

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008424.D
 Acq On : 25 Jan 2019 20:58
 Operator : SY/VA
 Sample : K1015-13
 Misc : 9.19G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-012419-A

Manual Integrations
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 1/28/2019 12:45:57 PM

Quant Time: Jan 28 04:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	398484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	641065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	528476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	205643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	202656	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	7.88	113	198505	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	10.32	98	733142	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.62	95	235670	40.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.58%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	64940	73.870	ug/l	98
20) Methylene Chloride	4.90	84	44195	10.907	ug/l	99
25) 2-Butanone	7.15	43	18103m	14.826	ug/l	
40) Benzene	8.32	78	26108	1.554	ug/l	99
52) Toluene	10.39	92	400220	36.081	ug/l	98
67) Ethyl Benzene	11.73	91	61785	3.116	ug/l	94
68) m/p-Xylenes	11.84	106	118539	15.407	ug/l	97
69) o-Xylene	12.17	106	49272	6.740	ug/l	93
78) n-propylbenzene	12.80	91	24064	1.307	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	38345	2.992	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	183889	14.119	ug/l	98
85) sec-Butylbenzene	13.39	105	20797	1.277	ug/l	83
86) p-Isopropyltoluene	13.51	119	19802	1.388	ug/l	96
89) n-Butylbenzene	13.83	91	59376	4.239	ug/l #	82
95) Naphthalene	15.37	128	938979	125.251	ug/l	98

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

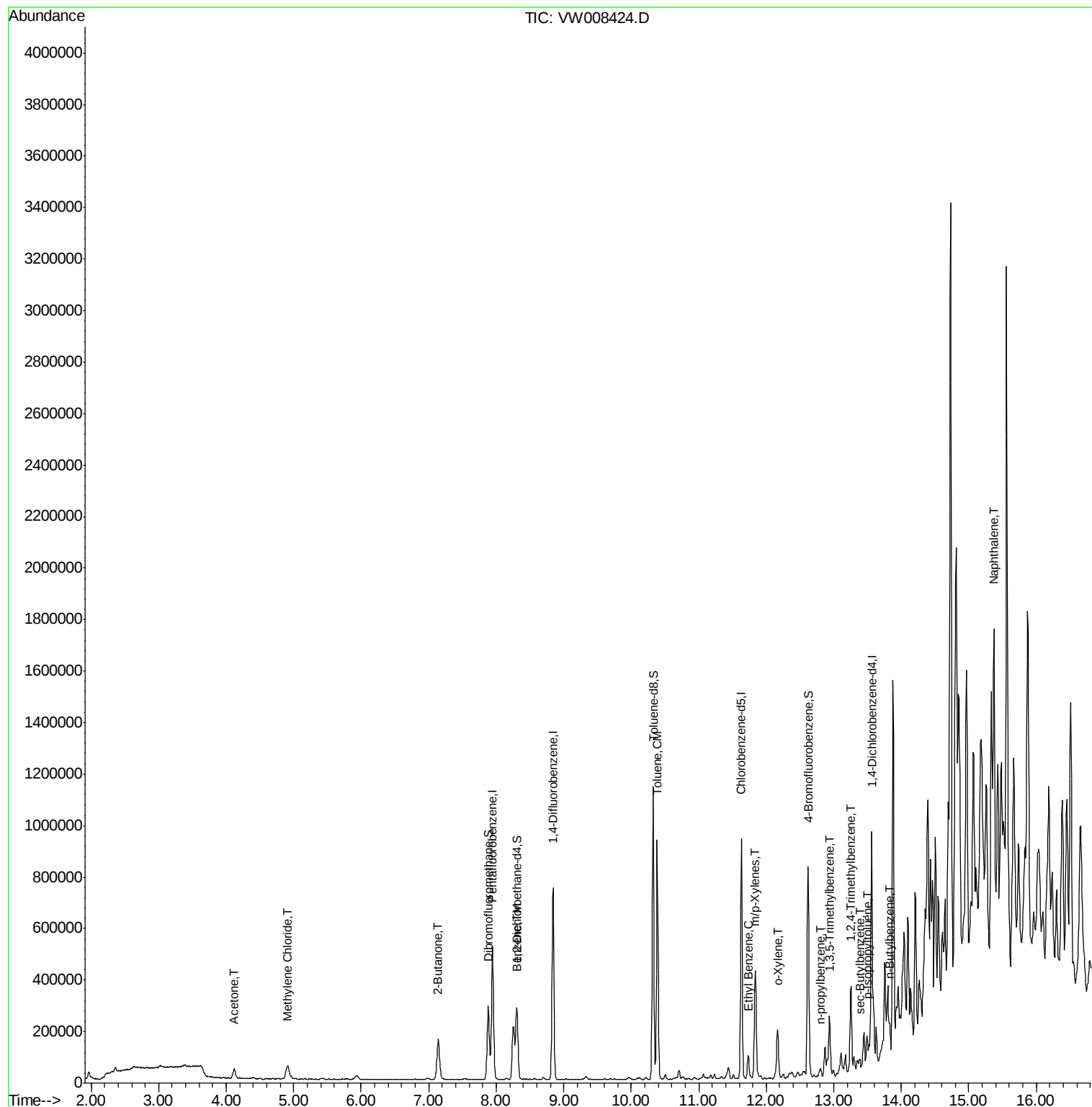
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012519\
Data File : VW008424.D
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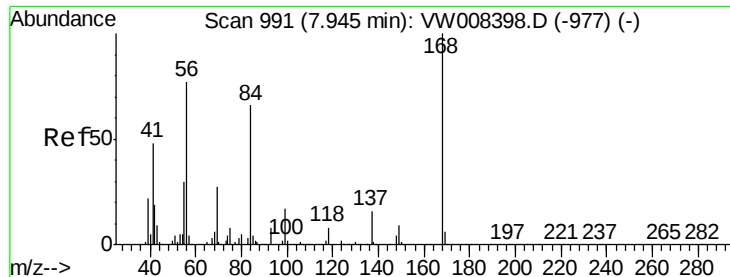
Instrument :
MSVOA_W
ClientSampleId :
SU-04-012419-A

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Quant Time: Jan 28 04:22:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008424.D

Acq: 25 Jan 2019 20:58

Instrument :

MSVOA_W

ClientSampleId :

SU-04-012419-A

Tot Ion:168 Resp: 398484

Ion Ratio Lower Upper

168 100

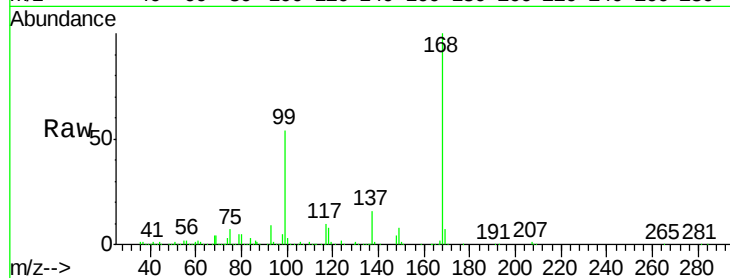
99 54.0 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

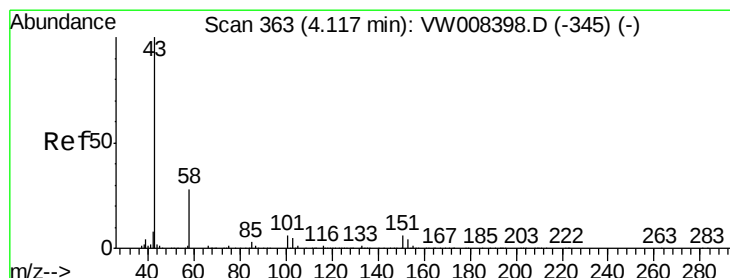
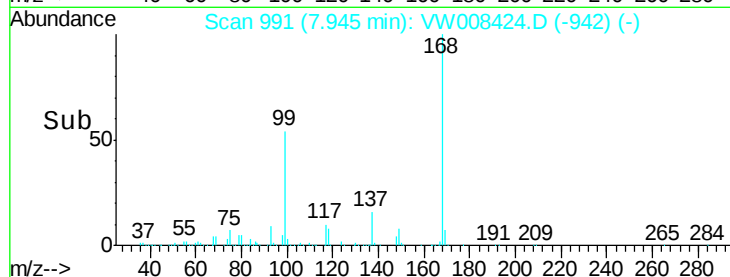
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 73.870 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008424.D

