Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\

Quantitation Report (Not Reviewed)

Data File : VU032243.D
Acq On : 22 May 2019 23:46
Operator : JC/SP
Sample : K2888-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BP5

Quant Time: May 23 01:54:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	367665	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	377352	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148227	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	114539	5.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 111.00%			
7) Chloroethane-d5	1.67	69	102222	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%			
11) 1,1-Dichloroethene-d2	2.27	63	171448	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.20%			
20) 2-Butanone-d5	4.19	46	242684	41.67	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.34%			
24) Chloroform-d	4.64	84	216847	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
26) 1,2-Dichloroethane-d4	5.31	65	108644	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.80%			
32) Benzene-d6	5.33	84	449422	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.32	67	131906	3.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.80%			
41) Toluene-d8	7.56	98	386434	3.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.20%			
43) trans-1,3-Dichloropropene-	7.85	79	43962	3.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 65.80%			
46) 2-Hexanone-d5	8.31	63	196621	39.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.16%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107010	3.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 62.00%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	135361	3.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 66.20%#			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	3778	0.240	ug/L	87
13) Acetone	2.32	43	11866	6.576	ug/L	93
25) Chloroform	4.68	83	6229	0.266	ug/L	96
35) Methylcyclohexane	6.32	83	31602	1.566	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	13658	1.111	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2544	0.145	ug/L #	62
44) trans-1,3-Dichloropropene	7.86	75	1601	0.116	ug/L	94
47) Tetrachloroethene	8.22	164	171408	15.157	ug/L	95
48) 2-Hexanone	8.36	43	8584	1.802	ug/L #	45
49) Dibromochloromethane	8.22	129	155512	14.396	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	15250	1.905	ug/L	100

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

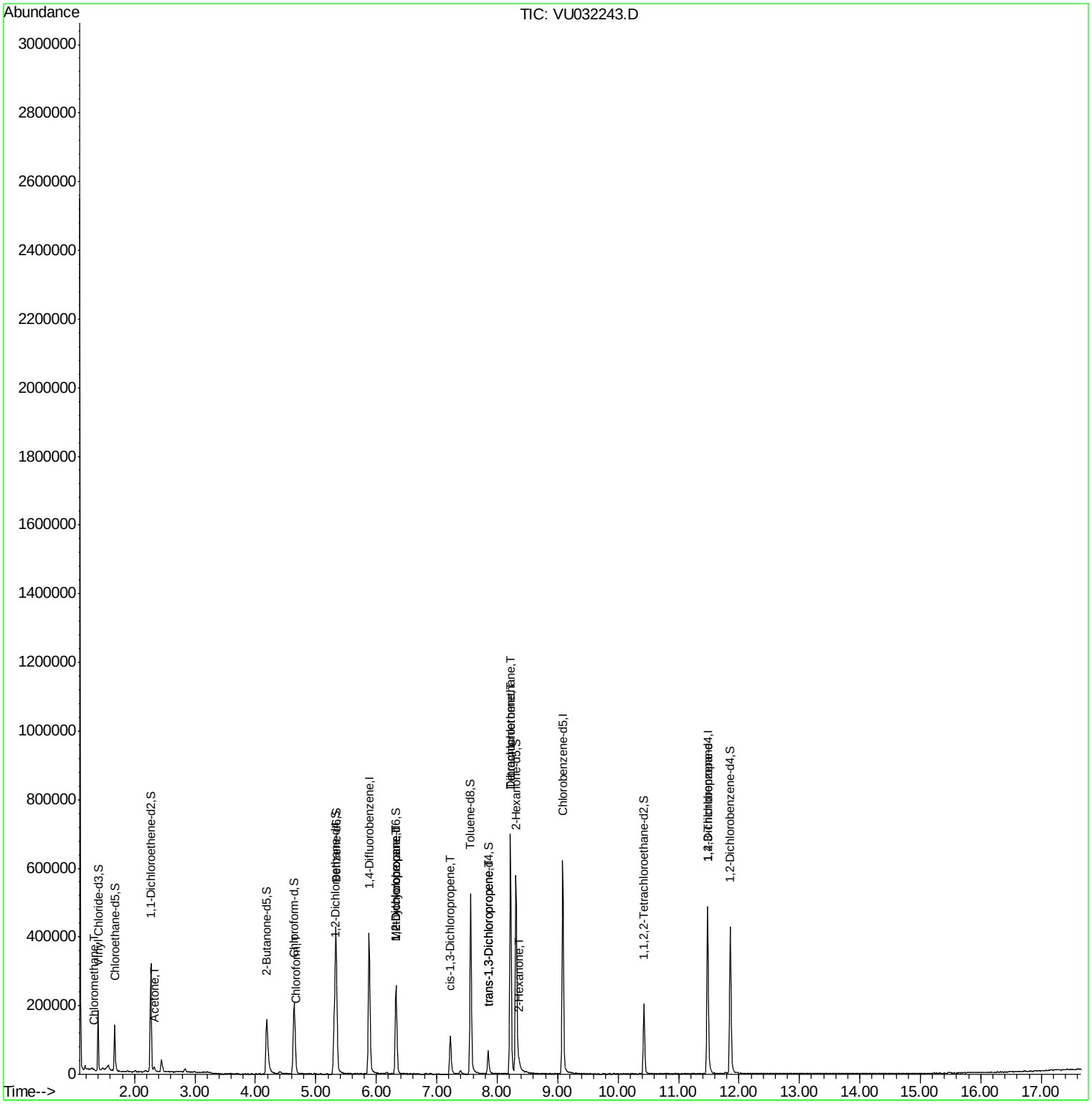
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\

