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

Quantitation Report (Not Reviewed)

Data File : VU032791.D
Acq On : 17 Jun 2019 18:36
Operator : JC/SP
Sample : K3324-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JW6

Quant Time: Jun 18 02:44:25 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	224455	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221247	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110153	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	61521	40.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.22%			
7) Chloroethane-d5	1.68	69	54093	44.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.44%			
11) 1,1-Dichloroethene-d2	2.27	63	97030	31.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.80%			
21) 2-Butanone-d5	4.17	46	143557	112.44	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.44%			
24) Chloroform-d	4.64	84	136765	45.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.72%			
26) 1,2-Dichloroethane-d4	5.30	65	95855	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.52%			
32) Benzene-d6	5.33	84	261734	45.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.76%			
36) 1,2-Dichloropropane-d6	6.32	67	87590	47.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.34%			
41) Toluene-d8	7.56	98	238163	44.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.18%			
43) trans-1,3-Dichloropropene-	7.84	79	41816	43.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.50%			
47) 2-Hexanone-d5	8.31	63	107913	125.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 125.79%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	136842	48.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.36%			
64) 1,2-Dichlorobenzene-d4	11.85	152	103552	48.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.16%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	850	0.567	ug/L #	17
13) Acetone	2.31	43	13540	7.678	ug/L	98
15) Methyl Acetate	2.62	43	2075	1.038	ug/L #	88
16) Methylene chloride	2.70	84	4417	2.663	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	2553	1.529	ug/L	83
27) 1,2-Dichloroethane	5.33	62	1702	0.688	ug/L #	77
34) Trichloroethene	6.18	95	3233	1.898	ug/L	88
37) 1,2-Dichloropropane	6.32	63	10383	5.939	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3188	1.170	ug/L	87
40) 4-Methyl-2-pentanone	7.41	43	60093	21.529	ug/L #	53
42) Toluene	7.63	91	2786	0.404	ug/L	87
44) trans-1,3-Dichloropropene	7.84	75	2054	0.803	ug/L #	79
46) Tetrachloroethene	8.22	164	14232	10.199	ug/L	95
49) Dibromochloromethane	8.22	129	12783	6.516	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	13818	5.922	ug/L #	85

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

Quantitation Report (Not Reviewed)

Data File : VU032791.D
Acq On : 17 Jun 2019 18:36
Operator : JC/SP
Sample : K3324-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JW6

Quant Time: Jun 18 02:44:25 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)

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

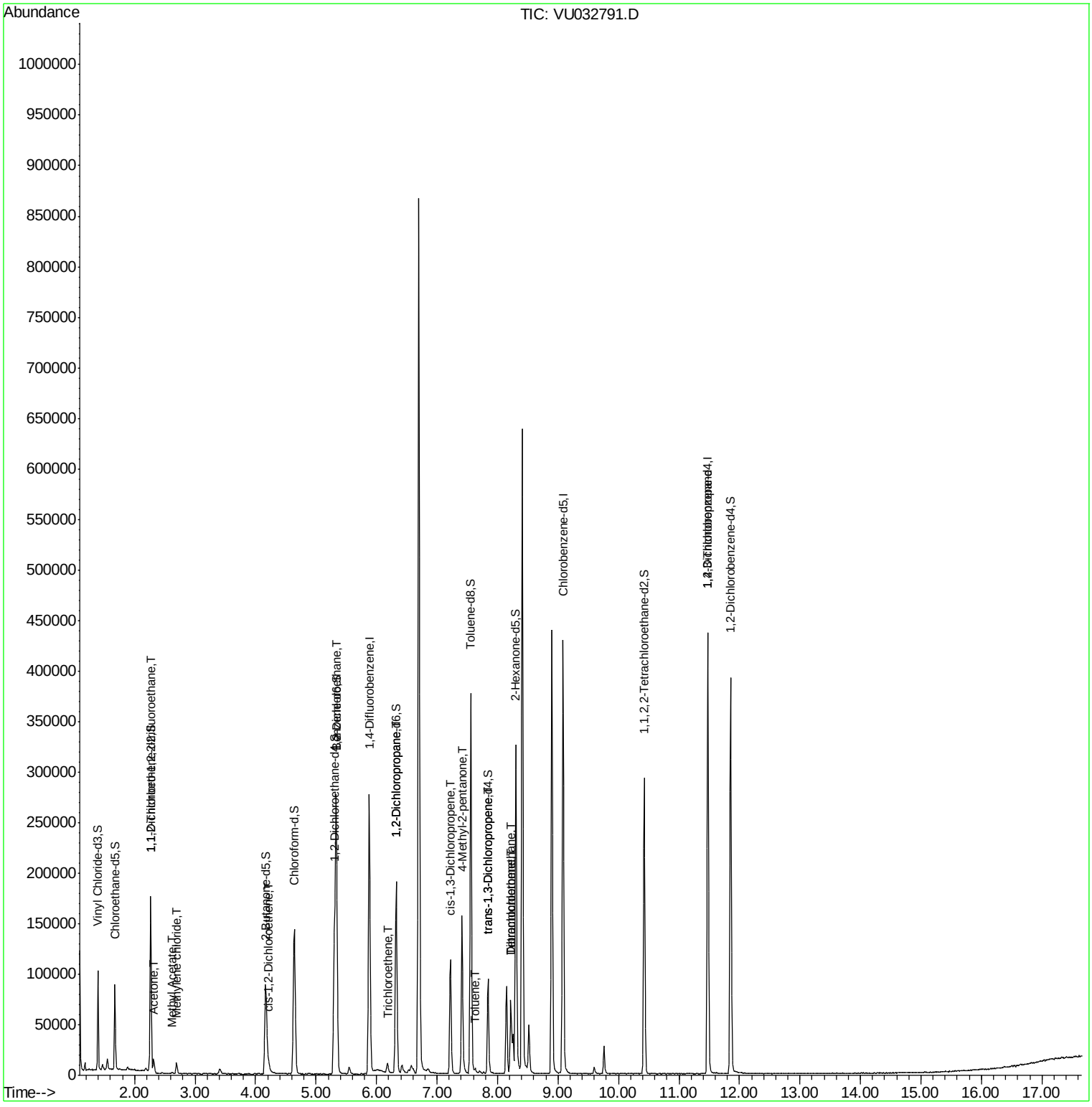
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061719\

