

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010787.D
 Acq On : 12 Jun 2019 19:27
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:32:25 AM

Quant Time: Jun 13 08:23:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143179	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
35) Dibromofluoromethane	7.88	113	111777	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
50) Toluene-d8	10.32	98	457901	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.62	95	172653	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	88658	42.765	ug/l	100
3) Chloromethane	2.22	50	143295	46.980	ug/l	98
4) Vinyl Chloride	2.36	62	124947	44.338	ug/l	97
5) Bromomethane	2.74	94	68428	44.217	ug/l	100
6) Chloroethane	2.90	64	77674	45.919	ug/l	97
7) Trichlorofluoromethane	3.25	101	172113	47.049	ug/l	100
8) Diethyl Ether	3.68	74	64890	49.637	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	107284	47.702	ug/l	100
10) Methyl Iodide	4.27	142	92017	40.704	ug/l	99
11) Tert butyl alcohol	5.17	59	73214	339.863	ug/l	95
12) 1,1-Dichloroethene	4.03	96	101277	46.681	ug/l	96
13) Acrolein	3.89	56	22393	254.383	ug/l	96
14) Allyl chloride	4.67	41	241338	50.450	ug/l	98
15) Acrylonitrile	5.37	53	166386	261.981	ug/l	99
16) Acetone	4.12	43	189472	267.417	ug/l	98
17) Carbon Disulfide	4.37	76	308880	44.849	ug/l	99
18) Methyl Acetate	4.67	43	83244	54.580	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	320259	51.182	ug/l	99
20) Methylene Chloride	4.92	84	120508	48.483	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	119206	48.401	ug/l	94
22) Diisopropyl ether	6.31	45	498509	52.052	ug/l	99
23) Vinyl Acetate	6.26	43	1499602	259.458	ug/l	100
24) 1,1-Dichloroethane	6.21	63	242498	50.526	ug/l	98
25) 2-Butanone	7.17	43	268166	272.951	ug/l	96
26) 2,2-Dichloropropane	7.17	77	194652	49.840	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	134051	49.458	ug/l	97
28) Bromochloromethane	7.51	49	116595	54.435	ug/l	97
29) Tetrahydrofuran	7.53	42	161372	261.134	ug/l	99
30) Chloroform	7.68	83	222975	50.792	ug/l	100
31) Cyclohexane	7.95	56	241947	45.349	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	192035	50.077	ug/l	100
36) 1,1-Dichloropropene	8.08	75	181810	47.997	ug/l	100
37) Ethyl Acetate	7.25	43	107779	51.346	ug/l	99
38) Carbon Tetrachloride	8.07	117	157512	48.169	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	223264	46.365	ug/l	98
40) Benzene	8.32	78	505922	48.958	ug/l	99
41) Methacrylonitrile	7.48	41	64327	51.557	ug/l	98
42) 1,2-Dichloroethane	8.40	62	167574	51.094	ug/l	99
43) Isopropyl Acetate	8.43	43	212383	52.372	ug/l	99
44) Trichloroethene	9.09	130	123376	48.400	ug/l	97
45) 1,2-Dichloropropane	9.37	63	139093	50.847	ug/l	98
46) Dibromomethane	9.46	93	64271	50.584	ug/l	98
47) Bromodichloromethane	9.65	83	168438	51.142	ug/l	98
48) Methyl methacrylate	9.44	41	102796	52.575	ug/l	96
49) 1,4-Dioxane	9.45	88	22893	1152.444	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	553722	267.276	ug/l	100
52) Toluene	10.39	92	314197	49.416	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	177168	50.787	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	207472	50.542	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	92088	50.311	ug/l	98
56) Ethyl methacrylate	10.65	69	145557	51.681	ug/l	96
57) 1,3-Dichloropropane	10.93	76	175731	50.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	351340	238.163	ug/l	100
59) 2-Hexanone	10.97	43	393998	263.142	ug/l	98
60) Dibromochloromethane	11.13	129	103568	51.043	ug/l	99
61) 1,2-Dibromoethane	11.24	107	86812	50.058	ug/l	98
64) Tetrachloroethene	10.86	164	105390	47.738	ug/l	97
65) Chlorobenzene	11.66	112	316051	48.336	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	113828	50.290	ug/l	99
67) Ethyl Benzene	11.73	91	610749	48.602	ug/l	98
68) m/p-Xylenes	11.84	106	440436	97.910	ug/l	99
69) o-Xylene	12.16	106	208502	48.871	ug/l	97
70) Styrene	12.18	104	368448	49.715	ug/l	99
71) Bromoform	12.35	173	58444	49.926	ug/l #	99
73) Isopropylbenzene	12.47	105	576045	46.812	ug/l	100
74) N-amyl acetate	12.27	43	207055	52.064	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	113696	48.533	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	82367m	47.898	ug/l	
77) Bromobenzene	12.75	156	127983	47.647	ug/l	97
78) n-propylbenzene	12.80	91	701864	47.302	ug/l	100
79) 2-Chlorotoluene	12.90	91	406445	47.946	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	484733	48.126	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35713	47.731	ug/l	98
82) 4-Chlorotoluene	12.99	91	422317	48.275	ug/l	99
83) tert-Butylbenzene	13.21	119	408705	47.812	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	489394	48.285	ug/l	99
85) sec-Butylbenzene	13.38	105	587632	47.215	ug/l	99
86) p-Isopropyltoluene	13.50	119	533360	47.922	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	248721	48.016	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	246306	47.962	ug/l	99
89) n-Butylbenzene	13.83	91	541788	48.789	ug/l	99
90) Hexachloroethane	14.10	117	96487	48.409	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	225189	48.341	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20371	50.639	ug/l	98

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QLast Update : Wed Jun 05 03:21:19 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	162863	49.820	ug/l	100
94) Hexachlorobutadiene	15.24	225	100738	49.101	ug/l	99
95) Naphthalene	15.37	128	301721	50.800	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	140972	50.707	ug/l	98

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

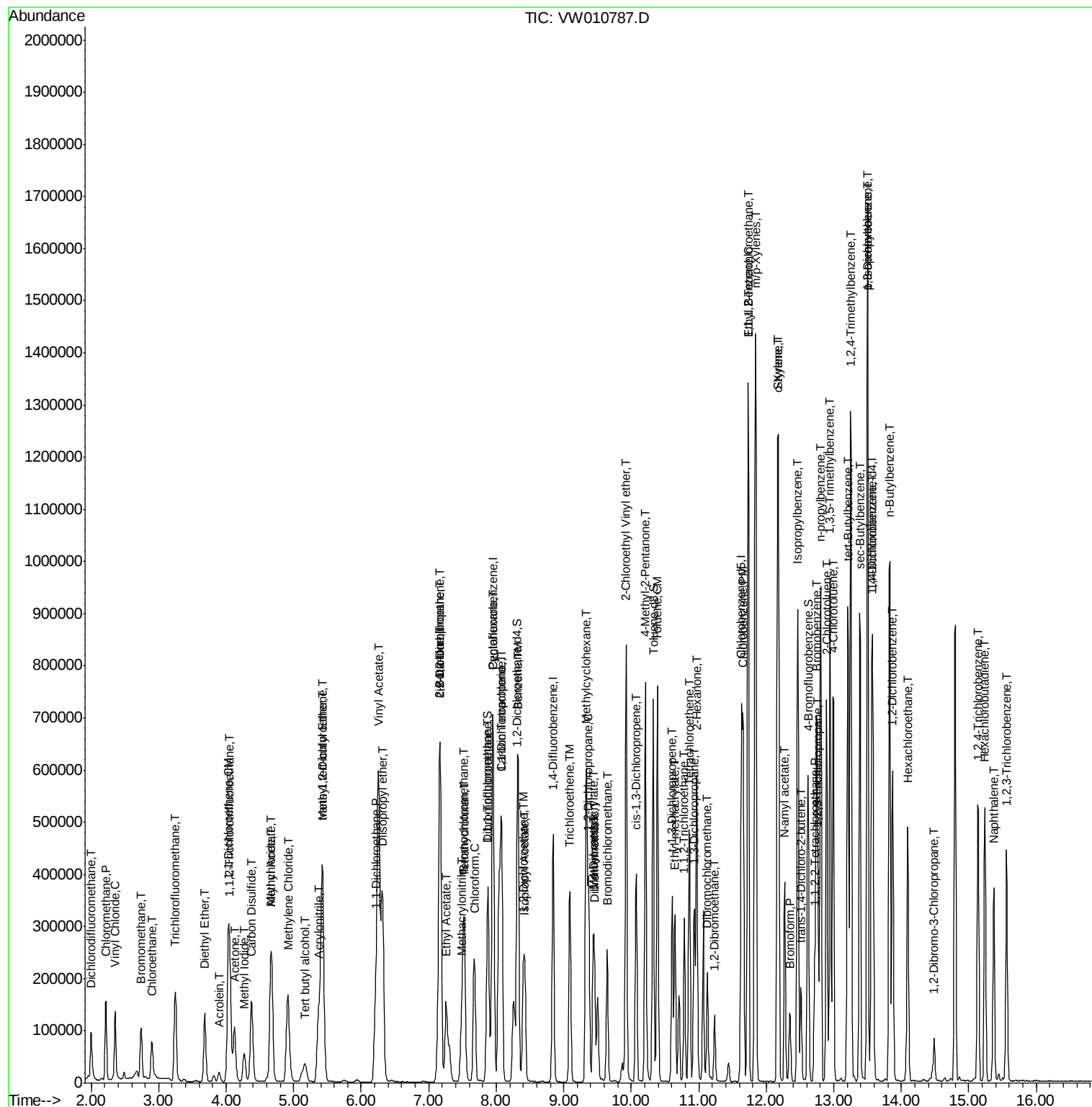
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010787.D
 Acq On : 12 Jun 2019 19:27
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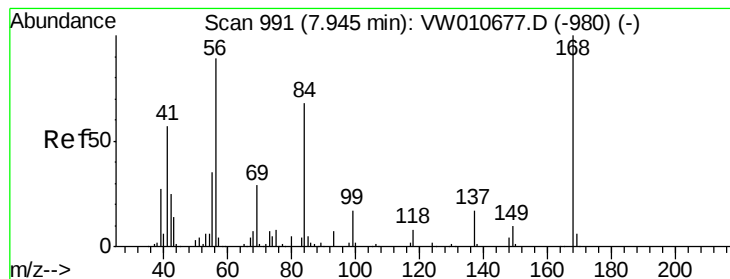
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

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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: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 224343

Ion Ratio Lower Upper

168 100

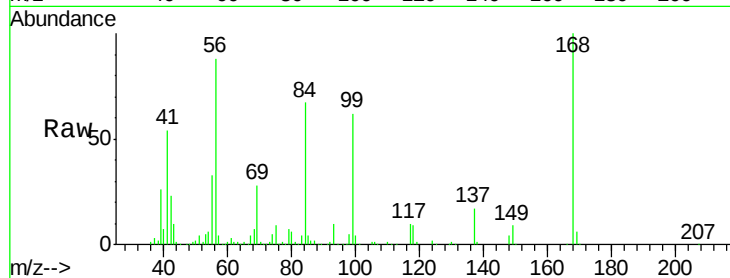
99 61.6 47.7 71.5

Manual Integrations

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6/13/2019 11:32:25 AM



Abundance Ion 167.90 (167.60 to 168.60): VW010787.D (-942) (-)

Ion 98.90 (98.60 to 99.60): VW010787.D (-942) (-)

120000

100000

80000

60000

40000

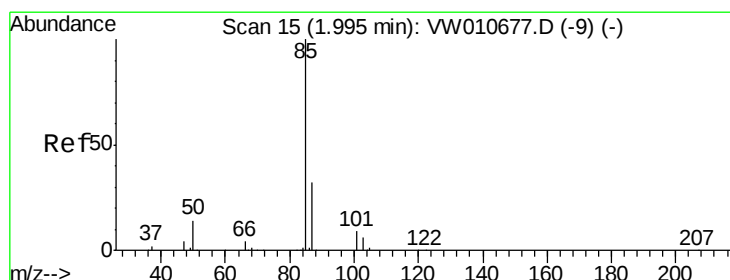
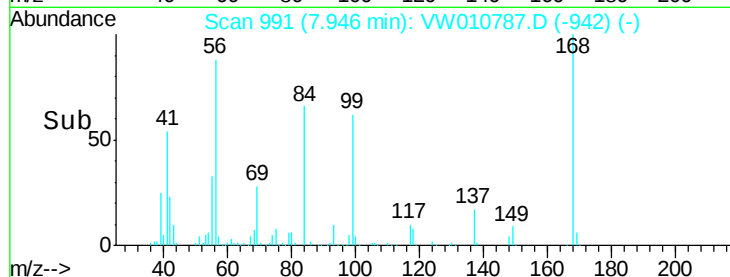
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 42.765 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010787.D

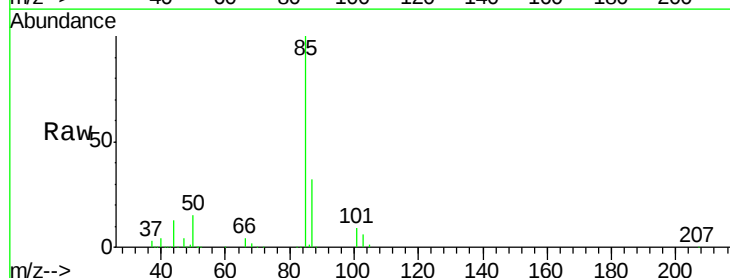
Acq: 12 Jun 2019 19:27

Tgt Ion: 85 Resp: 88658

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW010787.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VW010787.D (-1) (-)

50000

40000

30000

20000

10000

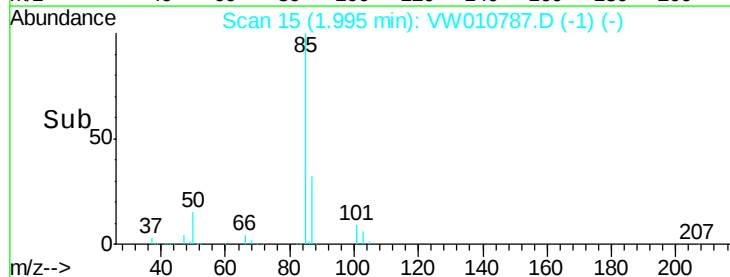
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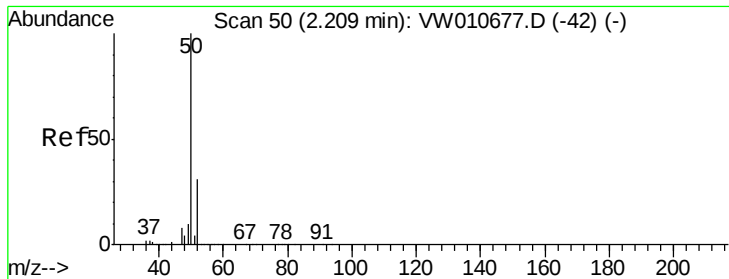
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 46.980 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 143295

Ion Ratio Lower Upper

50 100

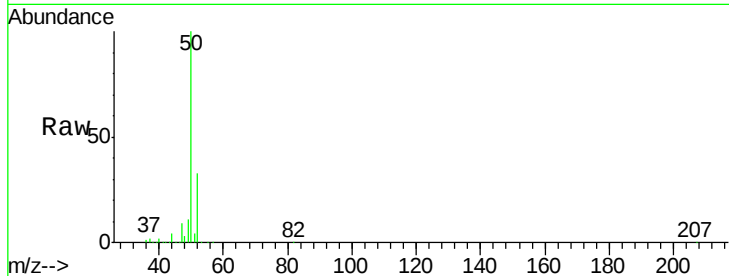
52 32.6 25.2 37.8

Manual Integrations

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6/13/2019 11:32:25 AM



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.22

100000

80000

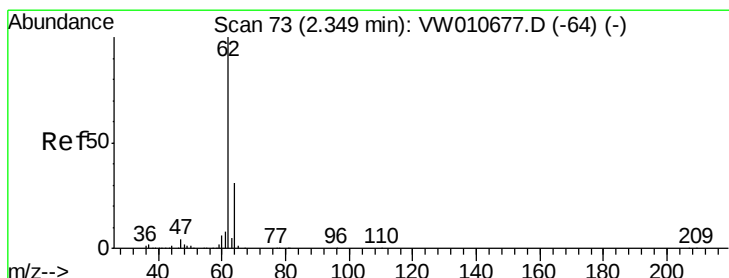
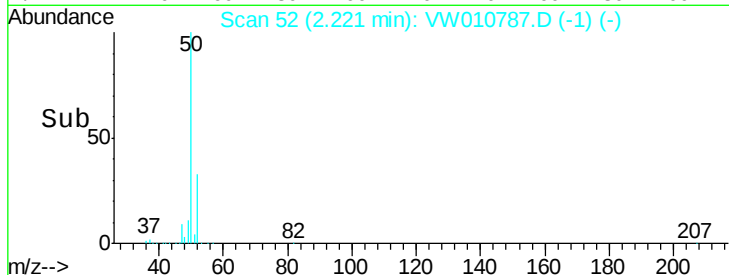
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 44.338 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010787.D

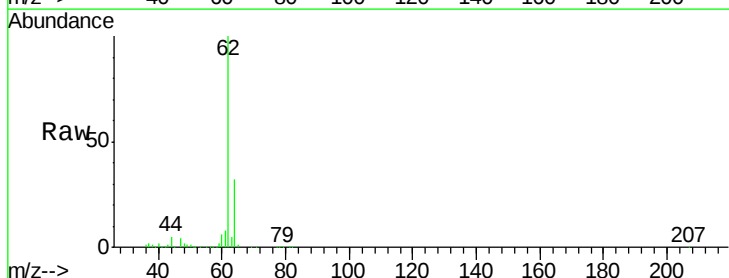
Acq: 12 Jun 2019 19:27

Tgt Ion: 62 Resp: 124947

Ion Ratio Lower Upper

62 100

64 32.4 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

80000

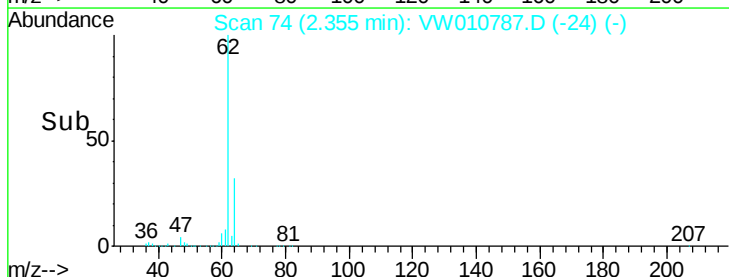
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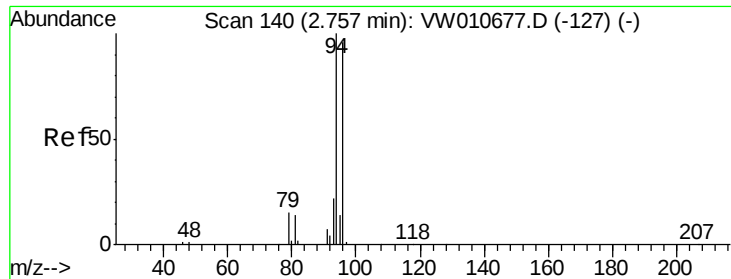
40000

20000

0

Time-->





#5

Bromomethane

Concen: 44.217 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 68428

Ion Ratio Lower Upper

94 100

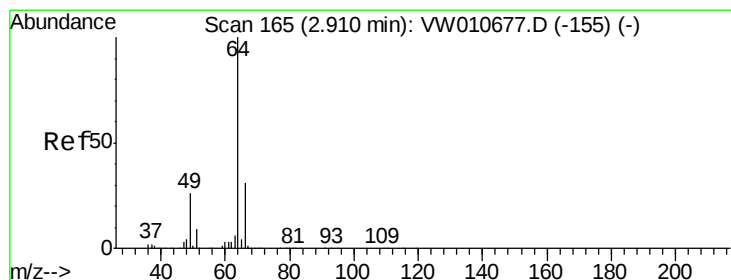
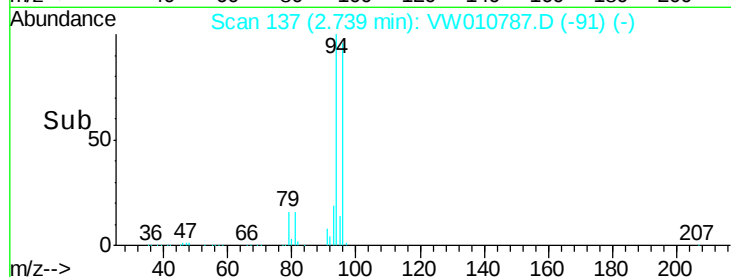
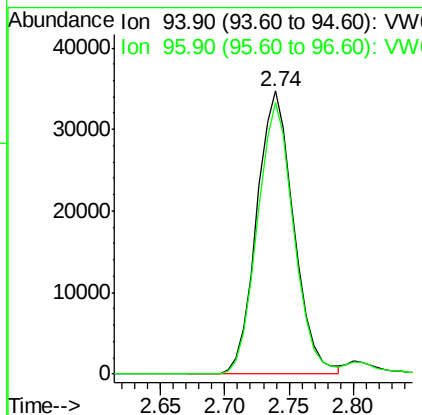
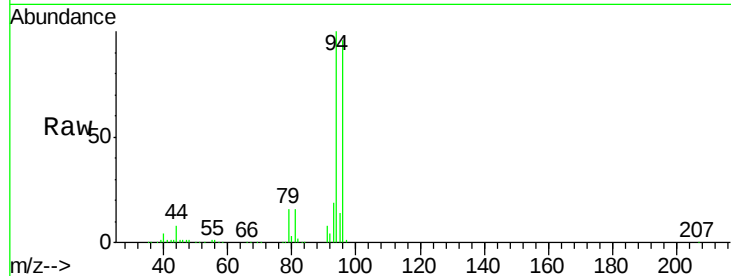
96 96.0 76.5 114.7

Manual Integrations

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6/13/2019 11:32:25 AM



#6

Chloroethane

Concen: 45.919 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010787.D

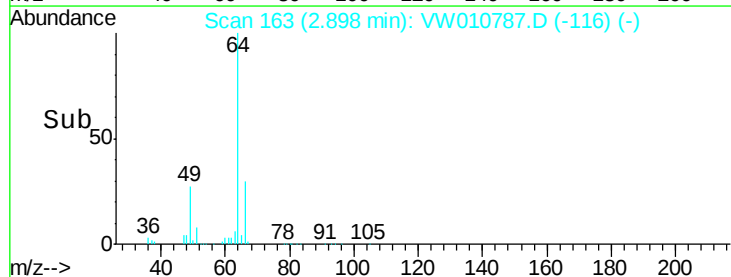
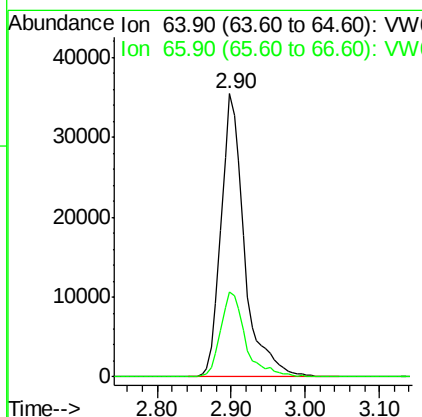
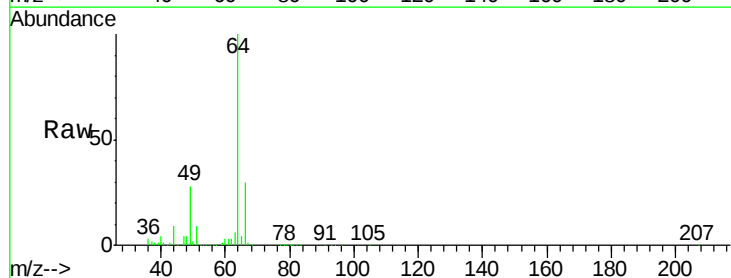
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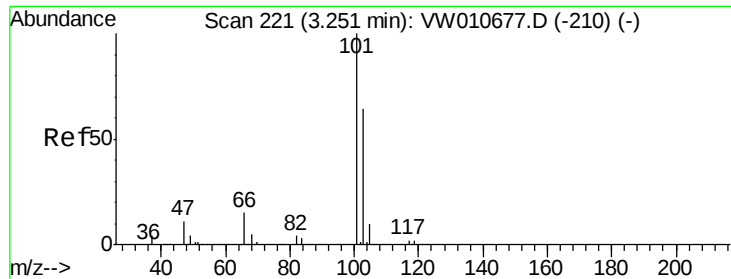
Tgt Ion: 64 Resp: 77674

Ion Ratio Lower Upper

64 100

66 29.8 25.1 37.7





#7

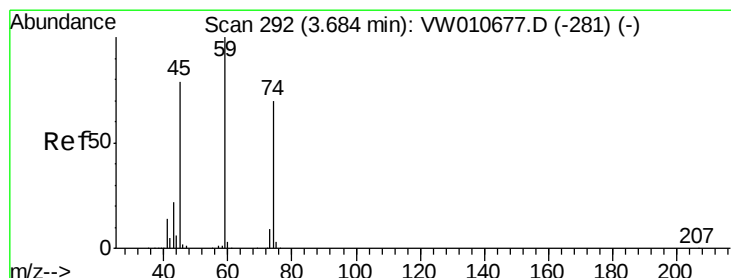
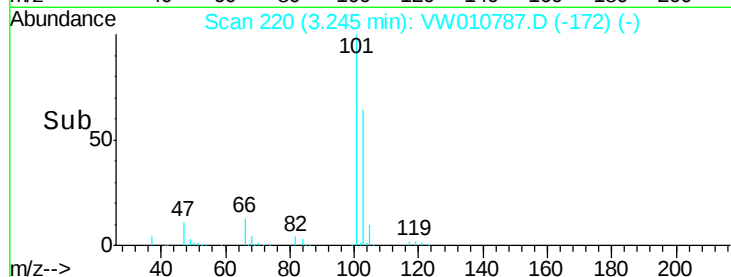
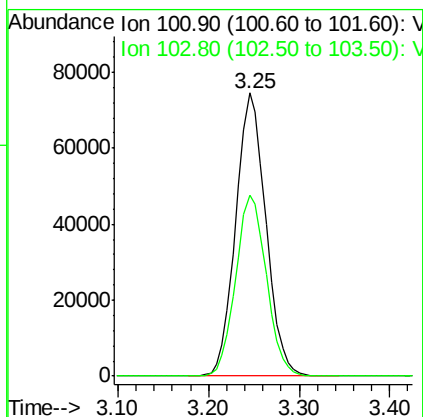
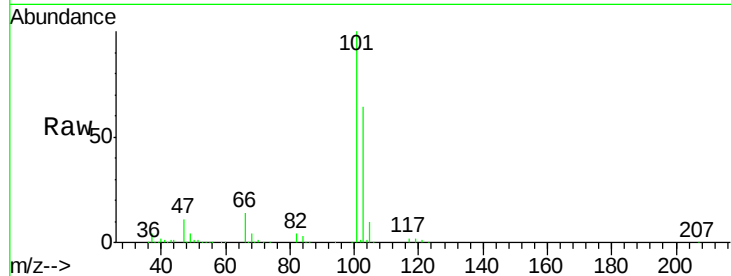
Trichlorofluoromethane
 Concen: 47.049 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	172113		
103	63.8	51.2	76.8	

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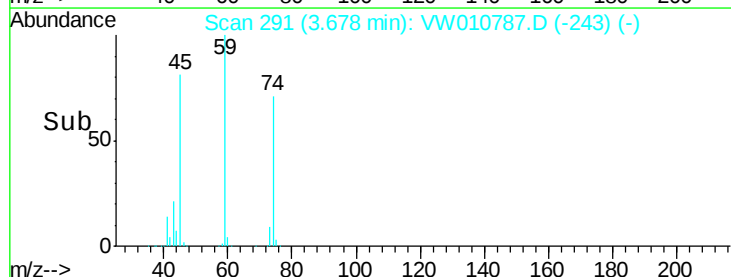
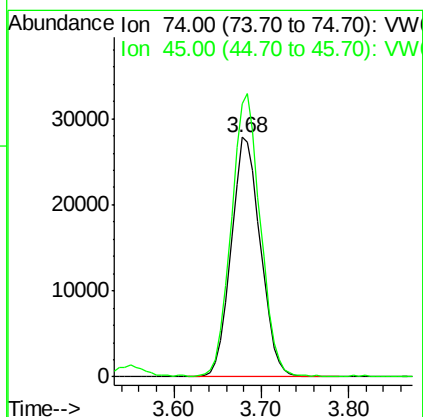
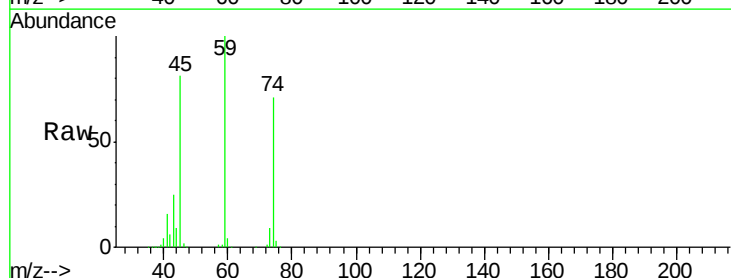
MMDadoda
 6/13/2019 11:32:25 AM

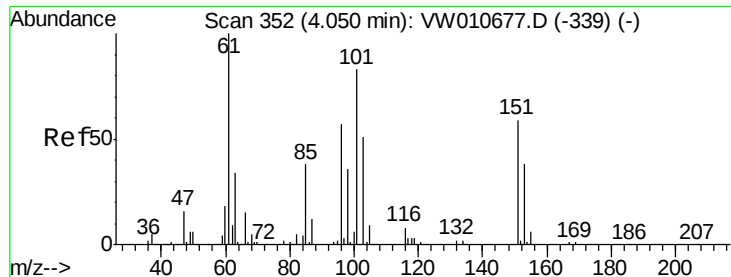


#8

Diethyl Ether
 Concen: 49.637 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	64890		
45	117.0	56.9	170.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.702 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

