Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

Quantitation Report (Not Reviewed)

Data File : VU029504.D
Acq On : 15 Feb 2019 18:31
Operator : JC/SP
Sample : K1438-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXD6DL

Quant Time: Feb 16 00:17:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98030	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	60007	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.68	69	59932	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	2.27	63	101814	3.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.40%			
20) 2-Butanone-d5	4.20	46	133745	49.73	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.46%			
24) Chloroform-d	4.65	84	98760	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.31	65	55485	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
32) Benzene-d6	5.34	84	222563	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.33	67	65372	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.56	98	223182	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
43) trans-1,3-Dichloropropene-	7.85	79	27182	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
46) 2-Hexanone-d5	8.31	63	140406	51.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55959	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	97835	5.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	31668	1.708	ug/L	97
6) Bromomethane	1.63	94	671	0.062	ug/L	97
8) Chloroethane	1.64	64	34207	2.833	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1228	0.073	ug/L #	25
12) 1,1-Dichloroethene	2.28	96	1687	0.106	ug/L #	1
13) Acetone	2.34	43	2115	0.866	ug/L	73
16) Methylene chloride	2.70	84	8178	0.459	ug/L	89
18) trans-1,2-Dichloroethene	2.98	96	2408	0.143	ug/L	90
22) cis-1,2-Dichloroethene	4.22	96	123792	7.966	ug/L	99
25) Chloroform	4.67	83	4951	0.194	ug/L	93
34) Trichloroethene	6.19	95	5510	0.356	ug/L	95
35) Methylcyclohexane	6.33	83	16241	0.623	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6879	0.498	ug/L #	87
47) Tetrachloroethene	8.22	164	9659	0.681	ug/L	96
49) Dibromochloromethane	8.22	129	8598	0.603	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9912	1.120	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

Quantitation Report (Not Reviewed)

Data File : VU029504.D
Acq On : 15 Feb 2019 18:31
Operator : JC/SP
Sample : K1438-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXD6DL

Quant Time: Feb 16 00:17:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

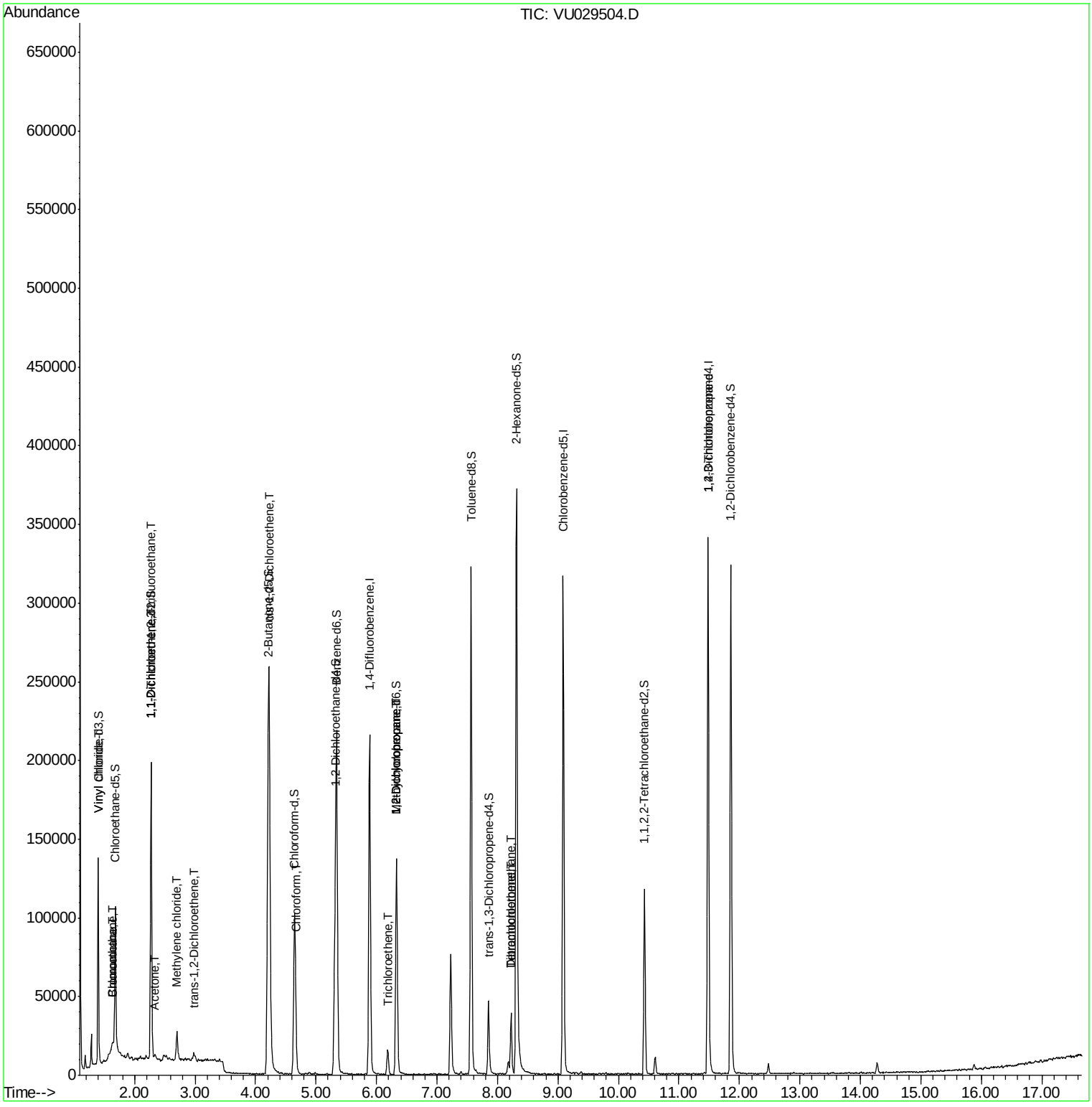
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