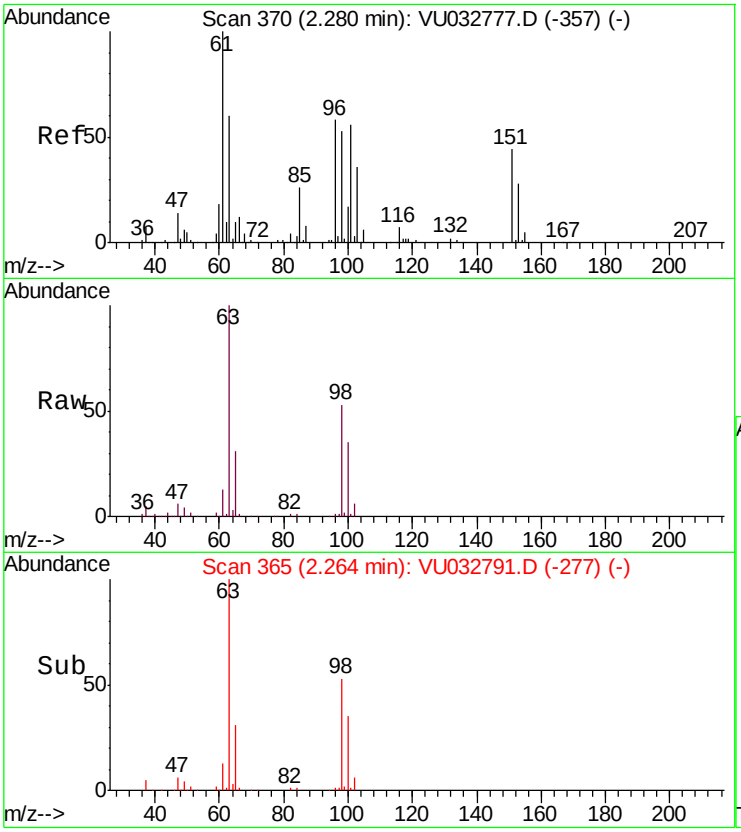
Quantitation Report (Not Reviewed)

Data File : VU032791.D
Acq On : 17 Jun 2019 18:36
Operator : JC/SP
Sample : K3324-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JW6

Quant Time: Jun 18 02:44:25 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



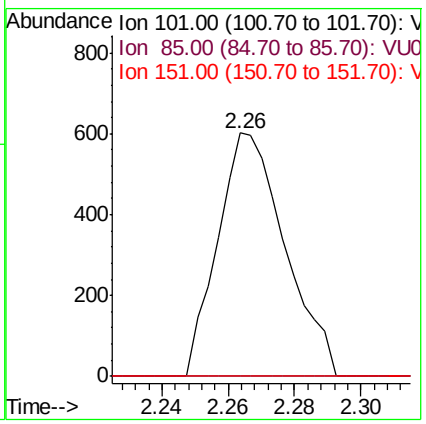


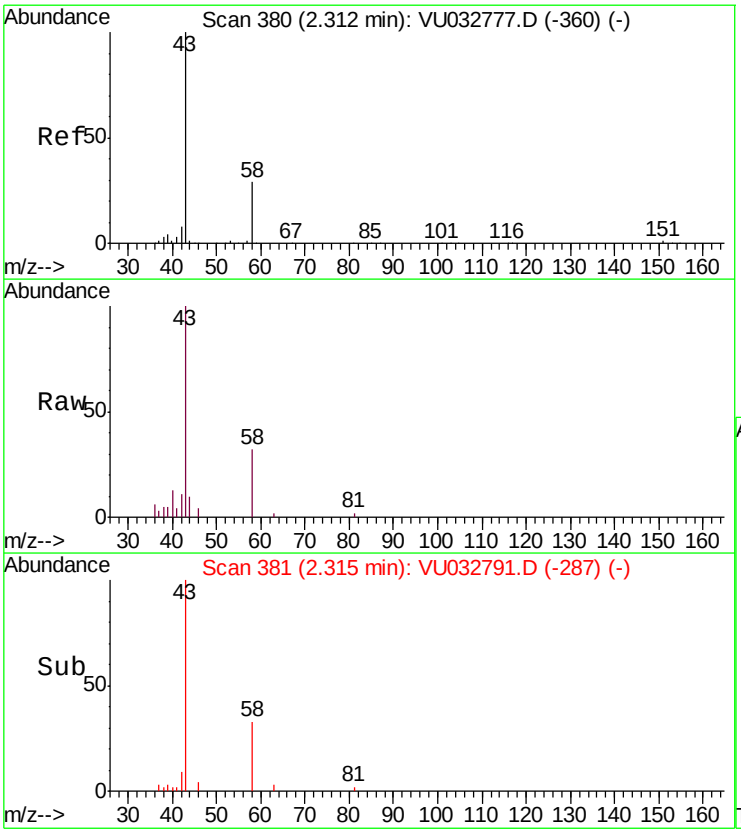
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.567 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Instrument : MSVOA_U
ClientSampleId : C0JW6

