Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\
Data File : VU032092.D
Acq On : 17 May 2019 09:54
Operator : JC/SP
Sample : K2739-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB885

Quant Time: May 18 02:10:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 01:51:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	378069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	399021	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	160039	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	134318	4.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.20%			
7) Chloroethane-d5	1.67	69	118979	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.27	63	188440	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.20%			
20) 2-Butanone-d5	4.19	46	253140	40.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.98%			
24) Chloroform-d	4.64	84	236472	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
26) 1,2-Dichloroethane-d4	5.31	65	125287	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
32) Benzene-d6	5.33	84	489799	4.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.40%			
36) 1,2-Dichloropropane-d6	6.32	67	143489	4.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.60%			
41) Toluene-d8	7.56	98	418884	3.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.20%			
43) trans-1,3-Dichloropropene-	7.85	79	48723	3.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.00%			
46) 2-Hexanone-d5	8.31	63	216529	37.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.88%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121819	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	156334	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	3458	0.190	ug/L	84
13) Acetone	2.32	43	15252	7.431	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	5638	0.158	ug/L #	87
21) 2-Butanone	4.30	43	2926	0.993	ug/L	78
22) cis-1,2-Dichloroethene	4.22	96	9855	0.616	ug/L	94
42) Toluene	7.64	91	10842	0.169	ug/L	95
47) Tetrachloroethene	8.22	164	2976	0.240	ug/L	82

