Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011819\
Data File : VW008358.D
Acq On : 18 Jan 2019 16:09
Operator : SY/VA
Sample : K1015-09
Misc : 5.93G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-A

Quant Time: Jan 19 01:45:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	82091	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	160063	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	141148	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55929	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	55528	65.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 130.06%				
35) Dibromofluoromethane	7.88	113	53115	51.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.96%				
50) Toluene-d8	10.32	98	203615	50.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.46%				
62) 4-Bromofluorobenzene	12.62	95	63558	44.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.30%				
Target Compounds							Qvalue
11) Tert butyl alcohol	5.19	59	260	4.522	ug/l	#	67
13) Acrolein	3.89	56	447	15.044	ug/l	#	64
16) Acetone	4.13	43	10923	55.079	ug/l		100
18) Methyl Acetate	4.68	43	598	1.129	ug/l	#	51
20) Methylene Chloride	4.92	84	17036	16.109	ug/l		91
25) 2-Butanone	7.16	43	1513	5.957	ug/l		94
29) Tetrahydrofuran	7.54	42	397	2.507	ug/l	#	59
31) Cyclohexane	7.95	56	2651	1.662	ug/l	#	1
38) Carbon Tetrachloride	7.95	117	9344	5.876	ug/l	#	20
49) 1,4-Dioxane	9.40	88	131	13.779	ug/l	#	54
52) Toluene	10.38	92	15330	5.310	ug/l		96
68) m/p-Xylenes	11.84	106	3705	1.786	ug/l		86
69) o-Xylene	12.16	106	2582	1.332	ug/l		93
76) 1,2,3-Trichloropropane	12.62	75	32002	62.833	ug/l	#	1
80) 1,3,5-Trimethylbenzene	12.94	105	9612	2.827	ug/l		96
81) trans-1,4-Dichloro-2-buten	12.62	75	32002	149.946	ug/l	#	11
84) 1,2,4-Trimethylbenzene	13.26	105	17913	5.171	ug/l		99
90) Hexachloroethane	14.10	117	1082	1.558	ug/l	#	10
95) Naphthalene	15.37	128	1899	3.173	ug/l	#	92

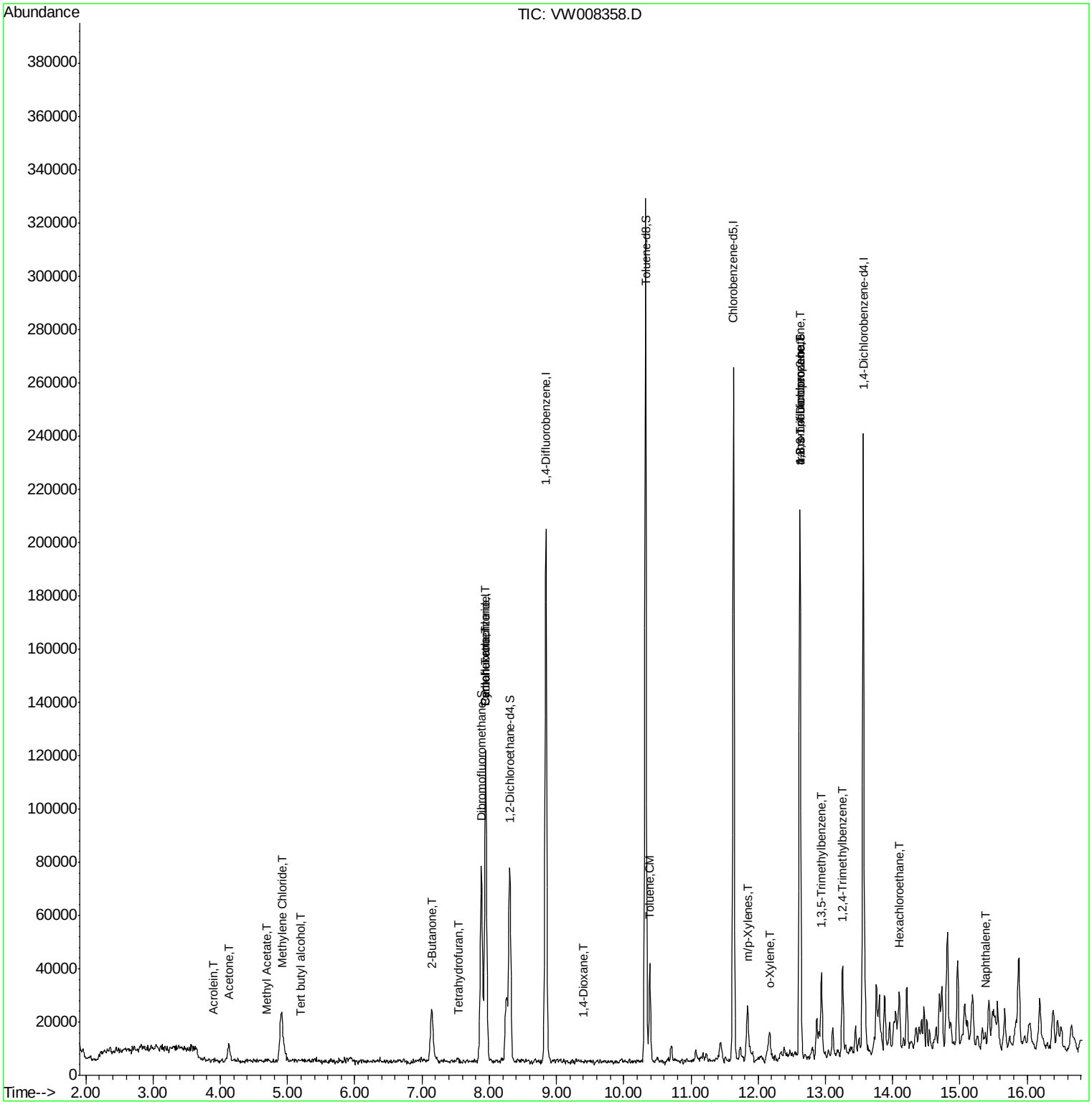
(#) = qualifier out of range (m) = manual integration (+) = signals summed

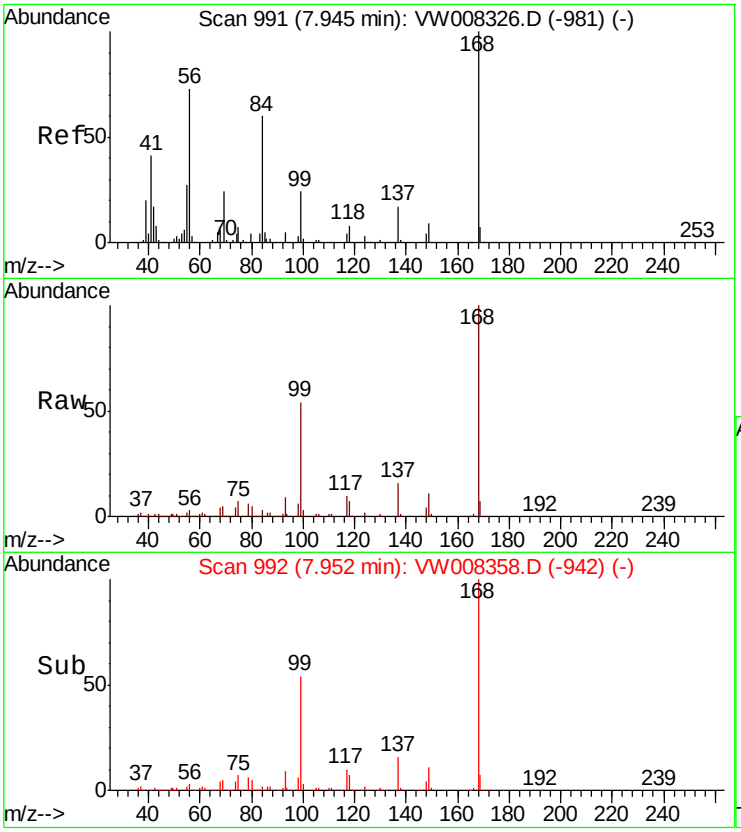
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011819\
Data File : VW008358.D
Acq On : 18 Jan 2019 16:09
Operator : SY/VA
Sample : K1015-09
Misc : 5.93G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-A

Quant Time: Jan 19 01:45:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration



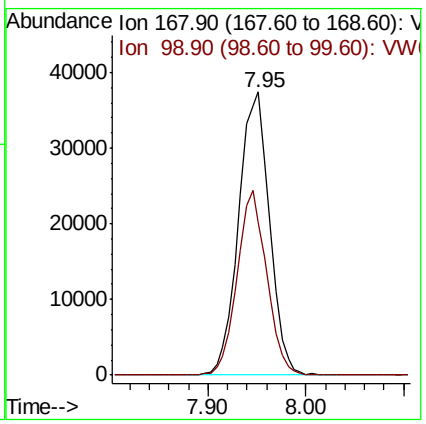


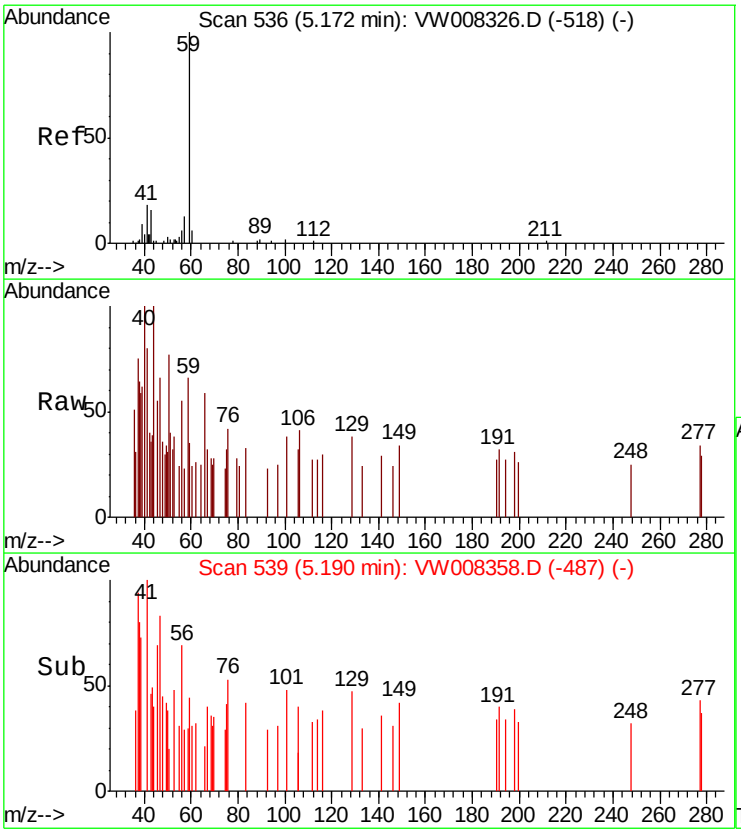
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-A

