

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008506.D
 Acq On : 04 Feb 2019 17:15
 Operator : SY/VA
 Sample : K1299-06
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0039-AMND-COMP-2

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 10:43:08 AM

Quant Time: Feb 05 03:55:34 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	349220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	572872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	518348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	270150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	199916	58.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.54%	
35) Dibromofluoromethane	7.88	113	154417	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
50) Toluene-d8	10.32	98	683202	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	259872	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	25811	93.445	ug/l	96
16) Acetone	4.12	43	40276	52.277	ug/l	96
17) Carbon Disulfide	4.37	76	234662	22.986	ug/l	98
20) Methylene Chloride	4.92	84	8196m	2.308	ug/l	
25) 2-Butanone	7.17	43	12371	11.560	ug/l	91
39) Methylcyclohexane	9.34	83	26010	3.659	ug/l	94
68) m/p-Xylenes	11.84	106	9556	1.266	ug/l	94
69) o-Xylene	12.16	106	18922	2.639	ug/l	96
73) Isopropylbenzene	12.46	105	31411	1.560	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	58674	3.485	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	152206	8.896	ug/l	99
86) p-Isopropyltoluene	13.50	119	20074	1.071	ug/l #	74
95) Naphthalene	15.37	128	523097	53.115	ug/l	99

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

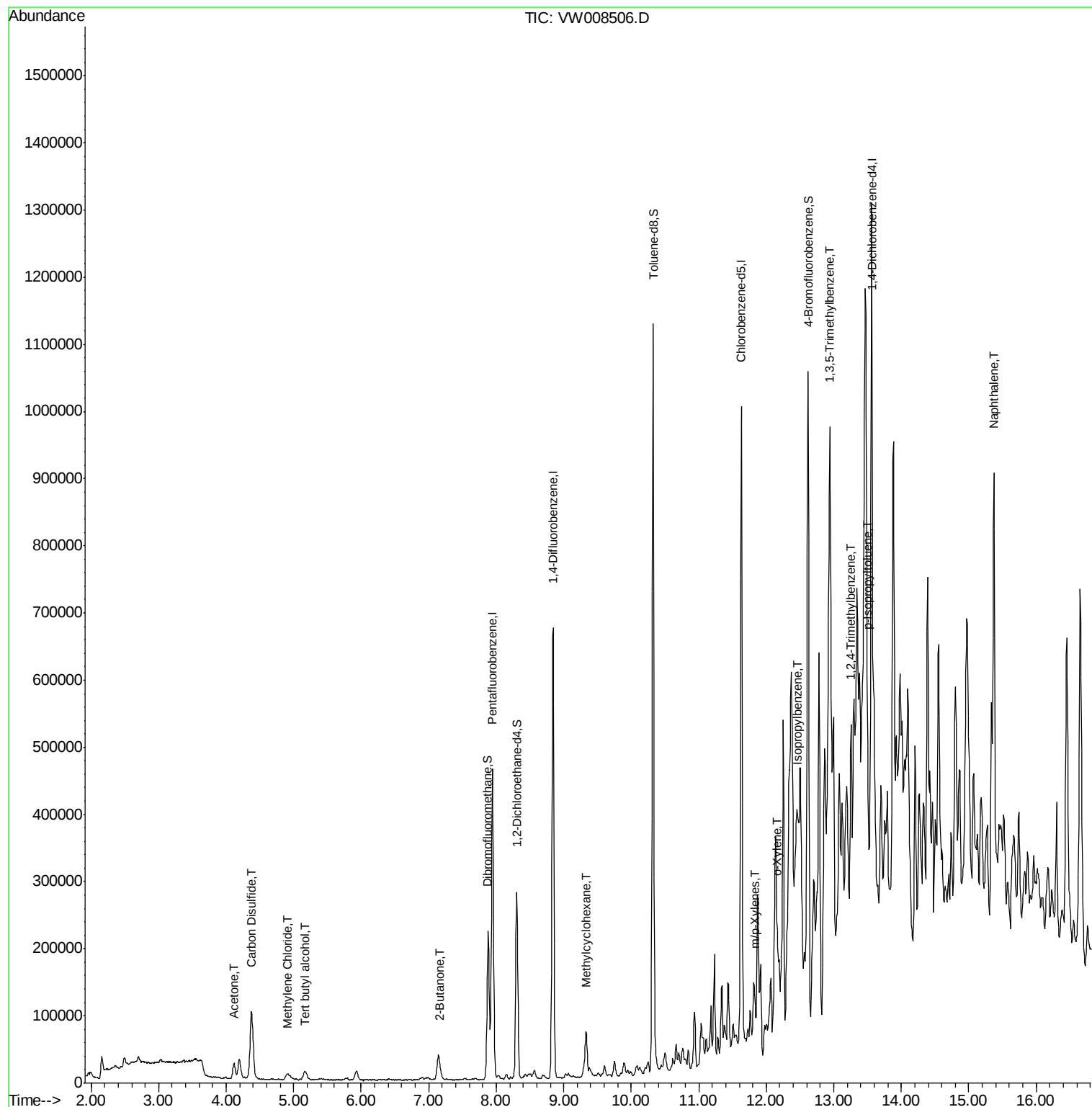
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008506.D
Acq On : 04 Feb 2019 17:15
Operator : SY/VA
Sample : K1299-06
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

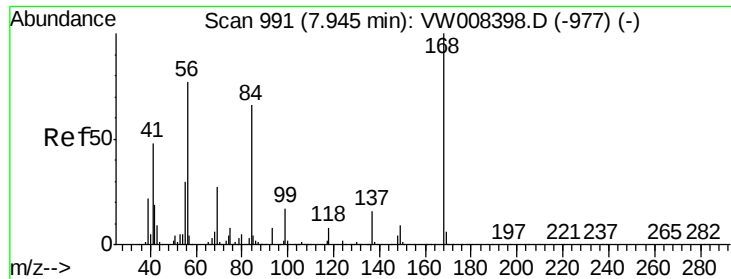
Instrument :
MSVOA_W
ClientSampleId :
0039-AMND-COMP-2

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Quant Time: Feb 05 03:55:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
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#1

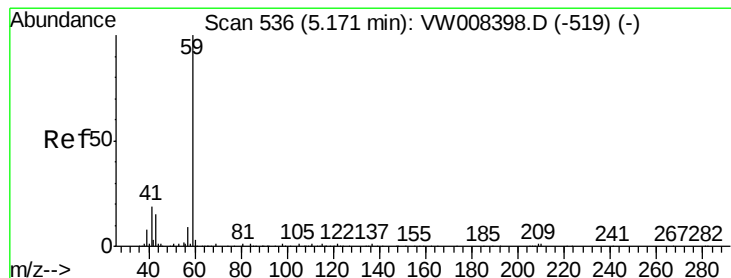
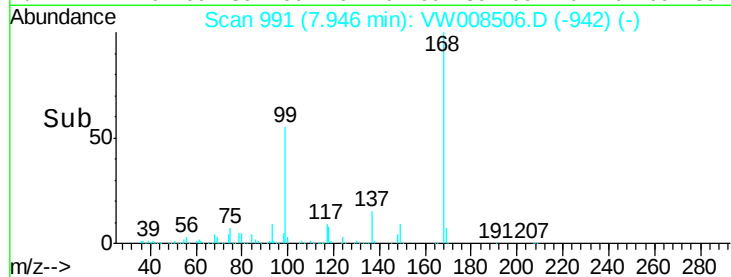
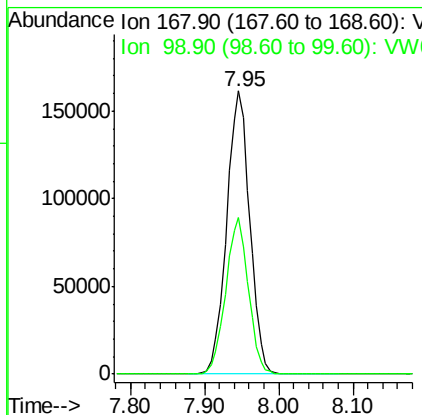
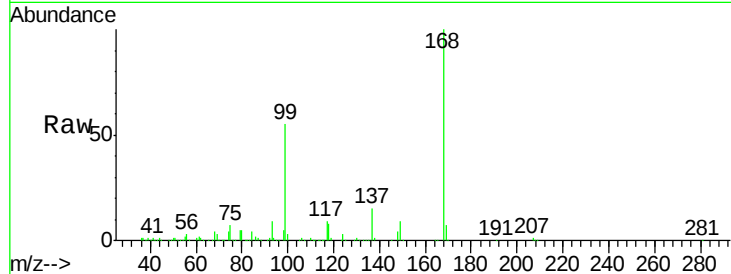
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VW008506.D
 Acq: 04 Feb 2019 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 0039-AMND-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
168	100	349220		
99	55.3	45.5	68.3	

