Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032166.D
Acq On : 20 May 2019 19:54
Operator : JC/SP
Sample : K2889-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BL9

Quant Time: May 21 08:34:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	359038	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	379283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145822	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	96136	3.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.60%			
7) Chloroethane-d5	1.67	69	92240	3.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.40%			
11) 1,1-Dichloroethene-d2	2.27	63	138834	2.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.60%#			
20) 2-Butanone-d5	4.19	46	232973	39.24	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.48%			
24) Chloroform-d	4.64	84	206912	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.80%			
26) 1,2-Dichloroethane-d4	5.31	65	107993	3.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.80%			
32) Benzene-d6	5.33	84	409278	3.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.80%			
36) 1,2-Dichloropropane-d6	6.32	67	122653	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 72.60%			
41) Toluene-d8	7.56	98	333658	3.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.40%#			
43) trans-1,3-Dichloropropene-	7.85	79	39468	3.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 64.80%			
46) 2-Hexanone-d5	8.31	63	202203	36.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108947	3.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 78.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	131607	4.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.20%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	3599	0.209	ug/L	97
13) Acetone	2.32	43	8797	4.513	ug/L	97
25) Chloroform	4.67	83	4711	0.180	ug/L	91
35) Methylcyclohexane	6.32	83	30629	1.346	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	12654	0.889	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3018	0.153	ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	1634	0.107	ug/L	93
45) 1,1,2-Trichloroethane	8.22	97	1617	0.154	ug/L #	1
47) Tetrachloroethene	8.22	164	216706	18.350	ug/L	93
48) 2-Hexanone	8.37	43	7806	1.525	ug/L #	84
49) Dibromochloromethane	8.22	129	198046	16.337	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	14695	1.625	ug/L	91

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

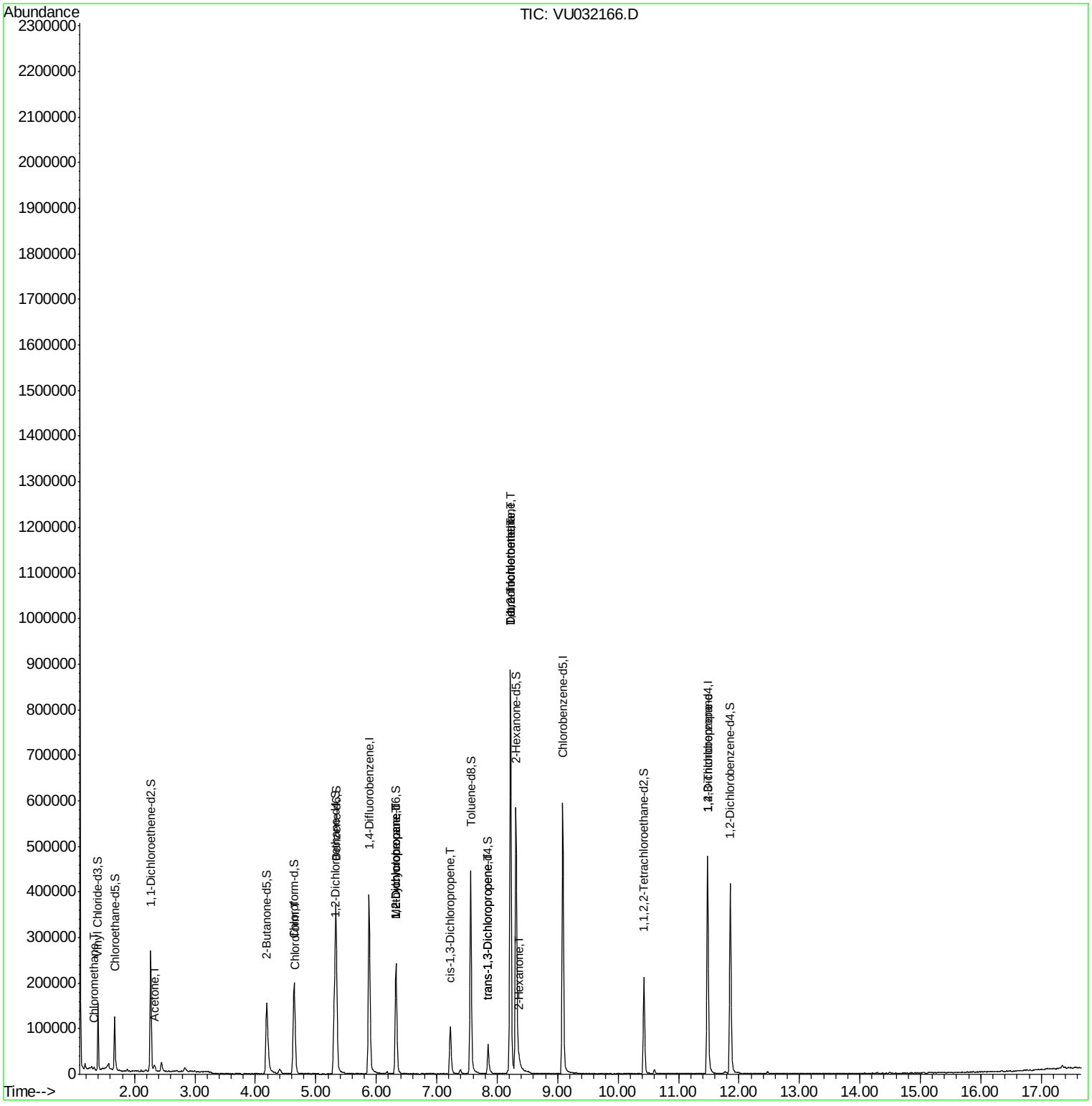
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