Tgt Ion:168 Resp: 82091

Ion	Ratio	Lower	Upper
168	100		
99	53.8	44.6	66.8

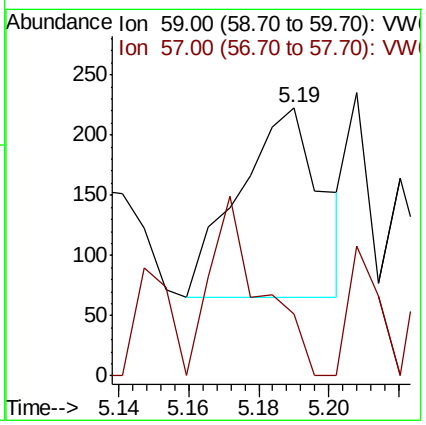


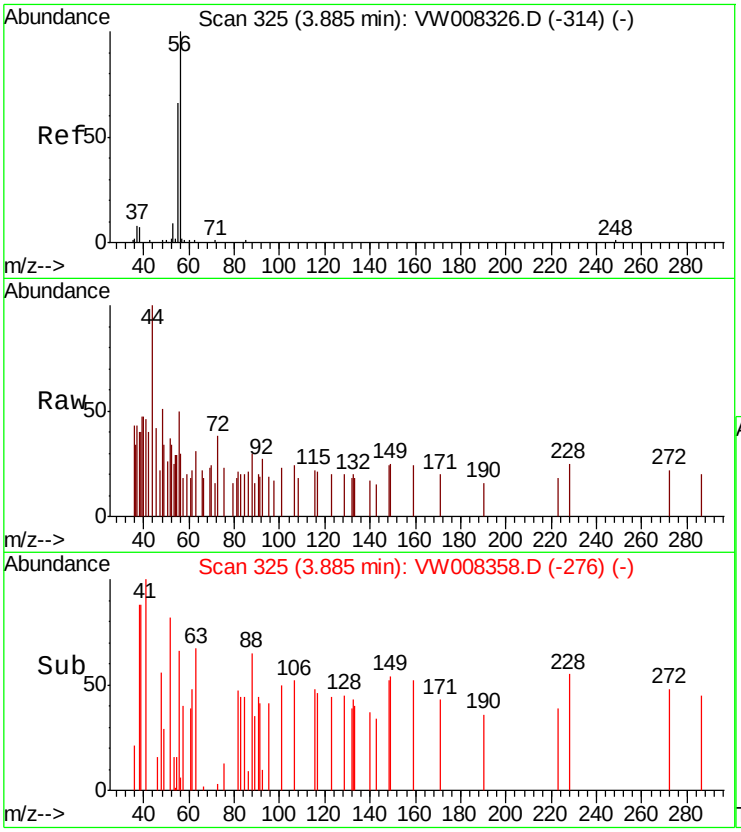


#11
Tert butyl alcohol
Concen: 4.522 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion: 59 Resp: 260

Ion	Ratio	Lower	Upper
59	100		
57	24.6	9.4	14.2#



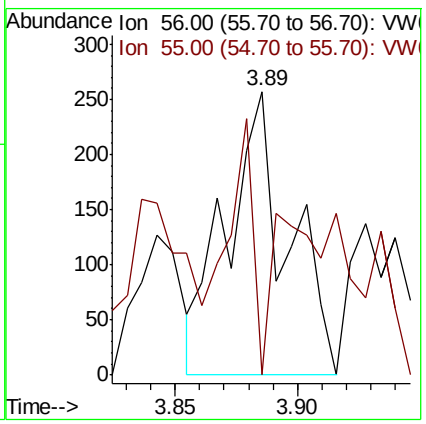


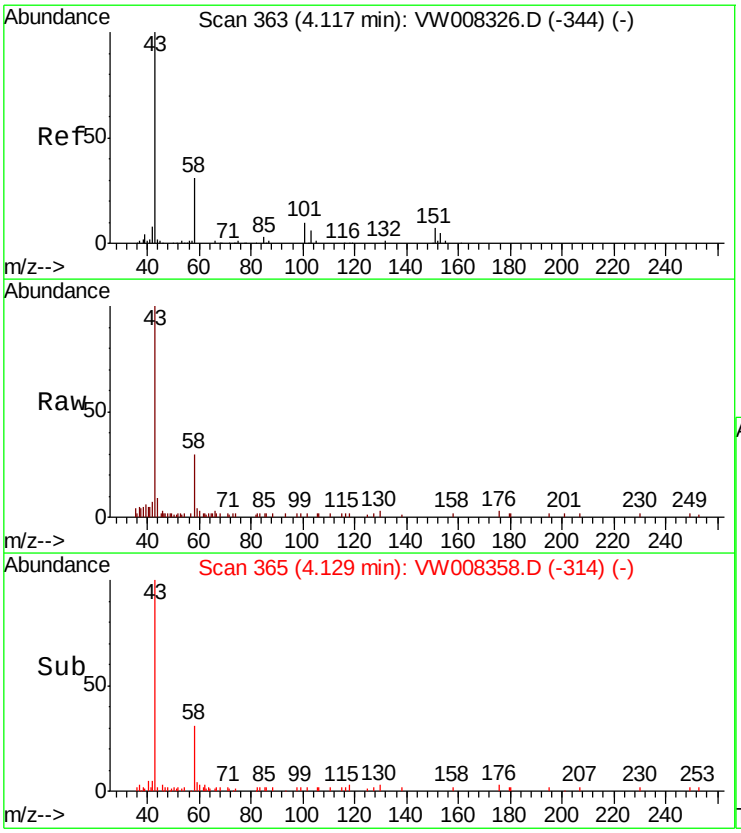
#13
Acrolein
Concen: 15.044 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-A

Tgt Ion: 56 Resp: 447

Ion	Ratio	Lower	Upper
56	100		
55	37.8	52.9	79.3#

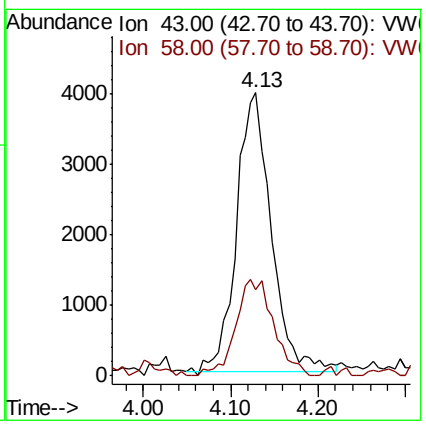


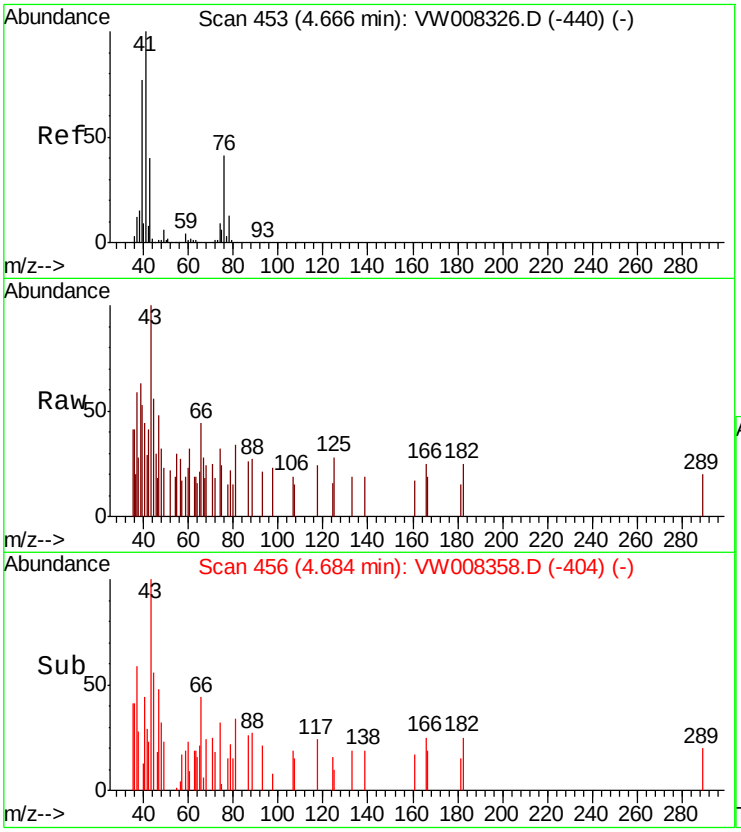


#16
Acetone
Concen: 55.079 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion: 43 Resp: 10923