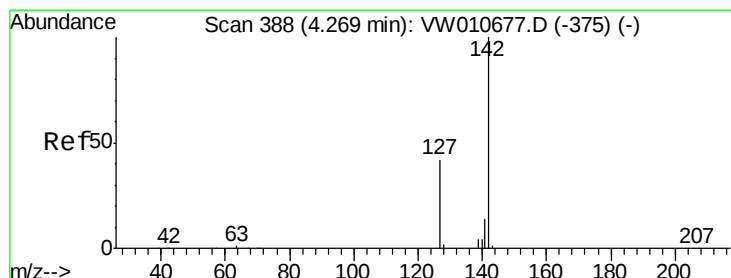
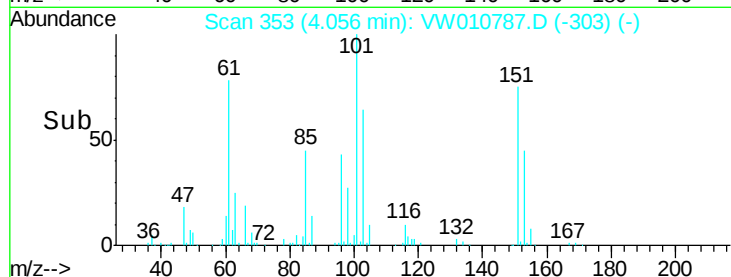
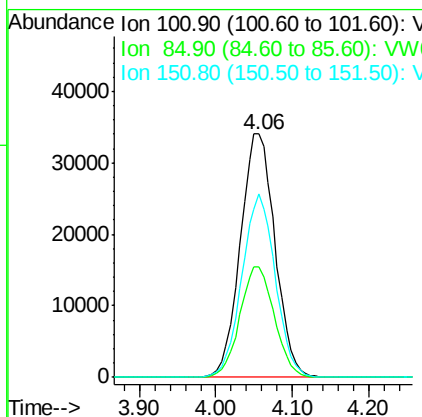
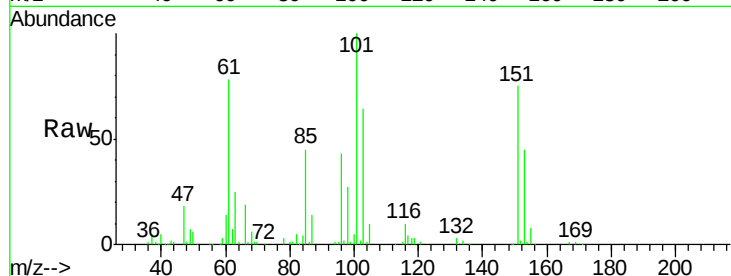
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	107284
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.8	53.8
151	72.5	58.1	87.1

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#10

Methyl Iodide

Concen: 40.704 ug/l

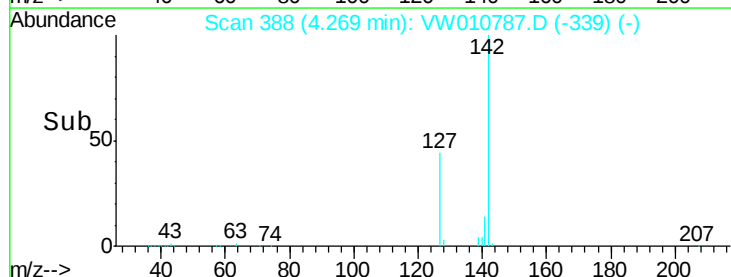
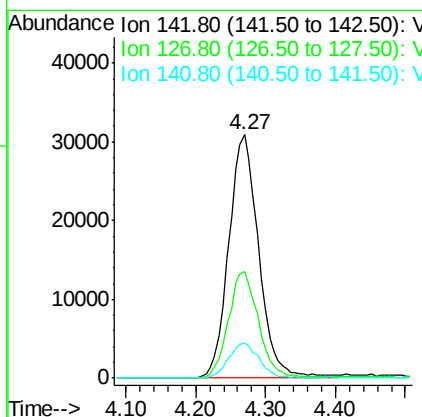
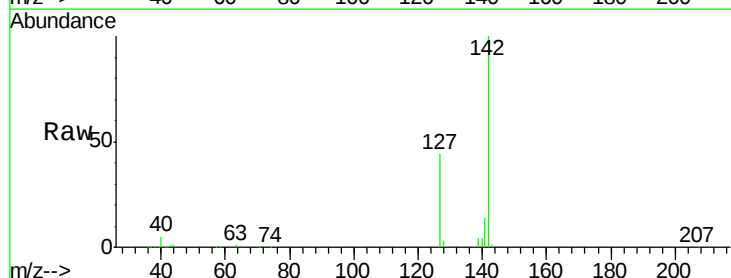
RT: 4.27 min Scan# 388

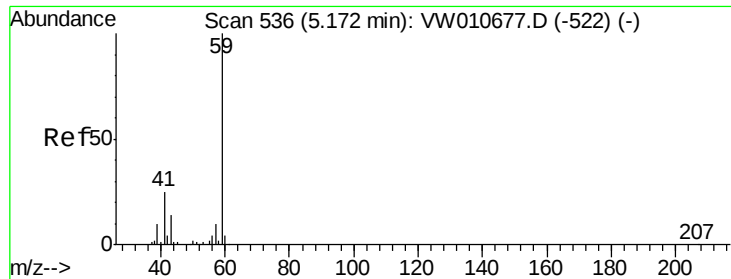
Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Tgt Ion:	142	Resp:	92017
Ion Ratio	Lower	Upper	
142	100		
127	44.2	34.6	51.8
141	14.5	11.6	17.4





#11

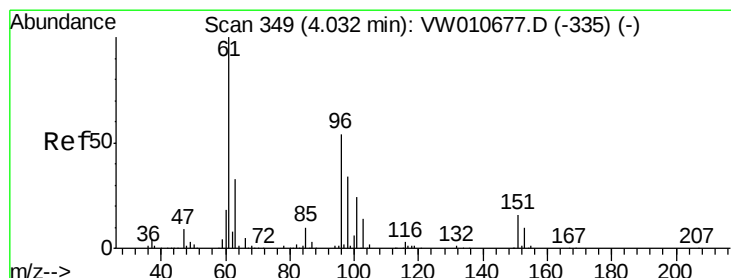
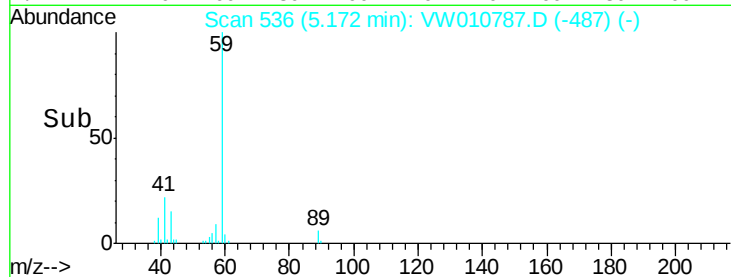
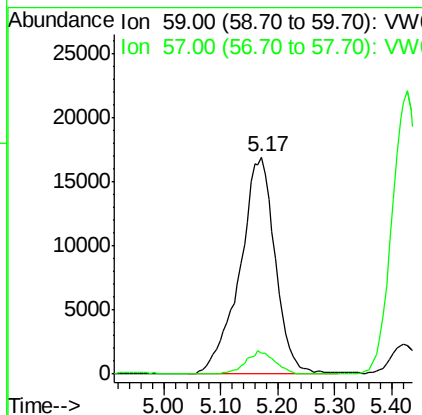
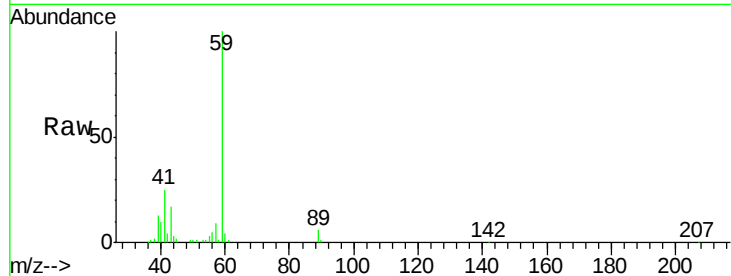
Tert butyl alcohol
Concen: 339.863 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.6	12.8

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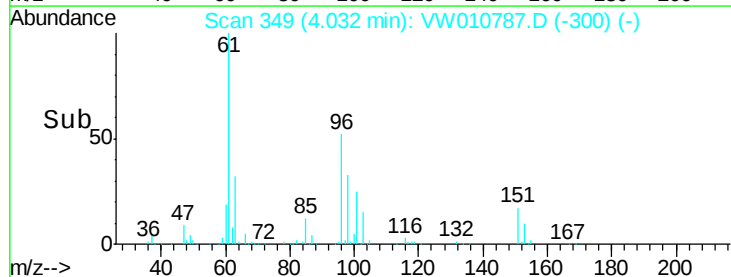
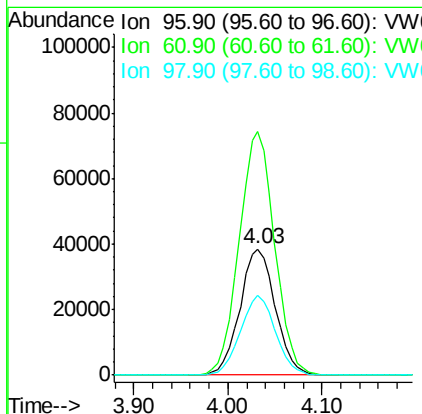
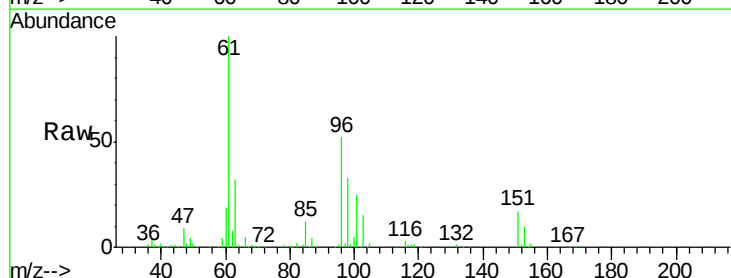
MMDadoda
6/13/2019 11:32:25 AM

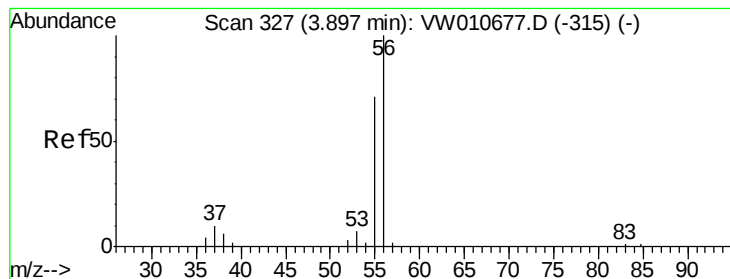


#12

1,1-Dichloroethene
Concen: 46.681 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	193.0	149.1	223.7
98	63.5	51.1	76.7





#13

Acrolein

Concen: 254.383 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 22393

Ion Ratio Lower Upper

56 100

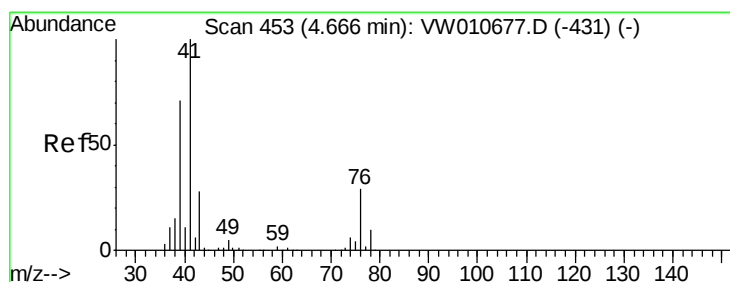
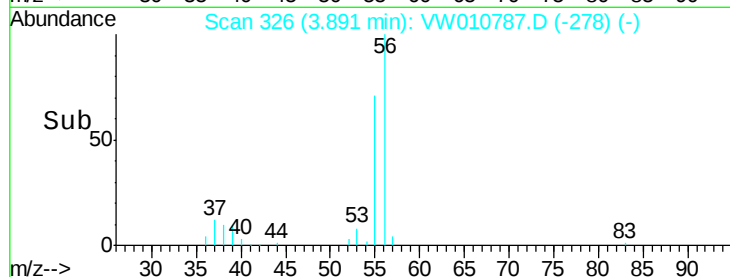
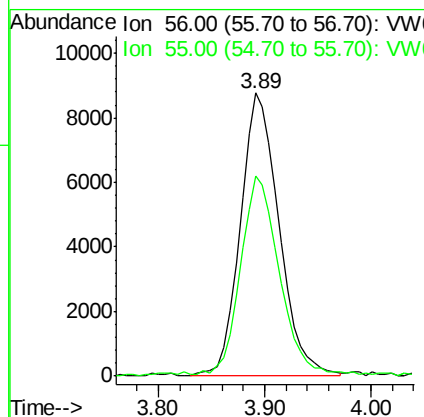
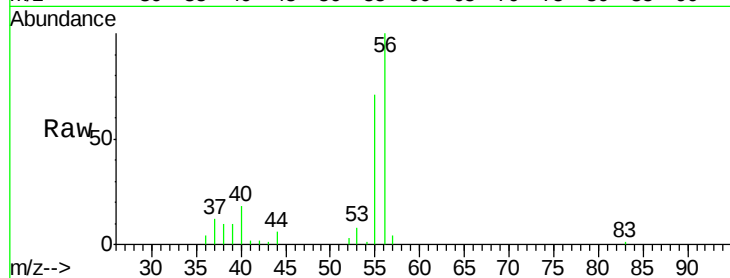
55 68.8 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 50.450 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

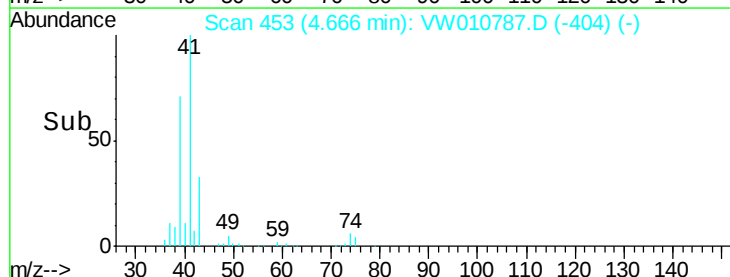
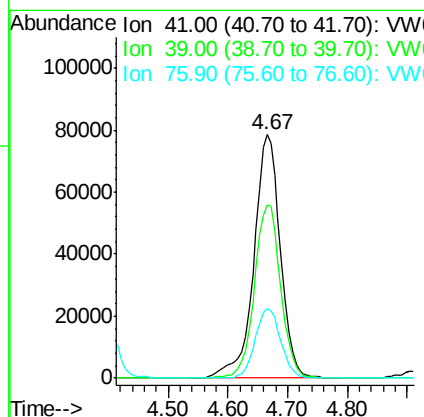
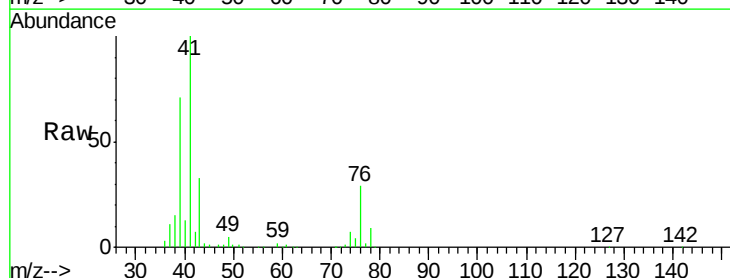
Tgt Ion: 41 Resp: 241338

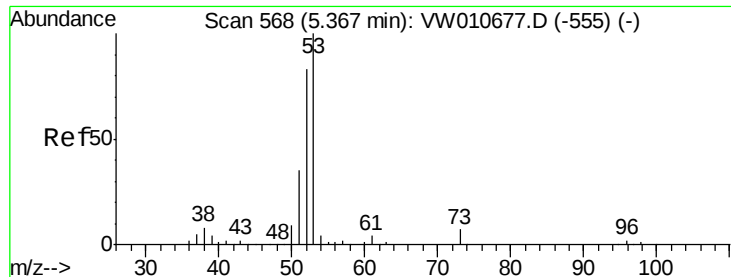
Ion Ratio Lower Upper

41 100

39 71.1 55.8 83.6

76 27.6 22.7 34.1





#15

Acrylonitrile

Concen: 261.981 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

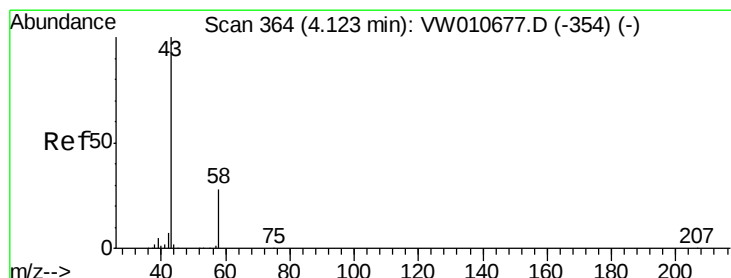
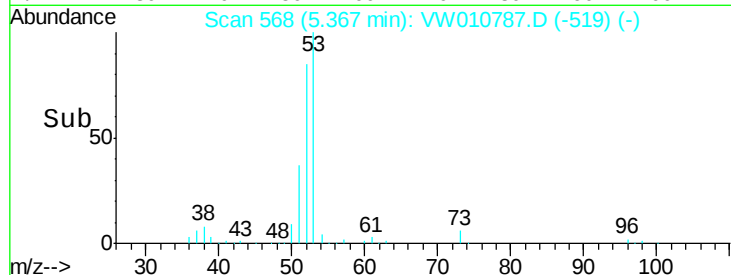
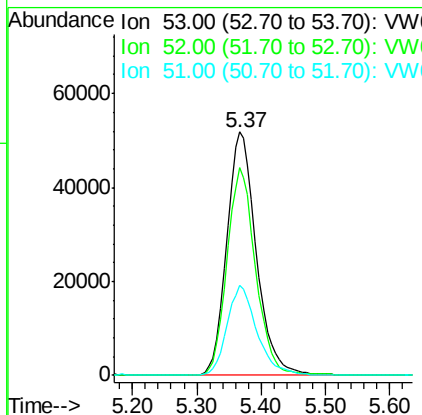
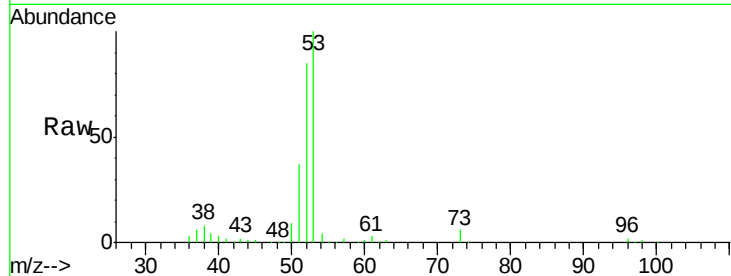
ClientSampleID :

VSTDCCC050EC

Tot Ion:	53	Resp:	166386
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.6	100.0
51	37.6	29.8	44.8

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#16

Acetone

Concen: 267.417 ug/l

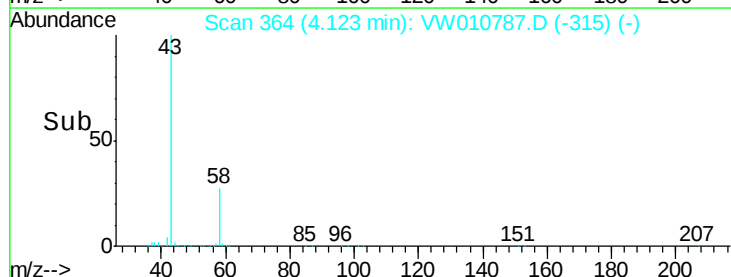
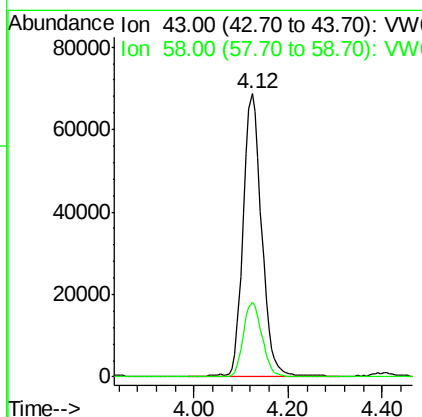
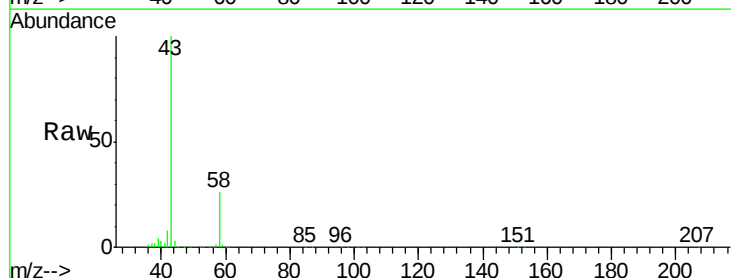
RT: 4.12 min Scan# 364

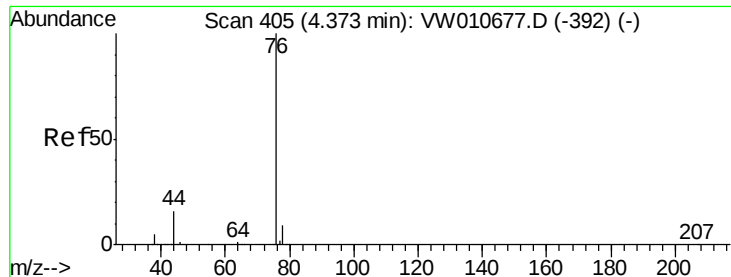
Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Tgt Ion:	43	Resp:	189472
Ion	Ratio	Lower	Upper
43	100		
58	26.3	22.1	33.1





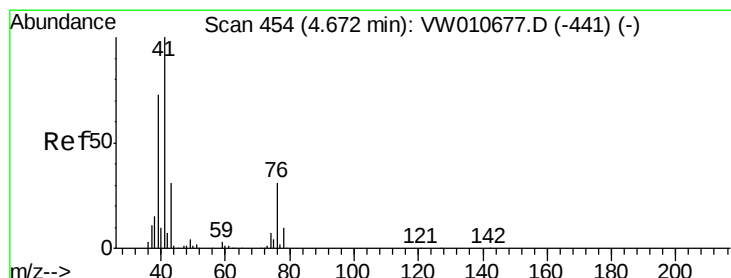
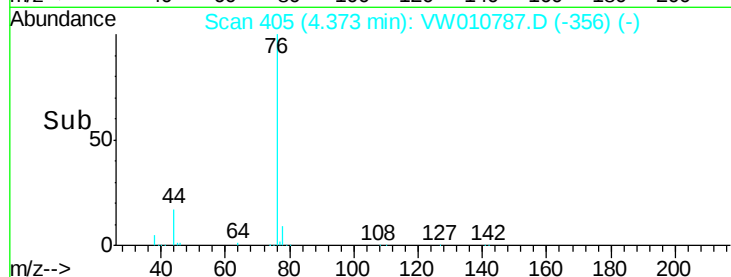
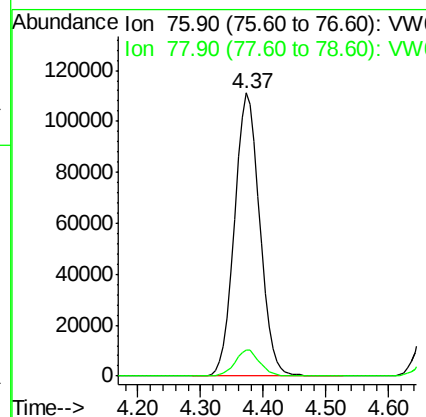
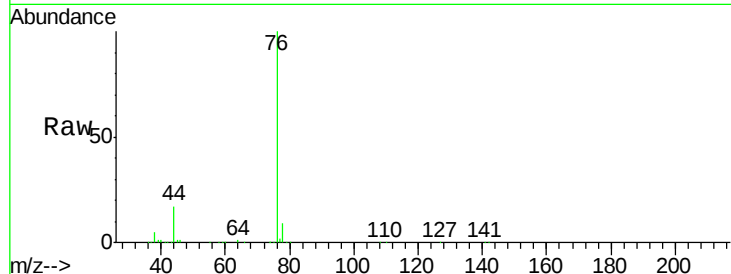
#17
Carbon Disulfide
Concen: 44.849 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
76	100	308880		
78	9.1		7.5	11.3

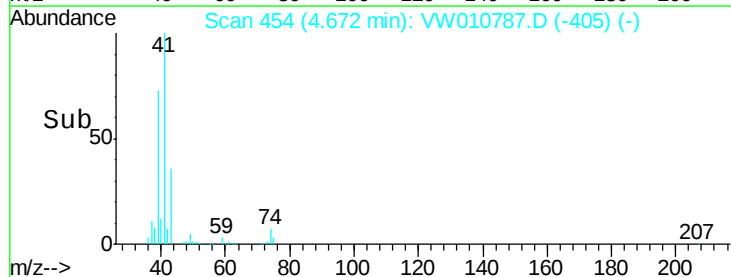
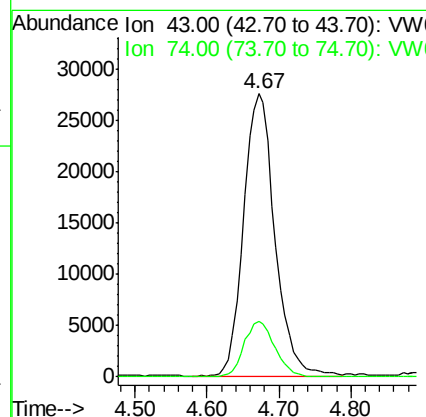
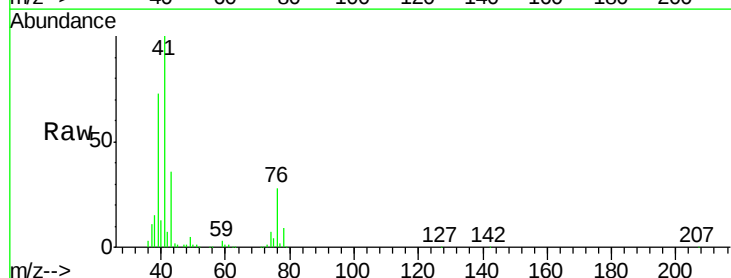
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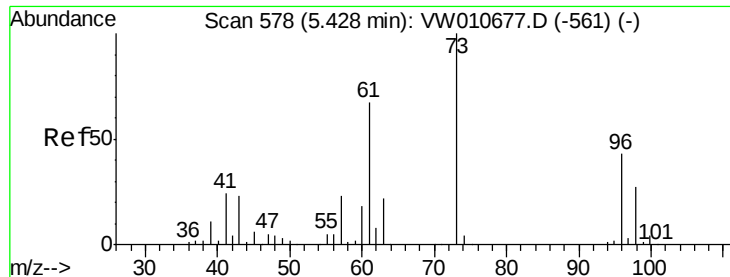
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#18
Methyl Acetate
Concen: 54.580 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	83244		
74	19.4		16.7	25.1





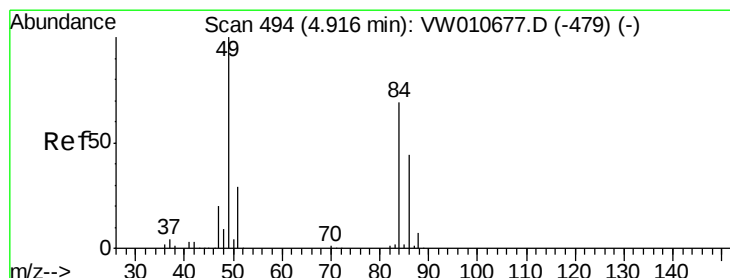
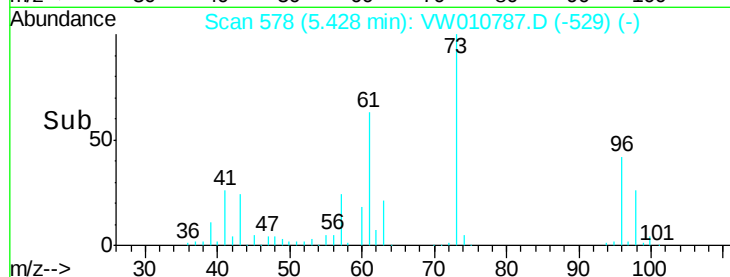
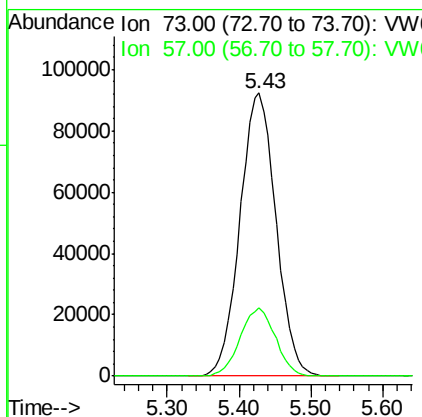
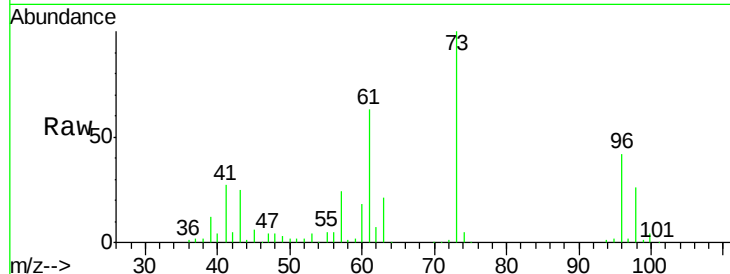
#19
Methvl tert-butvl Ether
Concen: 51.182 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	18.6	27.8

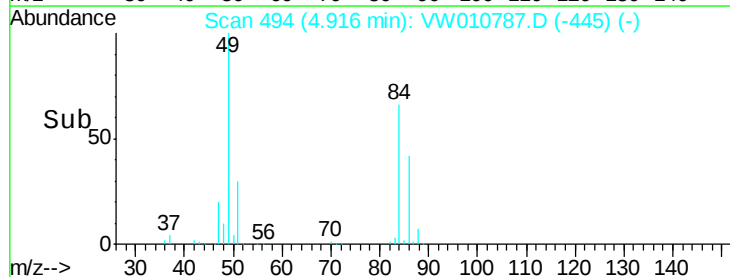
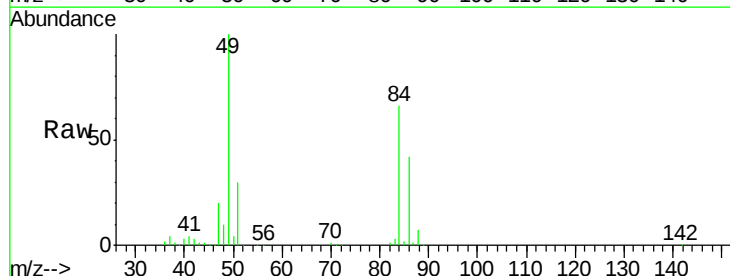
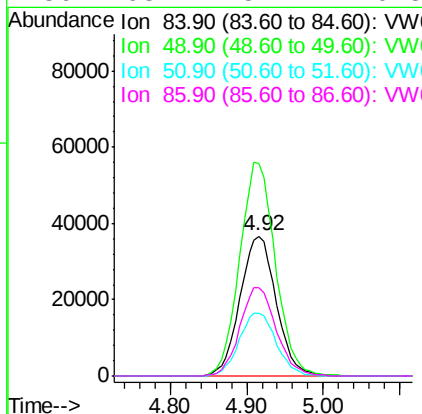
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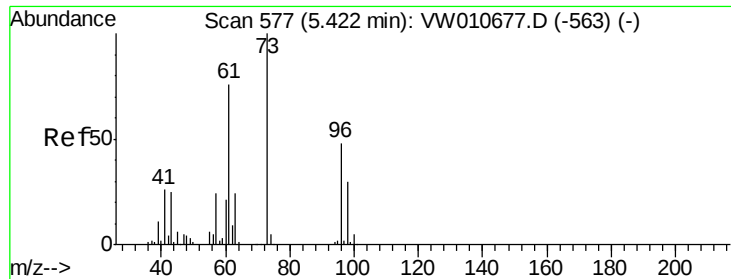
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#20
Methylene Chloride
Concen: 48.483 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	152.1	116.7	175.1
51	45.3	34.2	51.2
86	63.2	51.2	76.8





