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

Quantitation Report (Not Reviewed)

Data File : VU032239.D
Acq On : 22 May 2019 22:06
Operator : JC/SP
Sample : K2888-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BP1

Quant Time: May 23 01:53:25 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	372115	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	384493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150685	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	117628	5.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.60%			
7) Chloroethane-d5	1.68	69	96341	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.27	63	167884	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.20%			
20) 2-Butanone-d5	4.20	46	246746	41.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.72%			
24) Chloroform-d	4.64	84	223165	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	5.31	65	109060	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
32) Benzene-d6	5.33	84	454870	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
36) 1,2-Dichloropropane-d6	6.32	67	132774	3.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.00%			
41) Toluene-d8	7.56	98	376661	3.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.00%			
43) trans-1,3-Dichloropropene-	7.85	79	41676	3.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 61.20%			
46) 2-Hexanone-d5	8.31	63	204462	39.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.76%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106707	3.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 60.60%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	139908	3.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 67.40%#			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	3359	0.211	ug/L	96
13) Acetone	2.34	43	13383	7.328	ug/L	99
15) Methyl Acetate	2.62	43	1092	0.204	ug/L #	41
21) 2-Butanone	4.40	43	50260	18.242	ug/L #	44
27) 1,2-Dichloroethane	5.34	62	2205	0.160	ug/L #	73
35) Methylcyclohexane	6.33	83	34068	1.657	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	13548	1.082	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2847	0.160	ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	1839	0.131	ug/L	85
47) Tetrachloroethene	8.22	164	72232	6.268	ug/L	98
49) Dibromochloromethane	8.22	129	67759	6.156	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	15395	1.888	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)

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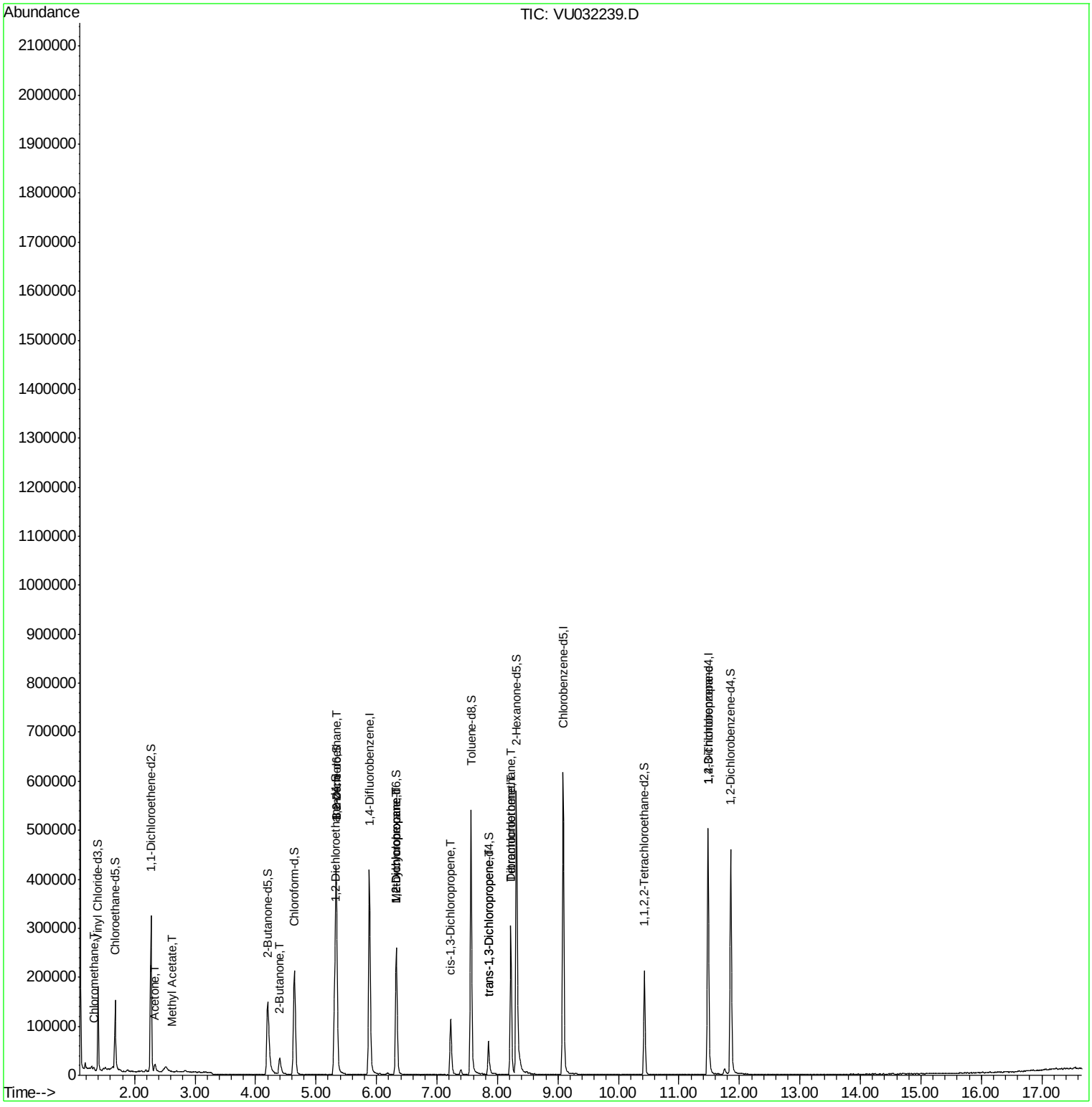
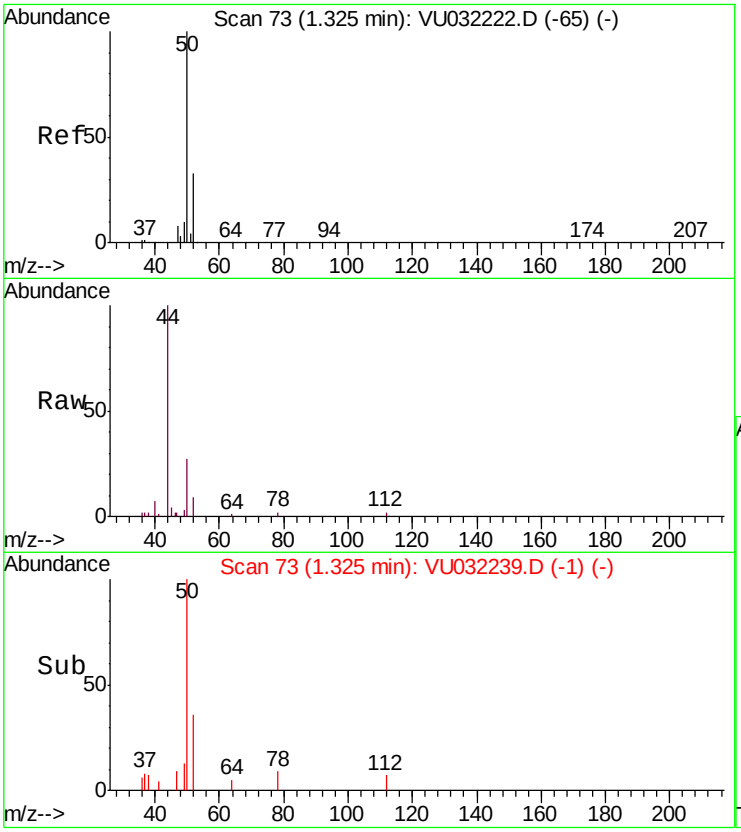
ClientSampleId :
C0BP1

