Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032519.D
Acq On : 07 Jun 2019 00:35
Operator : JC/SP
Sample : K3215-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8J0

Quant Time: Jun 07 07:13:27 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	201974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190327	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98025	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	40298	30.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 61.50%			
7) Chloroethane-d5	1.68	69	38043	36.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.26%			
11) 1,1-Dichloroethene-d2	2.27	63	65680	25.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 51.20%#			
21) 2-Butanone-d5	4.17	46	110192	100.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.48%			
24) Chloroform-d	4.64	84	104544	42.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.56%			
26) 1,2-Dichloroethane-d4	5.30	65	71148	46.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.42%			
32) Benzene-d6	5.33	84	211750	42.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.72%			
36) 1,2-Dichloropropane-d6	6.32	67	70233	45.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.66%			
41) Toluene-d8	7.56	98	197864	42.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.46%			
43) trans-1,3-Dichloropropene-	7.85	79	32175	43.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.78%			
47) 2-Hexanone-d5	8.31	63	74179	98.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.71%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109024	48.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.12%			
64) 1,2-Dichlorobenzene-d4	11.85	152	90834	48.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.76%			
Target Compounds						Qvalue
13) Acetone	2.32	43	1677	1.482	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	4016	3.092	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	113752	77.394	ug/L	99
33) Benzene	5.39	78	25194	4.711	ug/L	100
34) Trichloroethene	6.18	95	94127	64.697	ug/L	98
46) Tetrachloroethene	8.22	164	66189	55.084	ug/L	97
51) Chlorobenzene	9.12	112	81249	21.533	ug/L	99
52) Ethylbenzene	9.25	91	3754	0.575	ug/L	98
54) o-xylene	9.77	106	2690	1.091	ug/L	74
56) Isopropylbenzene	10.16	105	16298	2.508	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	14709	4.851	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	13876	4.628	ug/L	92

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

Quantitation Report (QT/LSC Reviewed)

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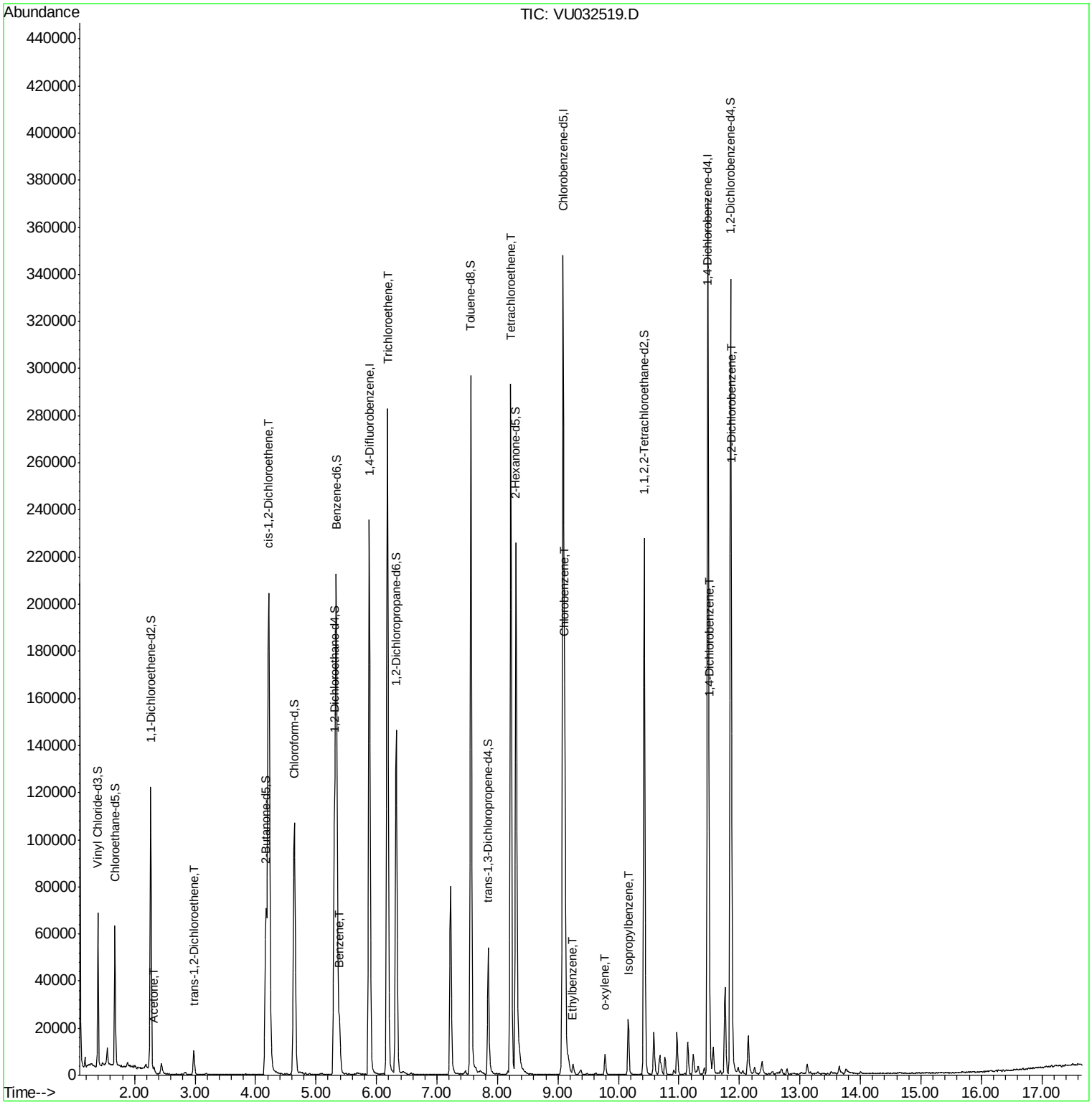
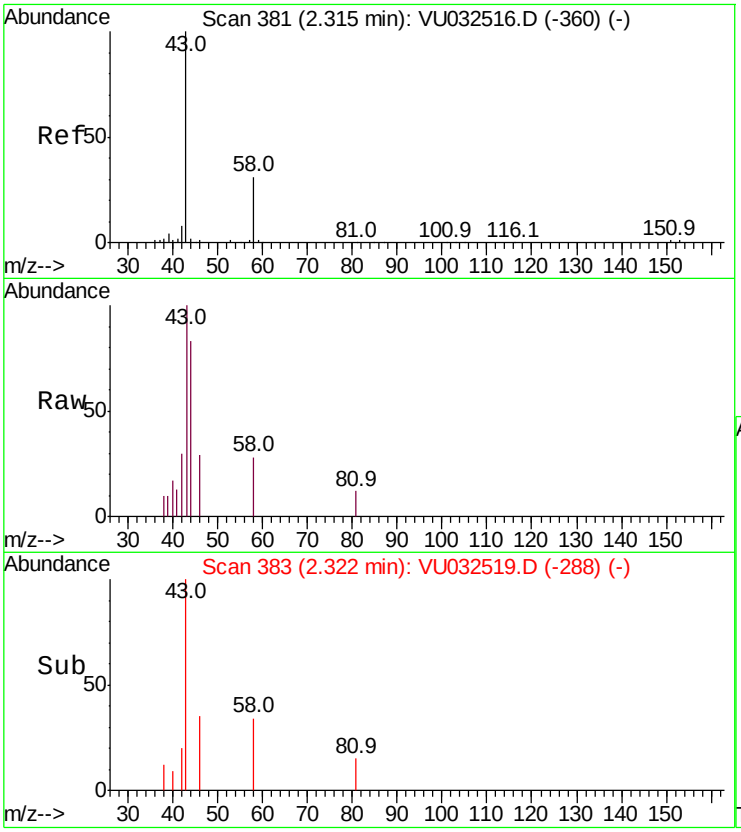
Acq On : 07 Jun 2019 00:35
Operator : JC/SP
Sample : K3215-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8J0