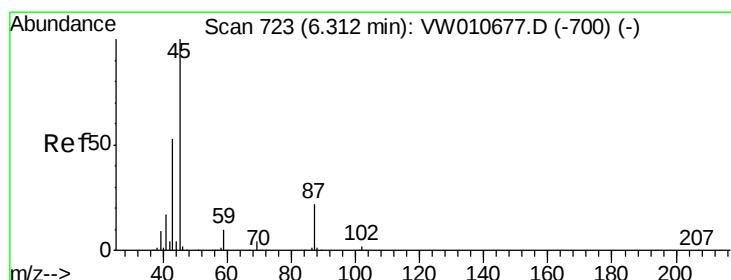
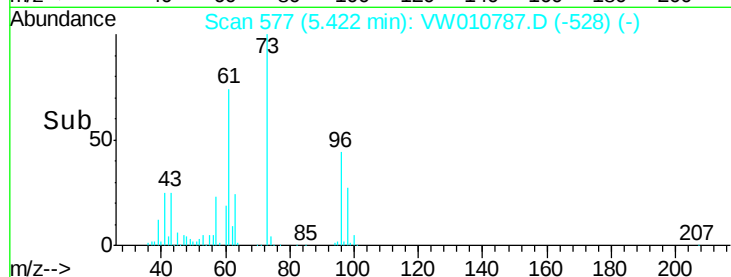
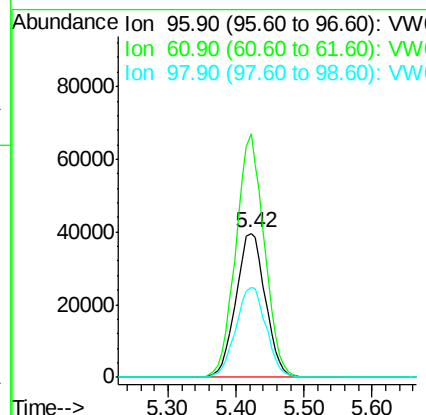
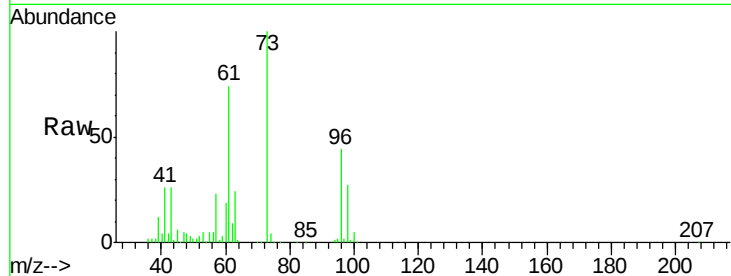
#21
trans-1,2-Dichloroethene
Concen: 48.401 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	169.1	126.0	189.0
98	62.3	49.6	74.4

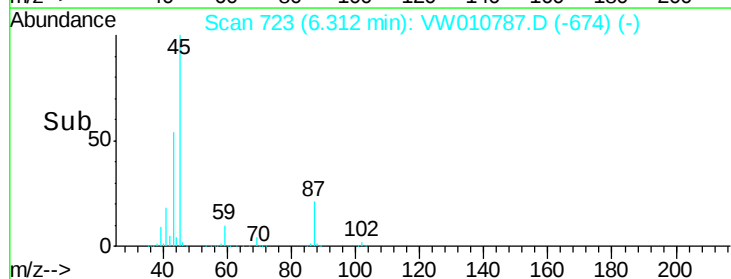
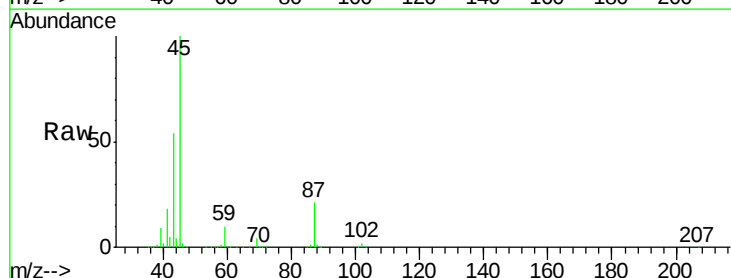
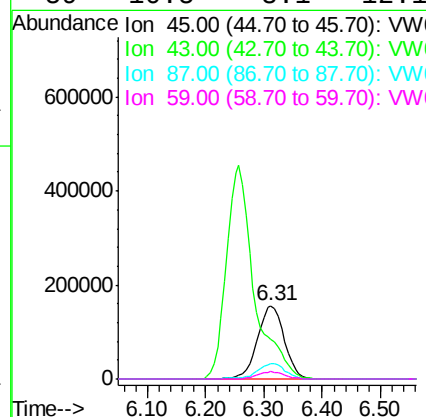
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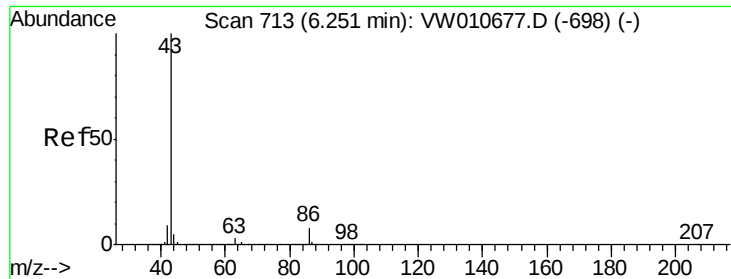
MMDadoda
6/13/2019 11:32:25 AM



#22
Diisopropyl ether
Concen: 52.052 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.2	42.5	63.7
87	21.0	17.4	26.2
59	10.5	8.1	12.1





#23

Vinyl Acetate

Concen: 259.458 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1499602

Ion Ratio Lower Upper

43 100

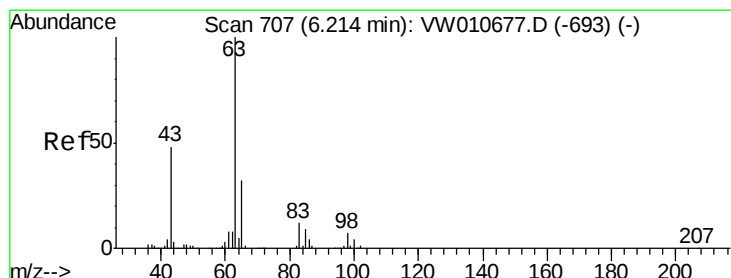
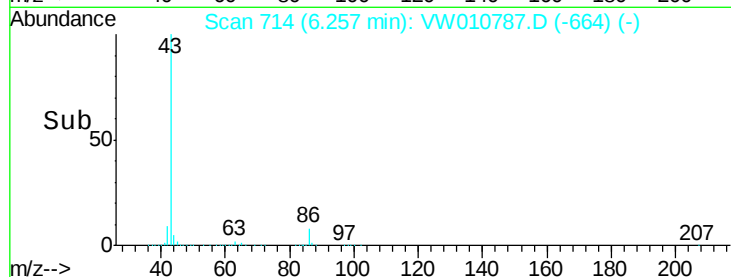
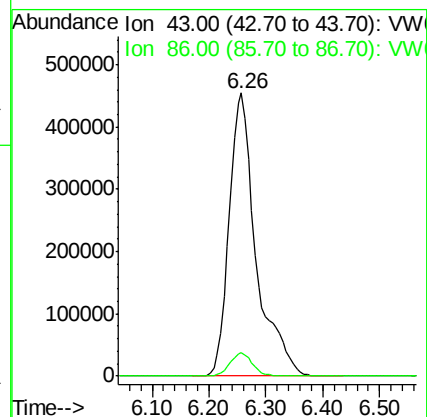
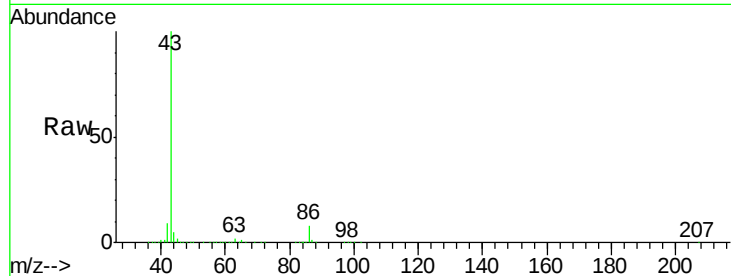
86 8.3 6.6 10.0

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#24

1,1-Dichloroethane

Concen: 50.526 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

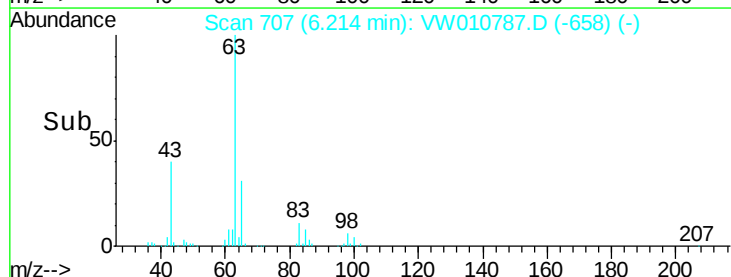
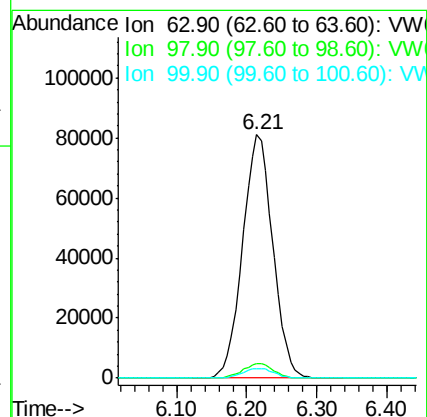
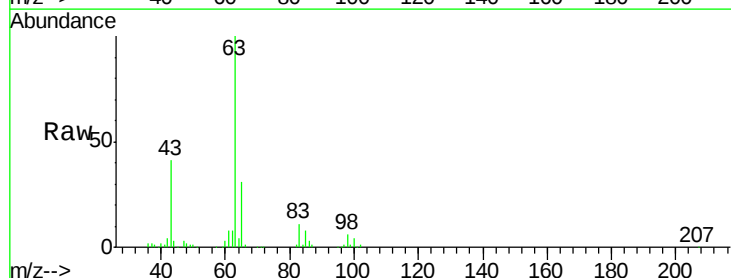
Tgt Ion: 63 Resp: 242498

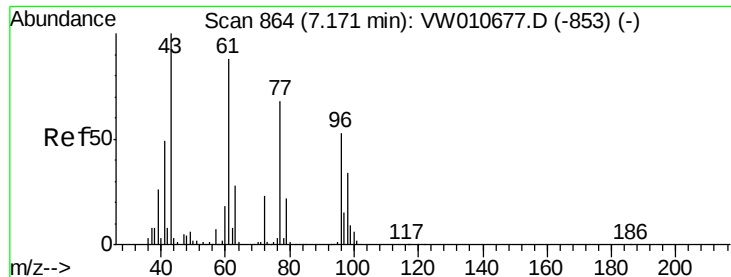
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 272.951 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 268166

Ion Ratio Lower Upper

43 100

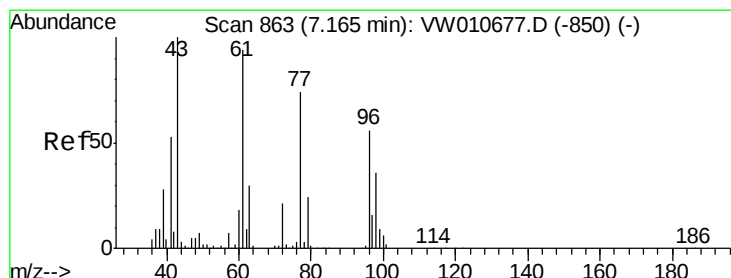
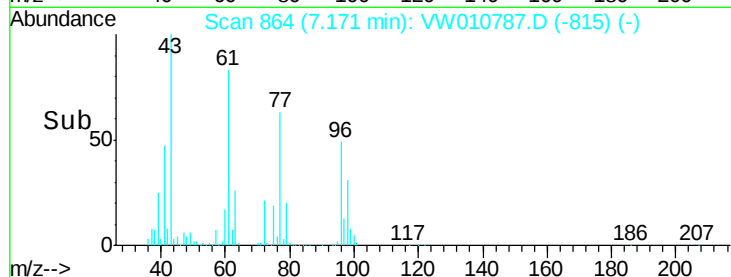
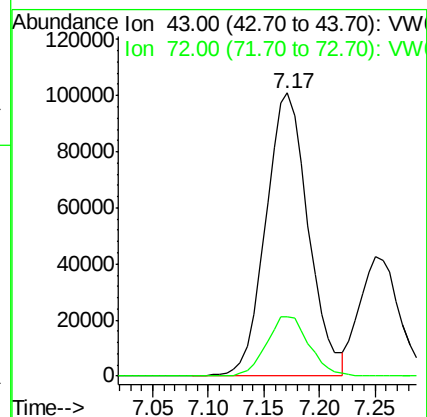
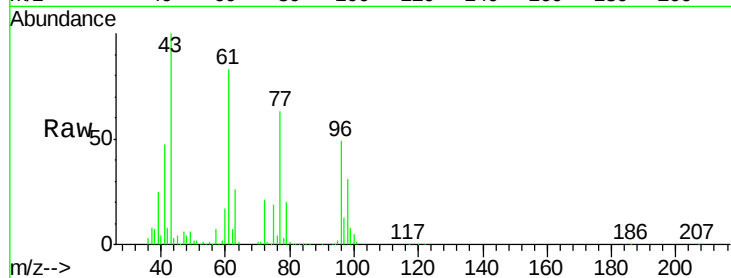
72 20.8 18.1 27.1

Manual Integrations

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6/13/2019 11:32:25 AM



#26

2,2-Dichloropropane

Concen: 49.840 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010787.D

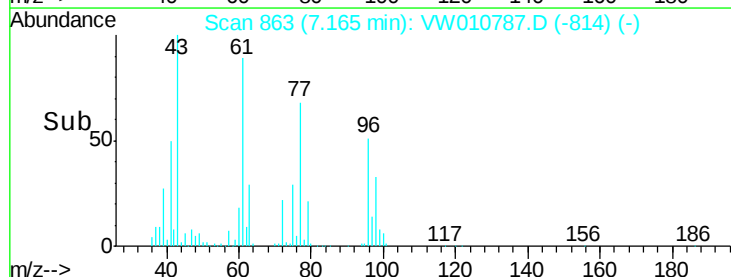
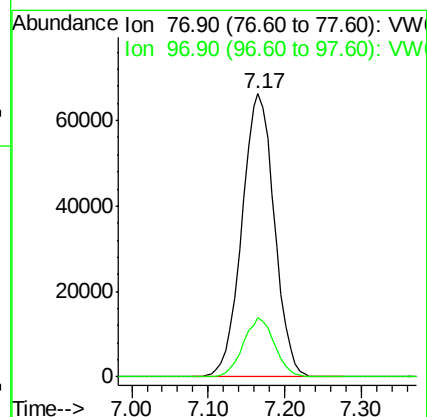
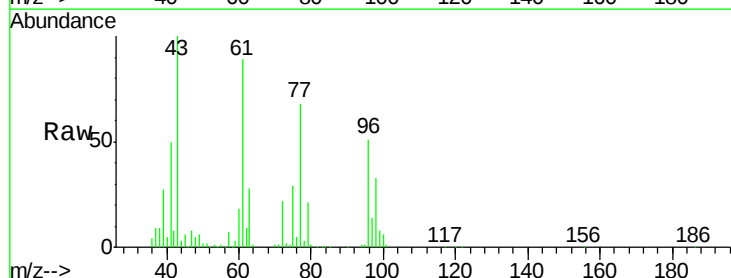
Acq: 12 Jun 2019 19:27

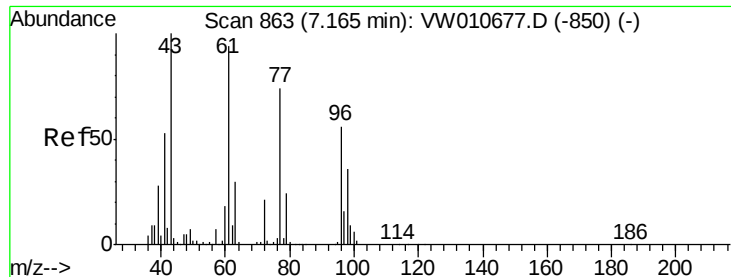
Tgt Ion: 77 Resp: 194652

Ion Ratio Lower Upper

77 100

97 20.1 10.5 31.6





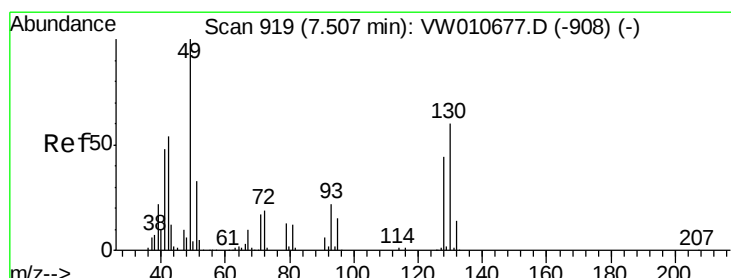
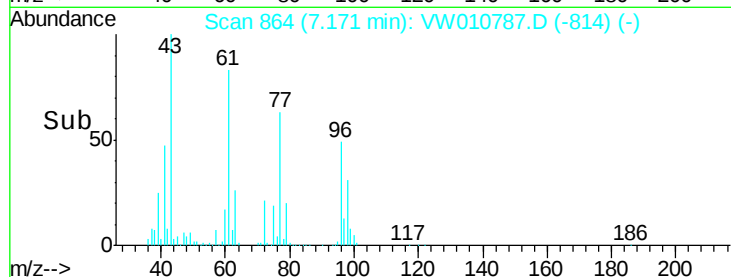
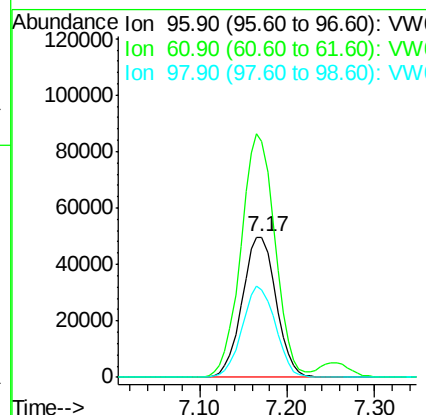
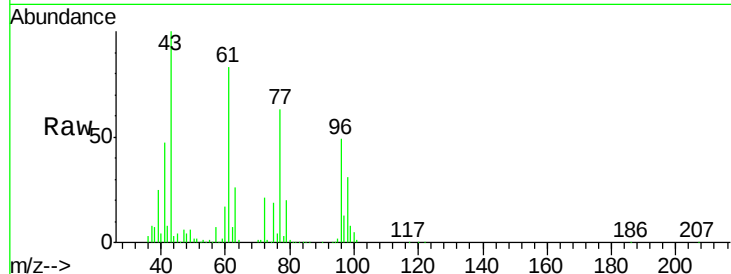
#27
 cis-1,2-Dichloroethene
 Concen: 49.458 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	173.6	0.0	336.4	
98	63.8	0.0	128.0	

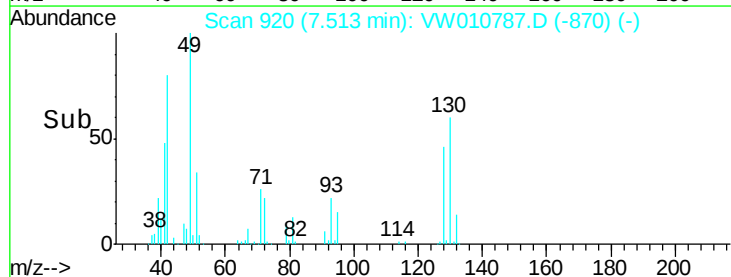
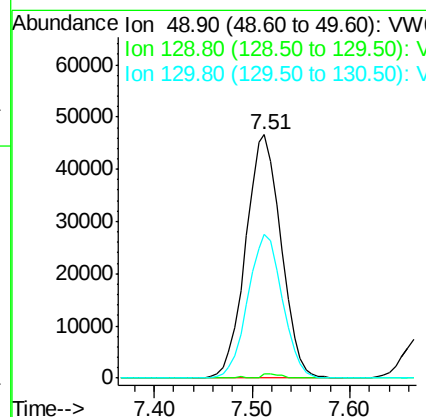
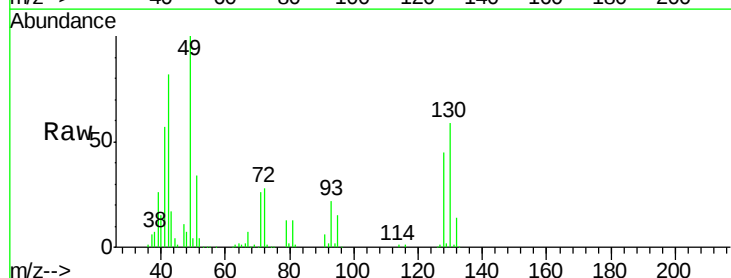
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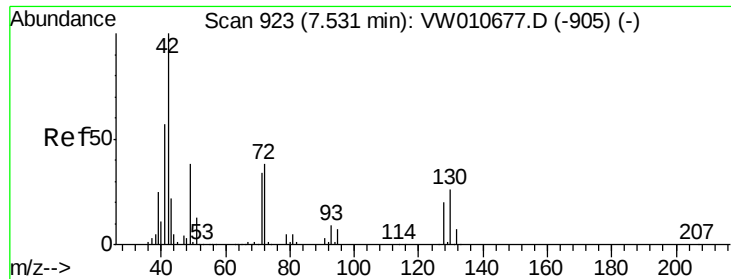
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#28
 Bromochloromethane
 Concen: 54.435 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.9	0.0	3.2	
130	58.0	48.3	72.5	





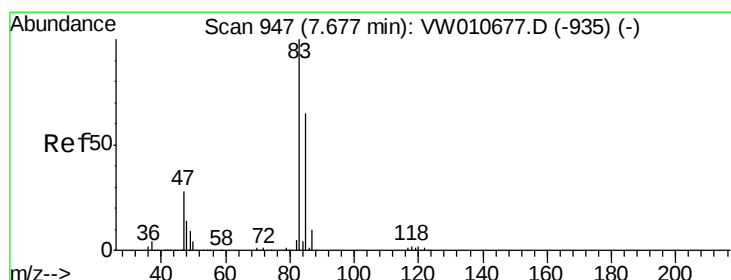
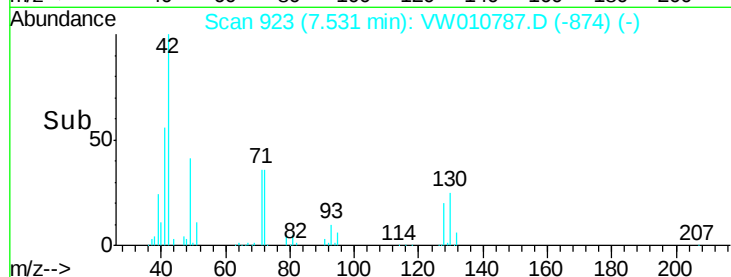
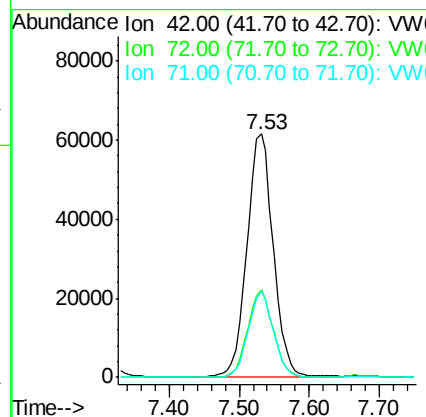
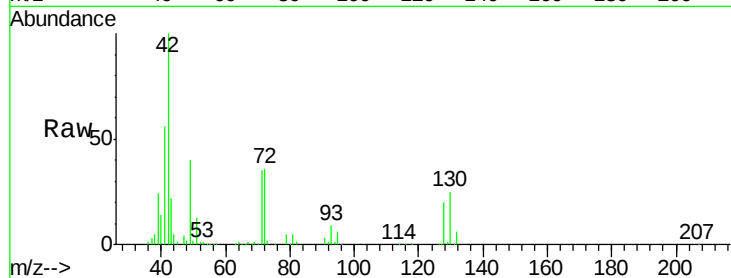
#29
Tetrahydrofuran
Concen: 261.134 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.9	28.7	43.1
71	33.5	26.6	39.8

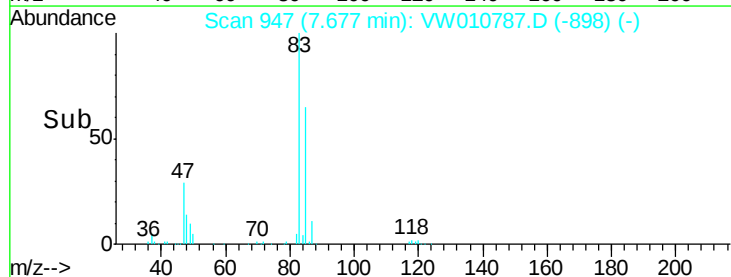
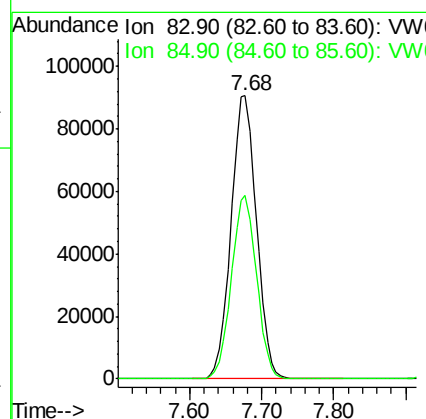
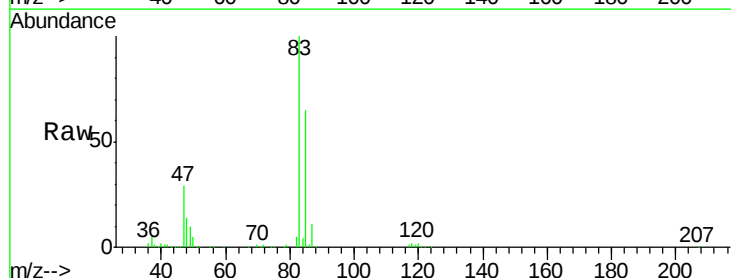
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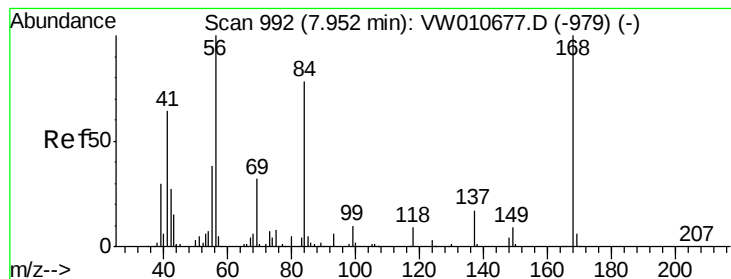
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#30
Chloroform
Concen: 50.792 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.8





#31

Cyclohexane

Concen: 45.349 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 241947

Ion Ratio Lower Upper

56 100

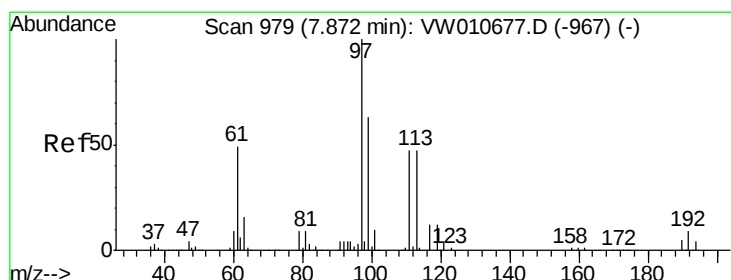
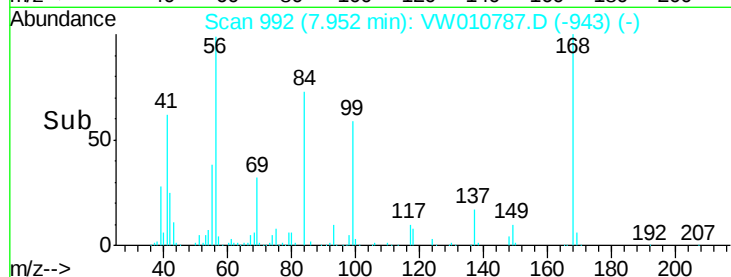
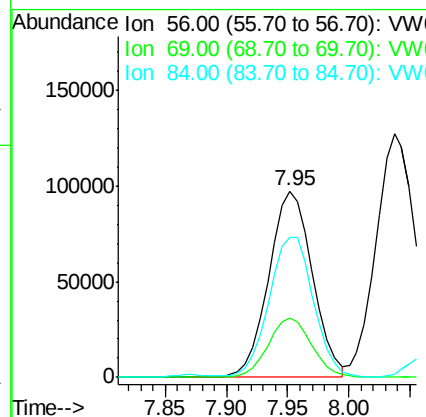
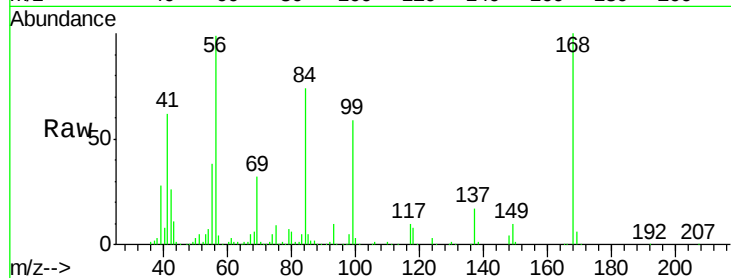
69 32.2 25.2 37.8