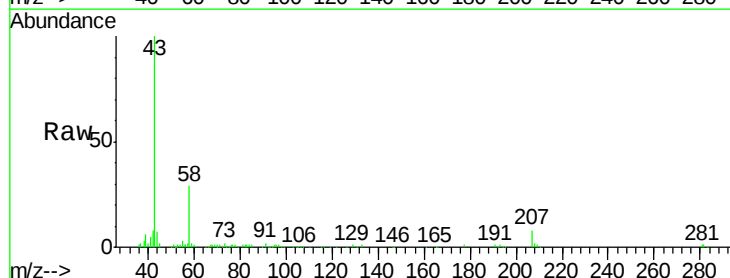
Acq: 25 Jan 2019 20:58

Tgt Ion: 43 Resp: 64940

Ion Ratio Lower Upper

43 100

58 29.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

30000

25000

20000

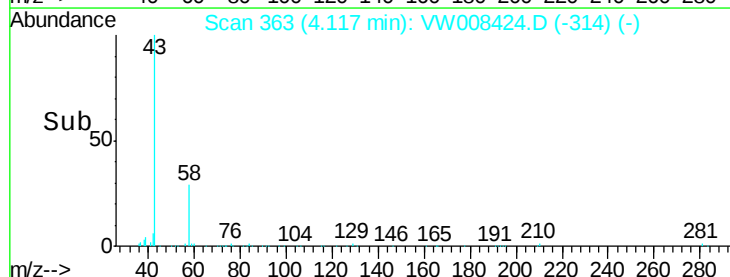
15000

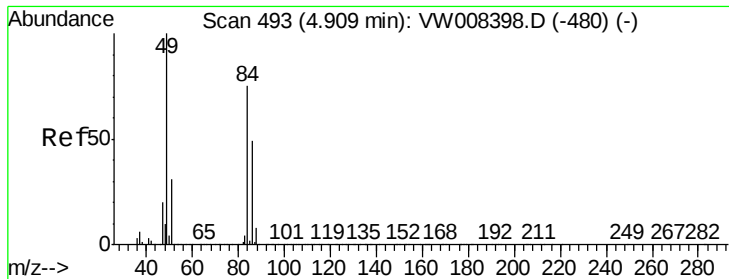
10000

5000

0

Time--> 4.00 4.10 4.20





#20

Methvlene Chloride

Concen: 10.907 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008424.D

Acq: 25 Jan 2019 20:58

Instrument :

MSVOA_W

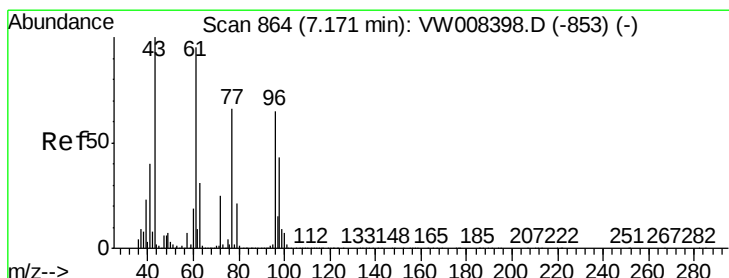
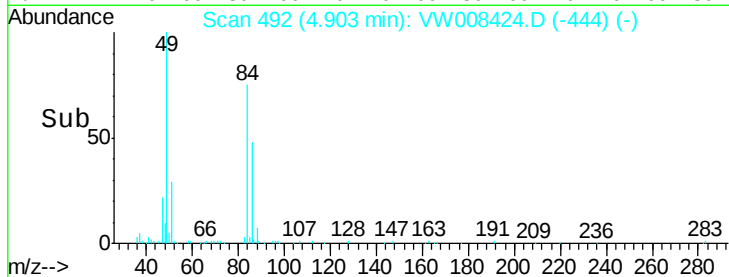
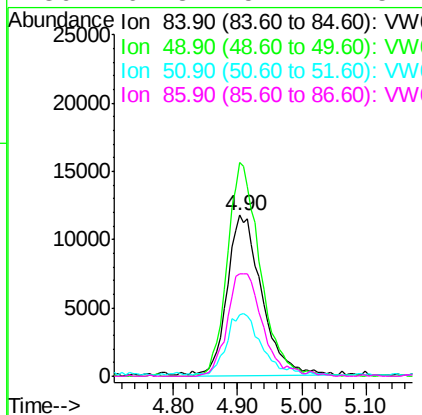
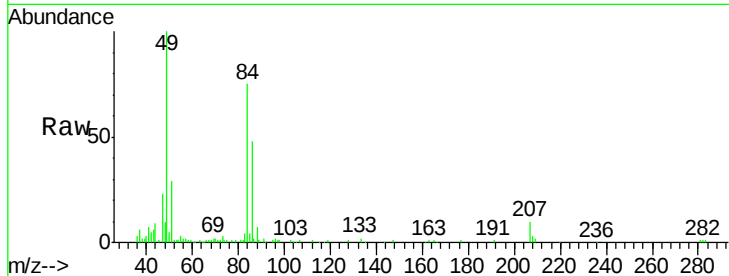
ClientSampleId :

SU-04-012419-A

Tot Ion	84	Resp	44195
Ion Ratio	Lower	Upper	
84	100		
49	133.6	106.8	160.2
51	37.7	32.9	49.3
86	64.3	52.2	78.2

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#25

2-Butanone

Concen: 14.826 ug/l m

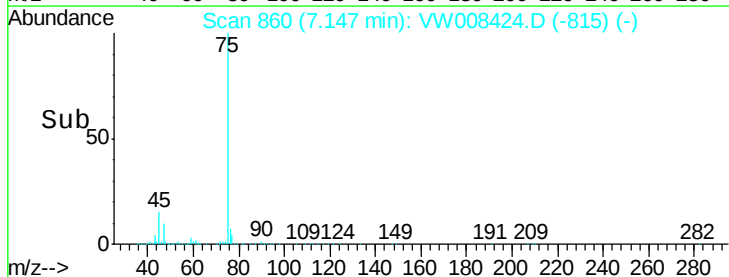
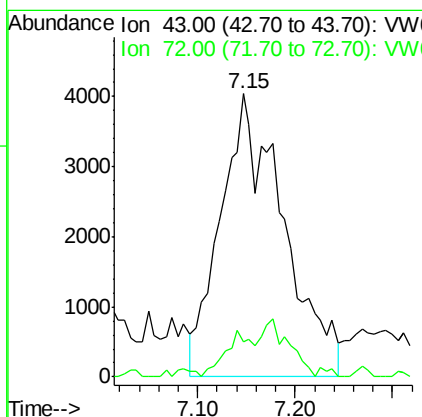
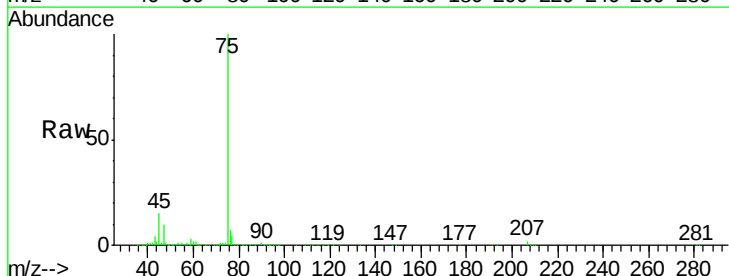
RT: 7.15 min Scan# 860