Quant Time: Jun 07 07:13:27 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



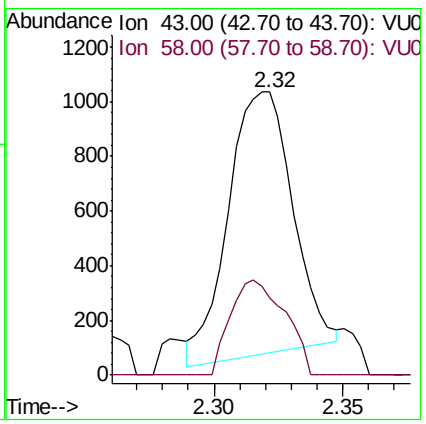


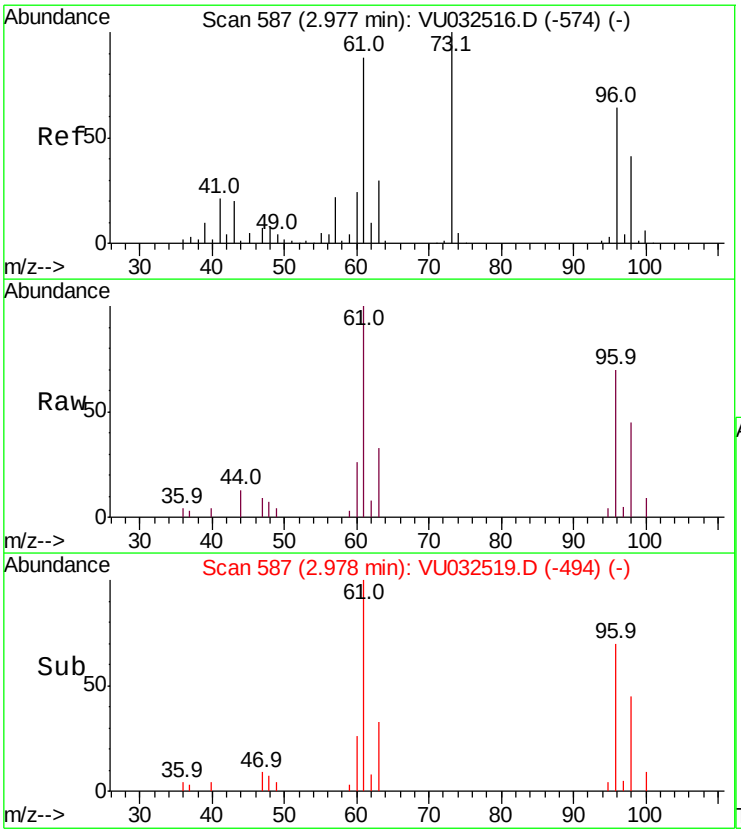
#13
Acetone
Concen: 1.482 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Instrument : MSVOA_U
ClientSampleId : DB8J0