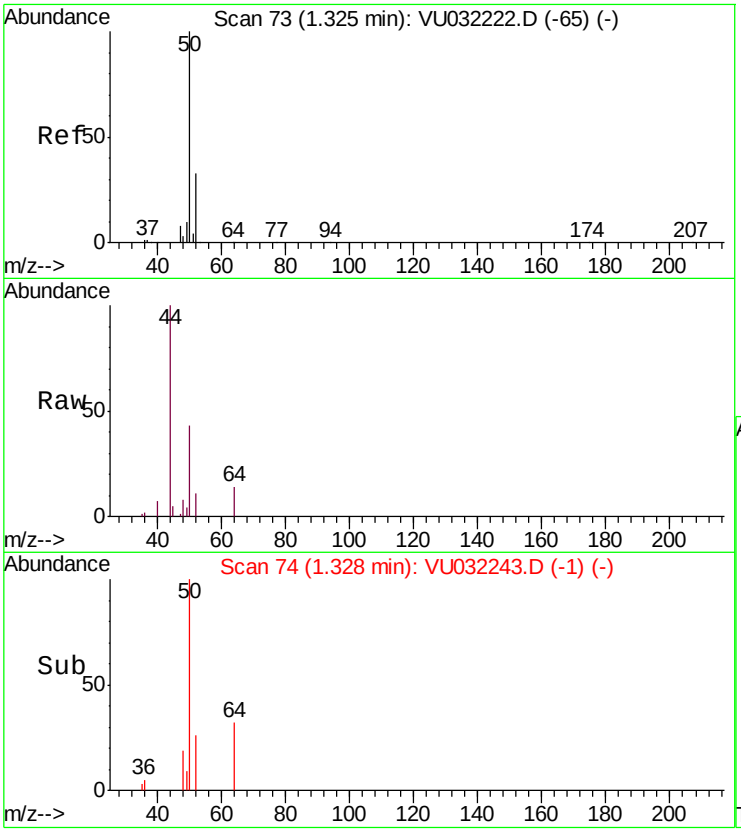
Quantitation Report (Not Reviewed)

Data File : VU032243.D
Acq On : 22 May 2019 23:46
Operator : JC/SP
Sample : K2888-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BP5

Quant Time: May 23 01:54:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration



