Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081718\
Data File : VU026193.D
Acq On : 17 Aug 2018 21:01
Operator : MD/SY
Sample : J4515-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 18 01:30:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 01:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	123773	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	125749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	54939	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	36169	5.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.60%			
7) Chloroethane-d5	1.68	69	29242	5.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.00%			
11) 1,1-Dichloroethene-d2	2.28	63	54497	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	4.20	46	117732	63.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.16%			
24) Chloroform-d	4.65	84	82409	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.60%			
26) 1,2-Dichloroethane-d4	5.32	65	45966	5.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.80%			
32) Benzene-d6	5.34	84	153930	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
36) 1,2-Dichloropropane-d6	6.34	67	50486	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	7.57	98	132133	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	7.85	79	18849	5.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.40%			
46) 2-Hexanone-d5	8.32	63	91048	58.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.24%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	43170	5.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	56923	5.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.29	96	3005	0.418	ug/L #	1
13) Acetone	2.32	43	17504	14.161	ug/L	98
15) Methyl Acetate	2.62	43	17983	5.396	ug/L	94
16) Methylene chloride	2.70	84	13397	1.571	ug/L	96
21) 2-Butanone	4.29	43	3854	1.777	ug/L	81
29) 1,1,1-Trichloroethane	4.91	97	3702	0.227	ug/L	95
35) Methylcyclohexane	6.33	83	12610	0.866	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5917	0.603	ug/L #	95
40) 4-Methyl-2-pentanone	7.47	43	1742	0.330	ug/L #	86
42) Toluene	7.64	91	13398	0.348	ug/L	98
48) 2-Hexanone	8.37	43	3238	0.879	ug/L #	72
59) 1,2,3-Trichloropropane	11.49	75	6180	1.042	ug/L	99

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

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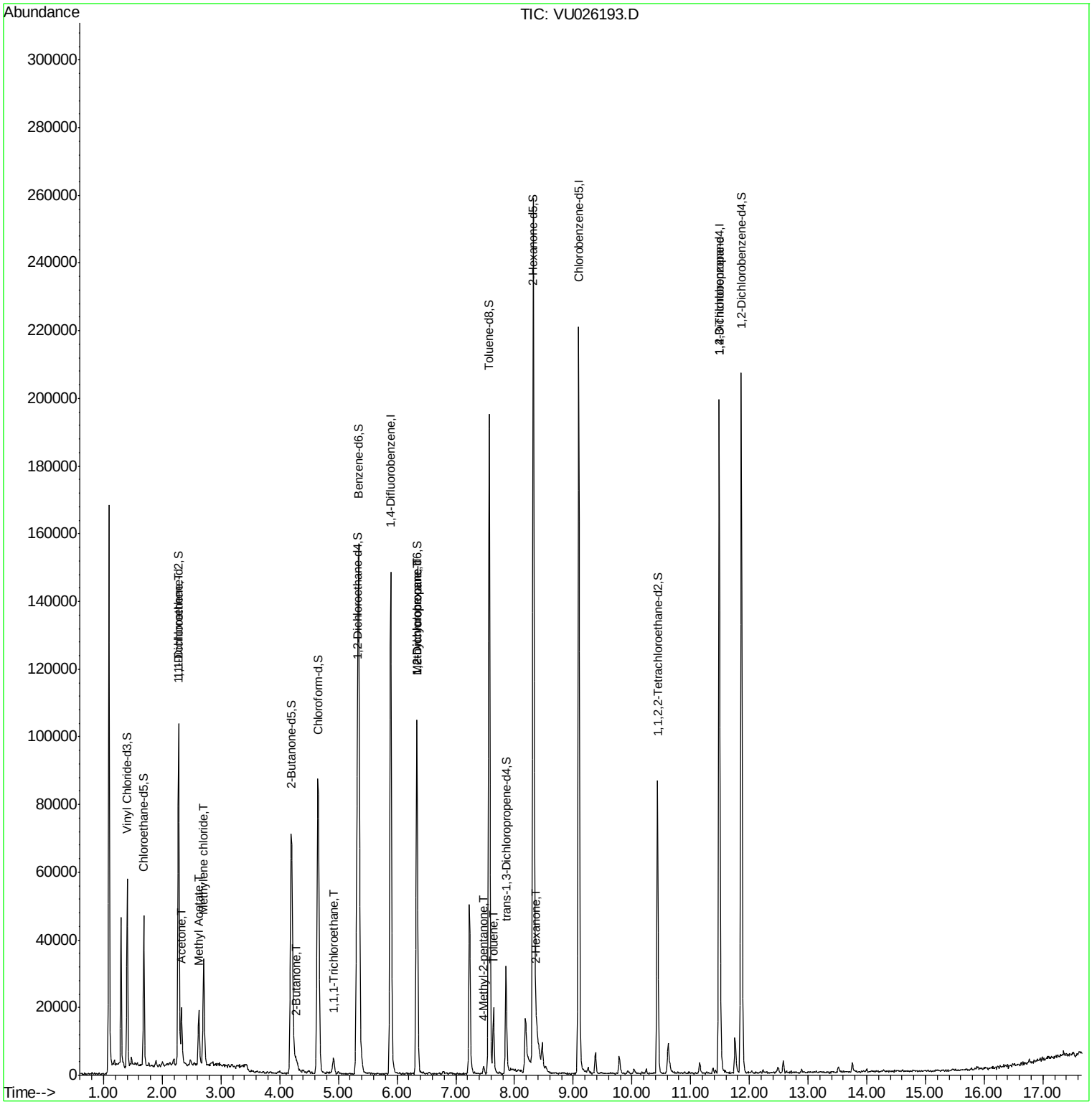
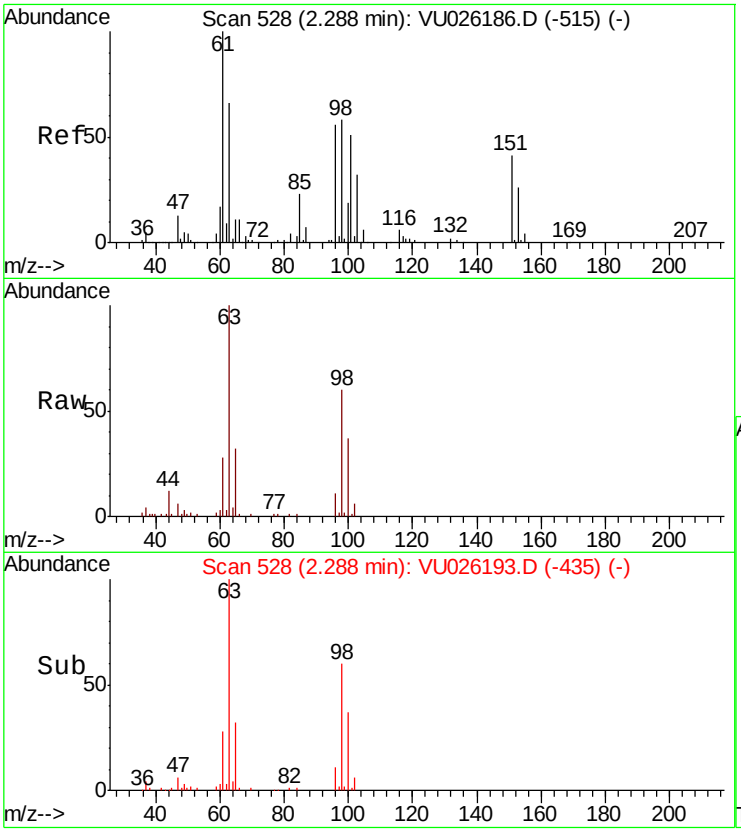
ClientSampleId :