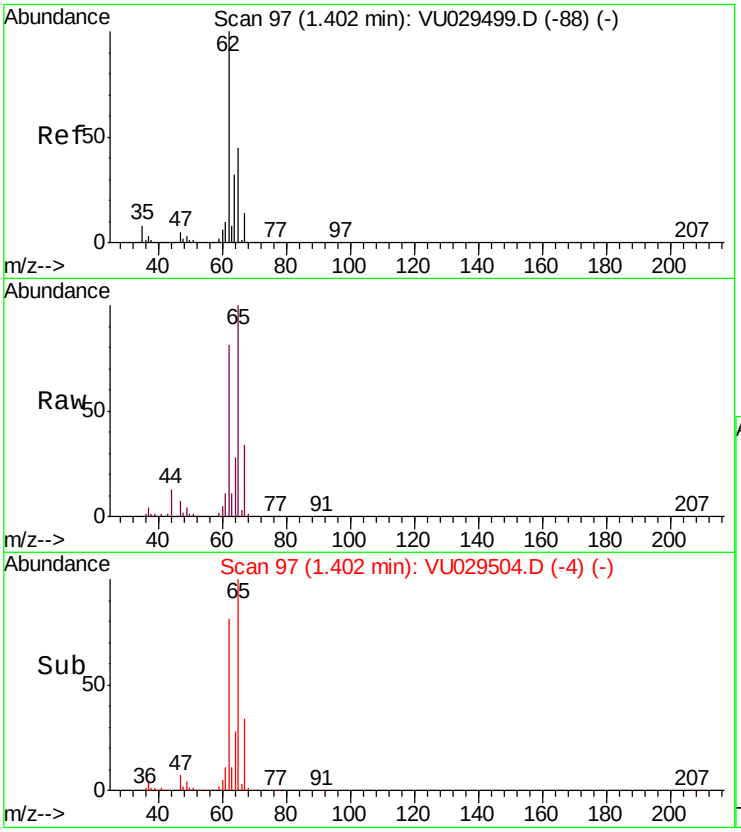
Quantitation Report (Not Reviewed)

Data File : VU029504.D
Acq On : 15 Feb 2019 18:31
Operator : JC/SP
Sample : K1438-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXD6DL

Quant Time: Feb 16 00:17:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration



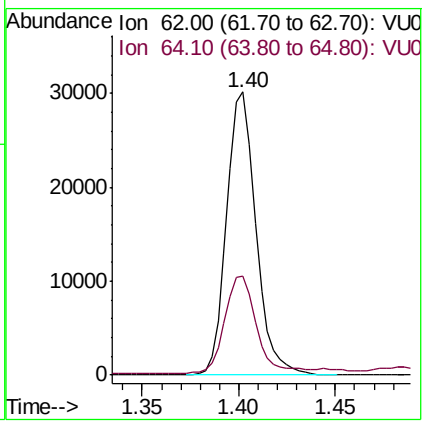


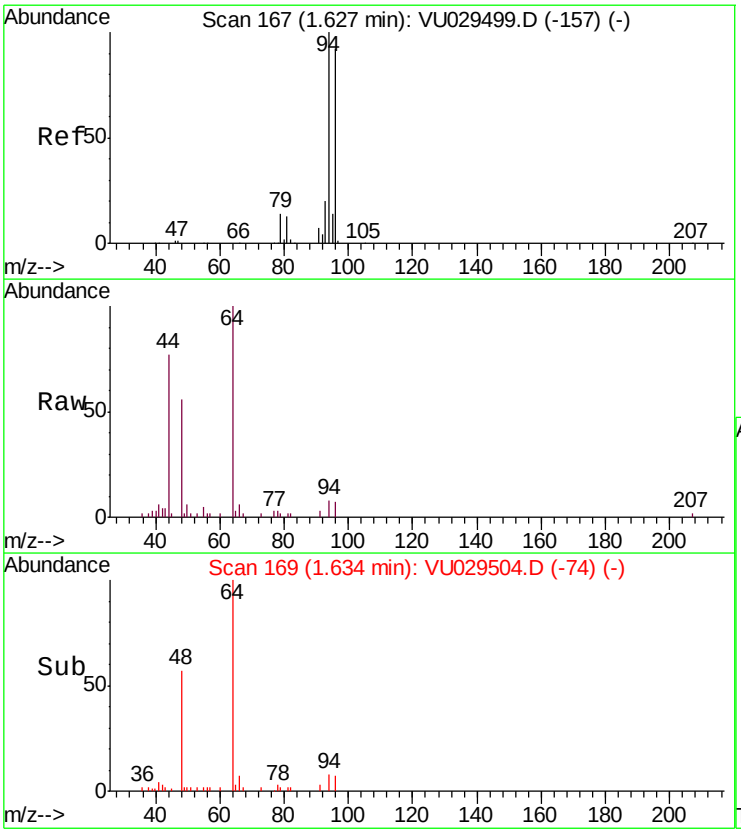
#5
Vinyl chloride
Concen: 1.708 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Instrument : MSVOA_U
ClientSampleId : ESXD6DL

Tgt Ion: 62 Resp: 31668

Ion	Ratio	Lower	Upper
62	100		
64	35.2	23.5	43.7

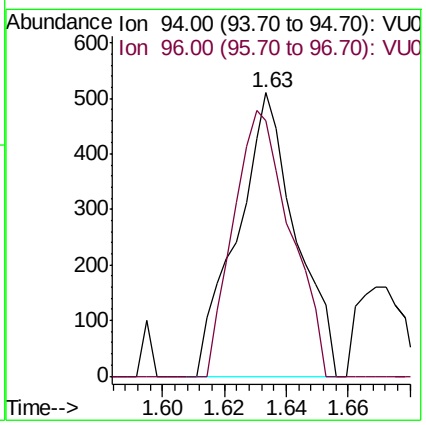


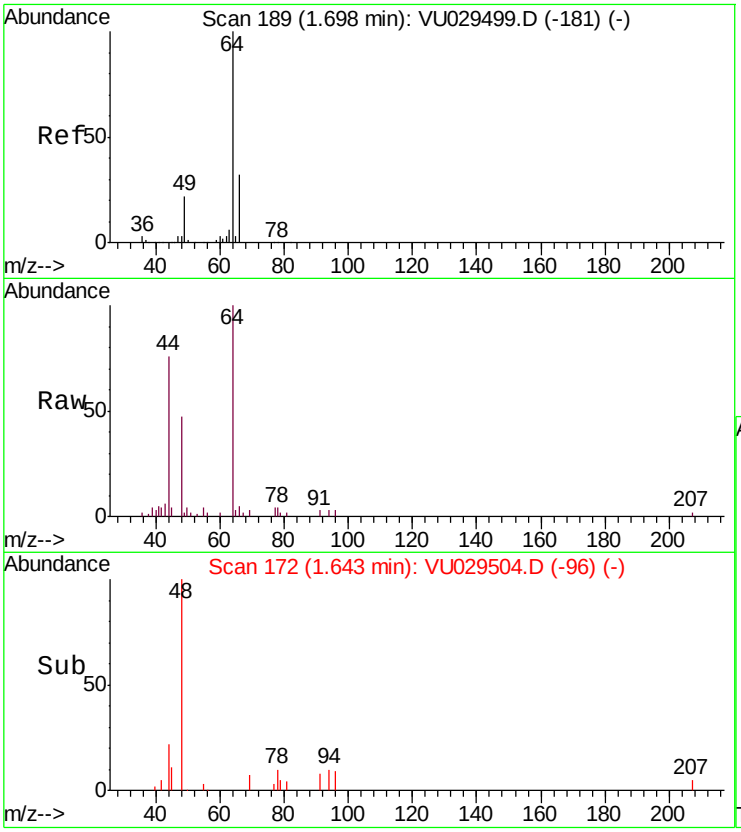


#6
Bromomethane
Concen: 0.062 ug/L
RT: 1.63 min Scan# 169
Delta R.T. 0.01 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Tgt Ion: 94 Resp: 671