Tgt Ion: 43 Resp: 1677

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	64.0

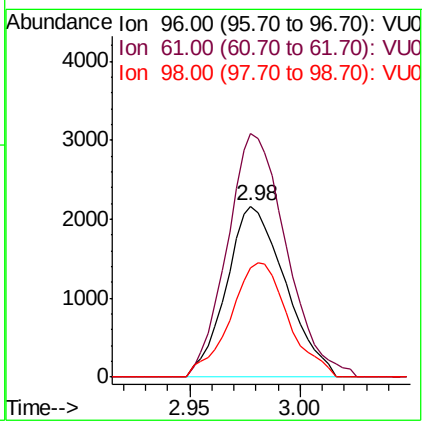


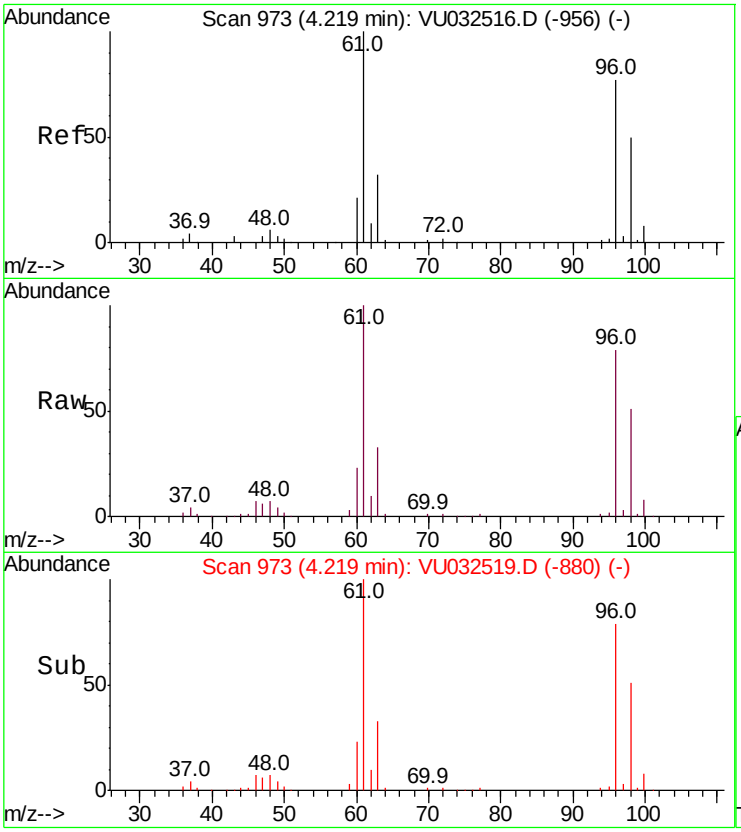


#17
trans-1,2-Dichloroethene
Concen: 3.092 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Tgt Ion: 96 Resp: 4016