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

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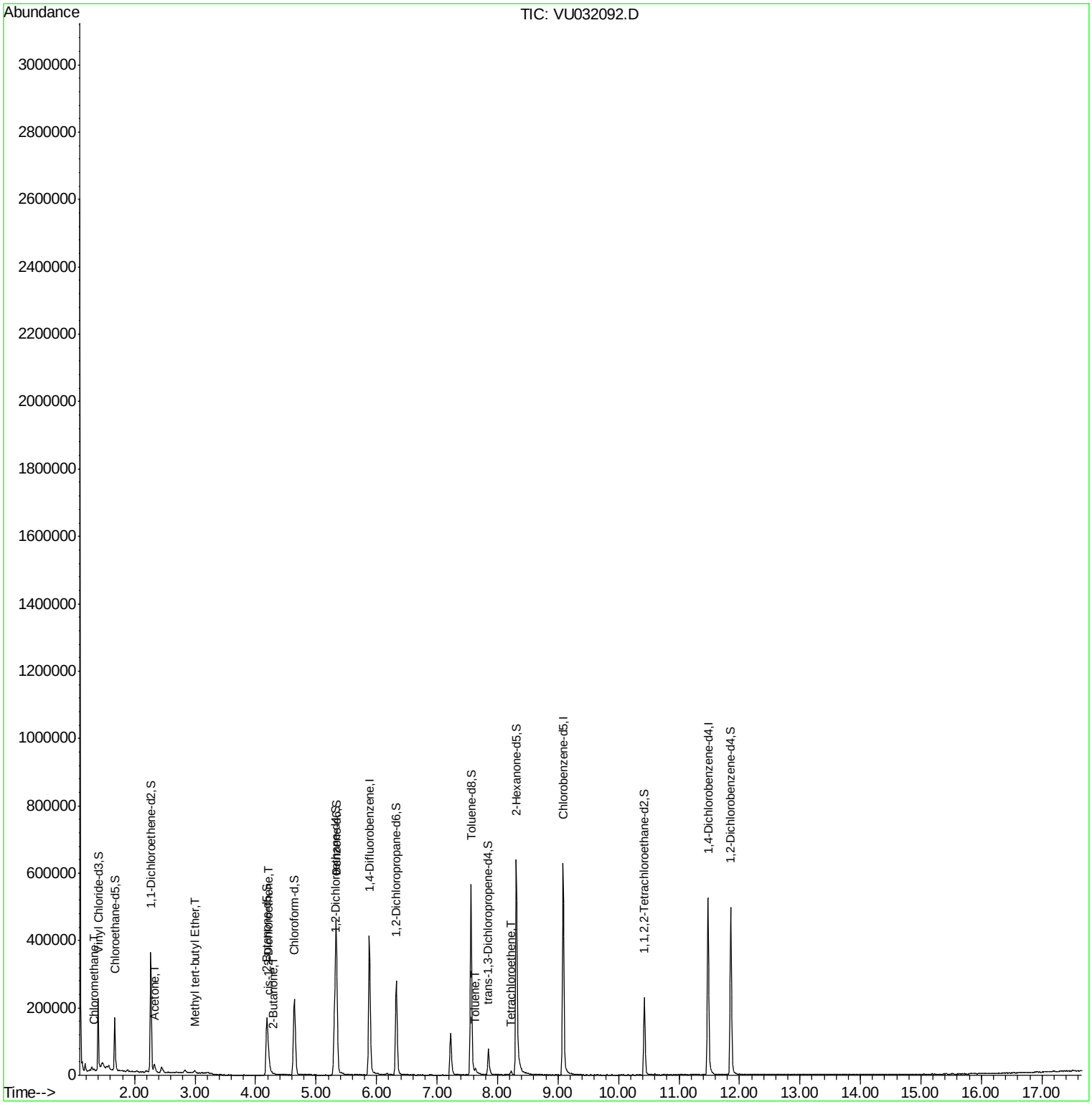
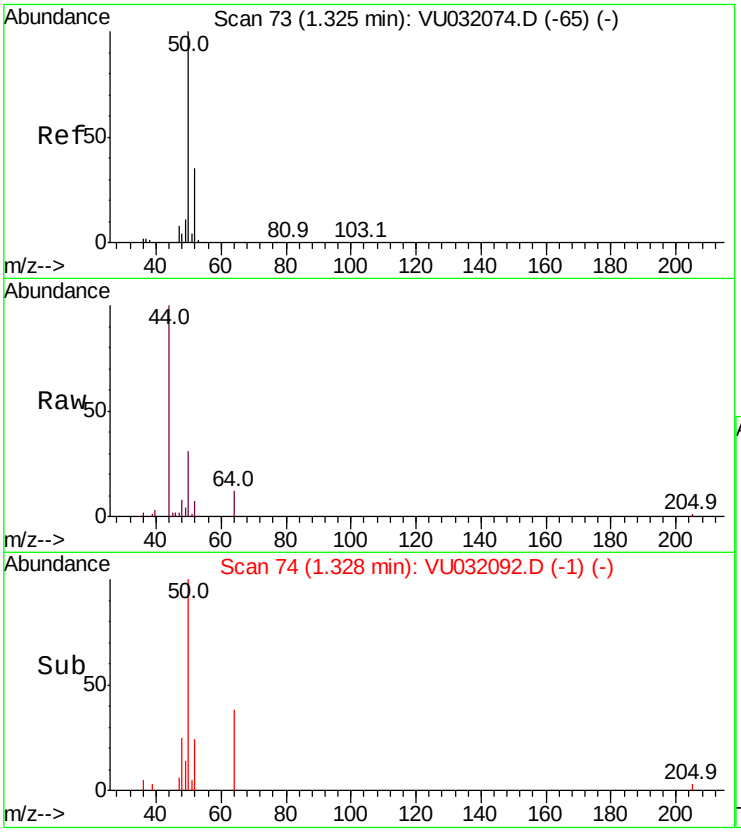


