

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009879.D
 Acq On : 10 Apr 2019 13:00
 Operator : SY/VA
 Sample : K2254-19
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC40

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:47:02 PM

Quant Time: Apr 11 02:26:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 08:15:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394703	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	221393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49526	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124479	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
7) Chloroethane-d5	2.89	69	116446	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
10) 1,1-Dichloroethene-d2	4.01	63	197411	17.77	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.08%
20) 2-Butanone-d5	7.07	46	120990	72.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.30%#
24) Chloroform-d	7.65	84	282678	26.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	8.30	65	186472m	28.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.80%
29) Benzene-d6	8.27	84	465966	40.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	160.36%#
33) 1,2-Dichloropropane-d6	9.27	67	153133	42.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	170.64%#
37) Toluene-d8	10.32	98	280142	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.28%
38) trans-1,3-Dichloropropene-	10.57	79	55586	32.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.88%
39) 2-Hexanone-d5	10.93	63	76816	113.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	227.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93200	27.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	43694	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	367449	204.501	ug/L	100
14) Carbon disulfide	4.37	76	32247	1.979	ug/L	96
16) Methylene chloride	4.90	84	23560	3.385	ug/L	92
21) 2-Butanone	7.17	43	119558	52.318	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	19391	7.321	ug/L	100
44) Toluene	10.38	91	37452	2.654	ug/L	99
53) Ethylbenzene	11.73	91	70124	4.363	ug/L	94
54) m,p-Xylene	11.84	106	43592	7.332	ug/L	88
55) o-xylene	12.17	106	39448	6.967	ug/L	96
56) Styrene	12.18	104	9842	1.002	ug/L	85
57) Isopropylbenzene	12.47	105	18717	1.207	ug/L #	57

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

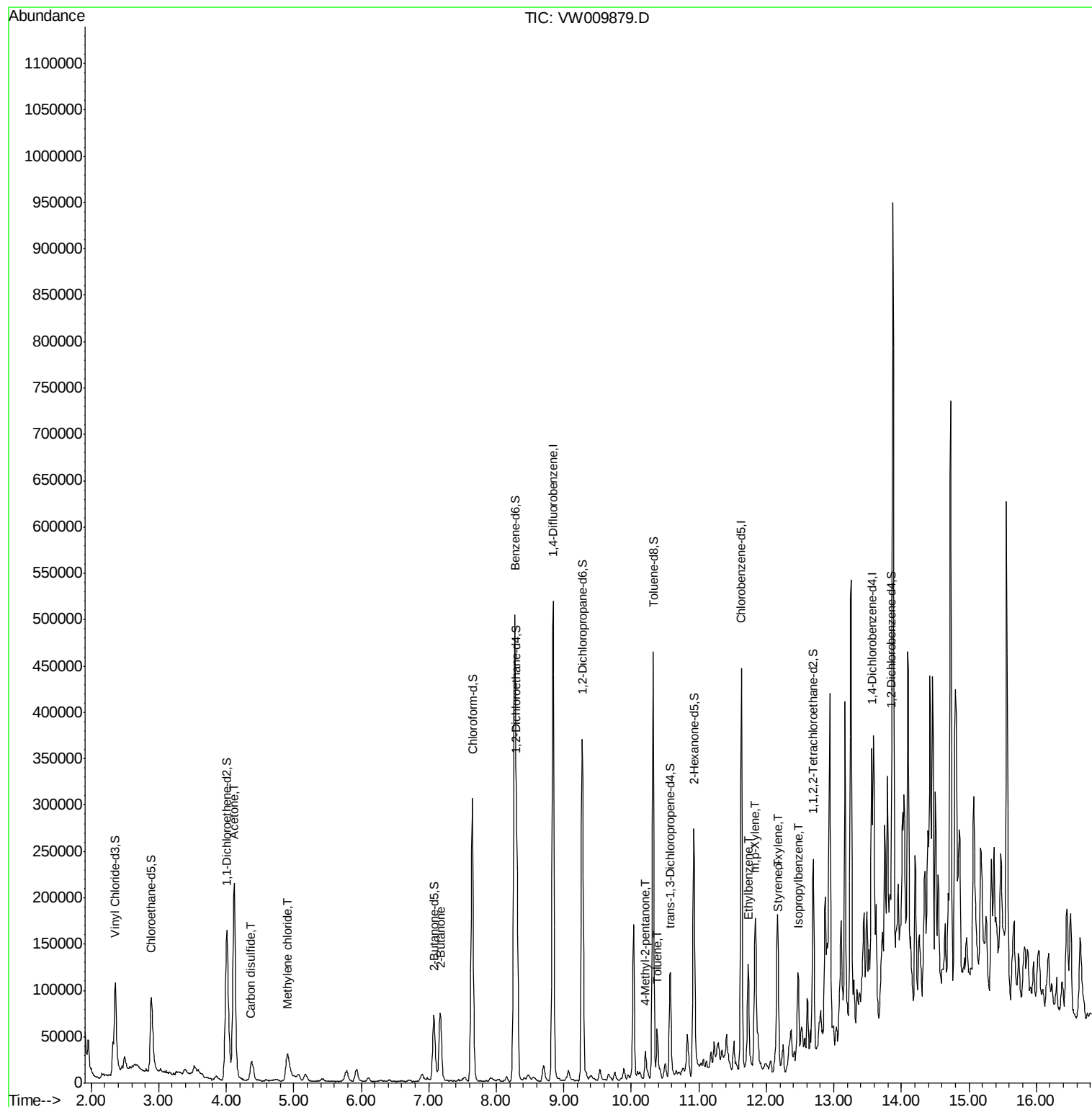
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
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ALS Vial : 2 Sample Multiplier: 1