Ion	Ratio	Lower	Upper
96	100		
61	142.3	95.7	177.7
98	63.6	44.0	81.6



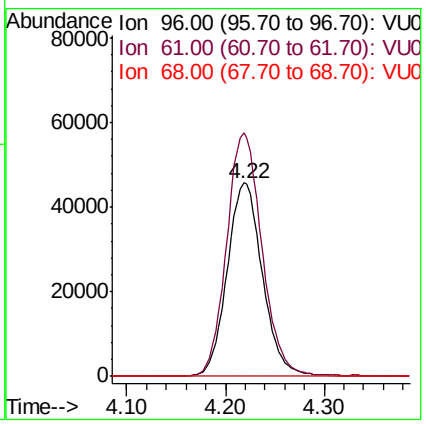


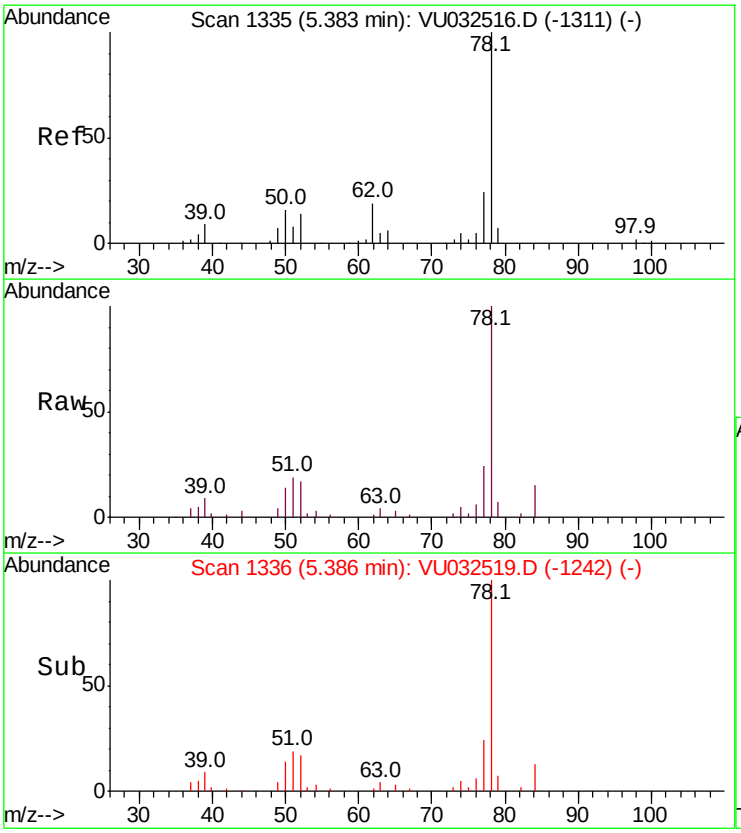
#20
cis-1,2-Dichloroethene
Concen: 77.394 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Instrument :
MSVOA_U
ClientSampleId :
DB8J0

Tgt Ion: 96 Resp: 113752

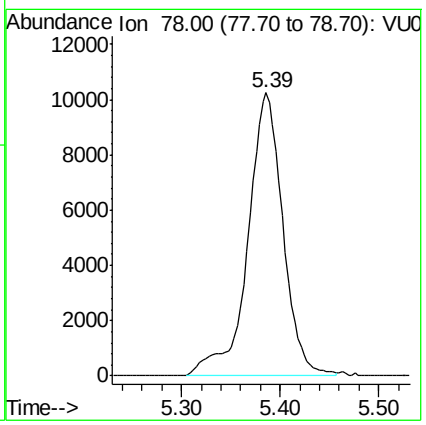
Ion	Ratio	Lower	Upper
96	100		
61	126.1	87.2	162.0
68	0.0	0.0	0.0

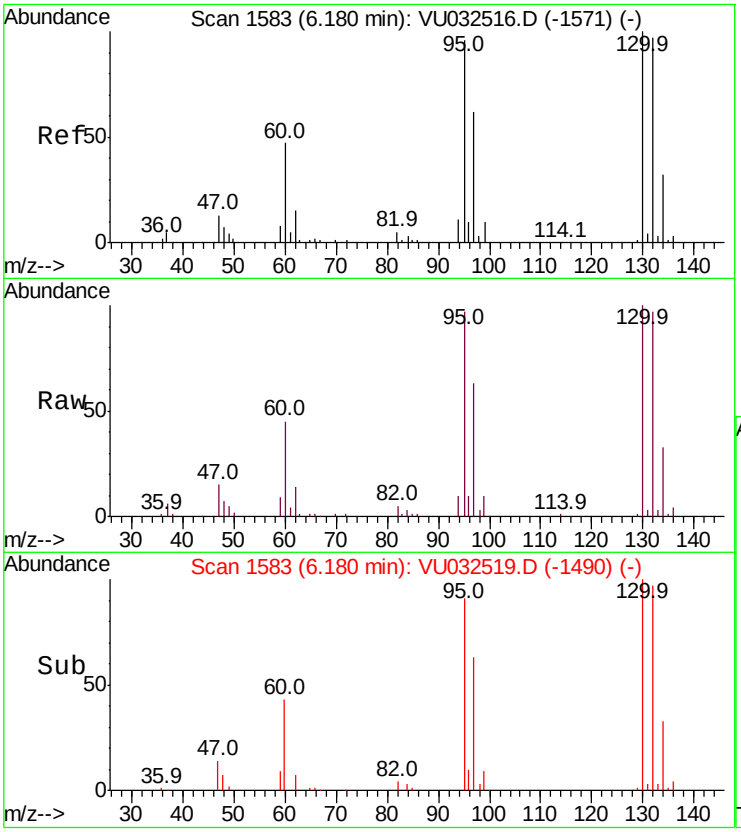




#33
Benzene
Concen: 4.711 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Tgt Ion: 78 Resp: 25194