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.7	37.1



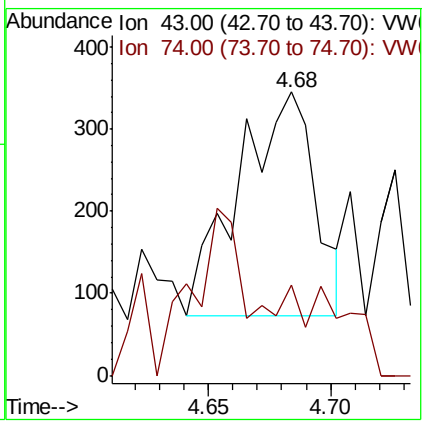


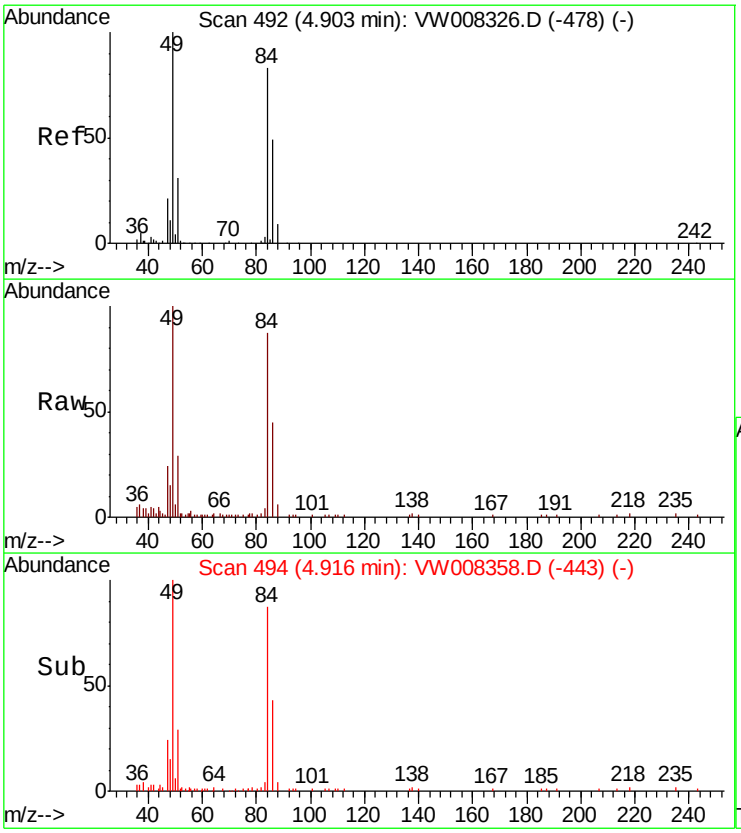
#18
Methyl Acetate
Concen: 1.129 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-A

Tgt Ion: 43 Resp: 598

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.0#

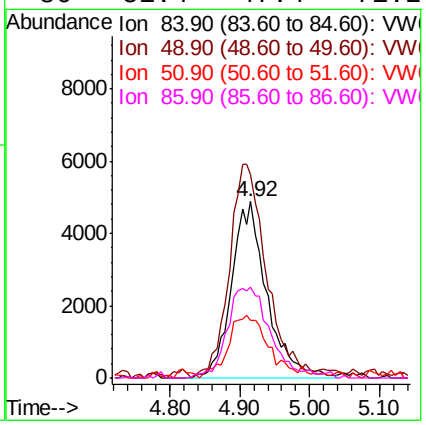


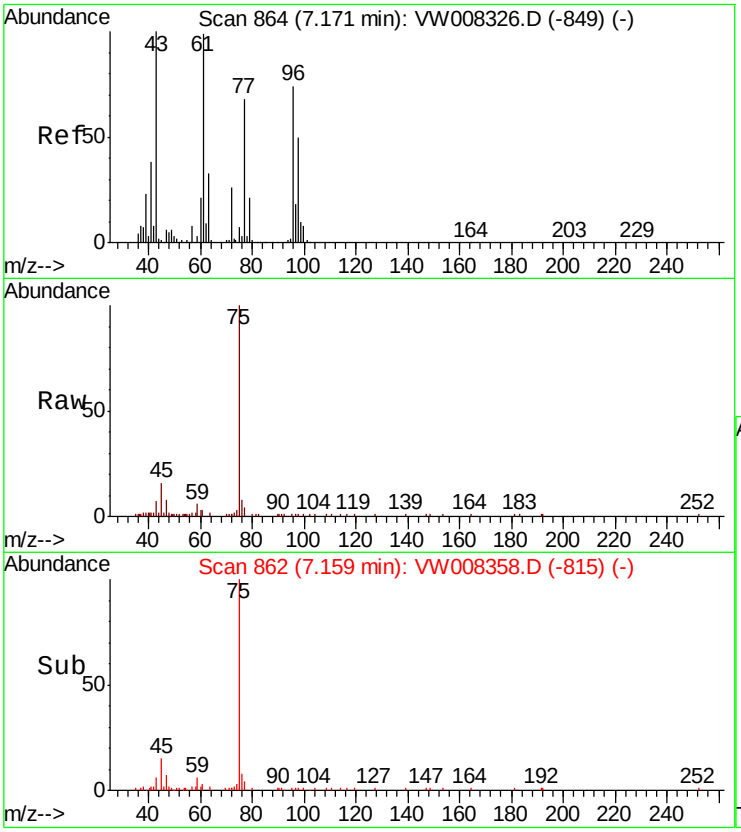


#20
Methylene Chloride
Concen: 16.109 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion: 84 Resp: 17036

Ion	Ratio	Lower	Upper
84	100		
49	112.5	95.9	143.9
51	29.9	29.3	43.9
86	51.4	47.4	71.2



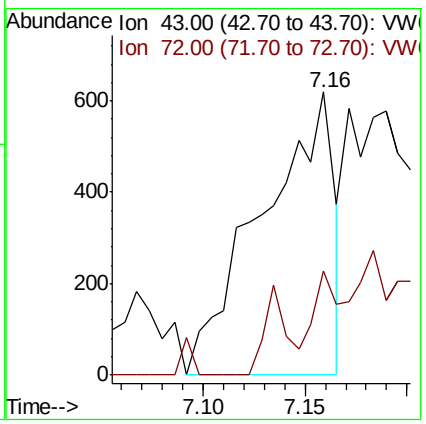


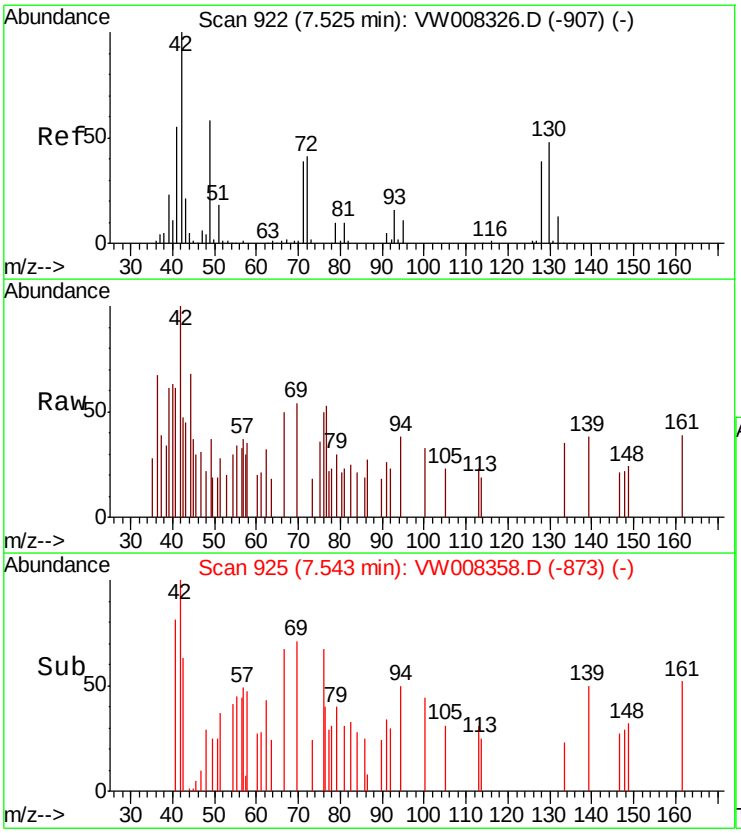
#25
2-Butanone
Concen: 5.957 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-A

Tgt Ion: 43 Resp: 1513

Ion	Ratio	Lower	Upper
43	100		
72	23.6	21.2	31.8

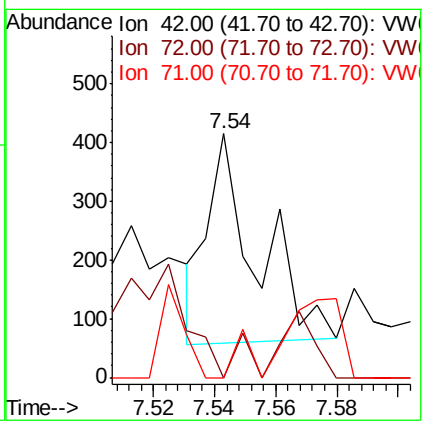


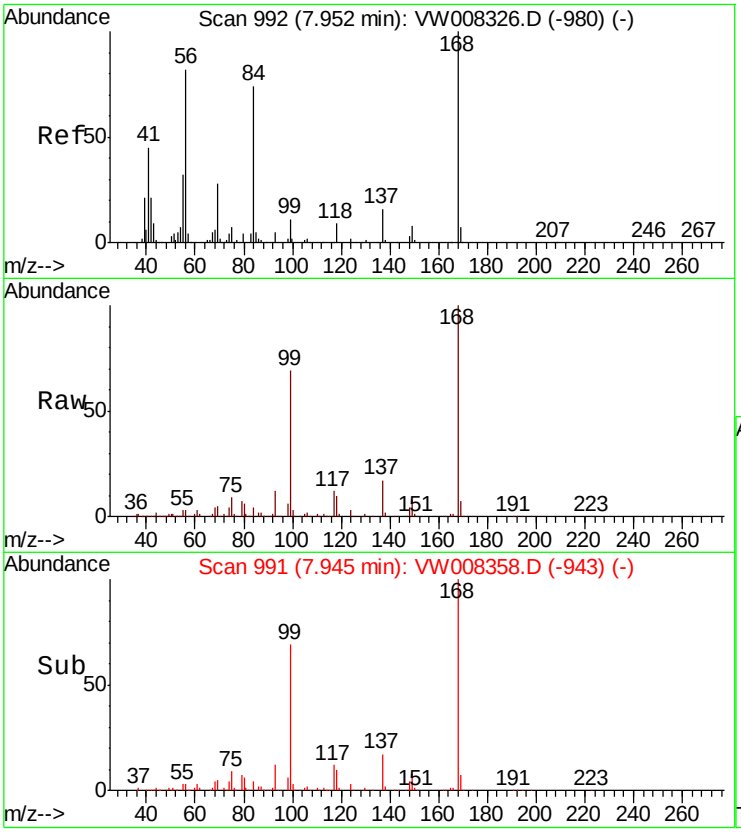


#29
Tetrahydrofuran
Concen: 2.507 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion: 42 Resp: 397