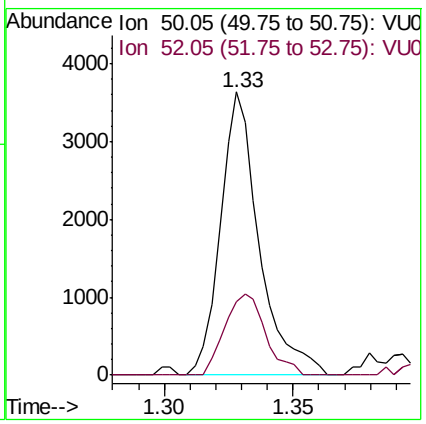


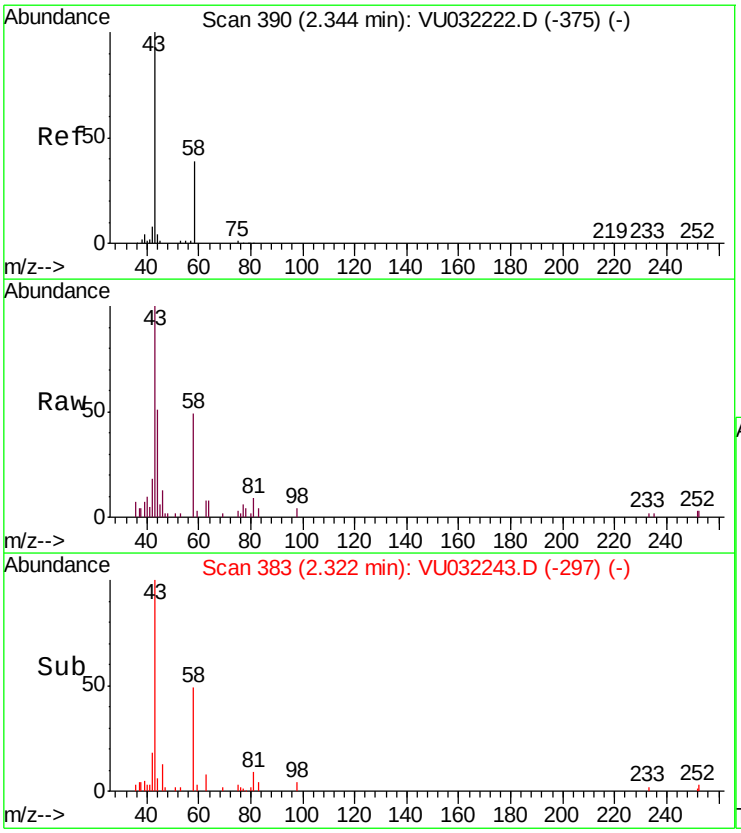
#3
Chloromethane
Concen: 0.240 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 50 Resp: 3778

Ion	Ratio	Lower	Upper
50	100		
52	25.8	23.3	43.3

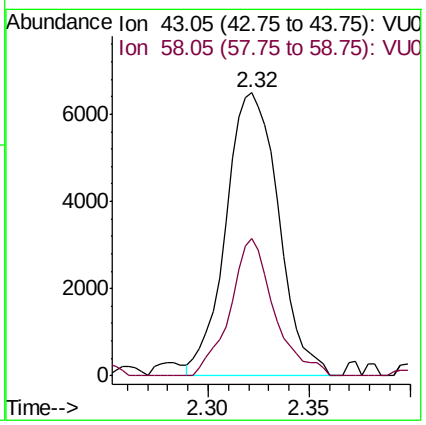


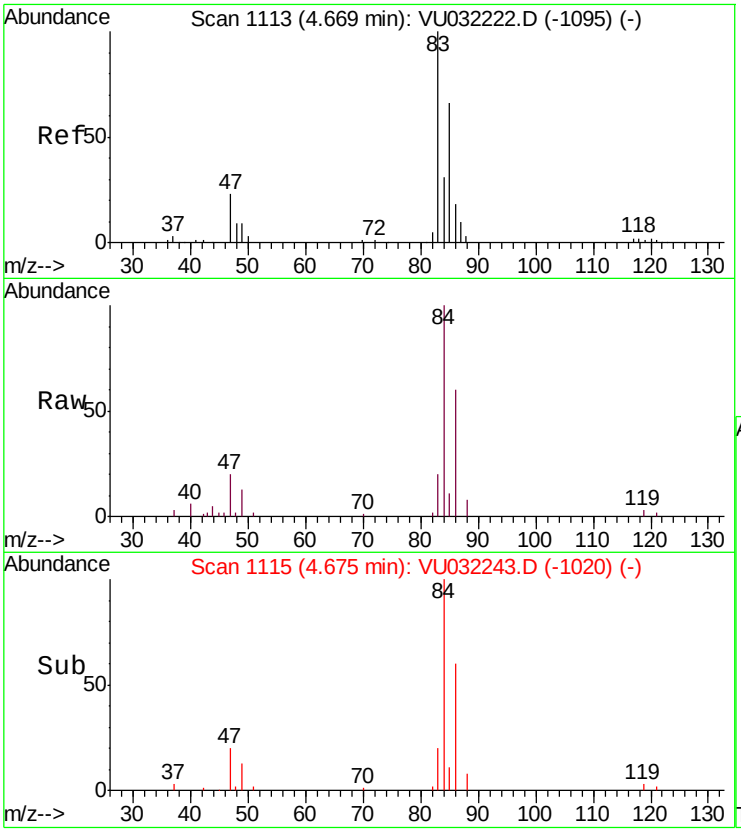


#13
Acetone
Concen: 6.576 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Tgt Ion: 43 Resp: 11866