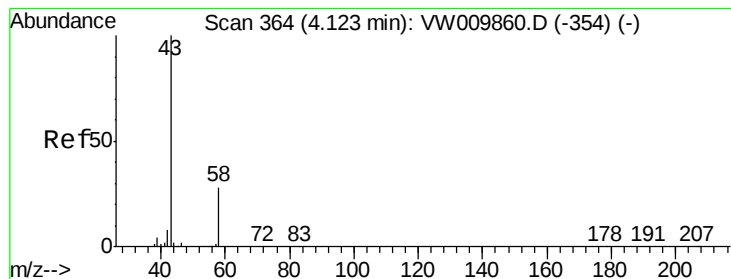
Instrument :
MSVOA_W
ClientSampleId :
BFC40

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Quant Time: Apr 11 02:26:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 08:15:04 2019
Response via : Initial Calibration





#13

Acetone

Concen: 204.501 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009879.D

Acq: 10 Apr 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

BFC40

Tot Ion: 43 Resp: 367449

Ion Ratio Lower Upper

43 100

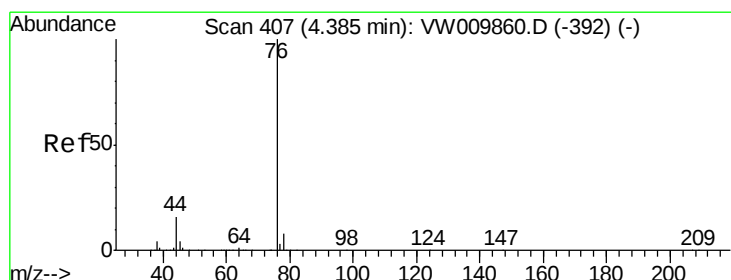
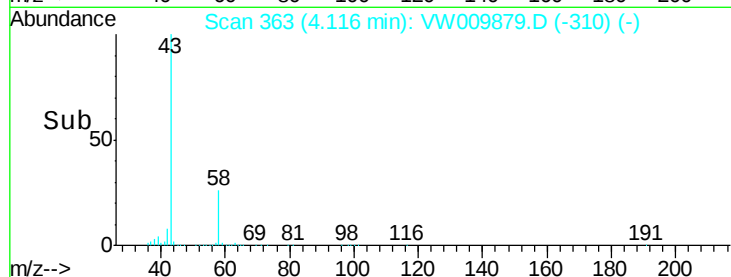
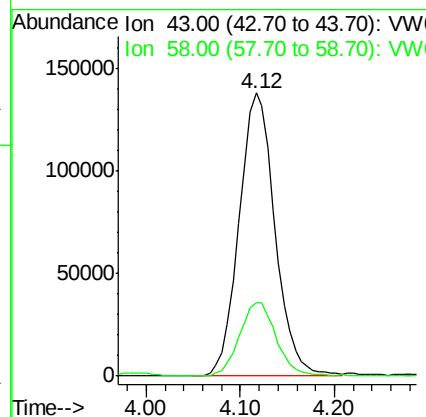
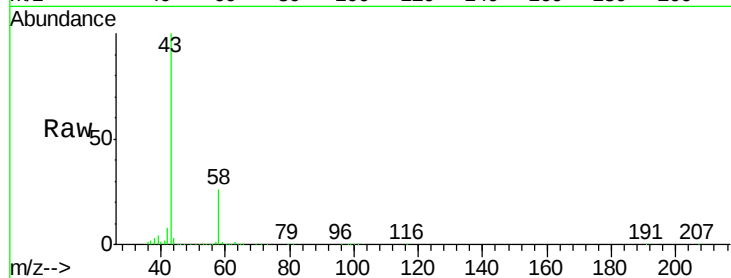
58 26.6 0.0 53.0