84 73.3 62.2 93.2

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#32

1,1,1-Trichloroethane

Concen: 50.077 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

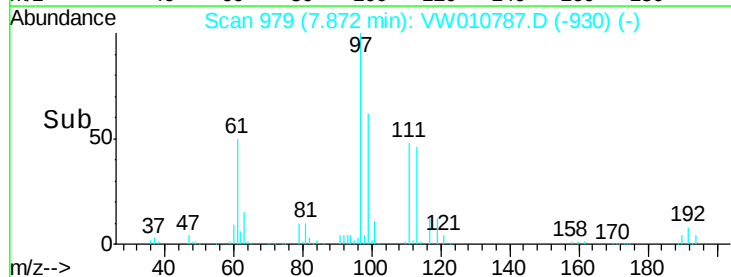
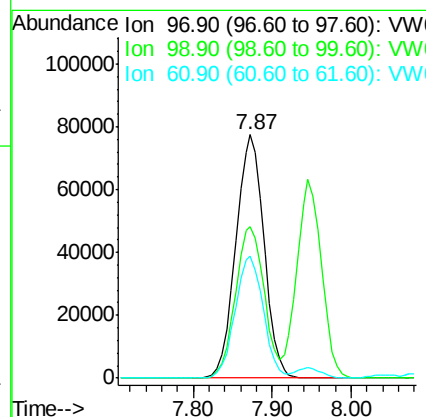
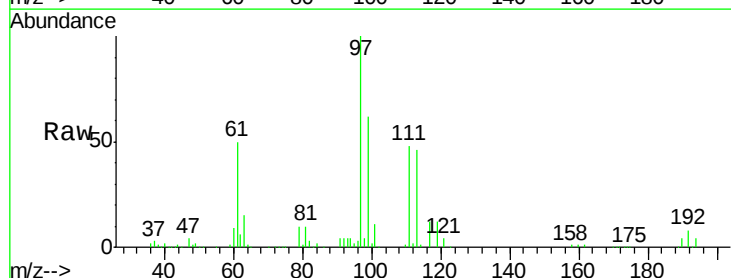
Tgt Ion: 97 Resp: 192035

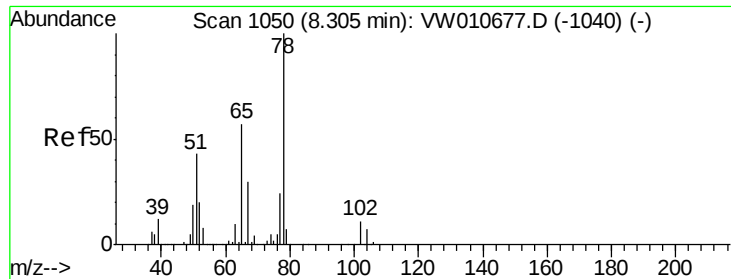
Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 50.3 40.4 60.6





#33

1,2-Dichloroethane-d4

Concen: 54.147 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 143179

Ion Ratio Lower Upper

65 100

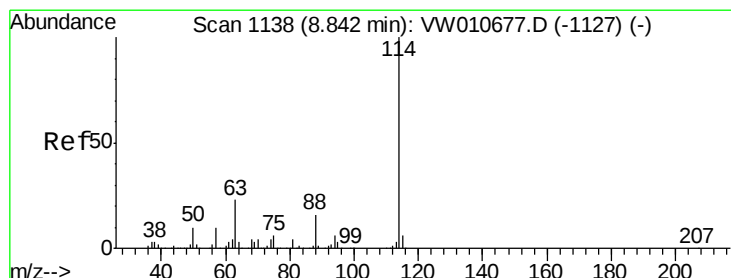
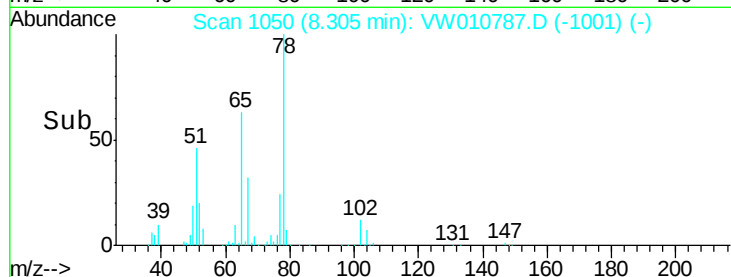
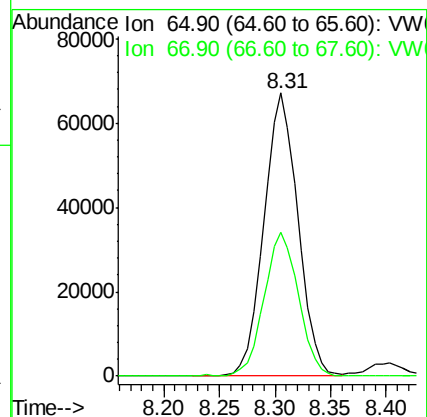
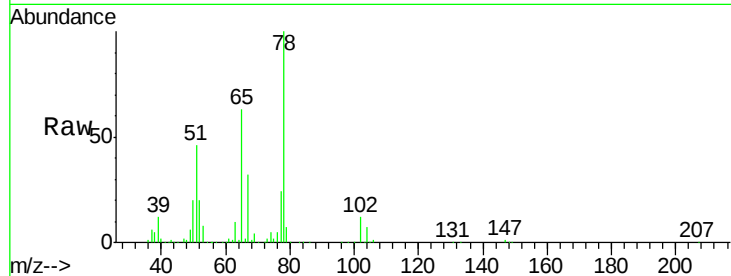
67 51.4 0.0 102.6

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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: VW010787.D

Acq: 12 Jun 2019 19:27

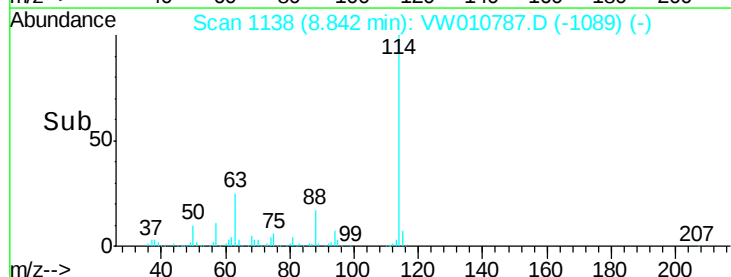
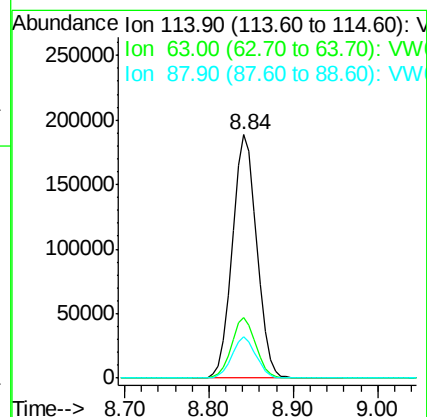
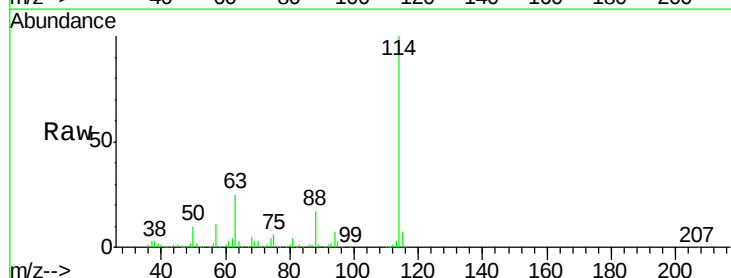
Tgt Ion: 114 Resp: 370059

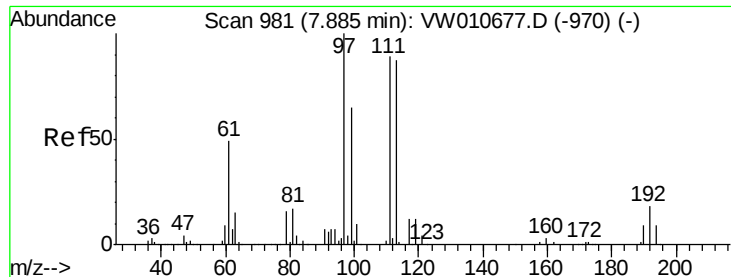
Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.4

88 16.9 0.0 32.2





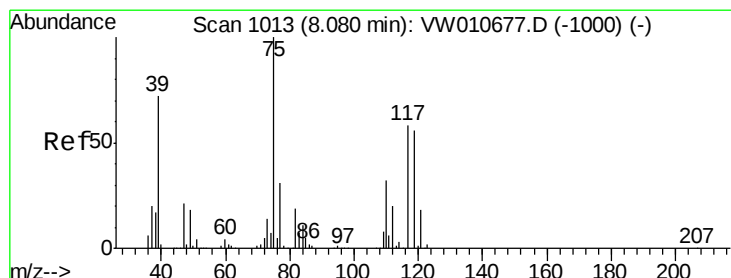
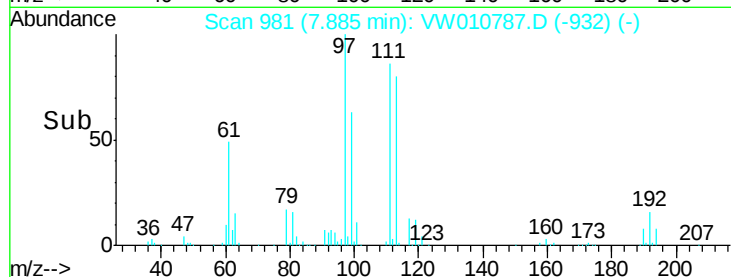
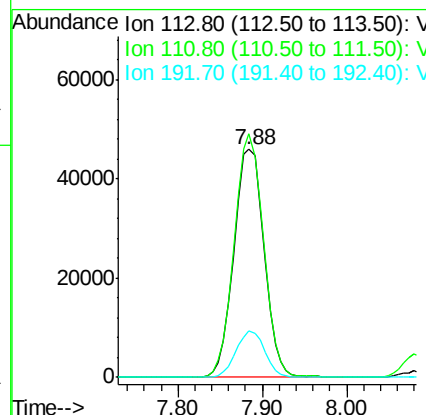
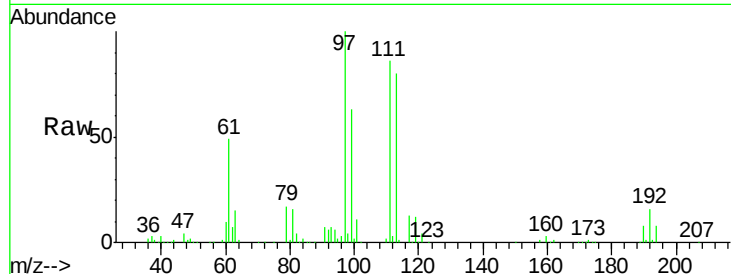
#35
 Dibromofluoromethane
 Concen: 55.649 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111777		
111	103.0	82.6	123.8	
192	19.3	16.4	24.6	

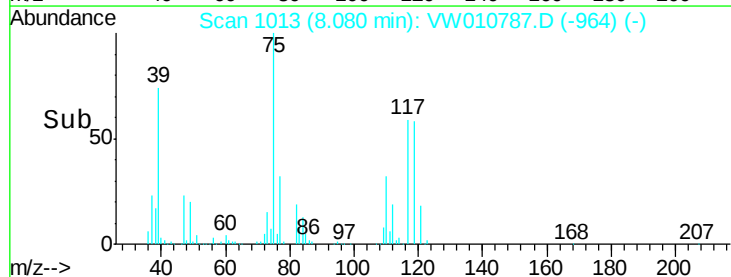
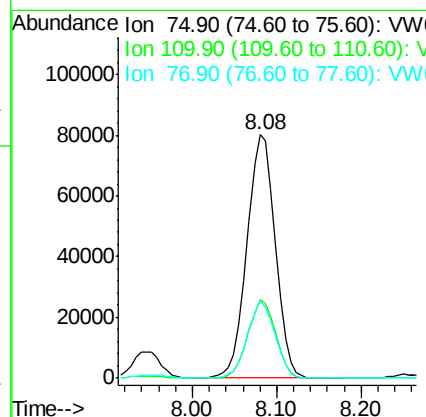
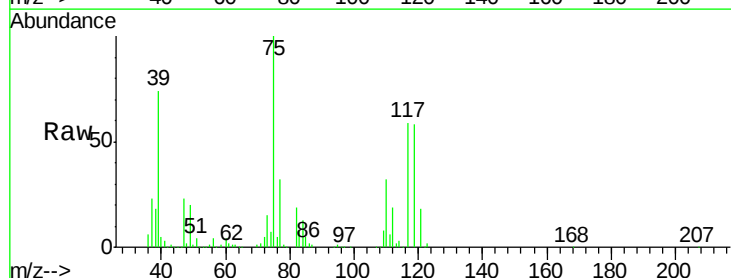
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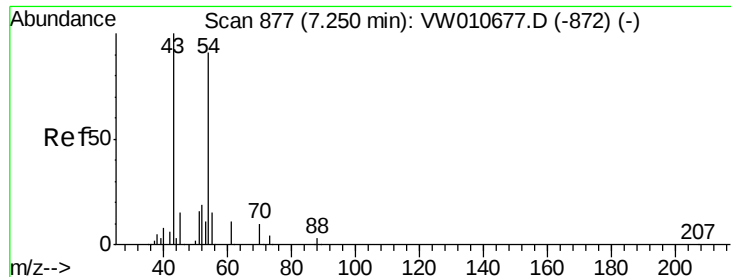
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#36
 1,1-Dichloropropene
 Concen: 47.997 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	181810		
110	31.6	15.8	47.3	
77	31.0	24.7	37.1	





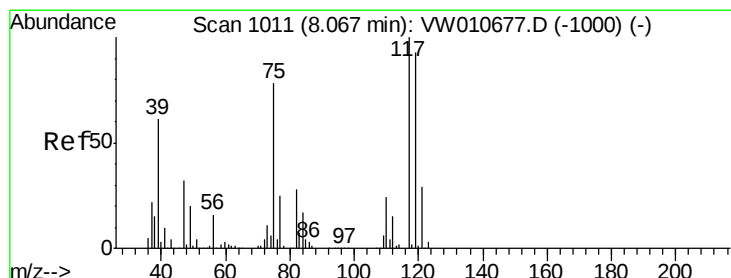
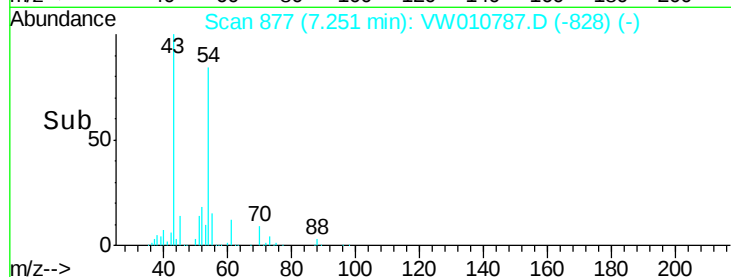
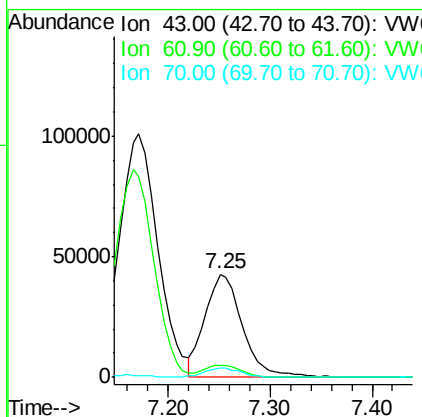
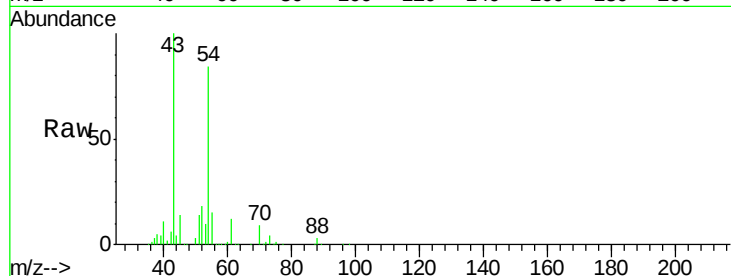
#37
Ethyl Acetate
Concen: 51.346 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.7	14.5
70	8.9	7.2	10.8

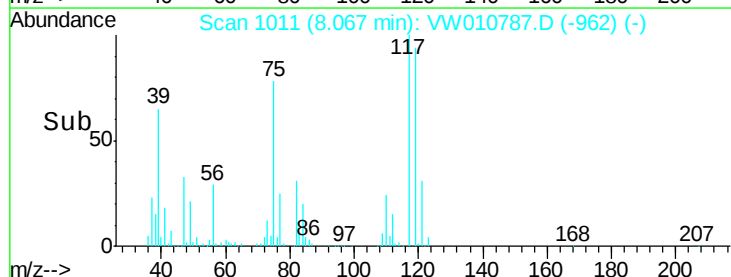
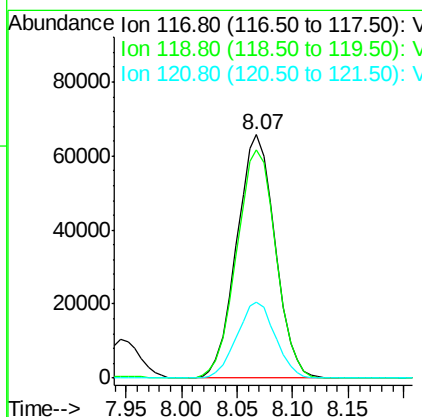
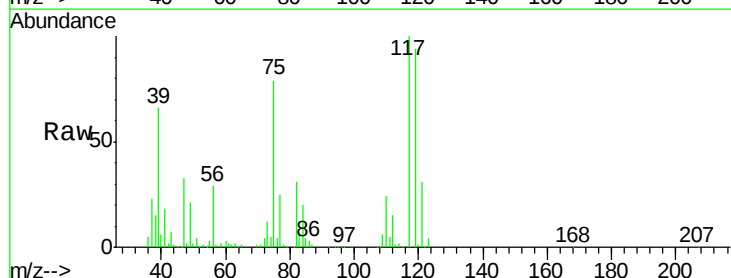
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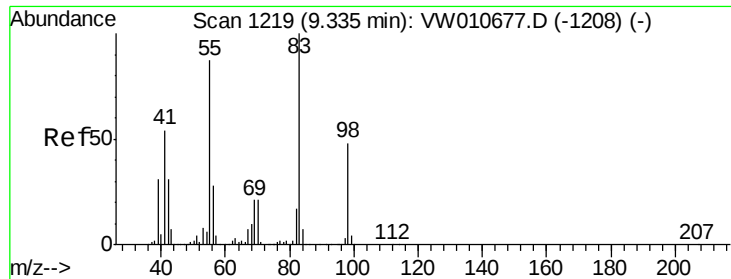
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#38
Carbon Tetrachloride
Concen: 48.169 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.2	111.4
121	31.3	22.9	34.3





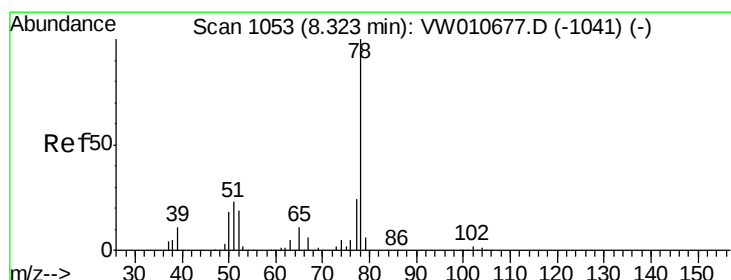
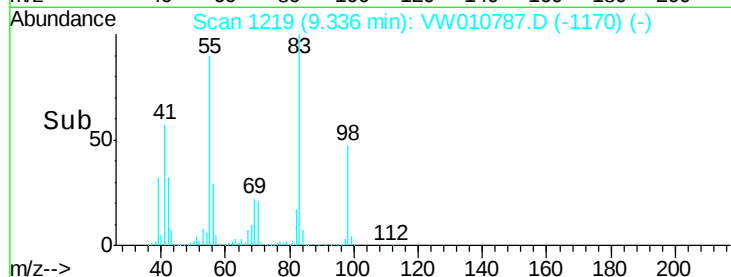
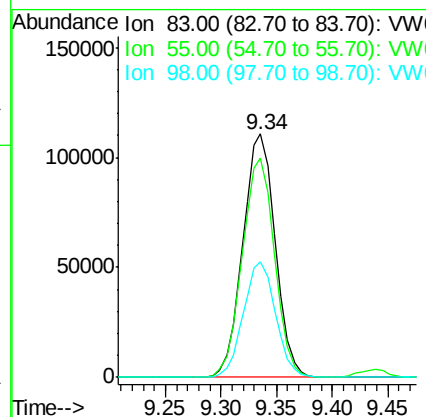
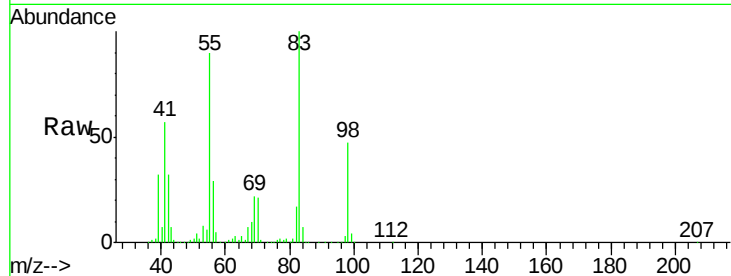
#39
Methvlcvclohexane
Concen: 46.365 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.1	70.0	105.0
98	47.3	38.1	57.1

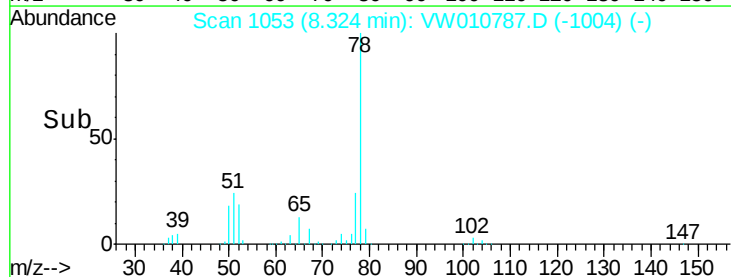
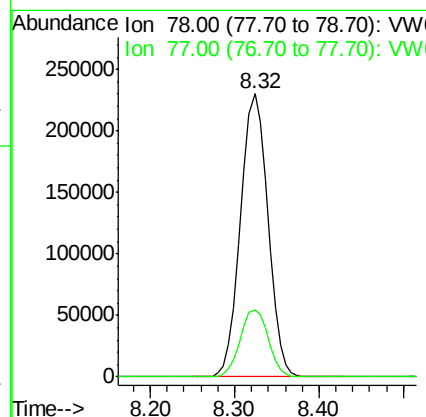
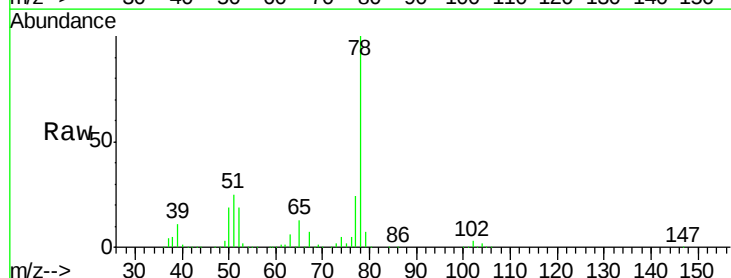
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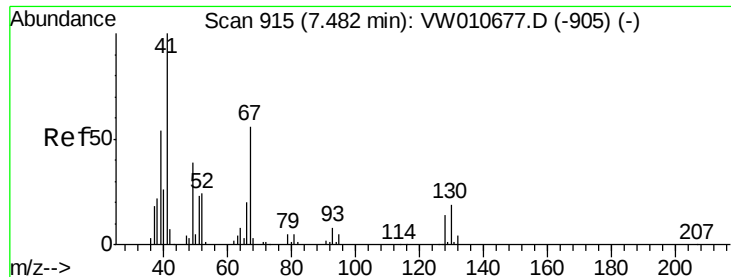
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#40
Benzene
Concen: 48.958 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





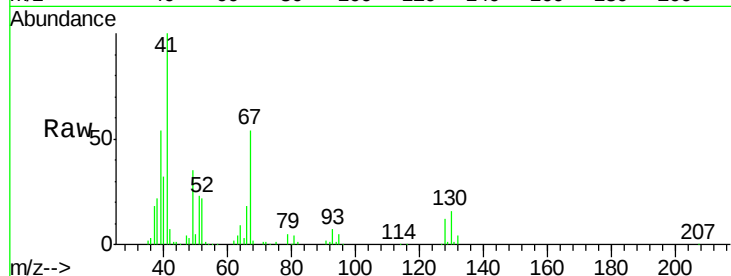
#41
Methacrylonitrile
Concen: 51.557 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

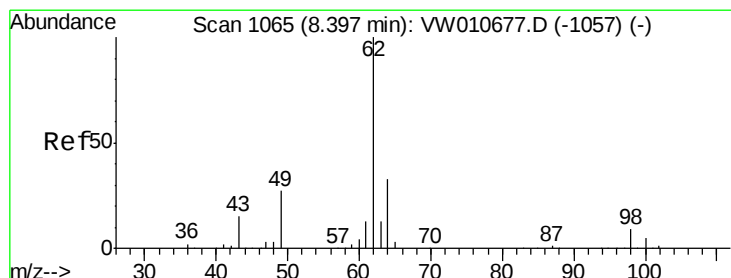
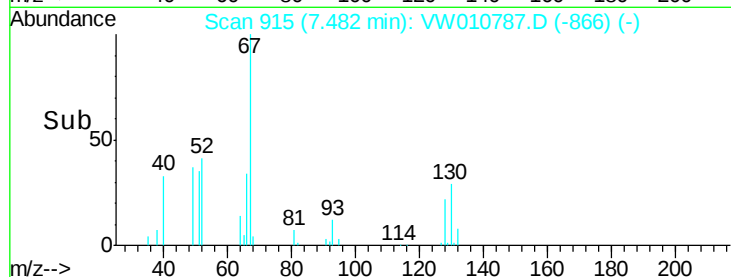
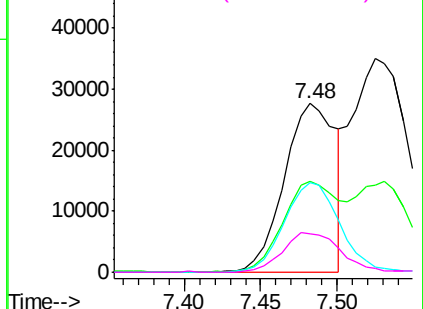
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.2	47.3	70.9	
67	57.9	47.2	70.8	
52	26.8	21.3	31.9	

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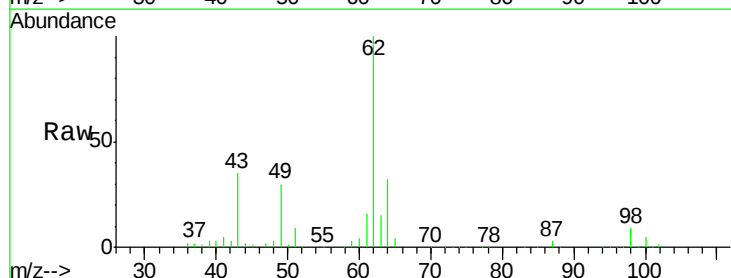


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

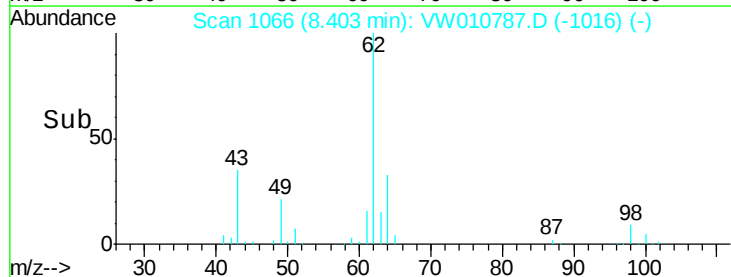
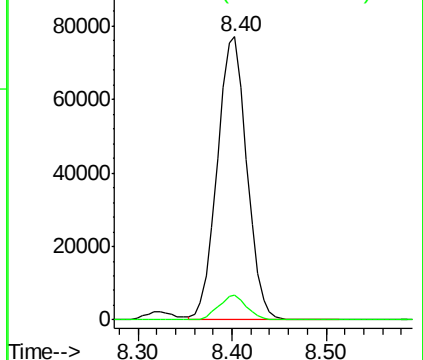


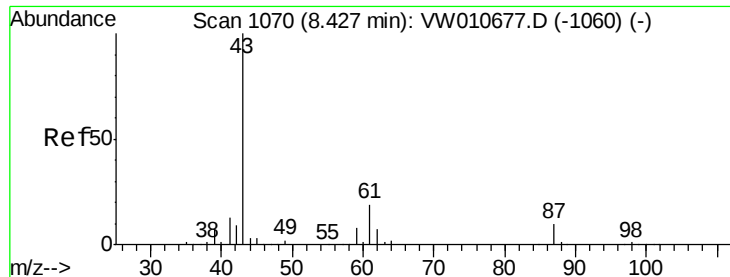
#42
1,2-Dichloroethane
Concen: 51.094 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	17.2	



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.372 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