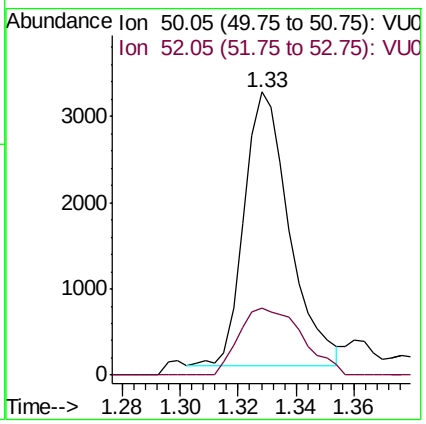


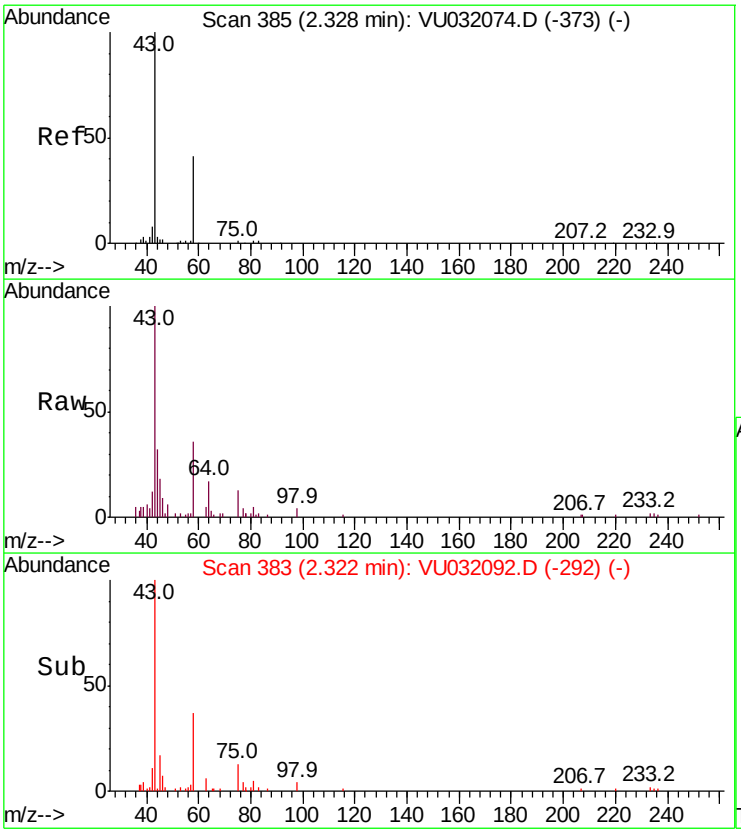
#3
Chloromethane
Concen: 0.190 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032092.D
Acq: 17 May 2019 09:54

Instrument :
MSVOA_U
ClientSampleId :
DB885

Tgt Ion: 50 Resp: 3458

Ion	Ratio	Lower	Upper
50	100		
52	23.8	23.2	43.0

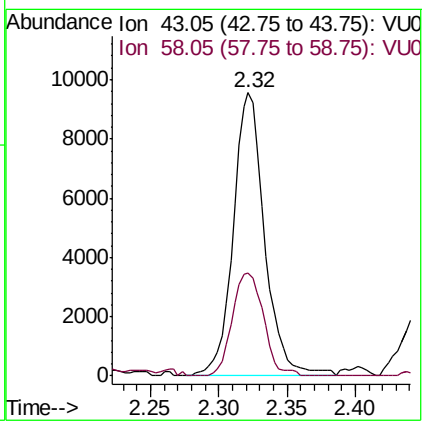


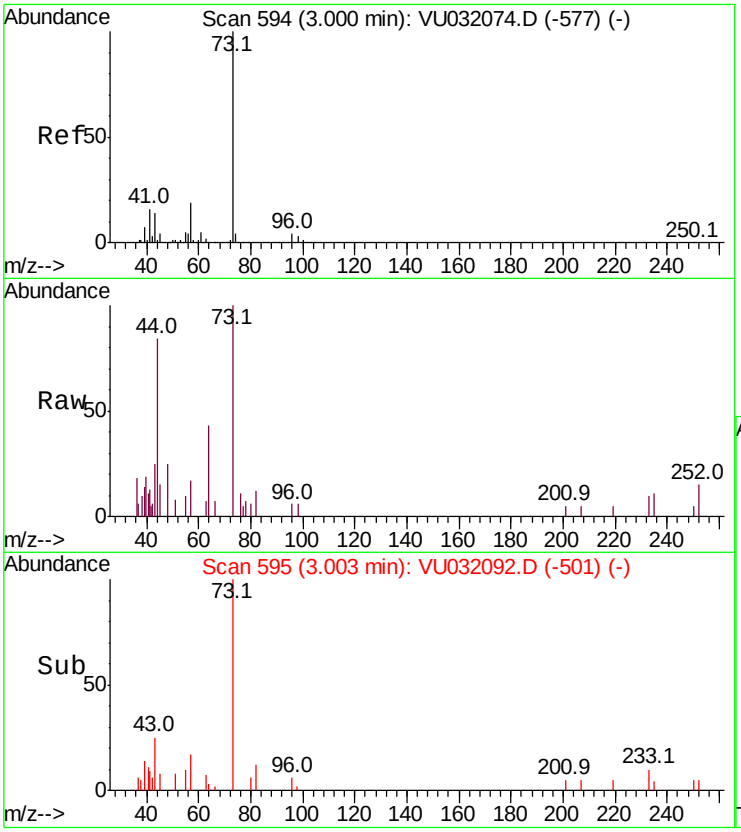


#13
Acetone
Concen: 7.431 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU032092.D
Acq: 17 May 2019 09:54