Quant Time: Aug 18 01:30:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 01:29:07 2018
Response via : Initial Calibration



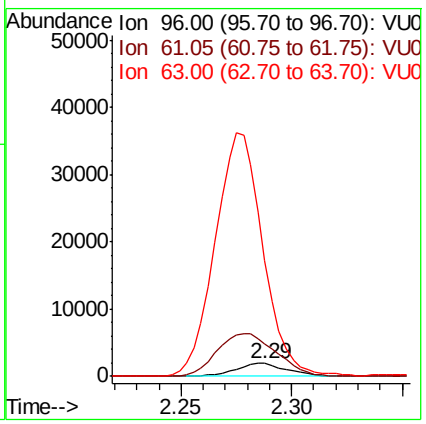


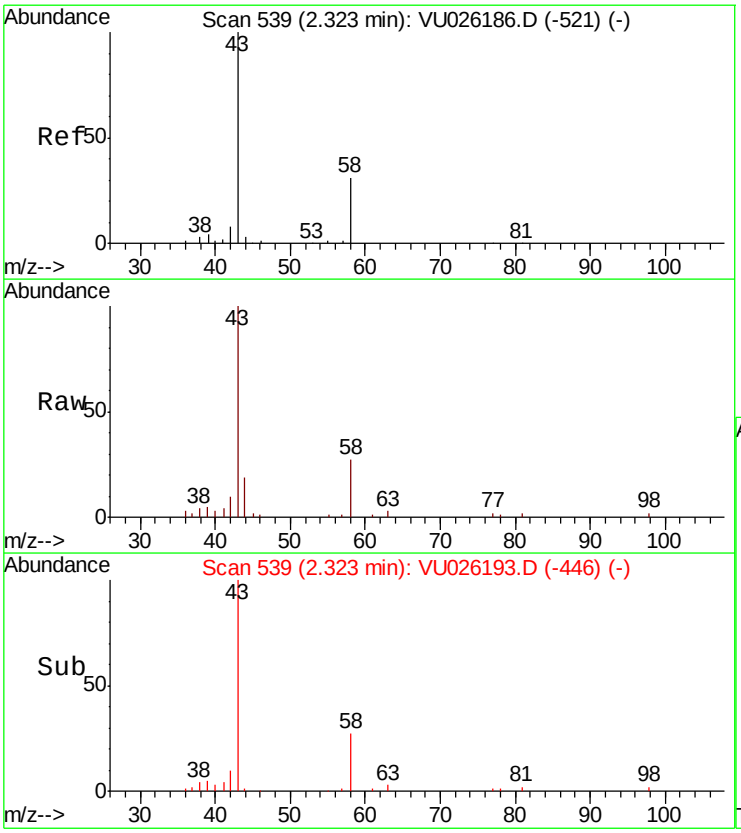
#12
1,1-Dichloroethene
Concen: 0.418 ug/L
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 3005