Tgt Ion:101 Resp: 850

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#

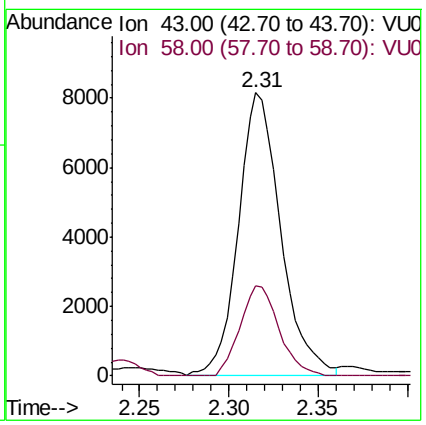


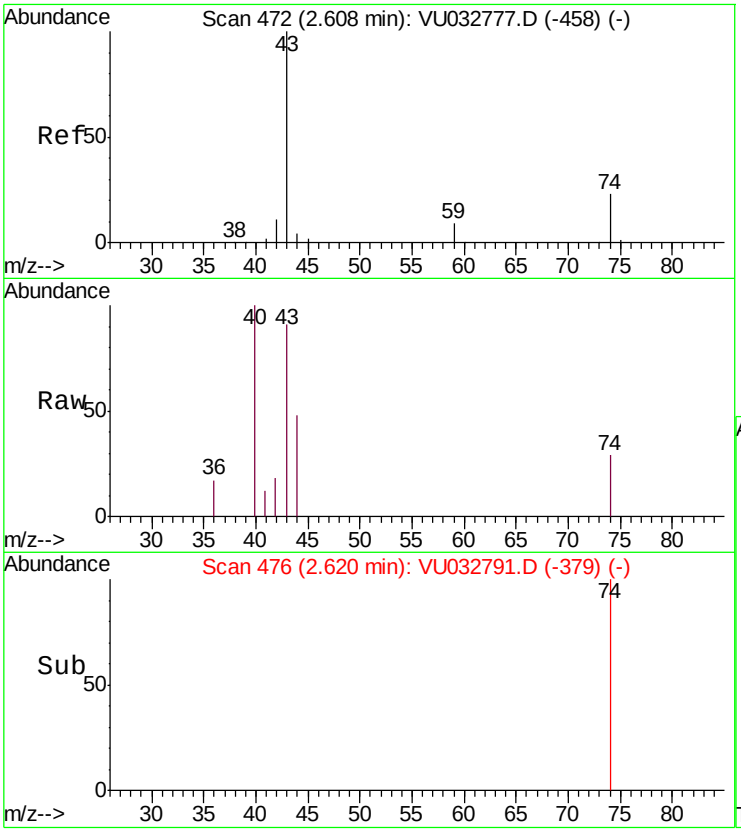


#13
Acetone
Concen: 7.678 ug/L
RT: 2.31 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Tgt Ion: 43 Resp: 13540

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	60.6



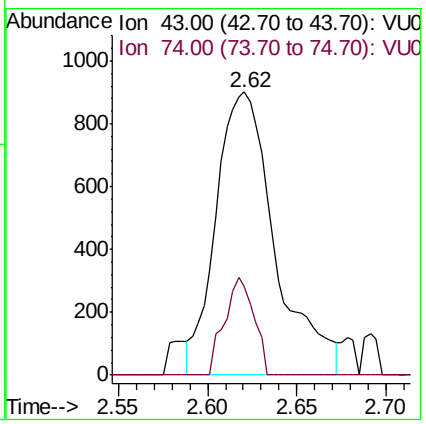


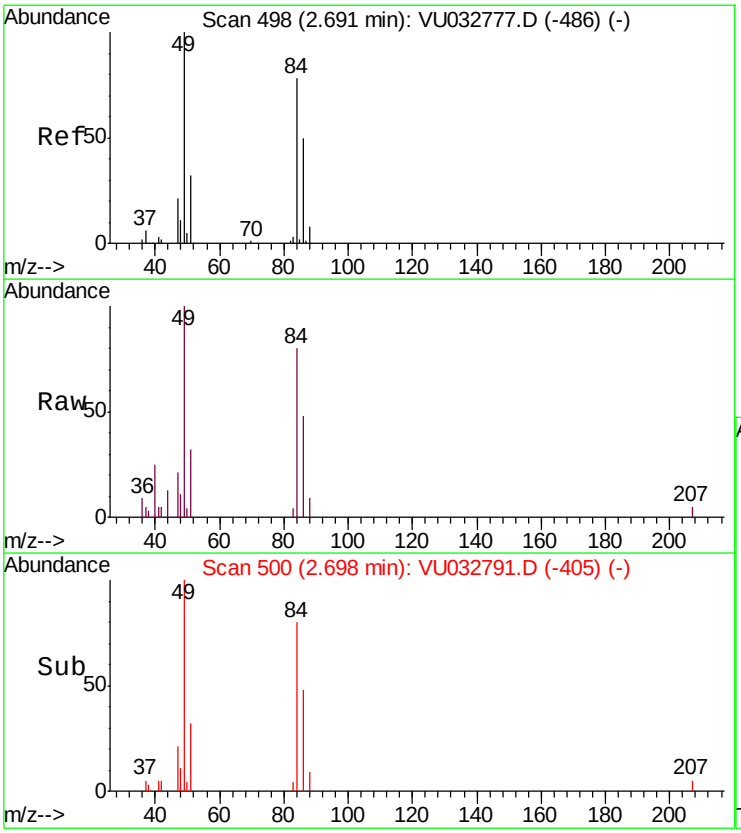
#15
Methyl Acetate
Concen: 1.038 ug/L
RT: 2.62 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Instrument : MSVOA_U
ClientSampleId : C0JW6

