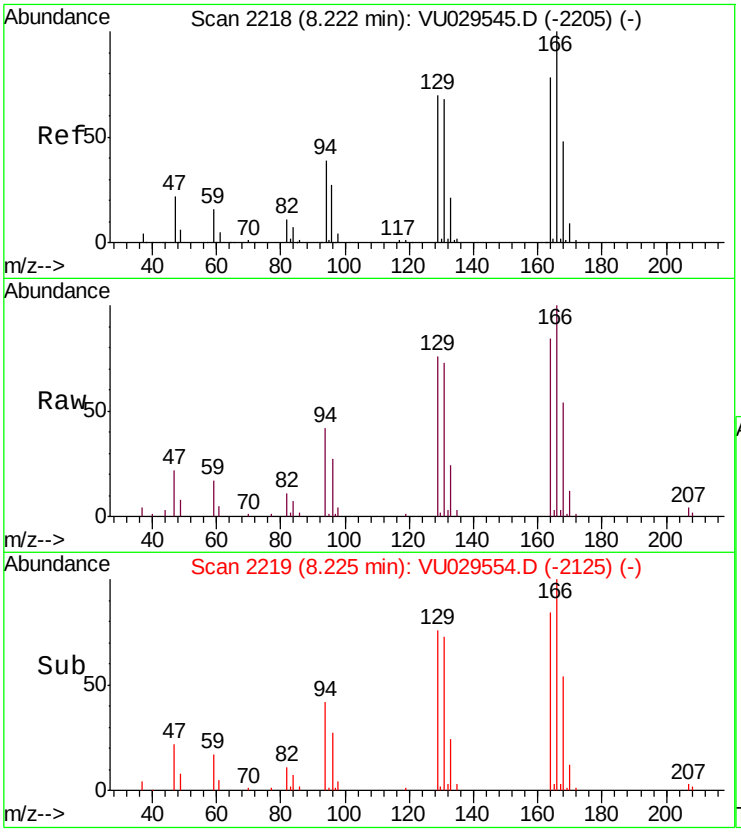


#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Tgt Ion: 75 Resp: 2064

Ion	Ratio	Lower	Upper
75	100		
77	38.5	22.3	41.3



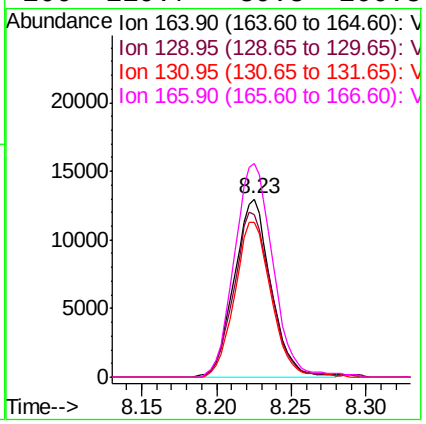


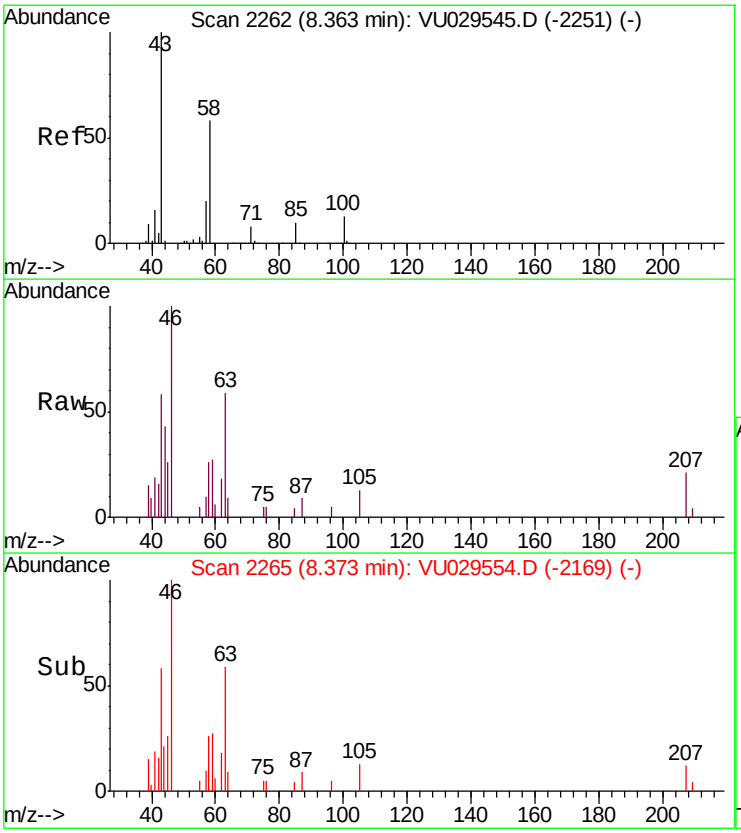
#47
Tetrachloroethene
Concen: 1.408 ug/L
RT: 8.23 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Instrument : MSVOA_U
ClientSampleId : C0AM4DL

Tgt Ion:164 Resp: 22207

Ion	Ratio	Lower	Upper
164	100		
129	91.4	62.9	116.9
131	87.0	62.1	115.3
166	119.7	89.8	166.8