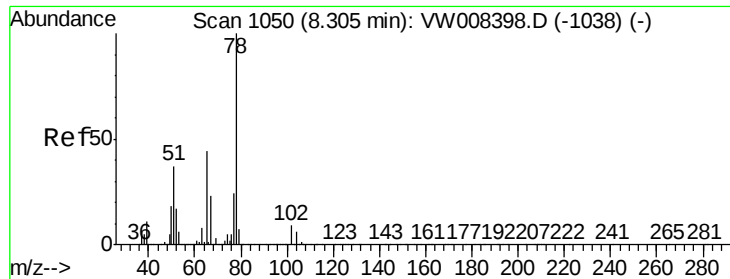
Delta R.T. -0.02 min

Lab File: VW008424.D

Acq: 25 Jan 2019 20:58

Tgt Ion	43	Resp	18103
Ion Ratio	Lower	Upper	
43	100		
72	12.3	20.1	30.1#





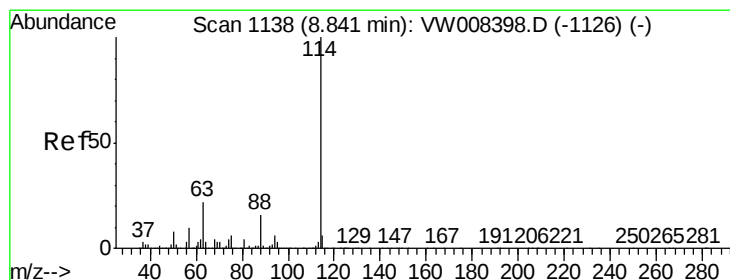
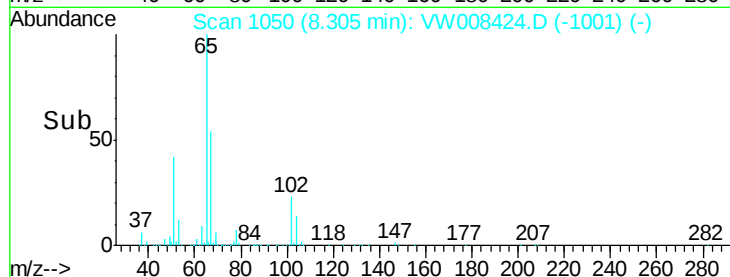
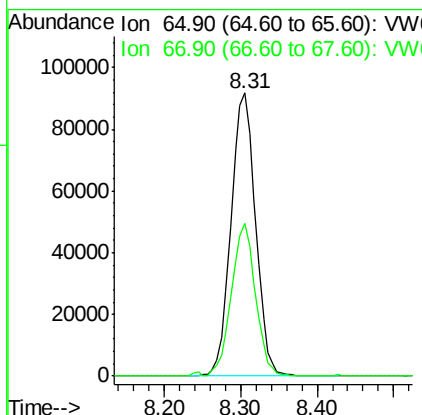
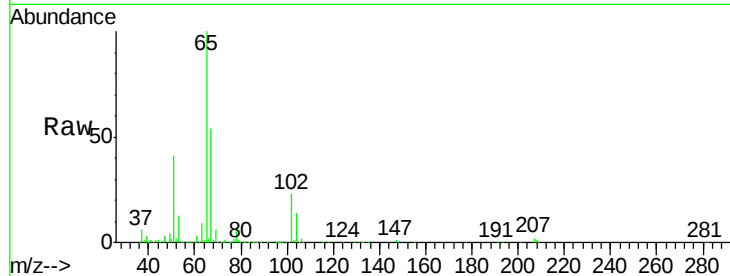
#33
 1,2-Dichloroethane-d4
 Concen: 51.767 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008424.D
 Acq: 25 Jan 2019 20:58

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-012419-A

Tot Ion	Ratio	Resp	Lower	Upper
65	100	202656		
67	53.0	0.0	104.0	

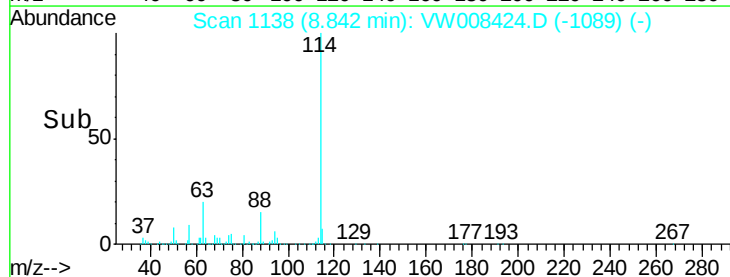
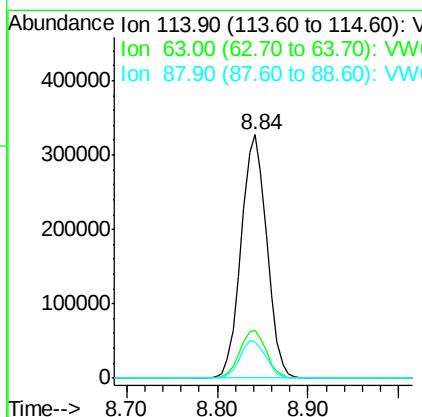
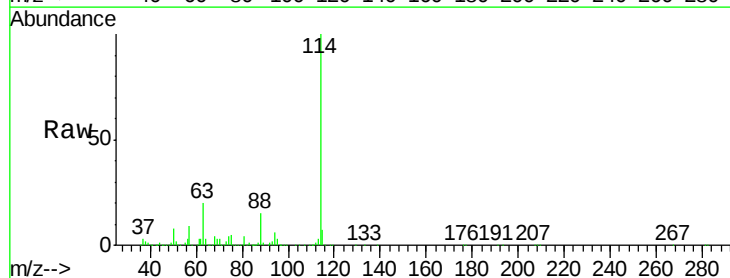
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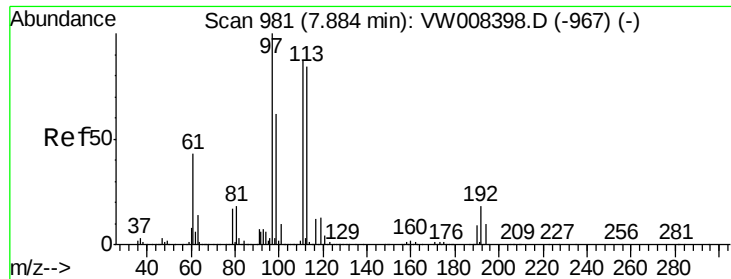
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008424.D
 Acq: 25 Jan 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	641065		
63	19.8	0.0	43.6	
88	15.1	0.0	31.8	





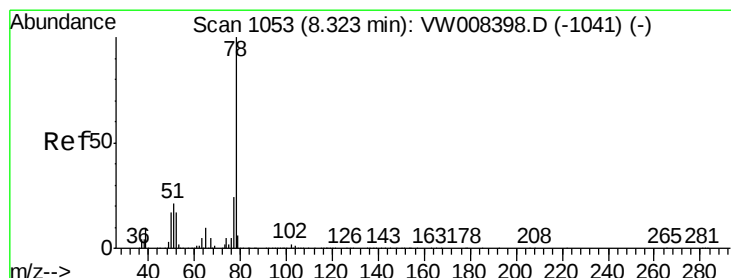
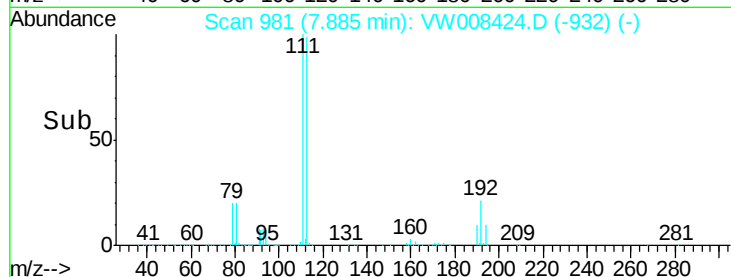
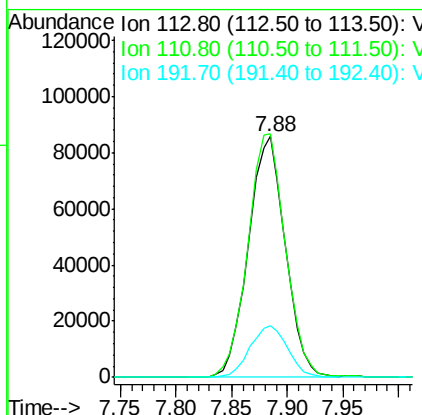
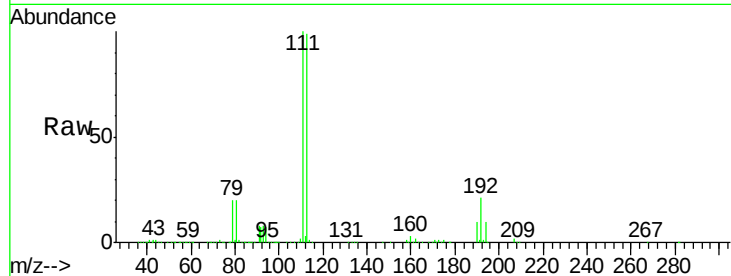
#35
Dibromofluoromethane
Concen: 52.955 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Instrument :
MSVOA_W
ClientSampleId :
SU-04-012419-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	21.9	16.8	25.2