Quant Time: May 23 01:53:25 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



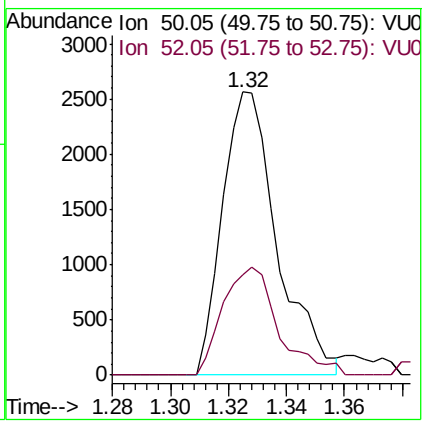


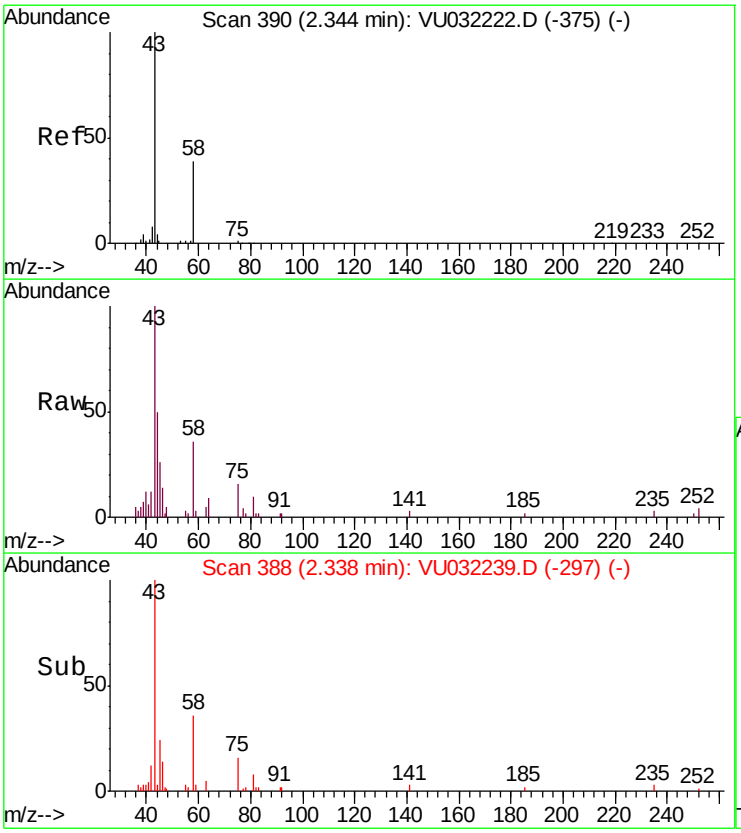
#3
Chloromethane
Concen: 0.211 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Instrument :
MSVOA_U
ClientSampleId :
C0BP1