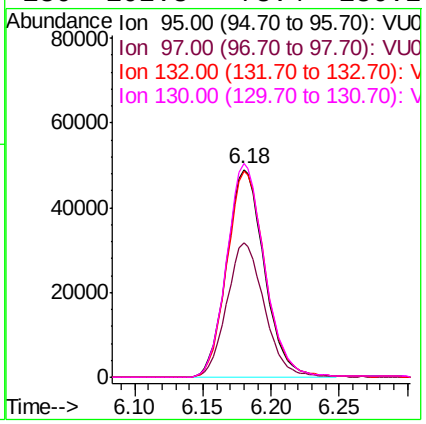


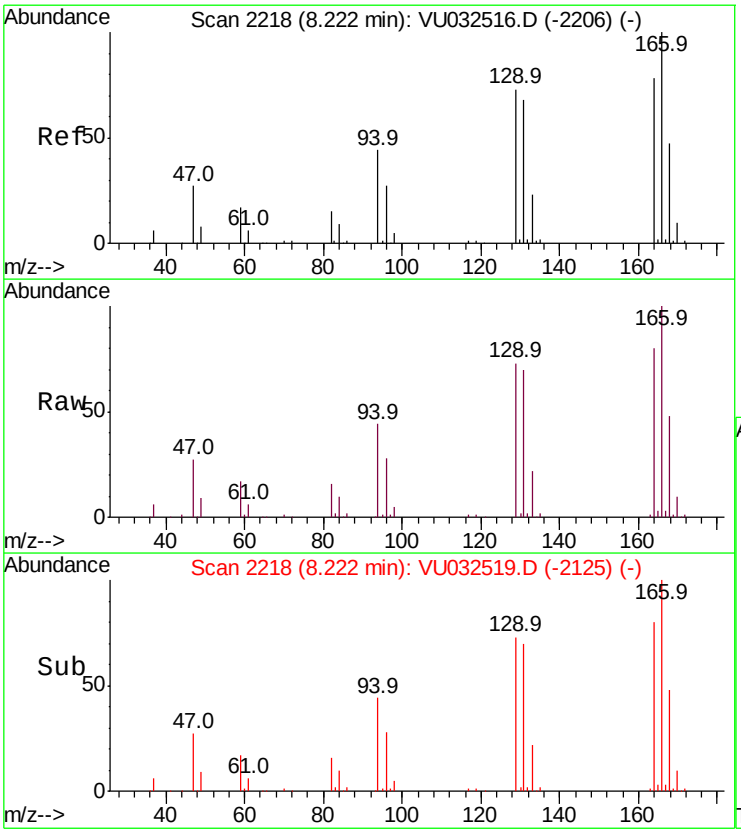
#34
Trichloroethene
Concen: 64.697 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Instrument : MSVOA_U
ClientSampleId : DB8J0

Tgt Ion: 95 Resp: 94127

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.8	85.2
132	99.4	71.0	131.8
130	102.8	73.4	136.2

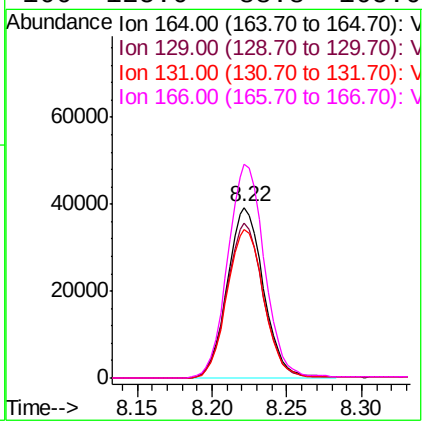


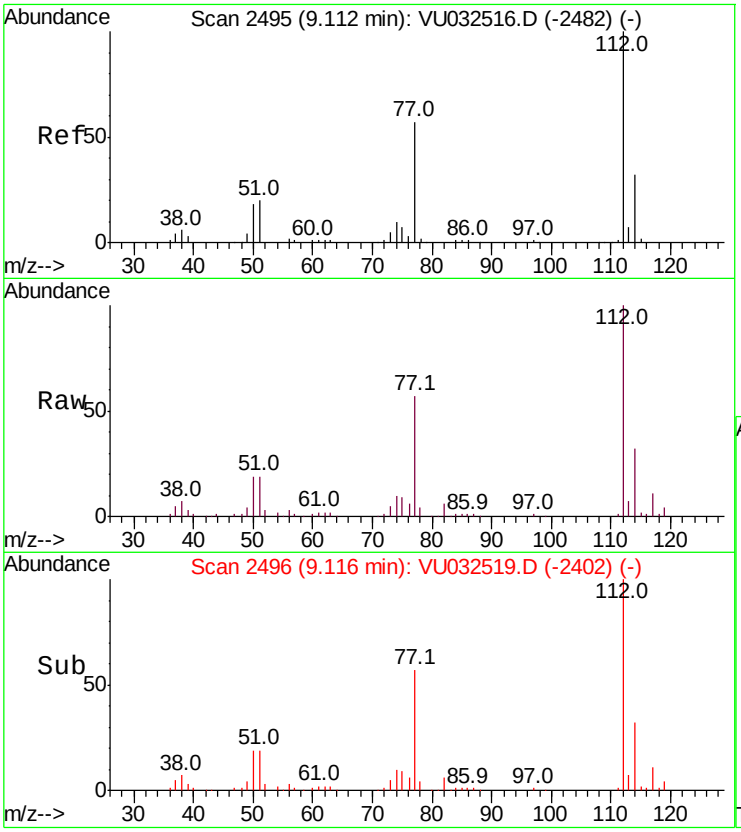


#46
Tetrachloroethene
Concen: 55.084 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Tgt Ion:164 Resp: 66189