Tgt Ion: 43 Resp: 15252

Ion	Ratio	Lower	Upper
43	100		
58	36.2	0.0	78.8



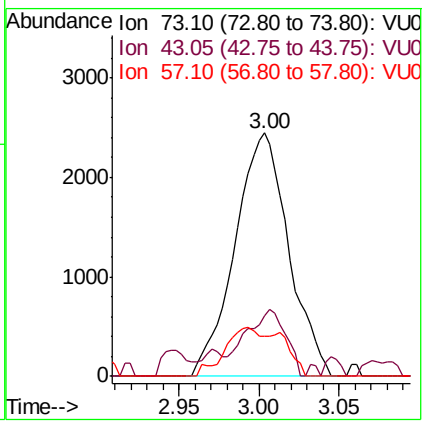


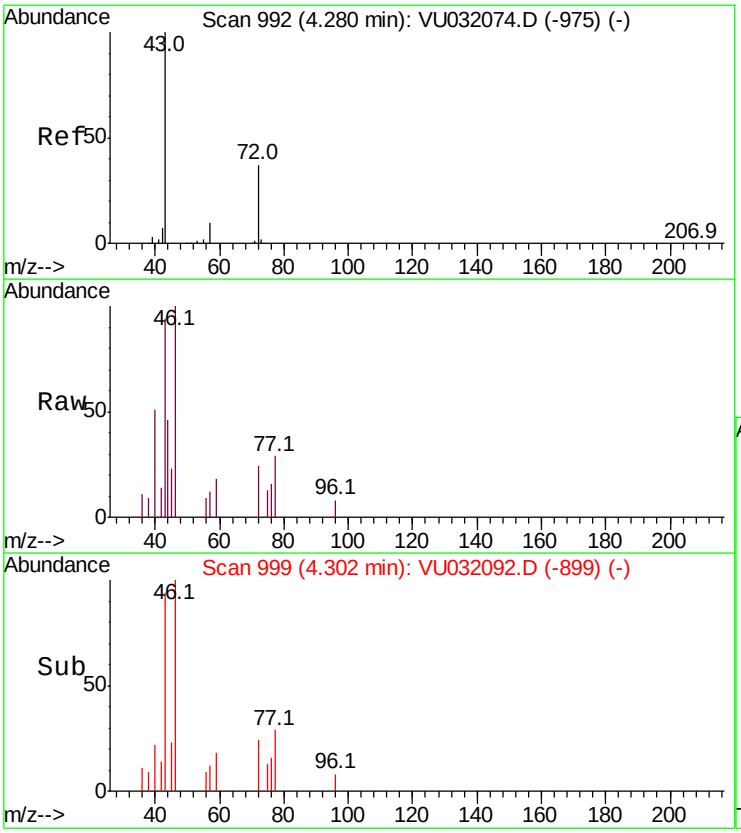
#17
Methyl tert-butyl Ether
Concen: 0.158 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032092.D
Acq: 17 May 2019 09:54