Ion	Ratio	Lower	Upper
42	100		
72	74.8	34.0	51.0#
71	21.2	32.0	48.0#



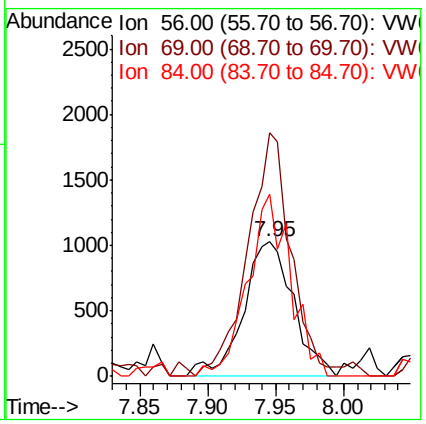


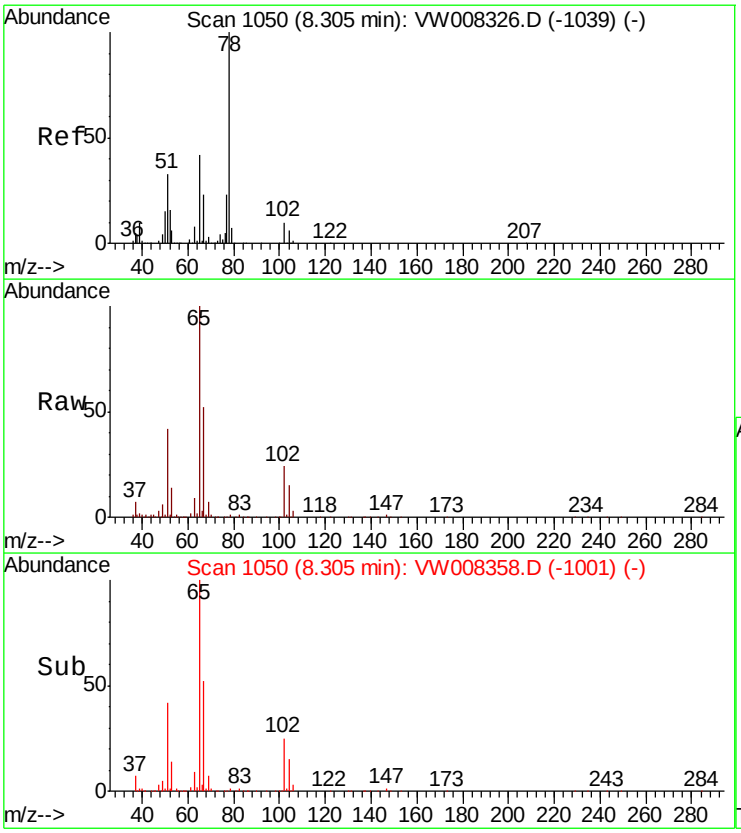
#31
Cyclohexane
Concen: 1.662 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-A

Tgt Ion: 56 Resp: 2651

Ion	Ratio	Lower	Upper
56	100		
69	175.1	27.0	40.6#
84	134.8	72.5	108.7#

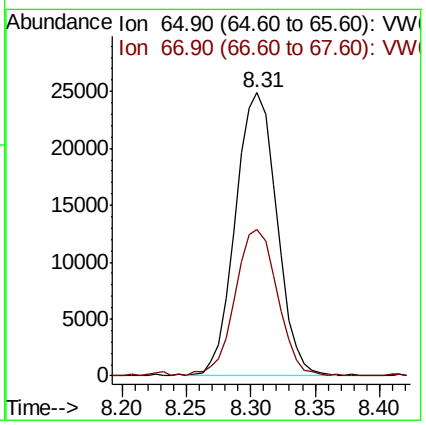


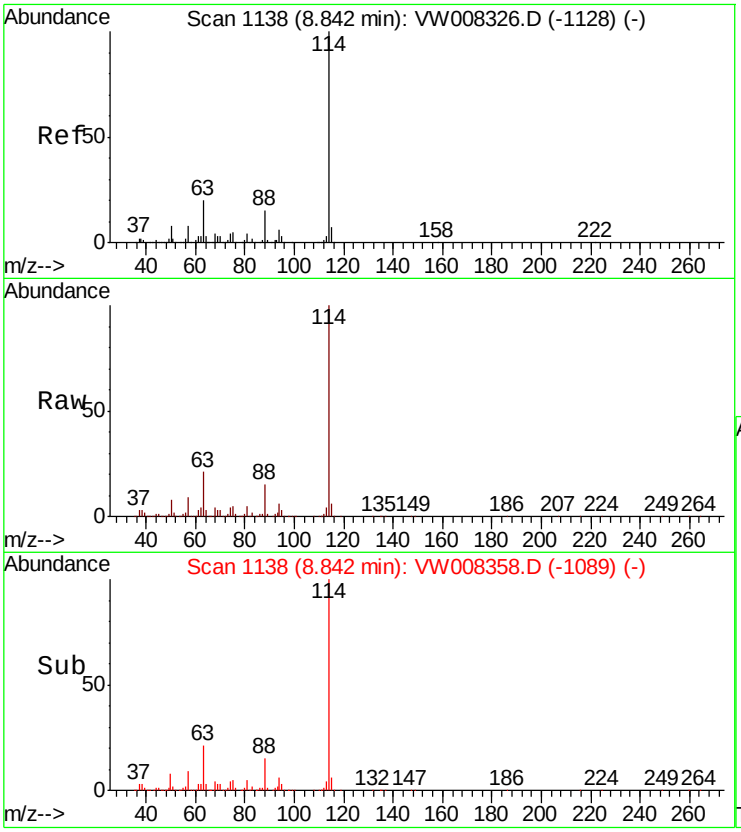


#33
1,2-Dichloroethane-d4
Concen: 65.026 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion: 65 Resp: 55528

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2



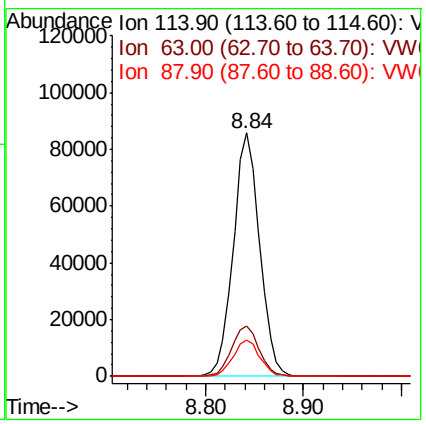


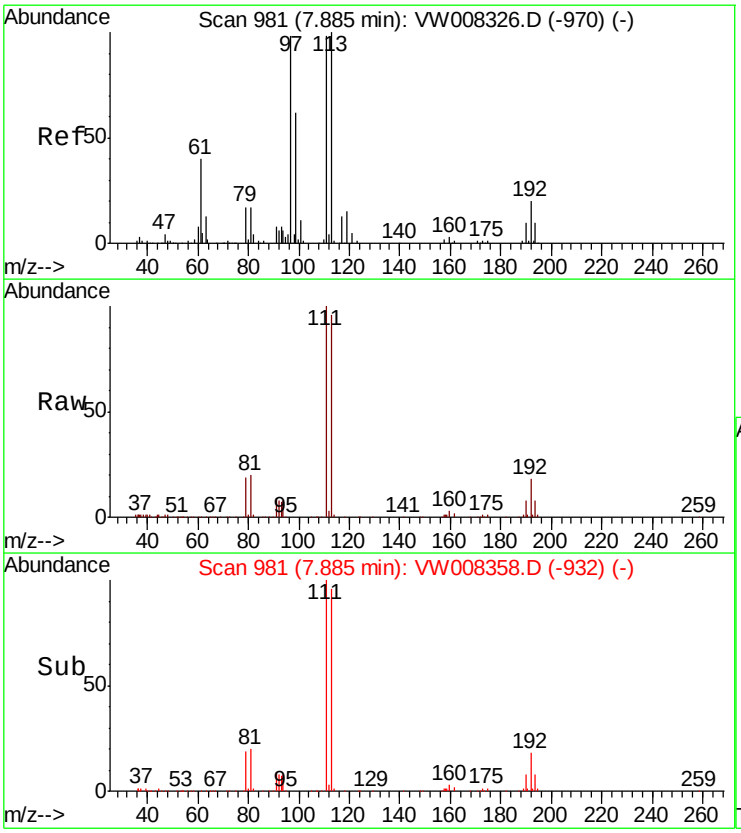
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-A

Tgt Ion:114 Resp: 160063

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	14.9	0.0	30.4

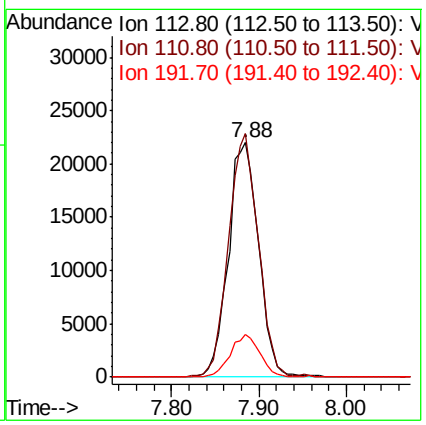


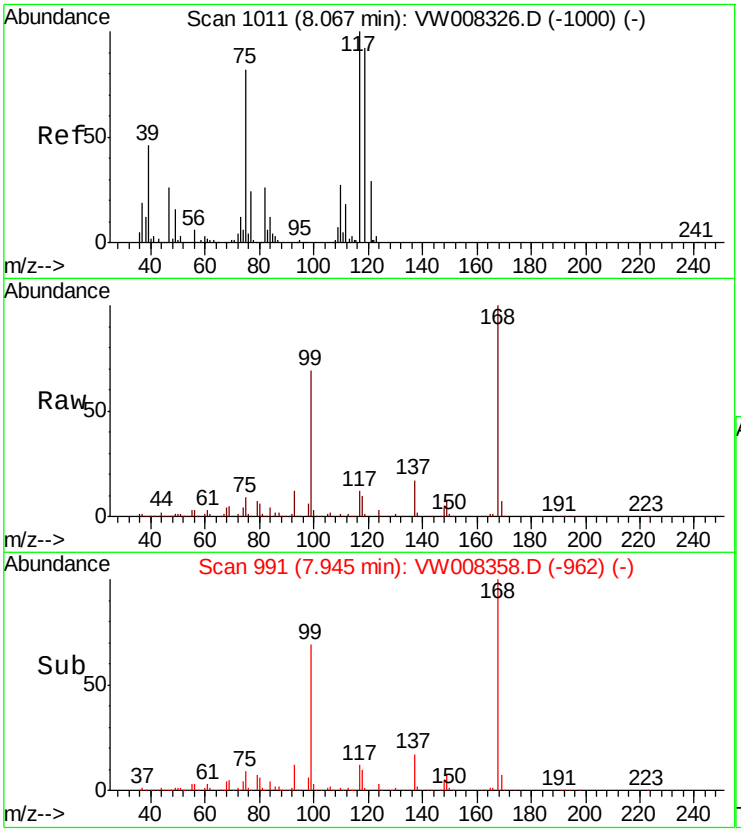


#35
Dibromofluoromethane
Concen: 51.985 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion:113 Resp: 53115