Tgt Ion: 43 Resp: 2075

Ion	Ratio	Lower	Upper
43	100		
74	17.0	18.1	27.1#

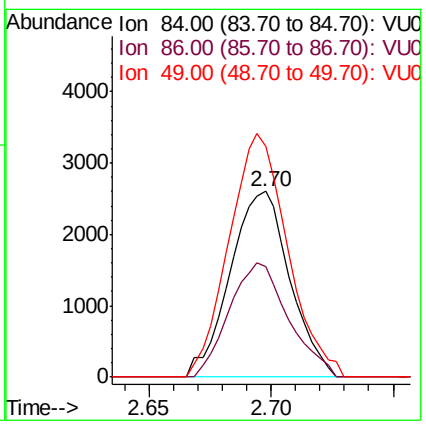


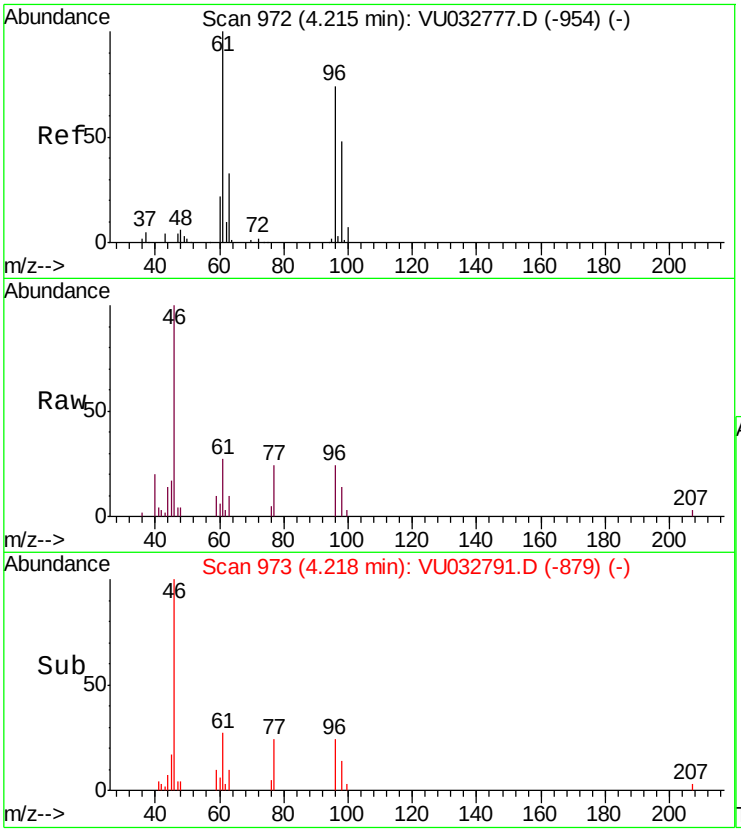


#16
Methylene chloride
Concen: 2.663 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.01 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Tgt Ion: 84 Resp: 4417

Ion	Ratio	Lower	Upper
84	100		
86	59.1	45.5	84.5
49	124.4	92.1	171.1



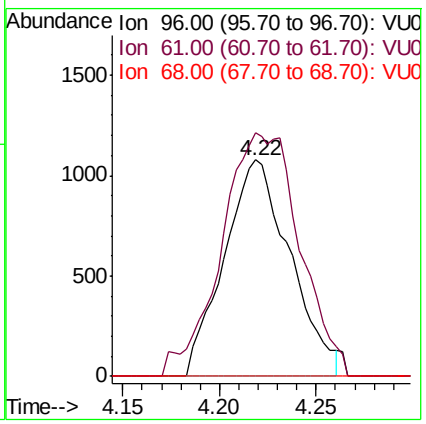


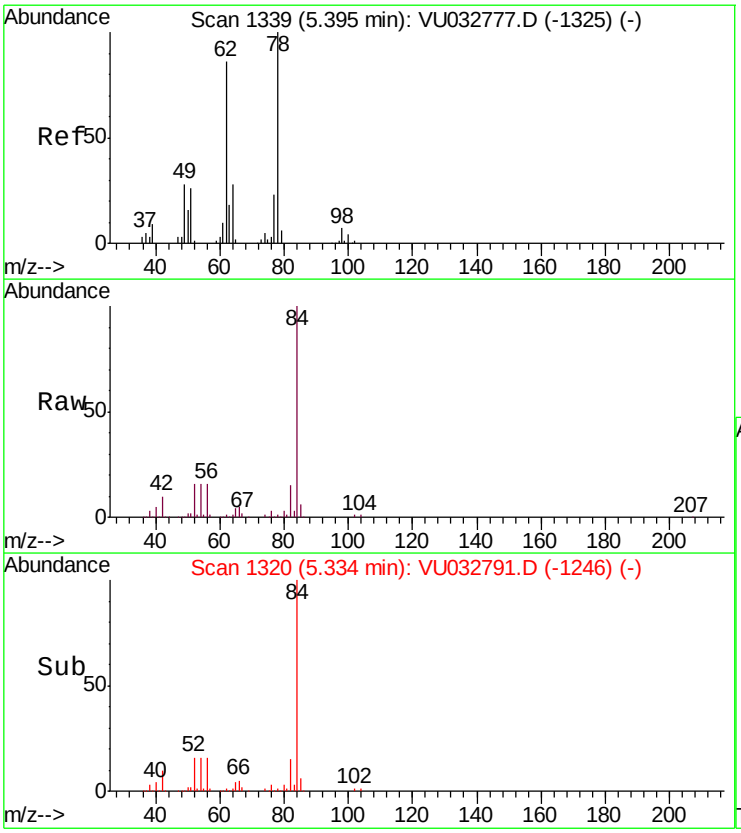
#20
cis-1,2-Dichloroethene
Concen: 1.529 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Instrument :
MSVOA_U
ClientSampleId :
C0JW6