Tgt Ion: 50 Resp: 3359

Ion	Ratio	Lower	Upper
50	100		
52	35.6	23.3	43.3

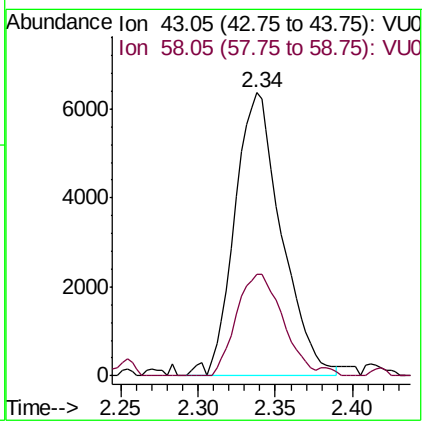


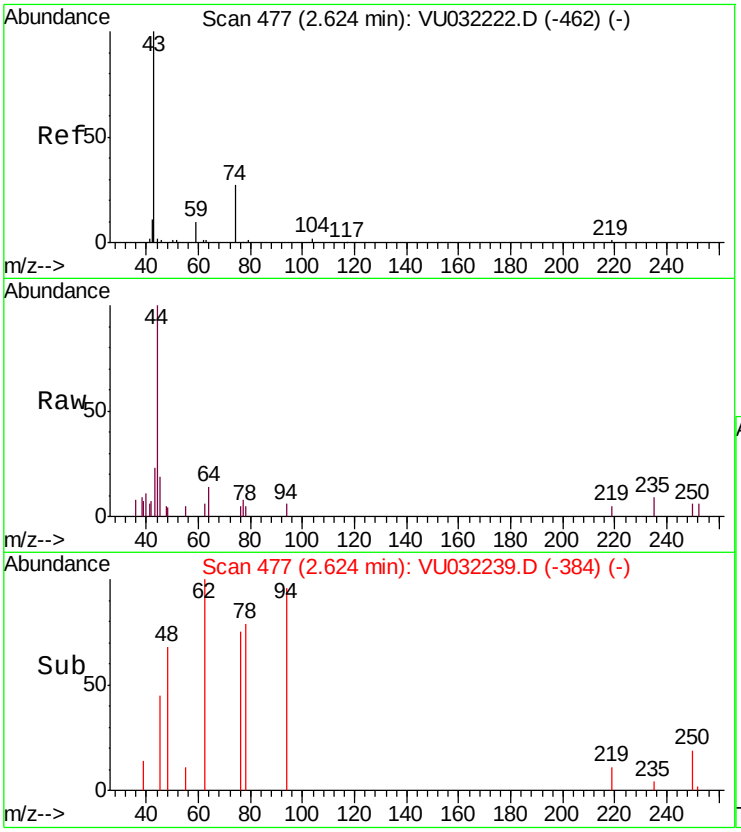


#13
Acetone
Concen: 7.328 ug/L
RT: 2.34 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Tgt Ion: 43 Resp: 13383