Ion	Ratio	Lower	Upper
43	100		
58	40.5	0.0	72.6



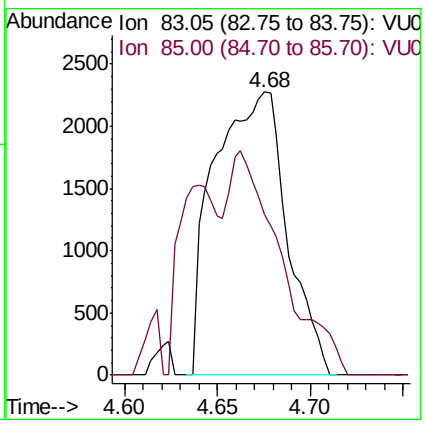


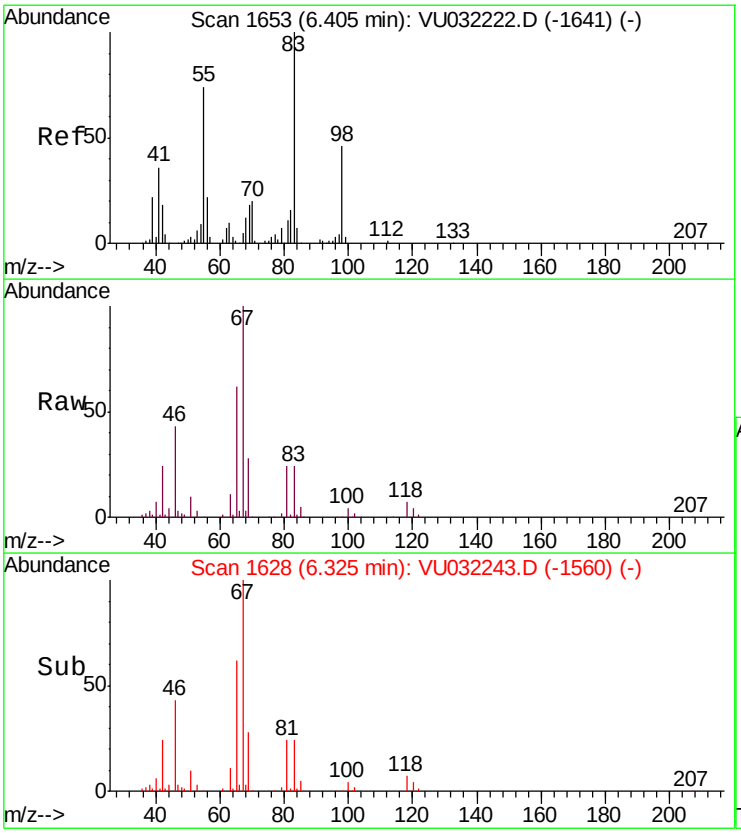
#25
Chloroform
Concen: 0.266 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 83 Resp: 6229