Tgt Ion: 96 Resp: 2553

Ion	Ratio	Lower	Upper
96	100		
61	112.5	92.4	171.6
68	0.0	0.0	0.0

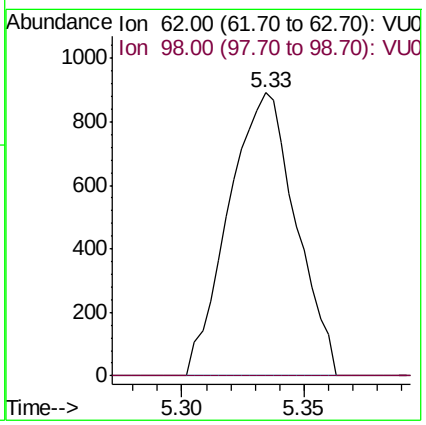


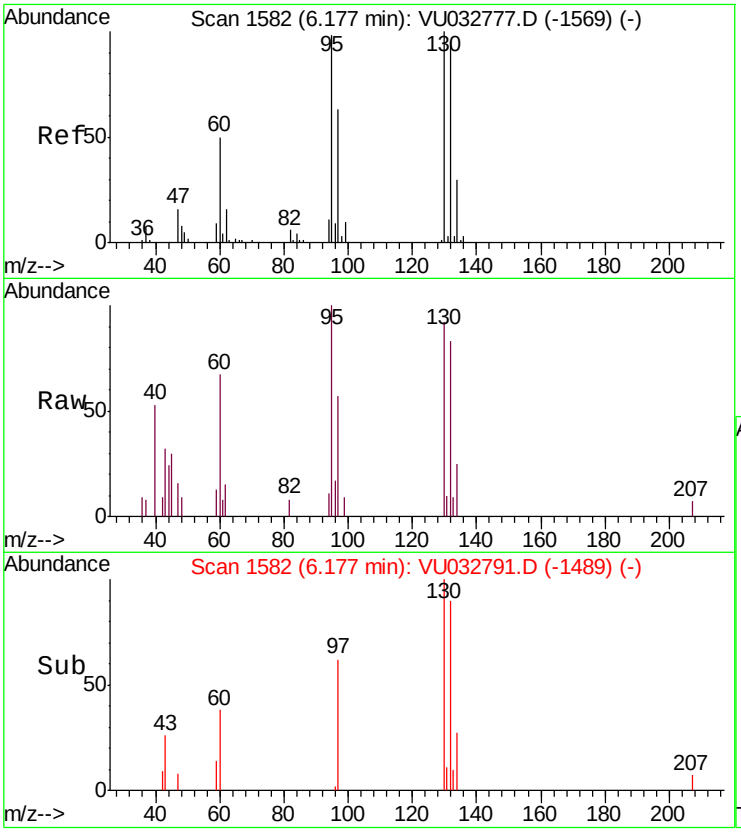


#27
1,2-Dichloroethane
Concen: 0.688 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Tgt Ion: 62 Resp: 1702

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



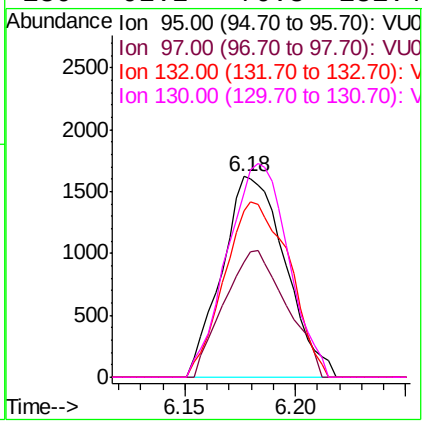


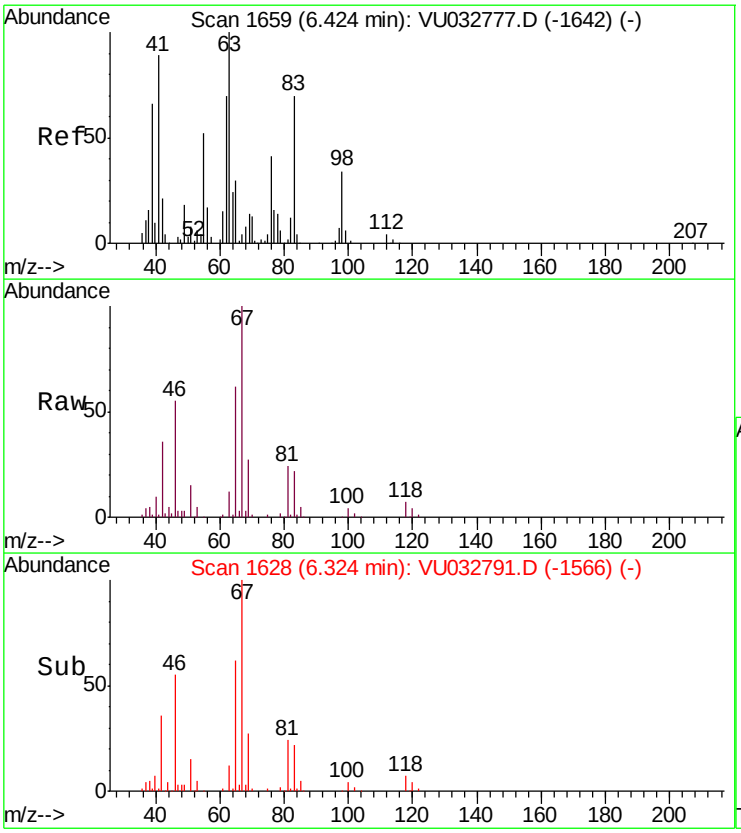
#34
Trichloroethene
Concen: 1.898 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Instrument :
MSVOA_U
ClientSampleId :
C0JW6

Tgt Ion: 95 Resp: 3233

Ion	Ratio	Lower	Upper
95	100		
97	57.2	45.9	85.3
132	83.1	68.5	127.3
130	92.2	70.8	131.4

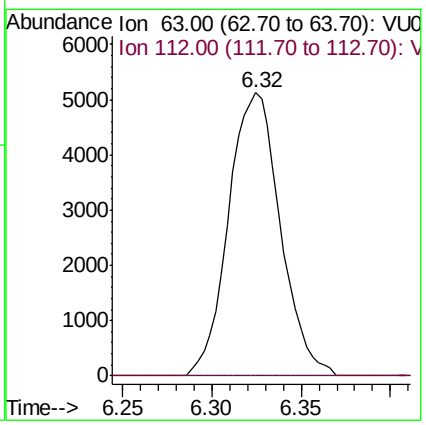


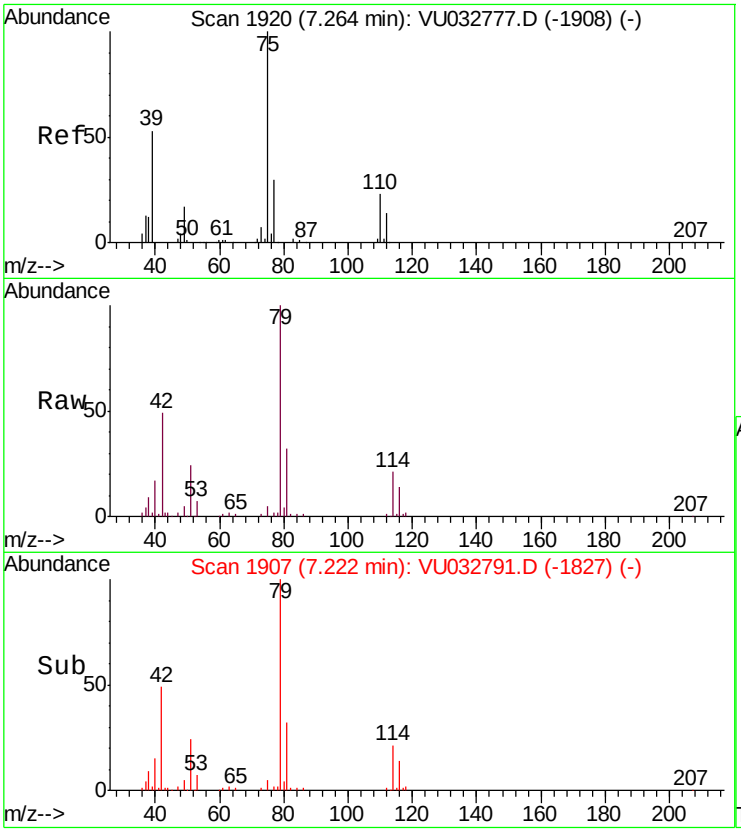


#37
1,2-Dichloropropane
Concen: 5.939 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Tgt Ion: 63 Resp: 10383