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#14

Carbon disulfide

Concen: 1.979 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009879.D

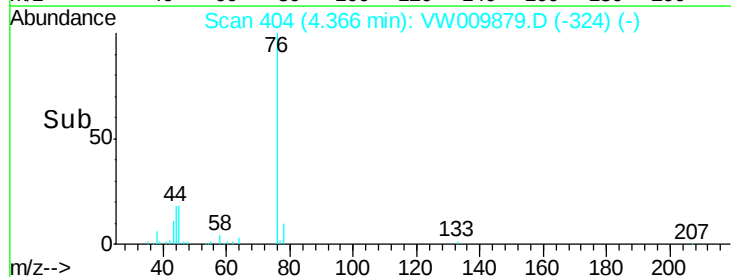
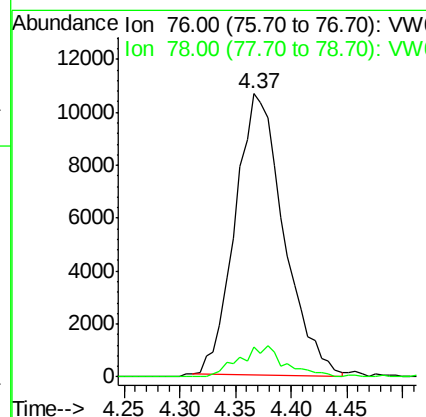
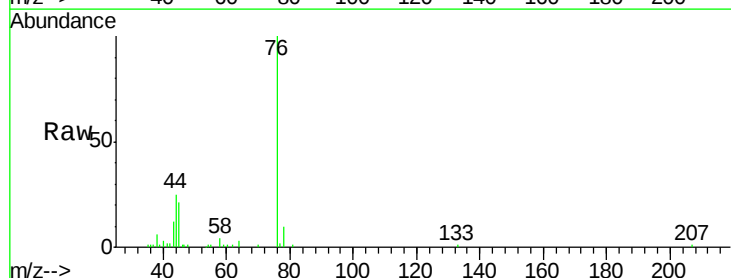
Acq: 10 Apr 2019 13:00