Manual Integrations
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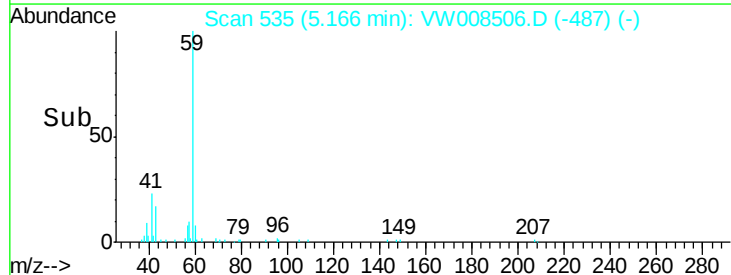
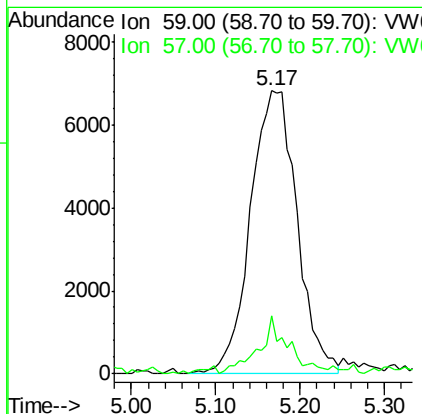
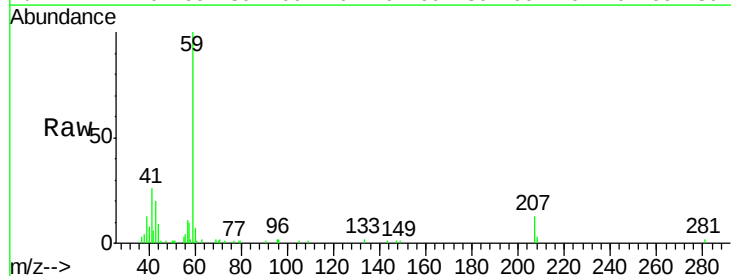
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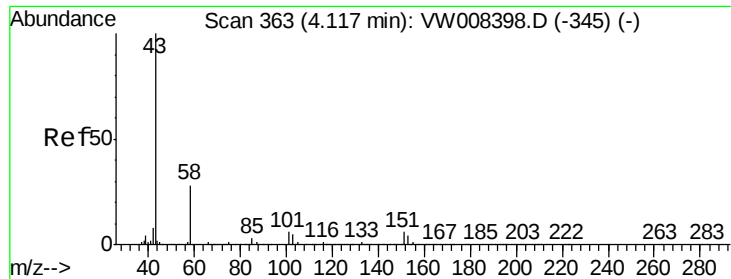


#11

Tert butyl alcohol
 Concen: 93.445 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW008506.D
 Acq: 04 Feb 2019 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	25811		
57	13.2	9.3	13.9	





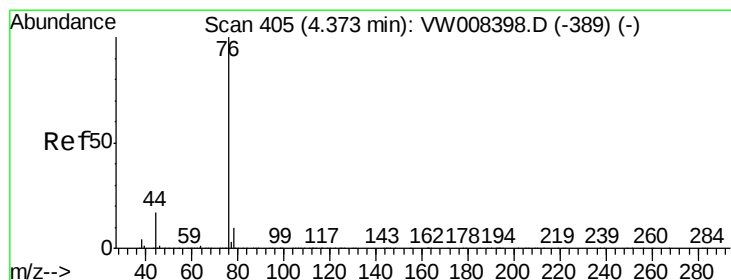
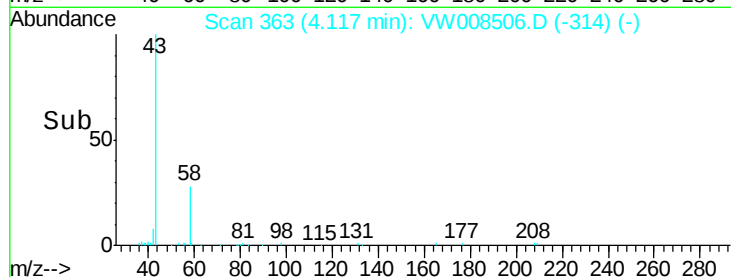
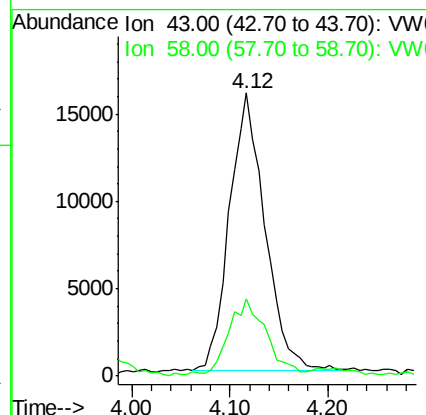
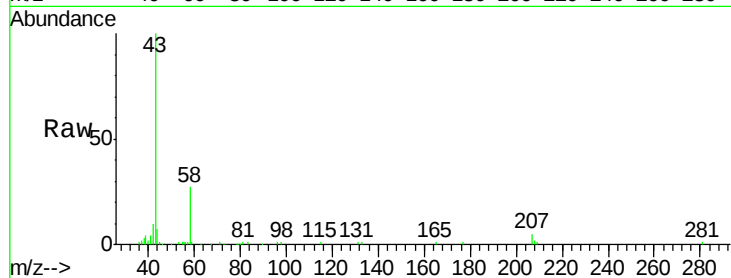
#16
Acetone
Concen: 52.277 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Instrument :
MSVOA_W
ClientSampleId :
0039-AMND-COMP-2