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.8
192	17.6	16.3	24.5



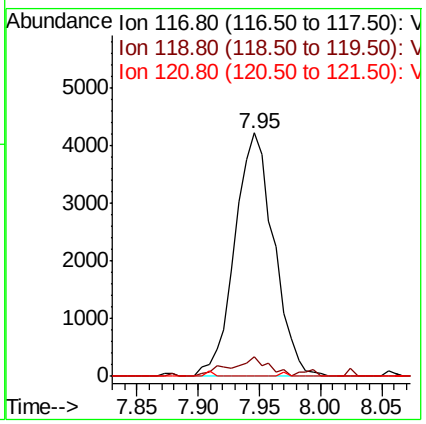


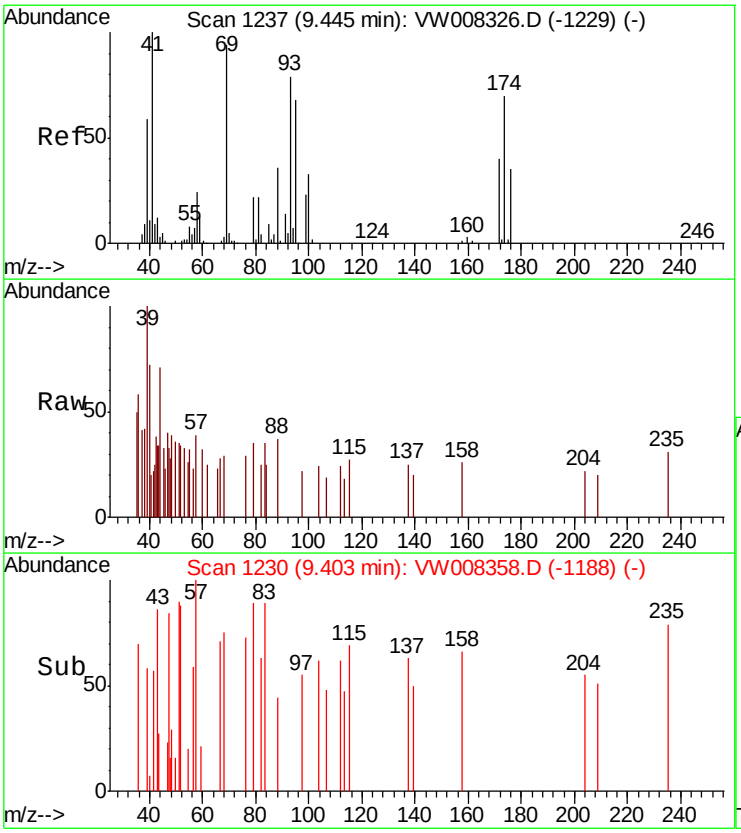
#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-A

Tgt Ion:117 Resp: 9344

Ion	Ratio	Lower	Upper
117	100		
119	8.1	73.8	110.6#
121	0.0	23.4	35.0#

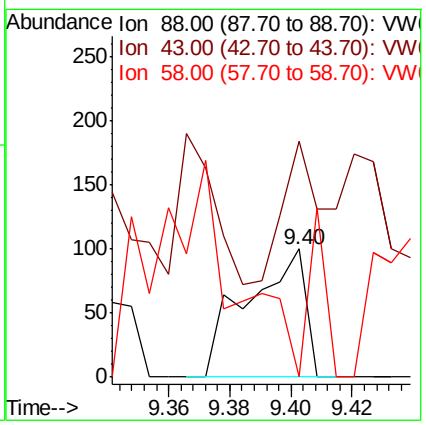


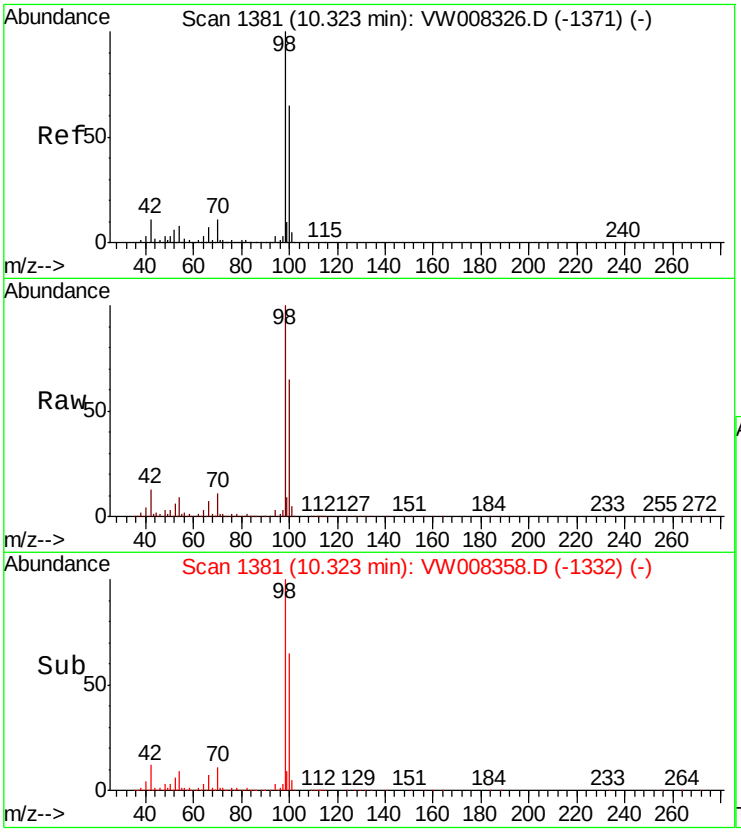


#49
1,4-Dioxane
Concen: 13.779 ug/l
RT: 9.40 min Scan# 1230
Delta R.T. -0.04 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion: 88 Resp: 131

Ion	Ratio	Lower	Upper
88	100		
43	63.4	27.1	40.7#
58	36.6	57.9	86.9#



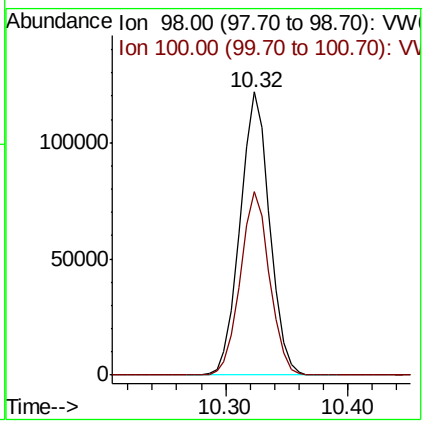


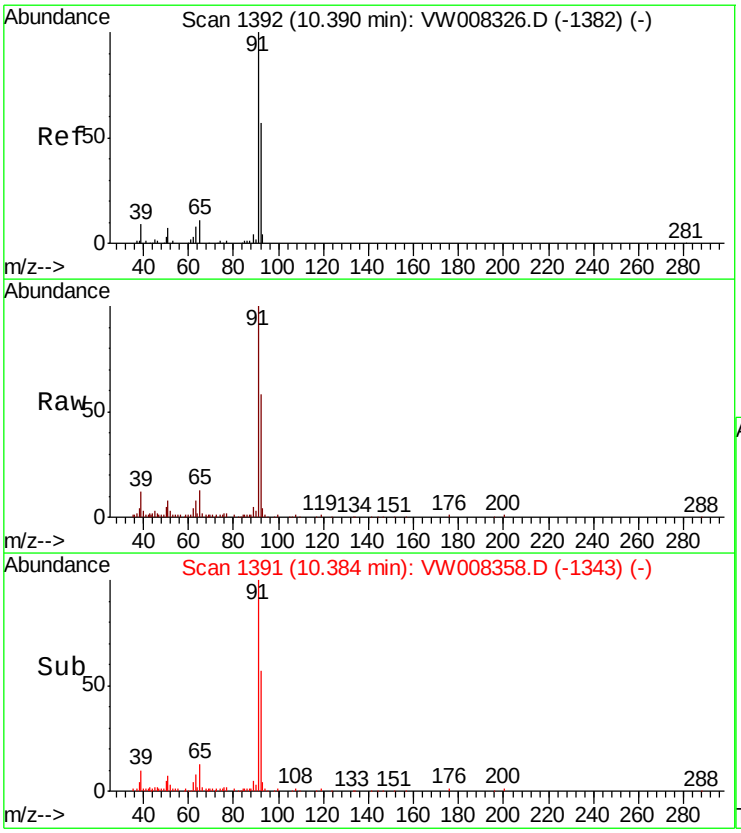
#50
Toluene-d8
Concen: 50.727 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-A