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	72.6



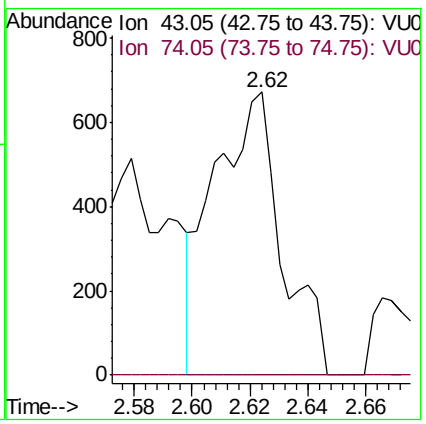


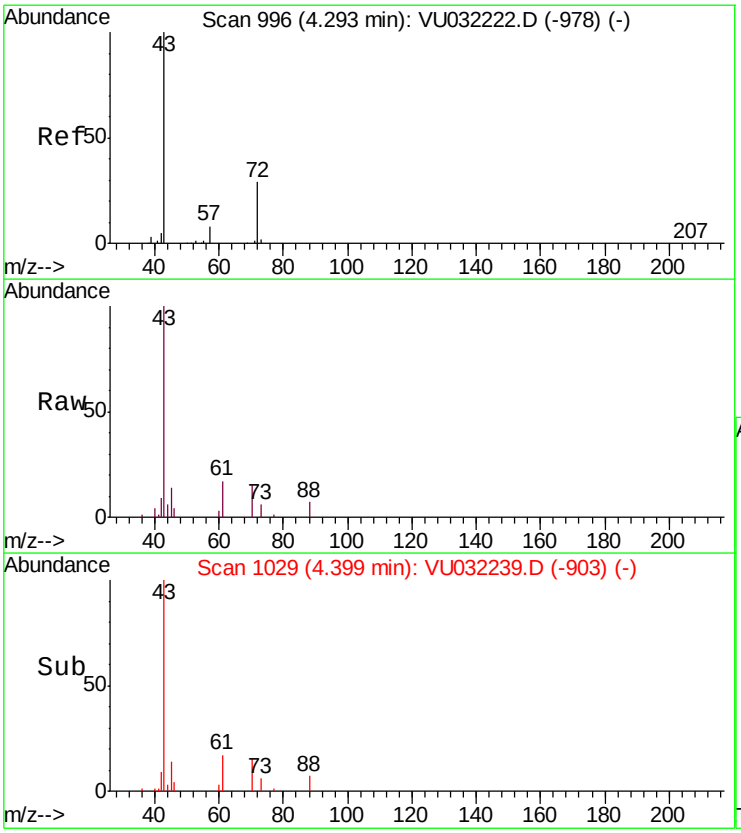
#15
Methyl Acetate
Concen: 0.204 ug/L
RT: 2.62 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Instrument : MSVOA_U
ClientSampleId : C0BP1

Tgt Ion: 43 Resp: 1092

Ion	Ratio	Lower	Upper
43	100		
74	0.0	27.3	40.9#

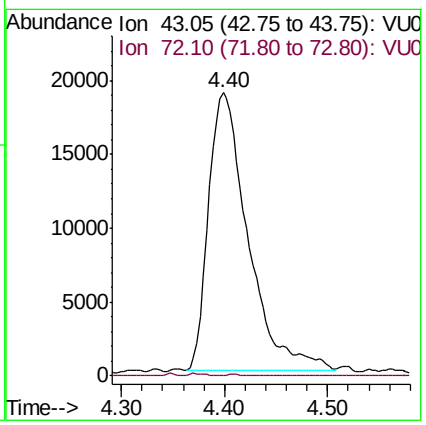


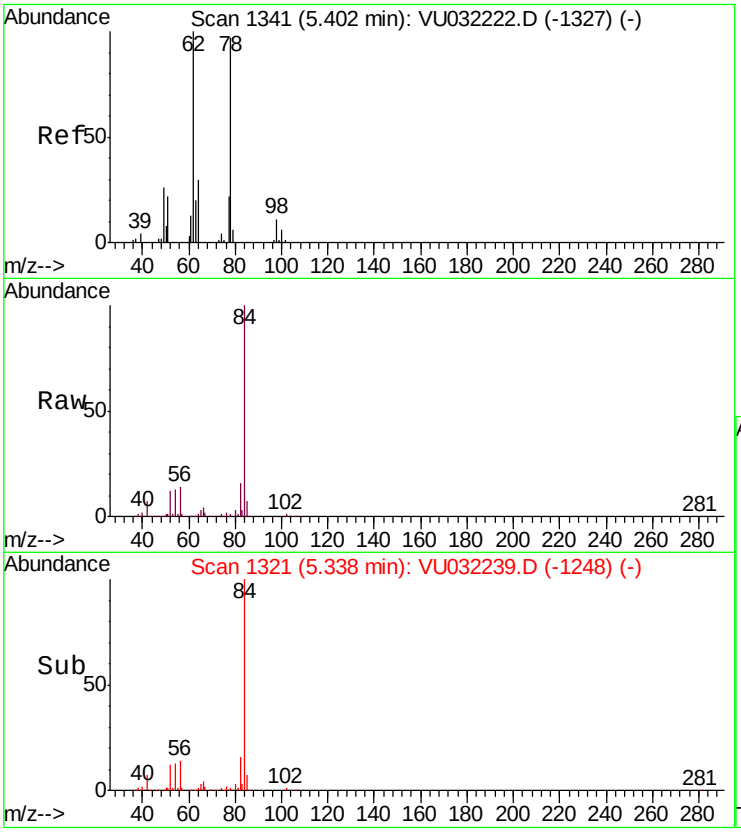


#21
2-Butanone
Concen: 18.242 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.11 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Tgt Ion: 43 Resp: 50260

