Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032525.D
Acq On : 07 Jun 2019 02:53
Operator : JC/SP
Sample : K3215-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8J8

Quant Time: Jun 07 07:35:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	204887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	120127	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	41472	29.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 59.62%#			
7) Chloroethane-d5	1.68	69	38719	34.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 69.26%#			
11) 1,1-Dichloroethene-d2	2.26	63	70913	26.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.06%#			
21) 2-Butanone-d5	4.17	46	140793	120.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 120.94%			
24) Chloroform-d	4.64	84	109479	42.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.40%			
26) 1,2-Dichloroethane-d4	5.30	65	75738	46.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.68%			
32) Benzene-d6	5.33	84	219229	41.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.44%			
36) 1,2-Dichloropropane-d6	6.32	67	74433	44.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.26%			
41) Toluene-d8	7.56	98	213061	42.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.50%			
43) trans-1,3-Dichloropropene-	7.85	79	34362	43.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.10%			
47) 2-Hexanone-d5	8.31	63	106491	131.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 131.63%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128802	53.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	112360	48.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.66%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	25401	13.614	ug/L #	27
13) Acetone	2.32	43	2046428	1703.637	ug/L	99
16) Methylene chloride	2.69	84	2663	1.834	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	6865	4.979	ug/L	98
19) 1,1-Dichloroethane	3.44	63	31172	12.402	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	18683	11.974	ug/L	96
22) 2-Butanone	4.26	43	47715	33.609	ug/L	99
33) Benzene	5.38	78	189207	32.868	ug/L	100
34) Trichloroethene	6.18	95	12943	8.264	ug/L	96
35) Methylcyclohexane	6.41	83	1888	0.745	ug/L #	86
37) 1,2-Dichloropropane	6.43	63	9889	6.480	ug/L #	96
40) 4-Methyl-2-pentanone	7.45	43	481828	196.264	ug/L	99
42) Toluene	7.63	91	599274	95.055	ug/L	99
46) Tetrachloroethene	8.22	164	5214	4.031	ug/L	99
51) Chlorobenzene	9.12	112	26694	6.572	ug/L	98
52) Ethylbenzene	9.24	91	225104	32.033	ug/L	98
53) m,p-Xylene	9.37	106	248943	93.161	ug/L	99

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032525.D
Acq On : 07 Jun 2019 02:53
Operator : JC/SP
Sample : K3215-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8J8

Quant Time: Jun 07 07:35:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) o-xylene	9.77	106	151705	57.179	ug/L		99
56) Isopropylbenzene	10.16	105	88801	12.693	ug/L		99
63) 1,4-Dichlorobenzene	11.50	146	4920	1.324	ug/L	#	92

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032525.D
Acq On : 07 Jun 2019 02:53
Operator : JC/SP
Sample : K3215-13
Misc : 5.0mL/MSVOA_U/WATER
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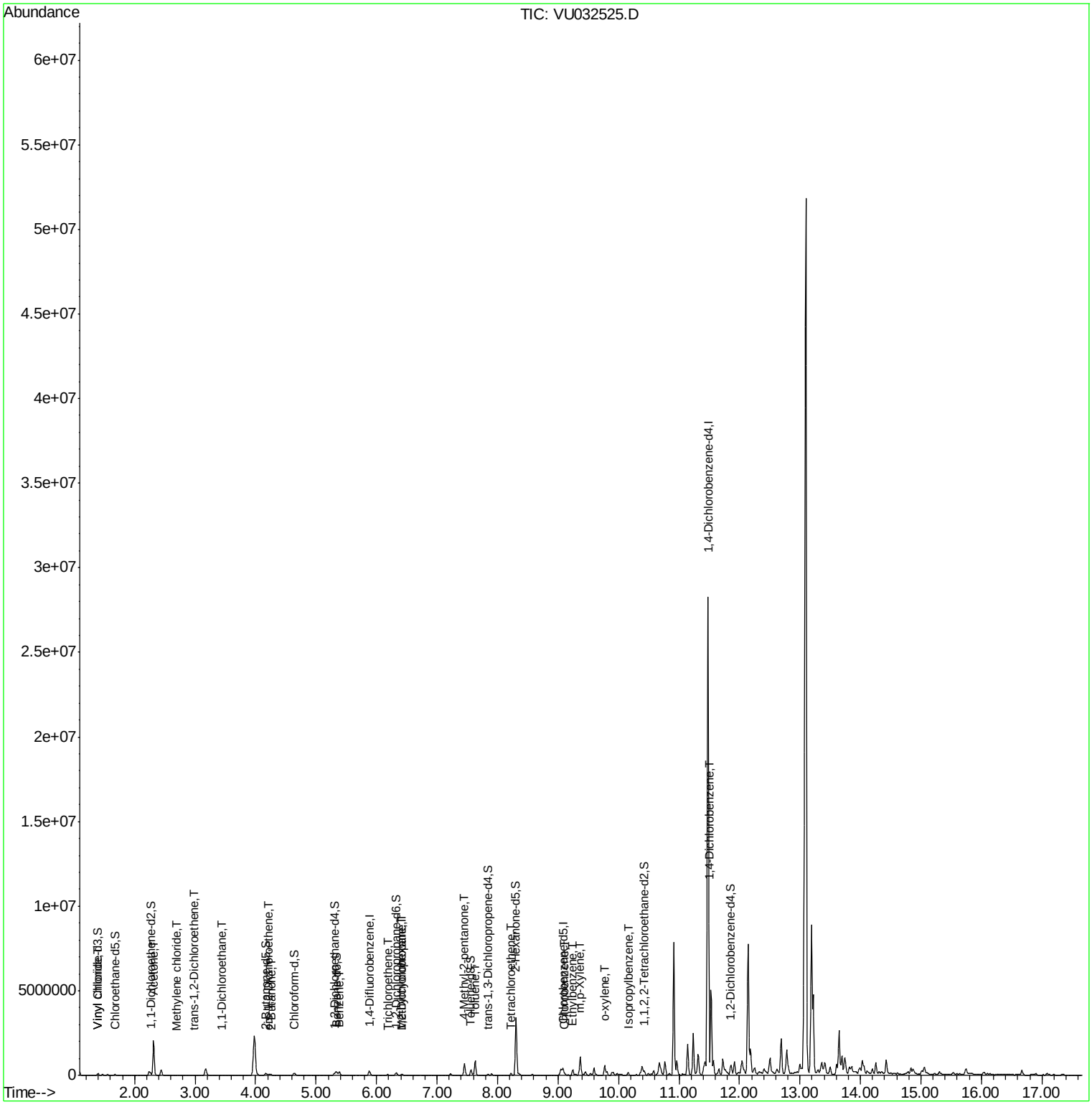
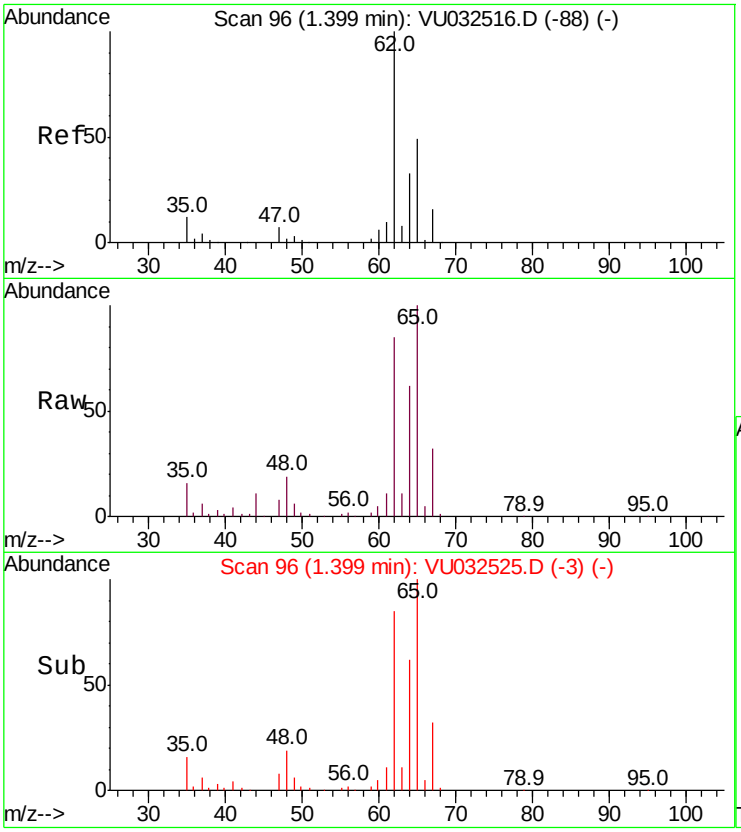
Quant Time: Jun 07 07:35:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration



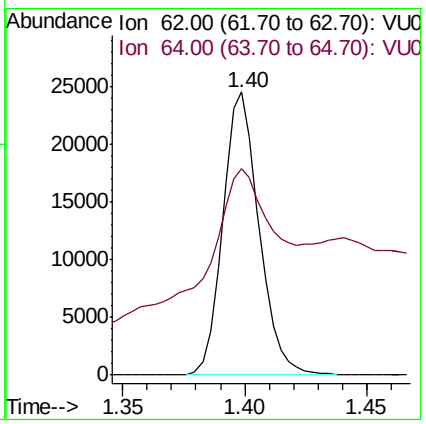


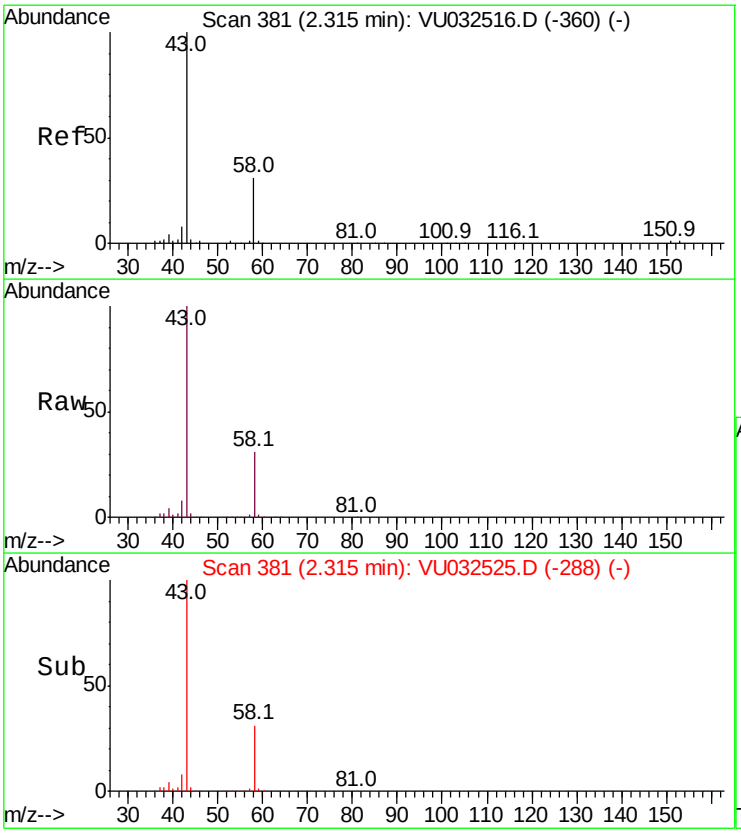
#5
Vinyl chloride
Concen: 13.614 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Instrument : MSVOA_U
ClientSampleId : DB8J8

Tgt Ion: 62 Resp: 25401

Ion	Ratio	Lower	Upper
62	100		
64	73.1	22.6	42.0#

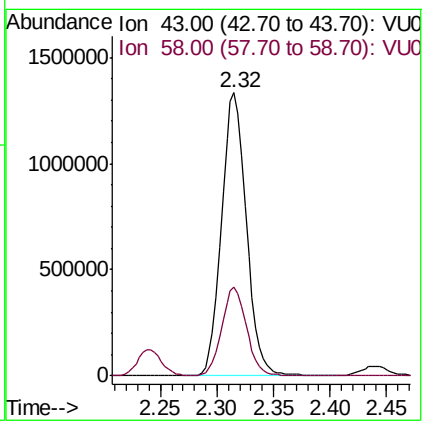


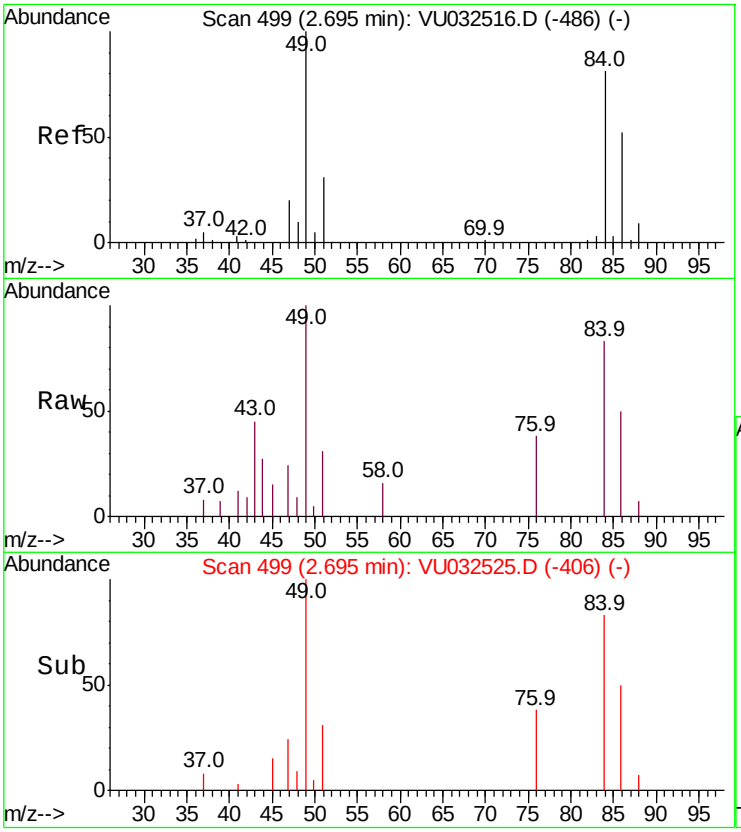


#13
Acetone
Concen: 1703.637 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion: 43 Resp: 2046428