Tot Ion: 43 Resp: 40276
Ion Ratio Lower Upper
43 100
58 26.4 22.6 34.0

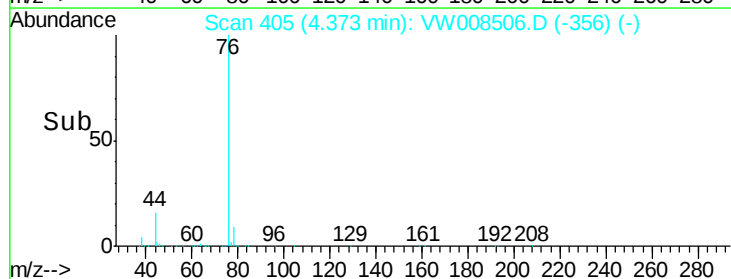
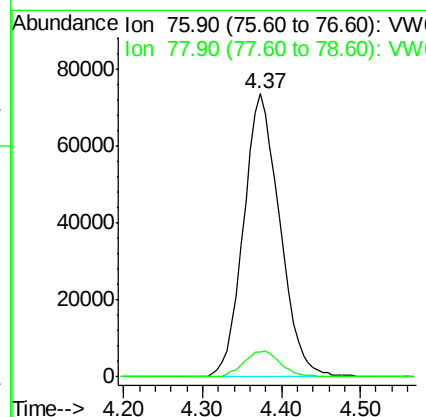
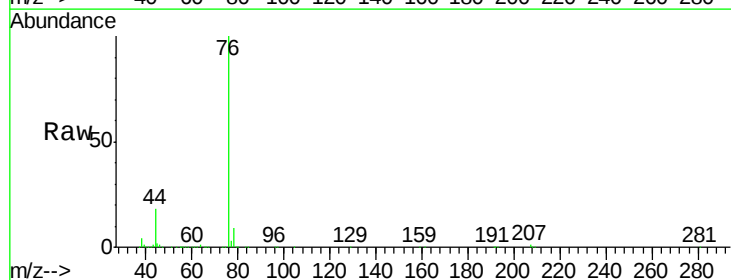
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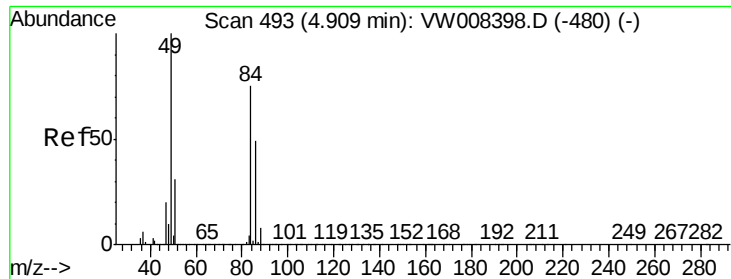
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#17
Carbon Disulfide
Concen: 22.986 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Tgt Ion: 76 Resp: 234662
Ion Ratio Lower Upper
76 100
78 8.7 7.7 11.5





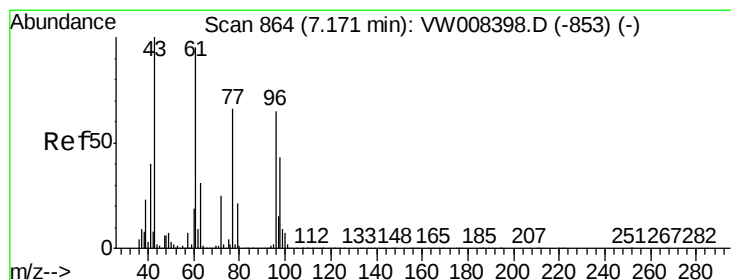
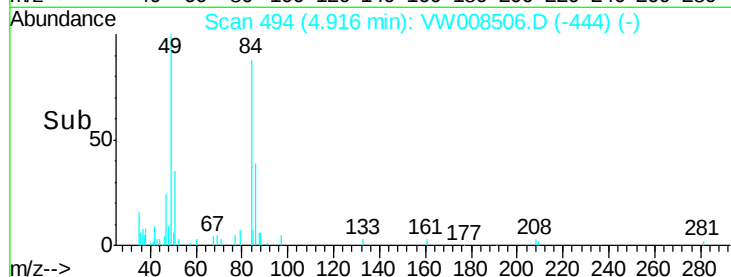
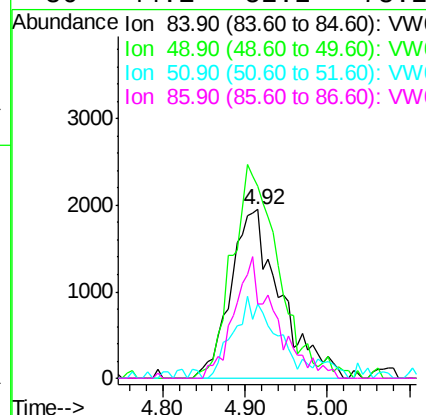
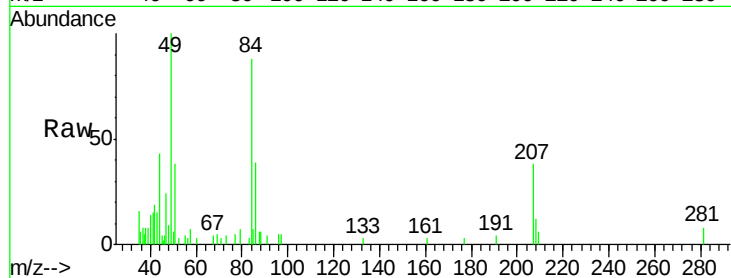
#20
Methvlene Chloride
Concen: 2.308 ug/l m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Instrument :
MSVOA_W
ClientSampleId :
0039-AMND-COMP-2

Tot Ion	Ratio	Lower	Upper
84	100		
49	113.5	106.8	160.2
51	43.7	32.9	49.3
86	44.1	52.2	78.2#

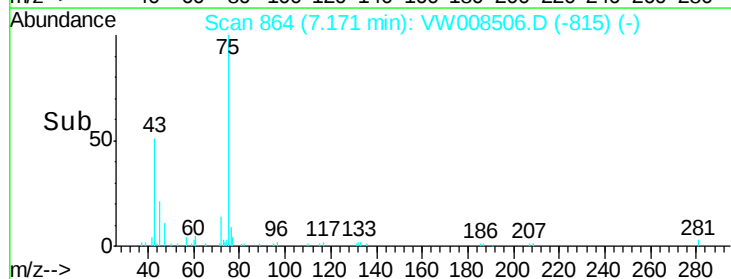
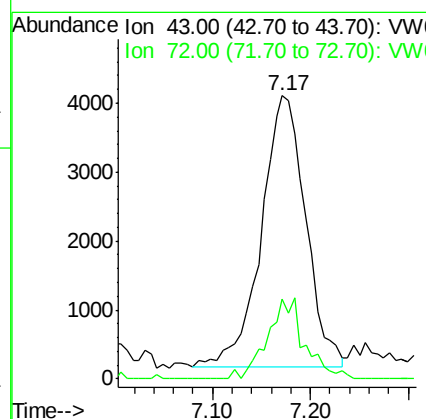
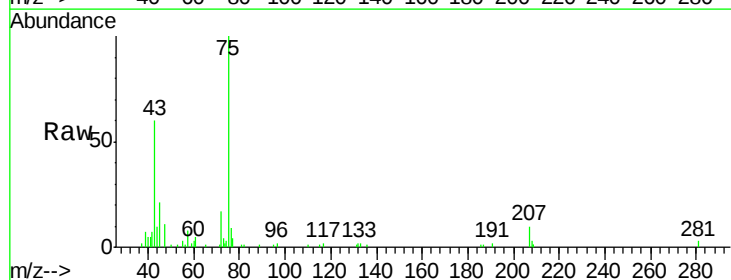
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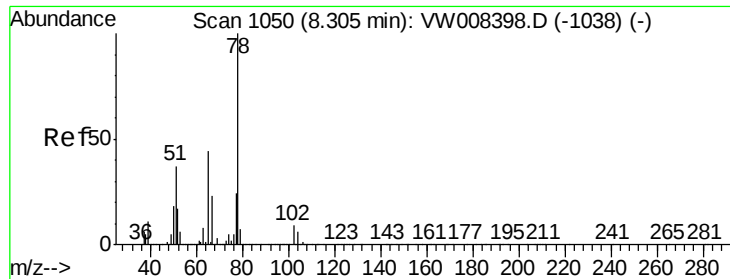
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#25
2-Butanone
Concen: 11.560 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Tgt Ion	Ratio	Lower	Upper
43	100		
72	29.6	20.1	30.1