Ion	Ratio	Lower	Upper
94	100		
96	90.2	65.2	121.0



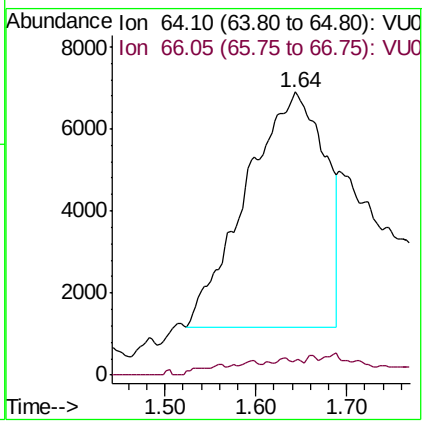


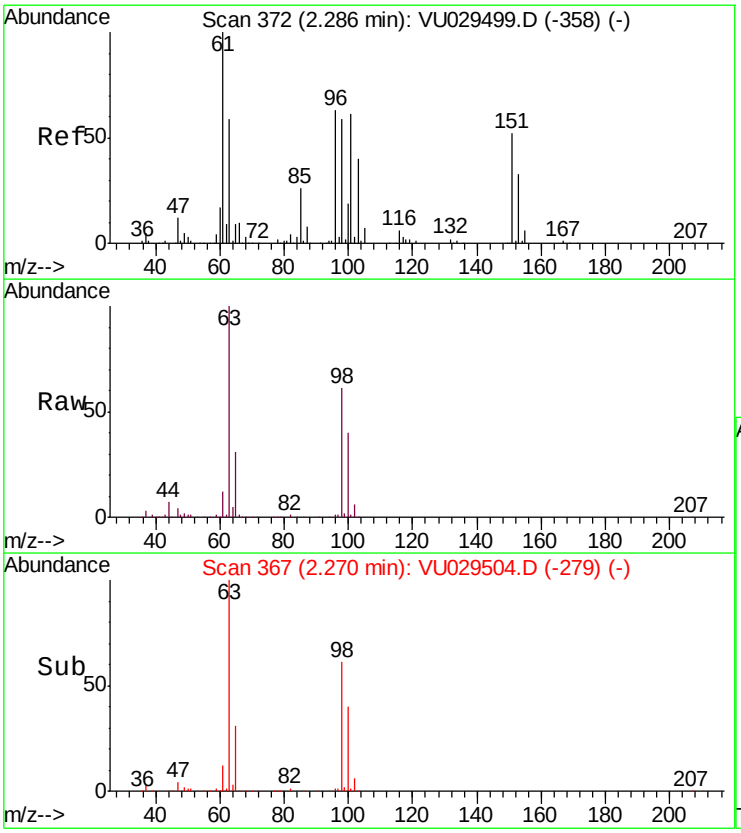
#8
Chloroethane
Concen: 2.833 ug/L
RT: 1.64 min Scan# 172
Delta R.T. -0.05 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Instrument :
MSVOA_U
ClientSampleId :
ESXD6DL