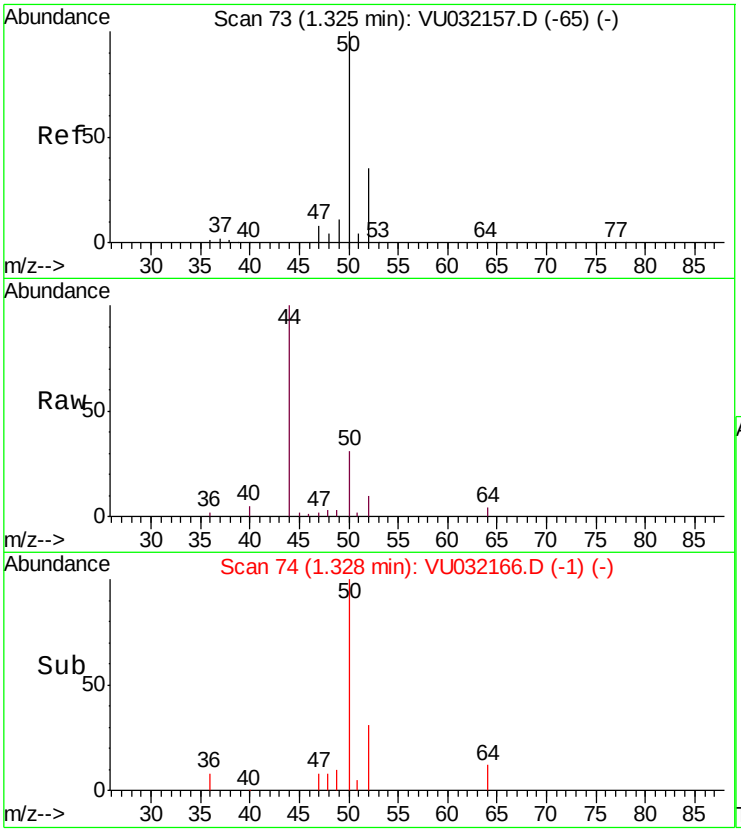
Quantitation Report (Not Reviewed)

Data File : VU032166.D
Acq On : 20 May 2019 19:54
Operator : JC/SP
Sample : K2889-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BL9

Quant Time: May 21 08:34:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration



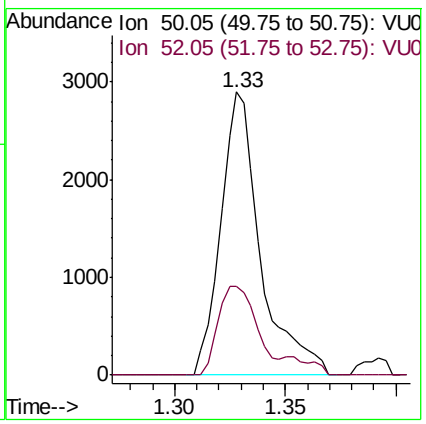


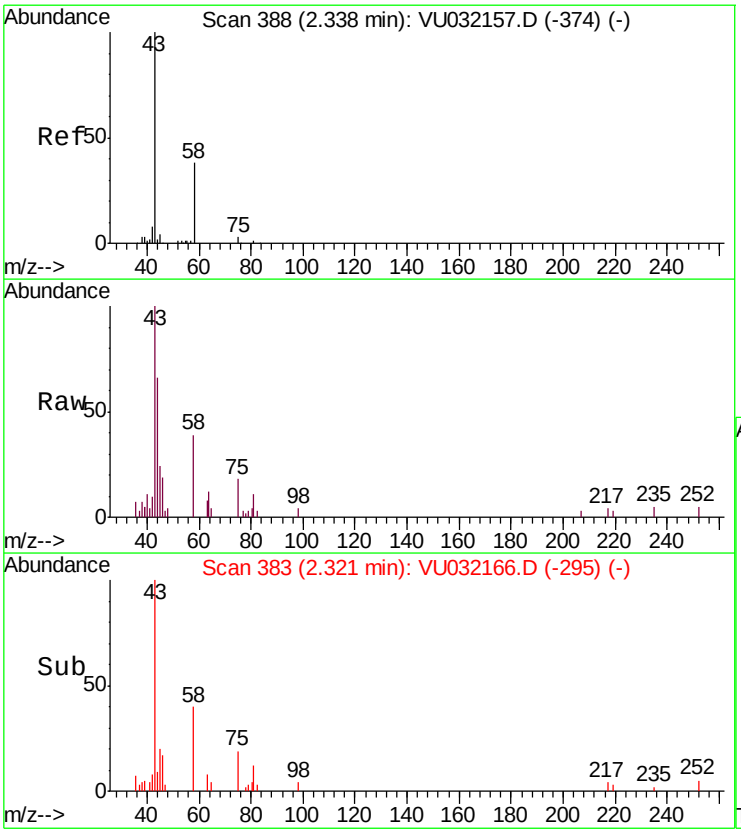
#3
Chloromethane
Concen: 0.209 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Instrument :
MSVOA_U
ClientSampleId :
C0BL9