Ion	Ratio	Lower	Upper
164	100		
129	90.7	65.3	121.3
131	87.3	64.0	119.0
166	125.0	88.8	165.0



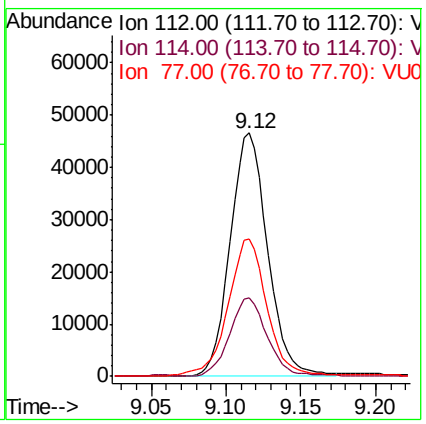


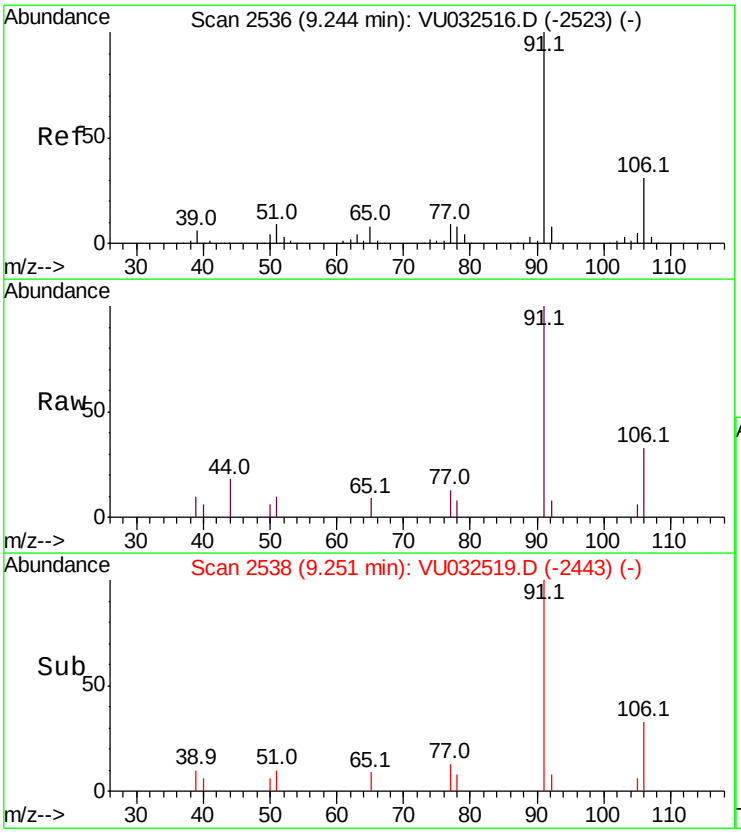
#51
Chlorobenzene
Concen: 21.533 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Instrument : MSVOA_U
ClientSampleId : DB8J0