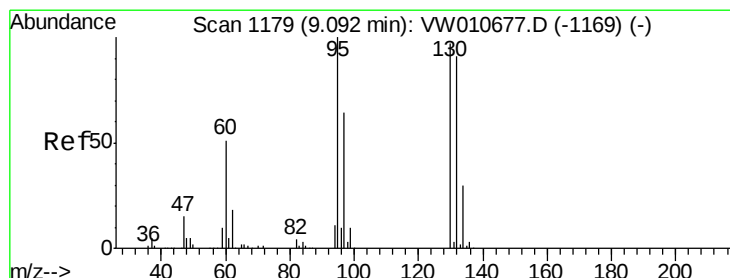
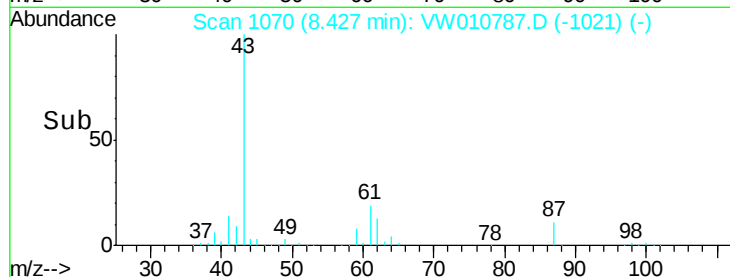
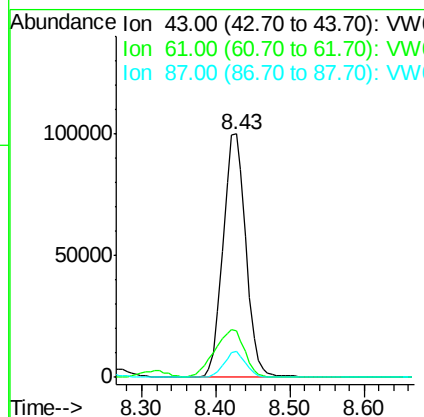
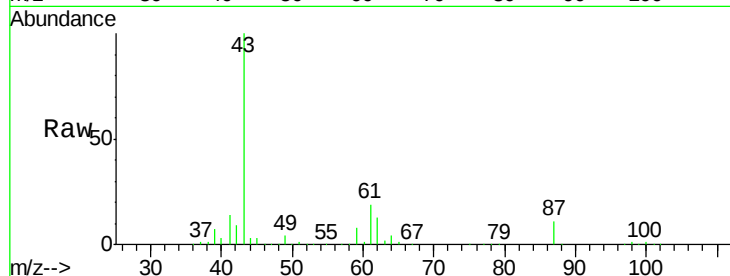
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	212383
Ion	Ratio	Lower	Upper
43	100		
61	25.6	21.2	31.8
87	10.2	8.3	12.5

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#44

Trichloroethene

Concen: 48.400 ug/l

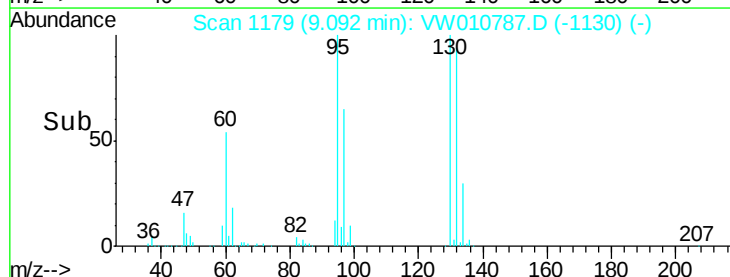
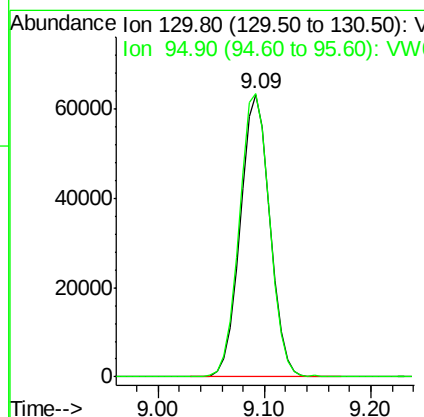
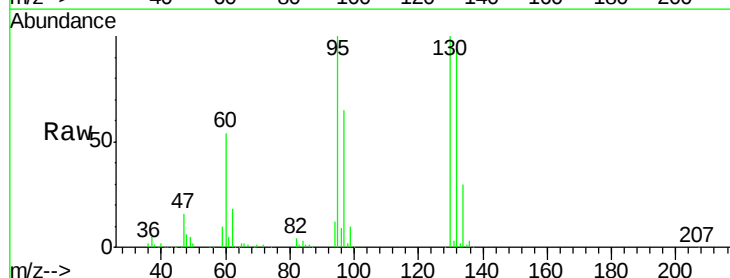
RT: 9.09 min Scan# 1179

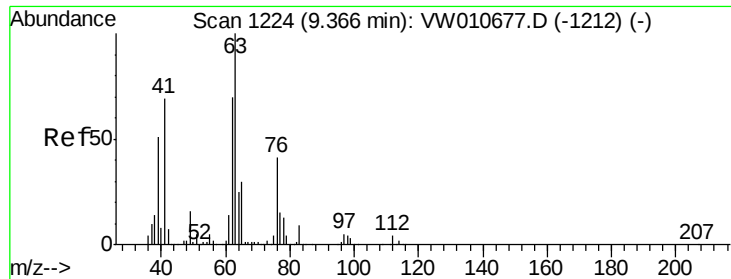
Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Tgt Ion:	130	Resp:	123376
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	207.0





#45

1,2-Dichloropropane

Concen: 50.847 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 139093

Ion Ratio Lower Upper

63 100

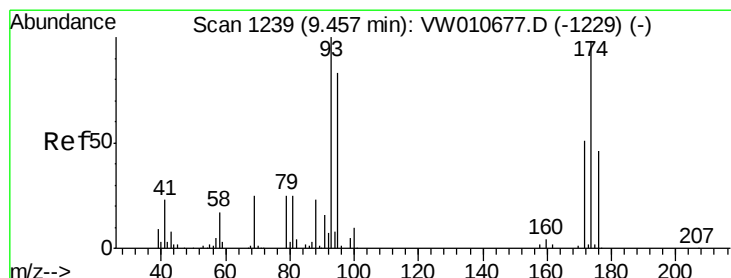
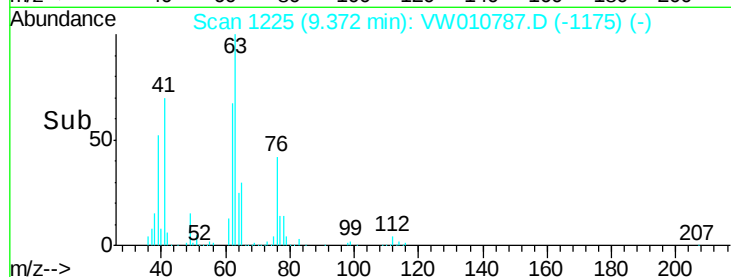
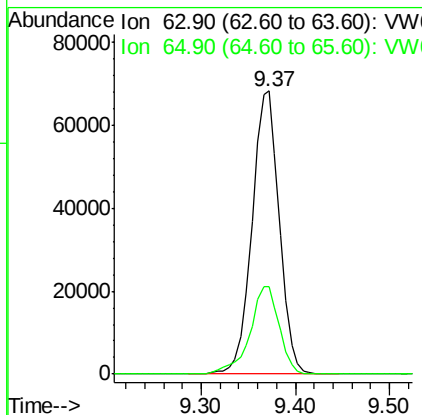
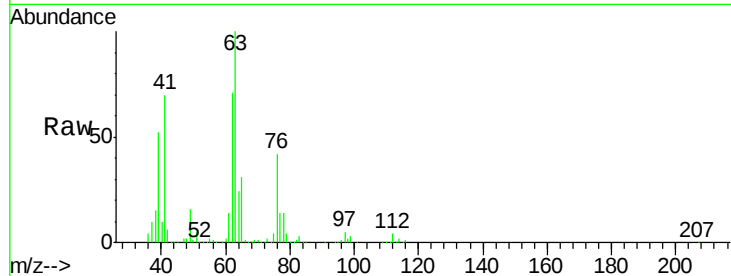
65 30.8 23.8 35.6

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#46

Dibromomethane

Concen: 50.584 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

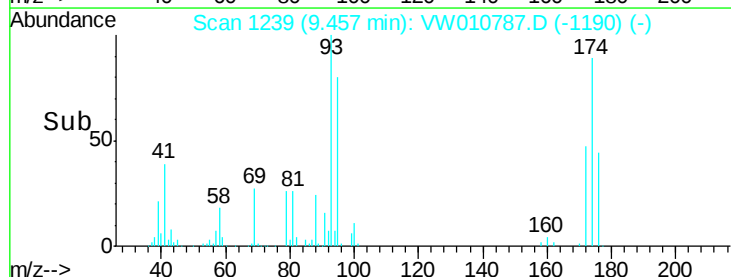
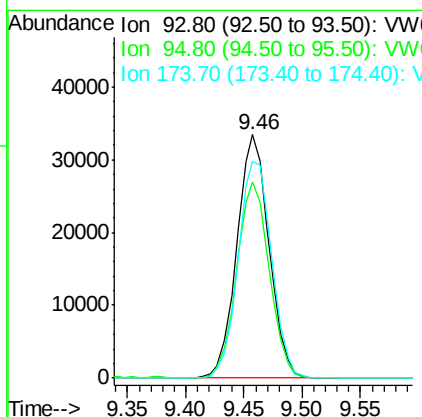
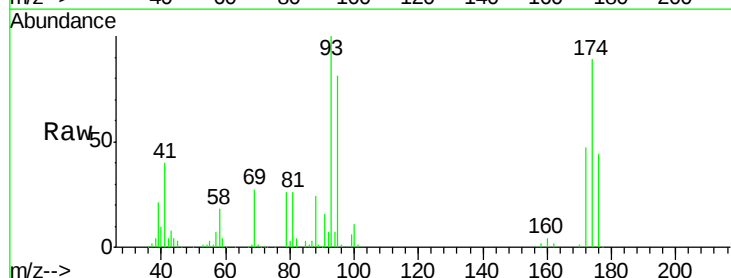
Tgt Ion: 93 Resp: 64271

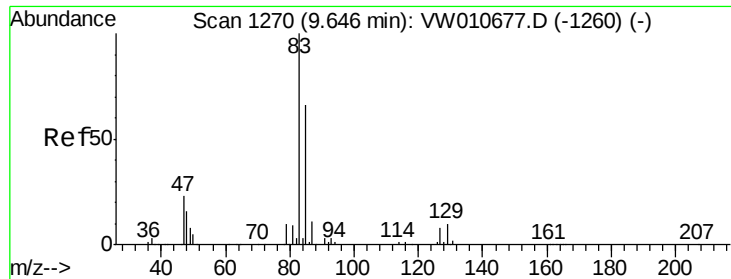
Ion Ratio Lower Upper

93 100

95 81.8 65.8 98.8

174 93.1 77.4 116.0





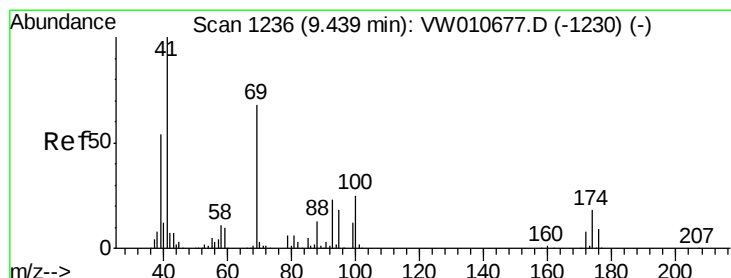
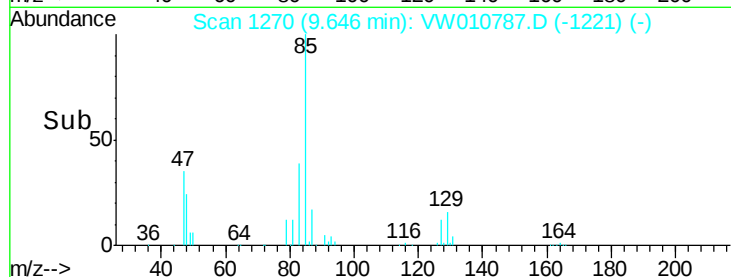
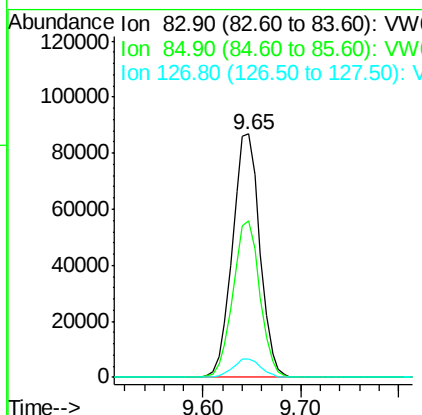
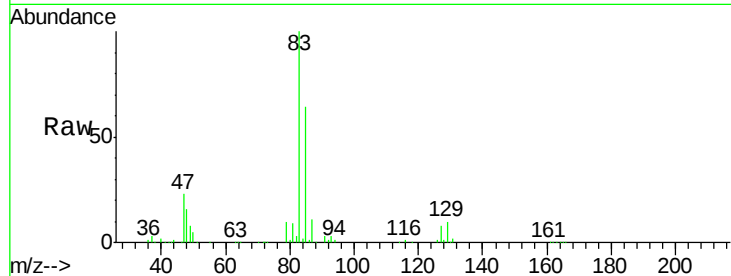
#47
Bromodichloromethane
Concen: 51.142 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	168438
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	53.0	79.4
127	7.7	6.4	9.6

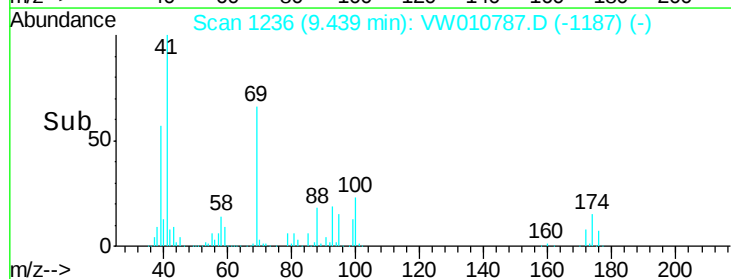
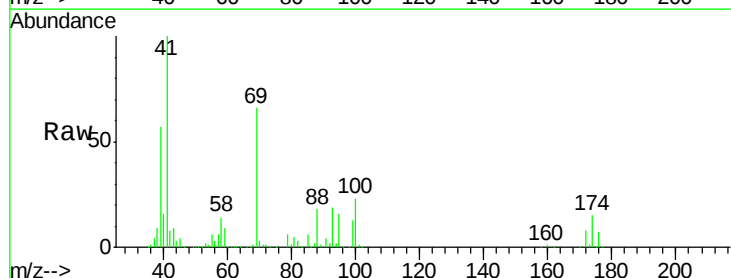
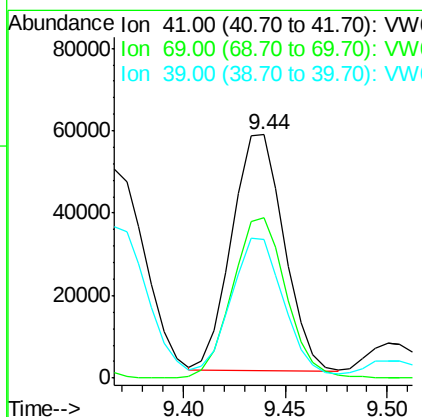
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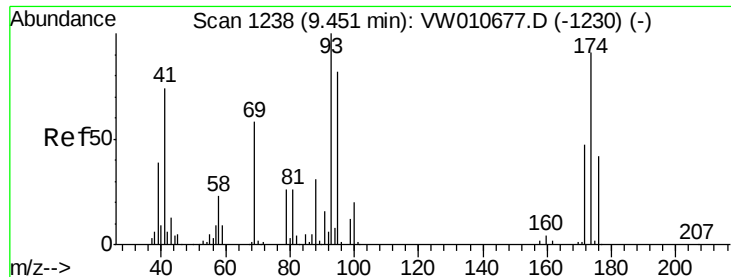
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#48
Methyl methacrylate
Concen: 52.575 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	41	Resp	102796
Ion Ratio	100	Lower	Upper
41	100		
69	69.5	56.6	85.0
39	60.0	44.4	66.6





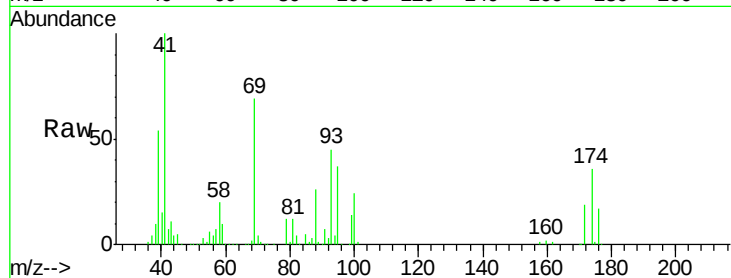
#49
1,4-Dioxane
Concen: 1152.444 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	22893
Ion Ratio	Lower	Upper	
88	100		
43	42.9	34.2	51.4
58	80.8	69.0	103.4

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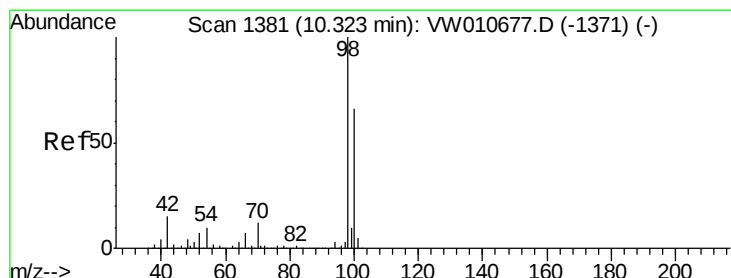
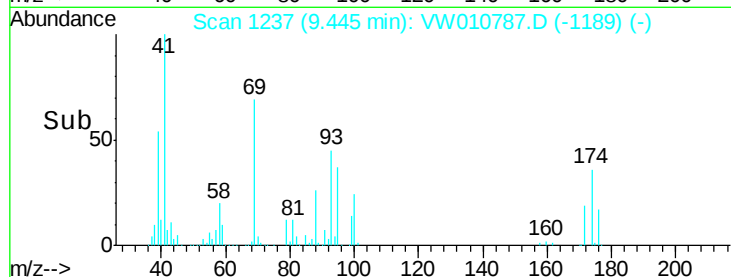
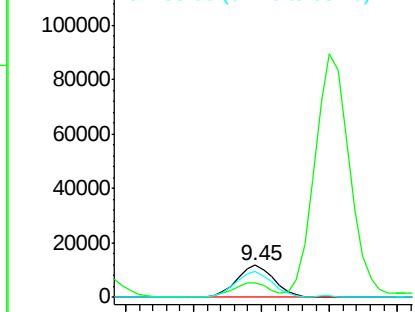


Abundance

Ion 88.00 (87.70 to 88.70): VW

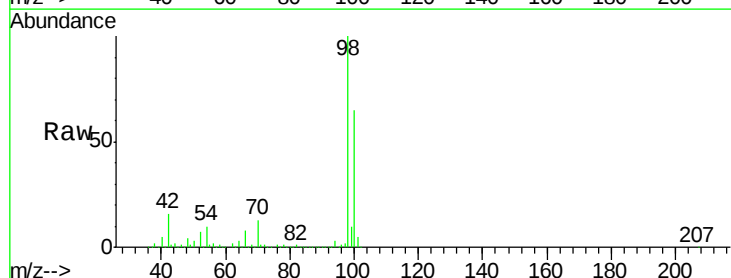
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 51.987 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

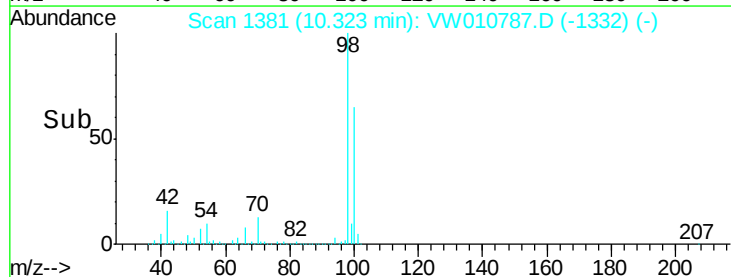
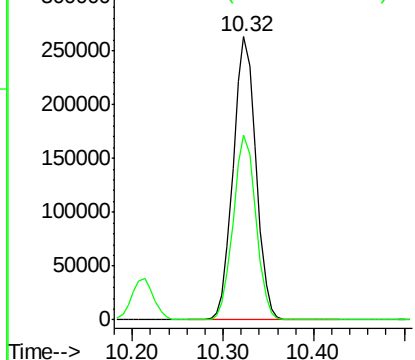
Tgt Ion	98	Resp	457901
Ion Ratio	Lower	Upper	
98	100		
100	65.1	53.0	79.6

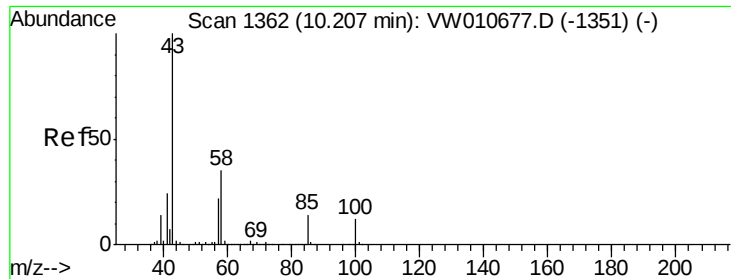


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 267.276 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 553722

Ion Ratio Lower Upper

43 100

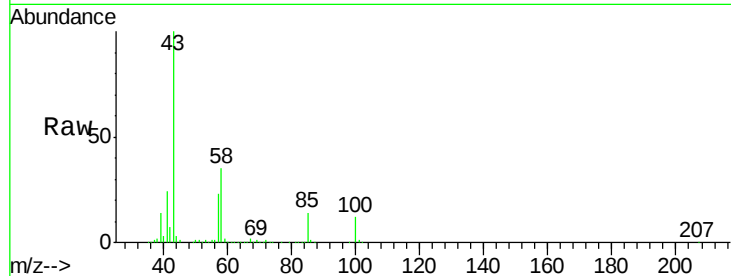
58 35.2 28.4 42.6

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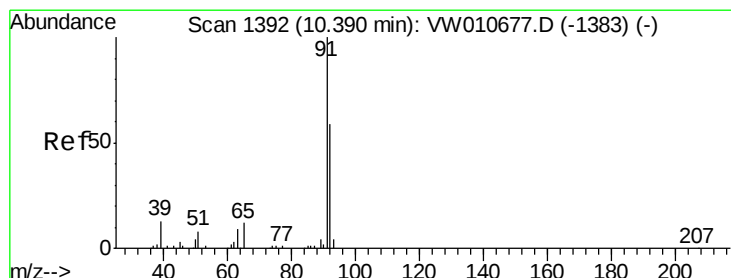
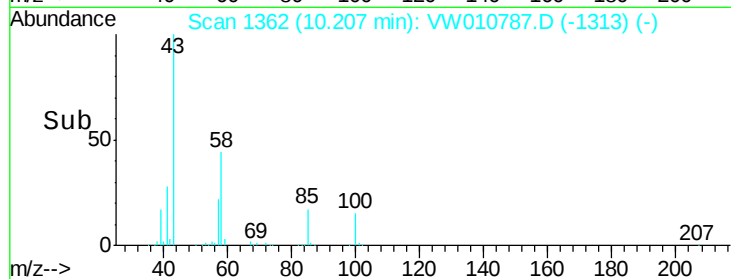
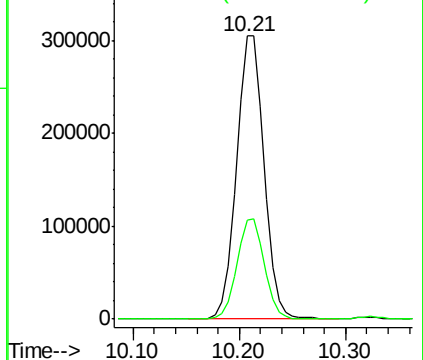
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 49.416 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010787.D

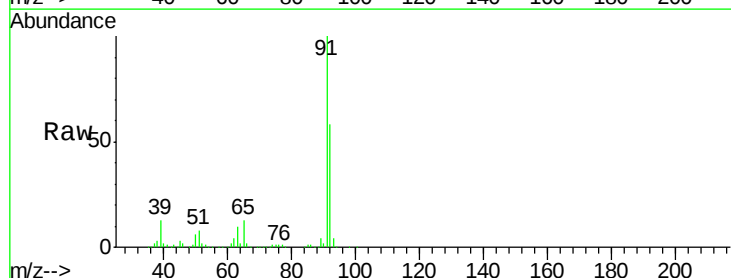
Acq: 12 Jun 2019 19:27

Tgt Ion: 92 Resp: 314197

Ion Ratio Lower Upper

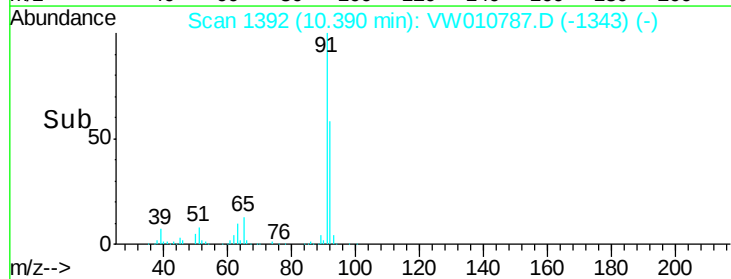
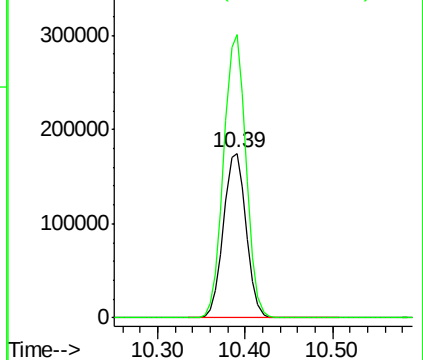
92 100

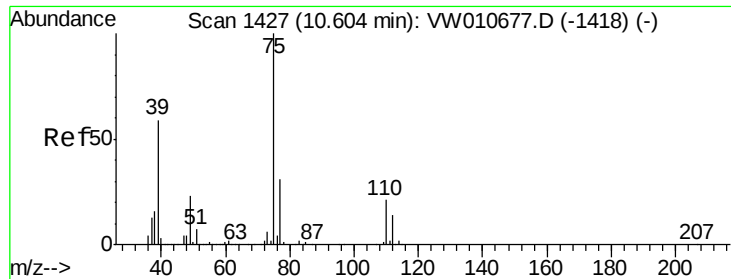
91 169.9 134.9 202.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





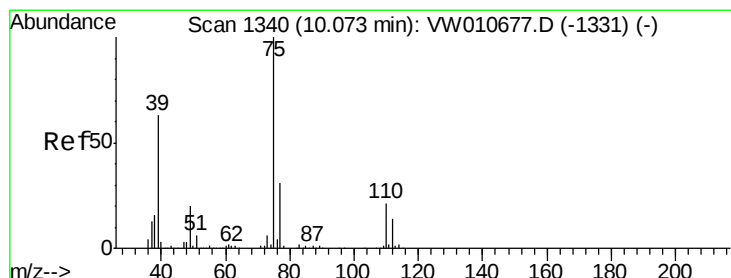
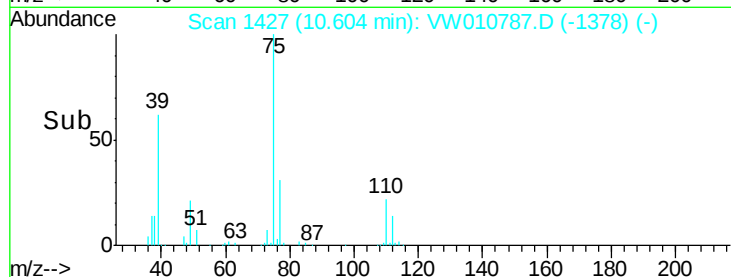
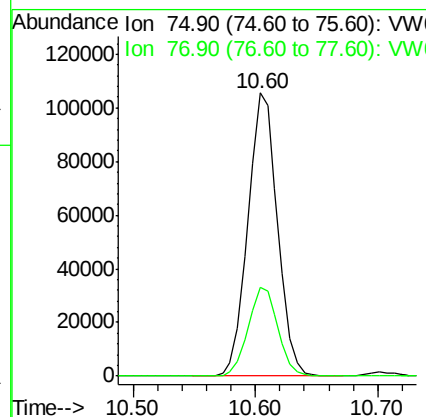
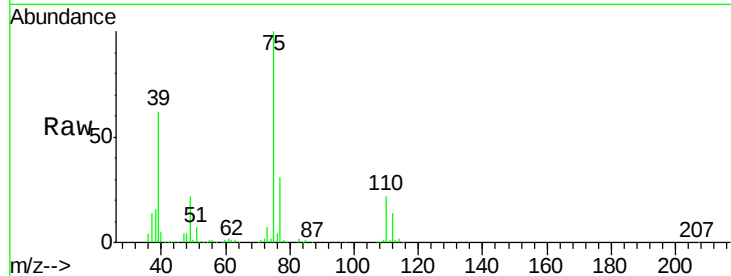
#53
 t-1,3-Dichloropropene
 Concen: 50.787 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	36.8

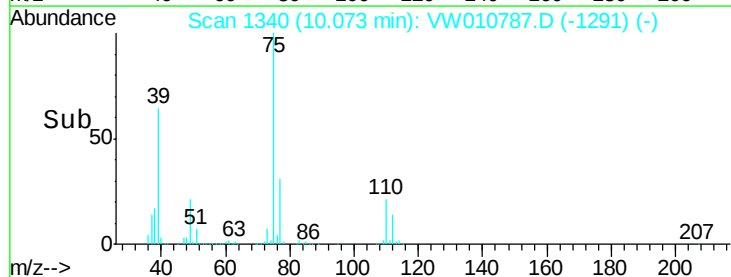
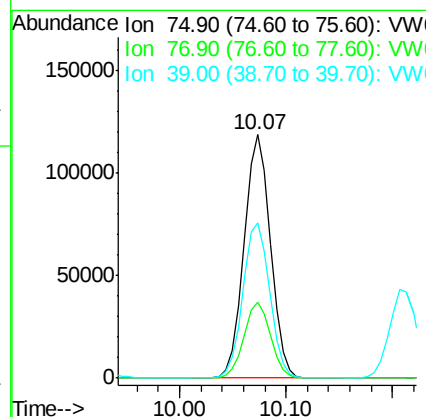
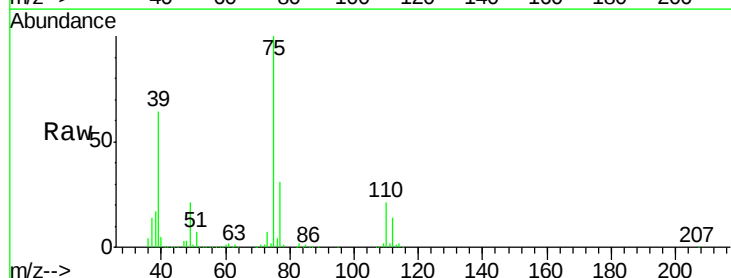
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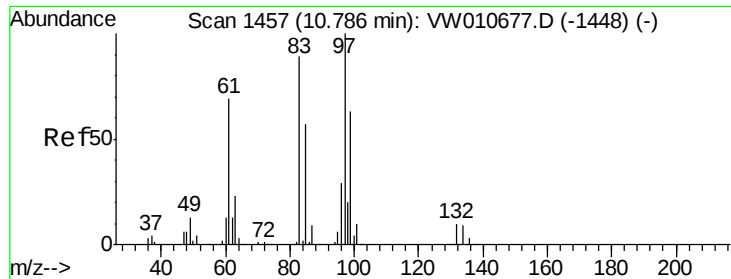
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#54
 cis-1,3-Dichloropropene
 Concen: 50.542 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.2	37.8
39	63.7	50.1	75.1