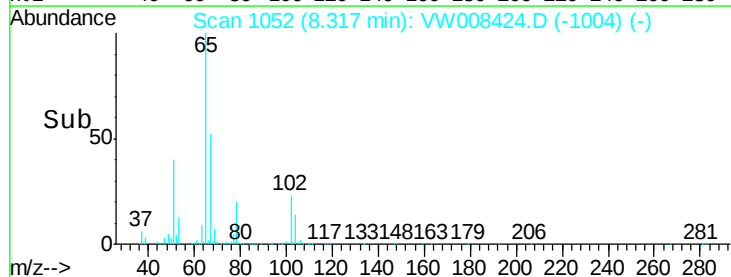
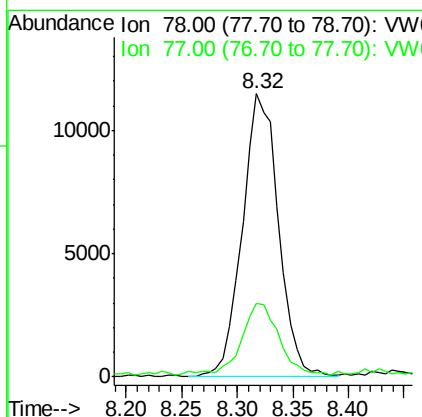
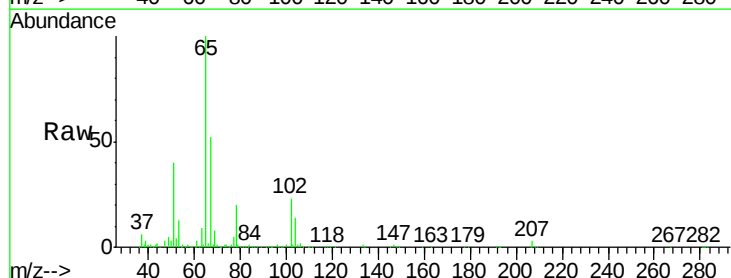
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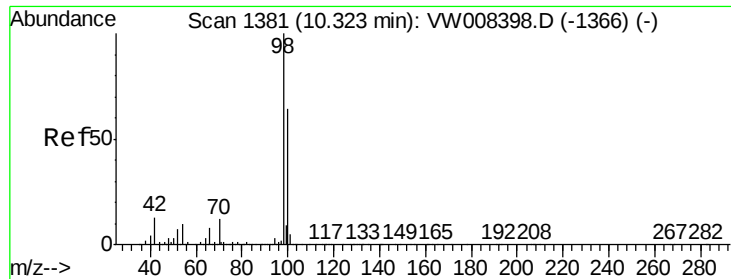
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#40
Benzene
Concen: 1.554 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





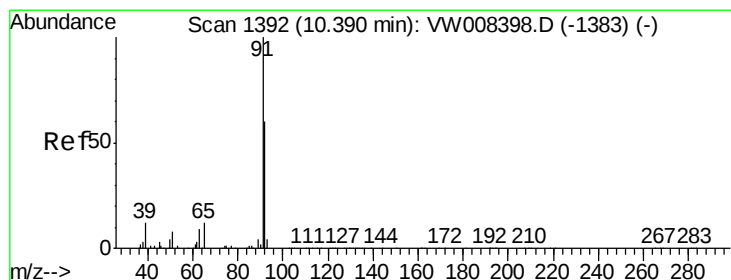
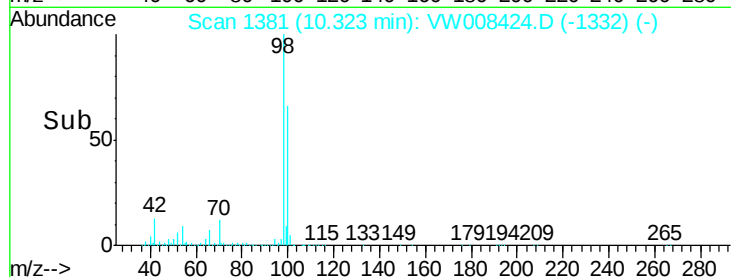
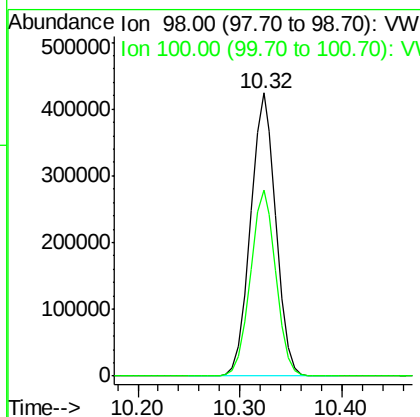
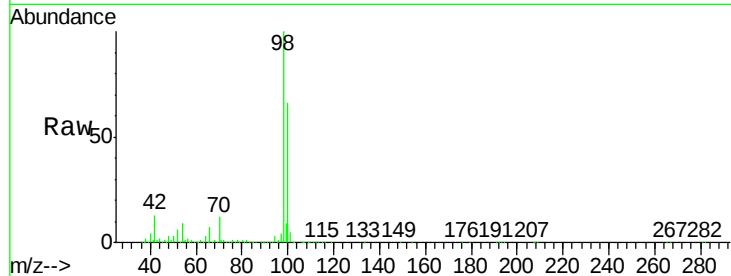
#50
Toluene-d8
Concen: 48.773 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Instrument :
MSVOA_W
ClientSampleId :
SU-04-012419-A

Tot Ion: 98 Resp: 733142
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

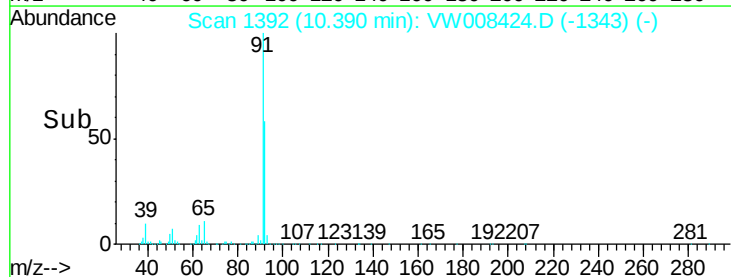
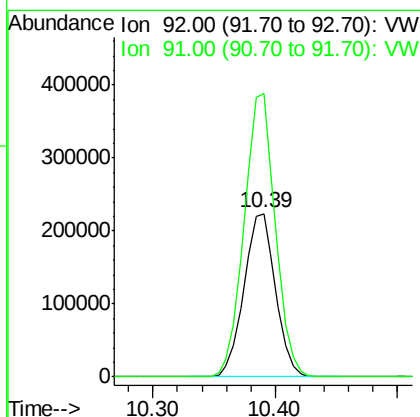
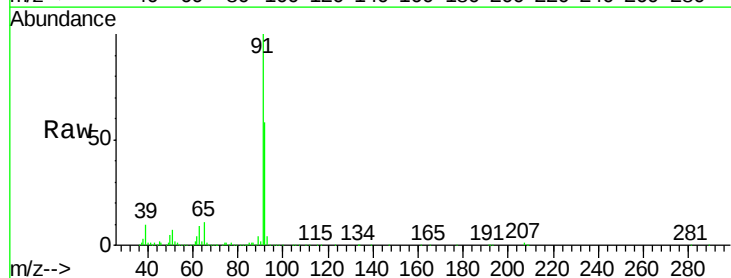
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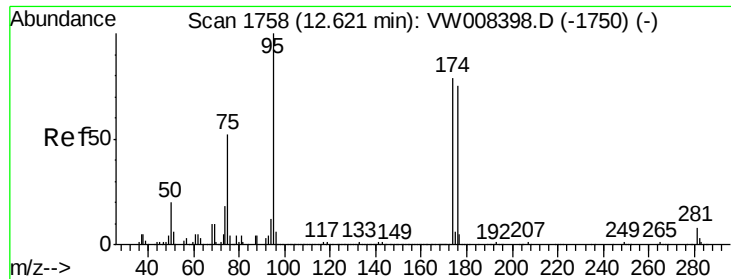
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#52
Toluene
Concen: 36.081 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Tgt Ion: 92 Resp: 400220
Ion Ratio Lower Upper
92 100
91 171.9 135.5 203.3