Tgt Ion: 64 Resp: 34207

Ion	Ratio	Lower	Upper
64	100		
66	5.2	22.0	40.8#

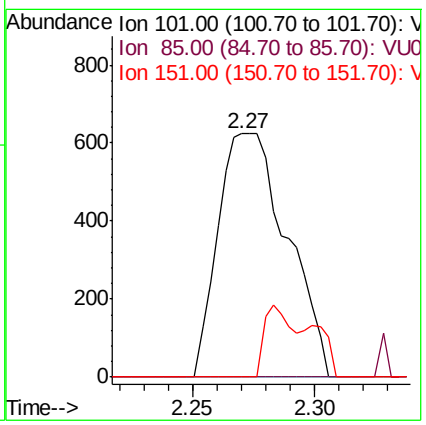


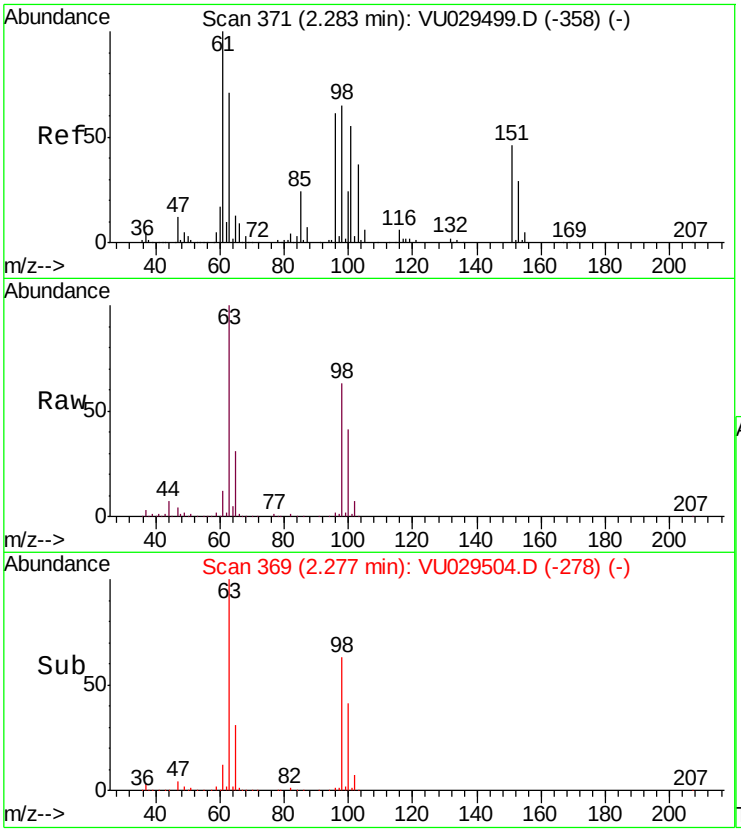


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Tgt Ion:101 Resp: 1228

Ion	Ratio	Lower	Upper
101	100		
85	1.8	35.1	52.7#
151	11.7	67.0	100.6#



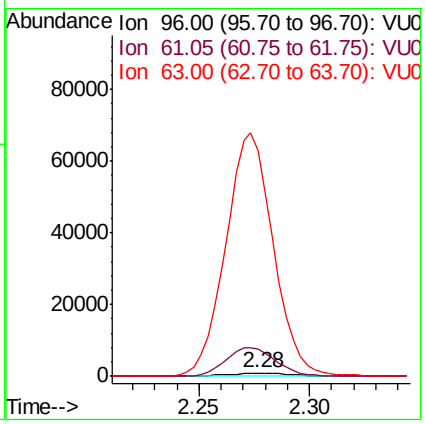


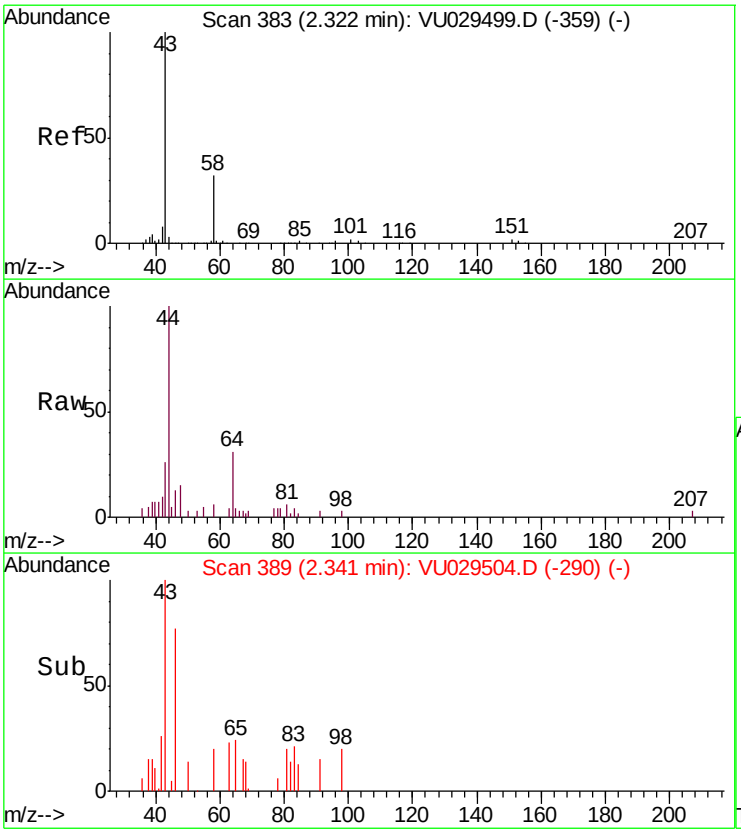
#12
1,1-Dichloroethene
Concen: 0.106 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Instrument :
MSVOA_U
ClientSampleId :
ESXD6DL

Tgt Ion: 96 Resp: 1687

Ion	Ratio	Lower	Upper
96	100		
61	786.8	115.1	213.7#
63	6577.8	83.5	155.1#

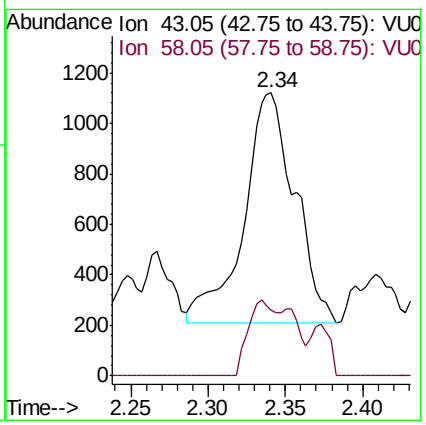


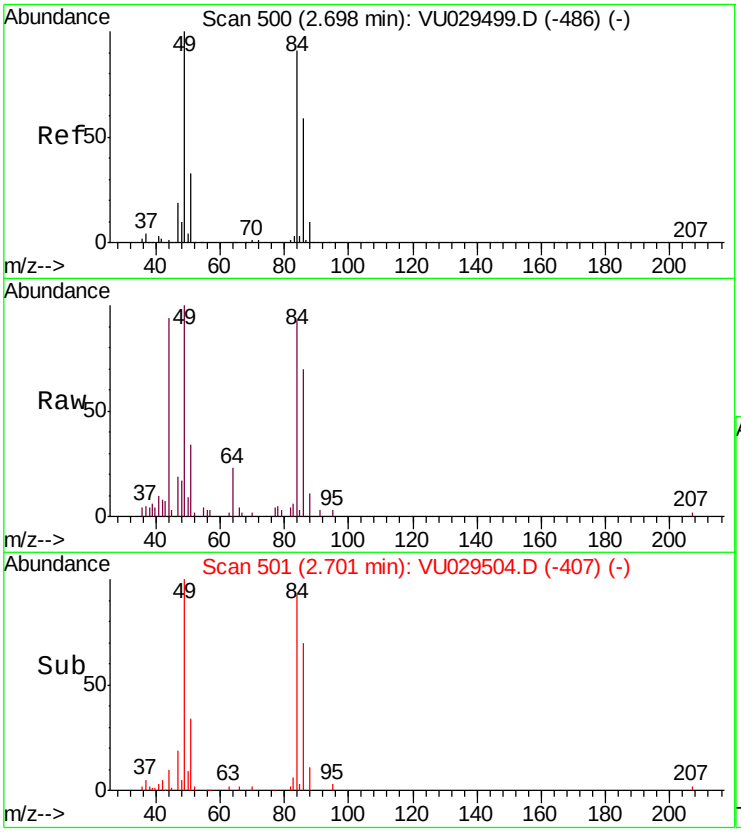


#13
Acetone
Concen: 0.866 ug/L
RT: 2.34 min Scan# 389
Delta R.T. 0.02 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Tgt Ion: 43 Resp: 2115

