Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061719\

Quantitation Report (Not Reviewed)

Data File : VU032789.D
Acq On : 17 Jun 2019 17:50
Operator : JC/SP
Sample : K3324-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JT2

Quant Time: Jun 18 02:44:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	229799	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	223493	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110561	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	63324	40.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.64%			
7) Chloroethane-d5	1.67	69	54935	43.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.72%			
11) 1,1-Dichloroethene-d2	2.26	63	98939	31.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.54%			
21) 2-Butanone-d5	4.16	46	155709	119.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.12%			
24) Chloroform-d	4.64	84	135012	44.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.44%			
26) 1,2-Dichloroethane-d4	5.30	65	94219	46.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.66%			
32) Benzene-d6	5.33	84	260582	44.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.46%			
36) 1,2-Dichloropropane-d6	6.32	67	86886	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.64%			
41) Toluene-d8	7.56	98	239714	43.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.88%			
43) trans-1,3-Dichloropropene-	7.84	79	41814	43.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.62%			
47) 2-Hexanone-d5	8.30	63	109896	126.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 126.81%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	134823	46.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.98%			
64) 1,2-Dichlorobenzene-d4	11.85	152	103107	48.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.38%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	1147	0.955	ug/L #	1
13) Acetone	2.32	43	31695	17.555	ug/L	99
15) Methyl Acetate	2.61	43	2379	1.162	ug/L #	89
16) Methylene chloride	2.69	84	4160	2.450	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	7131	4.171	ug/L	93
22) 2-Butanone	4.27	43	6409	3.425	ug/L	95
34) Trichloroethene	6.18	95	9016	5.241	ug/L	92
37) 1,2-Dichloropropane	6.32	63	10300	5.832	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2880	1.047	ug/L #	63
42) Toluene	7.63	91	3275	0.470	ug/L	100
44) trans-1,3-Dichloropropene	7.84	75	2115	0.818	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	14497	6.151	ug/L	91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061719\

Quantitation Report (Not Reviewed)

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Acq On : 17 Jun 2019 17:50
Operator : JC/SP
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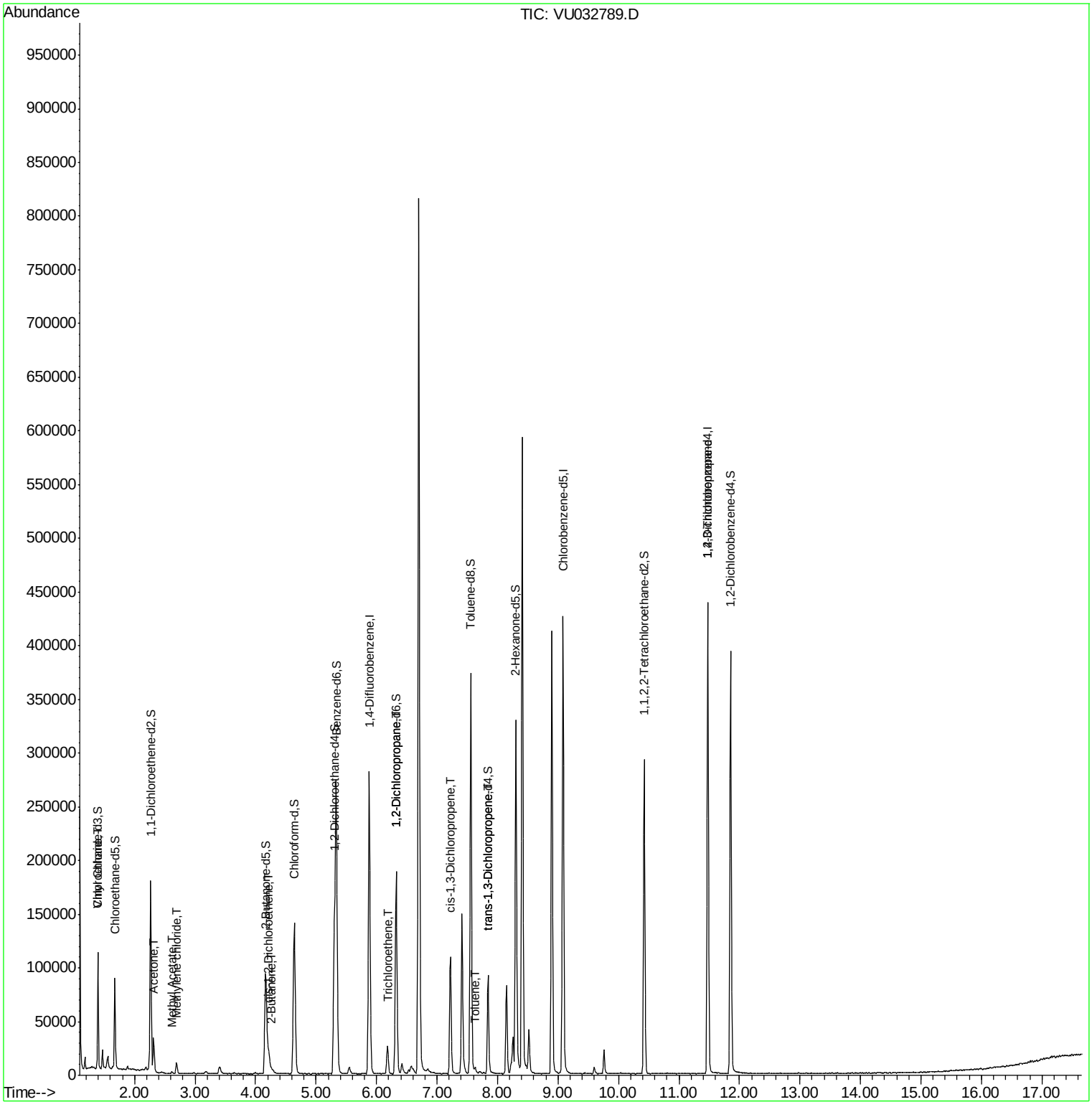
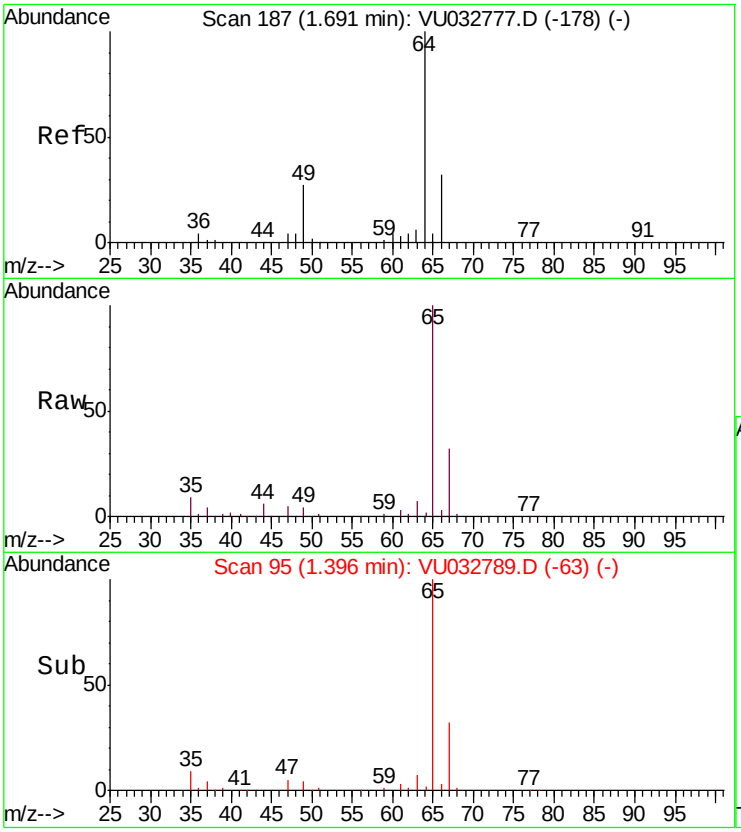
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JT2