Instrument : MSVOA_U
ClientSampleId : DB885

Tgt Ion: 73 Resp: 5638

Ion	Ratio	Lower	Upper
73	100		
43	20.9	13.0	19.6#
57	15.3	17.9	26.9#

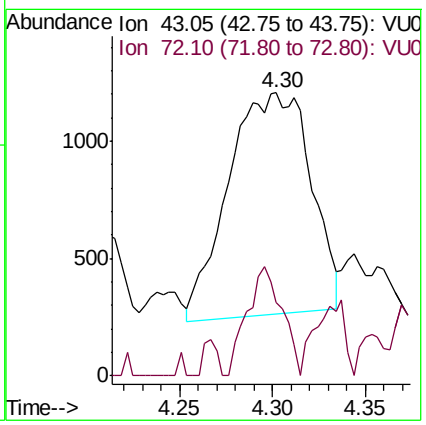


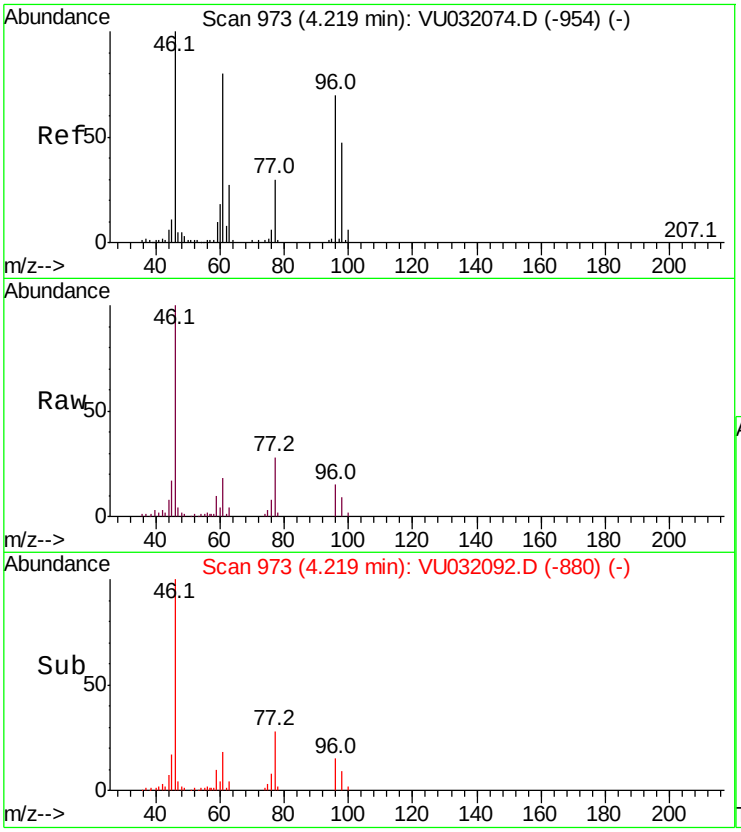


#21
2-Butanone
Concen: 0.993 ug/L
RT: 4.30 min Scan# 999
Delta R.T. 0.02 min
Lab File: VU032092.D
Acq: 17 May 2019 09:54

Tgt Ion: 43 Resp: 2926

Ion	Ratio	Lower	Upper
43	100		
72	20.9	16.8	50.3



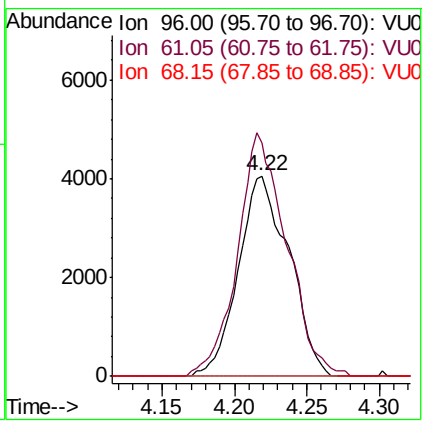


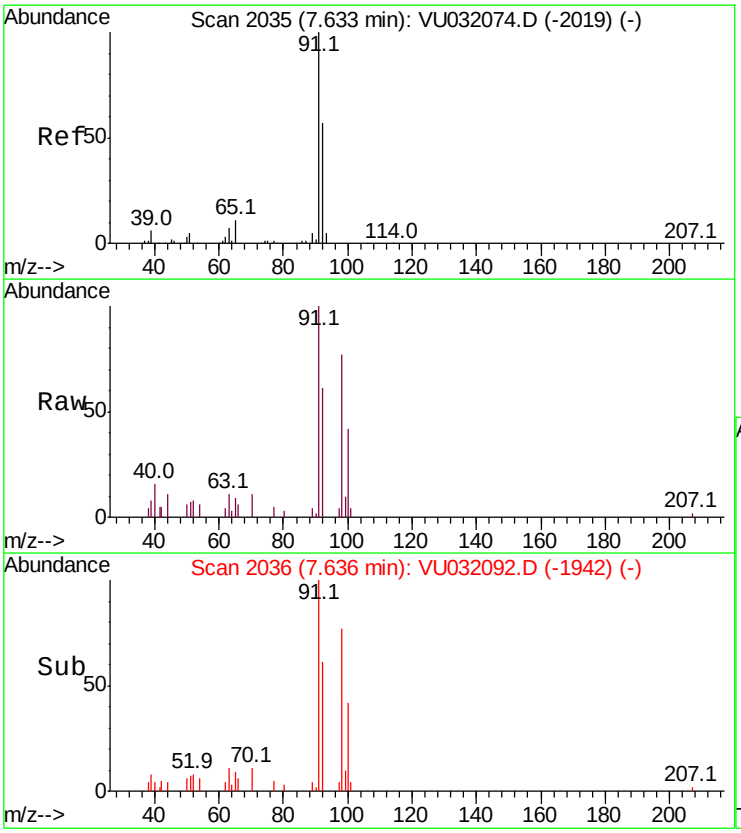
#22
cis-1,2-Dichloroethene
Concen: 0.616 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032092.D
Acq: 17 May 2019 09:54