Tgt Ion: 50 Resp: 3599

Ion	Ratio	Lower	Upper
50	100		
52	31.3	23.2	43.0

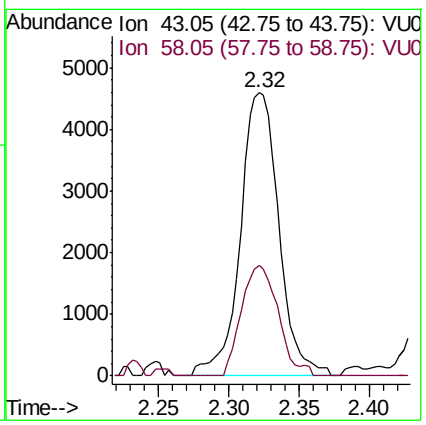


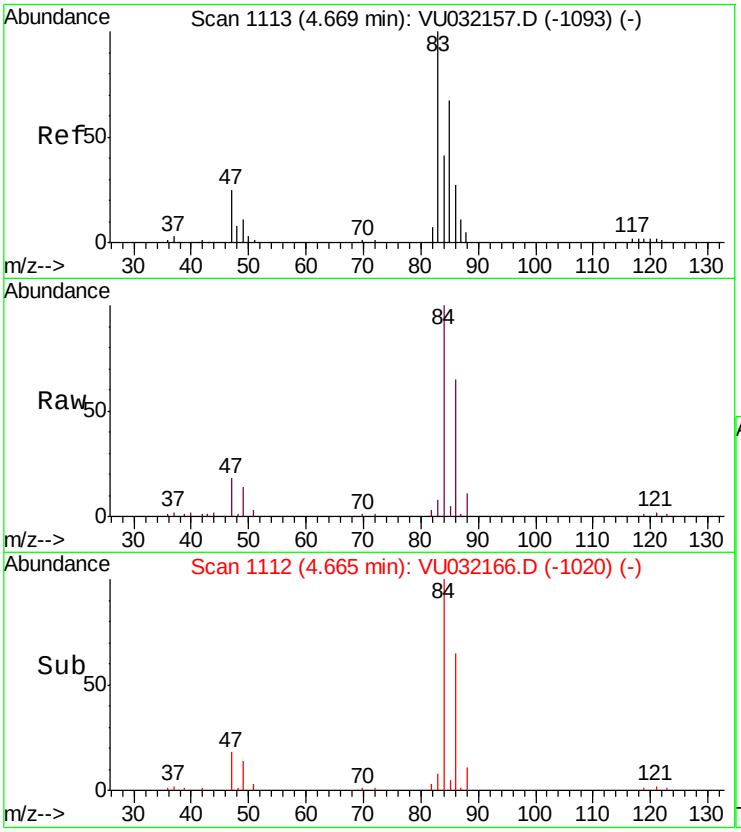


#13
Acetone
Concen: 4.513 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Tgt Ion: 43 Resp: 8797