Quant Time: Jun 18 02:44:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration



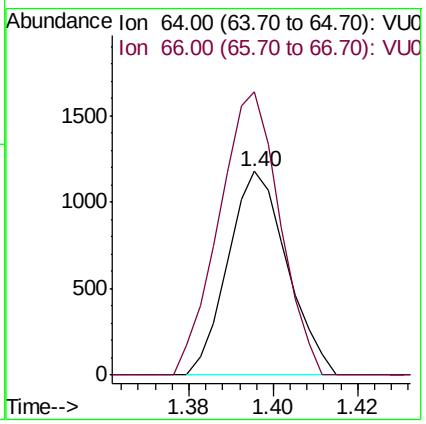


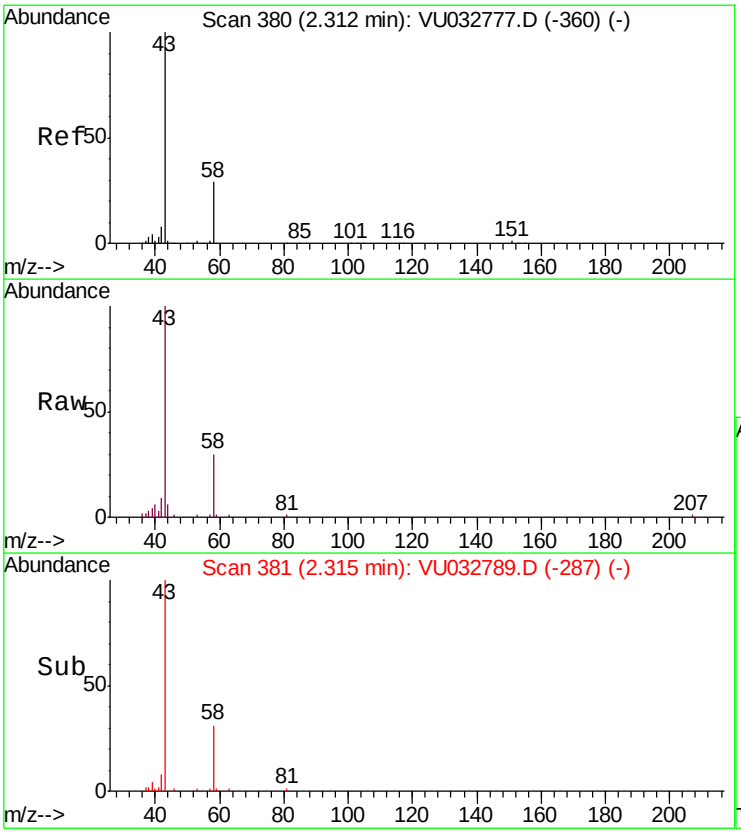
#8
Chloroethane
Concen: 0.955 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Instrument : MSVOA_U
ClientSampleId : C0JT2