Ion	Ratio	Lower	Upper
96	100		
61	252.9	125.3	232.7#
63	912.0	90.9	168.9#

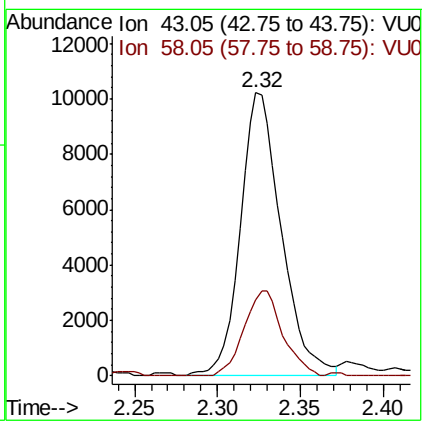


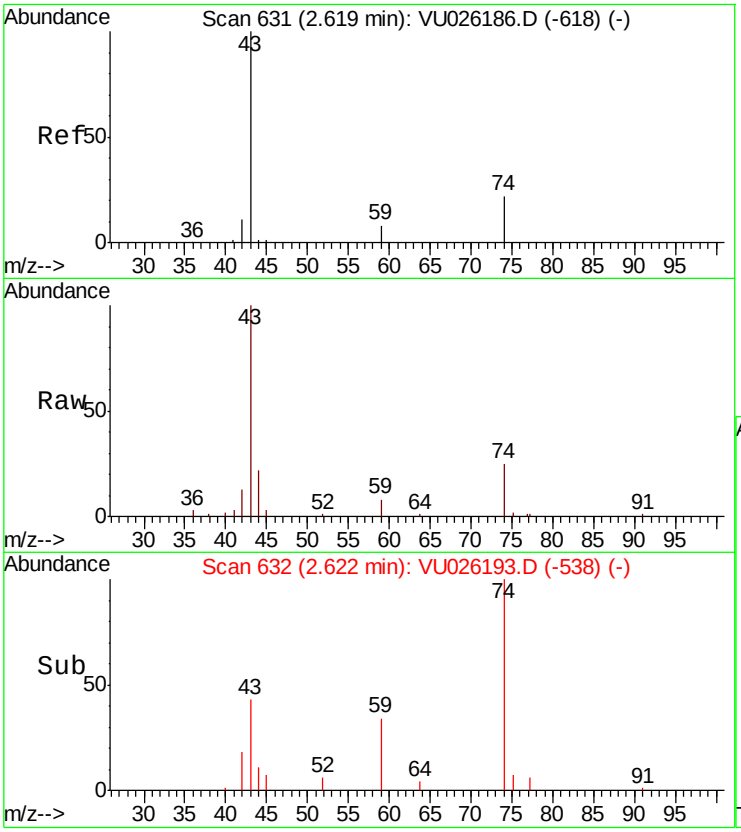


#13
Acetone
Concen: 14.161 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Tgt Ion: 43 Resp: 17504