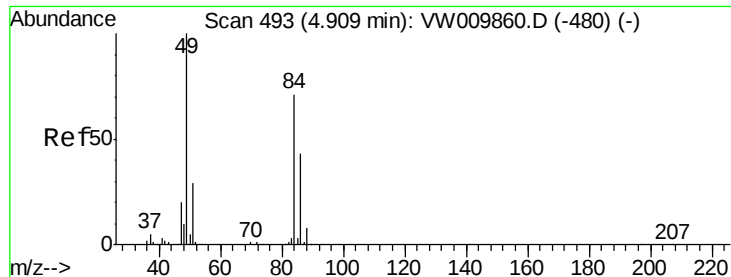
Tgt Ion: 76 Resp: 32247

Ion Ratio Lower Upper

76 100

78 10.4 7.3 10.9





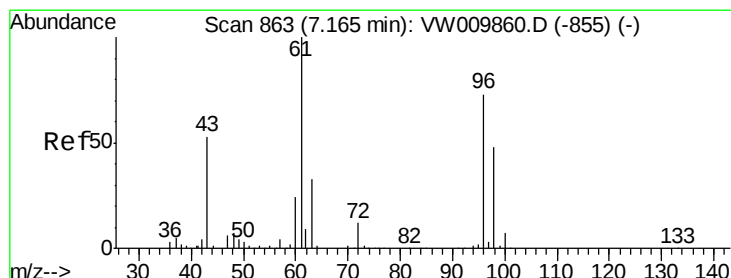
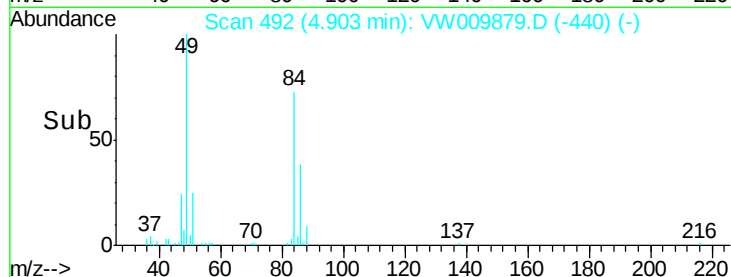
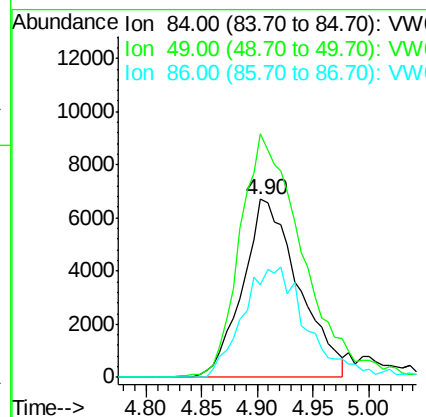
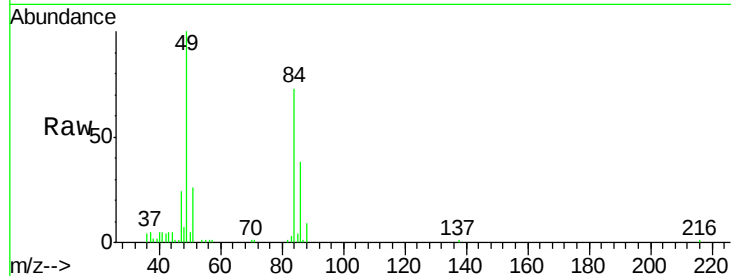
#16
Methylene chloride
Concen: 3.385 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009879.D
Acq: 10 Apr 2019 13:00

Instrument :
MSVOA_W
ClientSampleId :
BFC40

Tot Ion	Ratio	Lower	Upper
84	100		
49	136.8	98.3	182.5
86	52.3	46.4	86.2

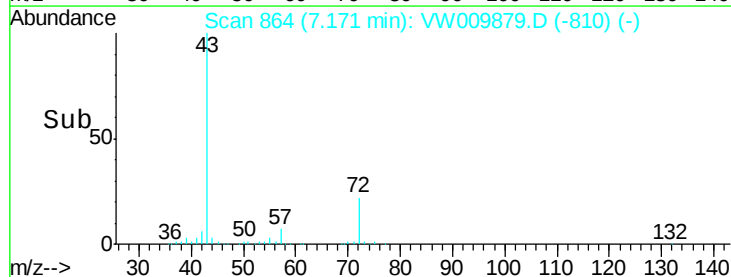
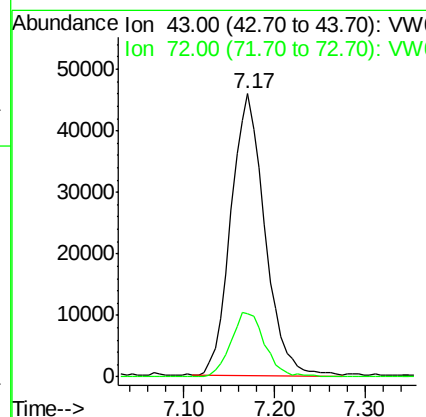
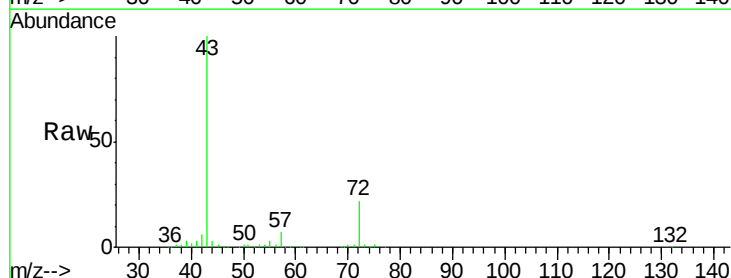
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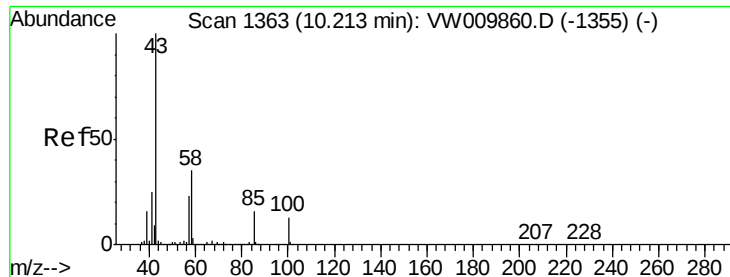
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#21
2-Butanone
Concen: 52.318 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW009879.D
Acq: 10 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.5	12.0	36.1