Tgt Ion: 64 Resp: 1147

Ion	Ratio	Lower	Upper
64	100		
66	138.9	22.5	41.7#

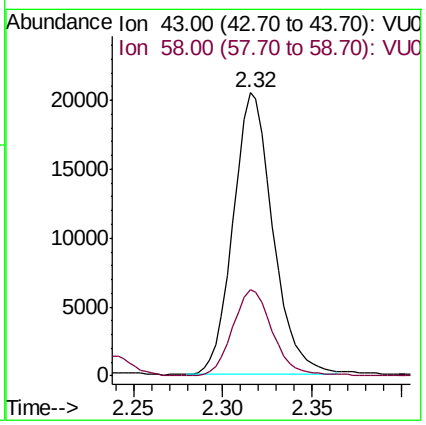


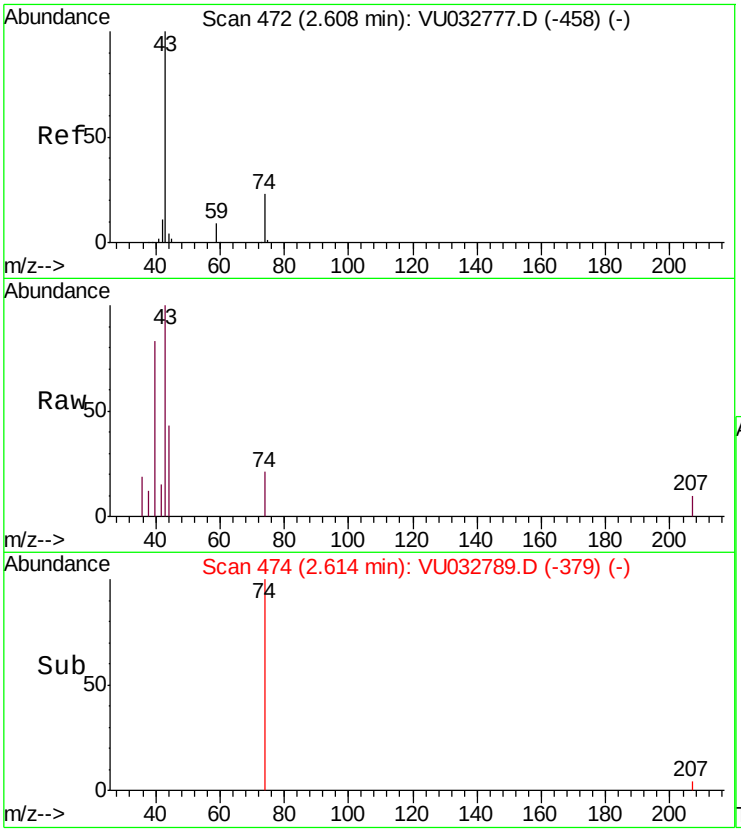


#13
Acetone
Concen: 17.555 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Tgt Ion: 43 Resp: 31695