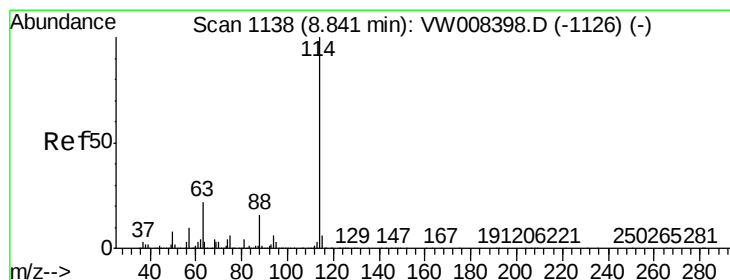
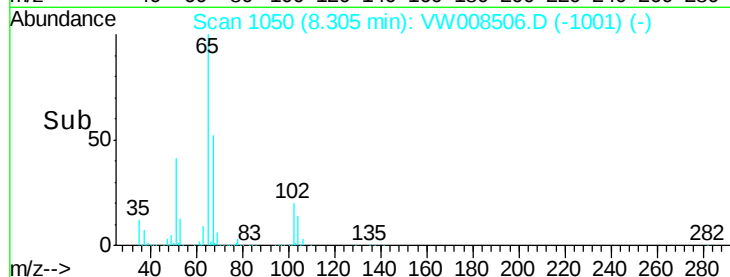
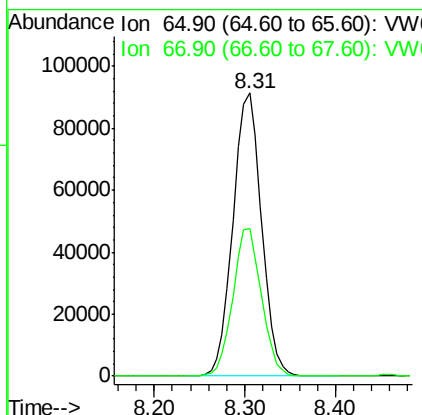
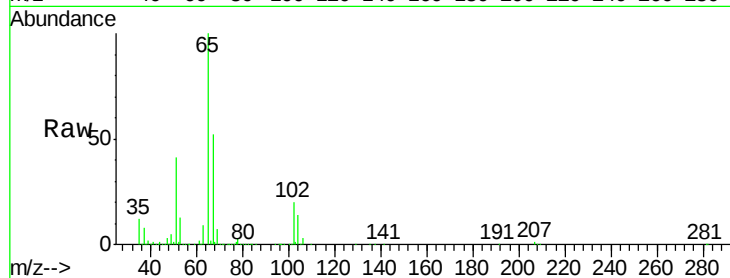
#33
 1,2-Dichloroethane-d4
 Concen: 58.272 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008506.D
 Acq: 04 Feb 2019 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 0039-AMND-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199916		
67	52.2	0.0	104.0	

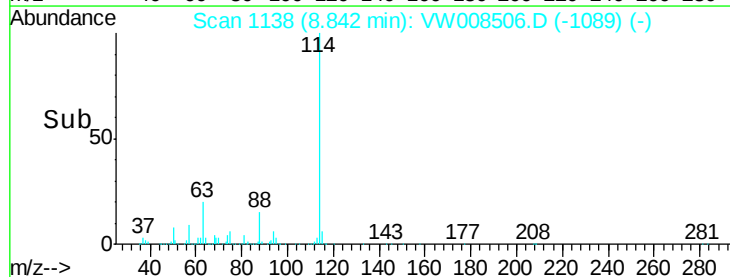
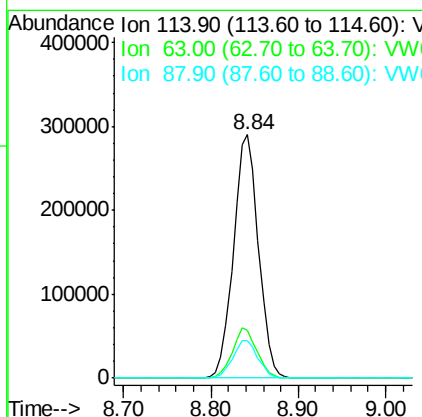
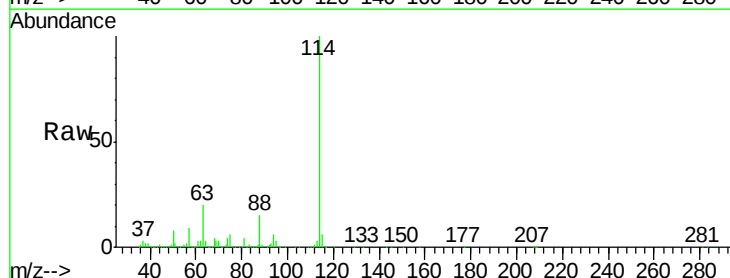
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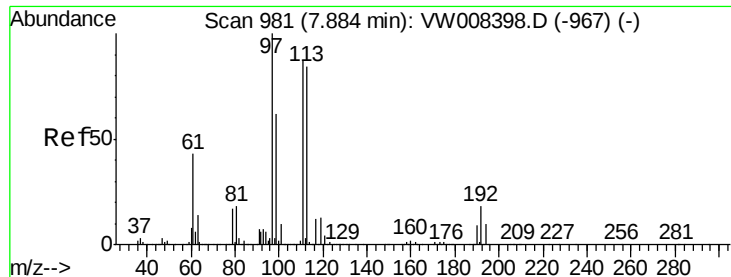
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008506.D
 Acq: 04 Feb 2019 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	572872		
63	19.5	0.0	43.6	
88	15.2	0.0	31.8	





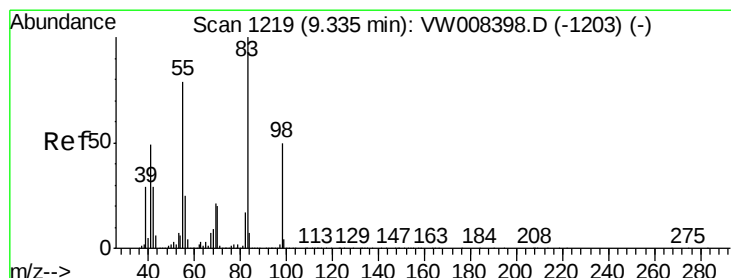
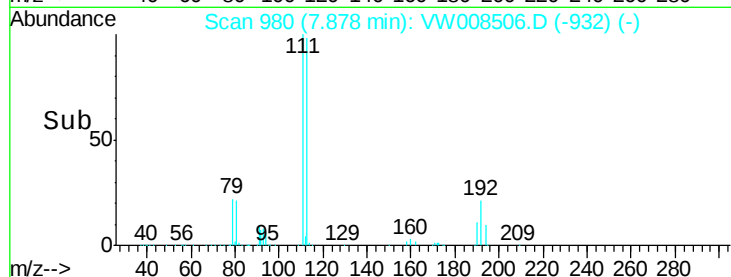
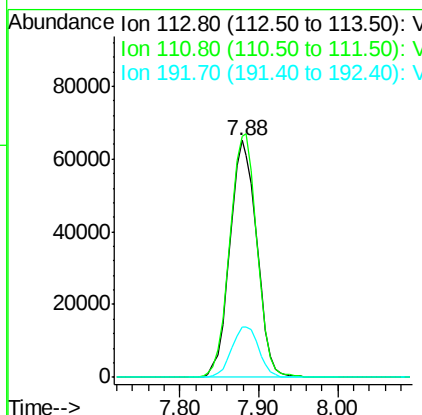
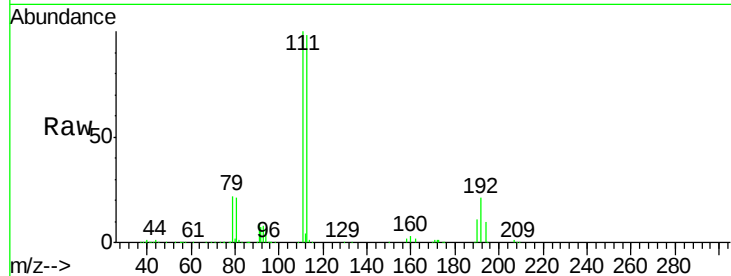
#35
Dibromofluoromethane
Concen: 46.098 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Instrument :
MSVOA_W
ClientSampleId :
0039-AMND-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
113	100	154417		
111	103.9	81.0	121.4	
192	21.6	16.8	25.2	