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



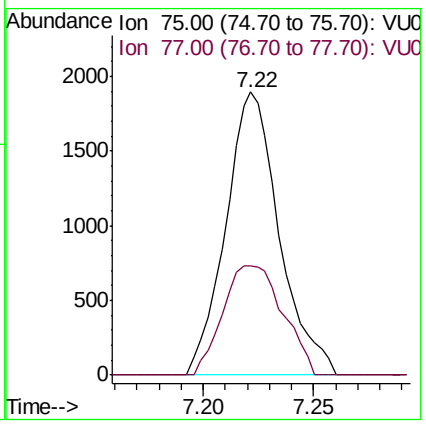


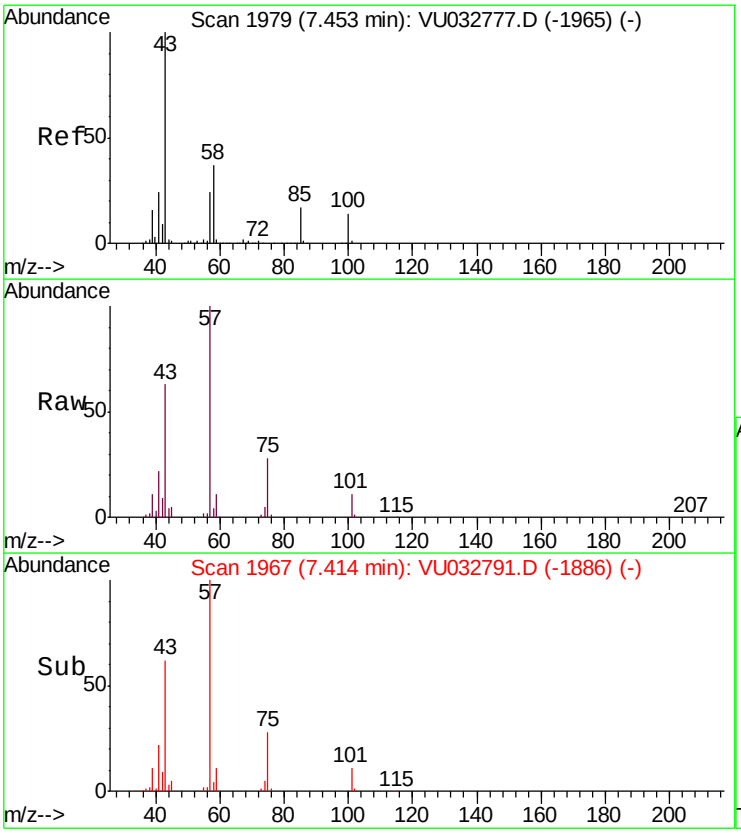
#39
cis-1,3-Dichloropropene
Concen: 1.170 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Instrument :
MSVOA_U
ClientSampleId :
C0JW6

Tgt Ion: 75 Resp: 3188

Ion	Ratio	Lower	Upper
75	100		
77	38.7	21.9	40.7

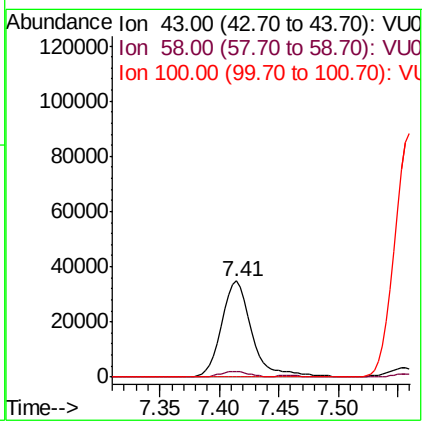


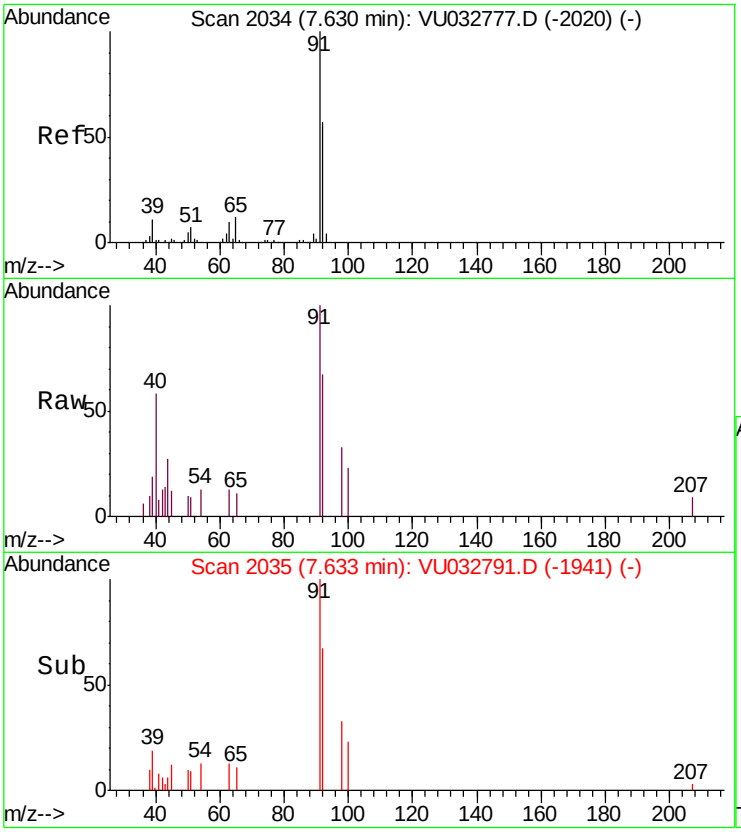


#40
4-Methyl-2-pentanone
Concen: 21.529 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Tgt Ion: 43 Resp: 60093