Ion	Ratio	Lower	Upper
43	100		
72	0.1	15.2	45.6#



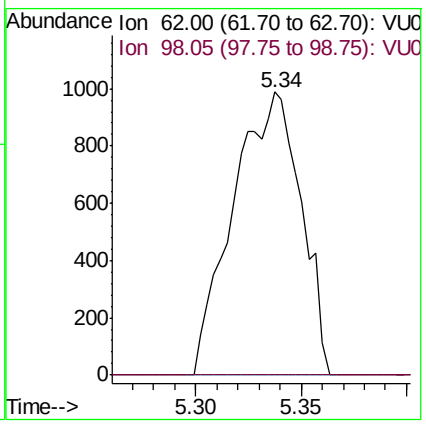


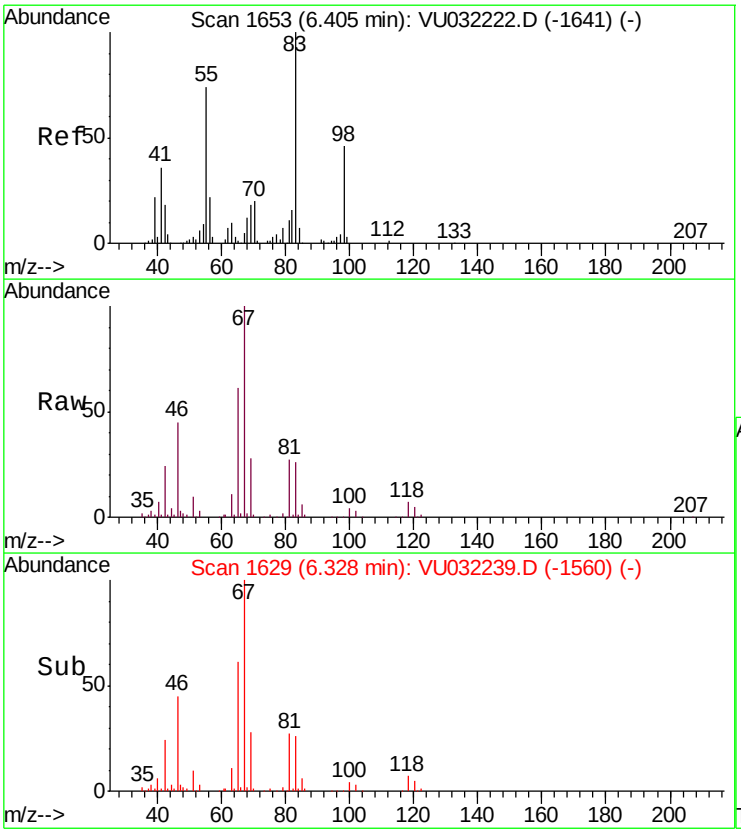
#27
1,2-Dichloroethane
Concen: 0.160 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Instrument : MSVOA_U
ClientSampleId : C0BP1

Tgt Ion: 62 Resp: 2205

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#

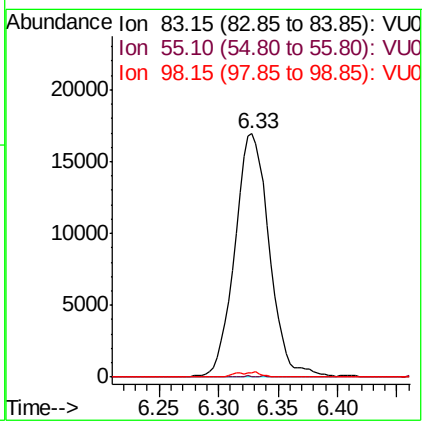


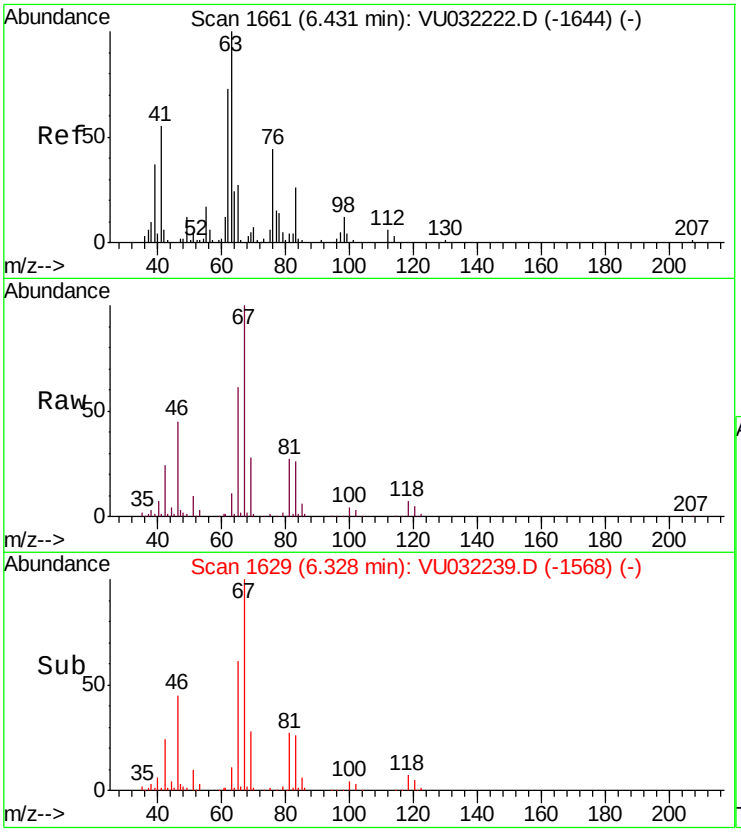


#35
Methylcyclohexane
Concen: 1.657 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Tgt Ion: 83 Resp: 34068