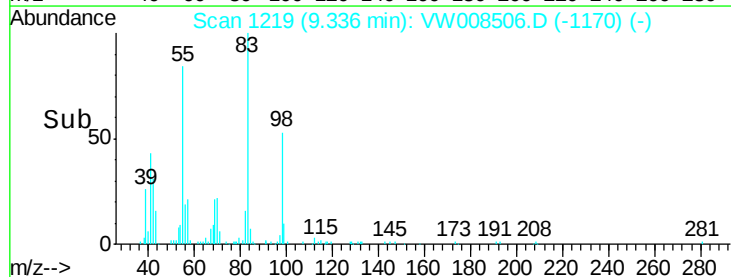
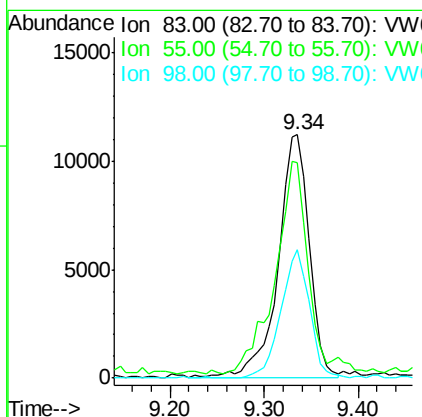
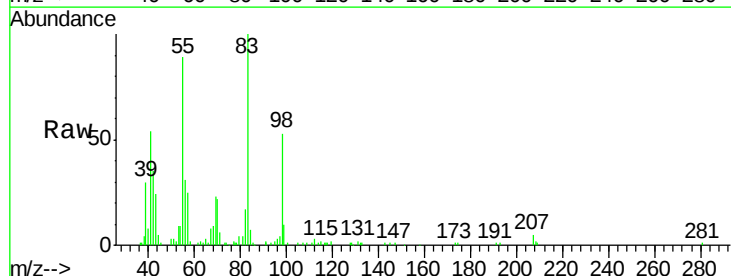
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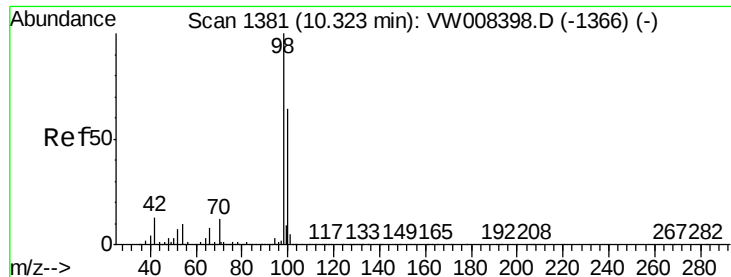
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#39
Methylcyclohexane
Concen: 3.659 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	26010		
55	86.0	63.3	94.9	
98	52.5	39.7	59.5	





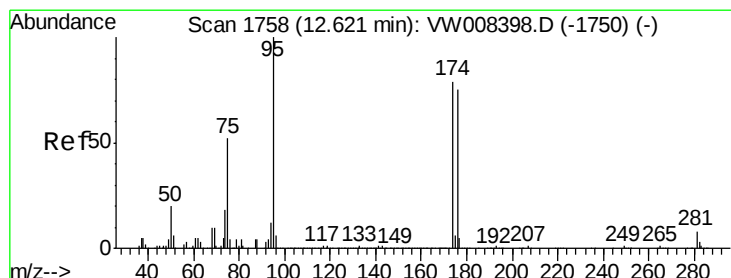
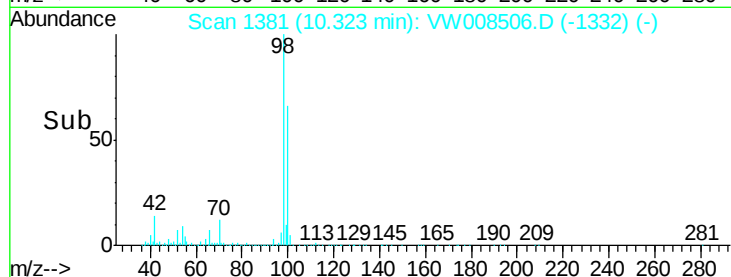
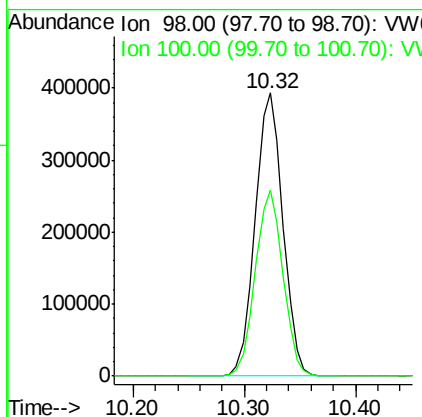
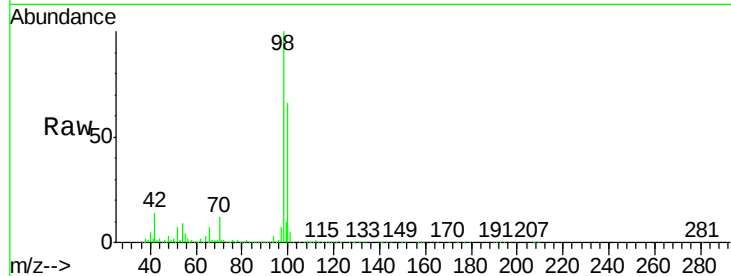
#50
Toluene-d8
Concen: 50.861 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Instrument :
MSVOA_W
ClientSampleId :
0039-AMND-COMP-2

Tot Ion: 98 Resp: 683202
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

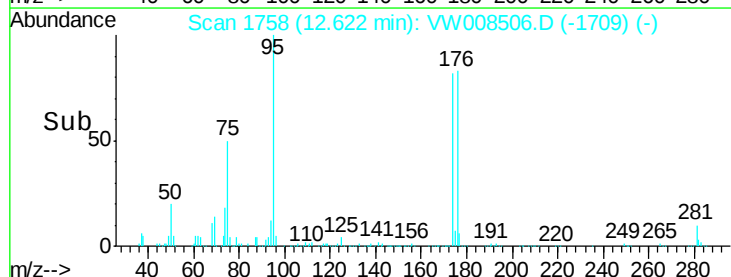
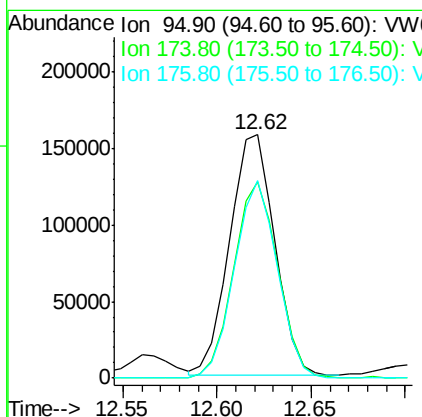
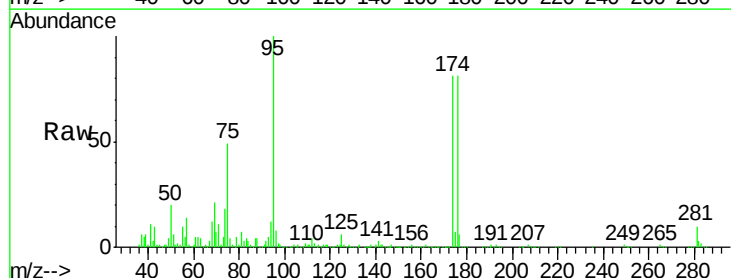
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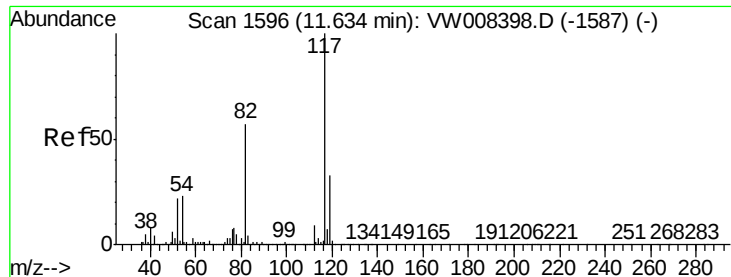
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#62
4-Bromofluorobenzene
Concen: 50.330 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Tgt Ion: 95 Resp: 259872
Ion Ratio Lower Upper
95 100
174 80.3 0.0 157.6
176 78.4 0.0 151.8