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	60.6



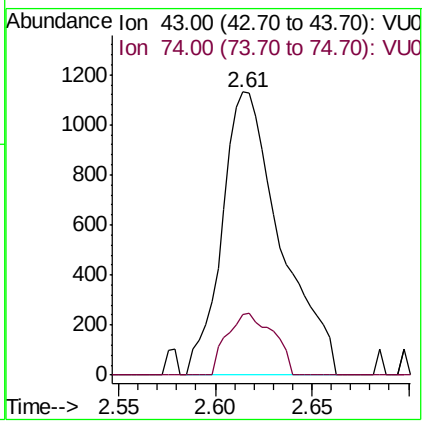


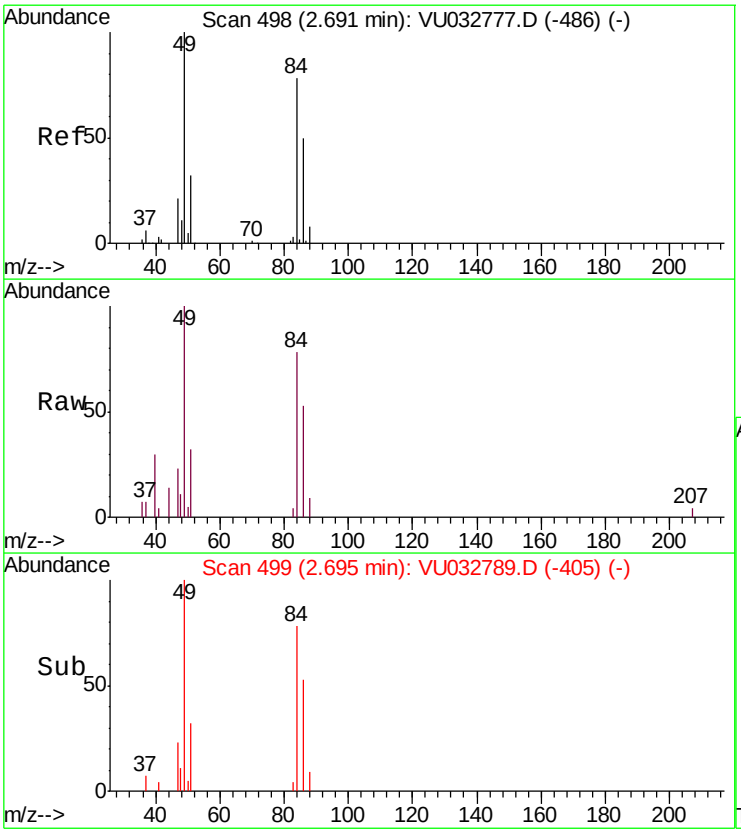
#15
Methyl Acetate
Concen: 1.162 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.01 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
C0JT2

Tgt Ion: 43 Resp: 2379

Ion	Ratio	Lower	Upper
43	100		
74	17.3	18.1	27.1#

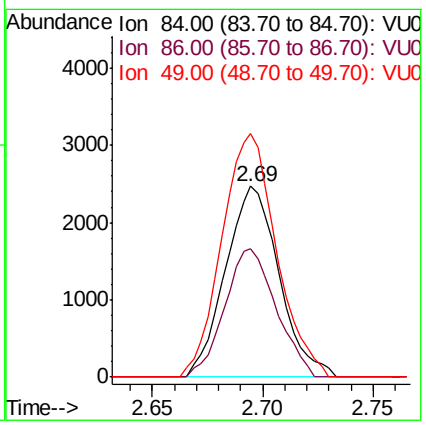


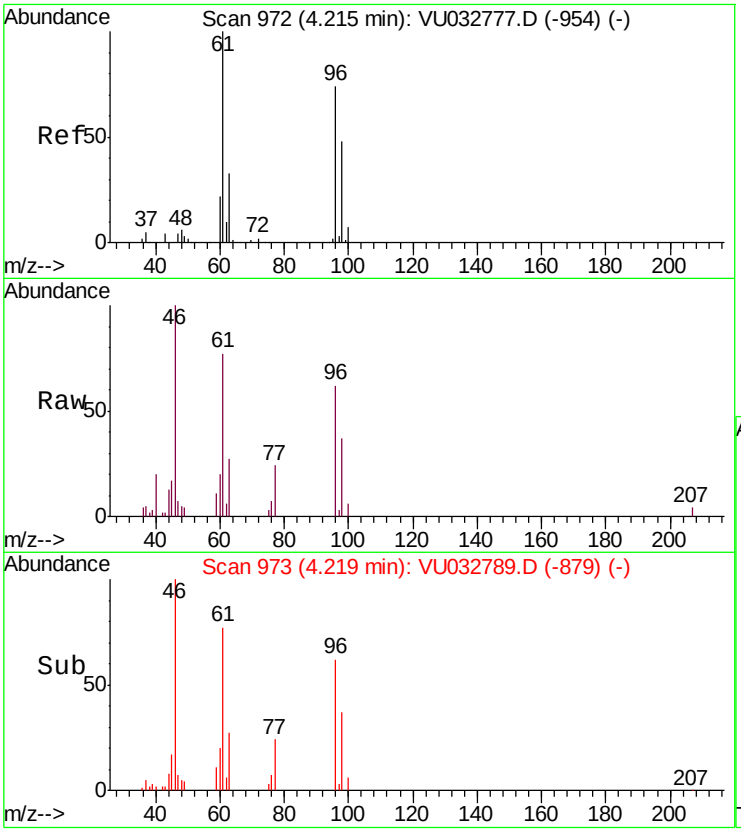


#16
Methylene chloride
Concen: 2.450 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Tgt Ion: 84 Resp: 4160