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	59.0



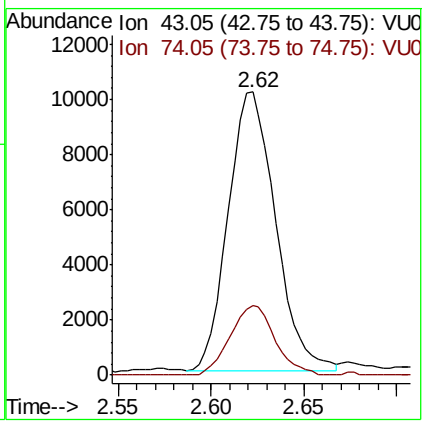


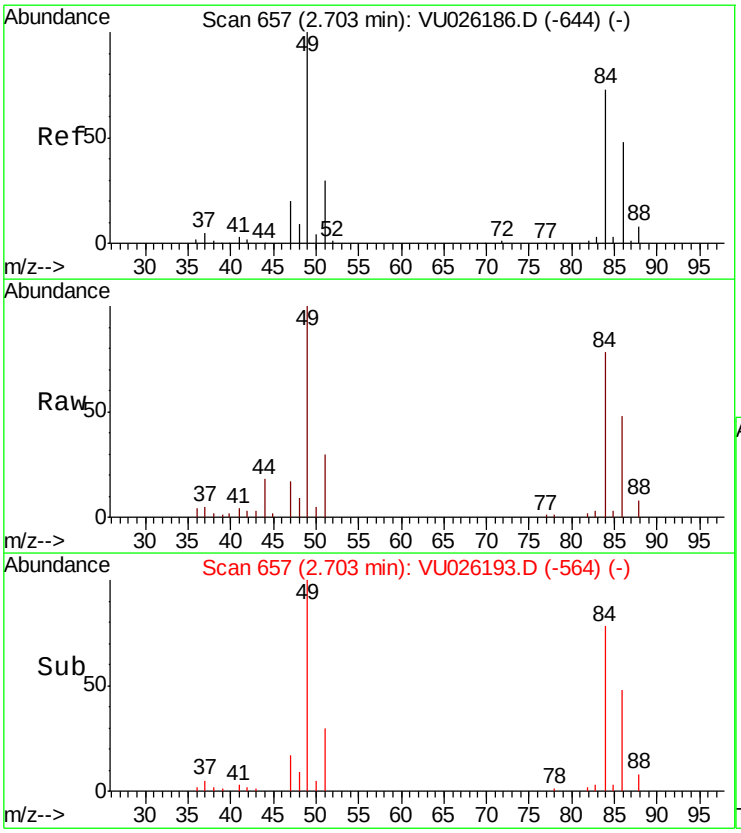
#15
Methyl Acetate
Concen: 5.396 ug/L
RT: 2.62 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 17983

Ion	Ratio	Lower	Upper
43	100		
74	23.6	16.6	24.8

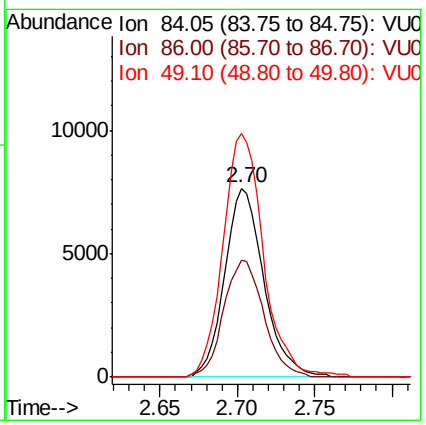


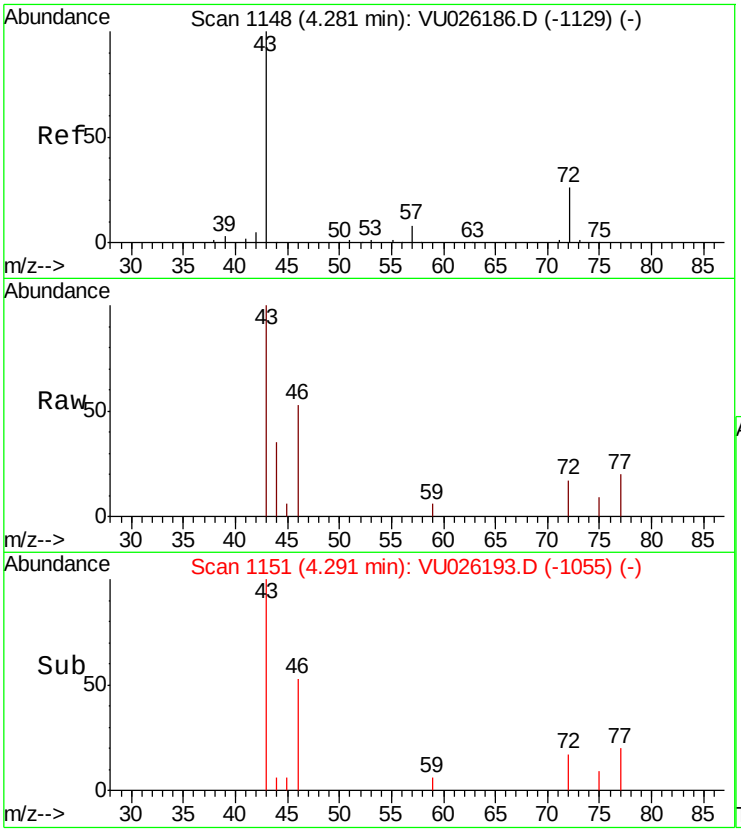


#16
Methylene chloride
Concen: 1.571 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Tgt Ion: 84 Resp: 13397