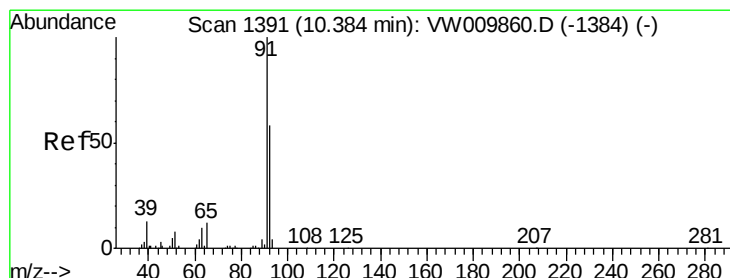
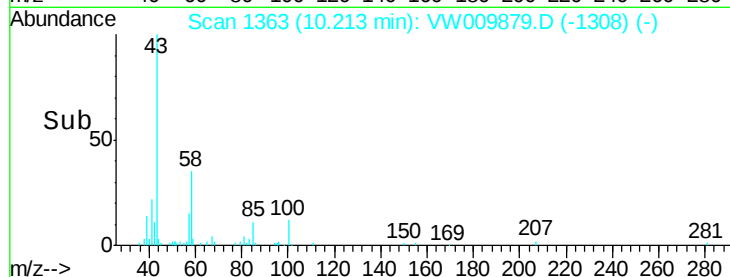
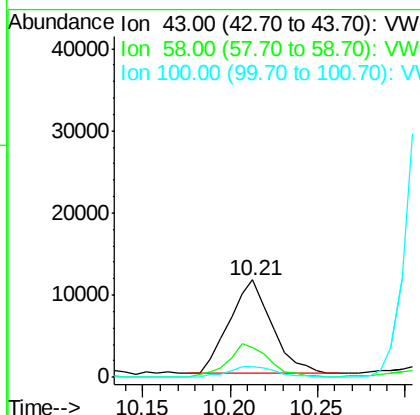
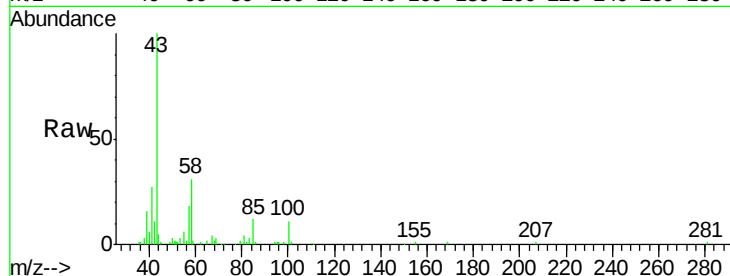
#43
4-Methyl-2-pentanone
Concen: 7.321 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW009879.D
Acq: 10 Apr 2019 13:00

Instrument :
MSVOA_W
ClientSampleId :
BFC40

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.2	42.4
100	13.4	10.9	16.3

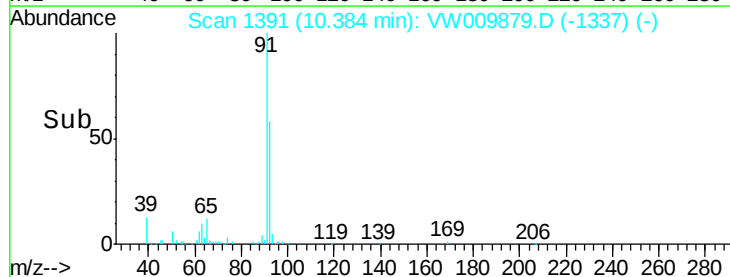
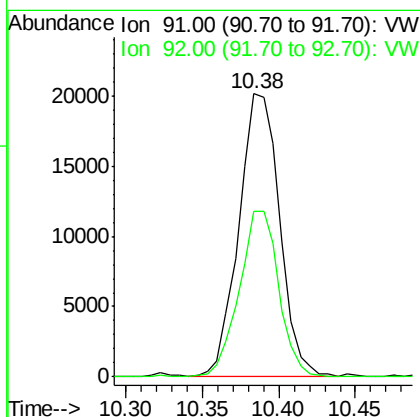
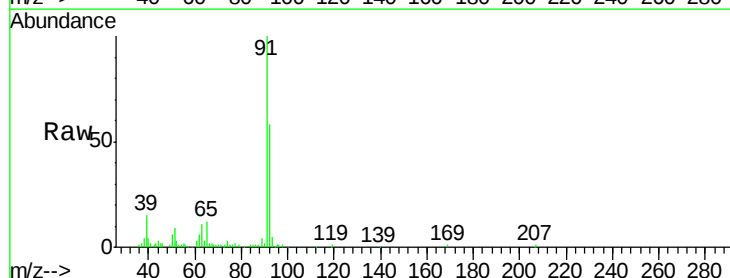
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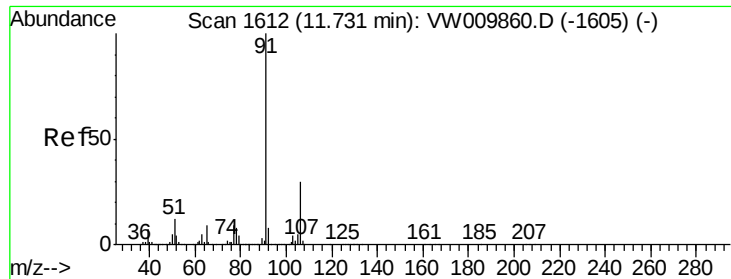
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#44
Toluene
Concen: 2.654 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW009879.D
Acq: 10 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.5	75.1