Ion	Ratio	Lower	Upper
43	100		
58	17.1	0.0	65.0



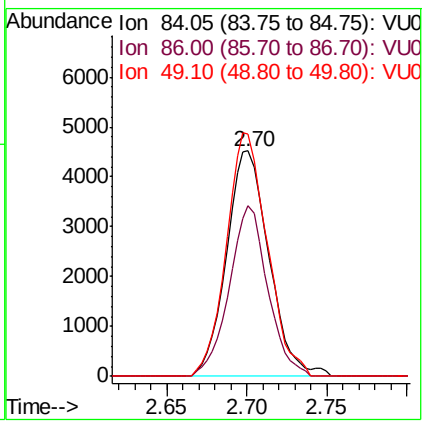


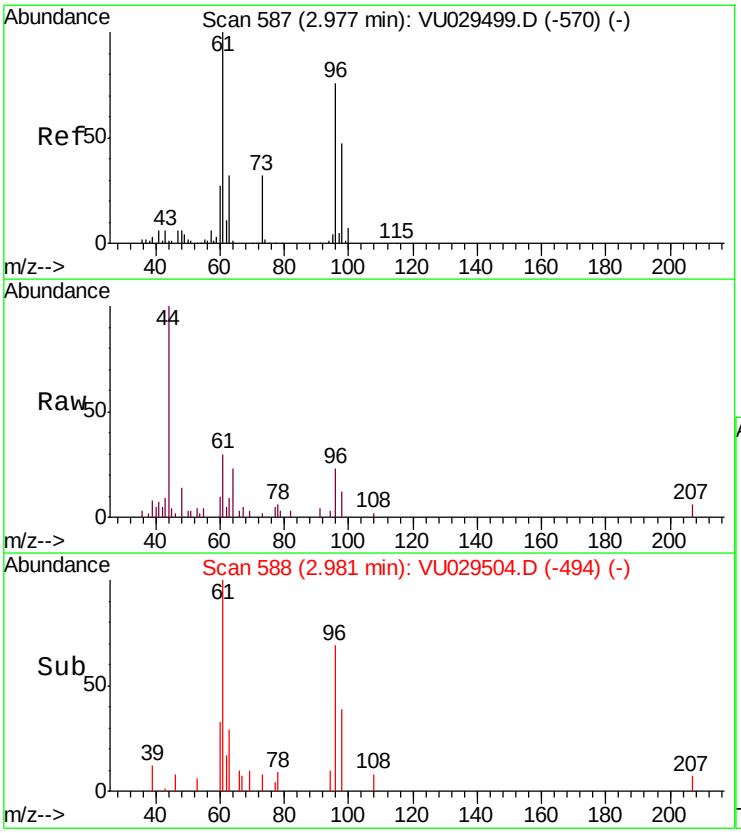
#16
Methylene chloride
Concen: 0.459 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Instrument :
MSVOA_U
ClientSampleId :
ESXD6DL

Tgt Ion: 84 Resp: 8178

Ion	Ratio	Lower	Upper
84	100		
86	75.8	45.1	83.9
49	107.6	81.8	151.8

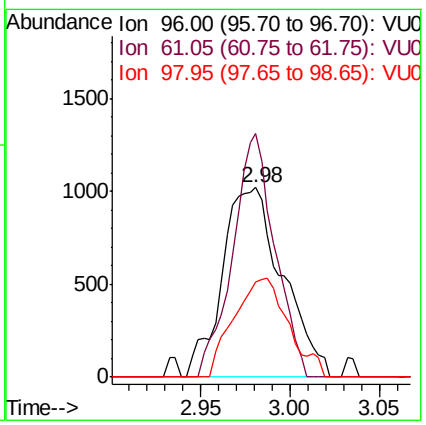


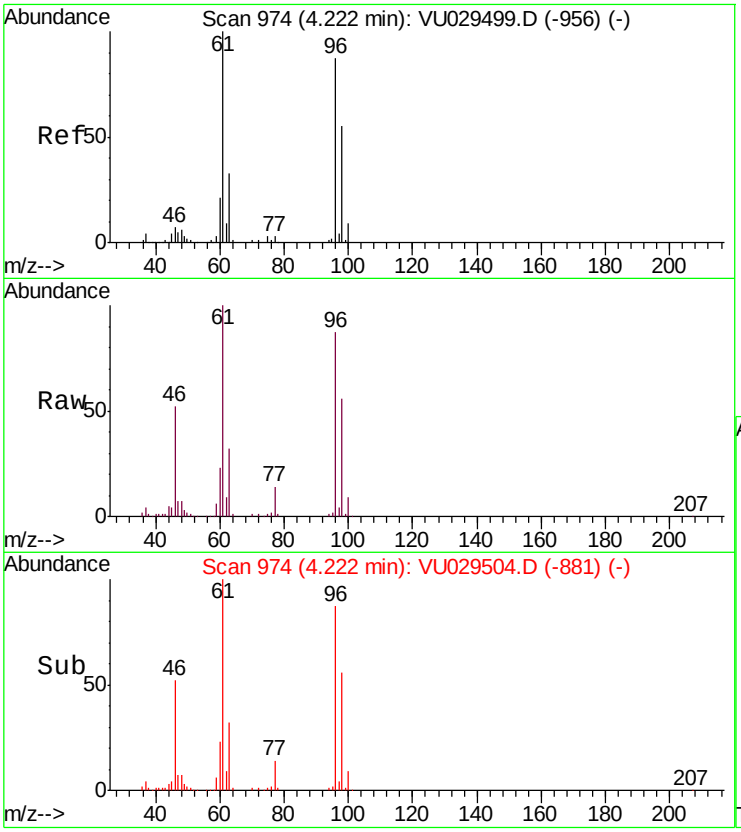


#18
trans-1,2-Dichloroethene
Concen: 0.143 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Tgt Ion: 96 Resp: 2408