Ion	Ratio	Lower	Upper
84	100		
86	61.8	48.6	90.2
49	129.0	89.0	165.4



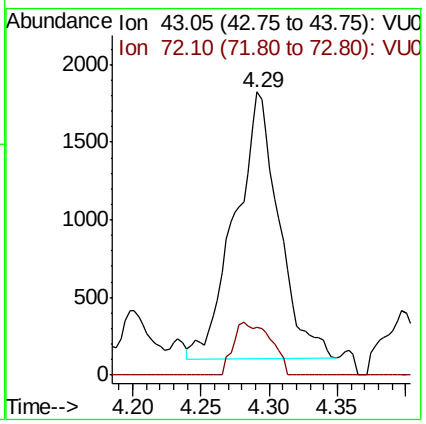


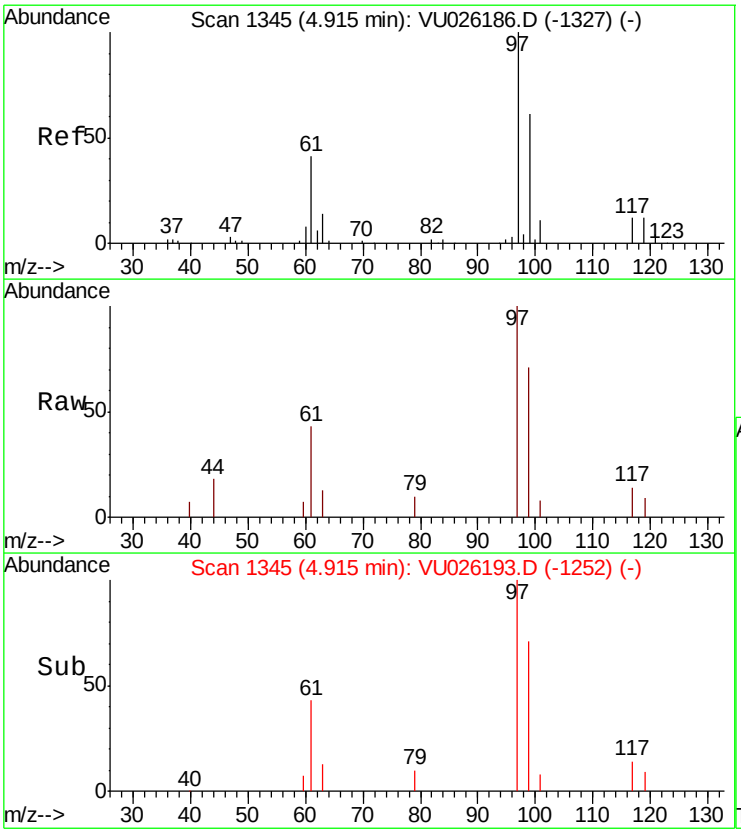
#21
2-Butanone
Concen: 1.777 ug/L
RT: 4.29 min Scan# 1151
Delta R.T. 0.01 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3854

Ion	Ratio	Lower	Upper
43	100		
72	16.8	13.3	39.9

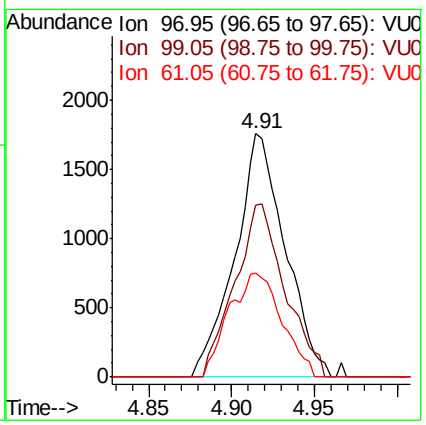


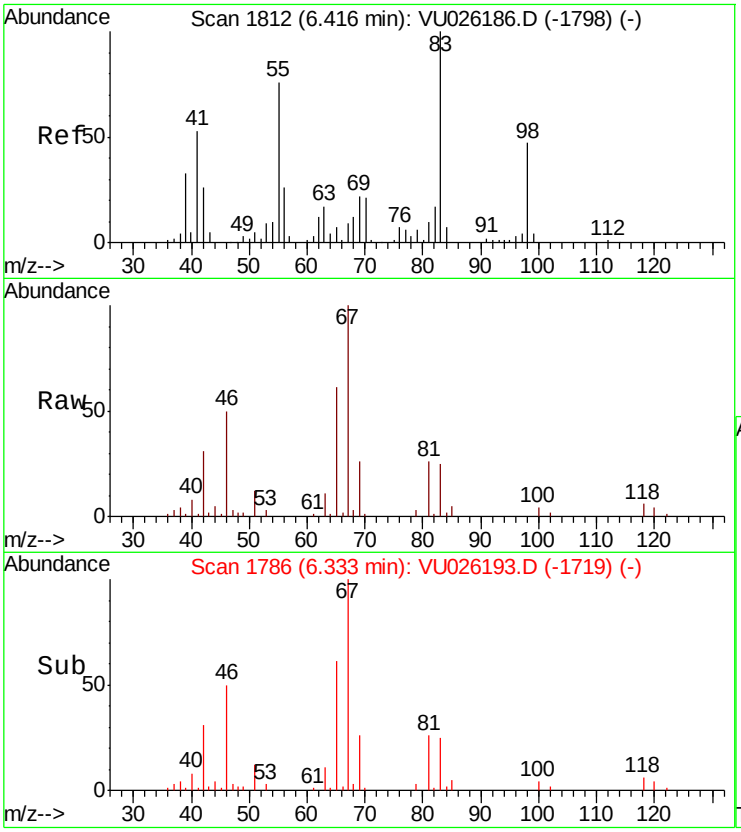


#29
1,1,1-Trichloroethane
Concen: 0.227 ug/L
RT: 4.91 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Tgt Ion: 97 Resp: 3702