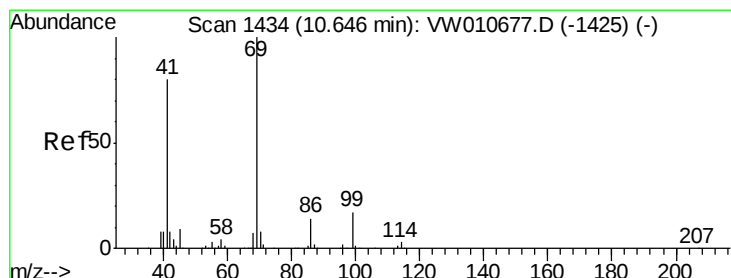
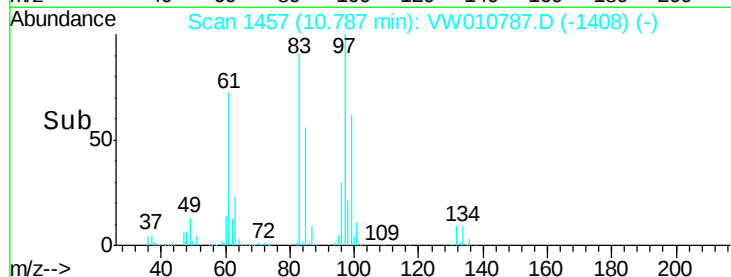
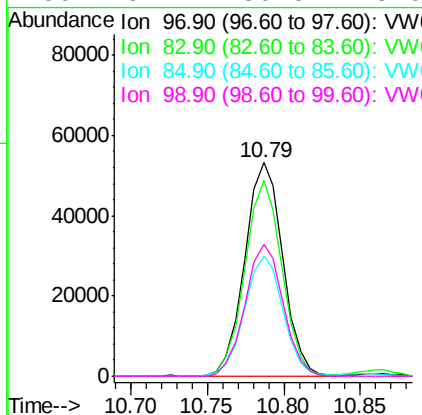
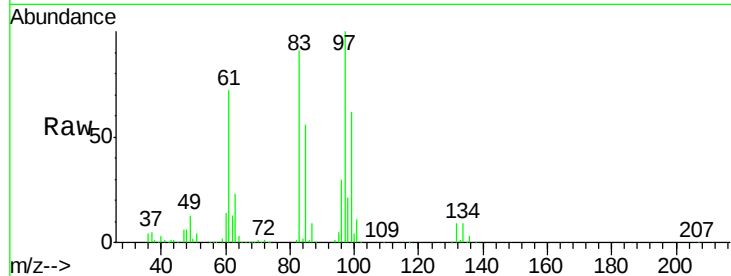
#55
 1,1,2-Trichloroethane
 Concen: 50.311 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	92088
Ion	Ratio	Lower	Upper
97	100		
83	91.4	71.1	106.7
85	56.4	45.2	67.8
99	61.7	50.0	75.0

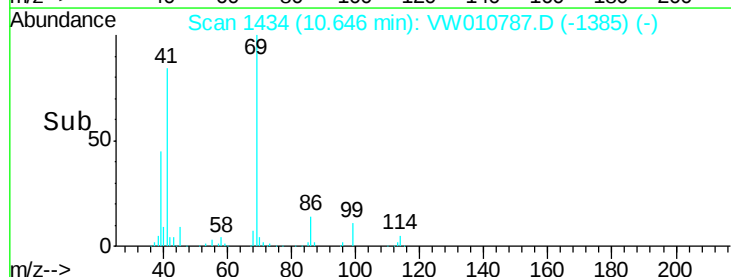
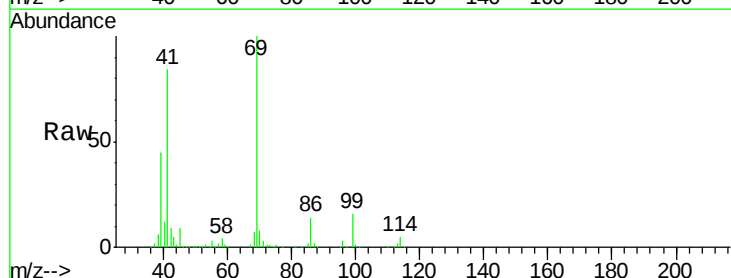
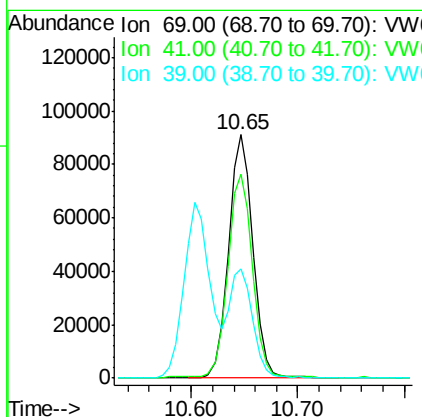
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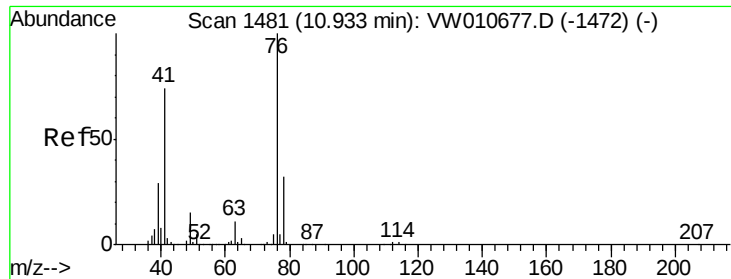
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#56
 Ethyl methacrylate
 Concen: 51.681 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Tgt Ion:	69	Resp:	145557
Ion	Ratio	Lower	Upper
69	100		
41	84.4	64.8	97.2
39	43.0	32.2	48.2





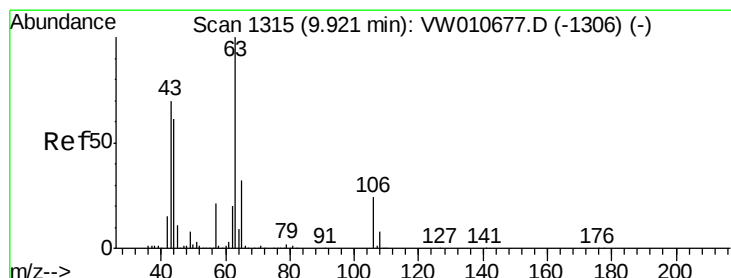
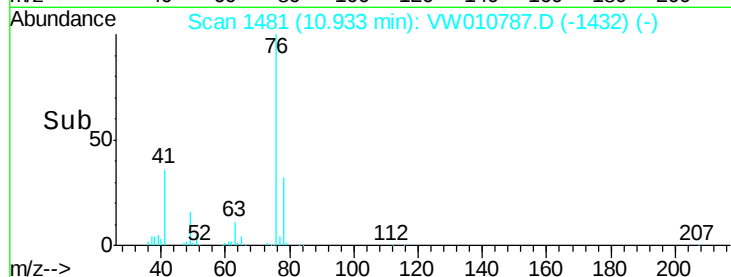
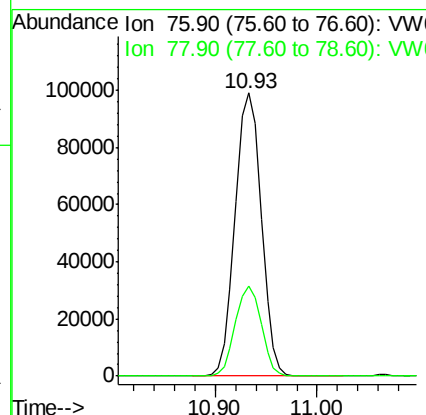
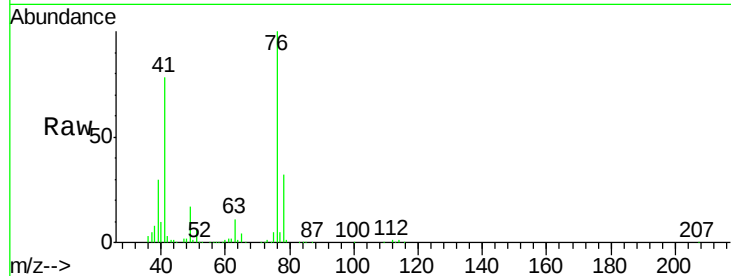
#57
 1,3-Dichloropropane
 Concen: 50.945 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 175731
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5

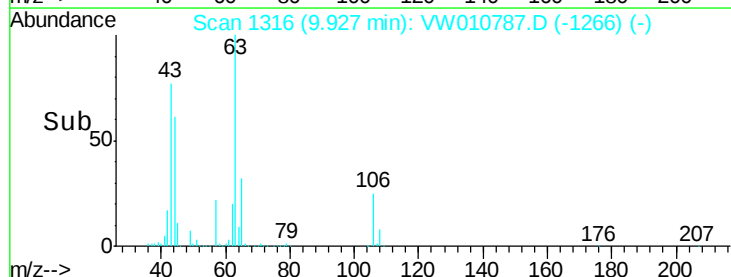
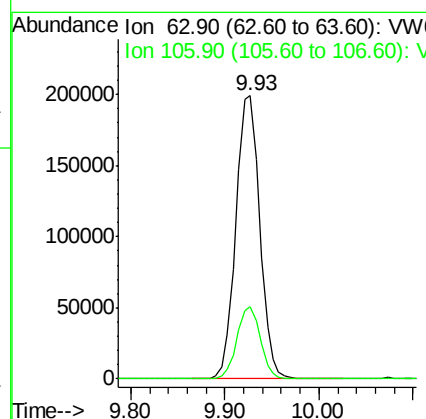
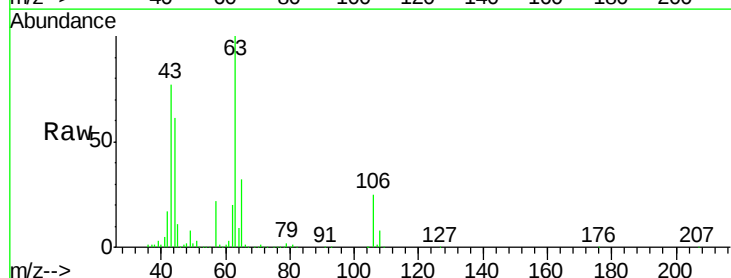
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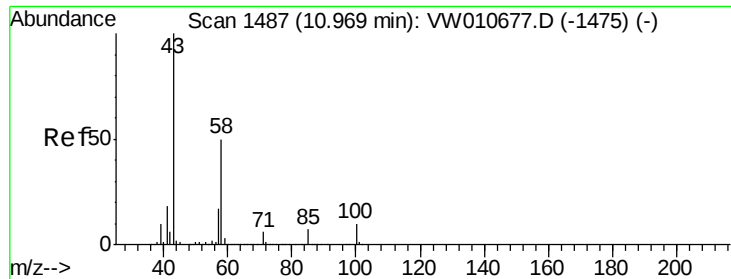
MMDadoda
 6/13/2019 11:32:25 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.163 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Tgt Ion: 63 Resp: 351340
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.1 30.1





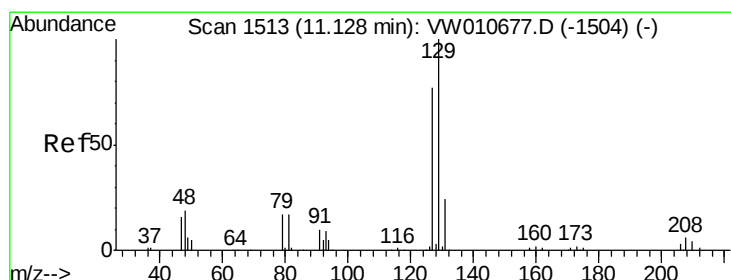
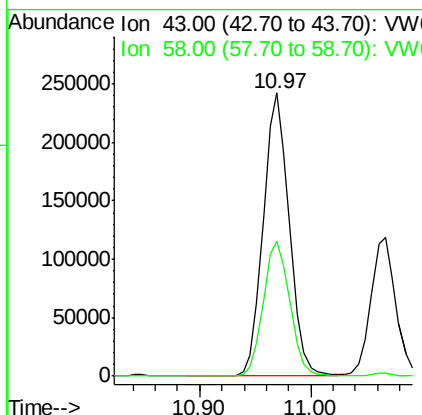
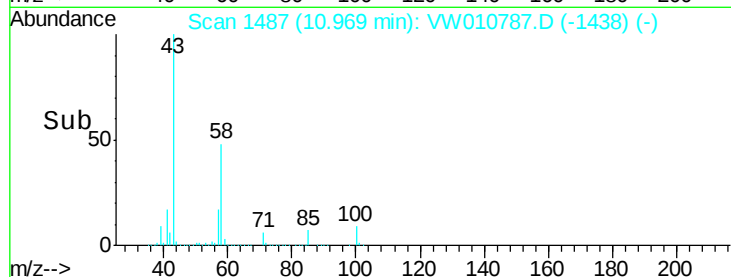
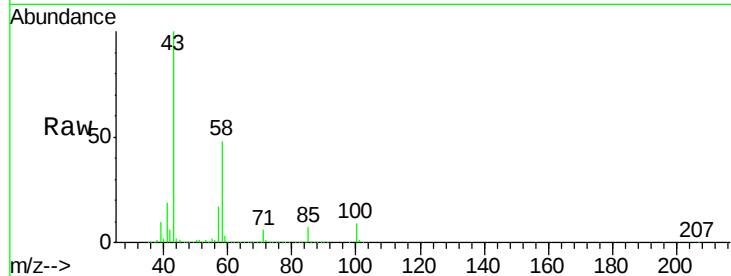
#59
2-Hexanone
Concen: 263.142 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 393998
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6

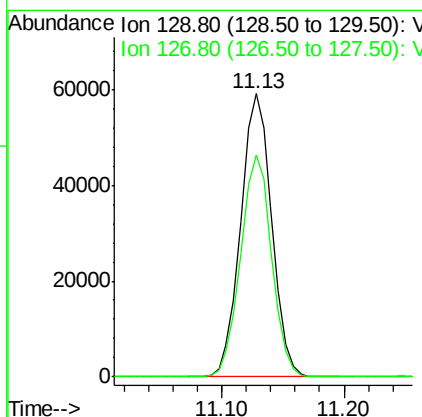
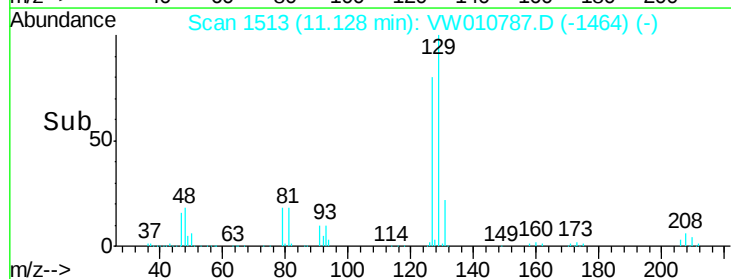
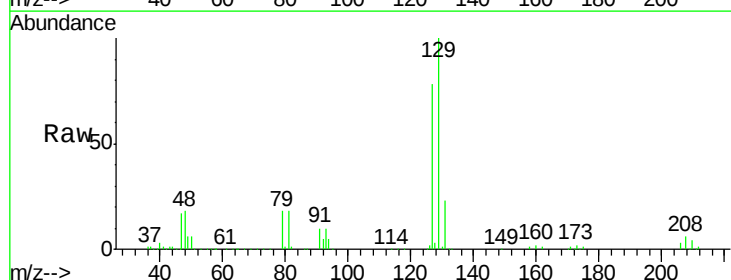
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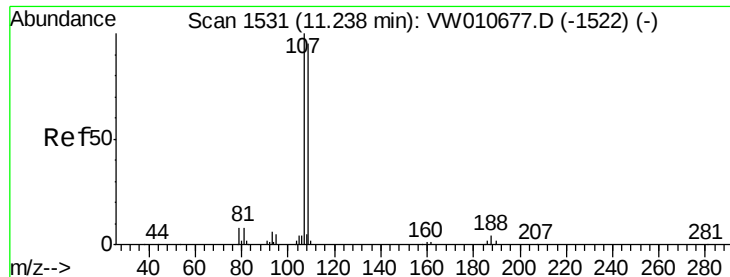
MMDadoda
6/13/2019 11:32:25 AM



#60
Dibromochloromethane
Concen: 51.043 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion: 129 Resp: 103568
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





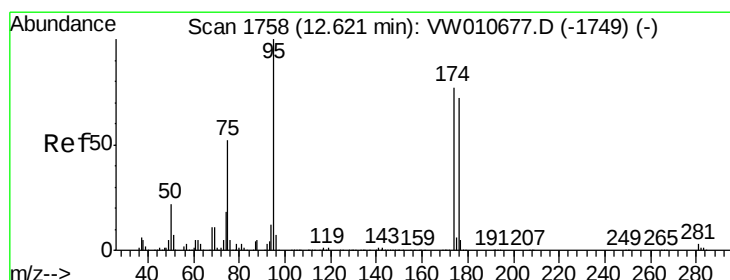
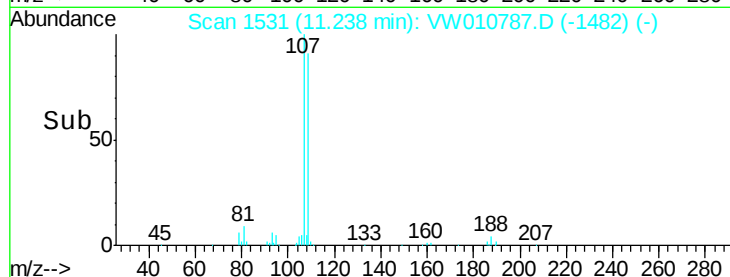
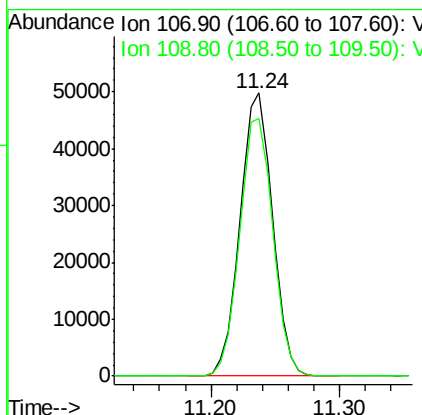
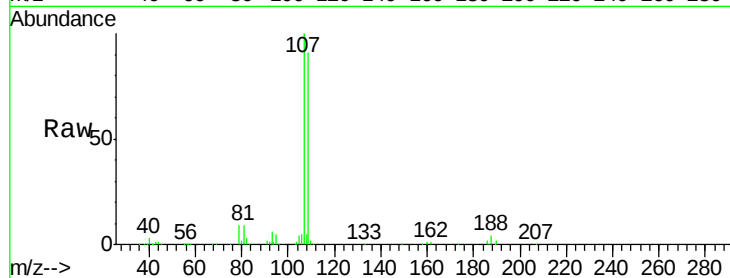
#61
 1,2-Dibromoethane
 Concen: 50.058 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.8	113.8

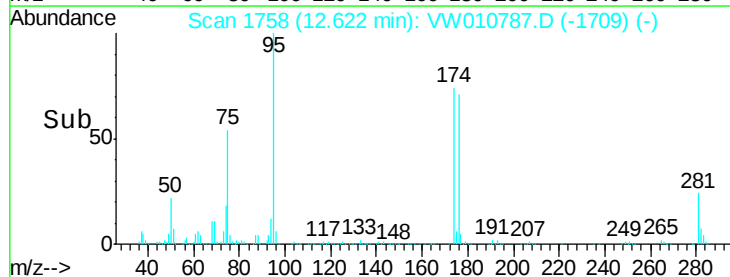
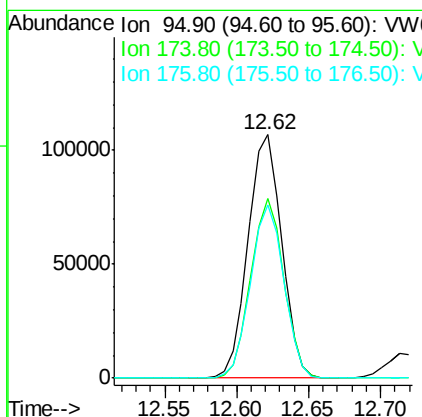
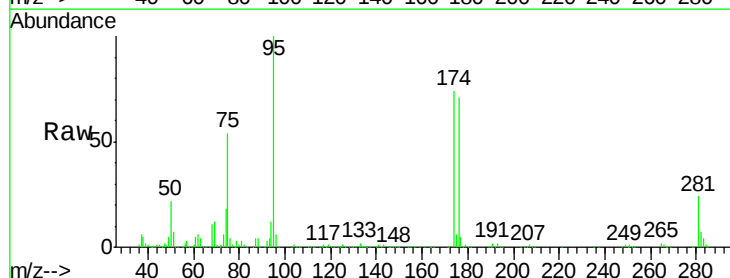
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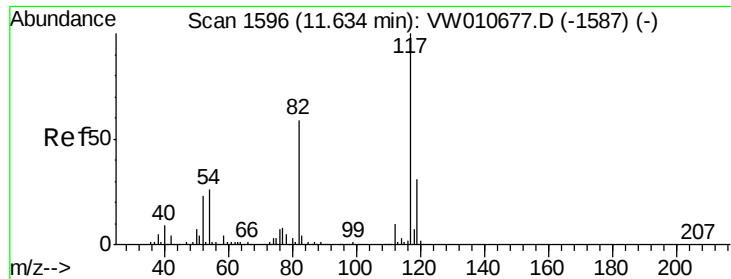
MMDadoda
 6/13/2019 11:32:25 AM



#62
 4-Bromofluorobenzene
 Concen: 53.868 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	150.4
176	70.4	0.0	144.8





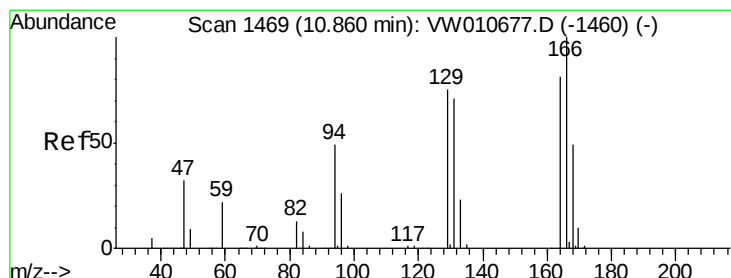
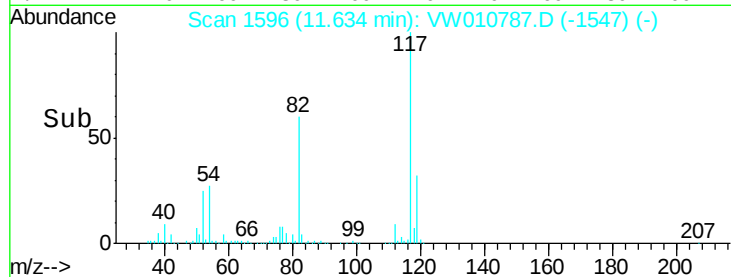
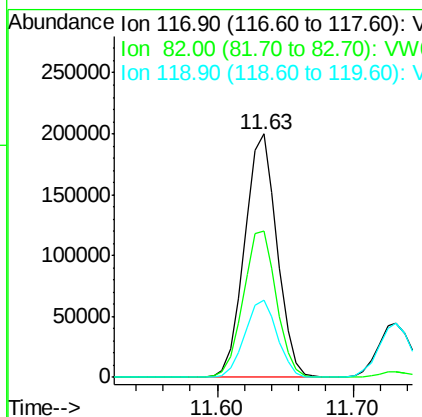
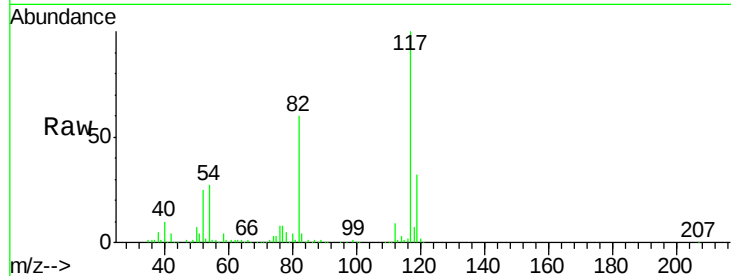
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	332502		
82	59.9	47.0	70.4	
119	31.6	25.1	37.7	

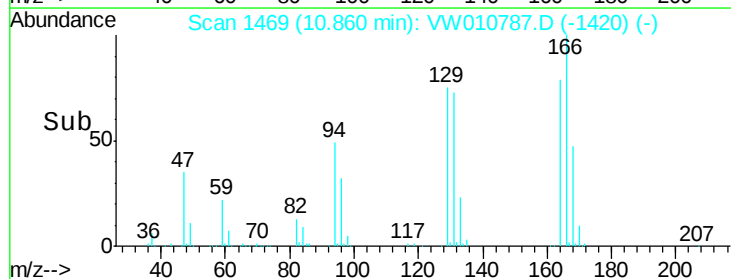
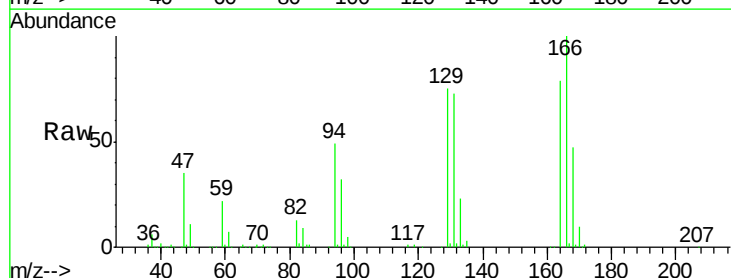
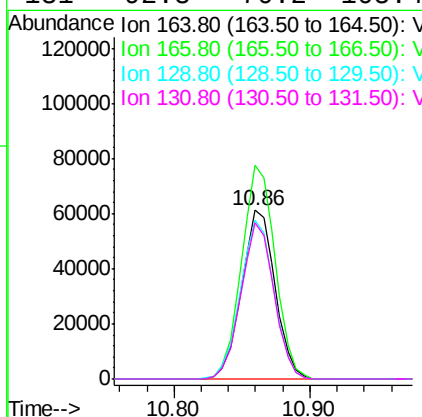
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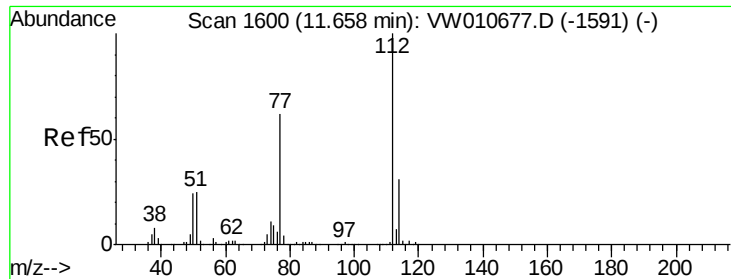
MMDadoda
6/13/2019 11:32:25 AM



#64
Tetrachloroethene
Concen: 47.738 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105390		
166	126.6	99.2	148.8	
129	94.3	74.6	112.0	
131	92.8	70.2	105.4	





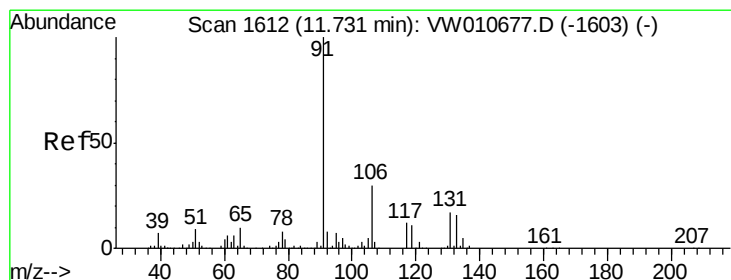
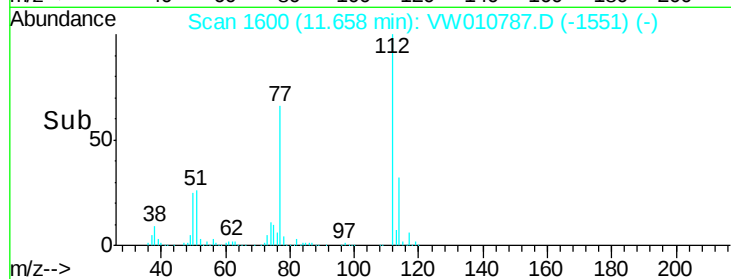
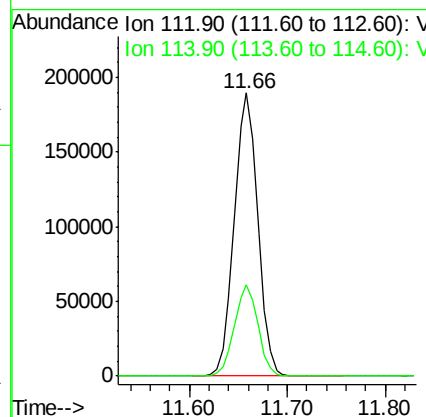
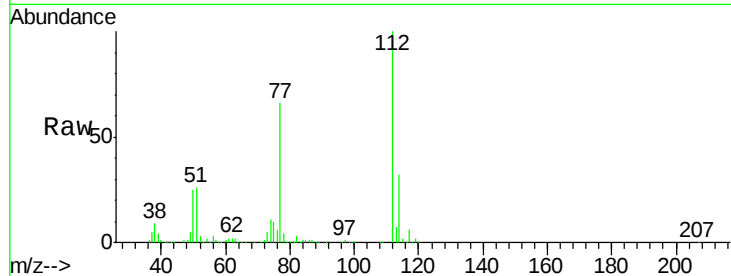
#65
Chlorobenzene
Concen: 48.336 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	316051		
114	32.2	24.8	37.2	