Ion	Ratio	Lower	Upper
96	100		
61	128.6	95.4	177.2
98	50.5	45.8	85.2



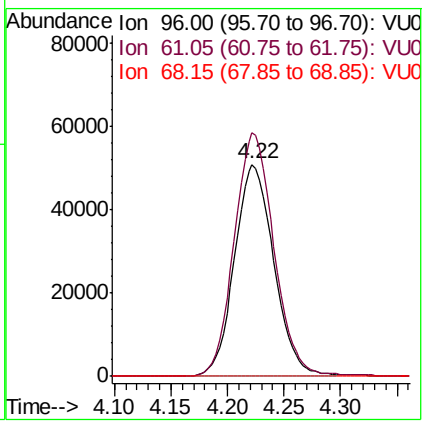


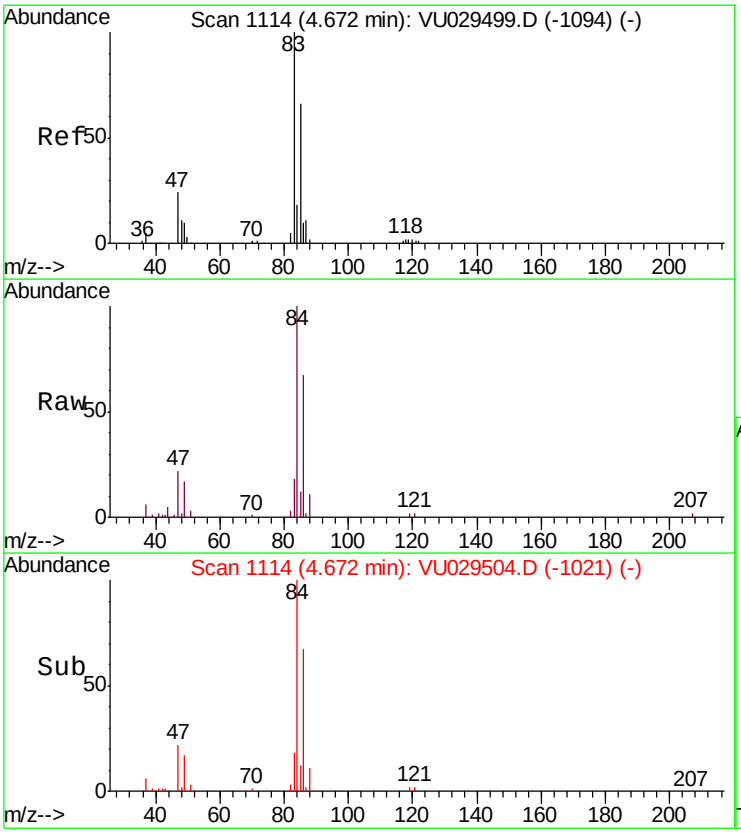
#22
cis-1,2-Dichloroethene
Concen: 7.966 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Instrument :
MSVOA_U
ClientSampleId :
ESXD6DL

Tgt Ion: 96 Resp: 123792

Ion	Ratio	Lower	Upper
96	100		
61	114.8	79.9	148.5
68	0.0	0.0	0.0

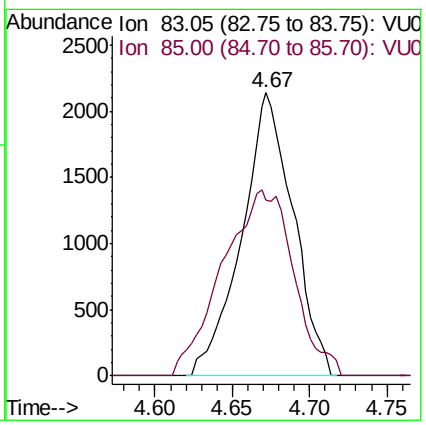


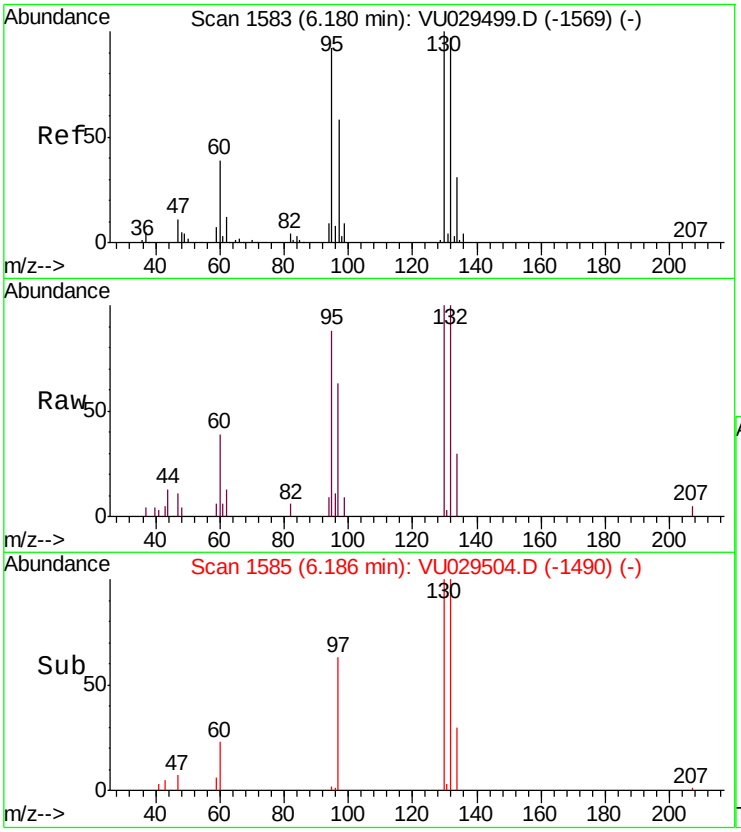


#25
Chloroform
Concen: 0.194 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Tgt Ion: 83 Resp: 4951