Ion	Ratio	Lower	Upper
43	100		
58	5.8	29.4	44.2#
100	0.0	11.2	16.8#



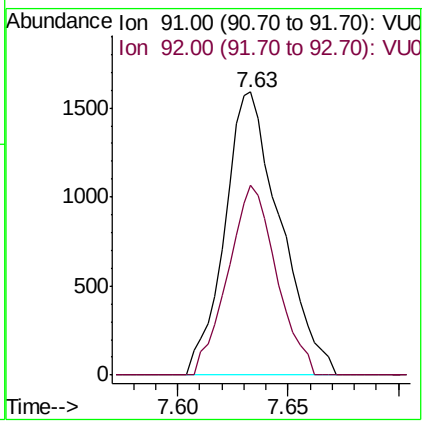


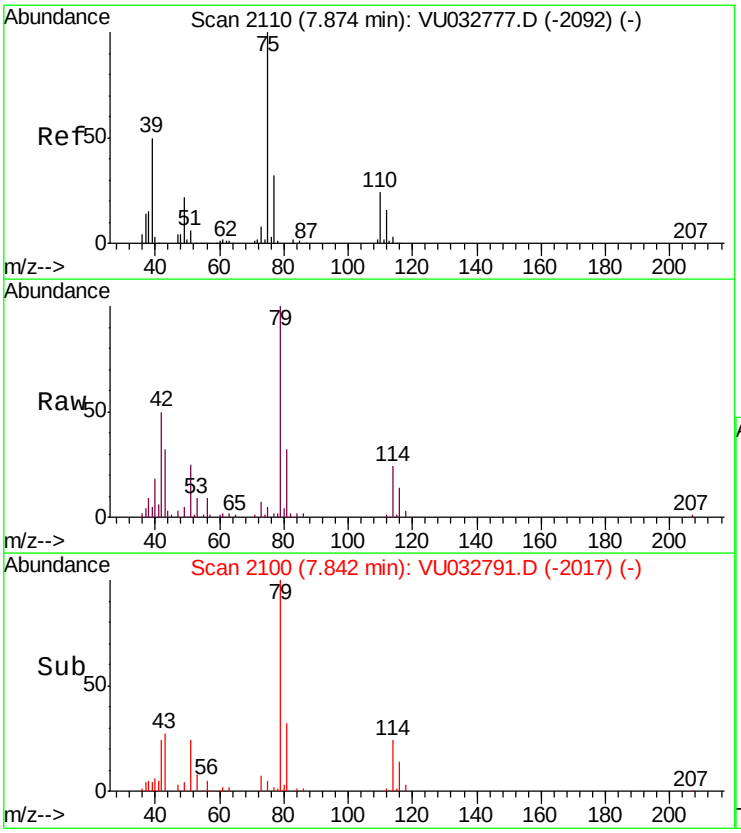
#42
Toluene
Concen: 0.404 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Instrument : MSVOA_U
ClientSampleId : C0JW6

Tgt Ion: 91 Resp: 2786

Ion	Ratio	Lower	Upper
91	100		
92	67.0	40.4	75.0

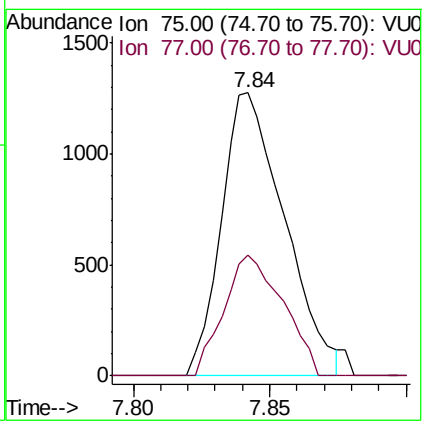


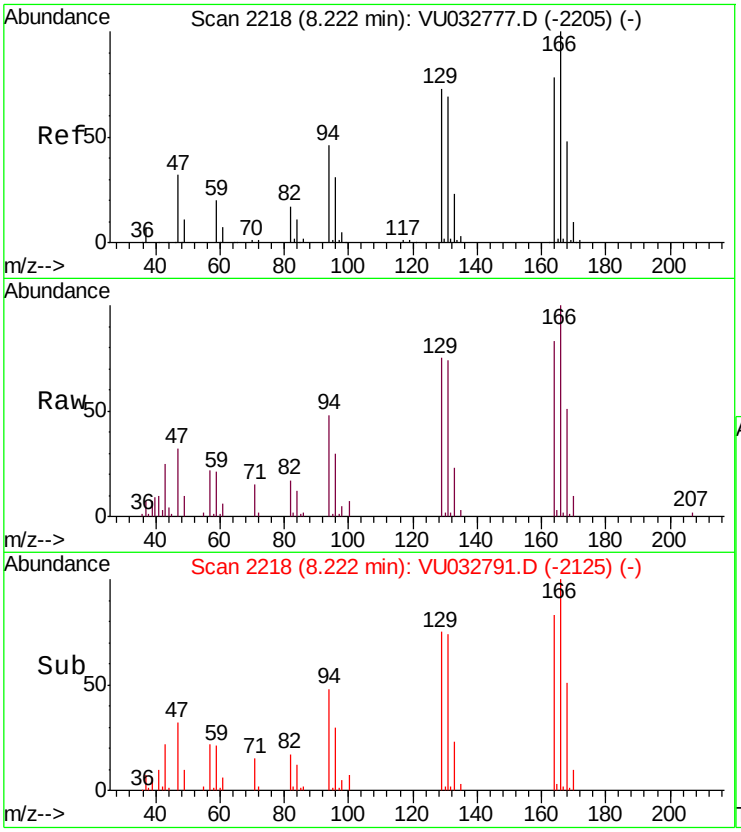


#44
trans-1,3-Dichloropropene
Concen: 0.803 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Tgt Ion: 75 Resp: 2054