Tgt Ion:112 Resp: 81249

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.6	42.0
77	56.6	46.1	69.1

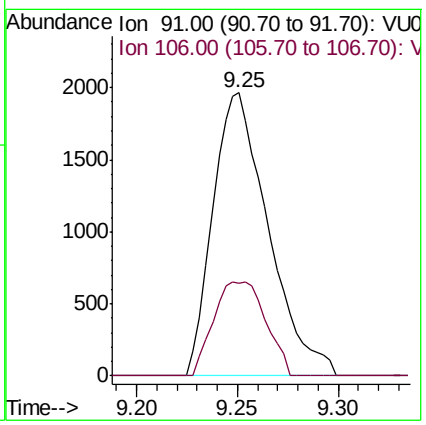


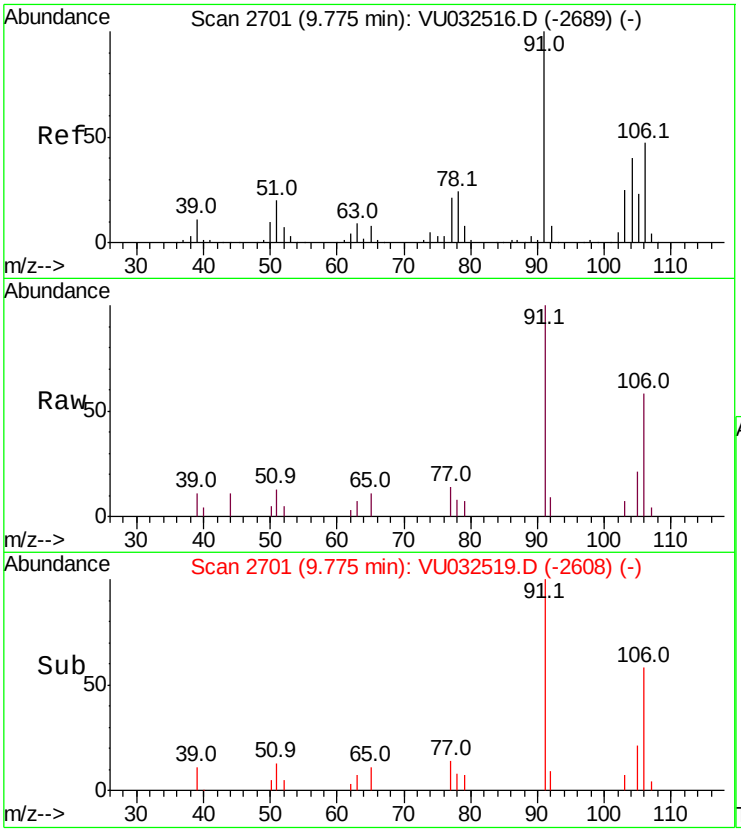


#52
Ethylbenzene
Concen: 0.575 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.01 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Tgt Ion: 91 Resp: 3754

Ion	Ratio	Lower	Upper
91	100		
106	32.6	22.0	41.0



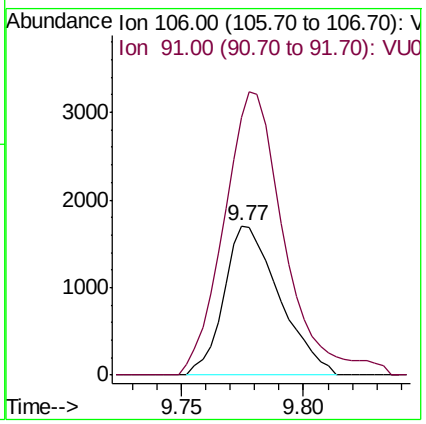


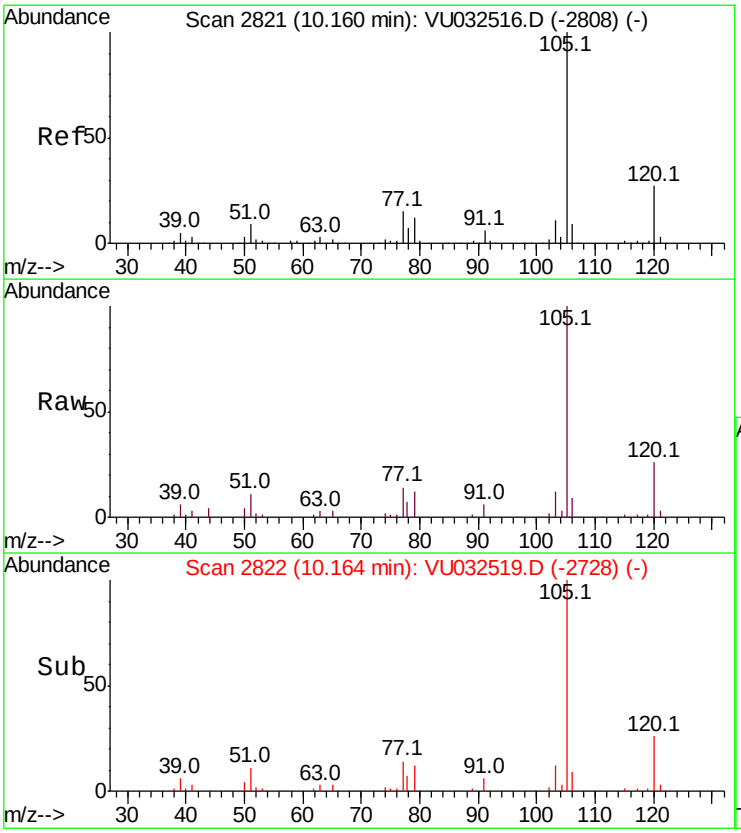
#54
o-xylene
Concen: 1.091 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Instrument :
MSVOA_U
ClientSampleId :
DB8J0