Ion	Ratio	Lower	Upper
83	100		
85	62.3	47.8	88.8



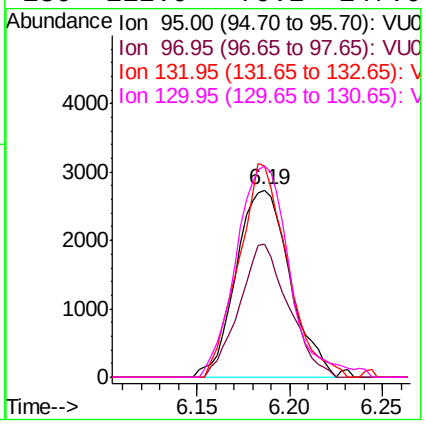


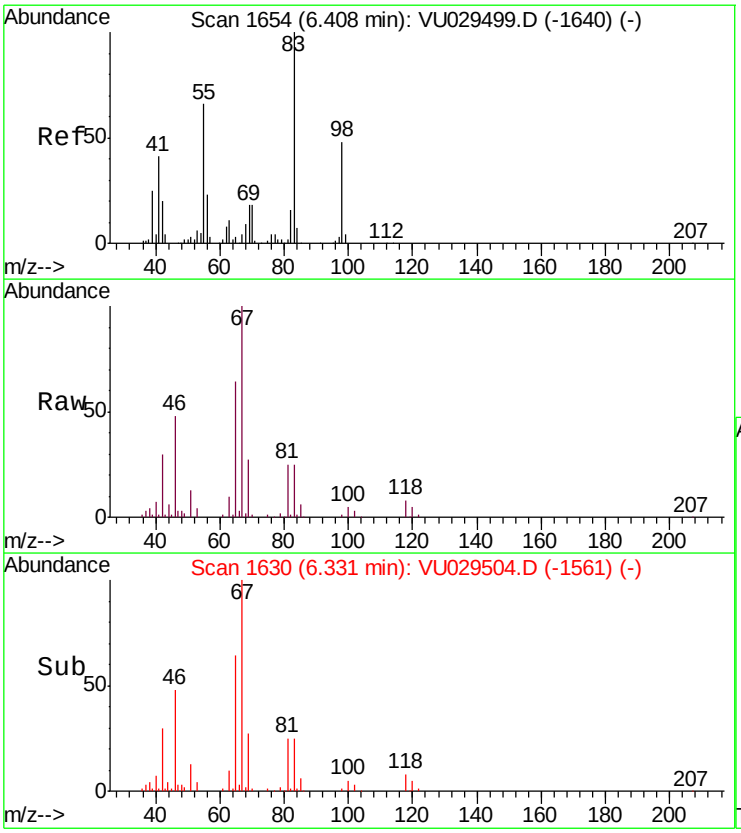
#34
Trichloroethene
Concen: 0.356 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Instrument : MSVOA_U
ClientSampleId : ESXD6DL

Tgt Ion: 95 Resp: 5510

Ion	Ratio	Lower	Upper
95	100		
97	70.9	46.3	86.1
132	113.1	72.9	135.3
130	112.9	79.2	147.0

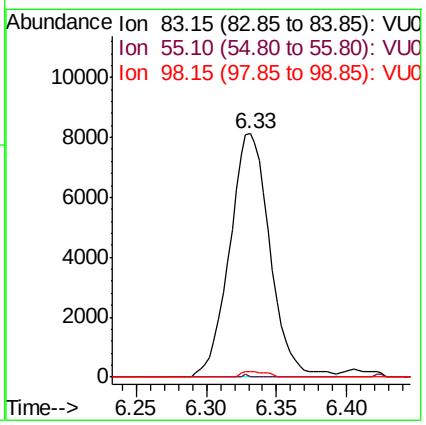


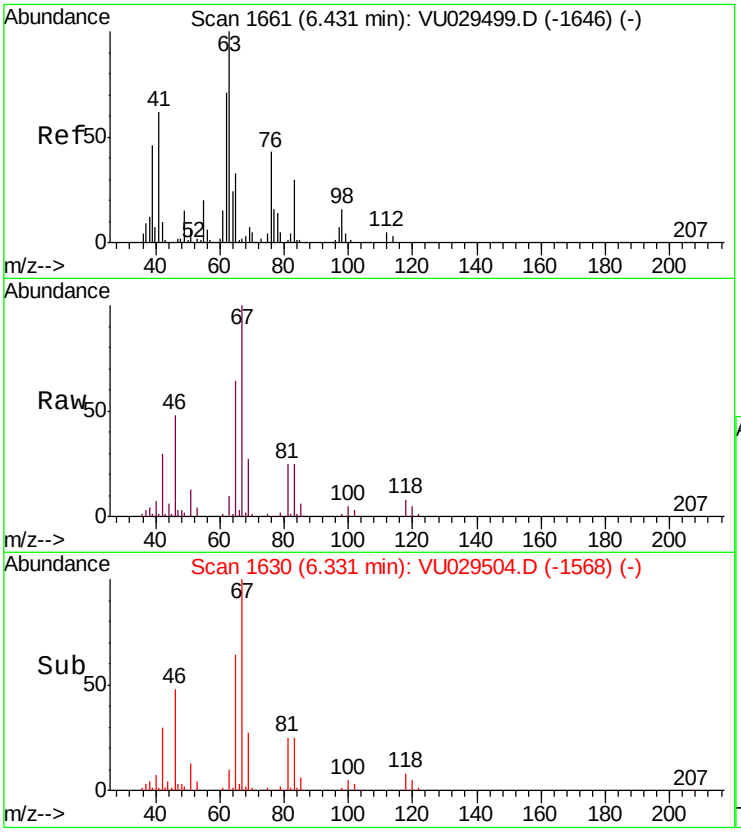


#35
Methylcyclohexane
Concen: 0.623 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Tgt Ion: 83 Resp: 16241

Ion	Ratio	Lower	Upper
83	100		
55	0.1	55.9	83.9#
98	1.5	38.6	57.8#



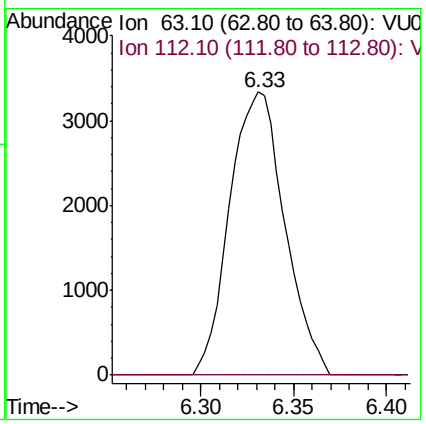


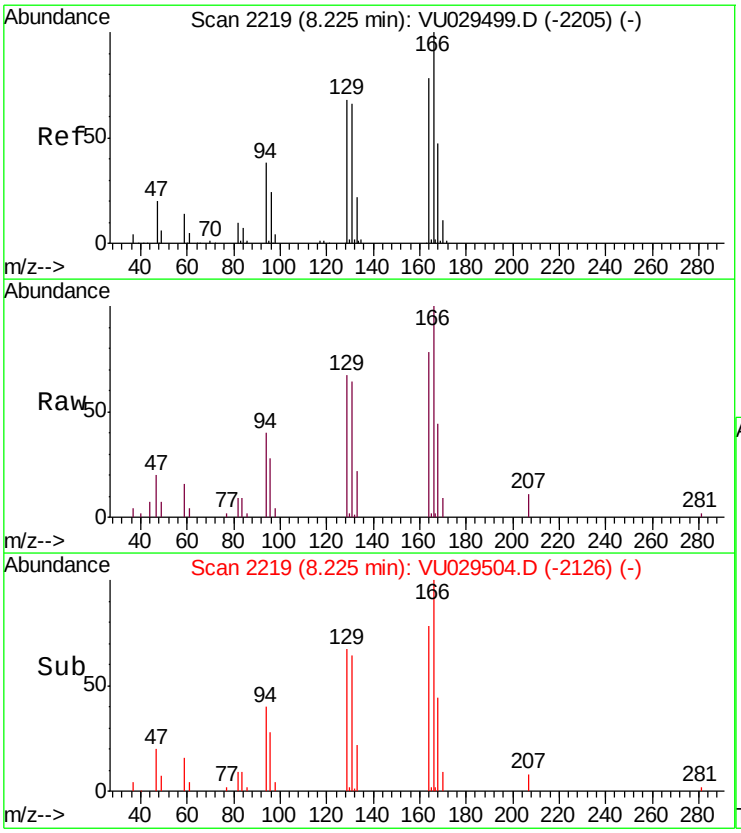
#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Instrument : MSVOA_U
ClientSampleId : ESXD6DL