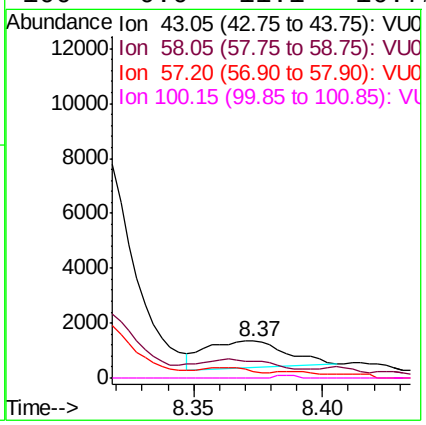


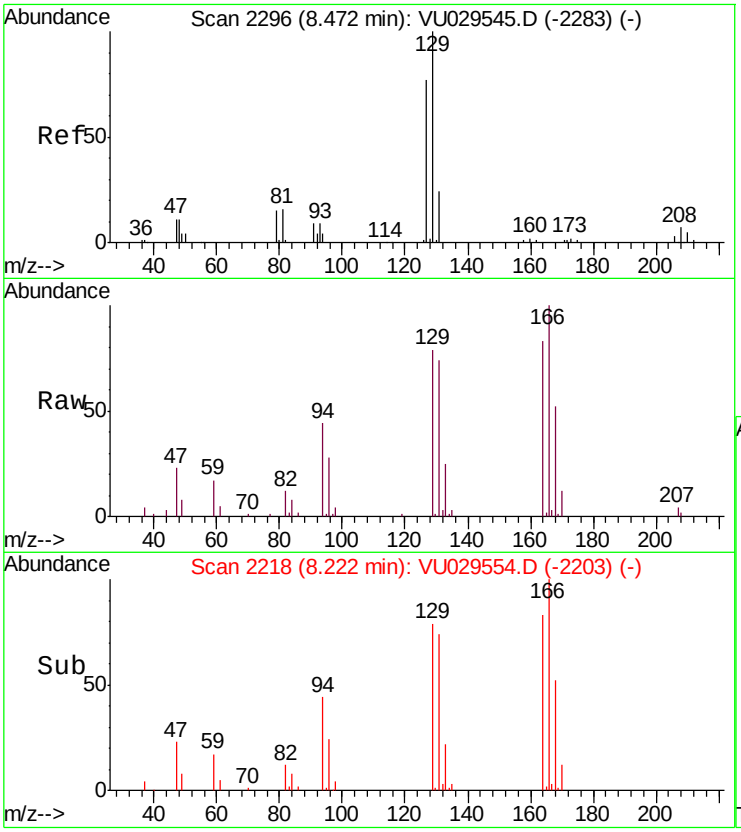


#48
2-Hexanone
Concen: 0.337 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Tgt Ion: 43 Resp: 2171

Ion	Ratio	Lower	Upper
43	100		
58	54.8	45.7	68.5
57	25.5	16.4	24.6#
100	0.0	11.1	16.7#



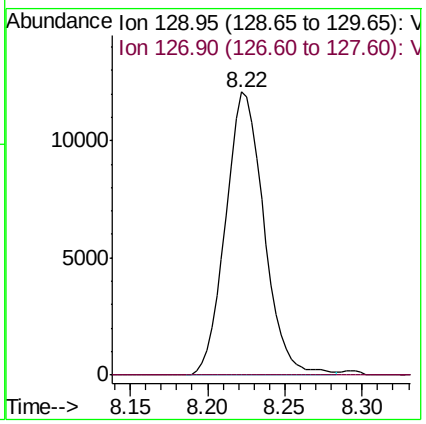


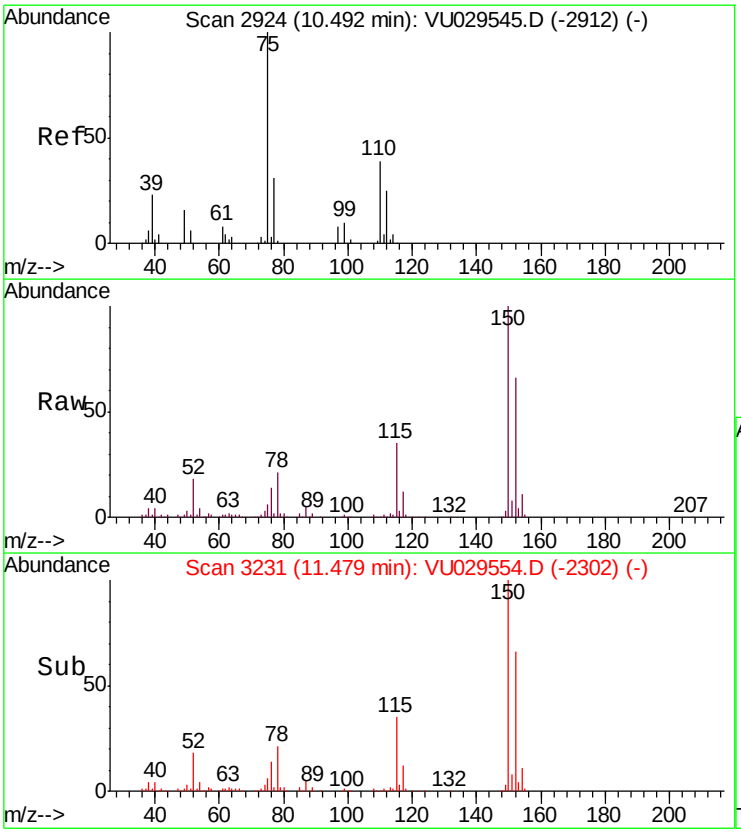
#49
Dibromochloromethane
Concen: 1.317 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
C0AM4DL

Tgt Ion:129 Resp: 20858

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	99.1#





#59
1,2,3-Trichloropropane
Concen: 1.127 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029554.D
Acq: 19 Feb 2019 14:52

Tgt Ion: 75 Resp: 11088

Ion	Ratio	Lower	Upper
75	100		
77	36.0	28.2	42.2