Ion	Ratio	Lower	Upper
84	100		
86	67.3	45.5	84.5
49	127.6	92.1	171.1



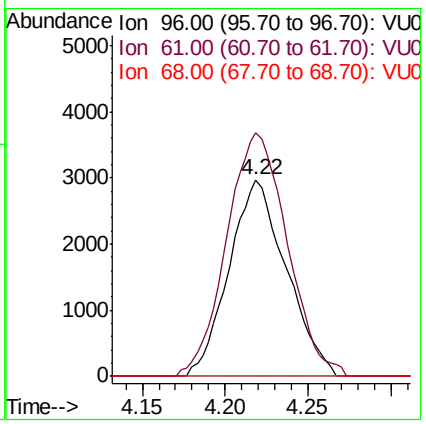


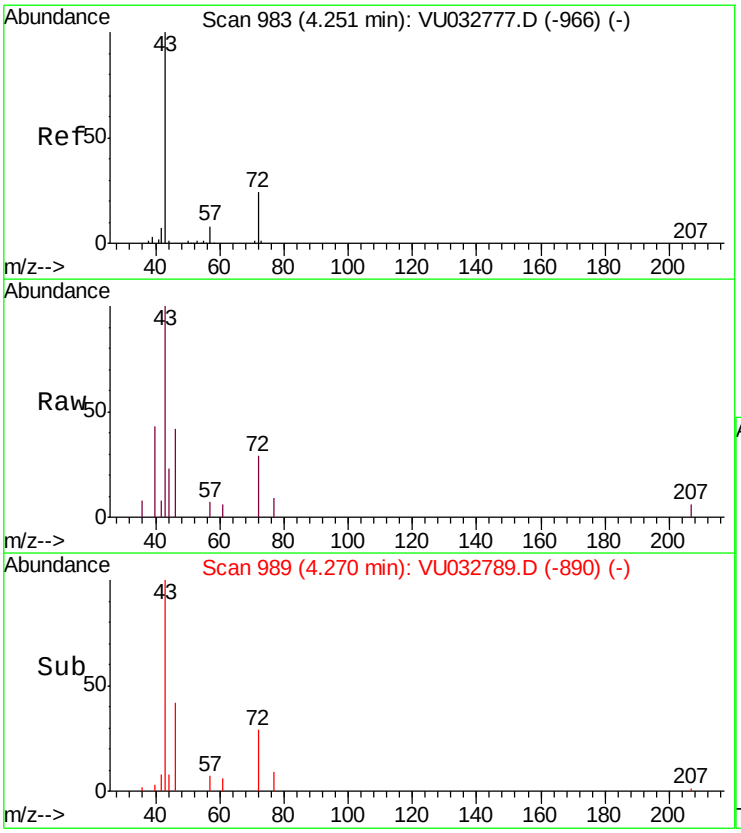
#20
cis-1,2-Dichloroethene
Concen: 4.171 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Instrument : MSVOA_U
ClientSampleId : C0JT2

Tgt Ion: 96 Resp: 7131

Ion	Ratio	Lower	Upper
96	100		
61	123.7	92.4	171.6
68	0.0	0.0	0.0

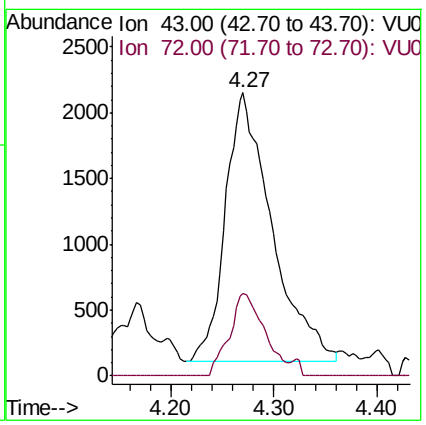


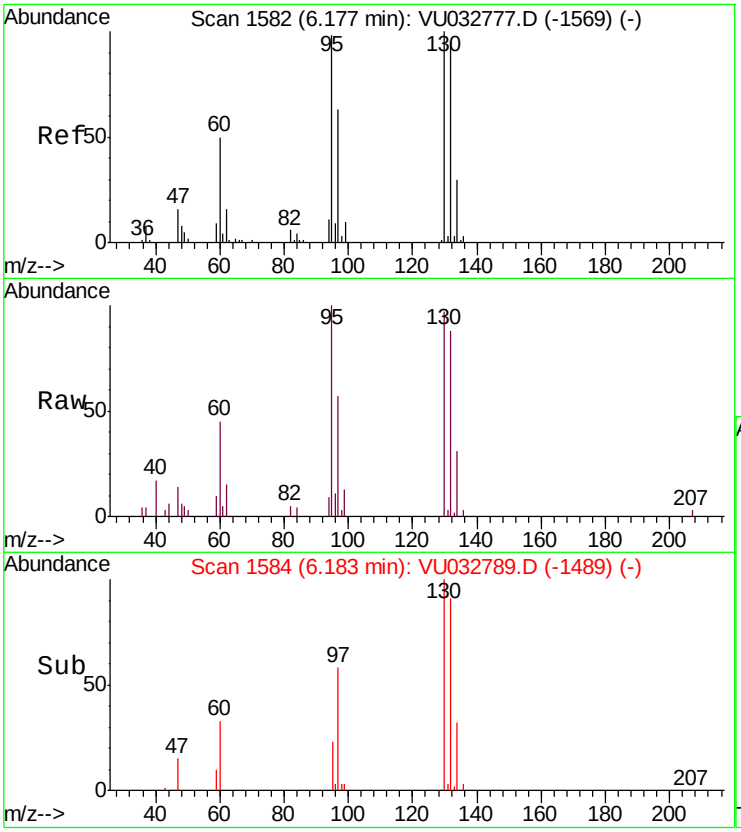


#22
2-Butanone
Concen: 3.425 ug/L
RT: 4.27 min Scan# 989
Delta R.T. 0.02 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Tgt Ion: 43 Resp: 6409