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.7	89.5#
98	1.4	37.5	56.3#



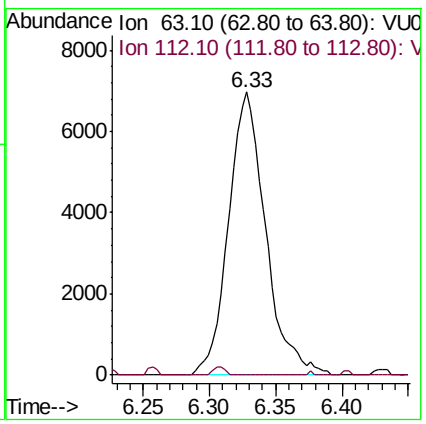


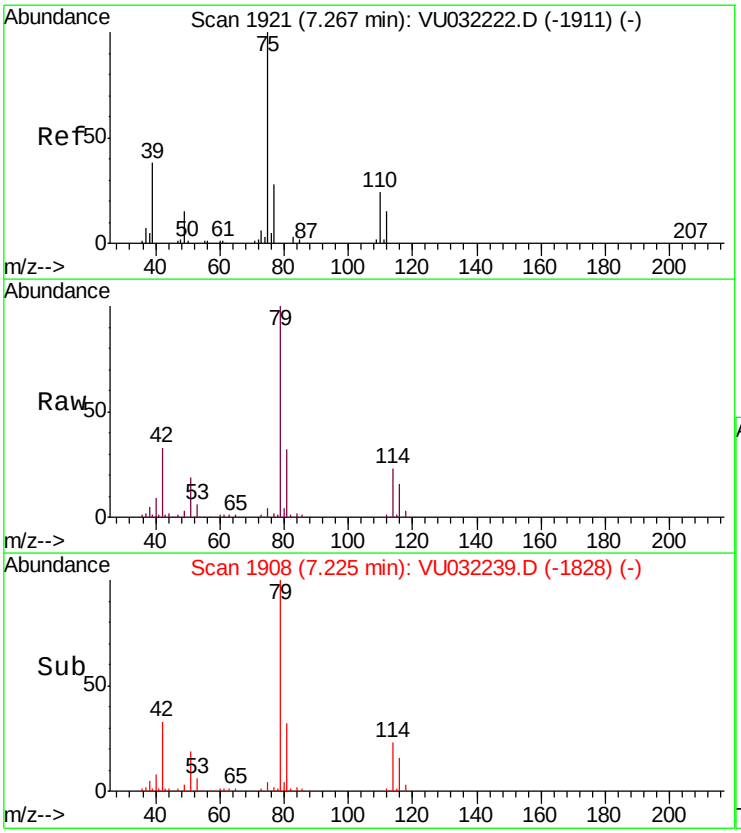
#37
1,2-Dichloropropane
Concen: 1.082 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Instrument : MSVOA_U
ClientSampleId : C0BP1