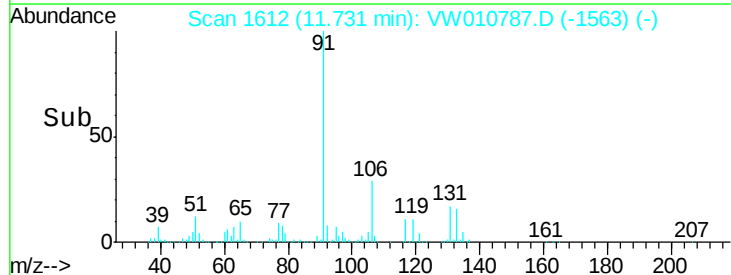
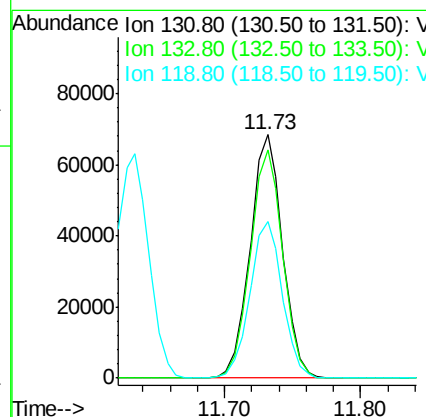
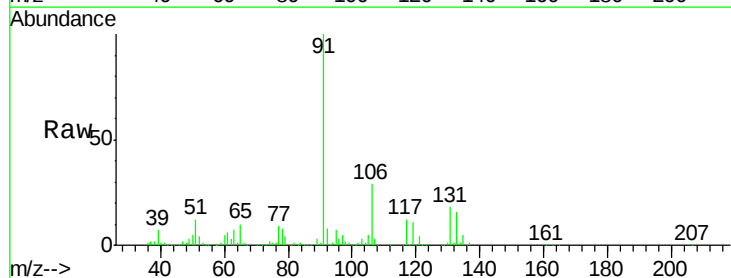
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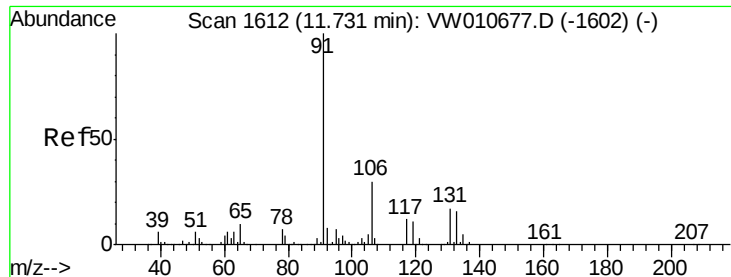
MMDadoda
6/13/2019 11:32:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.290 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	113828		
133	94.0	47.3	141.9	
119	64.4	32.4	97.0	





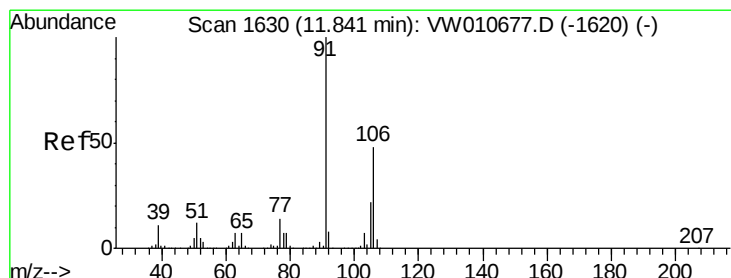
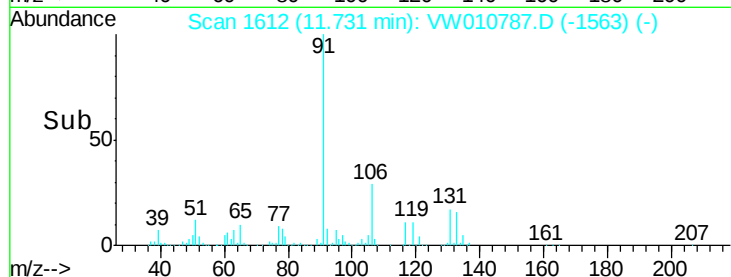
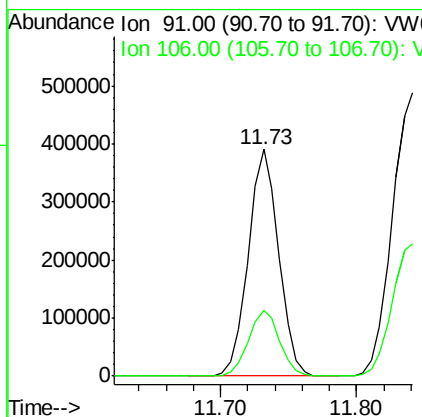
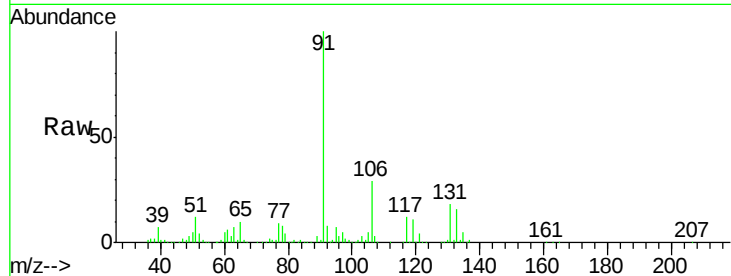
#67
Ethyl Benzene
Concen: 48.602 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 610749
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.4

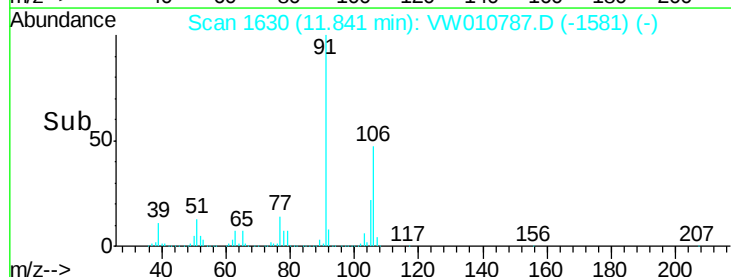
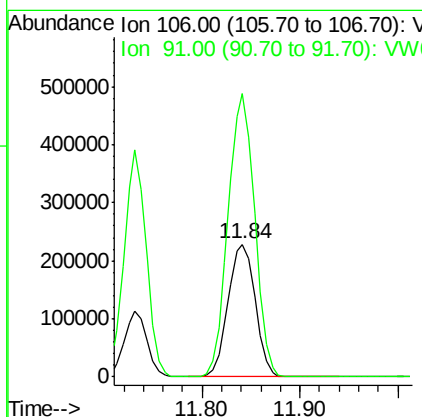
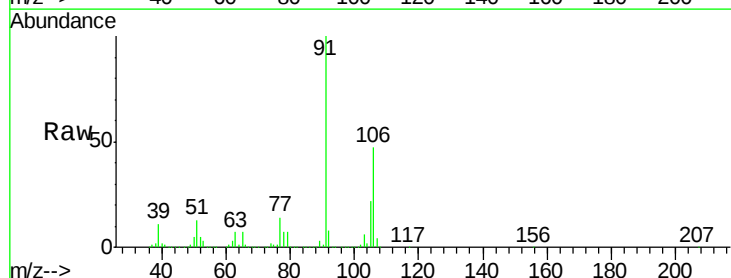
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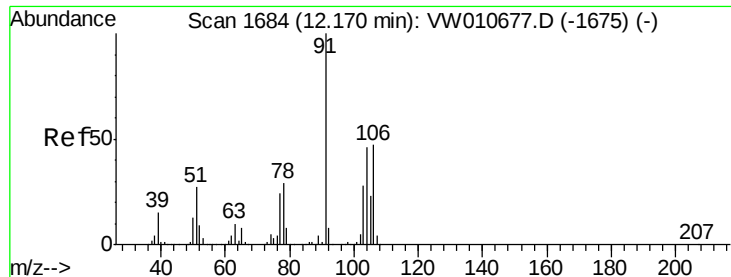
MMDadoda
6/13/2019 11:32:25 AM



#68
m/p-Xylenes
Concen: 97.910 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion: 106 Resp: 440436
Ion Ratio Lower Upper
106 100
91 209.0 166.5 249.7





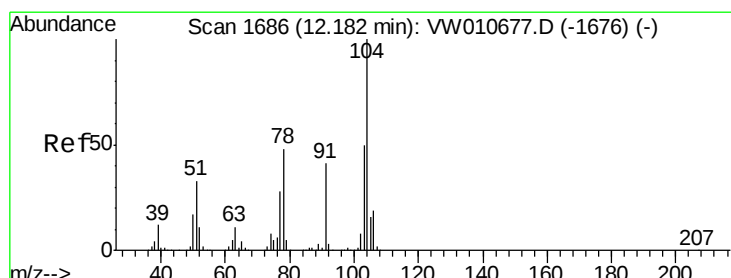
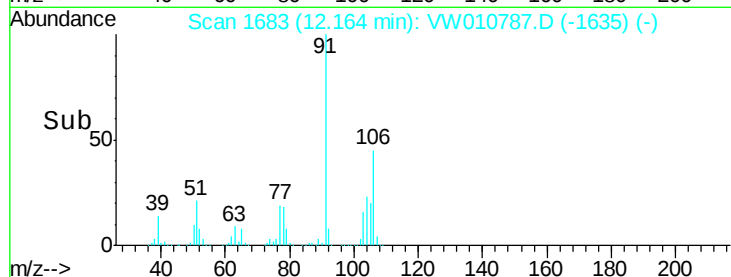
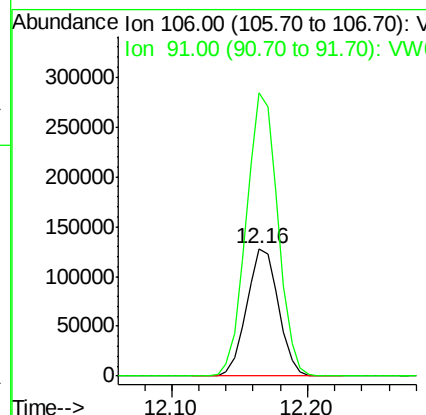
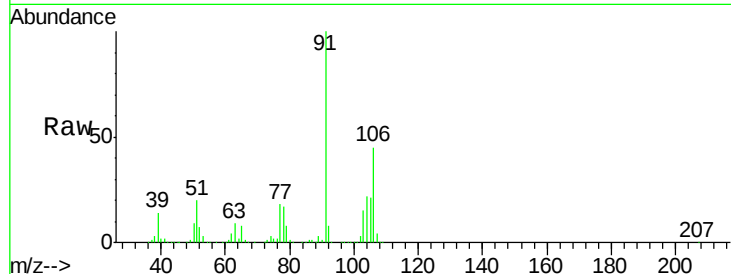
#69
o-Xylene
Concen: 48.871 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		208502		
91	221.9	108.9	326.6		

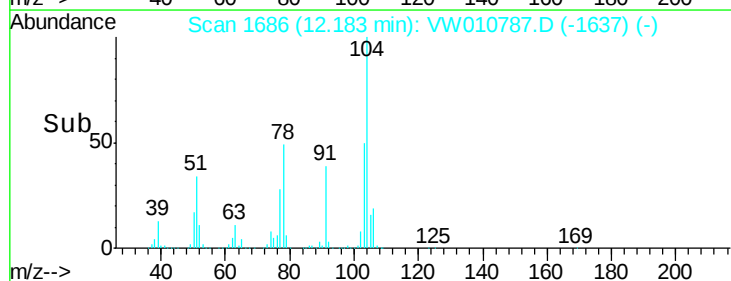
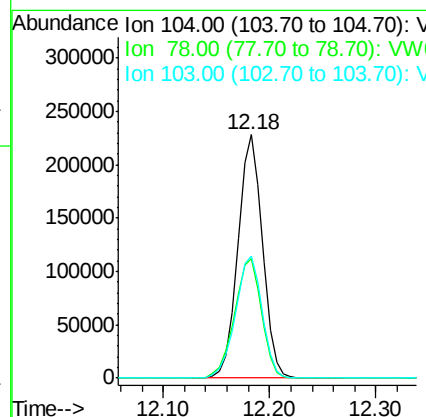
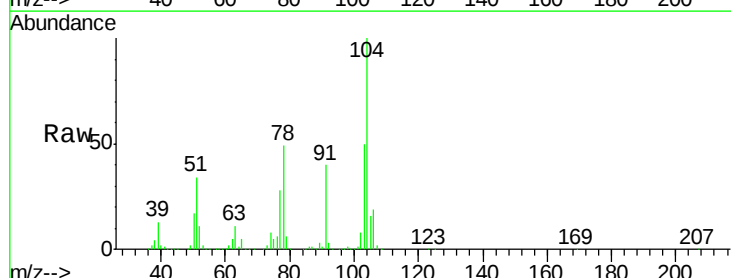
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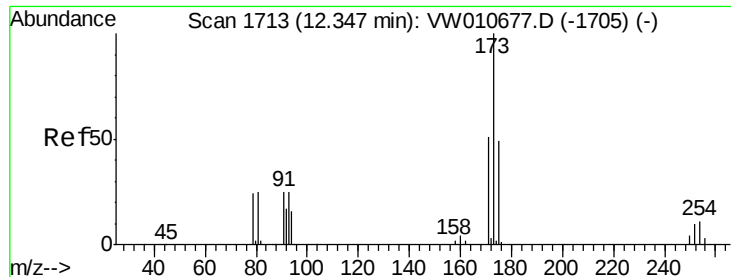
MMDadoda
6/13/2019 11:32:25 AM



#70
Styrene
Concen: 49.715 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		368448		
78	54.0	42.7	64.1		
103	54.4	43.6	65.4		





#71

Bromoform

Concen: 49.926 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 58444

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

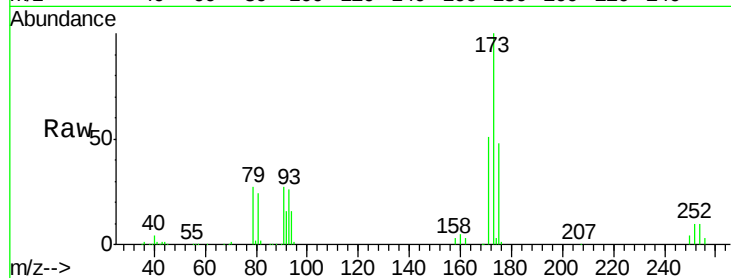
254 0.0 0.1 0.1#

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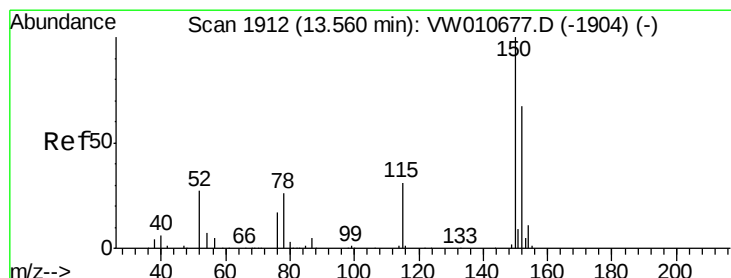
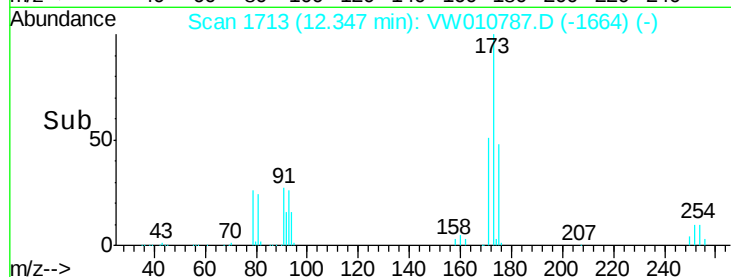
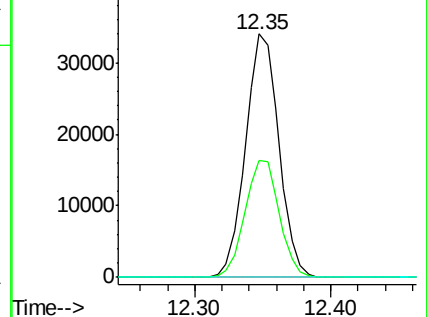
6/13/2019 11:32:25 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

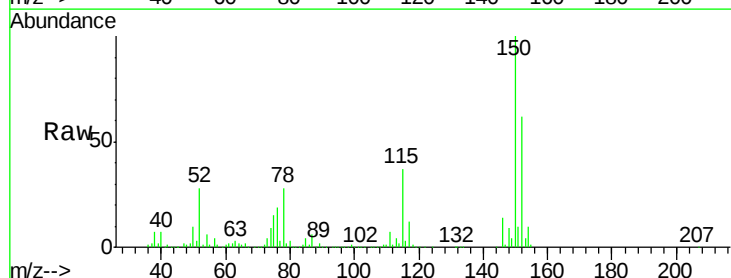
Tgt Ion:152 Resp: 163754

Ion Ratio Lower Upper

152 100

115 59.7 29.8 89.3

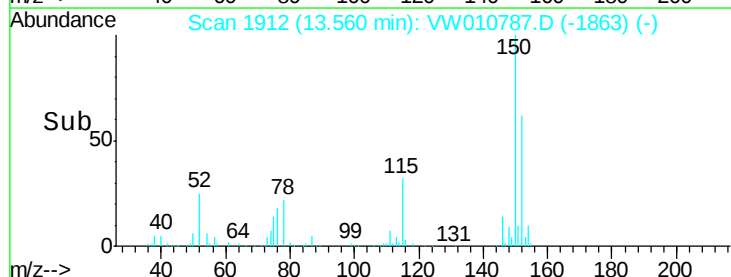
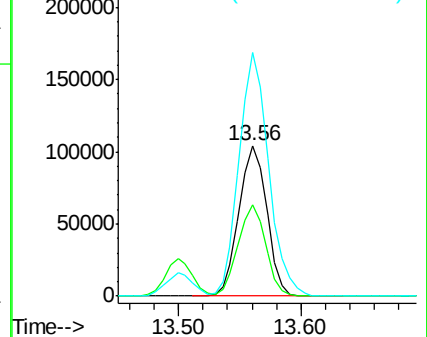
150 172.5 0.0 345.0

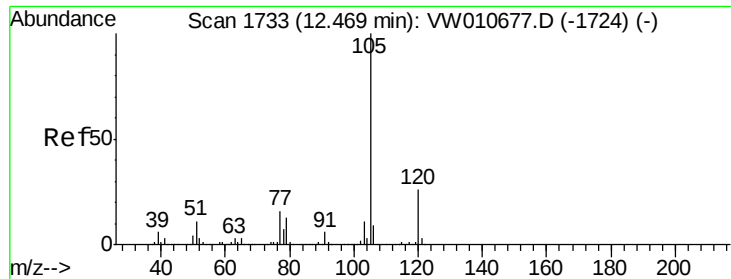


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.812 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 576045

Ion Ratio Lower Upper

105 100

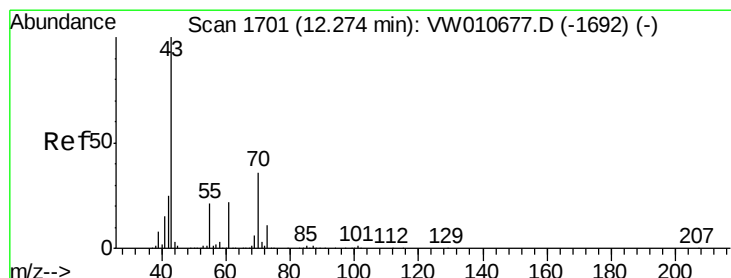
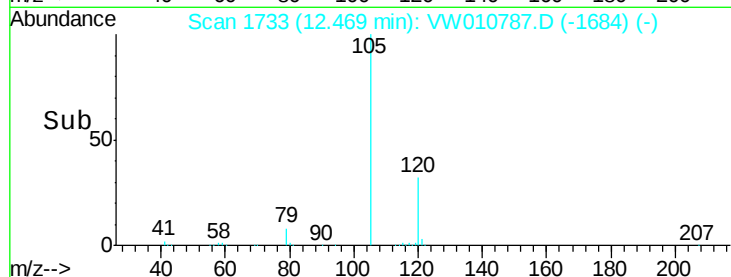
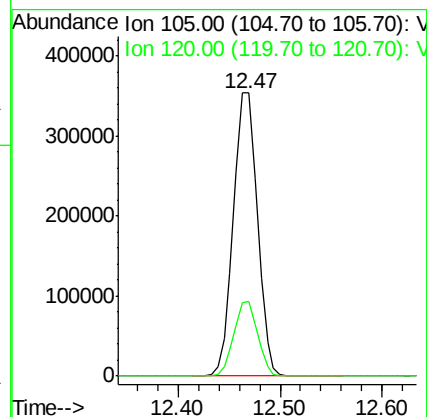
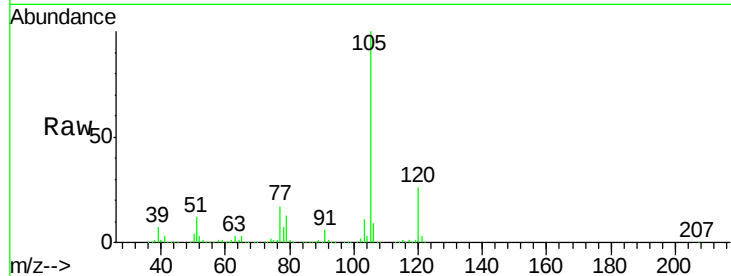
120 26.0 13.1 39.1

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#74

N-ethyl acetate

Concen: 52.064 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Tgt Ion: 43 Resp: 207055

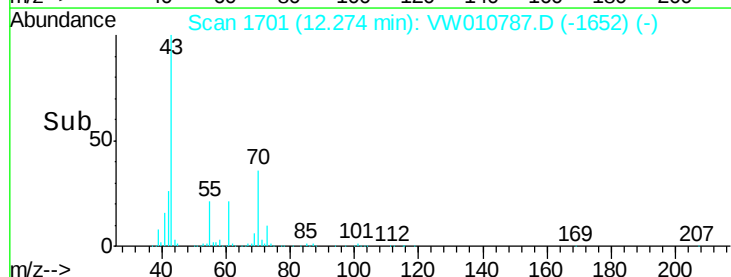
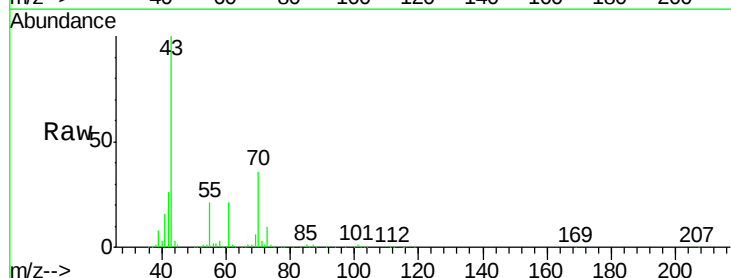
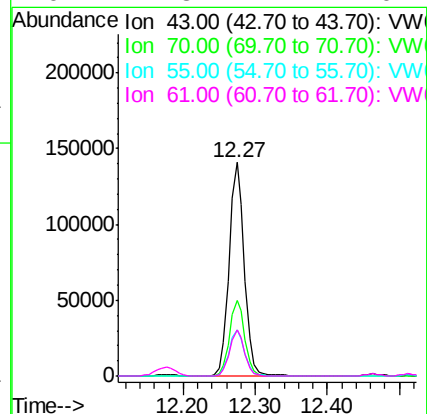
Ion Ratio Lower Upper

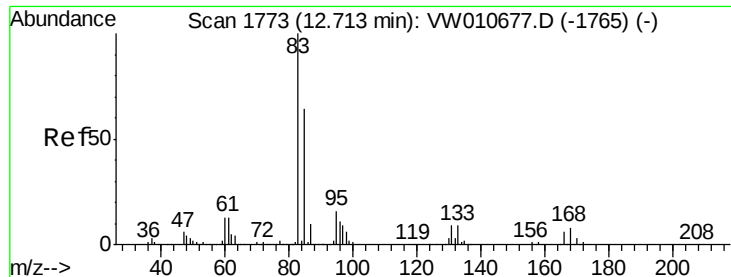
43 100

70 35.6 29.2 43.8

55 22.0 17.5 26.3

61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.533 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

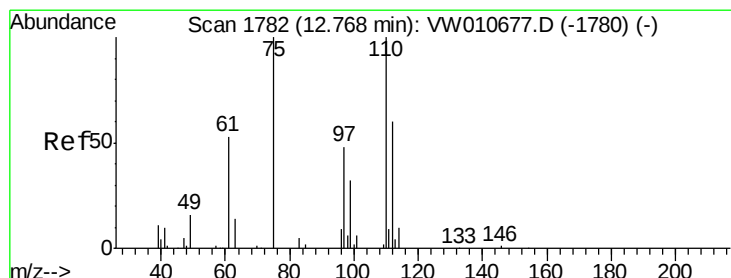
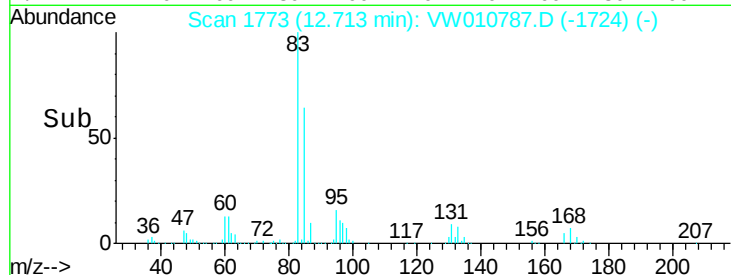
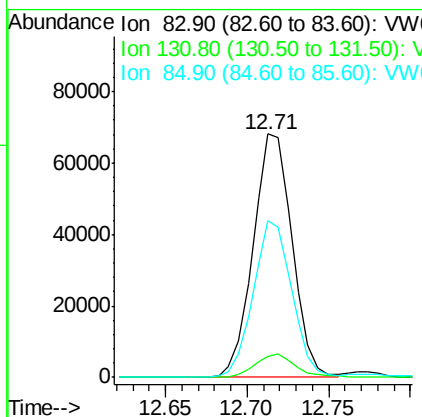
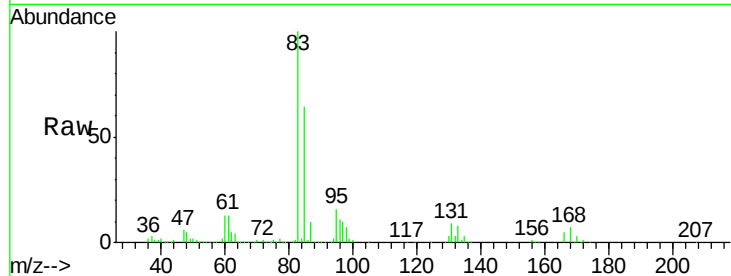
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	113696
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	63.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.898 ug/l m

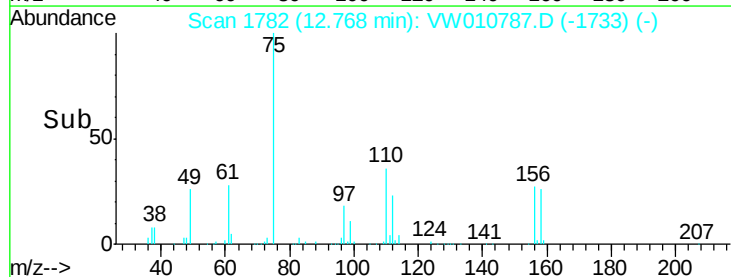
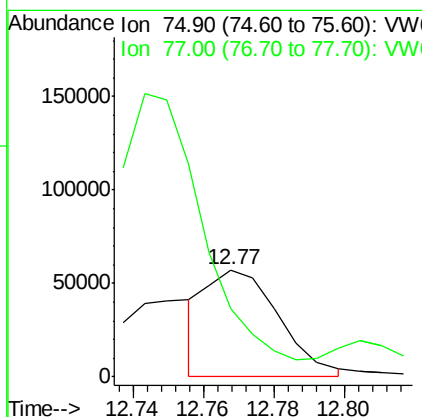
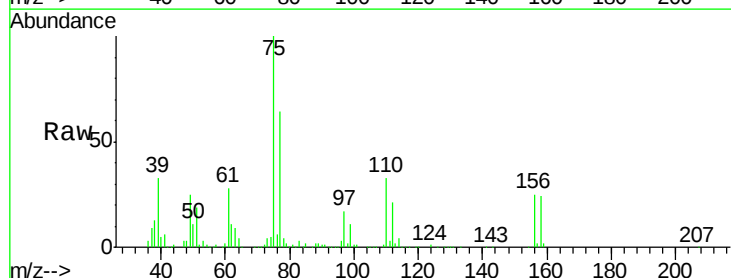
RT: 12.77 min Scan# 1782

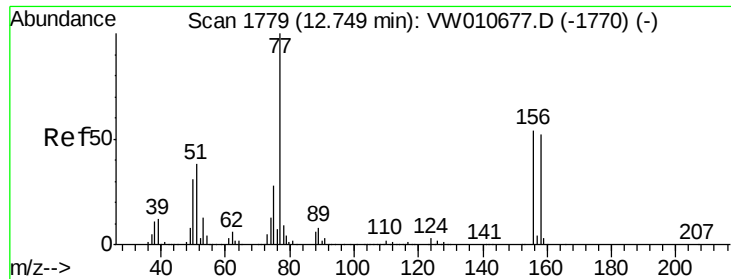
Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Tgt Ion:	75	Resp:	82367
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.647 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

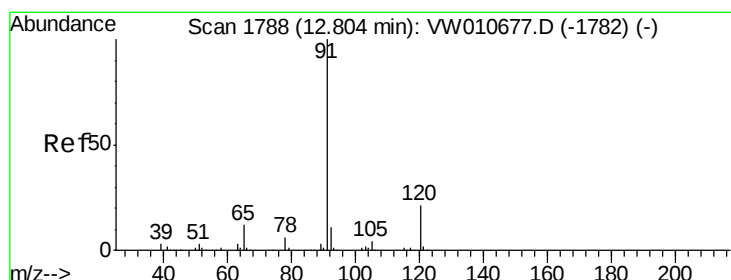
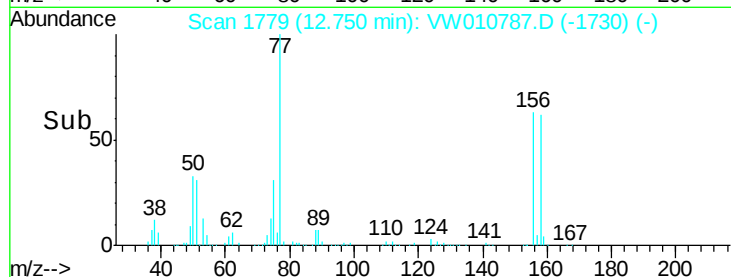
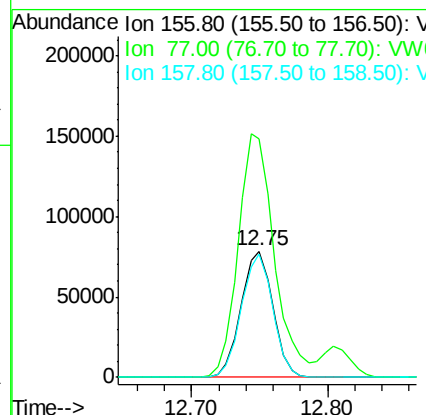
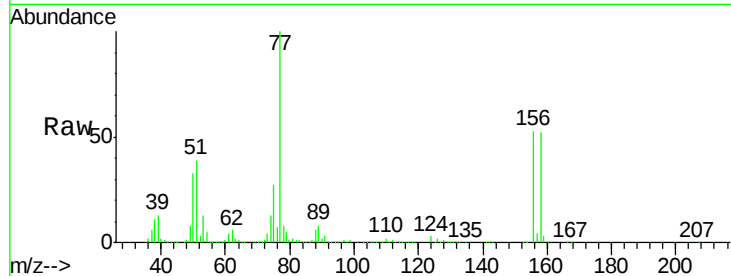
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	127983
Ion Ratio	Lower	Upper	
156	100		
77	218.5	106.5	319.4
158	96.9	48.3	144.9