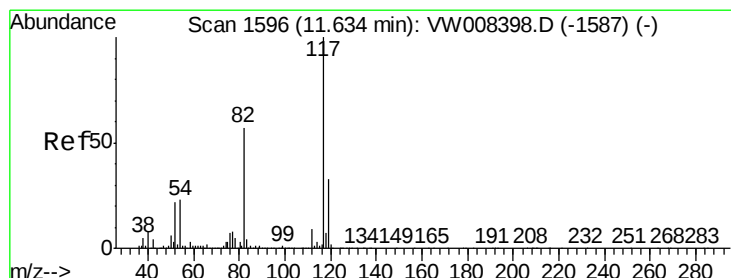
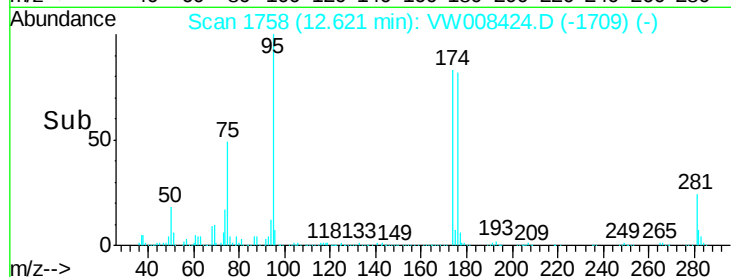
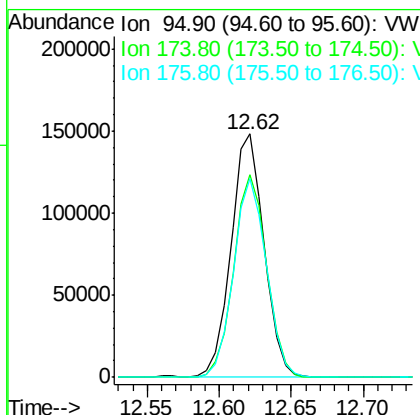
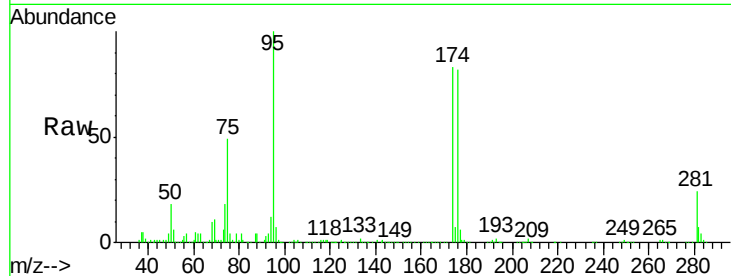
#62
4-Bromofluorobenzene
Concen: 40.788 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Instrument :
MSVOA_W
ClientSampleId :
SU-04-012419-A

Tot Ion	Ratio	Resp	Lower	Upper
95	100	235670		
174	83.4	0.0	157.6	
176	81.6	0.0	151.8	

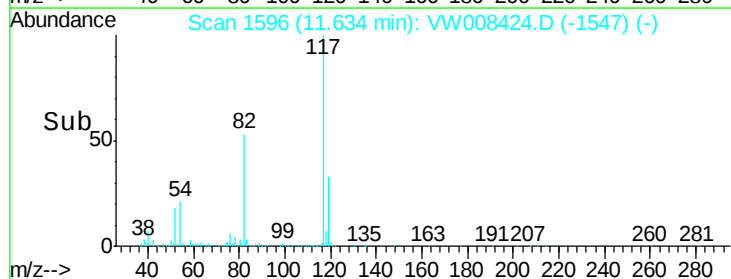
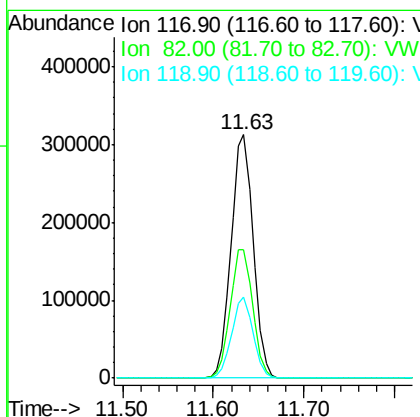
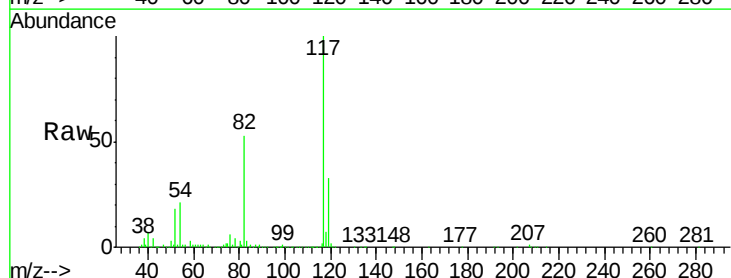
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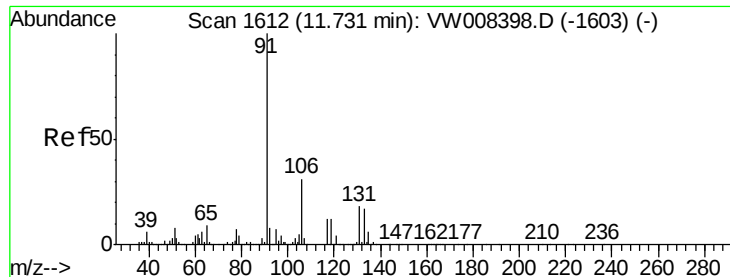
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	528476		
82	52.6	45.4	68.0	
119	33.4	26.2	39.4	





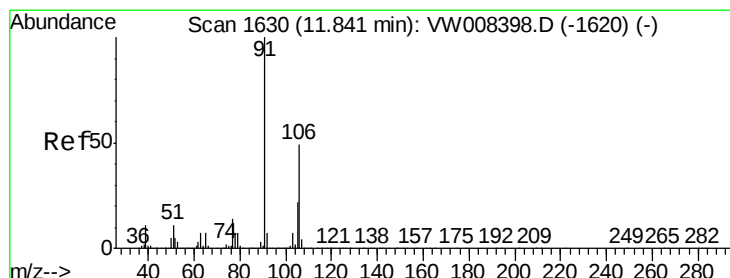
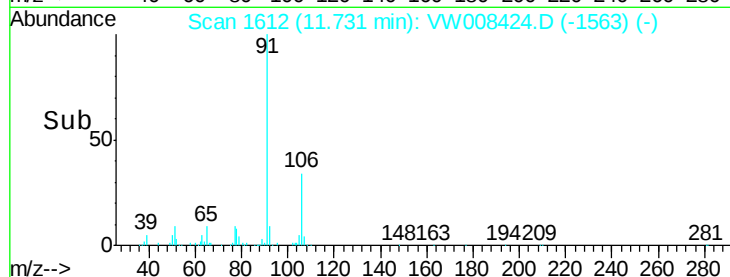
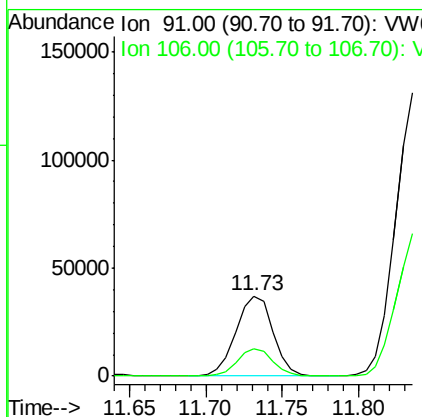
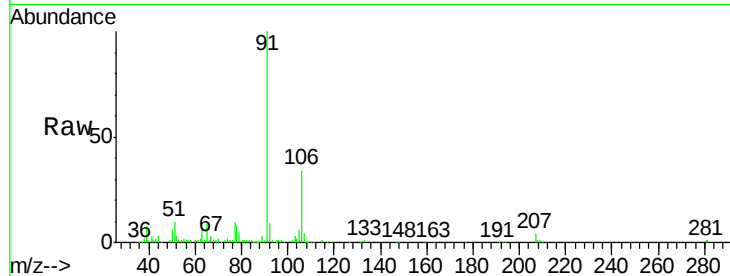
#67
Ethyl Benzene
Concen: 3.116 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Instrument :
MSVOA_W
ClientSampleId :
SU-04-012419-A