Ion	Ratio	Lower	Upper
43	100		
58	37.3	0.0	78.8



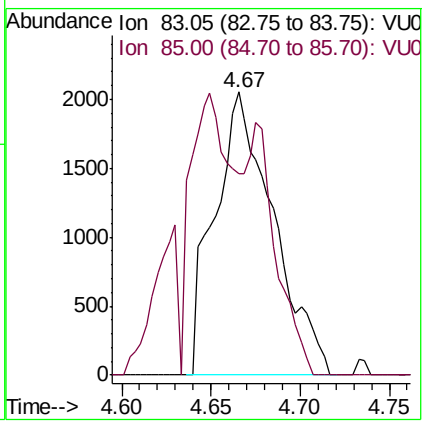


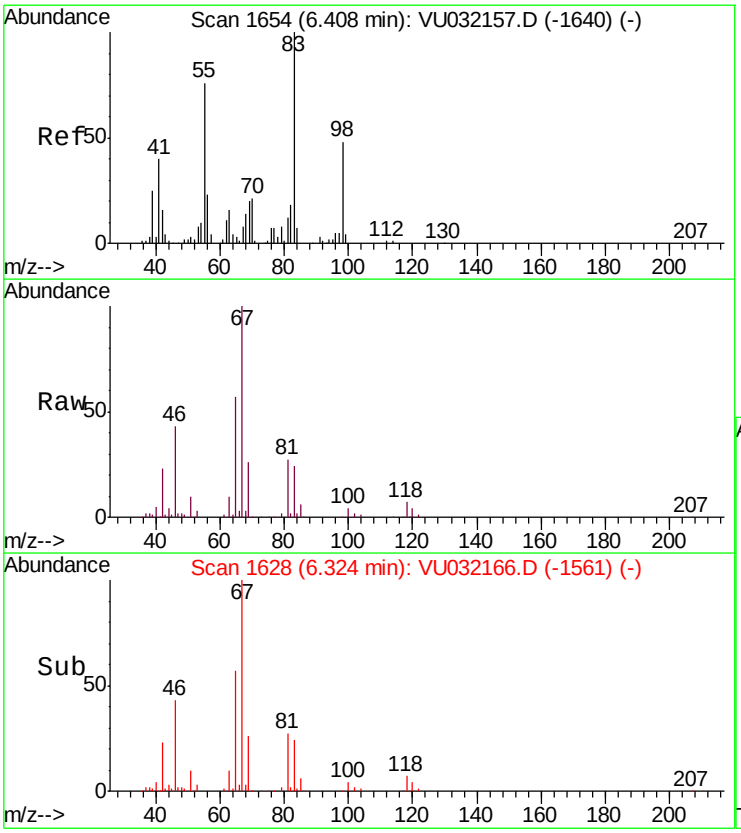
#25
Chloroform
Concen: 0.180 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Instrument :
MSVOA_U
ClientSampleId :
C0BL9

Tgt Ion: 83 Resp: 4711

Ion	Ratio	Lower	Upper
83	100		
85	71.0	44.9	83.3

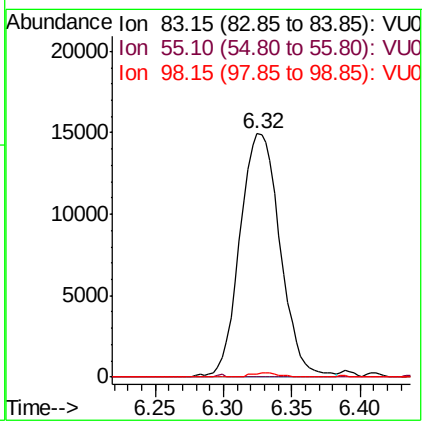


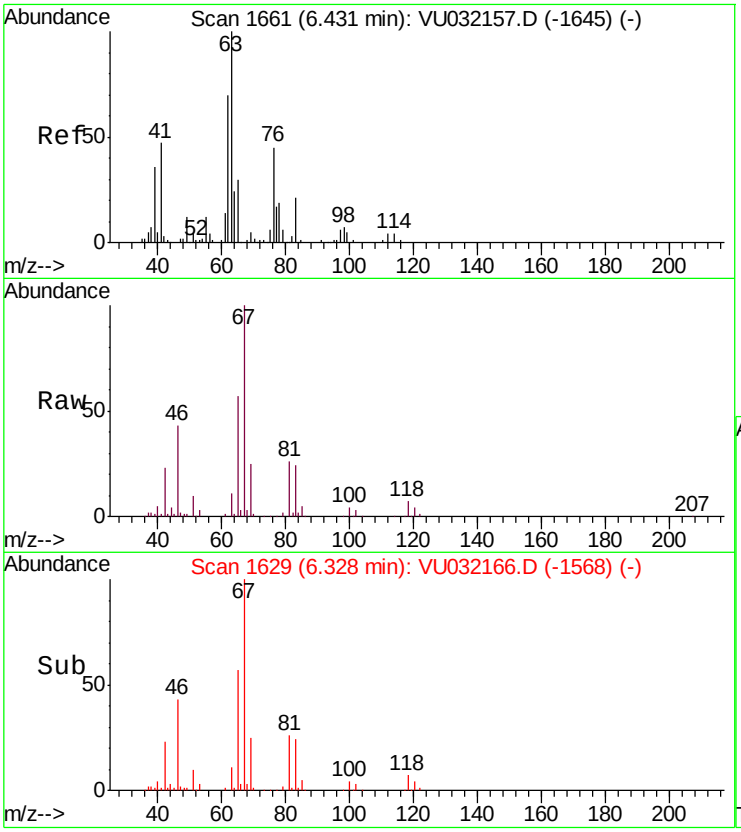


#35
Methylcyclohexane
Concen: 1.346 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Tgt Ion: 83 Resp: 30629