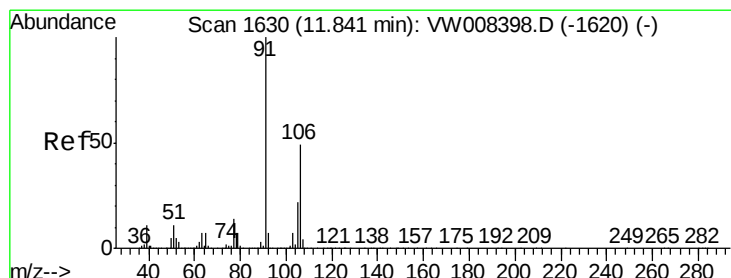
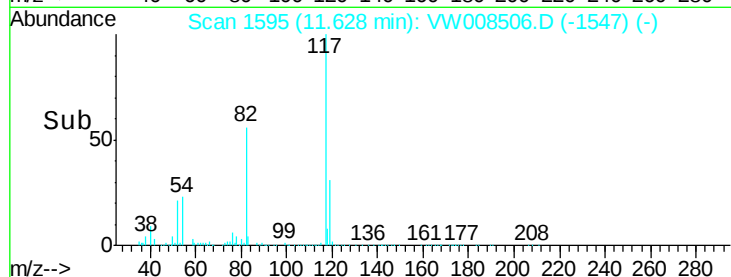
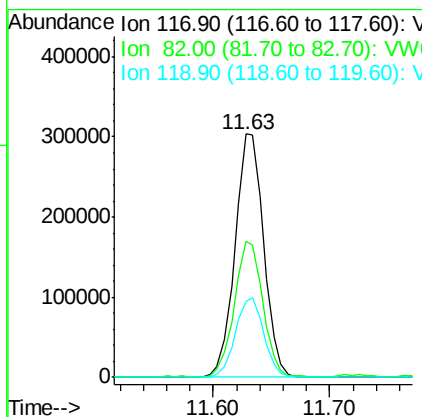
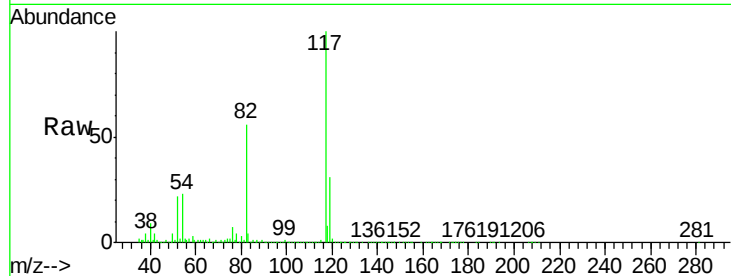
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Instrument :
MSVOA_W
ClientSampleId :
0039-AMND-COMP-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.4	68.0
119	31.3	26.2	39.4

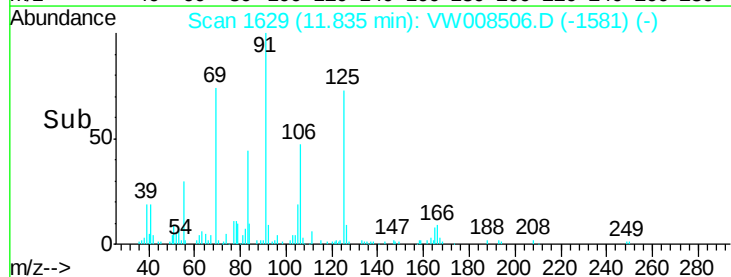
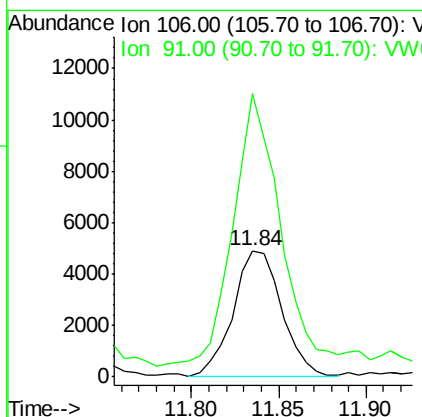
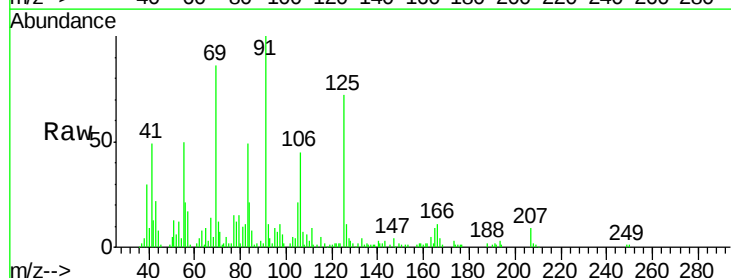
Manual Integrations
APPROVED

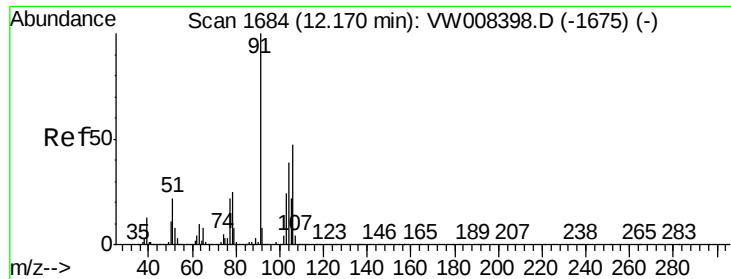
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#68
m/p-Xylenes
Concen: 1.266 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.1	162.9	244.3





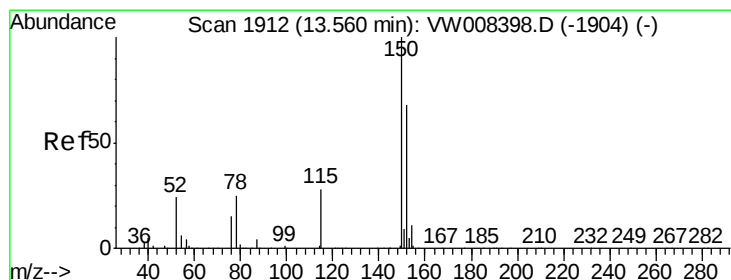
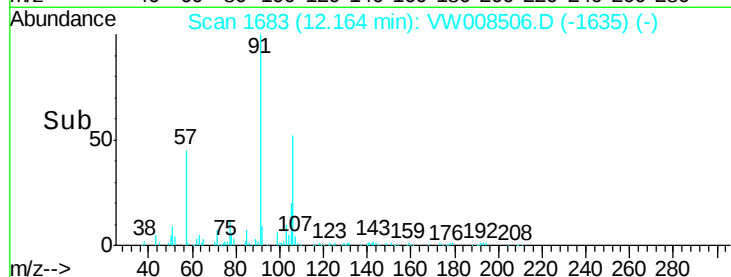
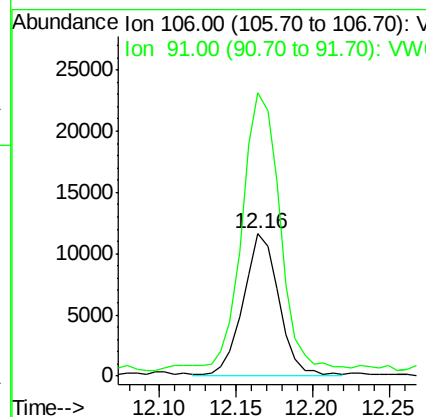
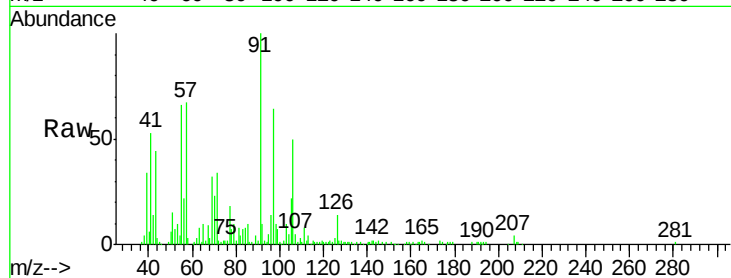
#69
o-Xylene
Concen: 2.639 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Instrument :
MSVOA_W
ClientSampleId :
0039-AMND-COMP-2