Tot Ion: 91 Resp: 61785
Ion Ratio Lower Upper
91 100
106 34.3 24.7 37.1

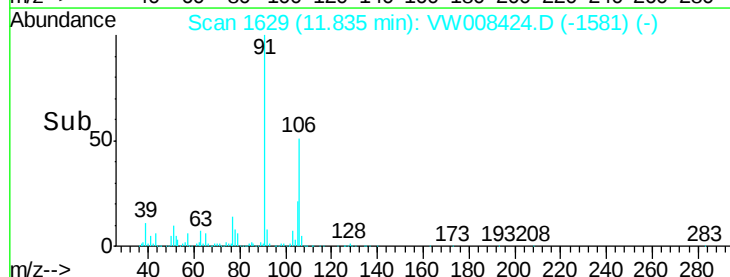
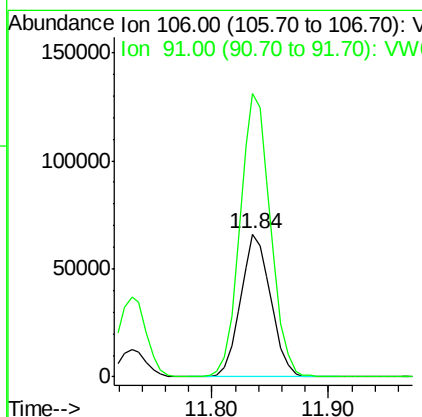
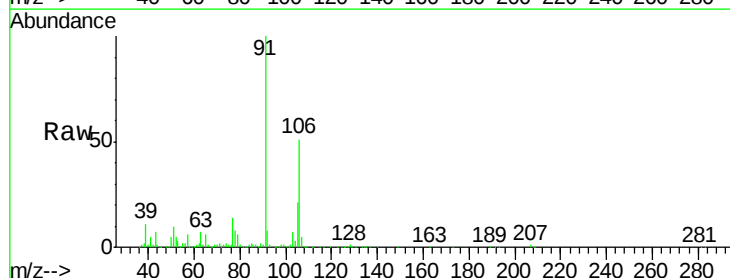
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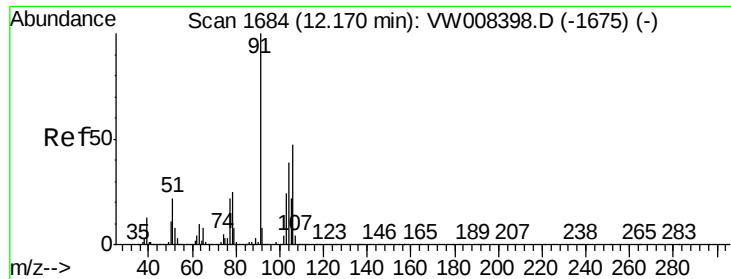
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#68
m/p-Xylenes
Concen: 15.407 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Tgt Ion: 106 Resp: 118539
Ion Ratio Lower Upper
106 100
91 199.4 162.9 244.3





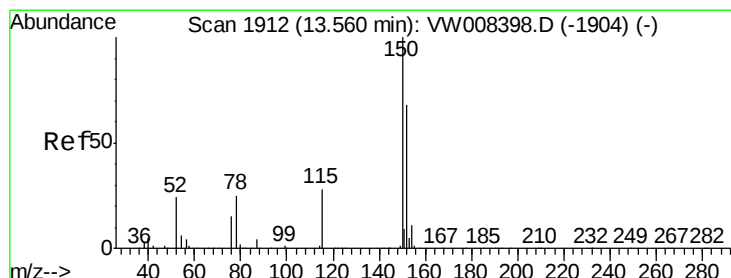
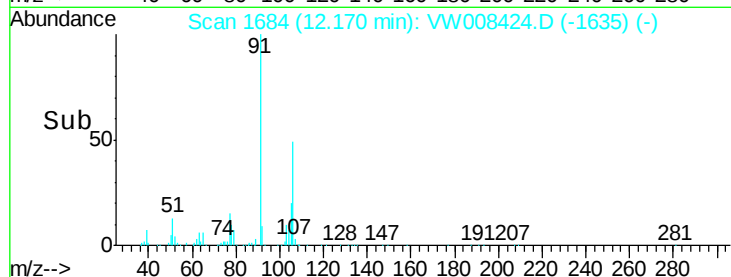
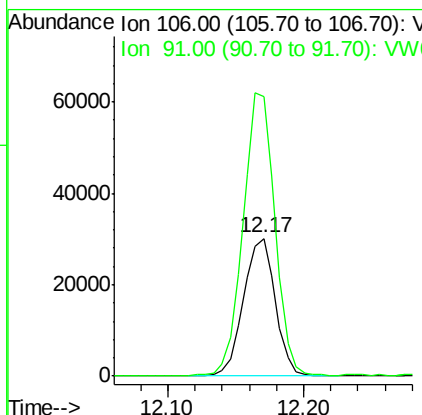
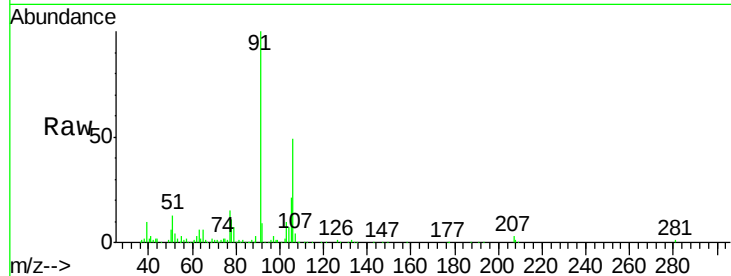
#69
o-Xylene
Concen: 6.740 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Instrument :
MSVOA_W
ClientSampleId :
SU-04-012419-A

Tot Ion:106 Resp: 49272
Ion Ratio Lower Upper
106 100
91 204.6 107.5 322.4

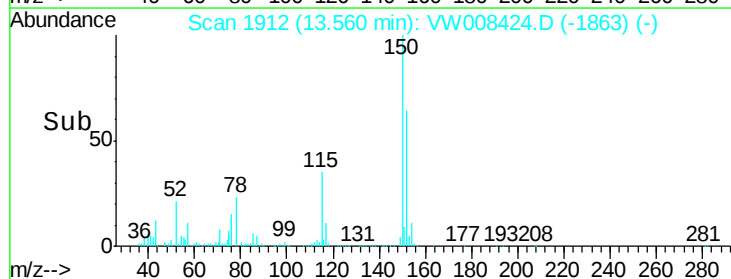
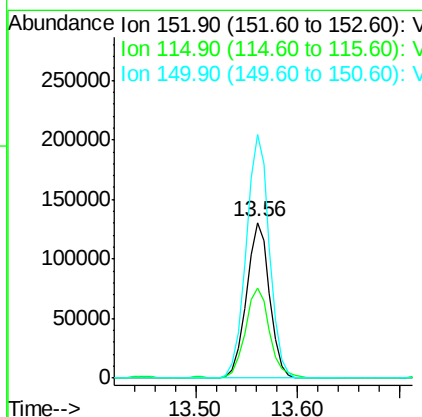
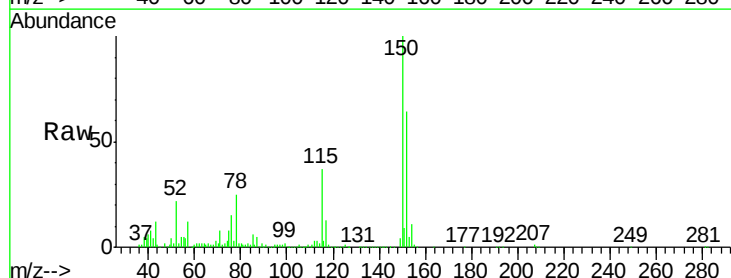
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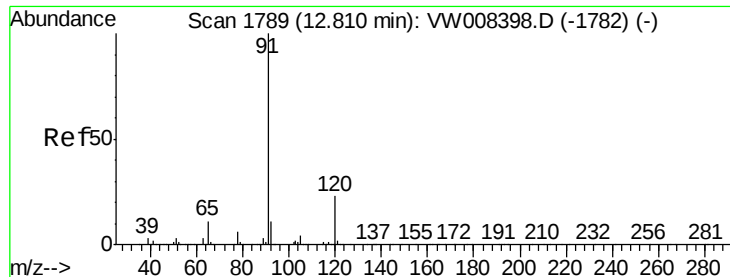
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Tgt Ion:152 Resp: 205643
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 156.9 0.0 351.4





#78

n-propylbenzene

Concen: 1.307 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008424.D

Acq: 25 Jan 2019 20:58

Instrument :

MSVOA_W

ClientSampleId :