Ion	Ratio	Lower	Upper
43	100		
72	23.3	12.9	38.6



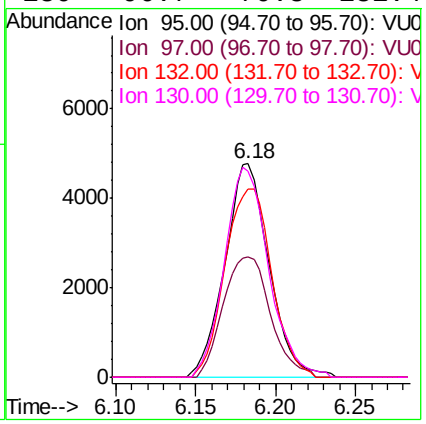


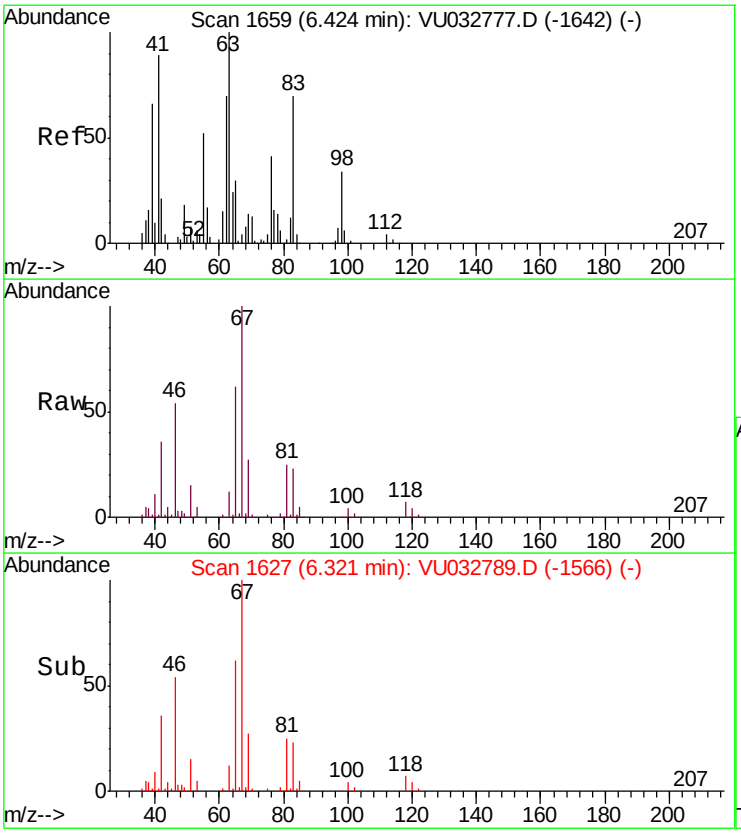
#34
Trichloroethene
Concen: 5.241 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
C0JT2

Tgt Ion: 95 Resp: 9016

Ion	Ratio	Lower	Upper
95	100		
97	56.5	45.9	85.3
132	88.1	68.5	127.3
130	96.7	70.8	131.4