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	64.0



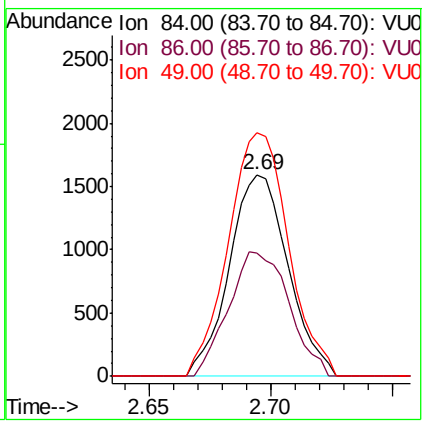


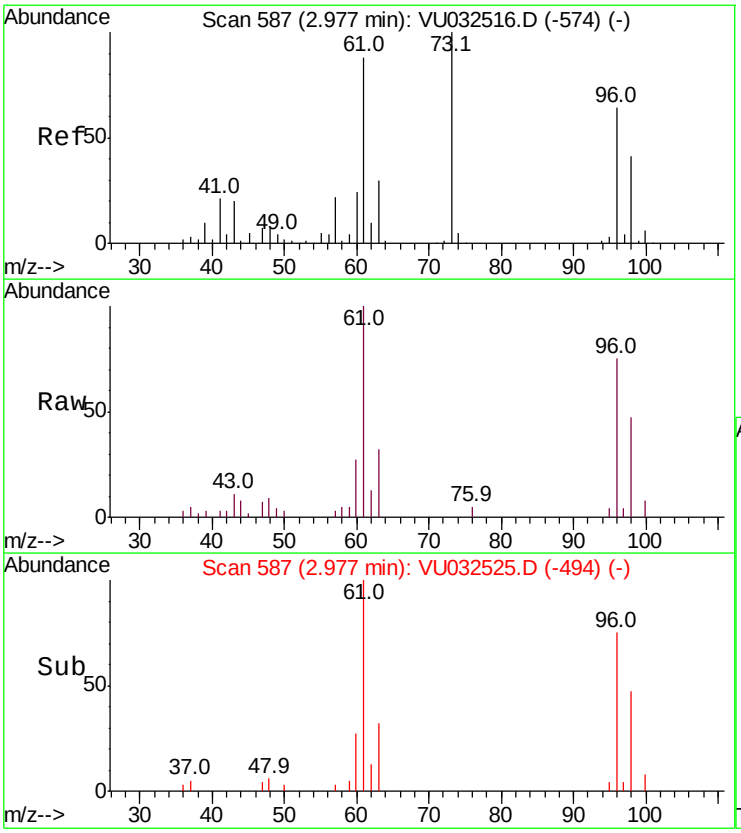
#16
Methylene chloride
Concen: 1.834 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Instrument : MSVOA_U
ClientSampleId : DB8J8

Tgt Ion: 84 Resp: 2663

Ion	Ratio	Lower	Upper
84	100		
86	61.1	44.7	82.9
49	120.9	86.1	159.9

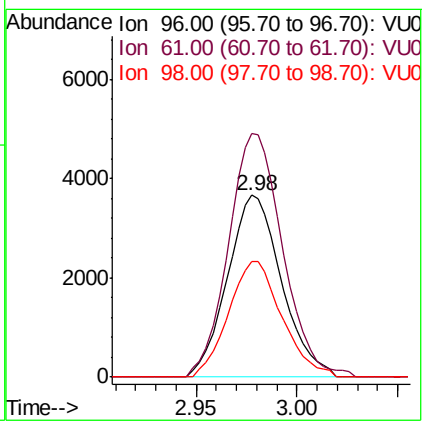


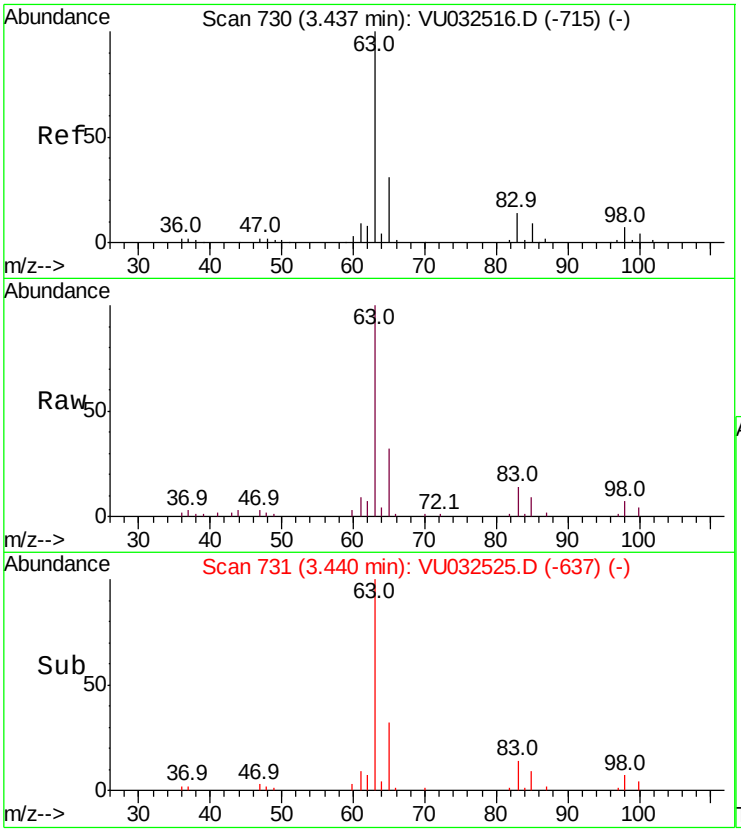


#17
trans-1,2-Dichloroethene
Concen: 4.979 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion: 96 Resp: 6865

Ion	Ratio	Lower	Upper
96	100		
61	133.7	95.7	177.7
98	63.2	44.0	81.6



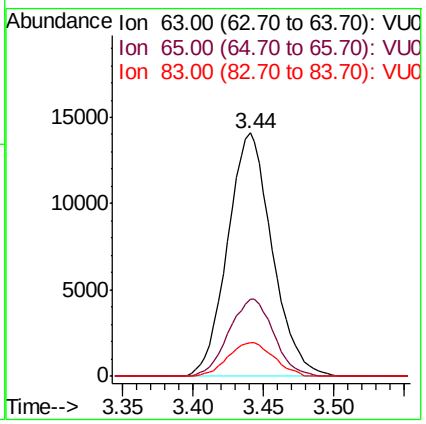


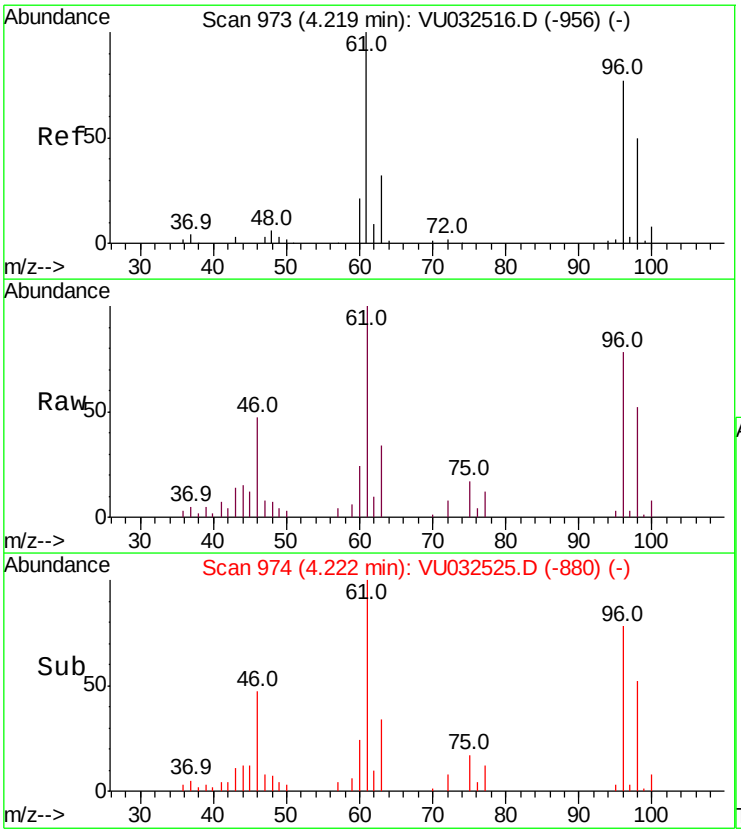
#19
1,1-Dichloroethane
Concen: 12.402 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Instrument : MSVOA_U
ClientSampleId : DB8J8