Ion	Ratio	Lower	Upper
97	100		
99	70.7	52.3	78.5
61	44.8	35.0	52.6



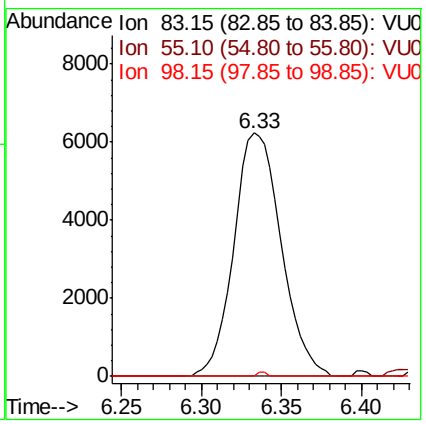


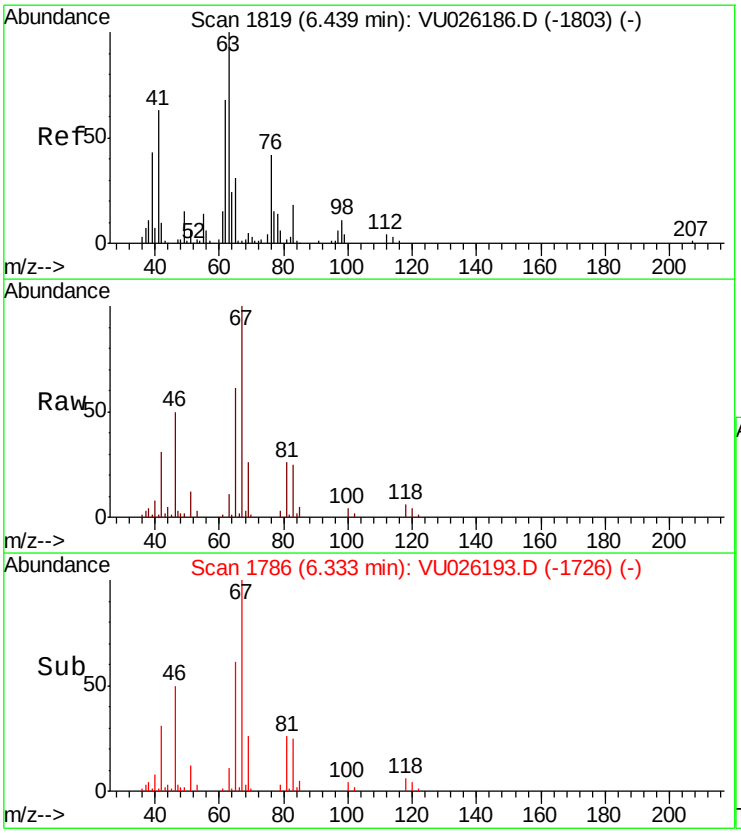
#35
Methylcyclohexane
Concen: 0.866 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 12610