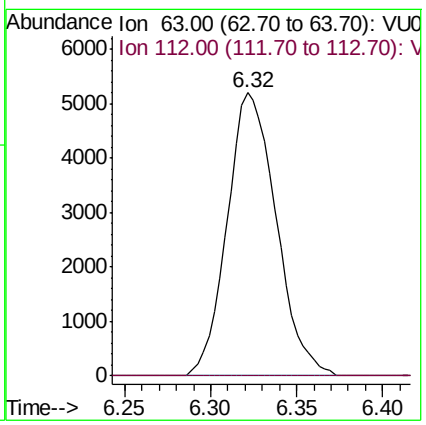


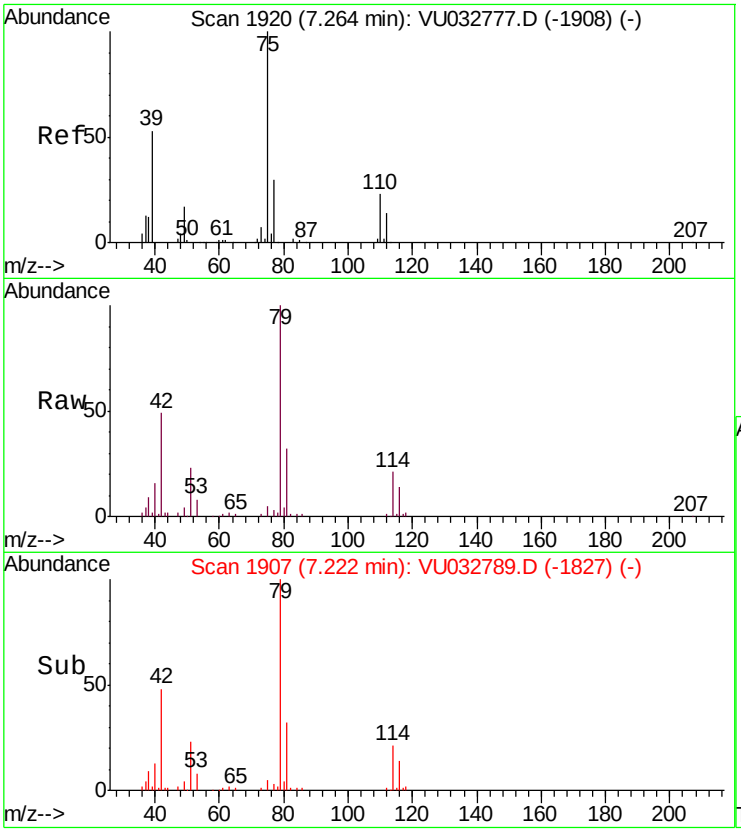


#37
1,2-Dichloropropane
Concen: 5.832 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Tgt Ion: 63 Resp: 10300

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



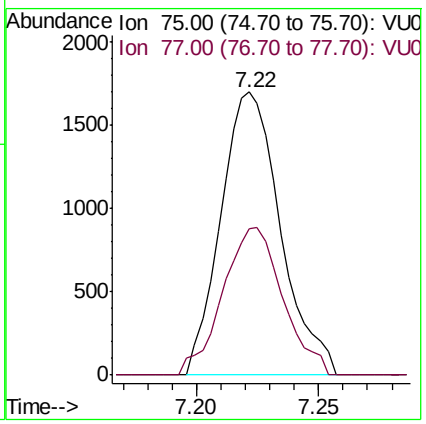


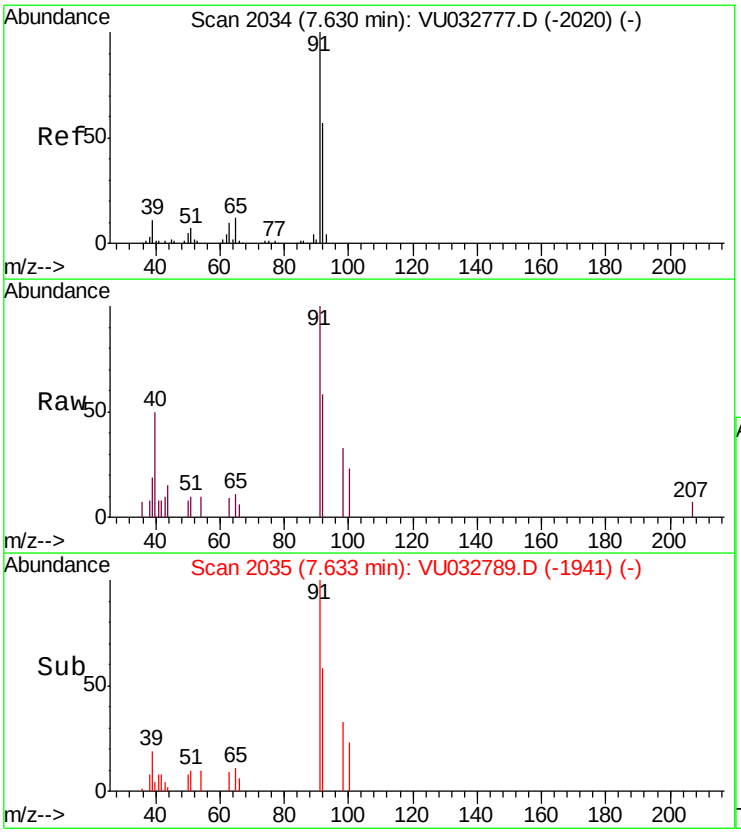
#39
cis-1,3-Dichloropropene
Concen: 1.047 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Instrument : MSVOA_U
ClientSampleId : C0JT2