Tgt Ion: 63 Resp: 31172

Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.8	40.6
83	13.6	9.8	18.2

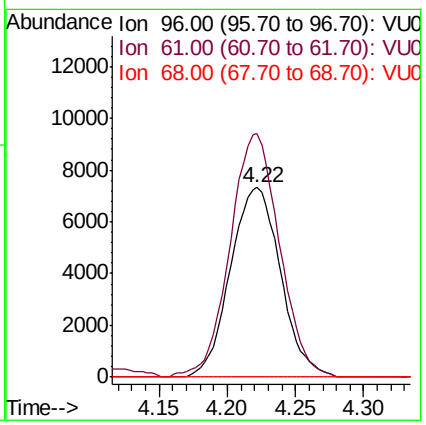


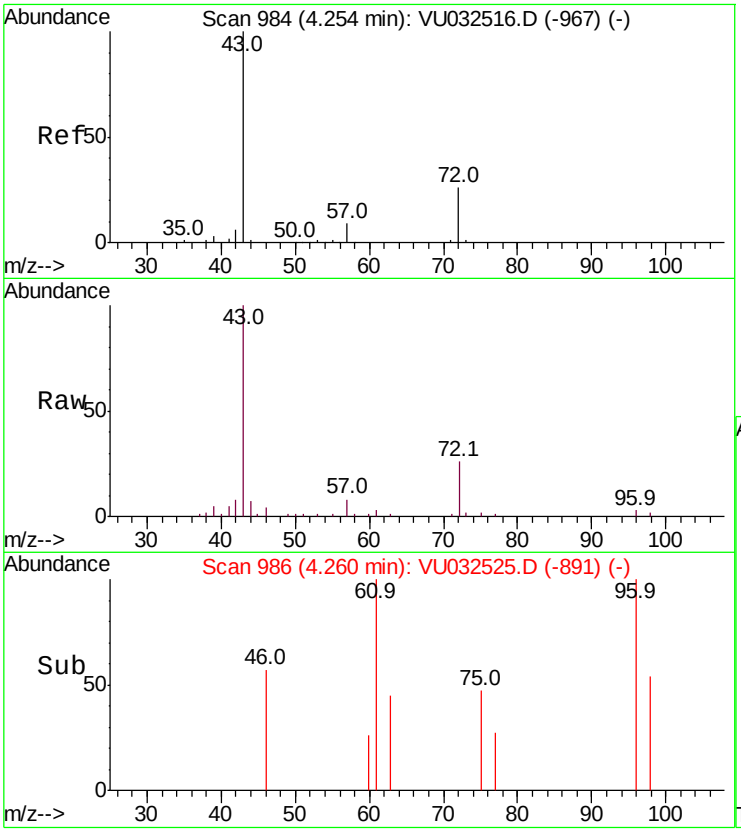


#20
cis-1,2-Dichloroethene
Concen: 11.974 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion: 96 Resp: 18683

Ion	Ratio	Lower	Upper
96	100		
61	128.6	87.2	162.0
68	0.0	0.0	0.0



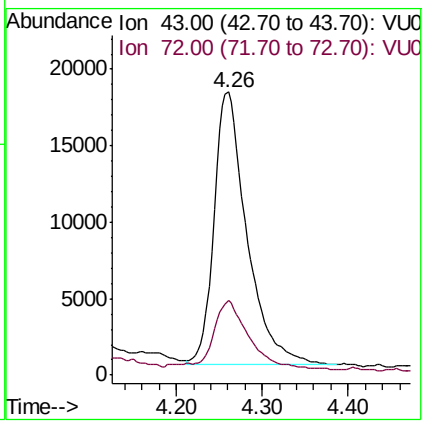


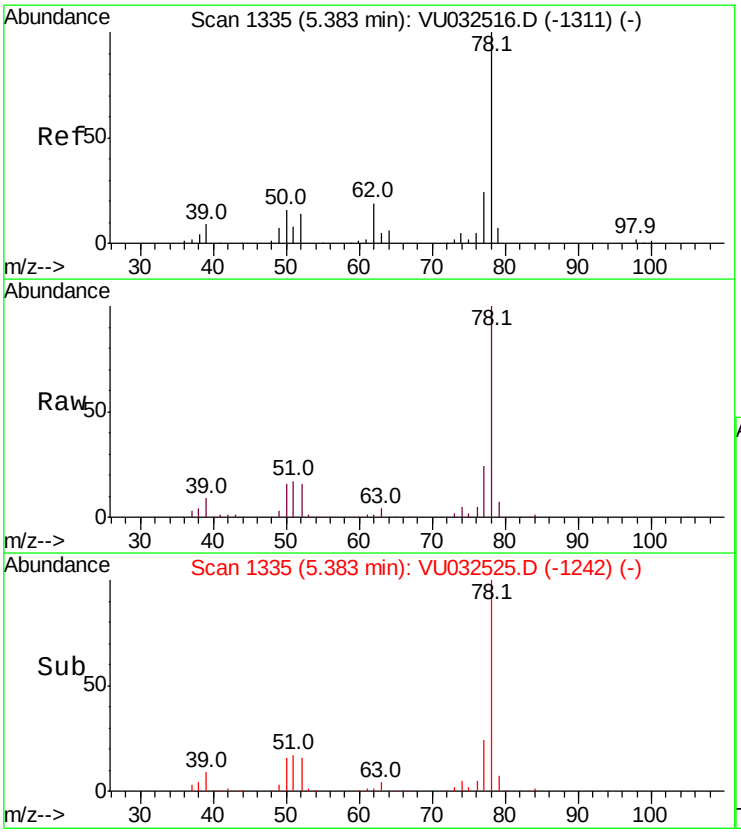
#22
2-Butanone
Concen: 33.609 ug/L
RT: 4.26 min Scan# 986
Delta R.T. 0.01 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Instrument :
MSVOA_U
ClientSampleId :
DB8J8

Tgt Ion: 43 Resp: 47715

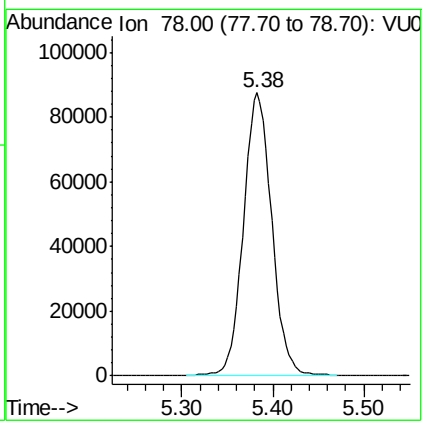
Ion	Ratio	Lower	Upper
43	100		
72	25.6	13.1	39.3

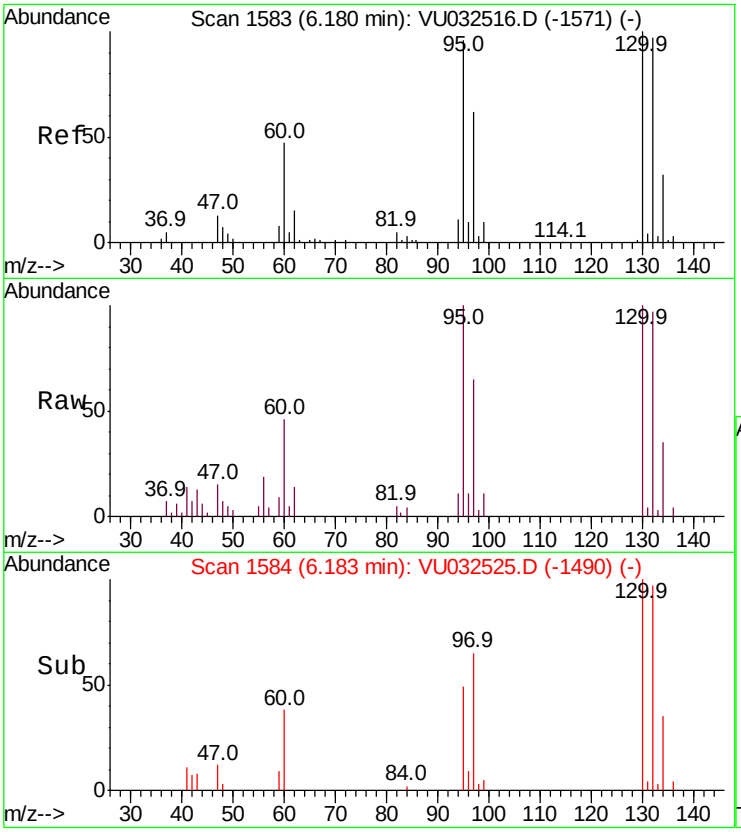




#33
Benzene
Concen: 32.868 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion: 78 Resp: 189207