Ion	Ratio	Lower	Upper
83	100		
55	1.3	65.0	97.4#
98	0.4	37.8	56.6#

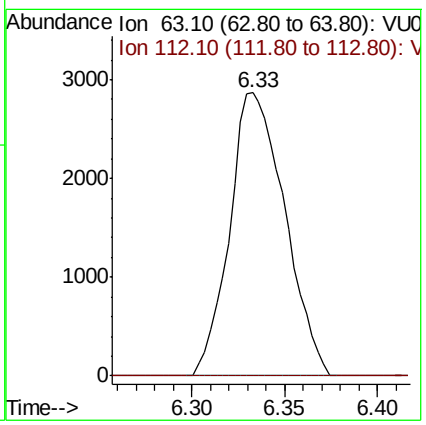


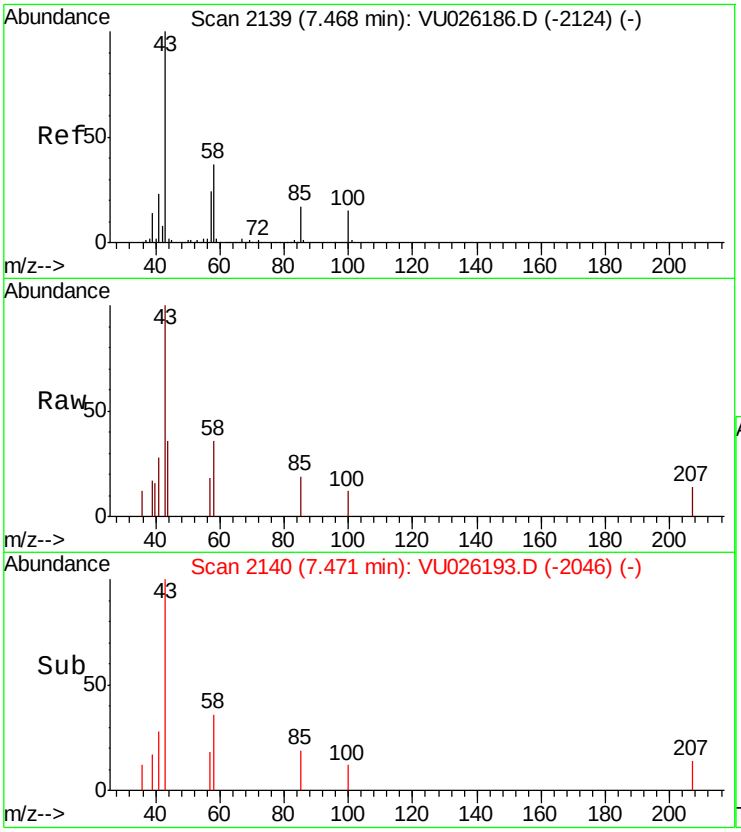


#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.11 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Tgt Ion: 63 Resp: 5917

Ion	Ratio	Lower	Upper
63	100		
112	0.0	1.4	2.2#



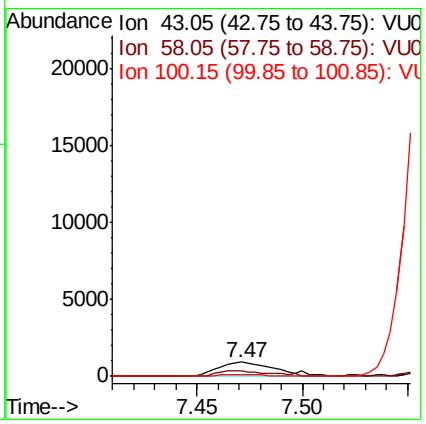


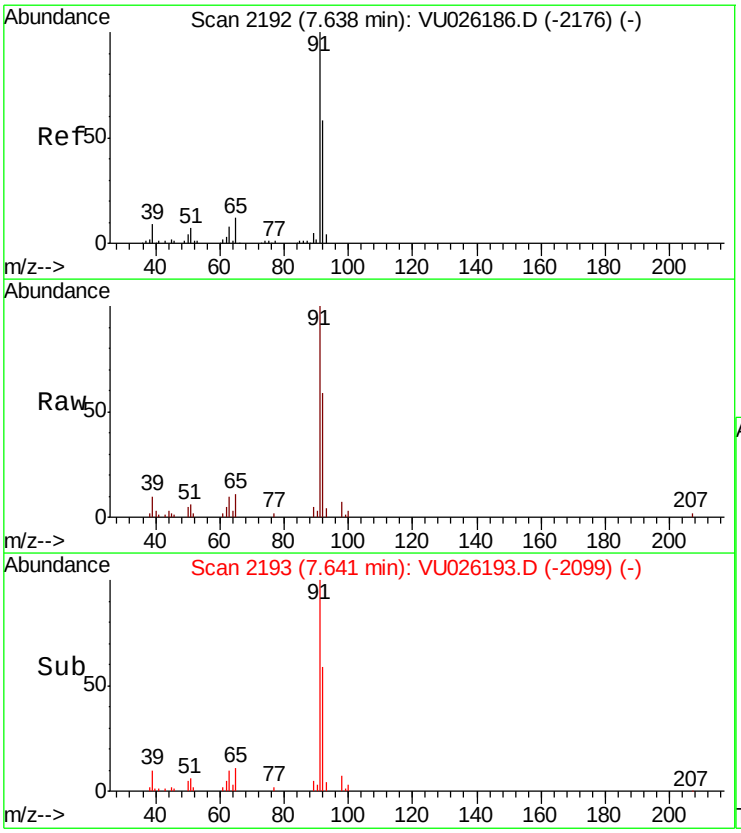
#40
4-Methyl-2-pentanone
Concen: 0.330 ug/L
RT: 7.47 min Scan# 2140
Delta R.T. 0.00 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1742