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.7	89.5#
98	1.1	36.8	55.2#



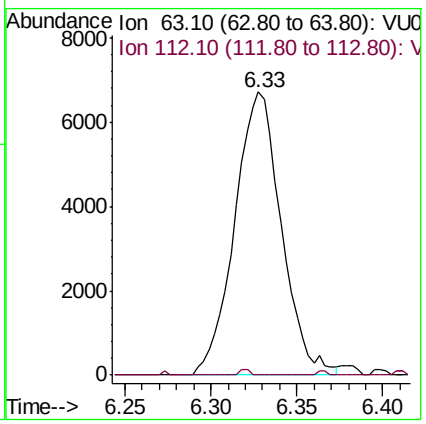


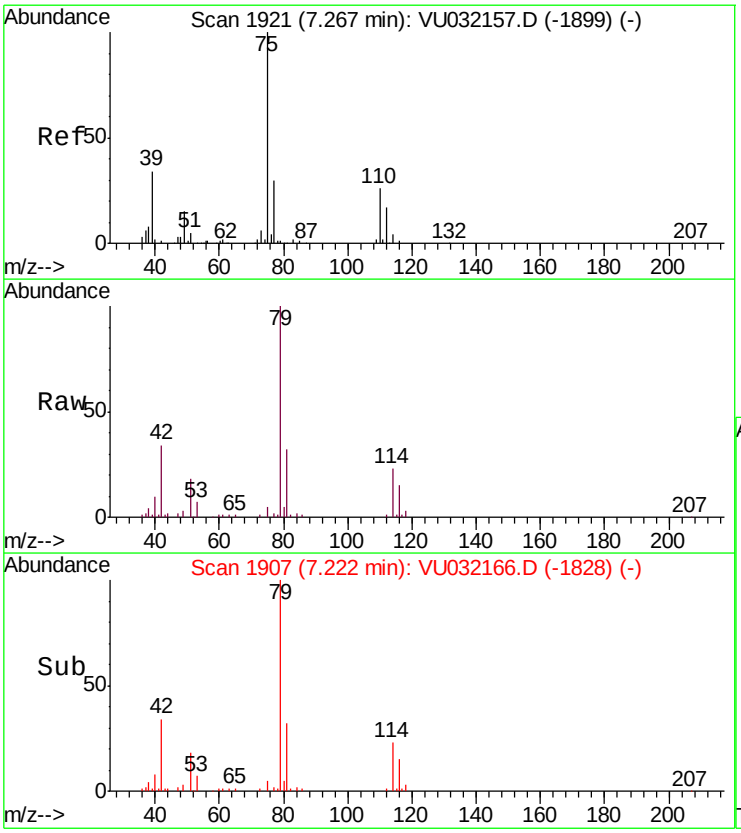
#37
1,2-Dichloropropane
Concen: 0.889 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Instrument : MSVOA_U
ClientSampleId : C0BL9

Tgt Ion: 63 Resp: 12654

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.6#

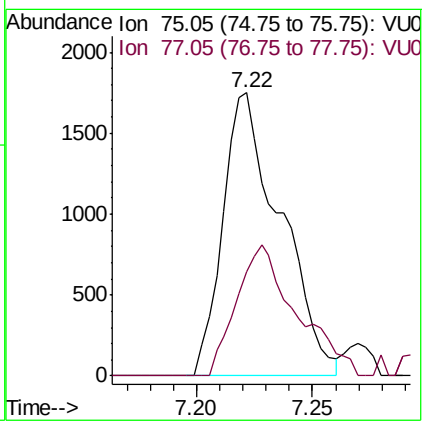


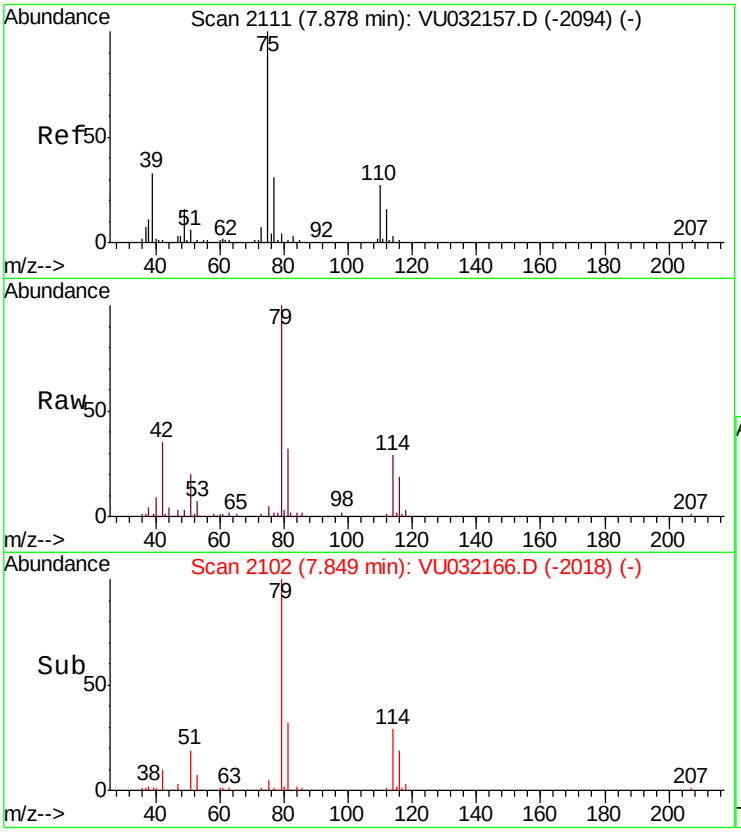


#39
cis-1,3-Dichloropropene
Concen: 0.153 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Tgt Ion: 75 Resp: 3018