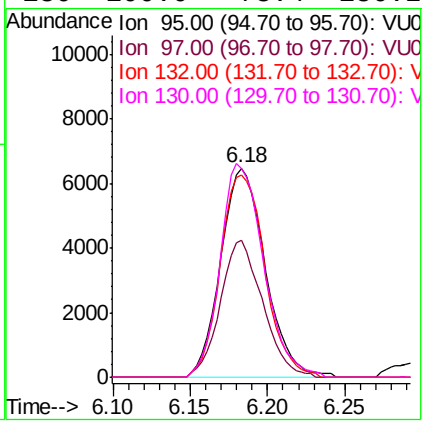


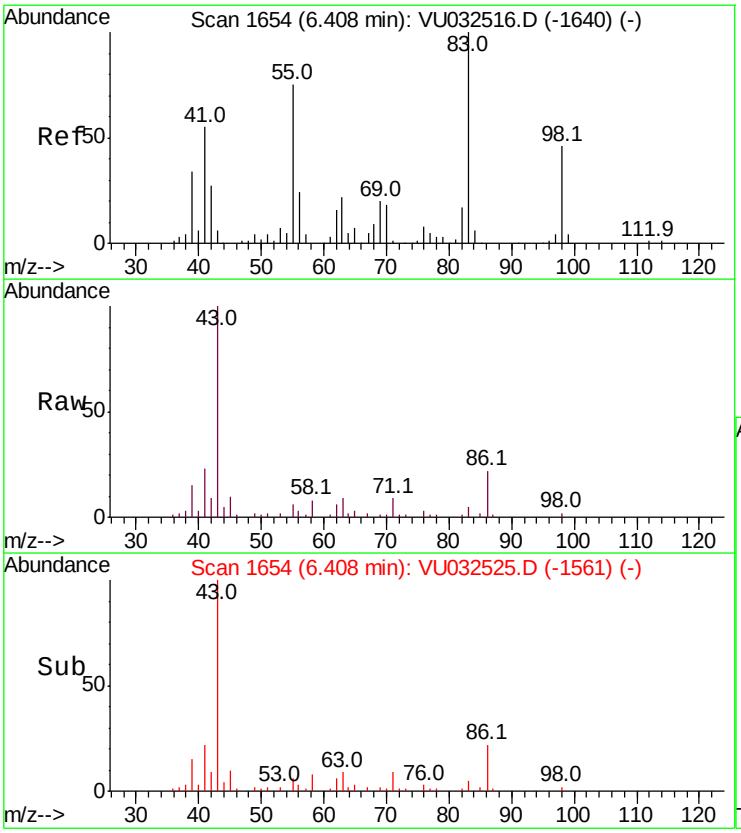
#34
Trichloroethene
Concen: 8.264 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Instrument : MSVOA_U
ClientSampleId : DB8J8

Tgt Ion: 95 Resp: 12943

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.8	85.2
132	96.9	71.0	131.8
130	100.0	73.4	136.2

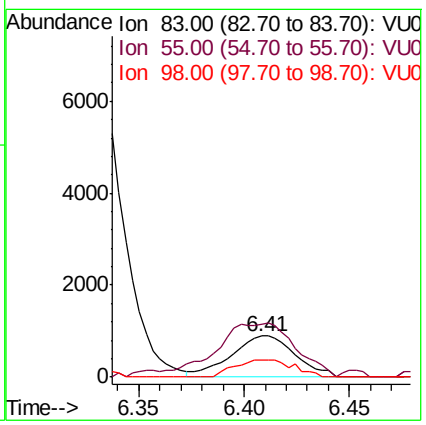


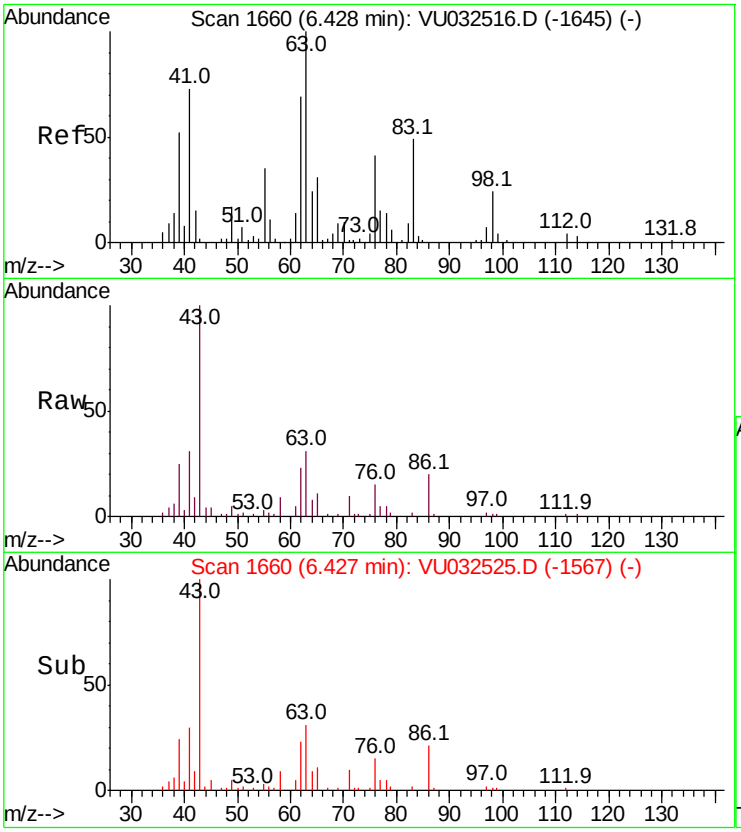


#35
Methylcyclohexane
Concen: 0.745 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion: 83 Resp: 1888

Ion	Ratio	Lower	Upper
83	100		
55	67.6	60.2	90.4
98	31.9	37.4	56.2#



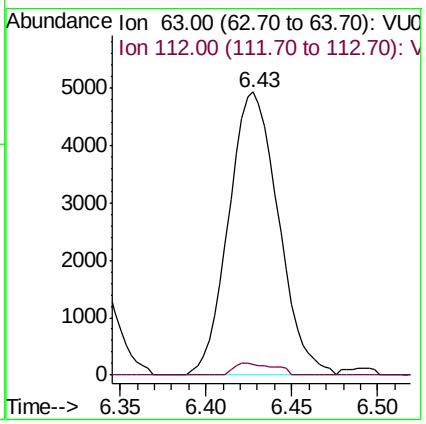


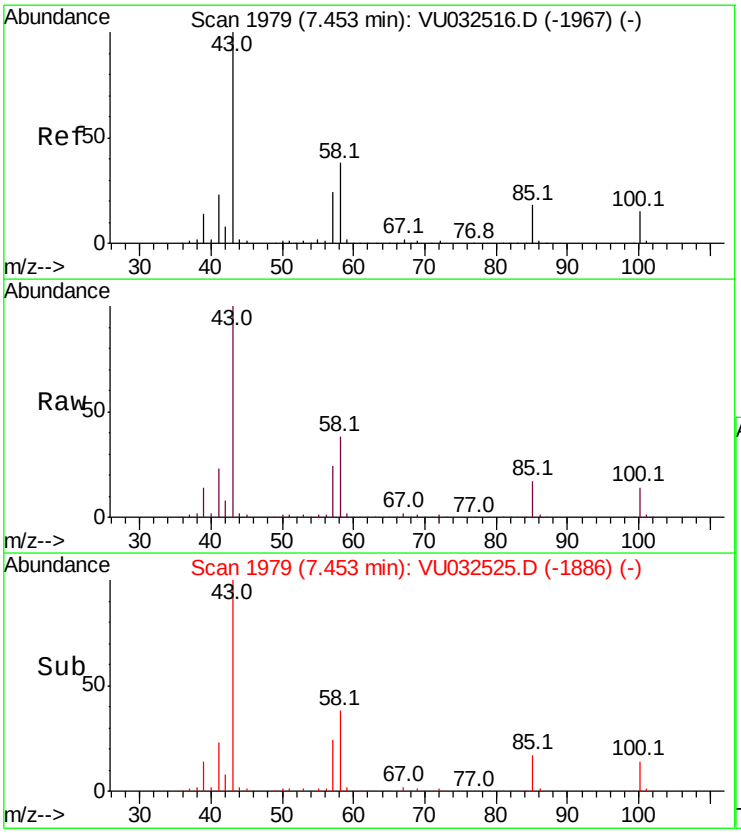
#37
1,2-Dichloropropane
Concen: 6.480 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Instrument : MSVOA_U
ClientSampleId : DB8J8