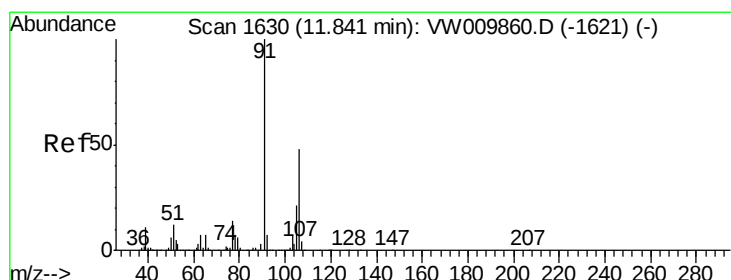
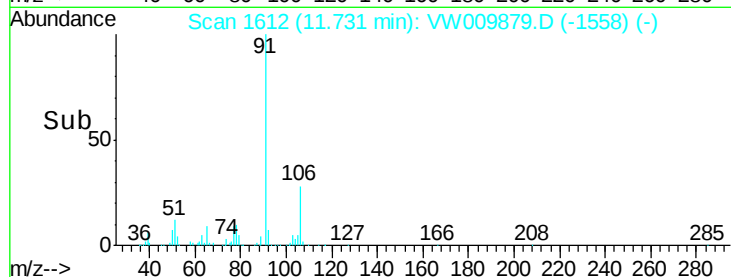
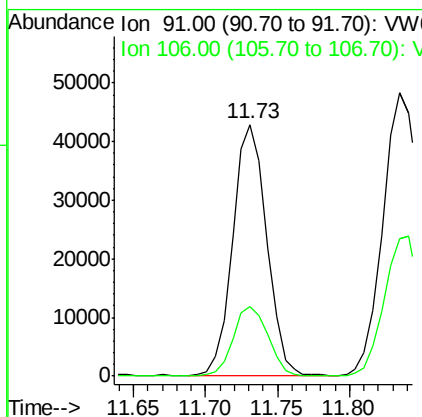
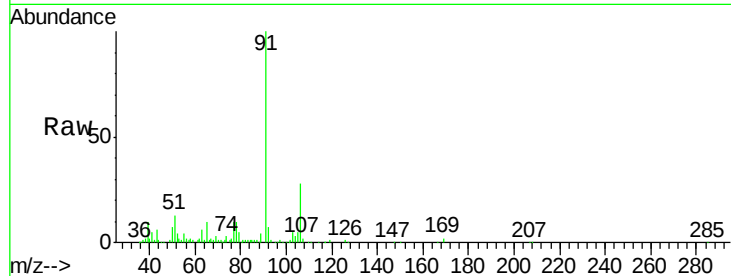
#53
Ethylbenzene
Concen: 4.363 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009879.D
Acq: 10 Apr 2019 13:00