Ion	Ratio	Lower	Upper
83	100		
85	56.7	41.6	77.3

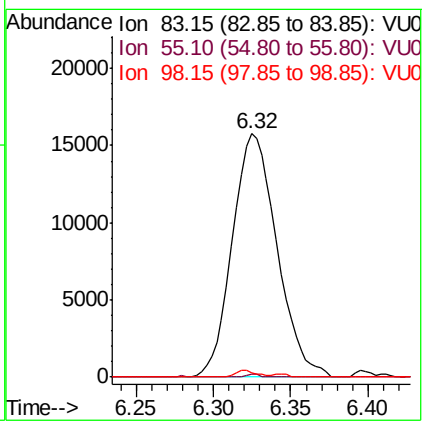


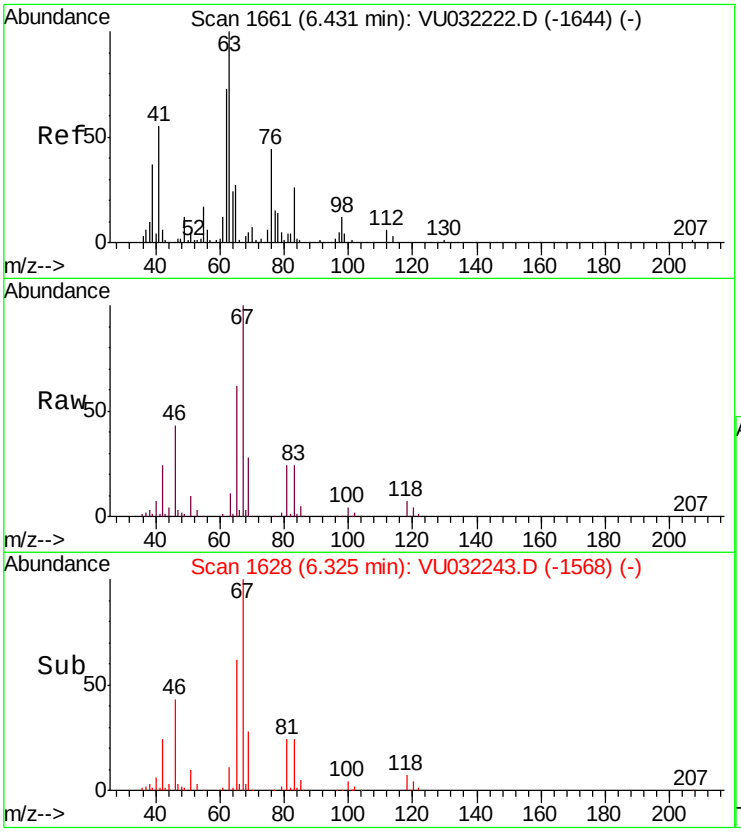


#35
Methylcyclohexane
Concen: 1.566 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Tgt Ion: 83 Resp: 31602

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	1.4	37.5	56.3#



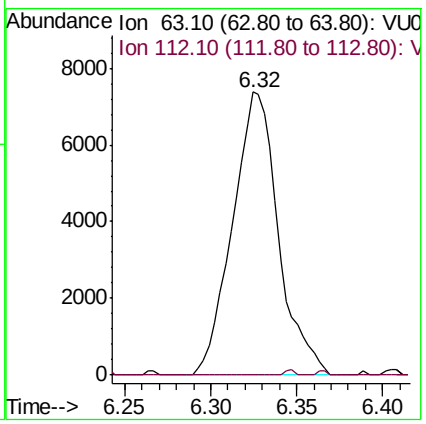


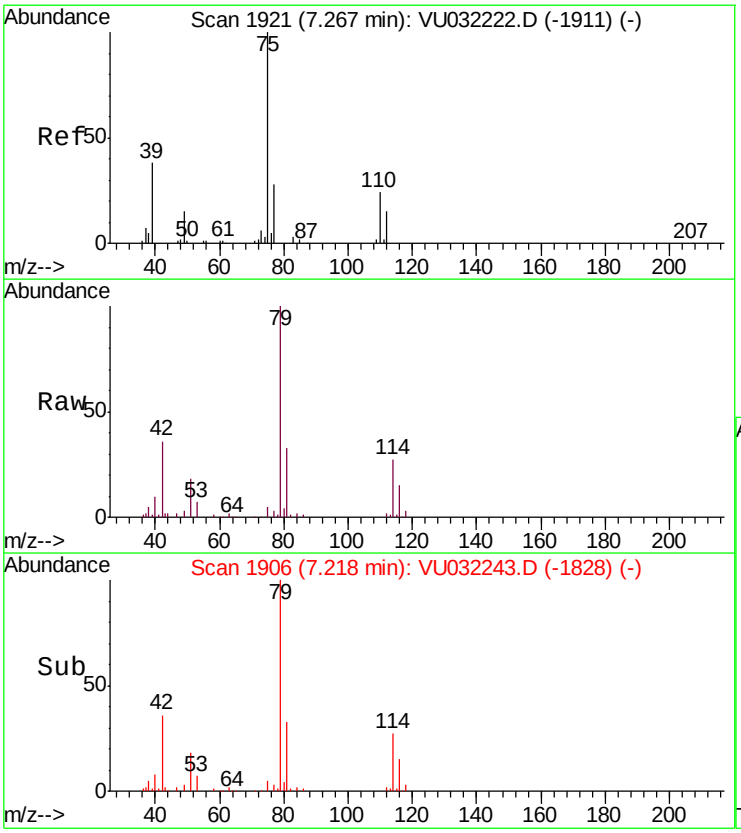
#37
1,2-Dichloropropane
Concen: 1.111 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 63 Resp: 13658