Ion	Ratio	Lower	Upper
75	100		
77	36.6	21.7	40.3



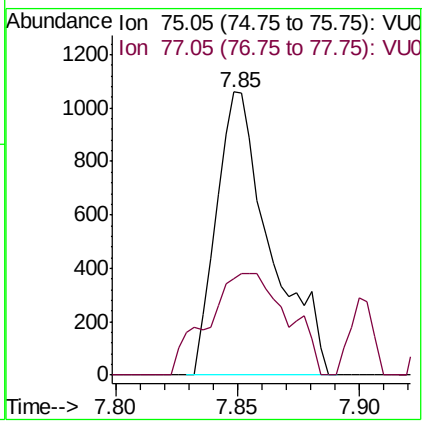


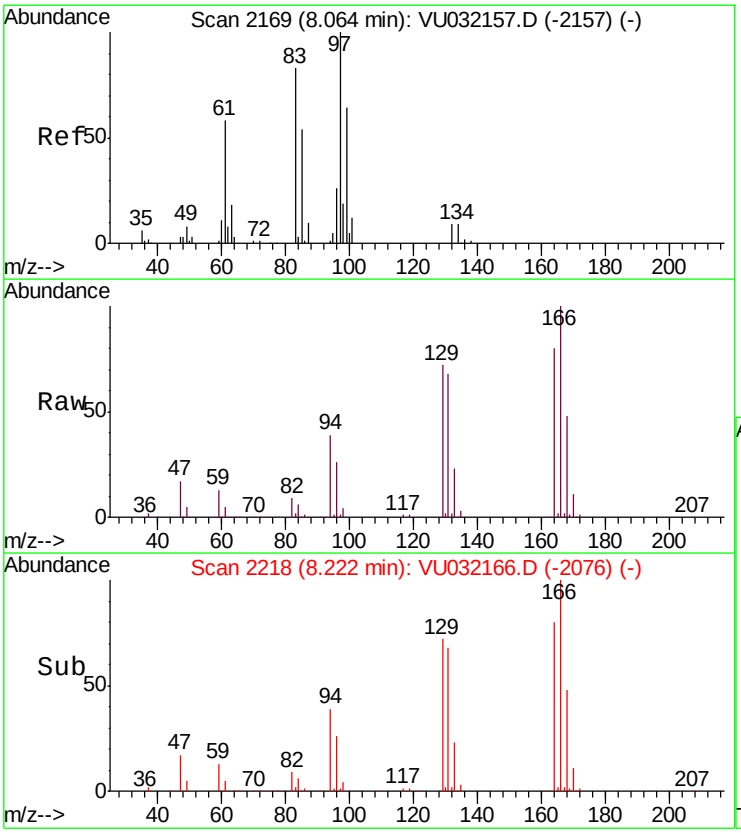
#44
trans-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Instrument :
MSVOA_U
ClientSampleId :
C0BL9