Tgt Ion:106 Resp: 2690

Ion	Ratio	Lower	Upper
106	100		
91	172.7	150.1	278.7

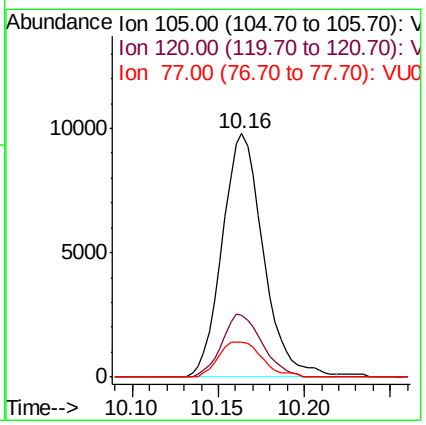


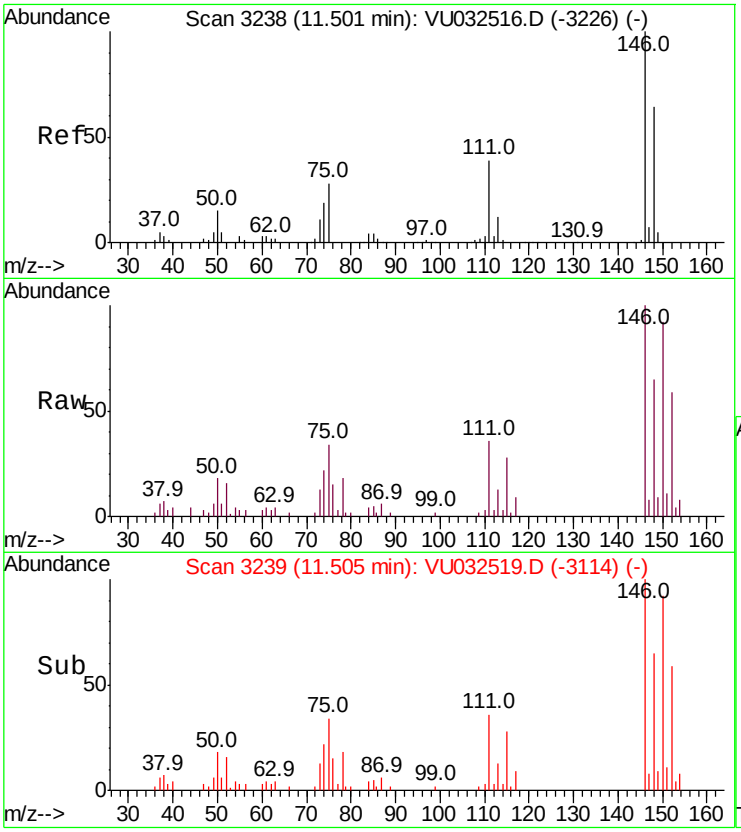


#56
Isopropylbenzene
Concen: 2.508 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Tgt Ion:105 Resp: 16298

Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.6	32.4
77	15.3	12.4	18.6



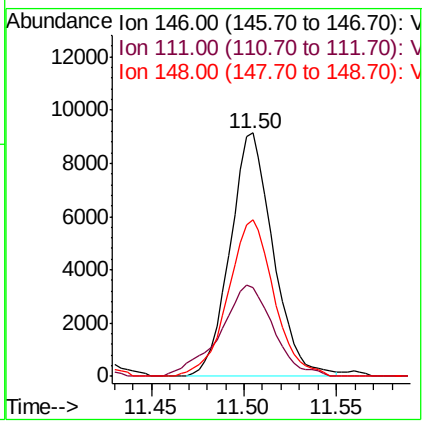


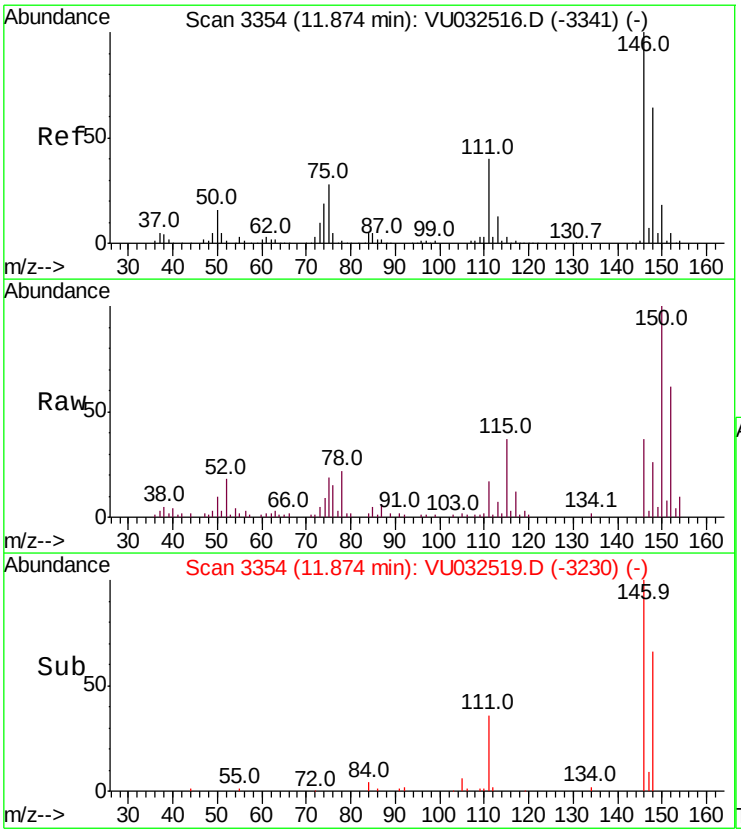
#63
1,4-Dichlorobenzene
Concen: 4.851 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Instrument :
MSVOA_U
ClientSampleId :
DB8J0

Tgt Ion:146 Resp: 14709

Ion	Ratio	Lower	Upper
146	100		
111	36.3	26.6	49.4
148	64.5	44.9	83.5





#65
1,2-Dichlorobenzene
Concen: 4.628 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU032519.D
Acq: 07 Jun 2019 00:35

Tgt Ion:146 Resp: 13876

Ion	Ratio	Lower	Upper
146	100		
111	44.3	32.6	48.8
148	69.8	50.5	75.7