Tgt Ion: 63 Resp: 6879

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

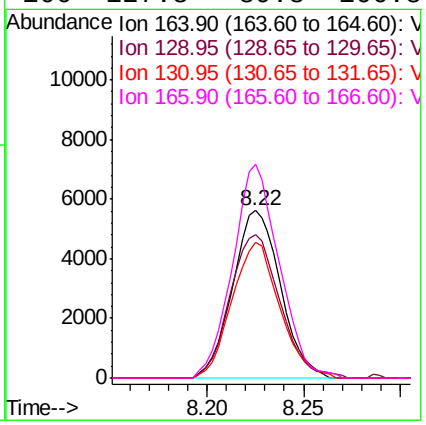


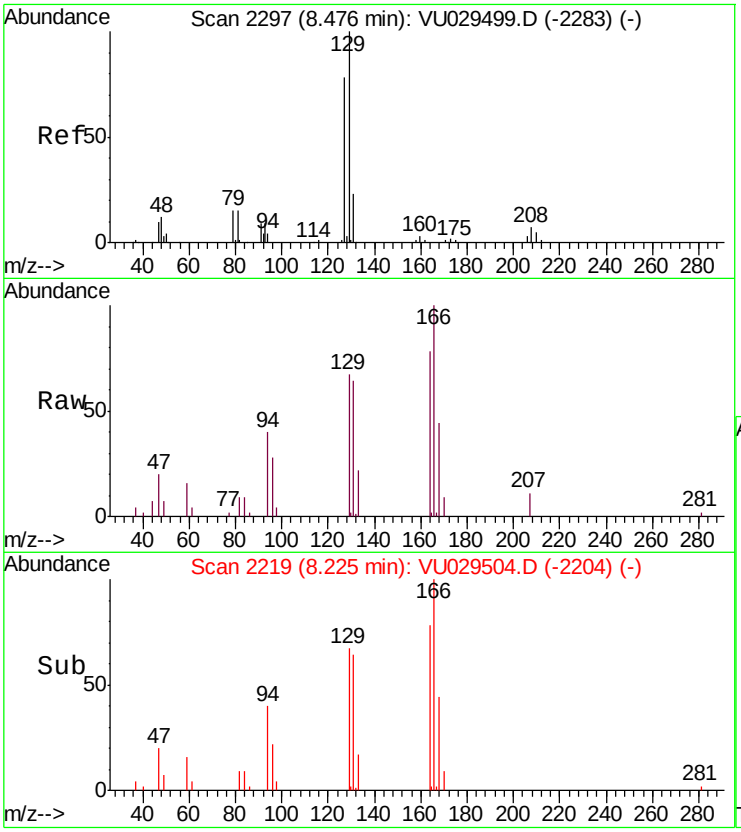


#47
Tetrachloroethene
Concen: 0.681 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Tgt Ion:164 Resp: 9659

Ion	Ratio	Lower	Upper
164	100		
129	85.8	62.9	116.9
131	81.4	62.1	115.3
166	127.8	89.8	166.8



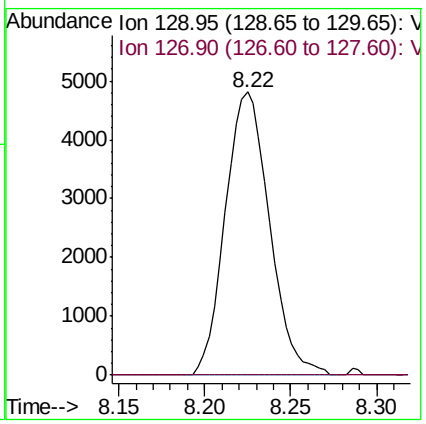


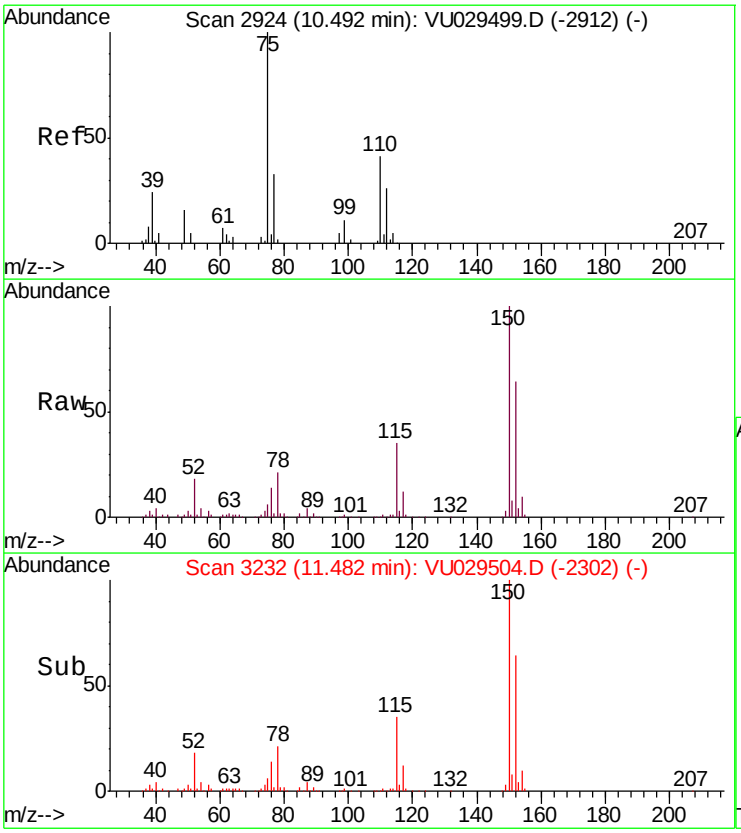
#49
Dibromochloromethane
Concen: 0.603 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Instrument : MSVOA_U
ClientSampleId : ESXD6DL

Tgt Ion:129 Resp: 8598

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	99.1#





#59
1,2,3-Trichloropropane
Concen: 1.120 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029504.D
Acq: 15 Feb 2019 18:31

Tgt Ion: 75 Resp: 9912

Ion	Ratio	Lower	Upper
75	100		
77	36.5	28.2	42.2