Tgt Ion: 75 Resp: 2880

Ion	Ratio	Lower	Upper
75	100		
77	51.9	21.9	40.7#

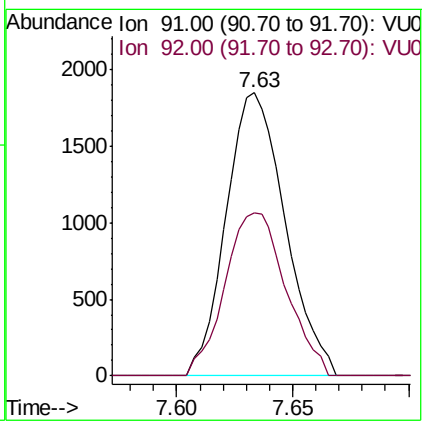


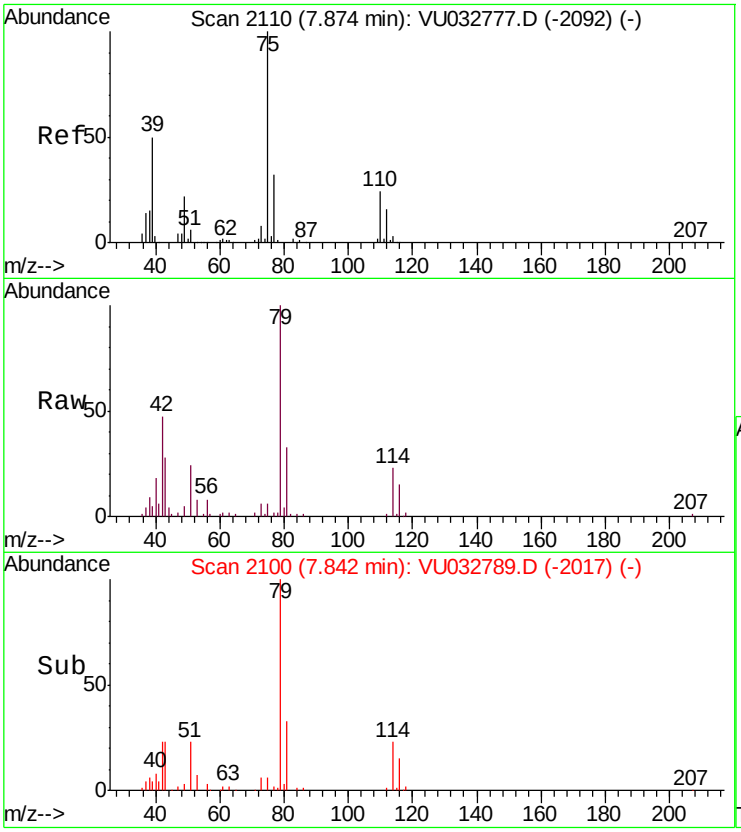


#42
Toluene
Concen: 0.470 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Tgt Ion: 91 Resp: 3275

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.4	75.0



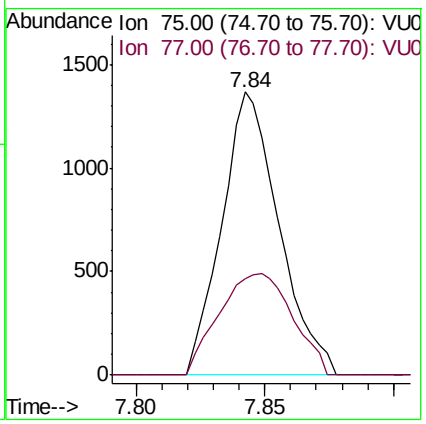


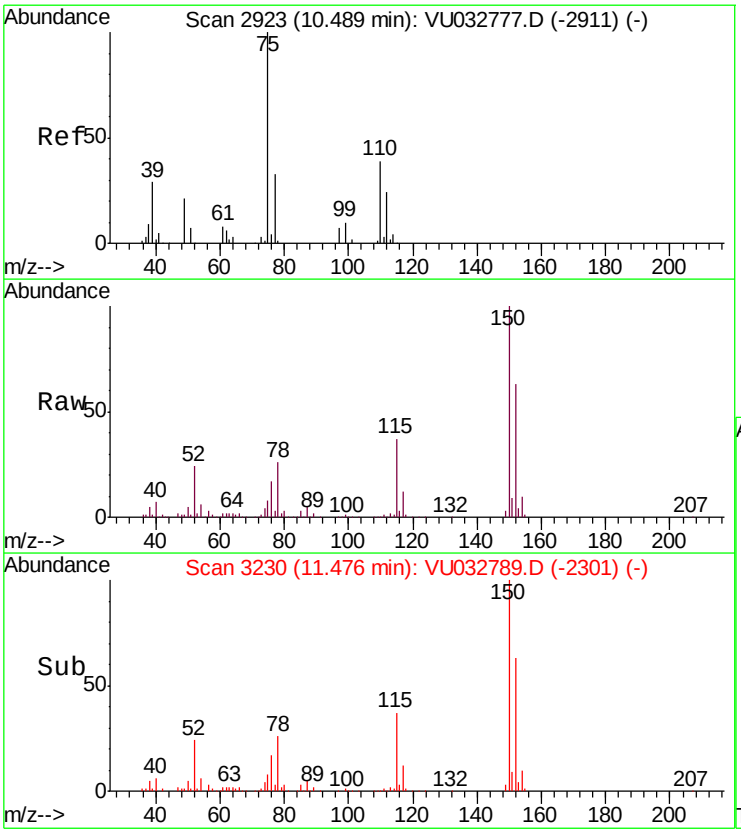
#44
trans-1,3-Dichloropropene
Concen: 0.818 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
C0JT2

Tgt Ion: 75 Resp: 2115

Ion	Ratio	Lower	Upper
75	100		
77	34.2	21.8	40.4





#59
1,2,3-Trichloropropane
Concen: 6.151 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032789.D
Acq: 17 Jun 2019 17:50

Tgt Ion: 75 Resp: 14497

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.5	38.3