Instrument :
MSVOA_W
ClientSampled :
BFC40

Tot Ion: 91 Resp: 70124
Ion Ratio Lower Upper
91 100
106 27.6 21.5 39.9

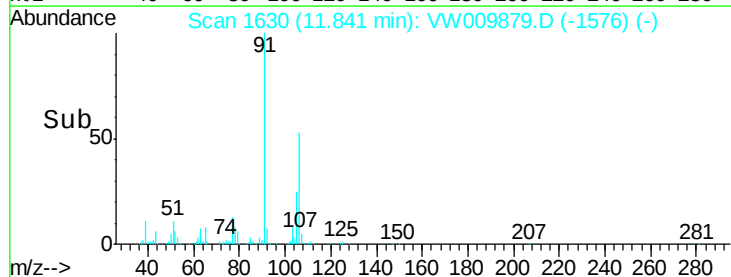
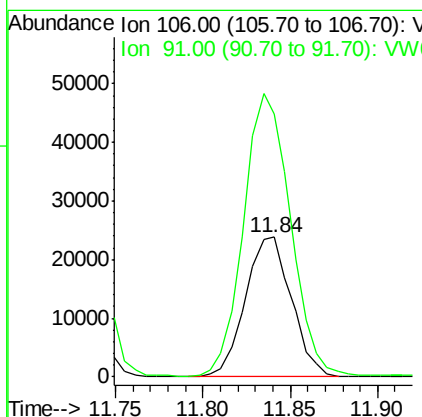
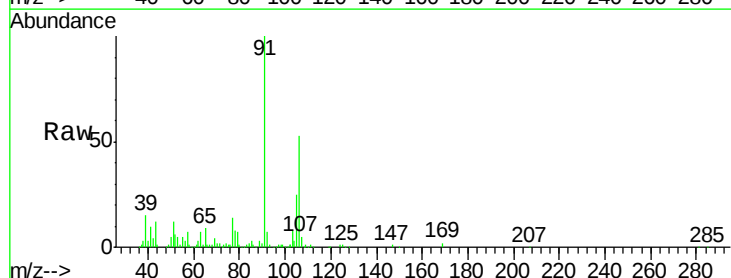
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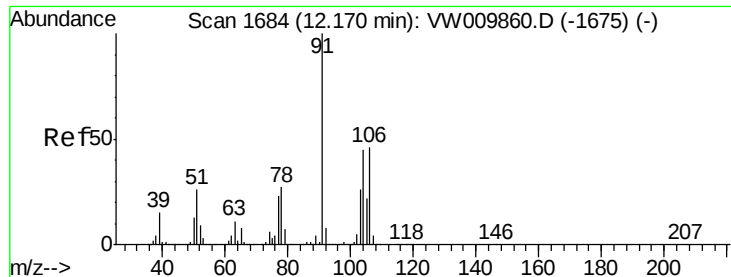
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#54
m,p-Xylene
Concen: 7.332 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009879.D
Acq: 10 Apr 2019 13:00

Tgt Ion: 106 Resp: 43592
Ion Ratio Lower Upper
106 100
91 188.5 145.3 269.9





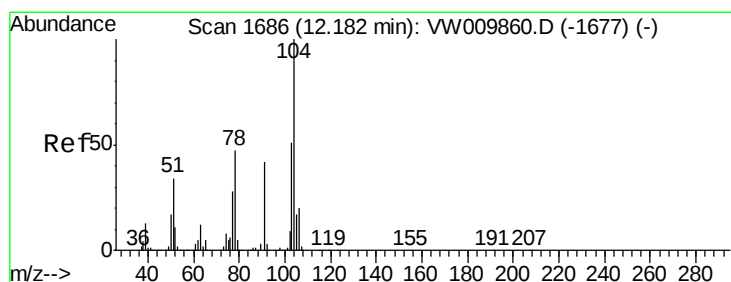
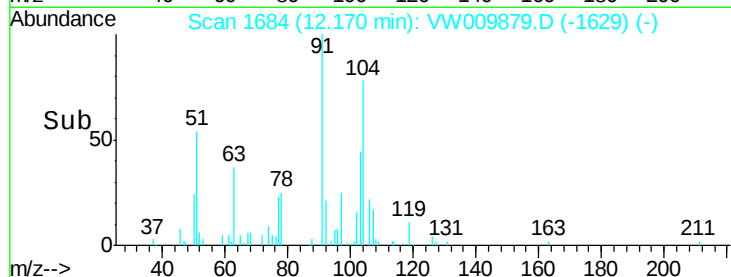
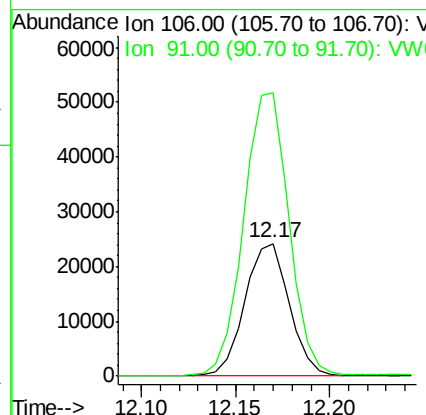
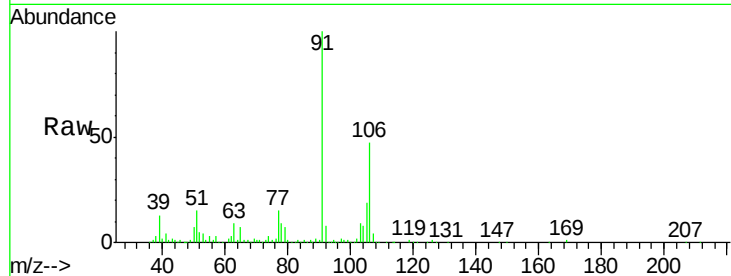
#55
o-xylene
Concen: 6.967 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW009879.D
Acq: 10 Apr 2019 13:00