Tgt Ion: 63 Resp: 13548

Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.8	5.8#

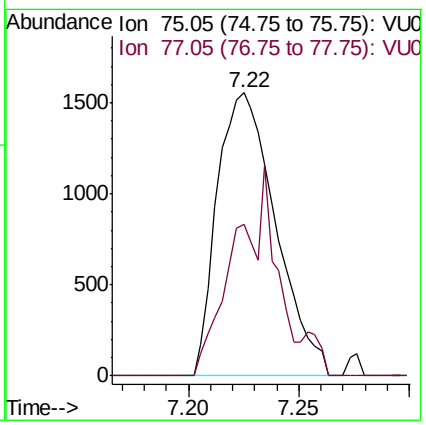


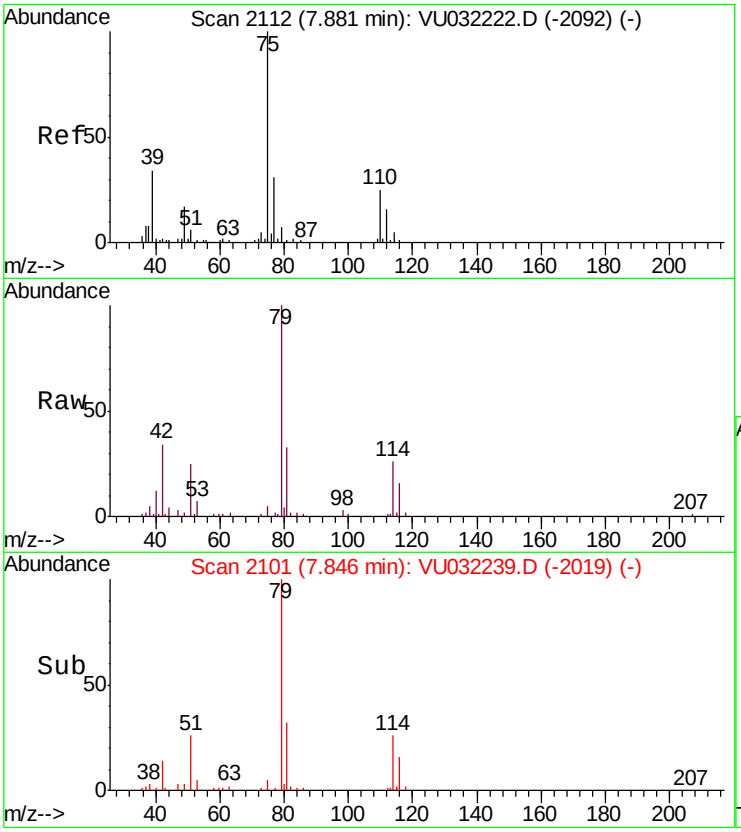


#39
cis-1,3-Dichloropropene
Concen: 0.160 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Tgt Ion: 75 Resp: 2847

Ion	Ratio	Lower	Upper
75	100		
77	53.6	22.6	42.0#



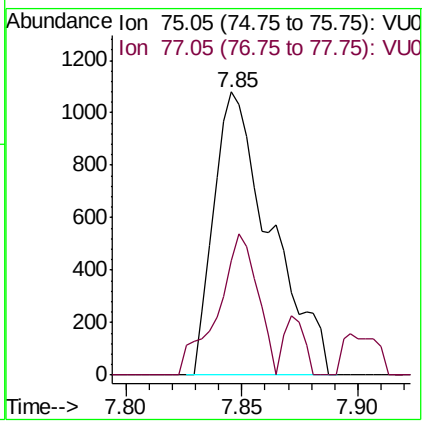


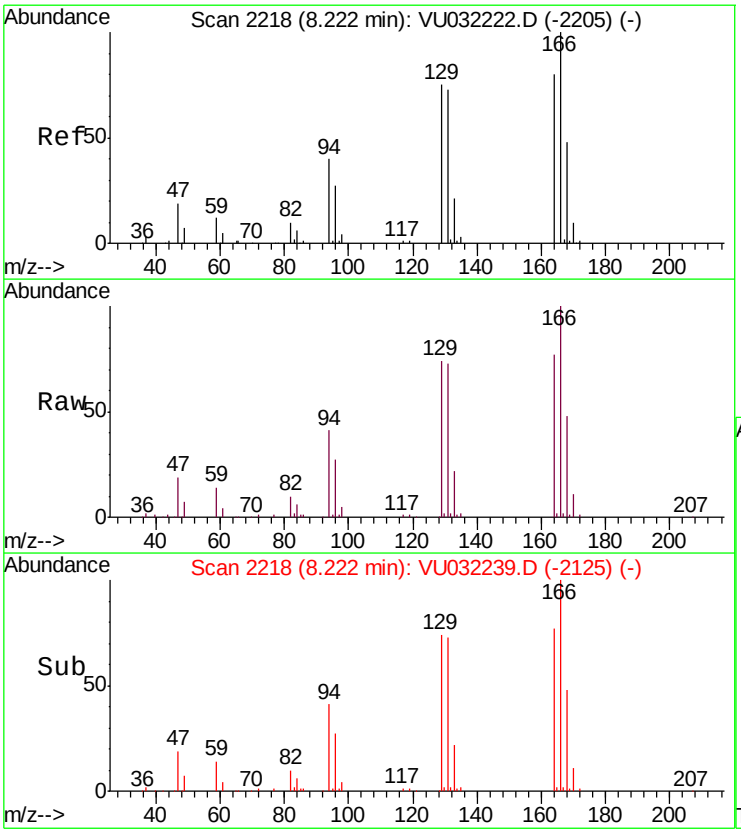
#44
trans-1,3-Dichloropropene
Concen: 0.131 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.04 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Instrument :
MSVOA_U
ClientSampleId :
C0BP1