Tgt Ion: 98 Resp: 203615

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.8	77.8

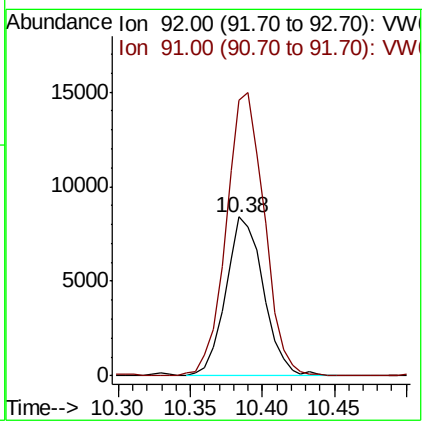


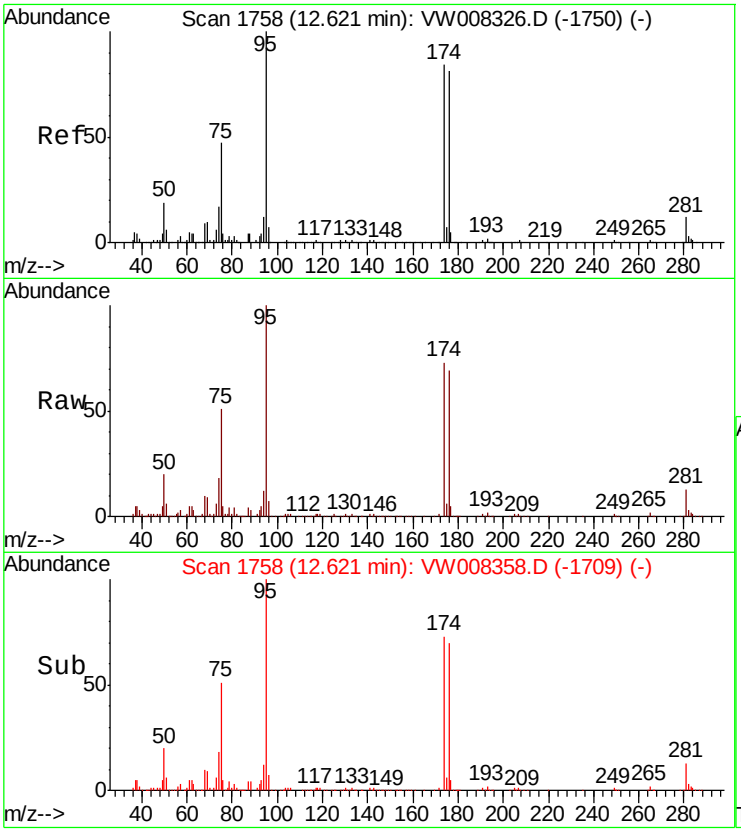


#52
Toluene
Concen: 5.310 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion: 92 Resp: 15330

Ion	Ratio	Lower	Upper
92	100		
91	180.4	140.2	210.2



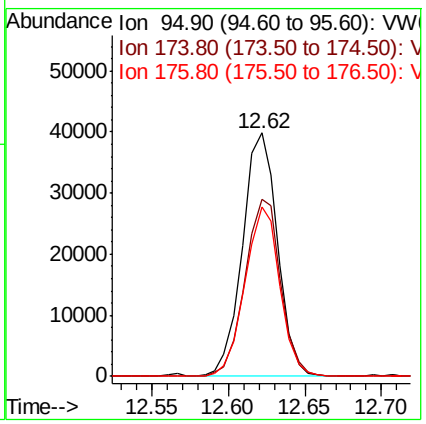


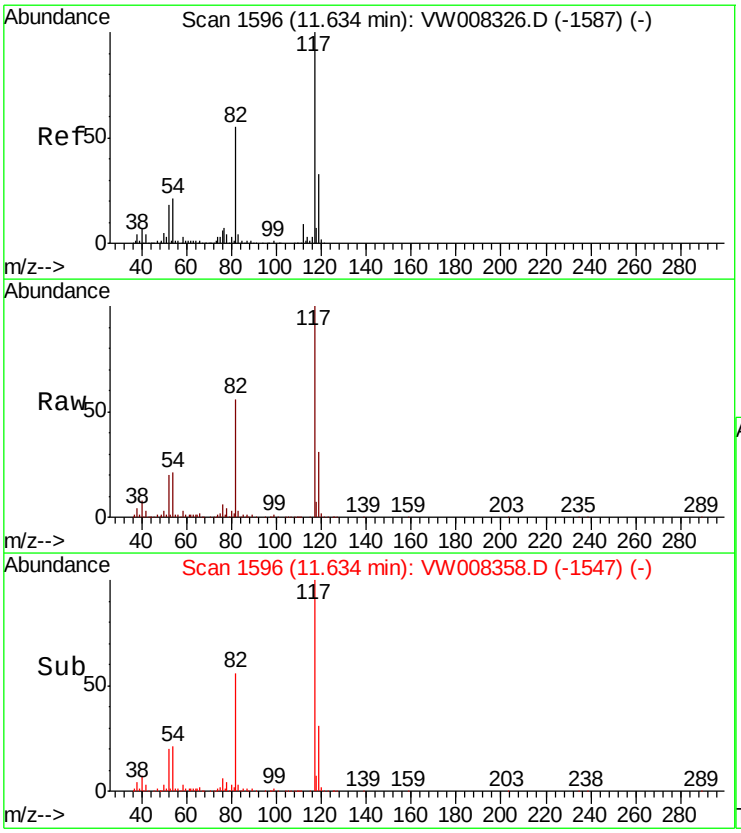
#62
4-Bromofluorobenzene
Concen: 44.150 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-A

Tgt Ion: 95 Resp: 63558

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	166.0
176	69.2	0.0	160.0

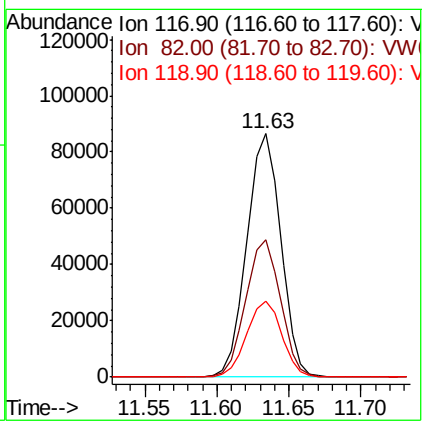


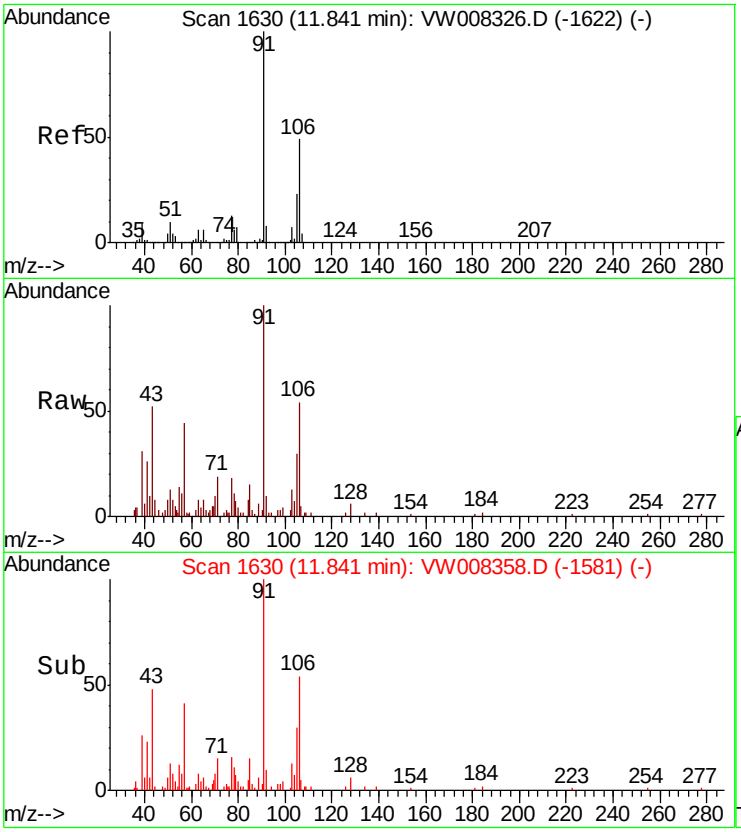


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion:117 Resp: 141148

Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.3	66.5
119	31.4	26.3	39.5



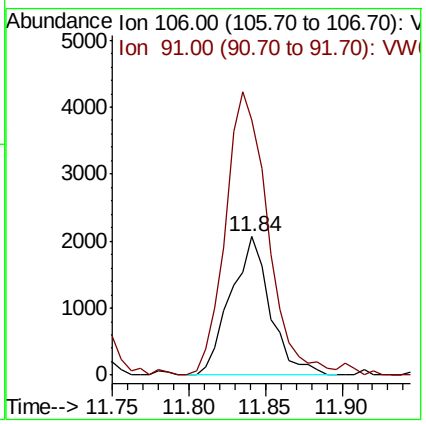


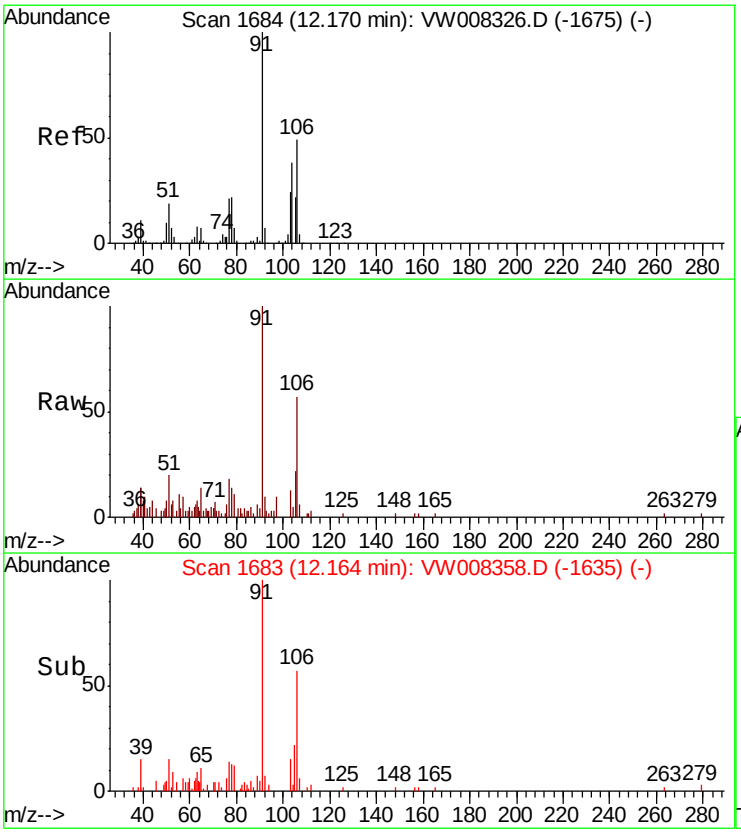
#68
m/p-Xylenes
Concen: 1.786 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-A