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.8#

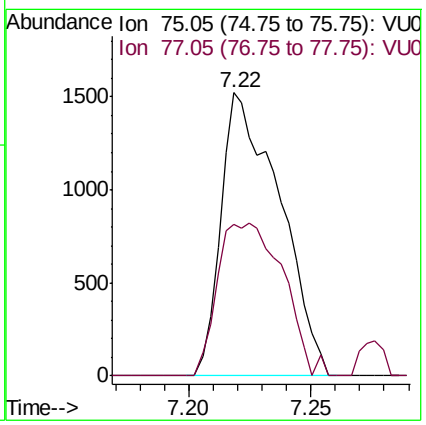


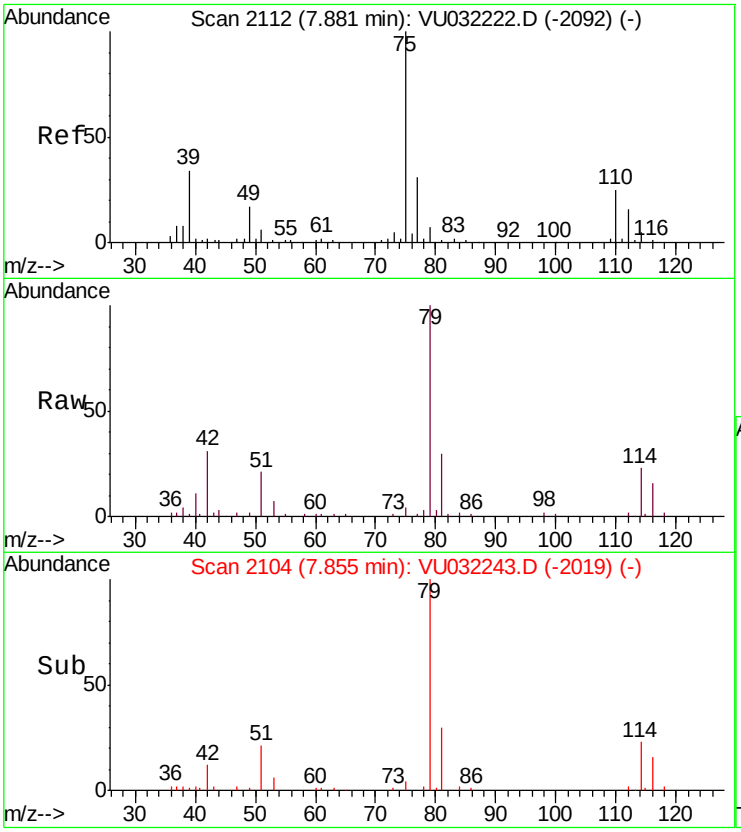


#39
cis-1,3-Dichloropropene
Concen: 0.145 ug/L
RT: 7.22 min Scan# 1906
Delta R.T. -0.05 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Tgt Ion: 75 Resp: 2544

Ion	Ratio	Lower	Upper
75	100		
77	53.5	22.6	42.0#



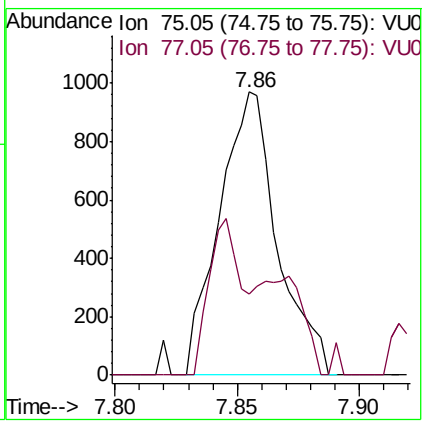


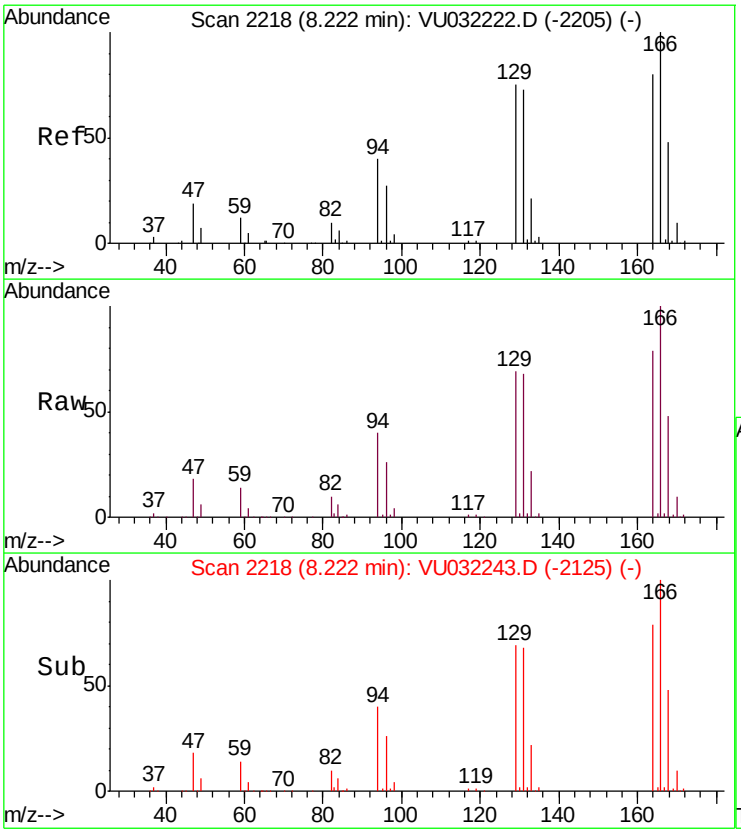
#44
trans-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.86 min Scan# 2104
Delta R.T. -0.03 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 75 Resp: 1601