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.3	107.5	322.4

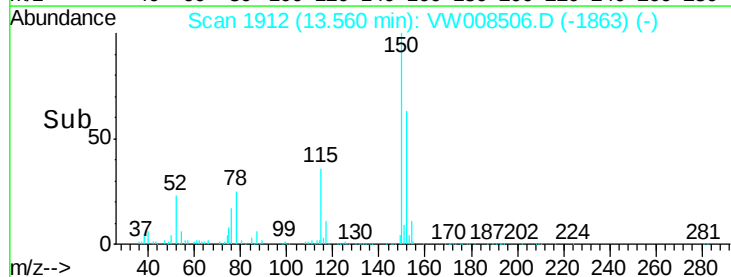
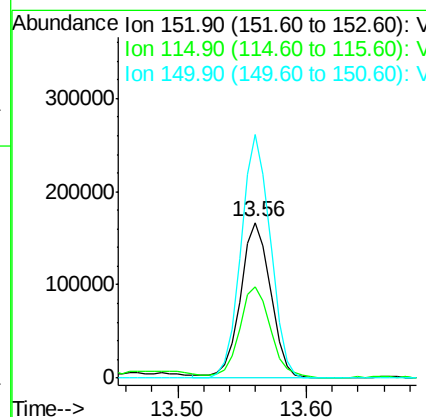
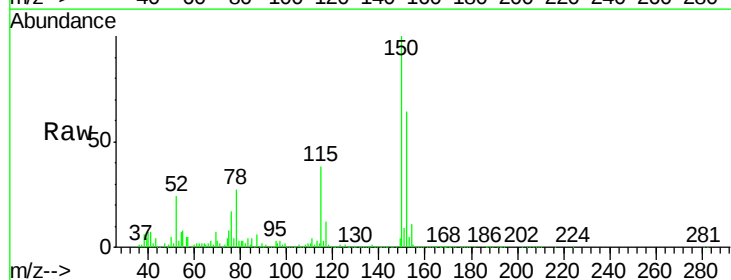
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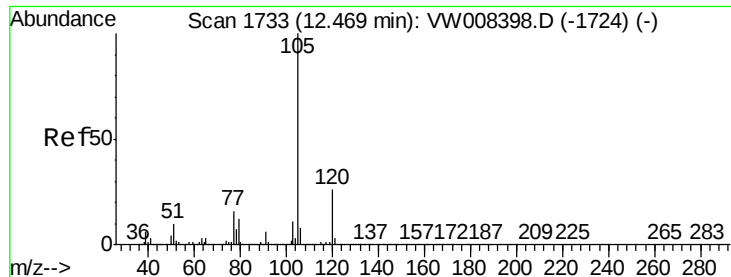
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2/5/2019 10:43:08 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.9	89.7
150	151.3	0.0	351.4





#73

Isopropylbenzene

Concen: 1.560 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008506.D

Acq: 04 Feb 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

0039-AMND-COMP-2

Tot Ion:105 Resp: 31411

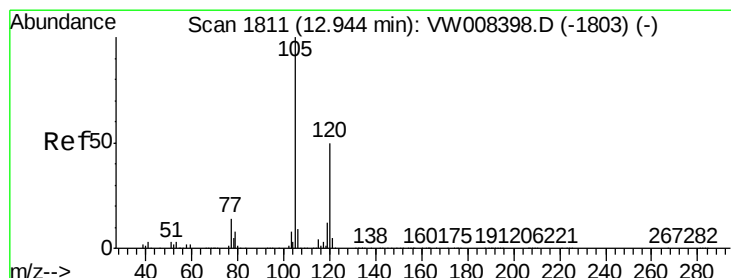
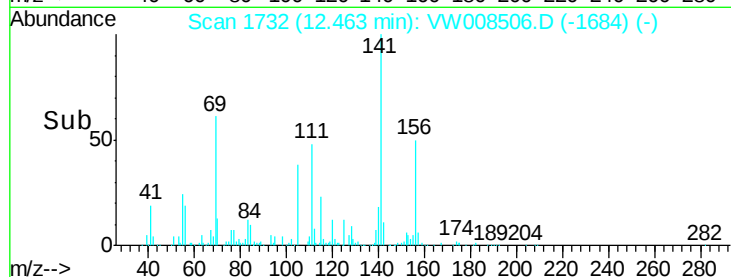
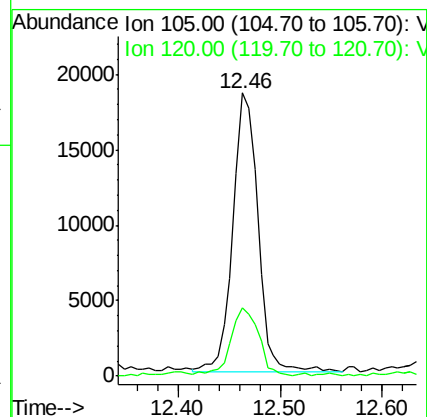
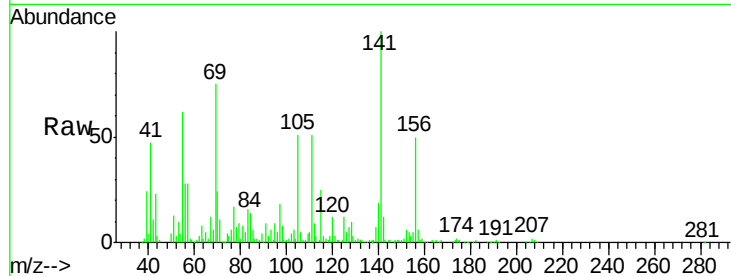
Ion Ratio Lower Upper