Tgt Ion:106 Resp: 3705

Ion	Ratio	Lower	Upper
106	100		
91	219.1	158.4	237.6

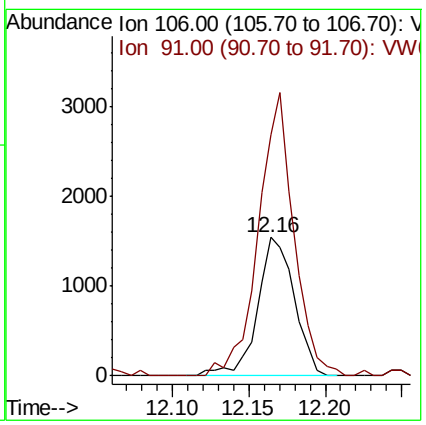


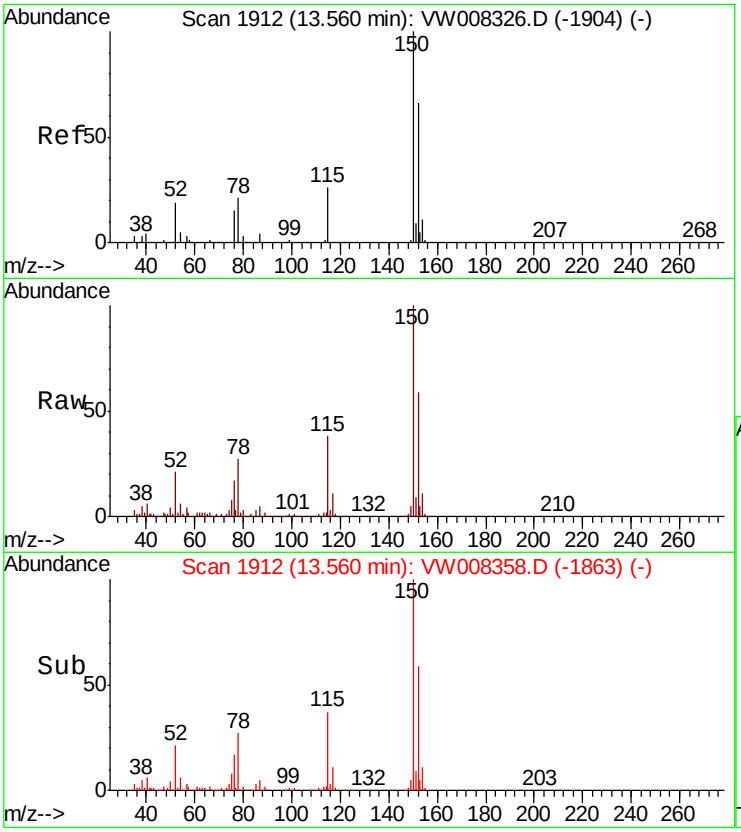


#69
o-Xylene
Concen: 1.332 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion:106 Resp: 2582

Ion	Ratio	Lower	Upper
106	100		
91	197.1	104.1	312.3



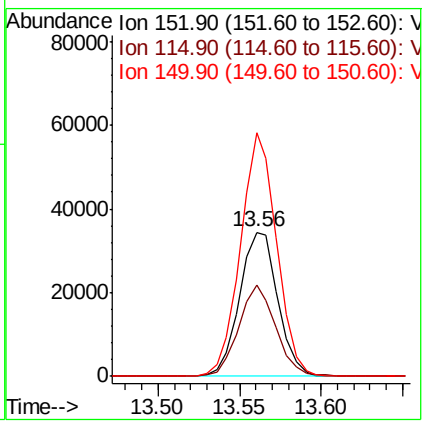


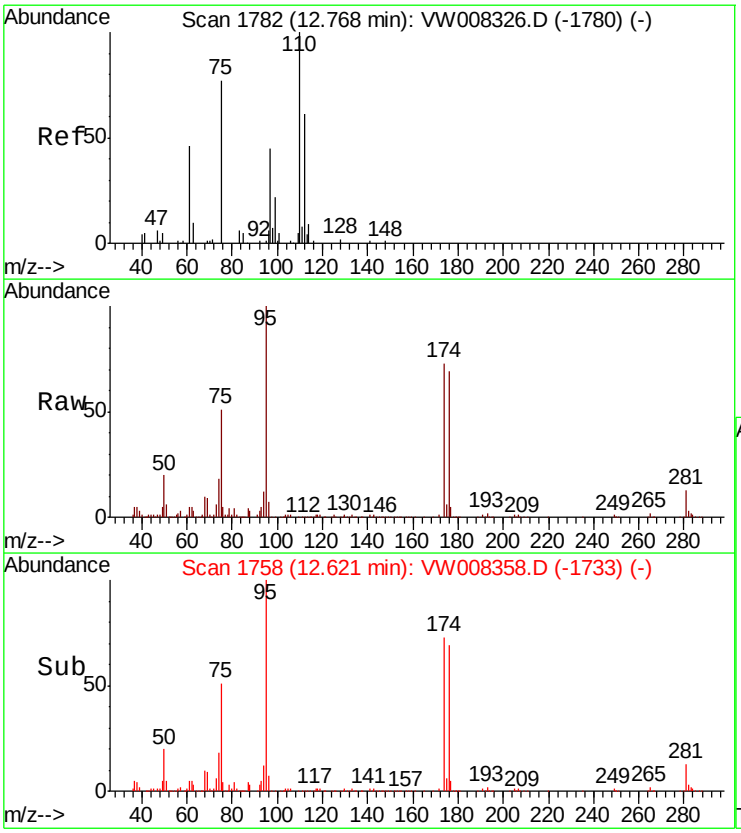
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-A

Tgt Ion:152 Resp: 55929

Ion	Ratio	Lower	Upper
152	100		
115	61.5	28.8	86.4
150	160.3	0.0	351.4

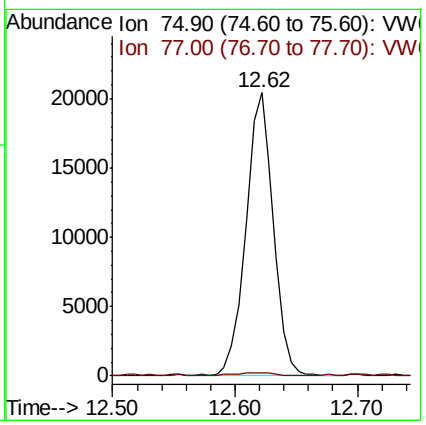


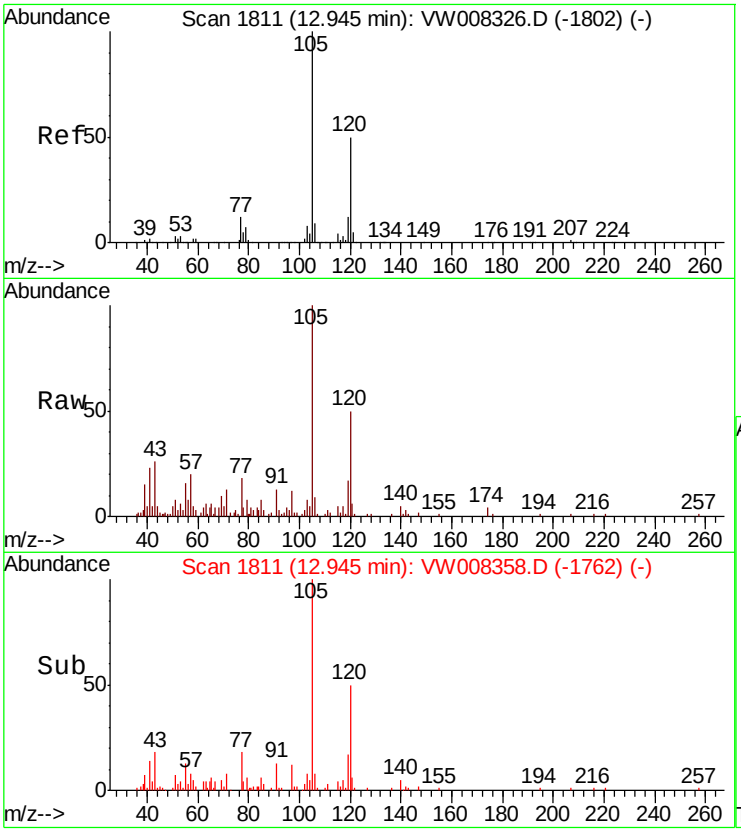


#76
1,2,3-Trichloropropane
Concen: 62.833 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion: 75 Resp: 32002