Ion	Ratio	Lower	Upper
75	100		
77	28.7	22.5	41.9

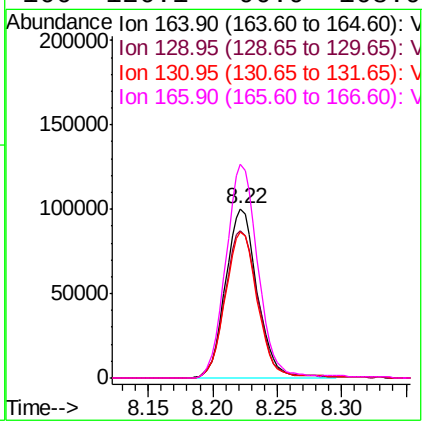


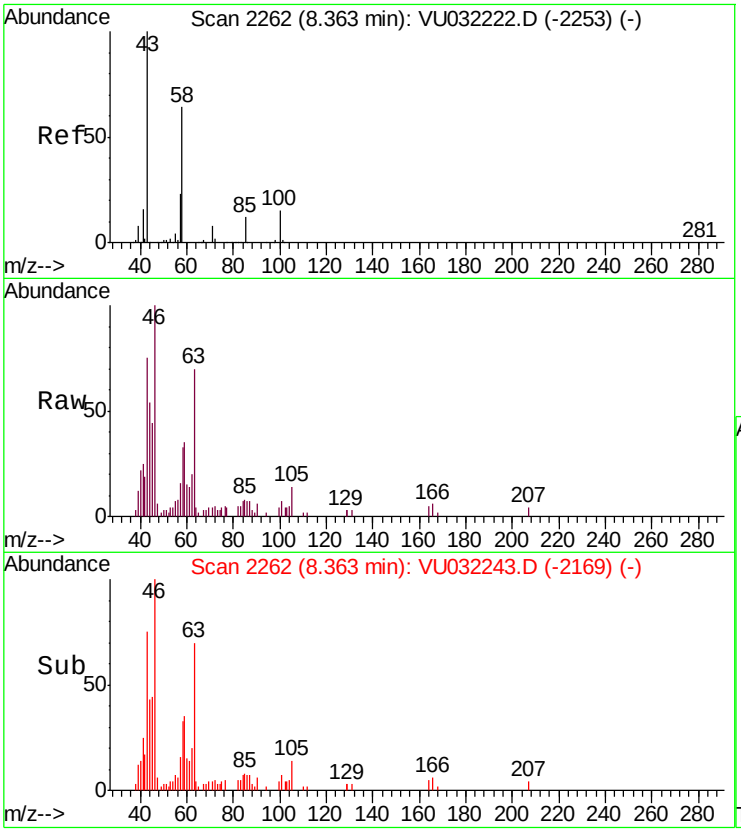


#47
Tetrachloroethene
Concen: 15.157 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Tgt Ion:164 Resp: 171408

Ion	Ratio	Lower	Upper
164	100		
129	87.2	67.1	124.7
131	86.3	62.2	115.4
166	126.1	90.9	168.9