Instrument :
MSVOA_U
ClientSampleId :
DB885

Tgt Ion: 96 Resp: 9855

Ion	Ratio	Lower	Upper
96	100		
61	116.4	85.8	159.4
68	0.0	0.0	0.0

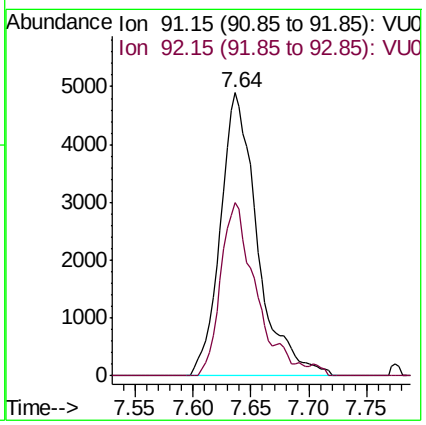


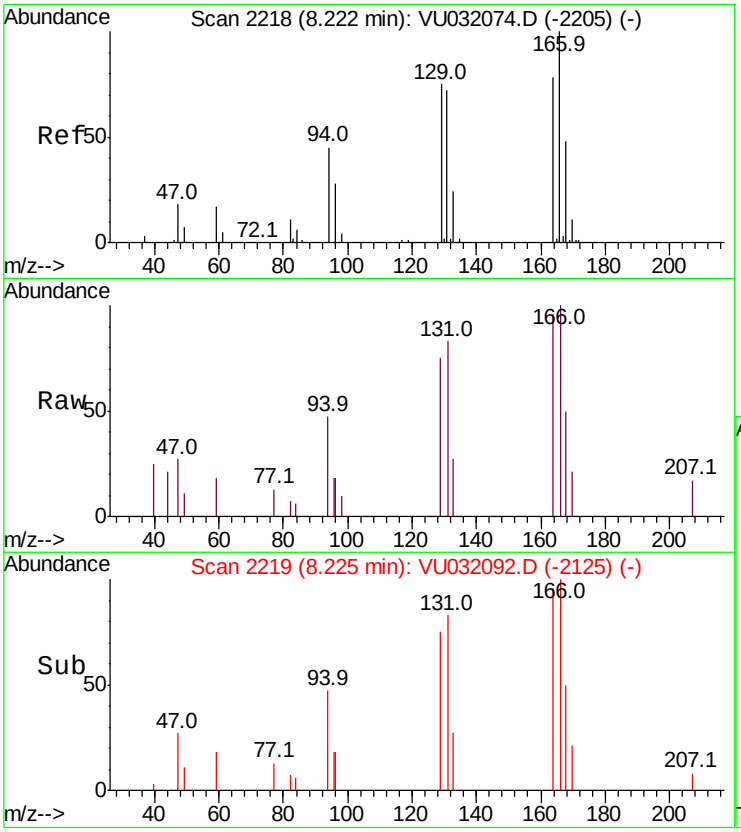


#42
Toluene
Concen: 0.169 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU032092.D
Acq: 17 May 2019 09:54

Tgt Ion: 91 Resp: 10842

Ion	Ratio	Lower	Upper
91	100		
92	61.0	40.2	74.6





#47
Tetrachloroethene
Concen: 0.240 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032092.D
Acq: 17 May 2019 09:54

Instrument :
MSVOA_U
ClientSampleId :
DB885

Tgt Ion:164 Resp: 2976

Ion	Ratio	Lower	Upper
164	100		
129	77.7	70.3	130.5
131	86.4	64.5	119.9
166	104.3	92.3	171.5