SU-04-012419-A

Tot Ion: 91 Resp: 24064

Ion Ratio Lower Upper

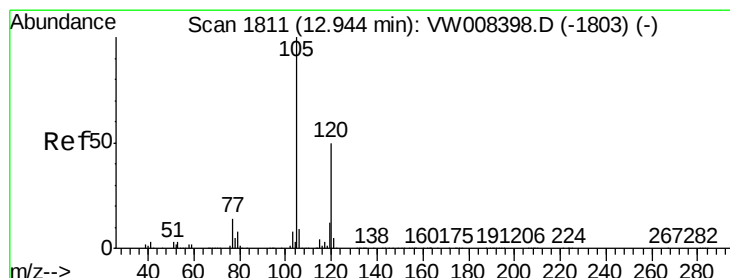
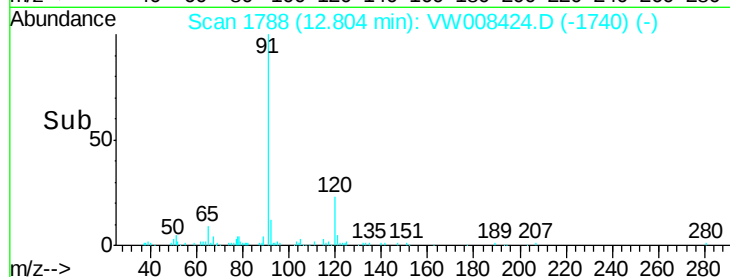
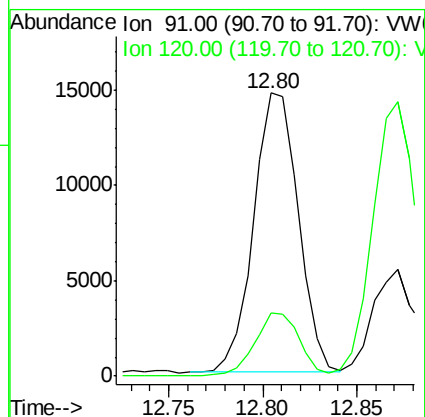
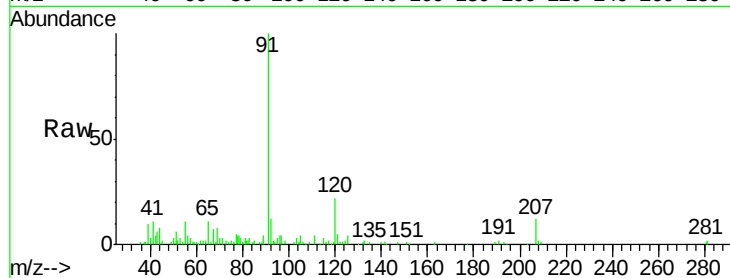
91 100

120 22.8 11.4 34.1

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#80

1,3,5-Trimethylbenzene

Concen: 2.992 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008424.D

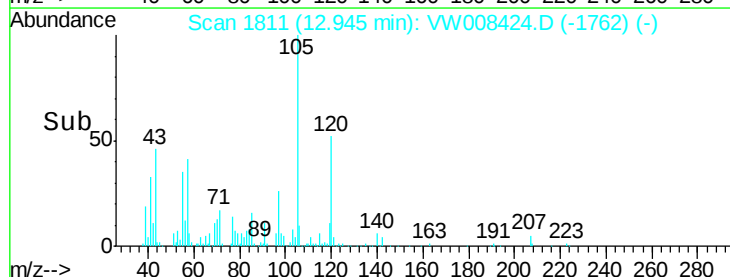
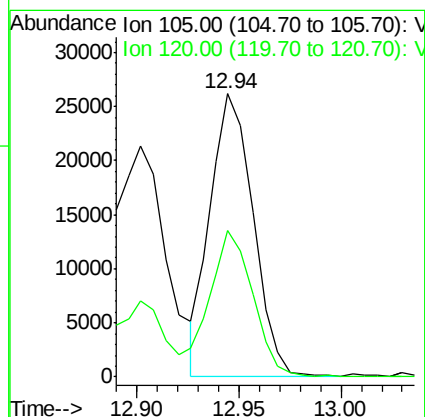
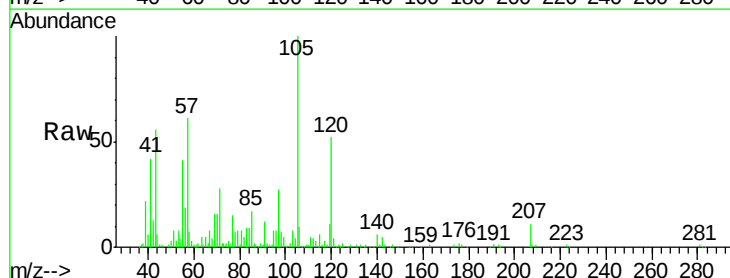
Acq: 25 Jan 2019 20:58

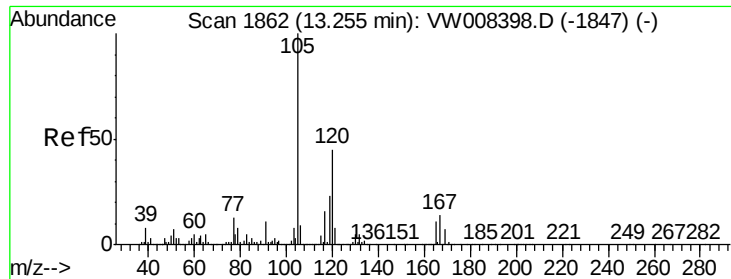
Tgt Ion: 105 Resp: 38345

Ion Ratio Lower Upper

105 100

120 52.6 24.6 73.8





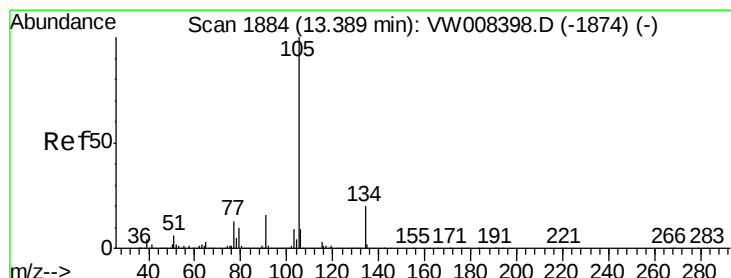
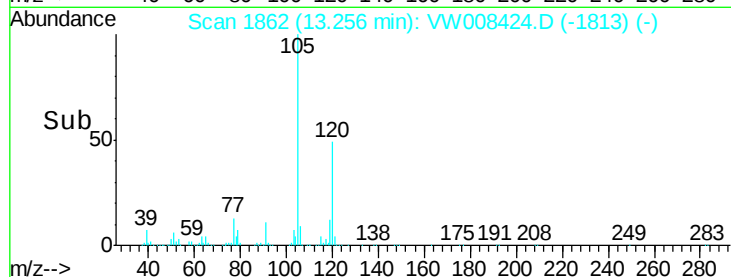
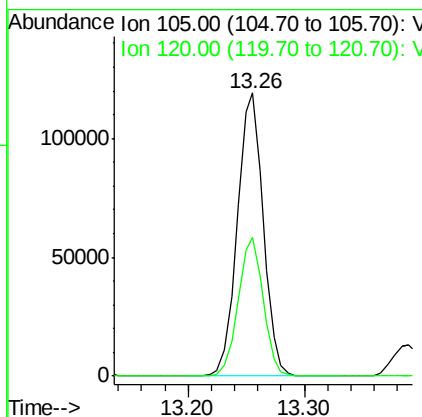
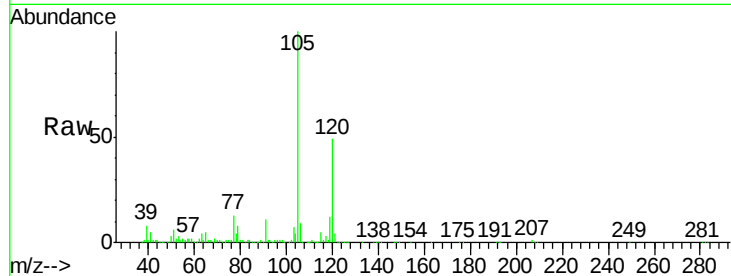
#84
 1,2,4-Trimethylbenzene
 Concen: 14.119 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008424.D
 Acq: 25 Jan 2019 20:58