Ion	Ratio	Lower	Upper
75	100		
77	1.8	175.3	526.1#



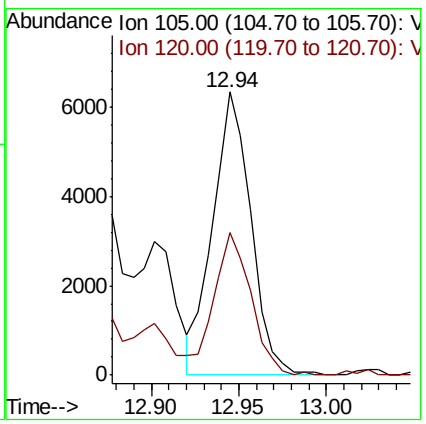


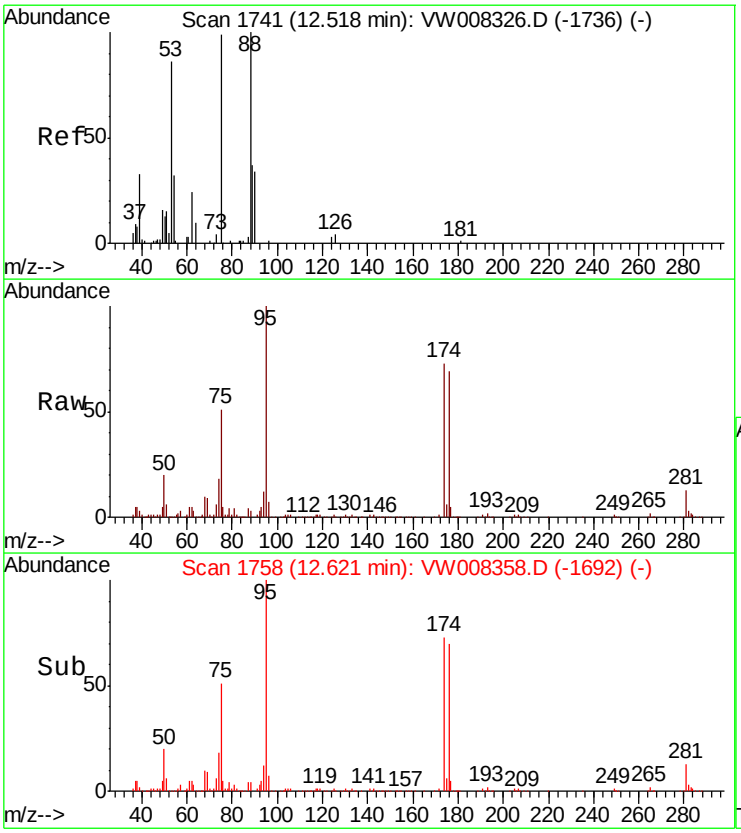
#80
1,3,5-Trimethylbenzene
Concen: 2.827 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-A

Tgt Ion:105 Resp: 9612

Ion	Ratio	Lower	Upper
105	100		
120	48.7	25.6	76.8

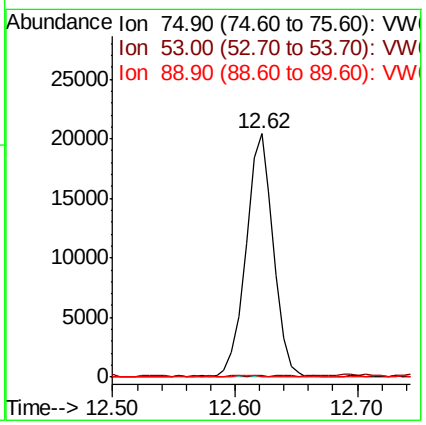


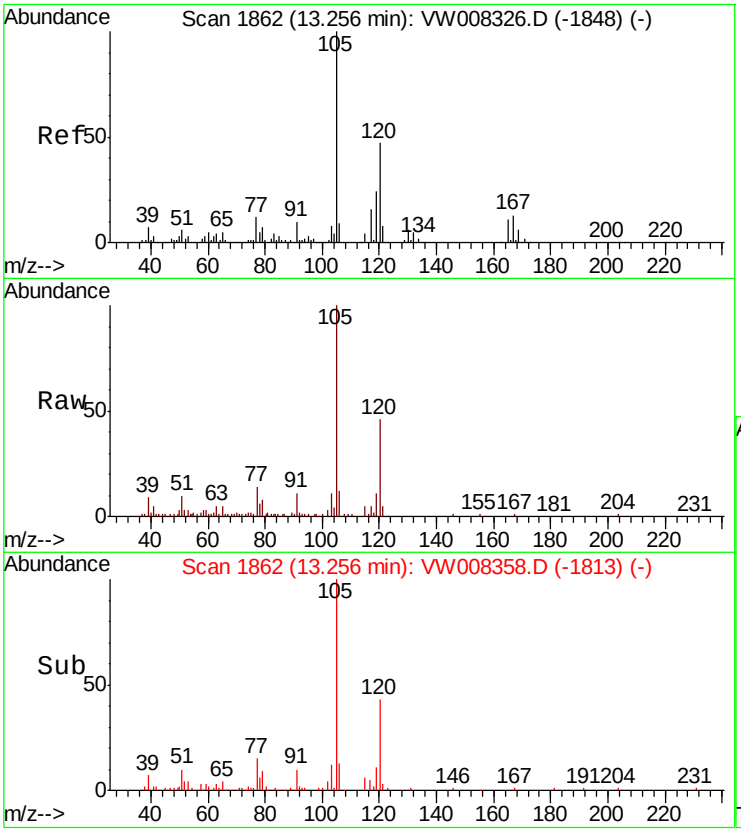


#81
trans-1,4-Dichloro-2-butene
Concen: 149.946 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion: 75 Resp: 32002

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.2	114.4#
89	0.0	36.7	55.1#



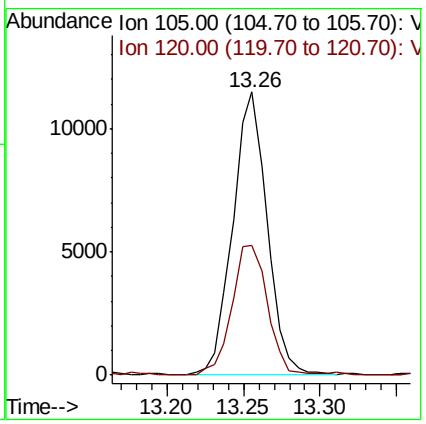


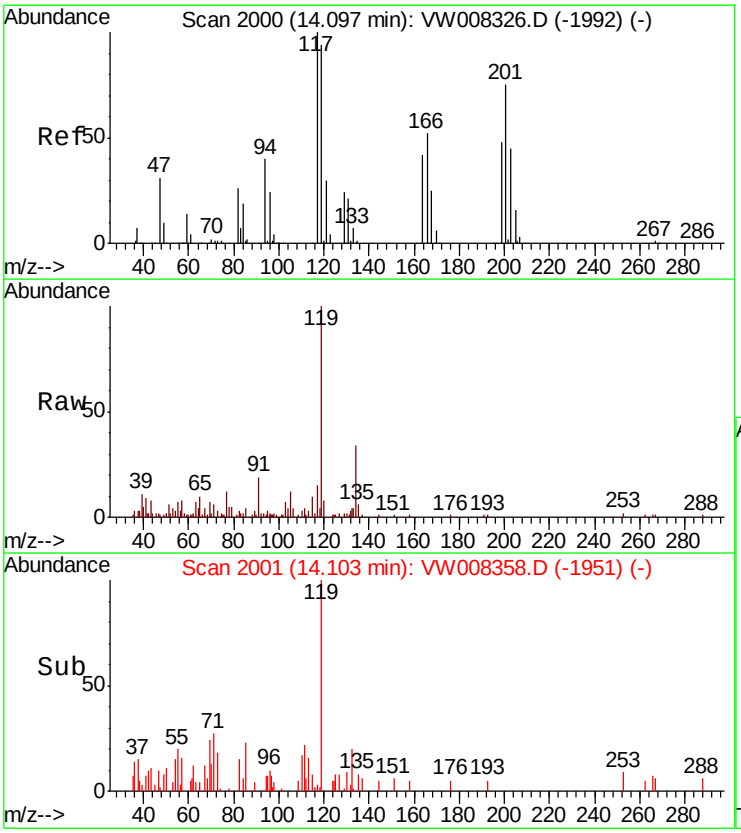
#84
1,2,4-Trimethylbenzene
Concen: 5.171 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-A

Tgt Ion:105 Resp: 17913

Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.5	70.6

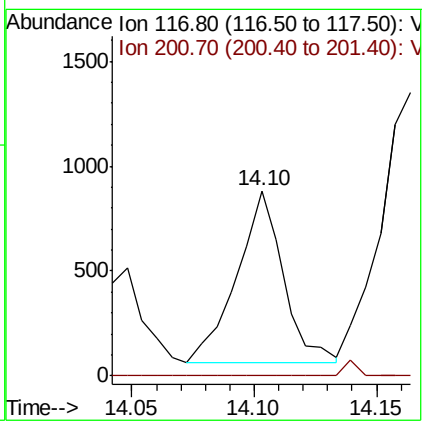


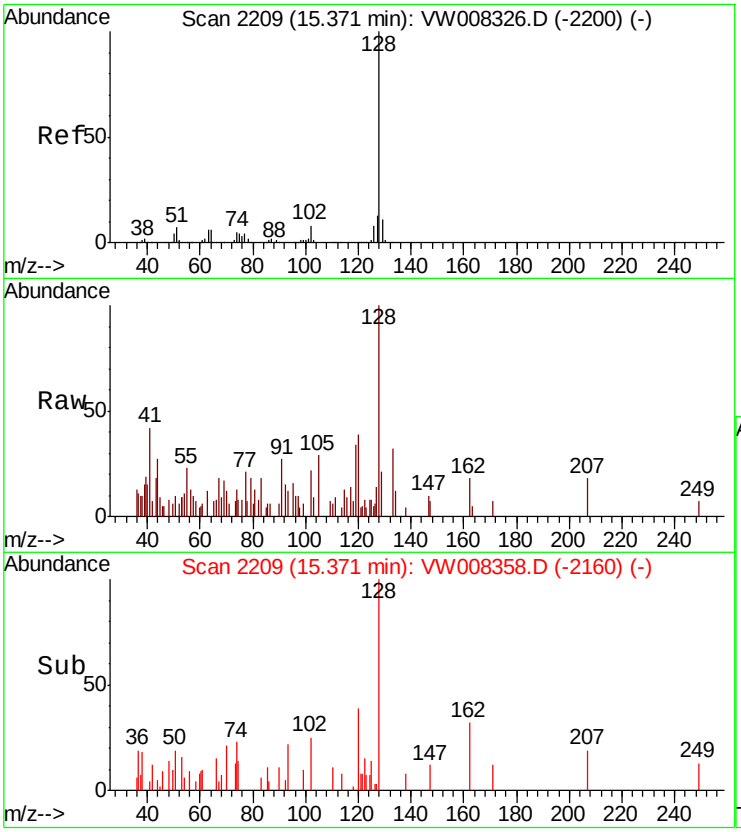


#90
Hexachloroethane
Concen: 1.558 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Tgt Ion:117 Resp: 1082

Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.3	117.9#





#95
Naphthalene
Concen: 3.173 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008358.D
Acq: 18 Jan 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-A

Tgt Ion:128 Resp: 1899

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.5	15.7
129	15.9	8.8	13.2#