Tgt Ion: 75 Resp: 1634

Ion	Ratio	Lower	Upper
75	100		
77	34.1	21.0	39.0

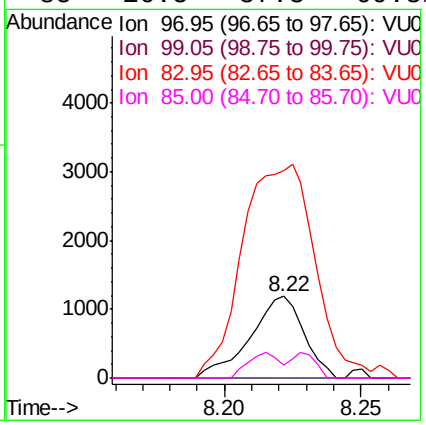


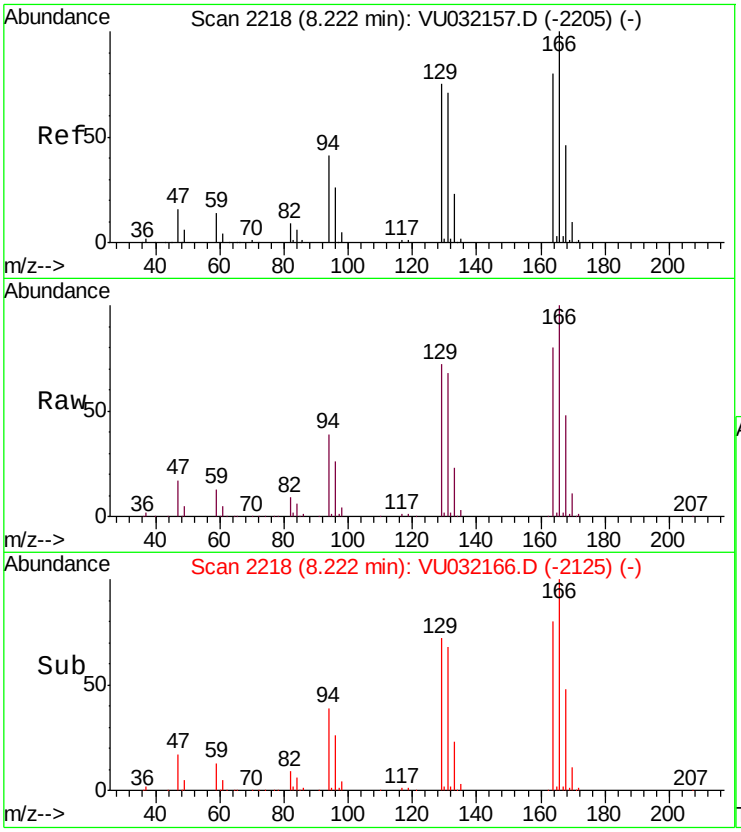


#45
1,1,2-Trichloroethane
Concen: 0.154 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.16 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Tgt Ion: 97 Resp: 1617

Ion	Ratio	Lower	Upper
97	100		
99	0.0	40.7	75.7#
83	255.6	59.6	110.8#
85	16.5	37.3	69.3#



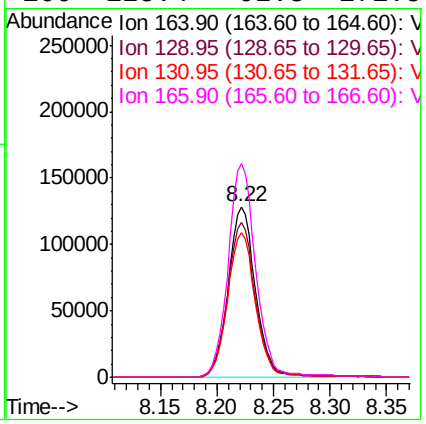


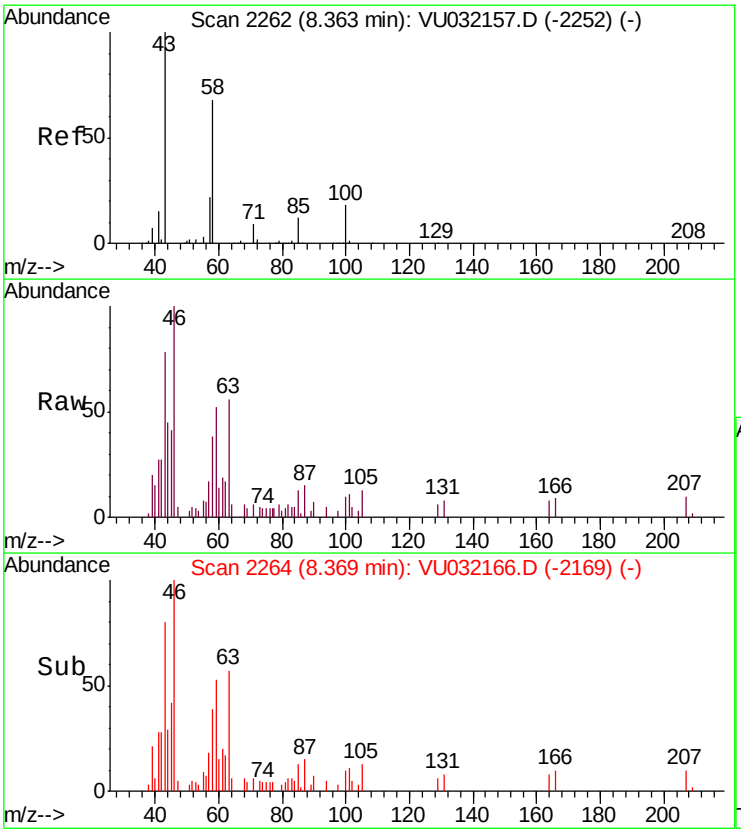
#47
Tetrachloroethene
Concen: 18.350 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Instrument : MSVOA_U
ClientSampleId : C0BL9

Tgt Ion:164 Resp: 216706

Ion	Ratio	Lower	Upper
164	100		
129	90.8	70.3	130.5
131	84.9	64.5	119.9
166	125.4	92.3	171.5