105 100

120 27.5 13.3 39.8

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#80

1,3,5-Trimethylbenzene

Concen: 3.485 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008506.D

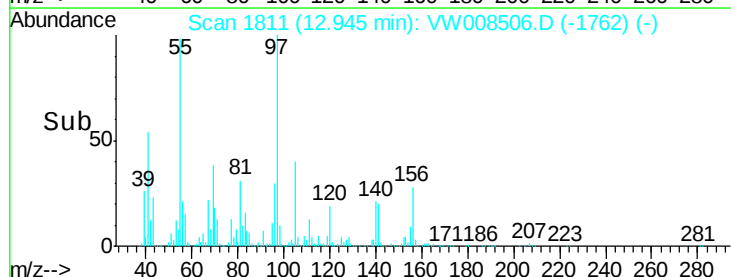
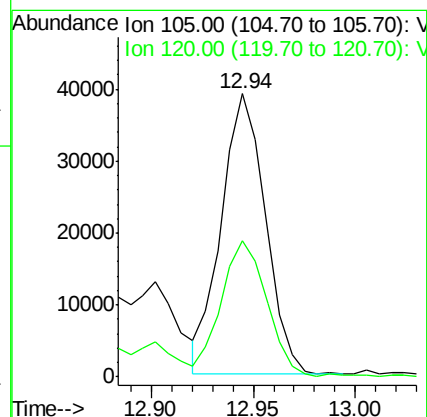
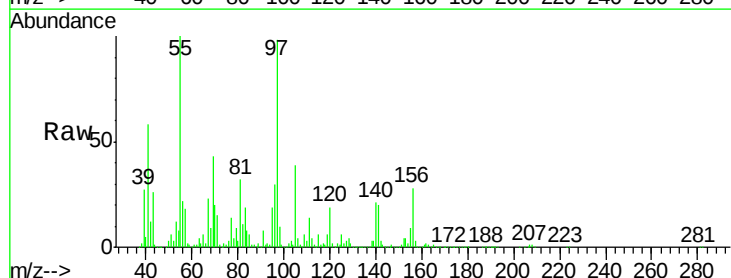
Acq: 04 Feb 2019 17:15

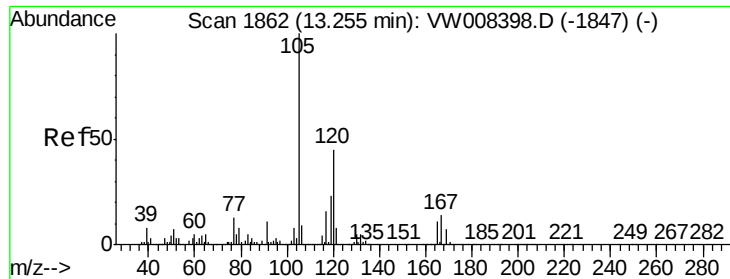
Tgt Ion:105 Resp: 58674

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.8





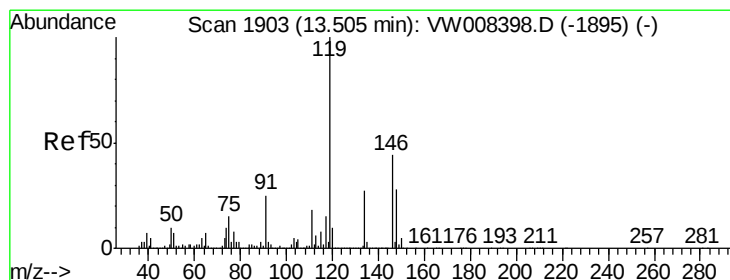
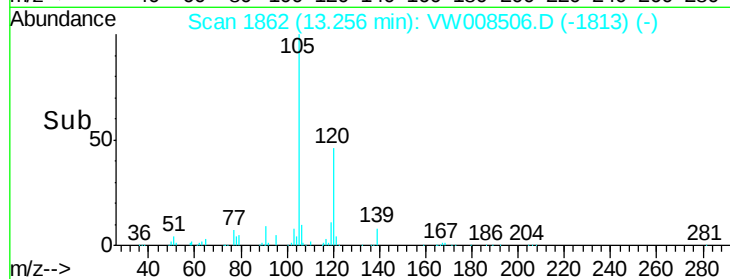
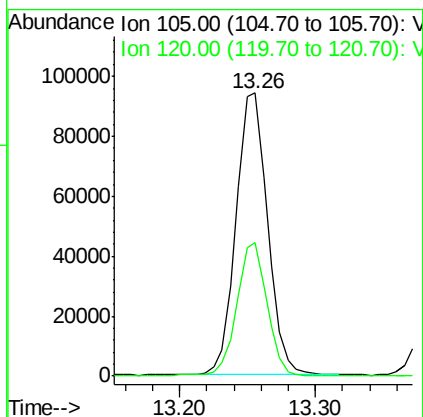
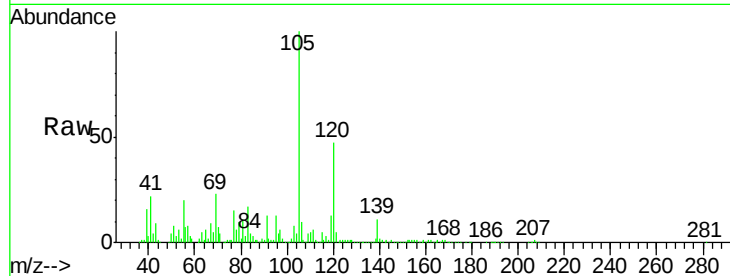
#84
 1,2,4-Trimethylbenzene
 Concen: 8.896 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008506.D
 Acq: 04 Feb 2019 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 0039-AMND-COMP-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.2

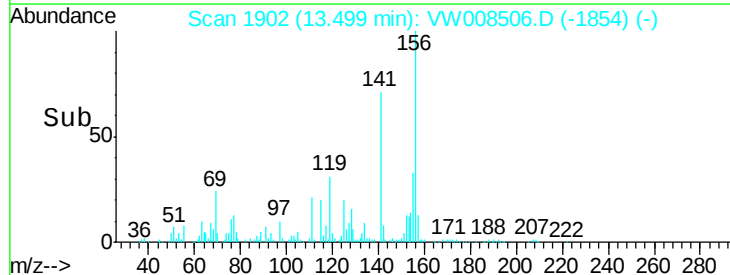
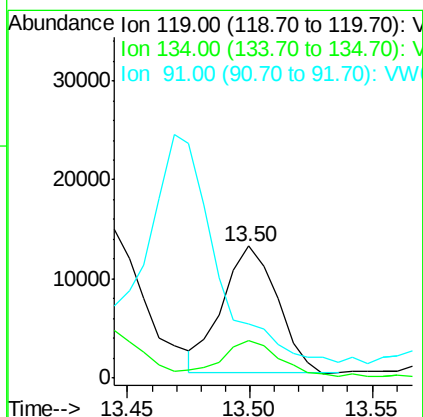
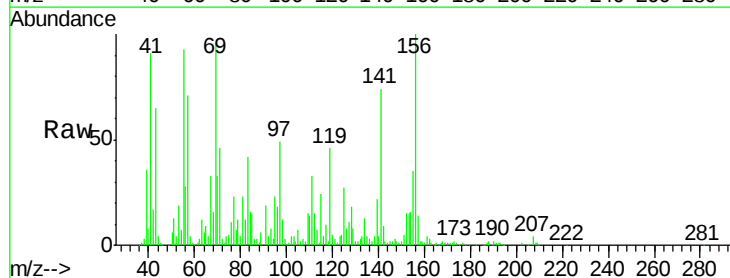
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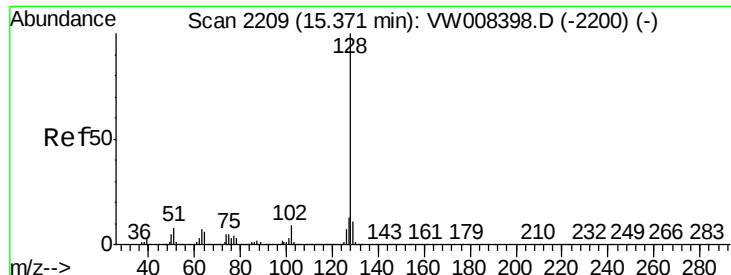
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 2/5/2019 10:43:08 AM



#86
 p-Isopropyltoluene
 Concen: 1.071 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008506.D
 Acq: 04 Feb 2019 17:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.4	40.2
91	0.0	12.6	37.6#





#95
Naphthalene
Concen: 53.115 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008506.D
Acq: 04 Feb 2019 17:15

Instrument :
MSVOA_W
ClientSampleId :
0039-AMND-COMP-2

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.2	8.7	13.1

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2/5/2019 10:43:08 AM