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-012419-A

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.1	69.2

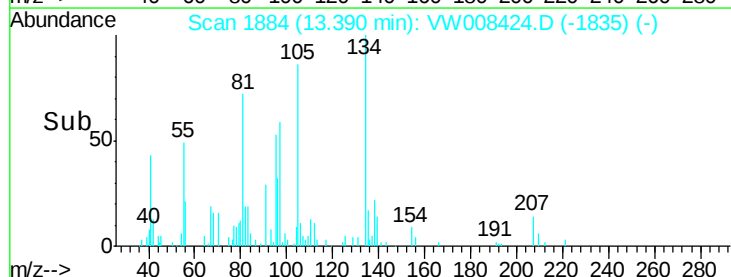
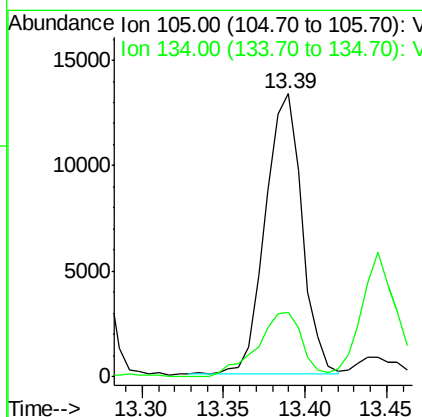
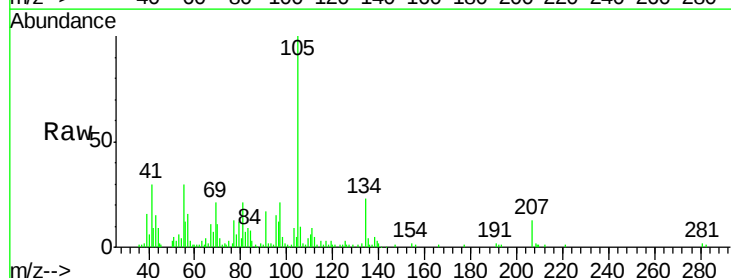
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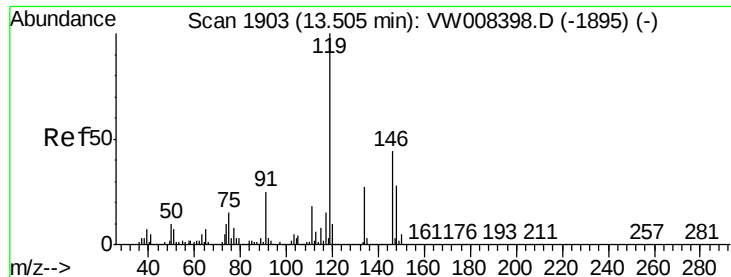
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#85
 sec-Butylbenzene
 Concen: 1.277 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008424.D
 Acq: 25 Jan 2019 20:58

Tgt Ion	Ratio	Lower	Upper
105	100		
134	28.2	10.2	30.6





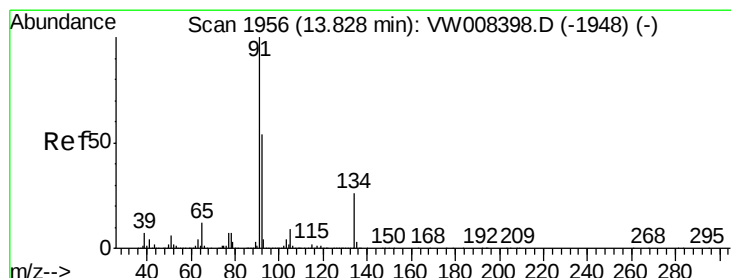
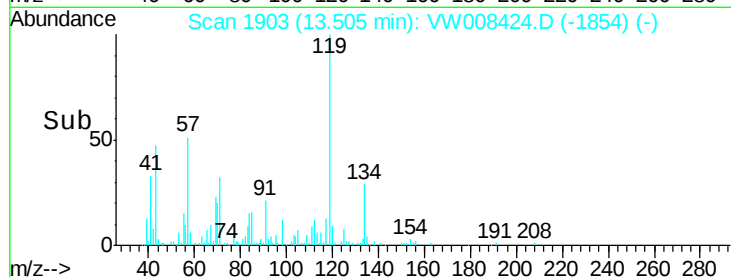
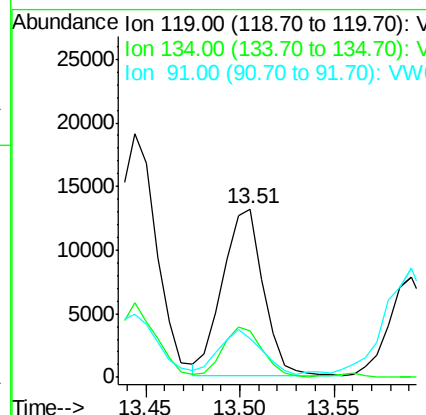
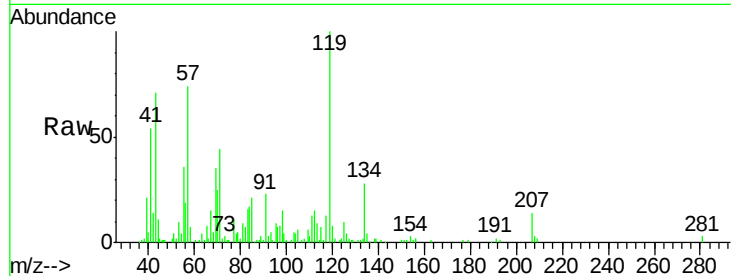
#86
 p-Isopropyltoluene
 Concen: 1.388 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008424.D
 Acq: 25 Jan 2019 20:58

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-012419-A

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.4	13.4	40.2
91	26.3	12.6	37.6

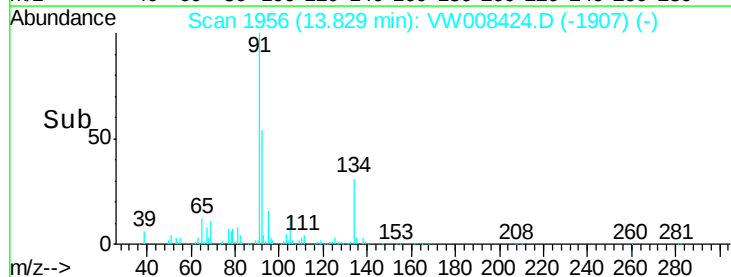
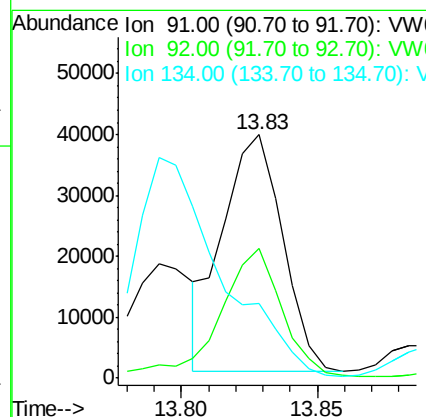
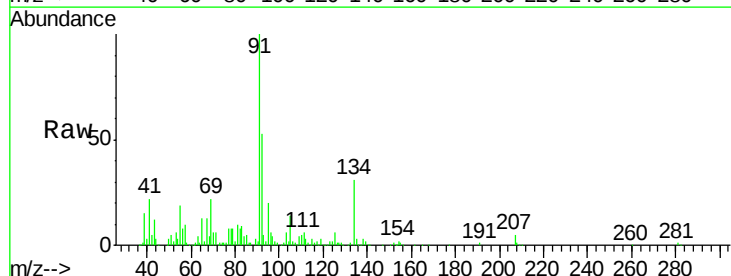
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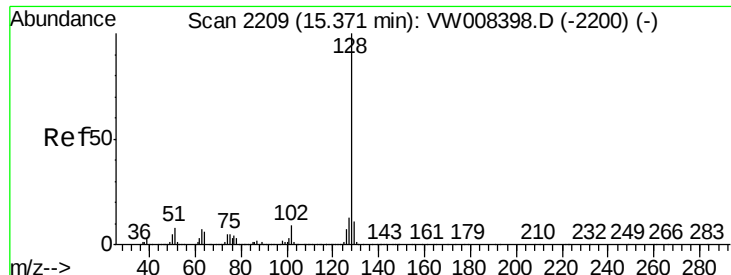
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#89
 n-Butylbenzene
 Concen: 4.239 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW008424.D
 Acq: 25 Jan 2019 20:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.1	27.4	82.2
134	0.0	13.0	39.0#





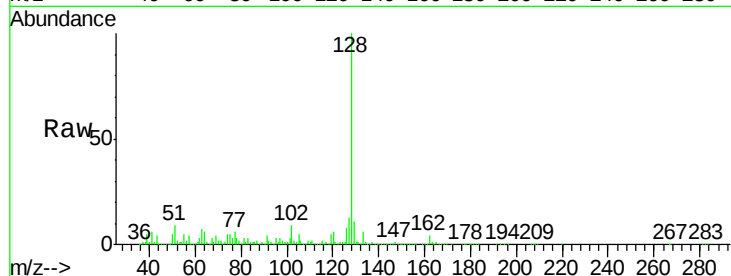
#95
Naphthalene
Concen: 125.251 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008424.D
Acq: 25 Jan 2019 20:58

Instrument :
MSVOA_W
ClientSampleId :
SU-04-012419-A

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.9	10.6	15.8
129	11.5	8.7	13.1

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