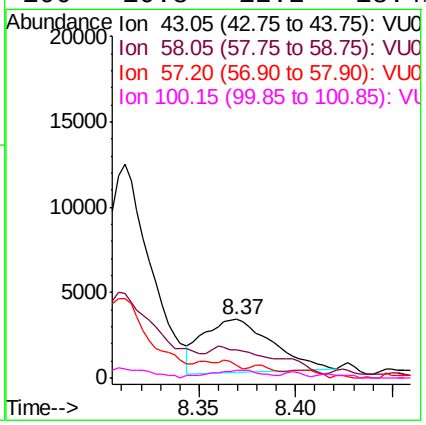


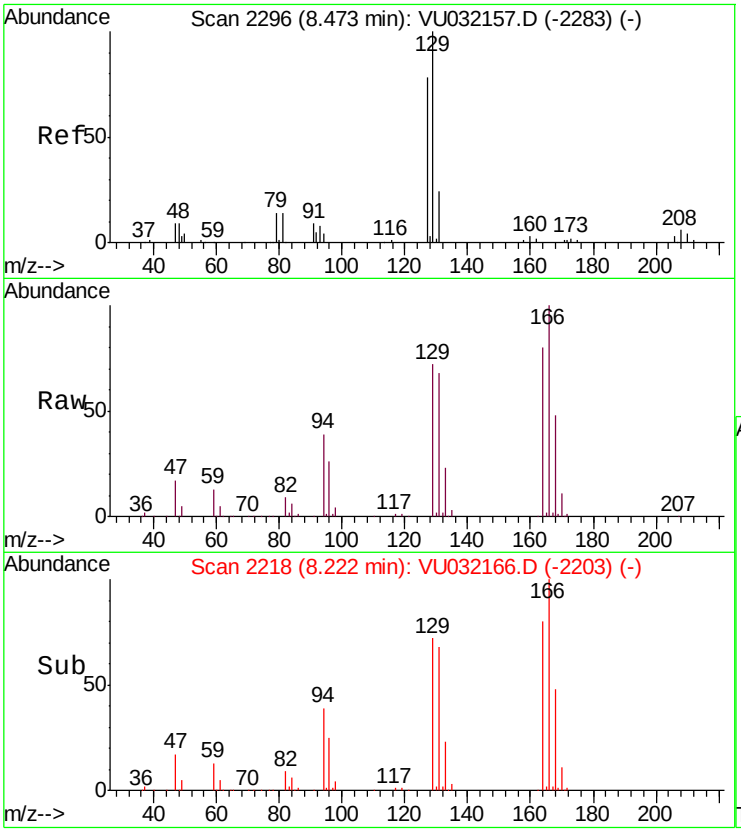


#48
2-Hexanone
Concen: 1.525 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Tgt Ion: 43 Resp: 7806

Ion	Ratio	Lower	Upper
43	100		
58	59.7	51.6	77.4
57	0.0	18.4	27.6#
100	10.8	12.2	18.4#



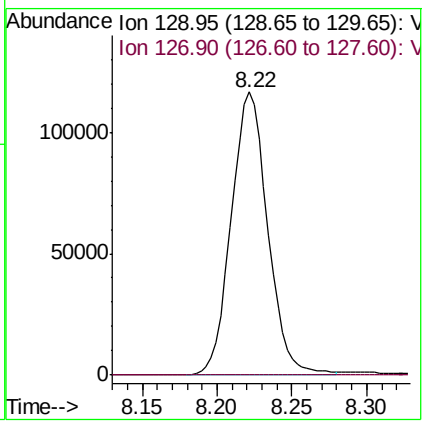


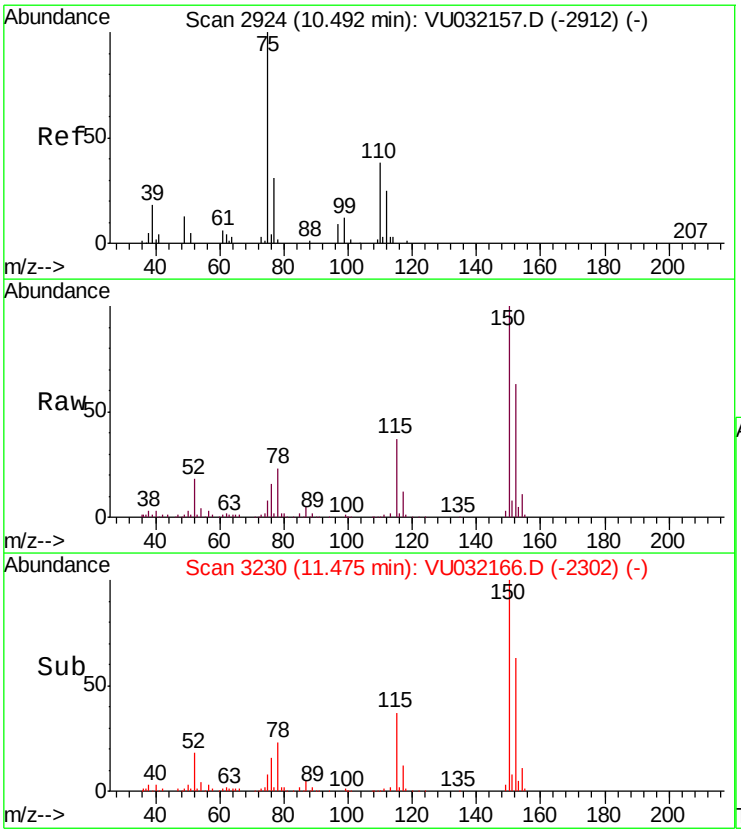
#49
Dibromochloromethane
Concen: 16.337 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Instrument :
MSVOA_U
ClientSampleId :
C0BL9

Tgt Ion:129 Resp: 198046

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.625 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.98 min
Lab File: VU032166.D
Acq: 20 May 2019 19:54

Tgt Ion: 75 Resp: 14695

Ion	Ratio	Lower	Upper
75	100		
77	37.9	26.2	39.2