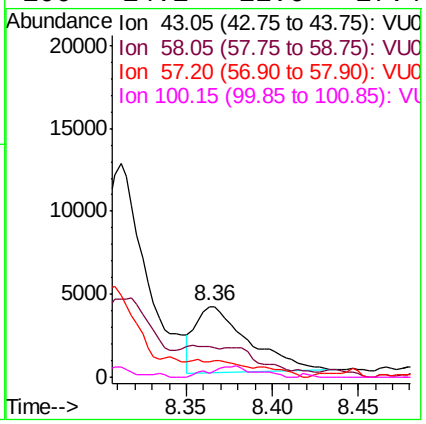


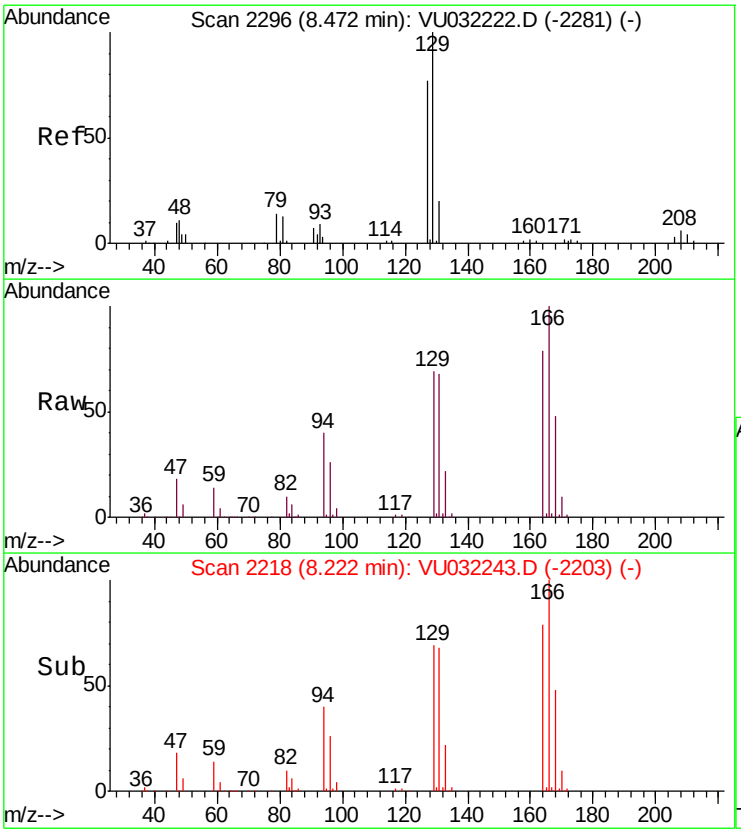
#48
2-Hexanone
Concen: 1.802 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 43 Resp: 8584

Ion	Ratio	Lower	Upper
43	100		
58	7.3	49.7	74.5#
57	0.0	17.1	25.7#
100	14.1	11.6	17.4

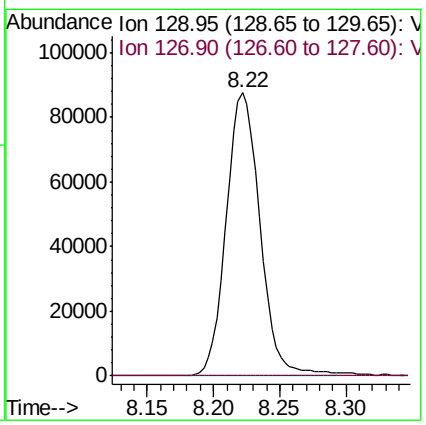


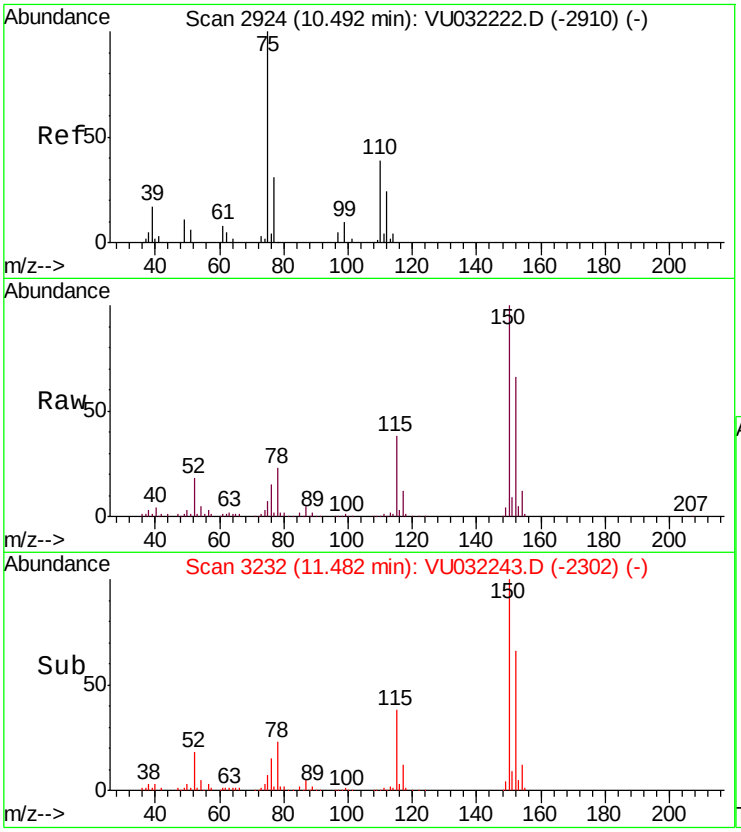


#49
Dibromochloromethane
Concen: 14.396 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Tgt Ion:129 Resp: 155512

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.7	95.9#





#59
1,2,3-Trichloropropane
Concen: 1.905 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032243.D
Acq: 22 May 2019 23:46

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Tgt Ion: 75 Resp: 15250

Ion	Ratio	Lower	Upper
75	100		
77	35.4	28.2	42.4