Ion	Ratio	Lower	Upper
43	100		
58	33.9	29.8	44.8
100	0.0	11.6	17.4#

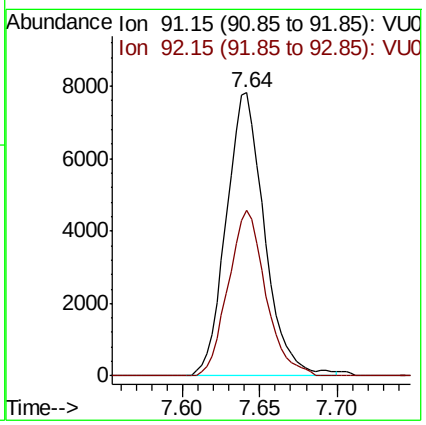


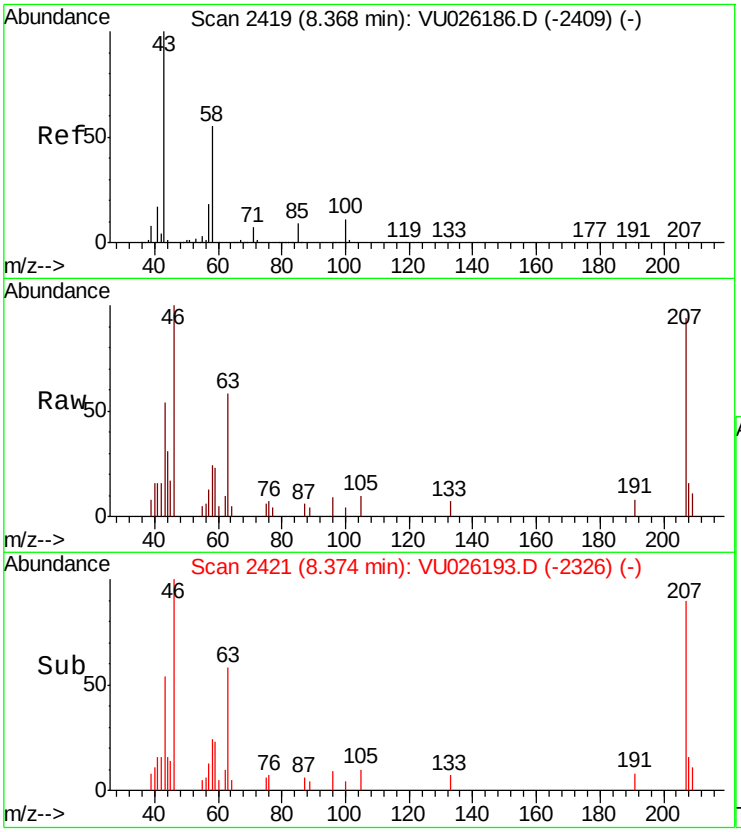


#42
Toluene
Concen: 0.348 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Tgt Ion: 91 Resp: 13398

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.0	74.4



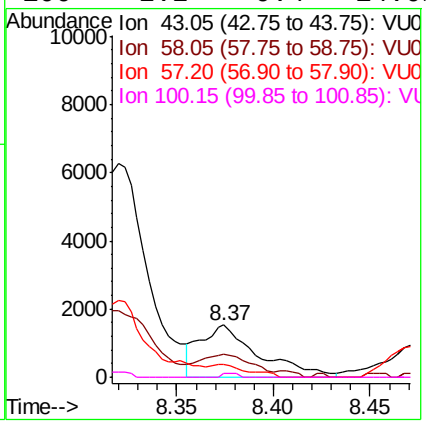


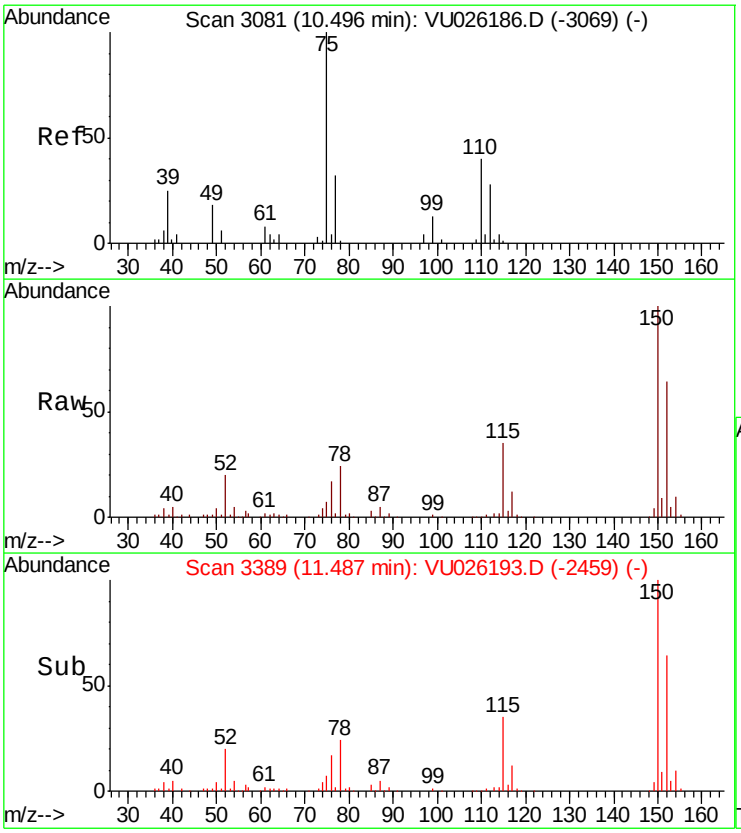
#48
2-Hexanone
Concen: 0.879 ug/L
RT: 8.37 min Scan# 2421
Delta R.T. 0.01 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3238

Ion	Ratio	Lower	Upper
43	100		
58	28.0	43.1	64.7#
57	15.6	15.4	23.0
100	2.2	9.4	14.0#





#59
1,2,3-Trichloropropane
Concen: 1.042 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Tgt Ion: 75 Resp: 6180

Ion	Ratio	Lower	Upper
75	100		
77	36.7	29.0	43.4