Instrument :
MSVOA_W
ClientSampled :
BFC40

Tot Ion:106 Resp: 39448
Ion Ratio Lower Upper
106 100
91 213.6 153.9 285.7

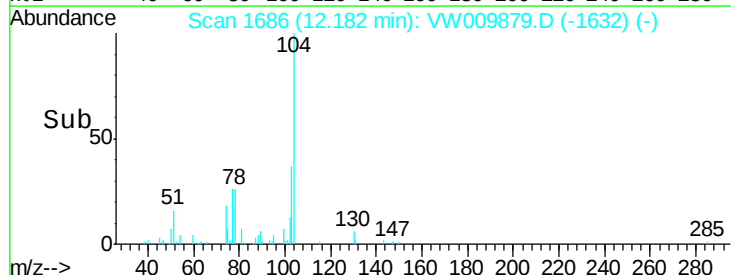
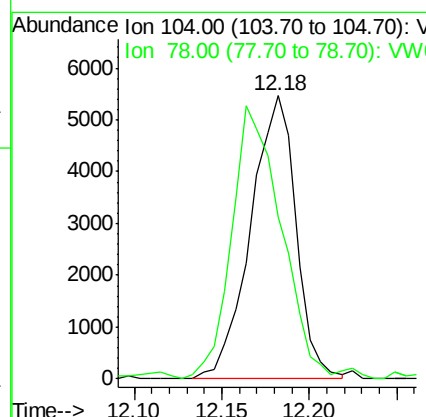
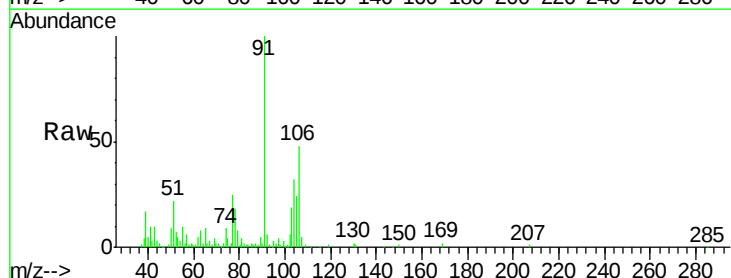
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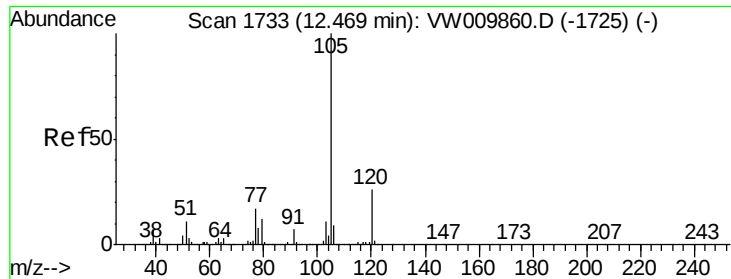
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#56
Styrene
Concen: 1.002 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009879.D
Acq: 10 Apr 2019 13:00

Tgt Ion:104 Resp: 9842
Ion Ratio Lower Upper
104 100
78 57.1 32.9 61.1





#57

Isopropylbenzene

Concen: 1.207 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW009879.D

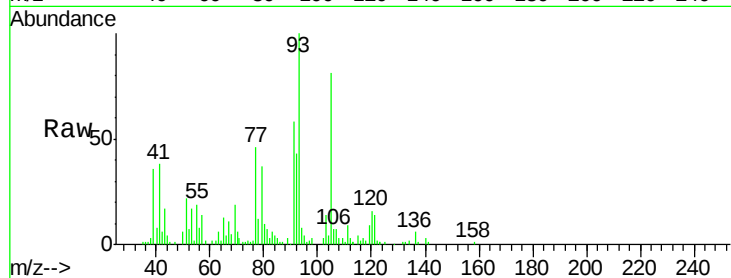
Acq: 10 Apr 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

BFC40



Tot Ion:	105	Resp:	18717
Ion Ratio		Lower	Upper
105	100		
120	22.4	21.0	31.4
77	58.9	13.4	20.2#

Manual Integrations
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