Tgt Ion: 63 Resp: 9889

Ion	Ratio	Lower	Upper
63	100		
112	2.6	3.1	4.7#

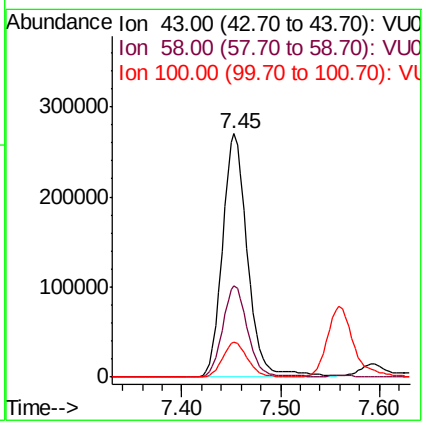


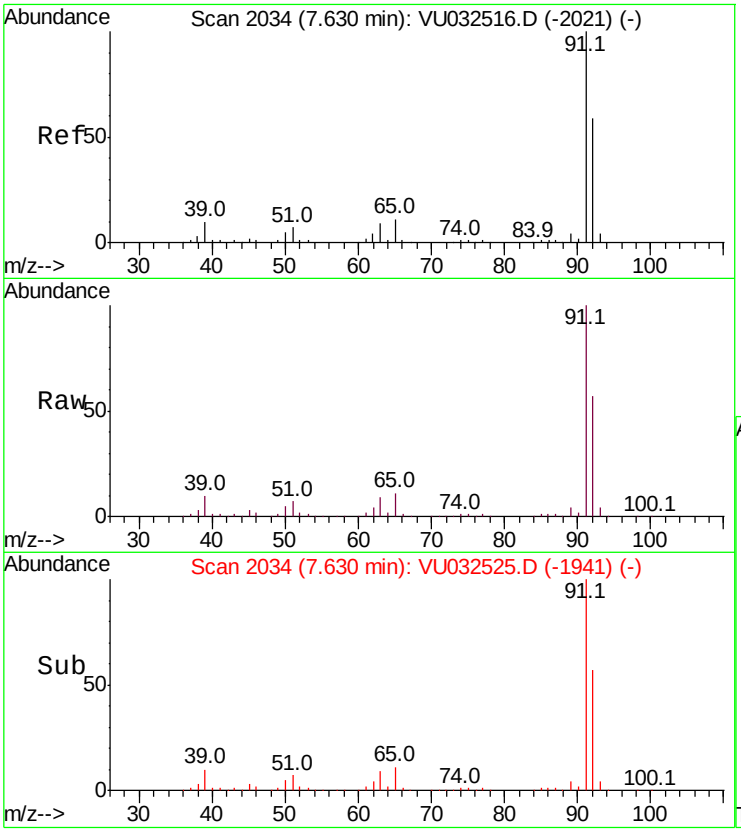


#40
4-Methyl-2-pentanone
Concen: 196.264 ug/L
RT: 7.45 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion: 43 Resp: 481828

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.8	46.2
100	14.3	12.1	18.1



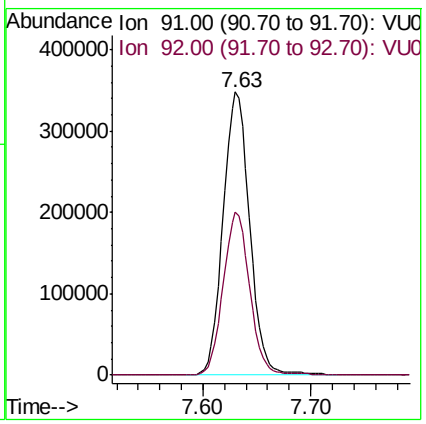


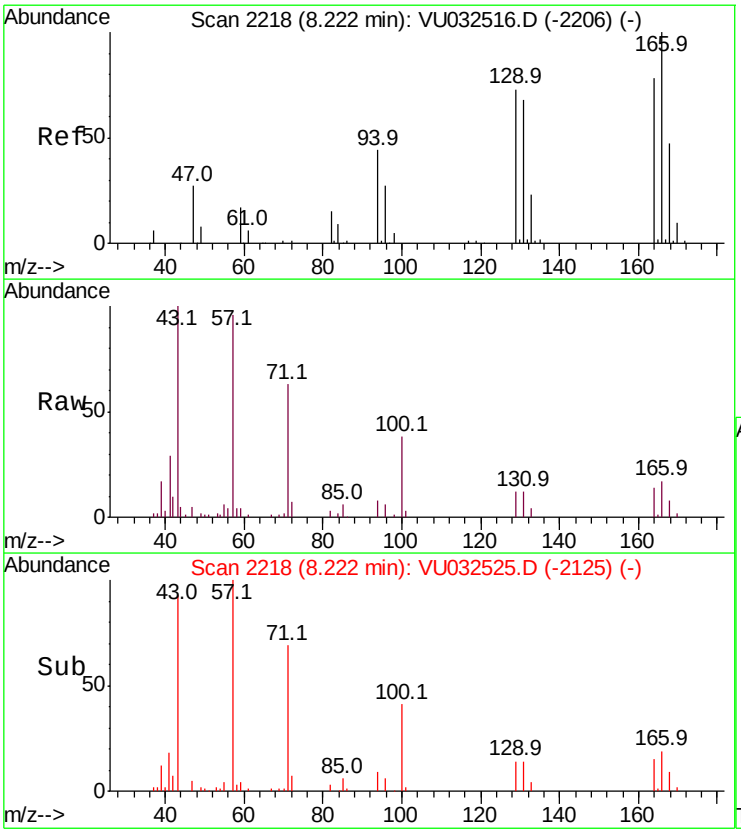
#42
Toluene
Concen: 95.055 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Instrument : MSVOA_U
ClientSampleId : DB8J8

Tgt Ion: 91 Resp: 599274

Ion	Ratio	Lower	Upper
91	100		
92	57.4	39.7	73.7

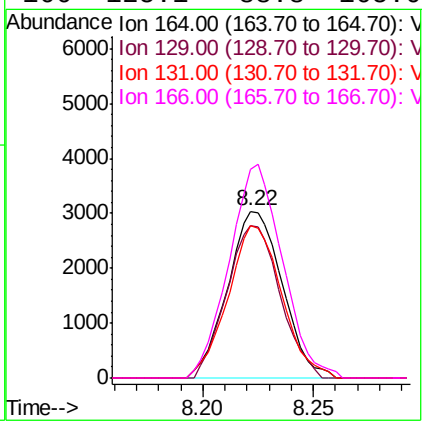


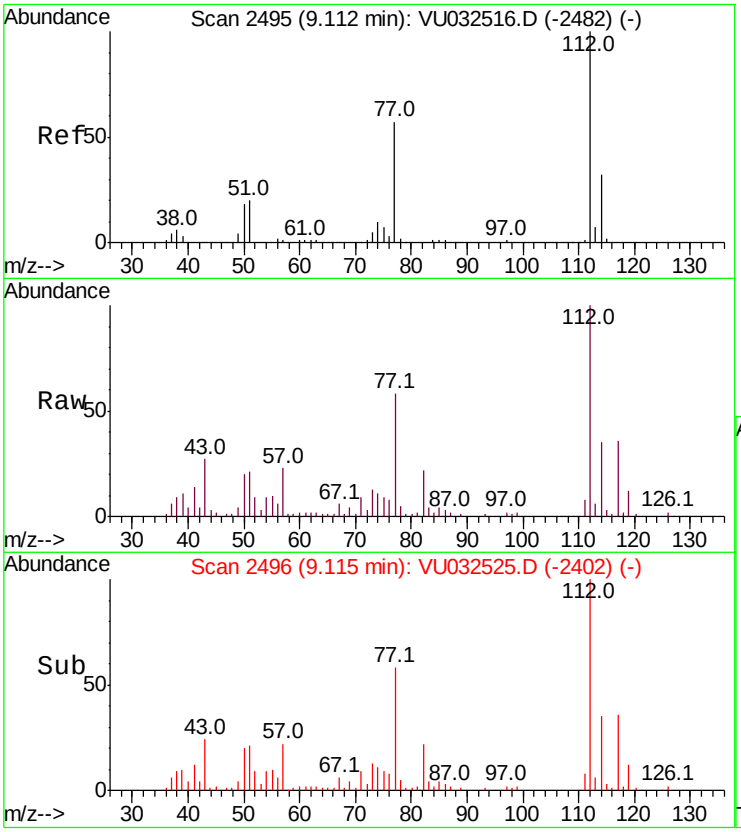


#46
Tetrachloroethene
Concen: 4.031 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion:164 Resp: 5214