Tgt Ion: 75 Resp: 1839

Ion	Ratio	Lower	Upper
75	100		
77	40.5	22.5	41.9

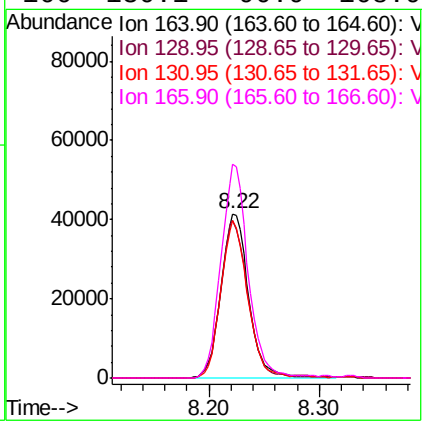


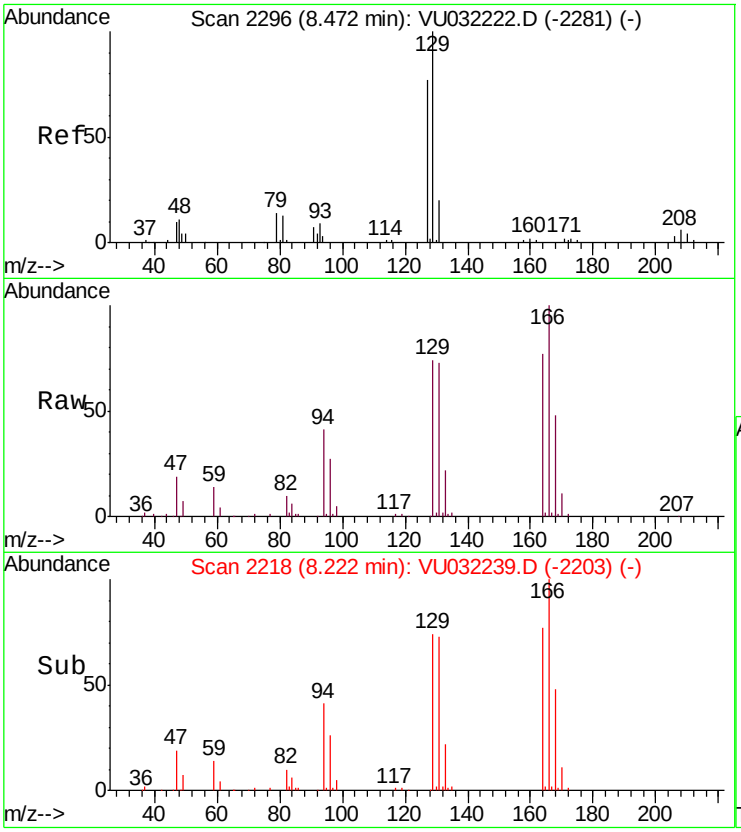


#47
Tetrachloroethene
Concen: 6.268 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Tgt Ion:164 Resp: 72232

Ion	Ratio	Lower	Upper
164	100		
129	96.0	67.1	124.7
131	95.6	62.2	115.4
166	130.1	90.9	168.9



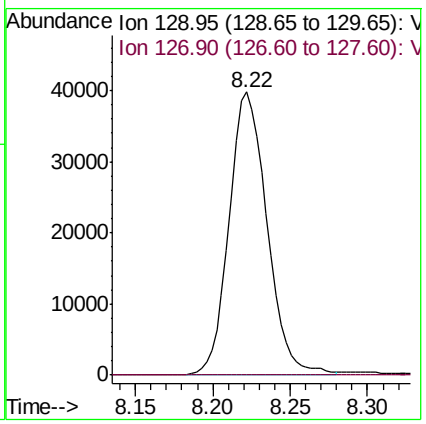


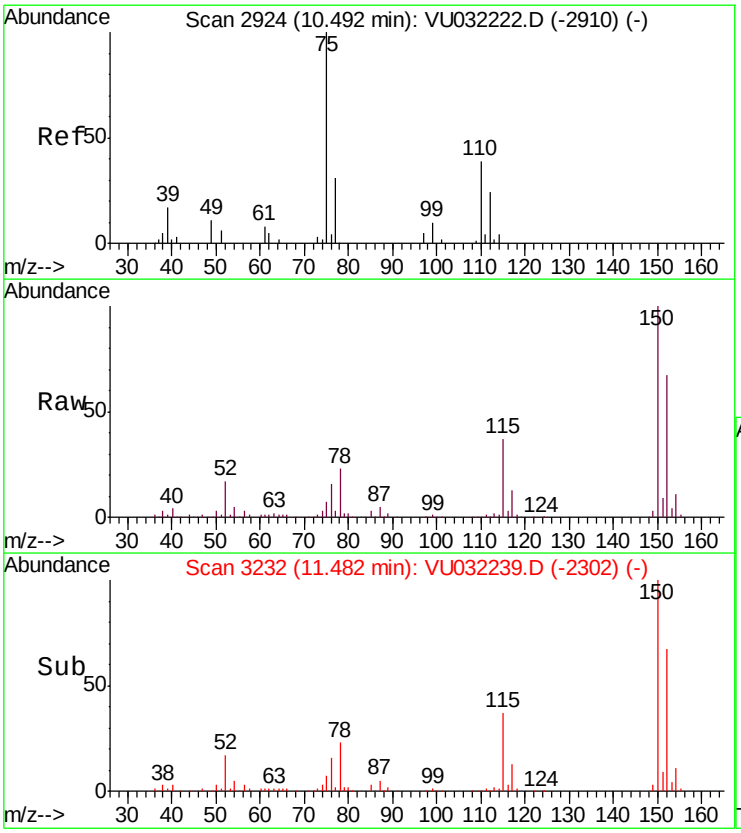
#49
Dibromochloromethane
Concen: 6.156 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Instrument :
MSVOA_U
ClientSampleId :
C0BP1

Tgt Ion:129 Resp: 67759

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.7	95.9#





#59
1,2,3-Trichloropropane
Concen: 1.888 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032239.D
Acq: 22 May 2019 22:06

Tgt Ion: 75 Resp: 15395

Ion	Ratio	Lower	Upper
75	100		
77	35.6	28.2	42.4