Ion	Ratio	Lower	Upper
75	100		
77	42.8	21.8	40.4#



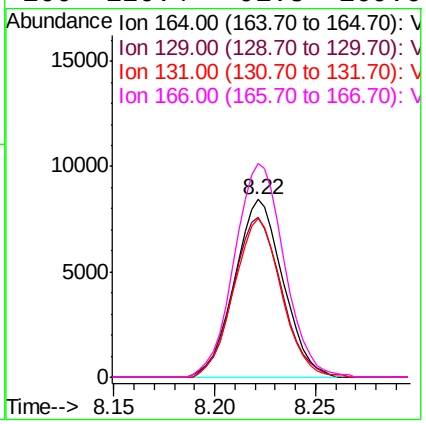


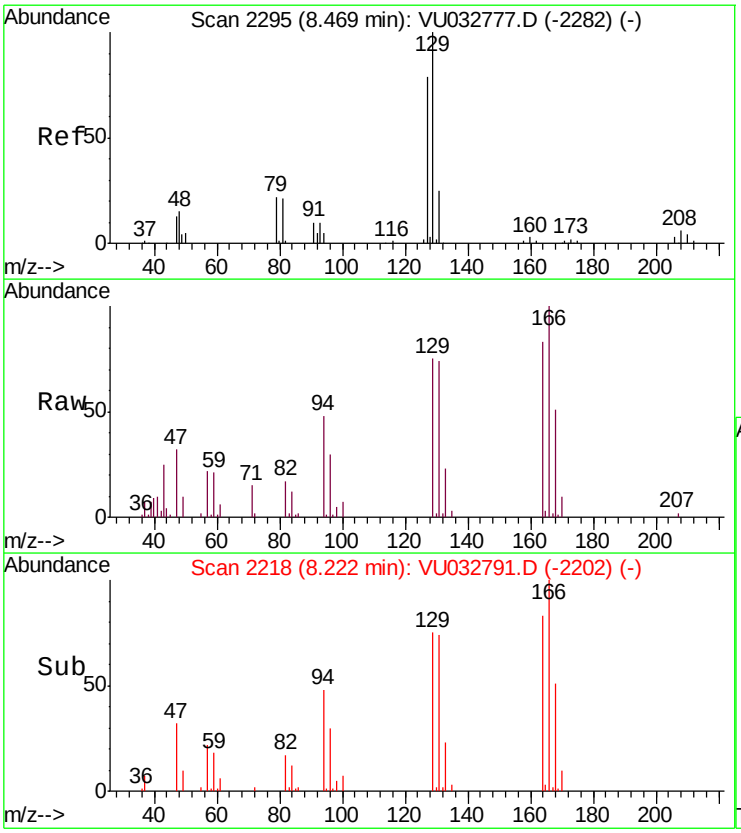
#46
Tetrachloroethene
Concen: 10.199 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Instrument : MSVOA_U
ClientSampleId : C0JW6

Tgt Ion:164 Resp: 14232

Ion	Ratio	Lower	Upper
164	100		
129	90.0	64.8	120.3
131	89.3	64.5	119.7
166	120.4	91.3	169.6

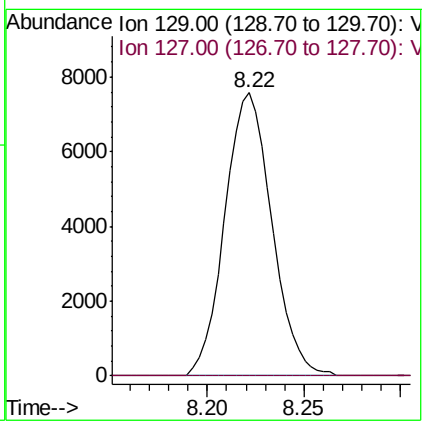


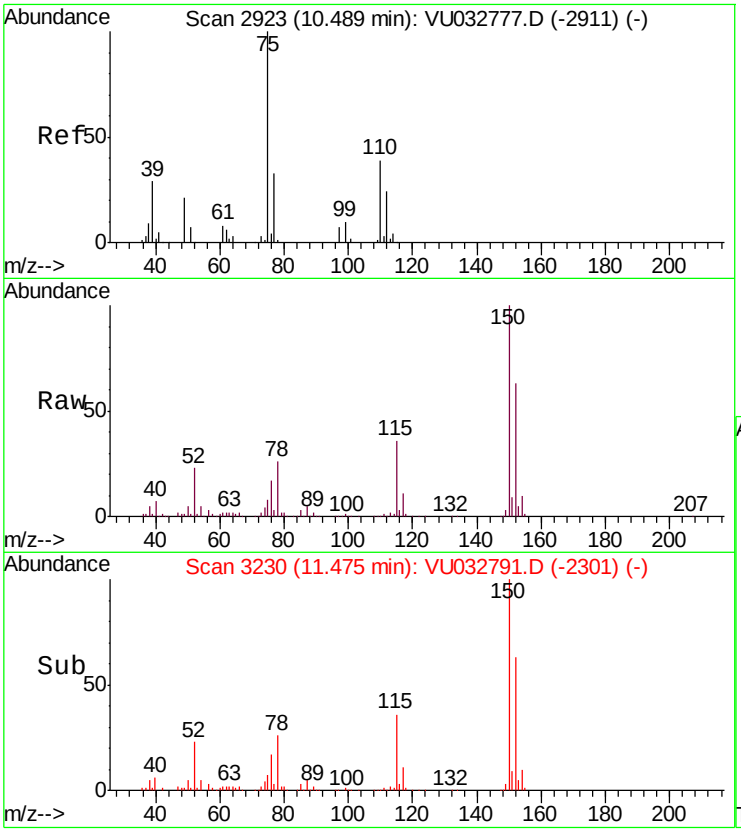


#49
Dibromochloromethane
Concen: 6.516 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Tgt Ion:129 Resp: 12783

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
1,2,3-Trichloropropane
Concen: 5.922 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032791.D
Acq: 17 Jun 2019 18:36

Instrument :
MSVOA_U
ClientSampleId :
C0JW6

Tgt Ion: 75 Resp: 13818

Ion	Ratio	Lower	Upper
75	100		
77	40.0	25.5	38.3#