Ion	Ratio	Lower	Upper
164	100		
129	91.6	65.3	121.3
131	91.2	64.0	119.0
166	125.1	88.8	165.0



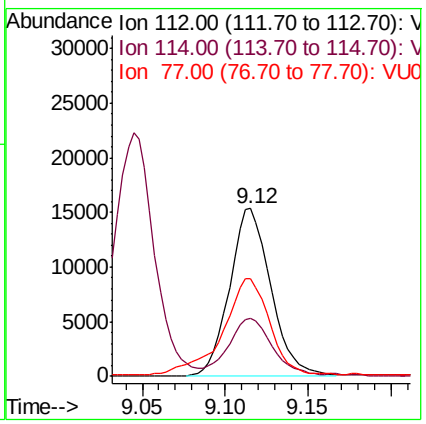


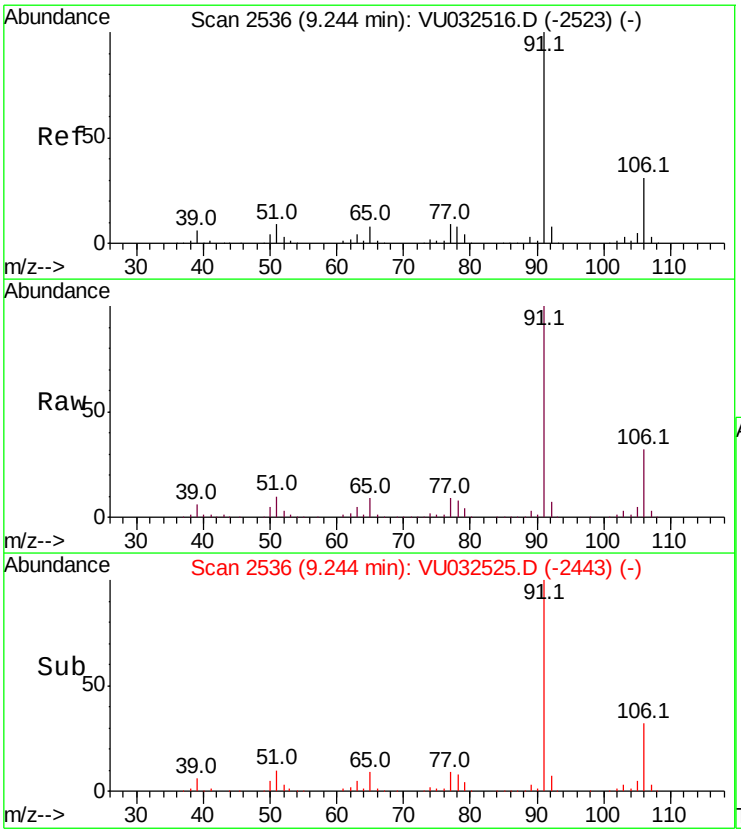
#51
Chlorobenzene
Concen: 6.572 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Instrument :
MSVOA_U
ClientSampleId :
DB8J8

Tgt Ion:112 Resp: 26694

Ion	Ratio	Lower	Upper
112	100		
114	34.7	22.6	42.0
77	57.9	46.1	69.1

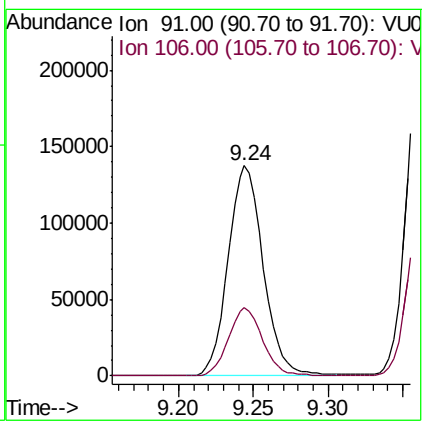


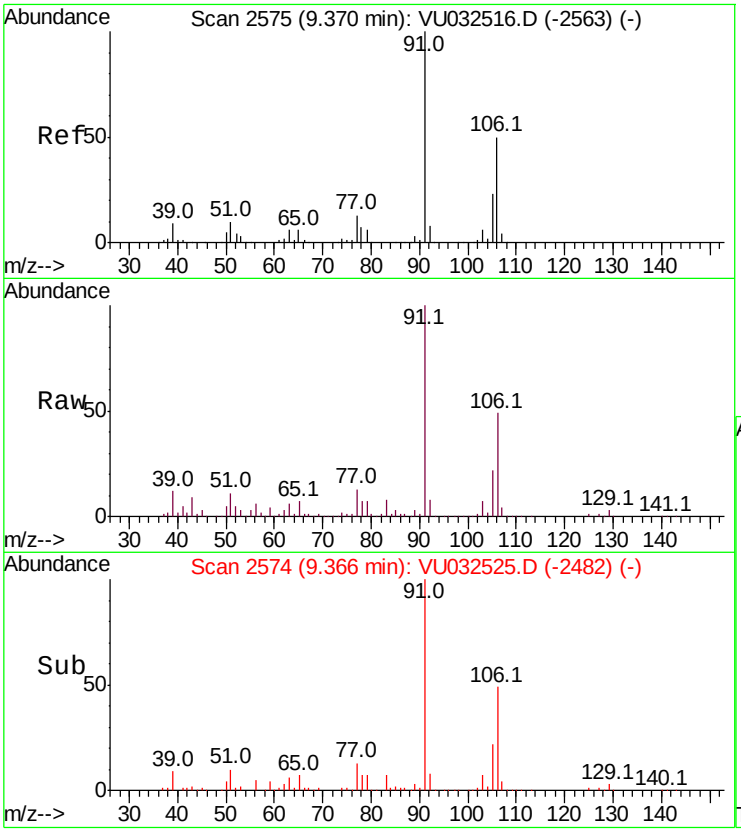


#52
Ethylbenzene
Concen: 32.033 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion: 91 Resp: 225104

Ion	Ratio	Lower	Upper
91	100		
106	32.4	22.0	41.0



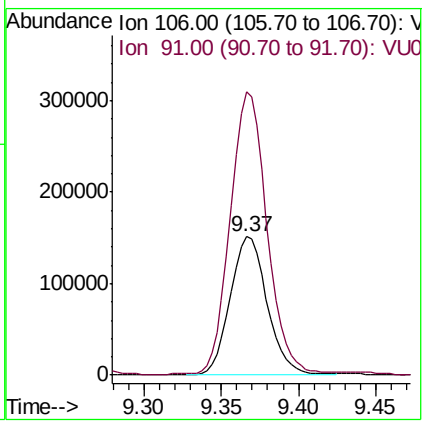


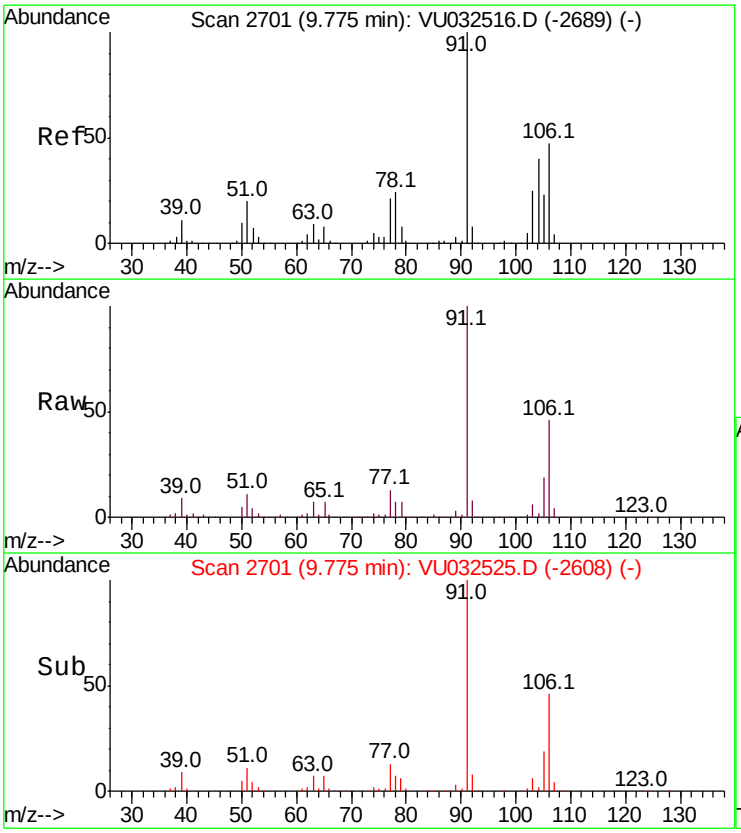
#53
m,p-Xylene
Concen: 93.161 ug/L
RT: 9.37 min Scan# 2574
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Instrument : MSVOA_U
ClientSampleId : DB8J8

Tgt Ion:106 Resp: 248943

Ion	Ratio	Lower	Upper
106	100		
91	204.5	141.7	263.1

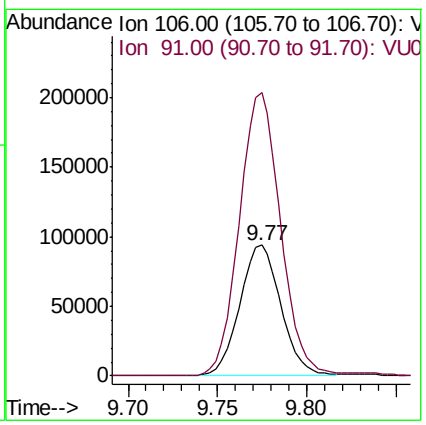


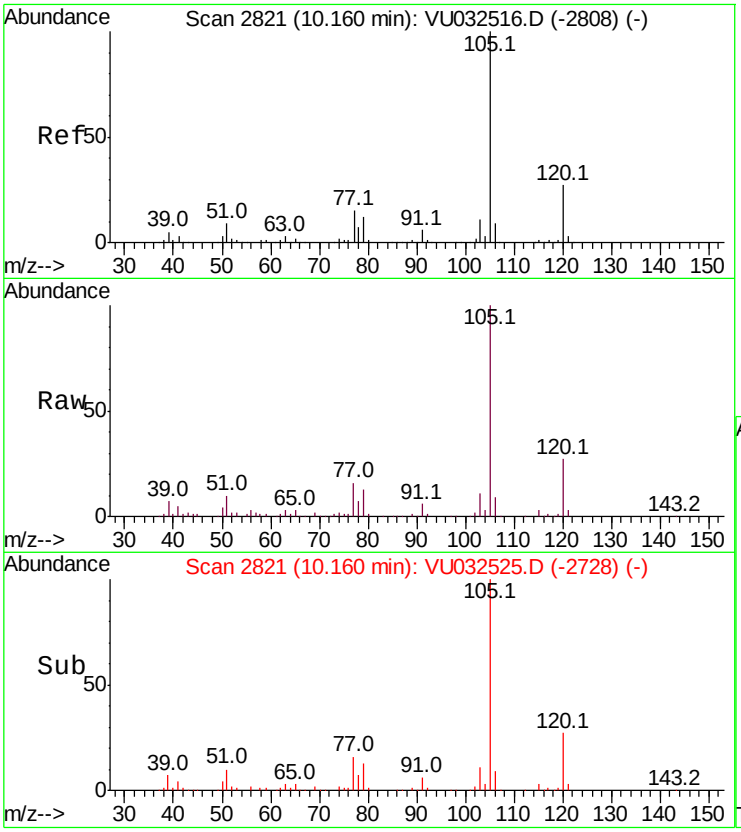


#54
o-xylene
Concen: 57.179 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion:106 Resp: 151705

Ion	Ratio	Lower	Upper
106	100		
91	216.6	150.1	278.7



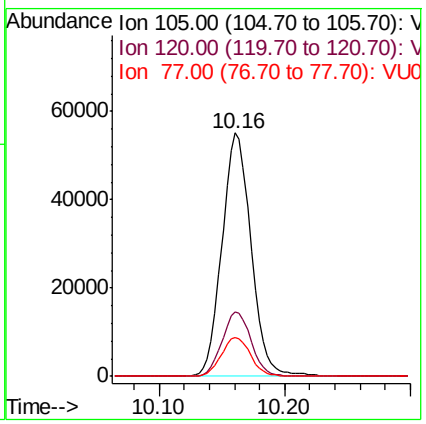


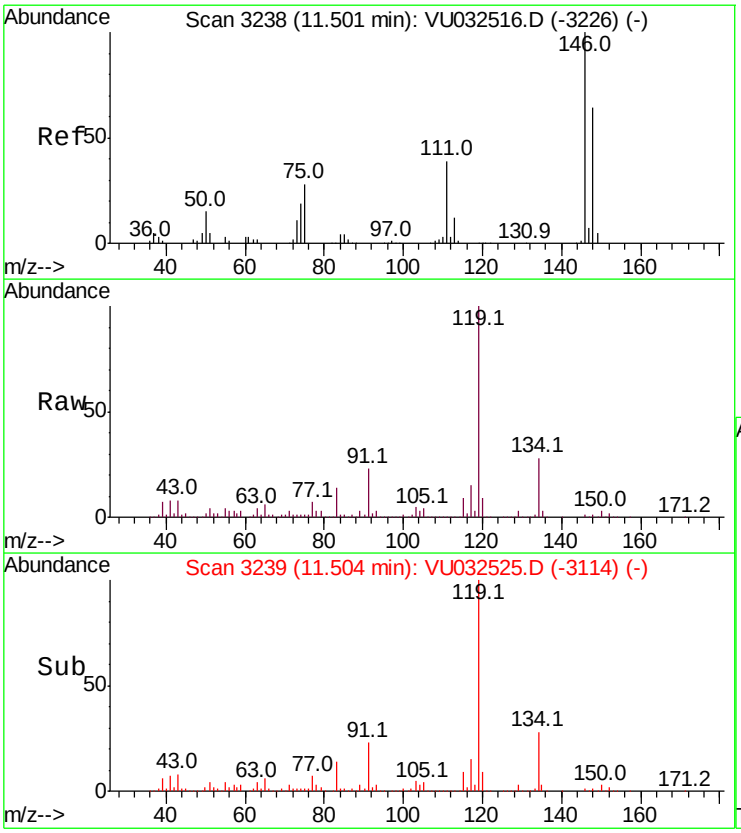
#56
Isopropylbenzene
Concen: 12.693 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Instrument : MSVOA_U
ClientSampleId : DB8J8

Tgt Ion:105 Resp: 88801

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.6	32.4
77	16.0	12.4	18.6





#63
1,4-Dichlorobenzene
Concen: 1.324 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU032525.D
Acq: 07 Jun 2019 02:53

Tgt Ion:146 Resp: 4920

Ion	Ratio	Lower	Upper
146	100		
111	49.4	26.6	49.4#
148	62.5	44.9	83.5