Manual Integrations
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#78

n-propylbenzene

Concen: 47.302 ug/l

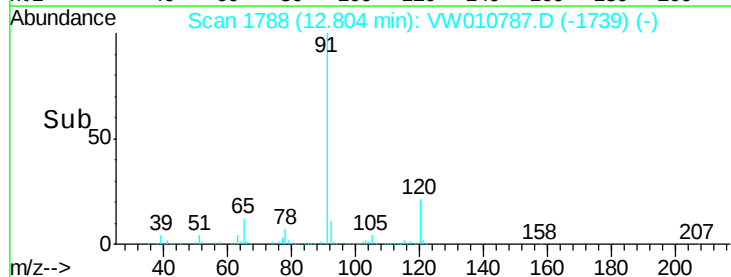
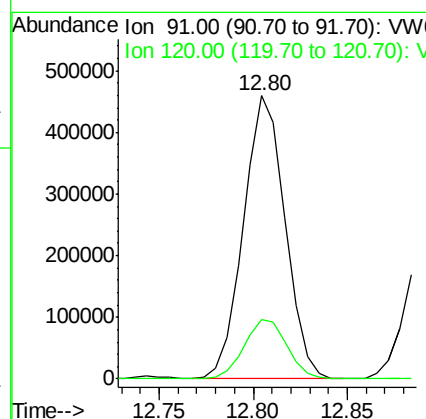
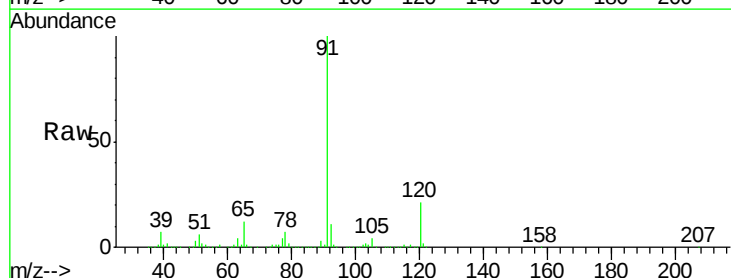
RT: 12.80 min Scan# 1788

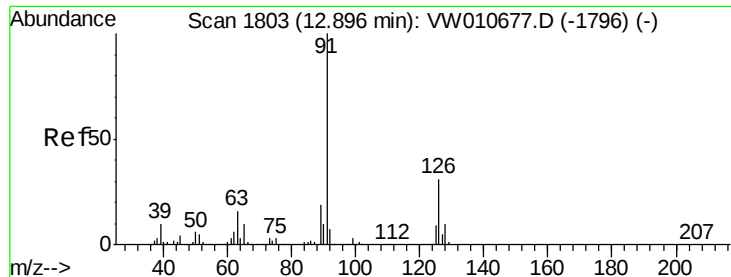
Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Tgt Ion:	91	Resp:	701864
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.4





#79

2-Chlorotoluene

Concen: 47.946 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 406445

Ion Ratio Lower Upper

91 100

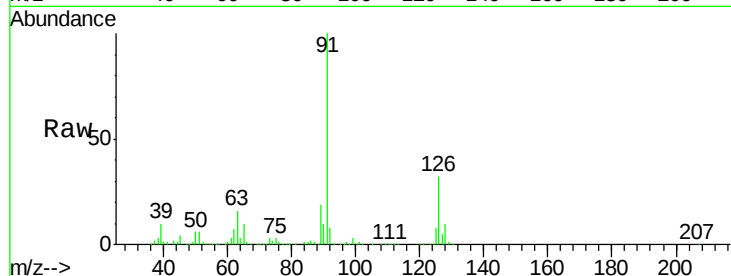
126 31.4 15.7 47.0

Manual Integrations

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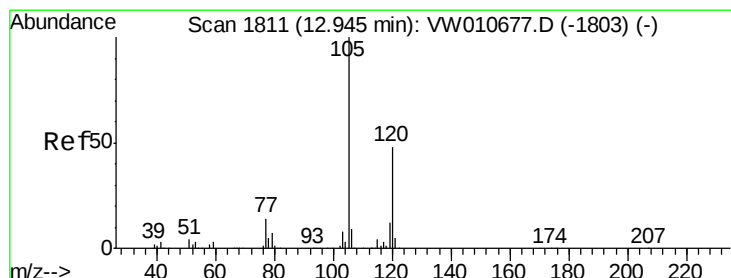
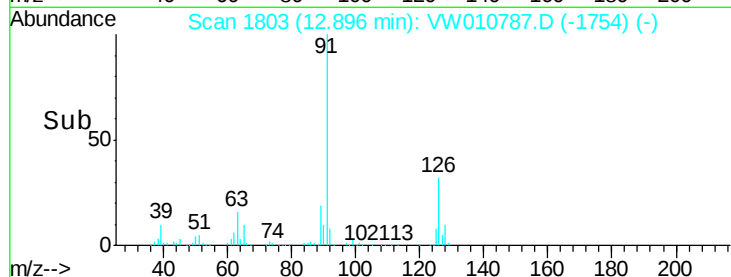
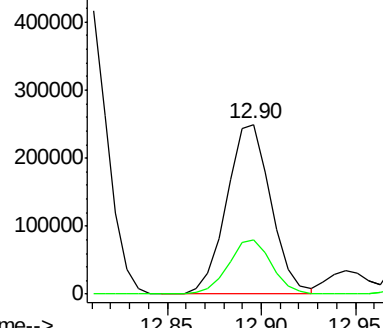
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.126 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010787.D

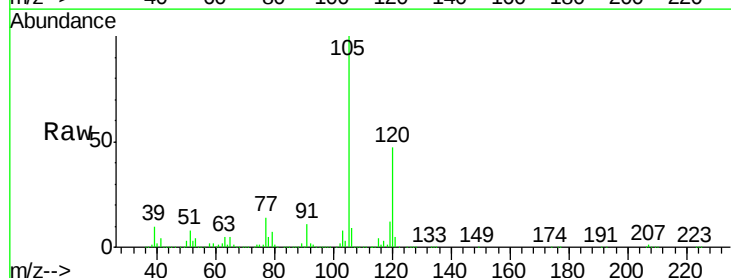
Acq: 12 Jun 2019 19:27

Tgt Ion: 105 Resp: 484733

Ion Ratio Lower Upper

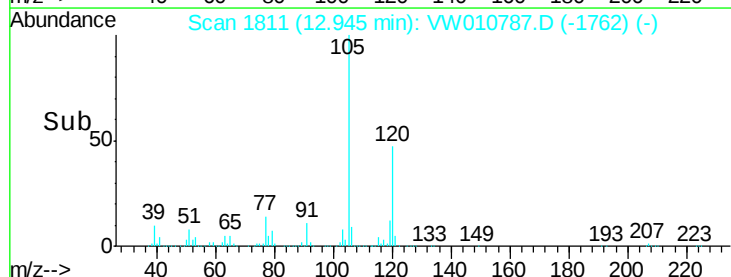
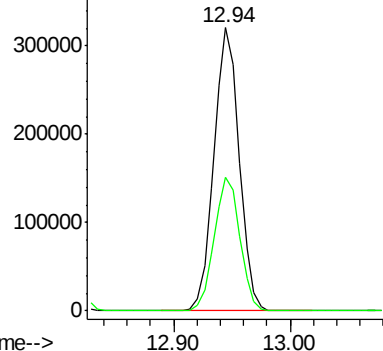
105 100

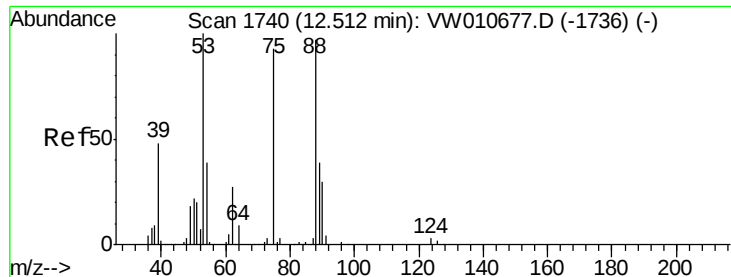
120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.731 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 35713

Ion Ratio Lower Upper

75 100

53 115.5 90.1 135.1

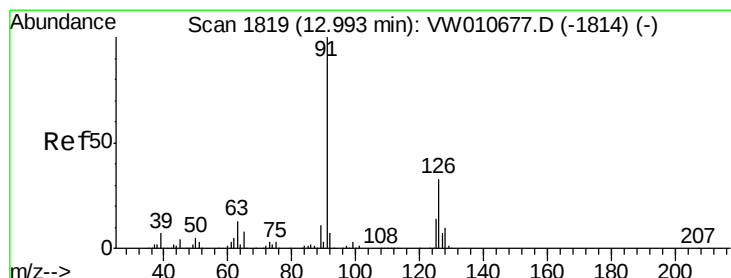
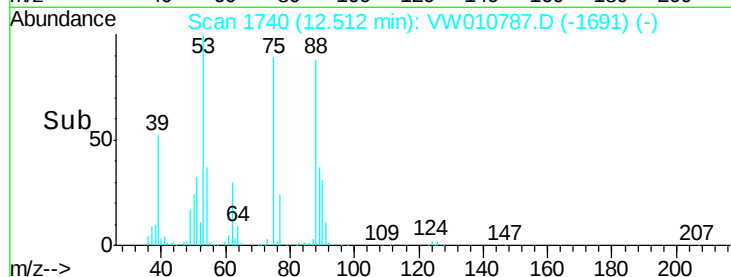
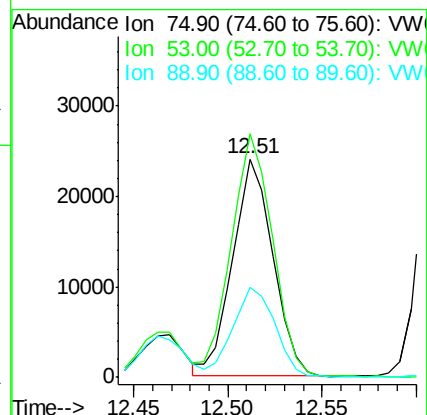
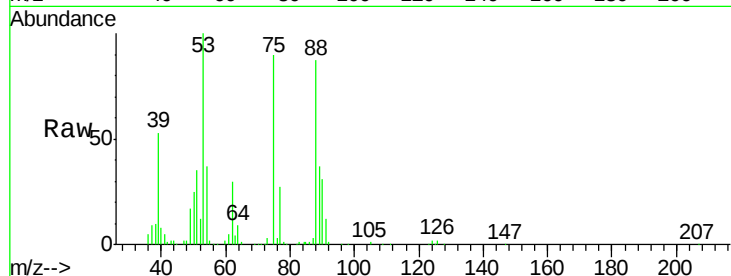
89 43.5 34.6 52.0

Manual Integrations

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#82

4-Chlorotoluene

Concen: 48.275 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW010787.D

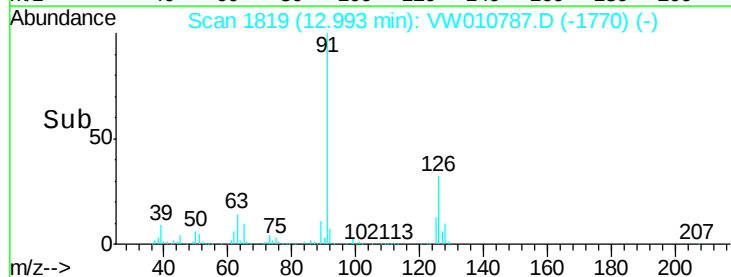
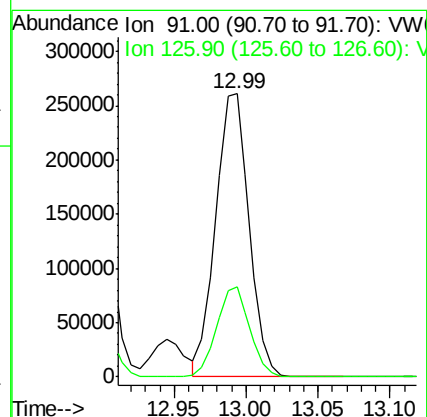
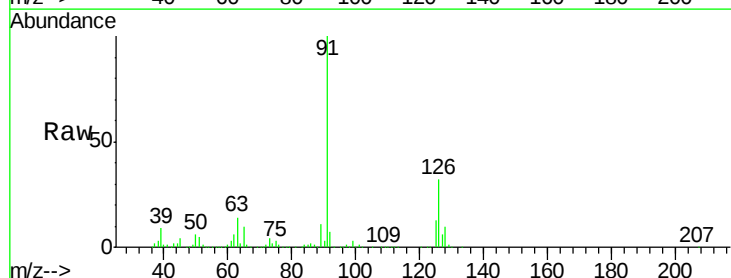
Acq: 12 Jun 2019 19:27

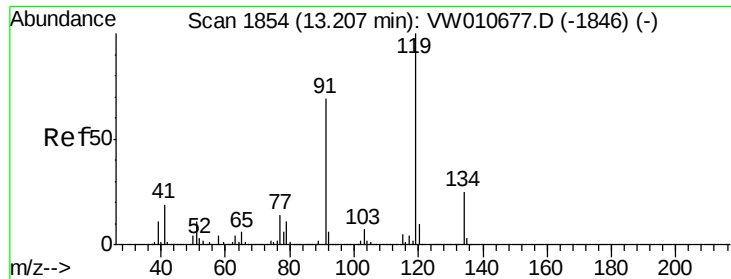
Tgt Ion: 91 Resp: 422317

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.7





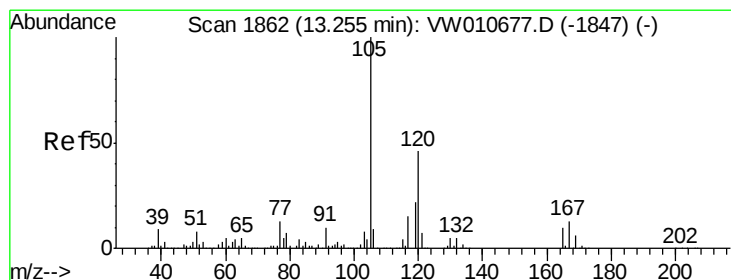
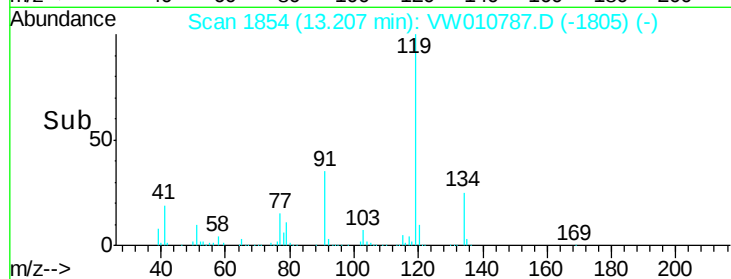
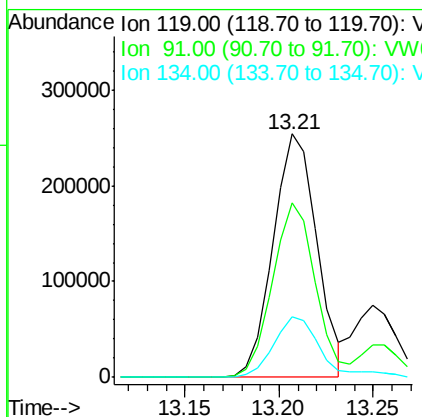
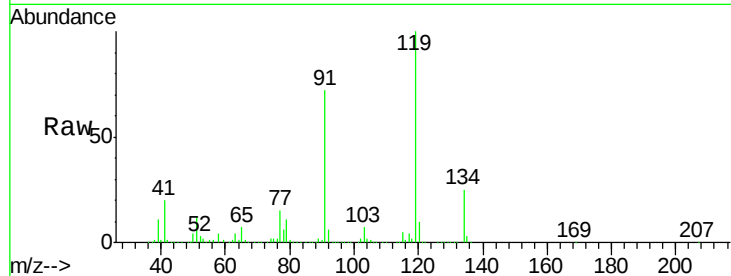
#83
tert-Butylbenzene
Concen: 47.812 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.9	35.1	105.3
134	27.0	13.6	40.7

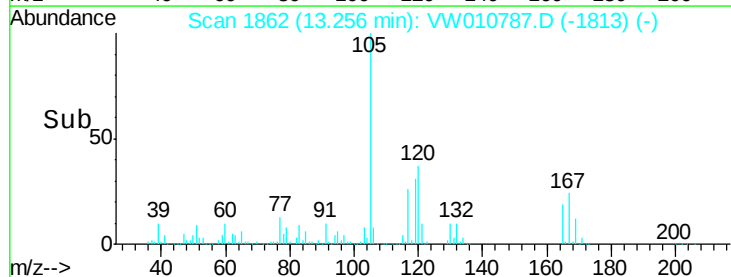
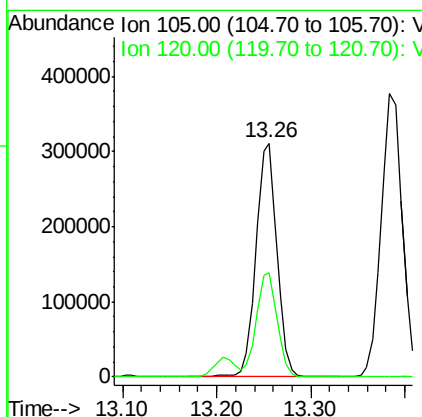
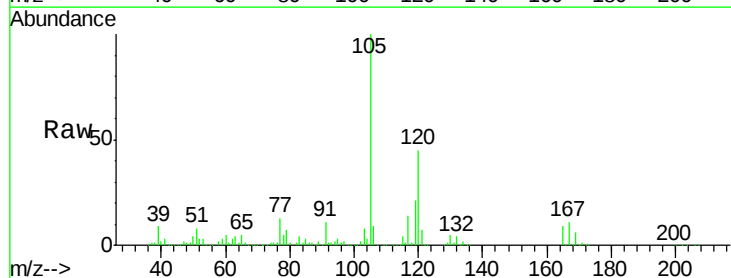
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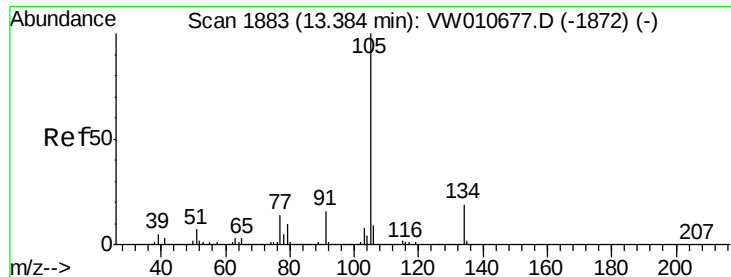
MMDadoda
6/13/2019 11:32:25 AM



#84
1,2,4-Trimethylbenzene
Concen: 48.285 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.5	67.5





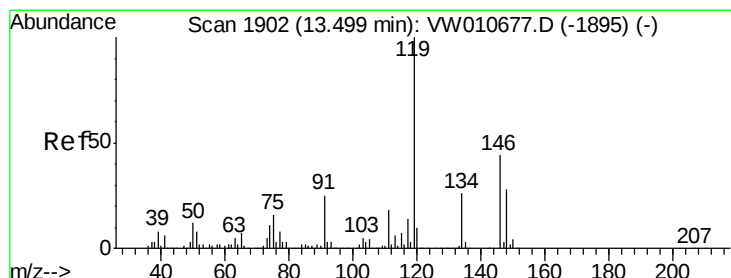
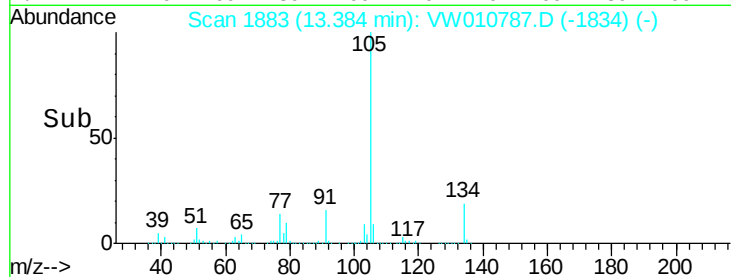
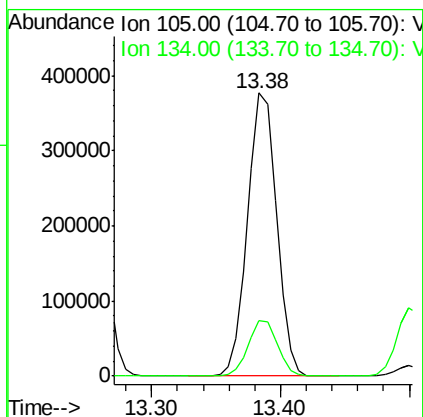
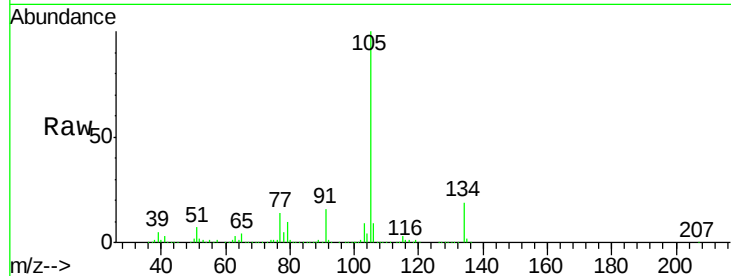
#85
 sec-Butylbenzene
 Concen: 47.215 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.7	28.9

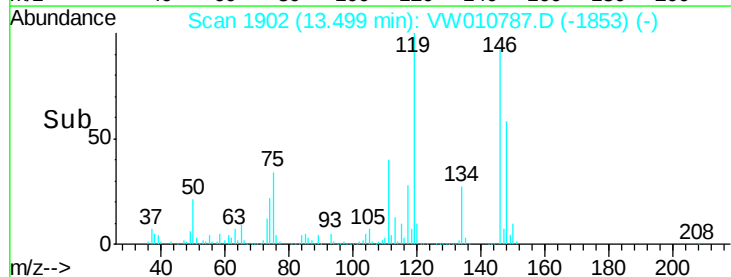
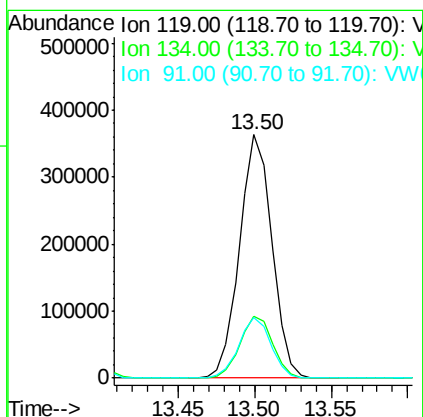
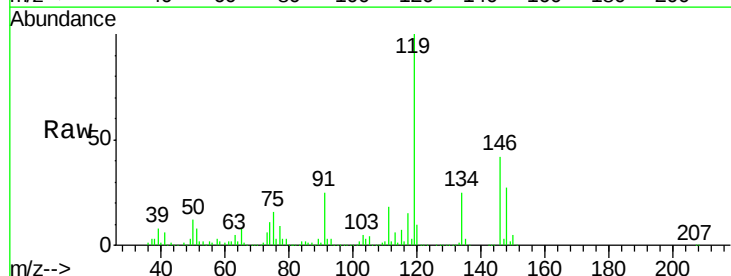
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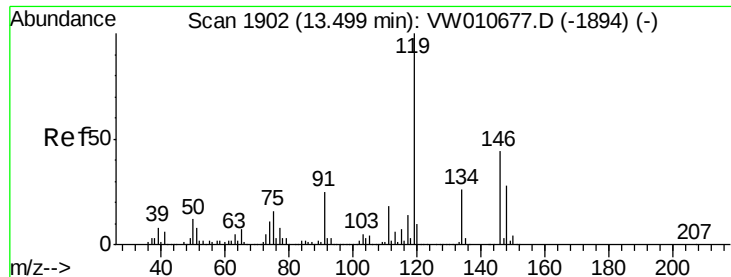
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#86
 p-Isopropyltoluene
 Concen: 47.922 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	39.0
91	24.6	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 48.016 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Instrument :

MSVOA_W

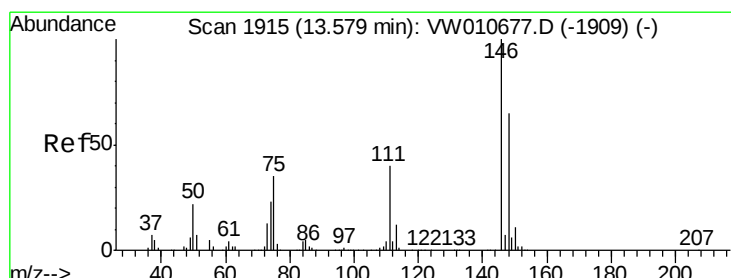
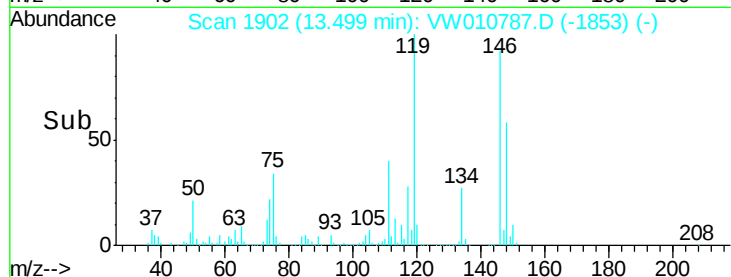
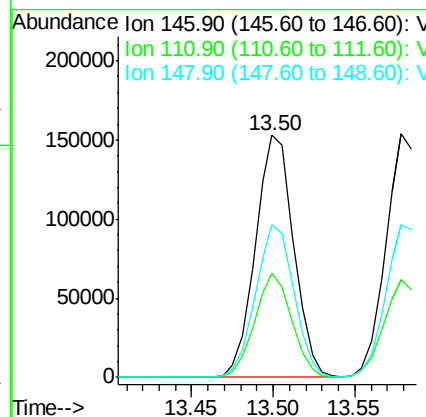
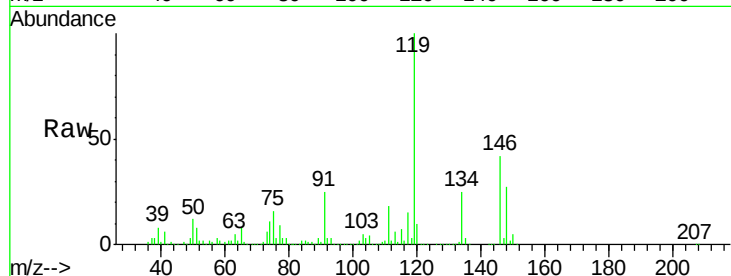
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	248721
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.4	61.3
148	63.1	31.5	94.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.962 ug/l

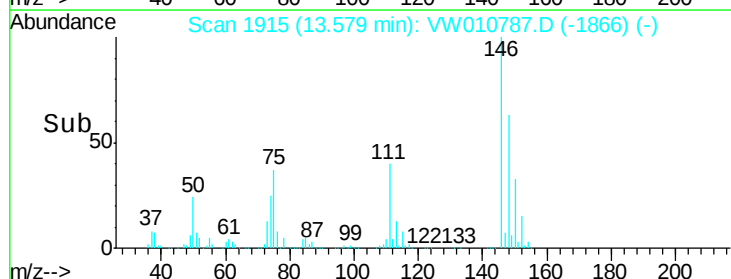
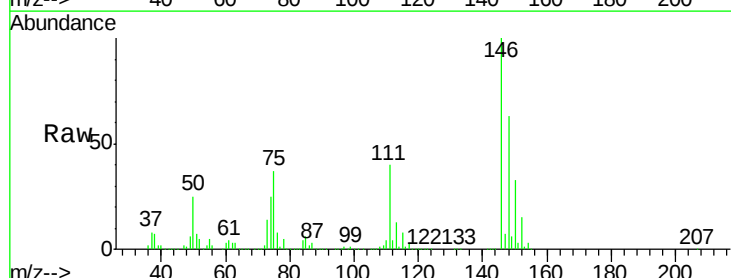
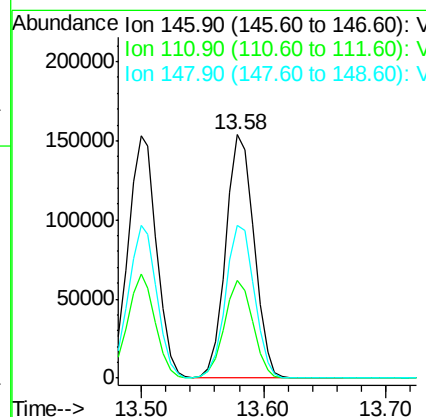
RT: 13.58 min Scan# 1915

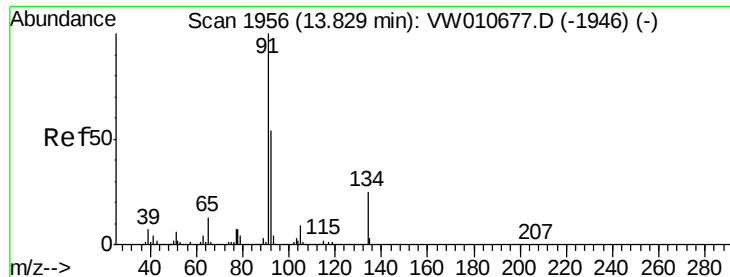
Delta R.T. 0.00 min

Lab File: VW010787.D

Acq: 12 Jun 2019 19:27

Tgt Ion:	146	Resp:	246306
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.3	60.9
148	63.6	32.4	97.2





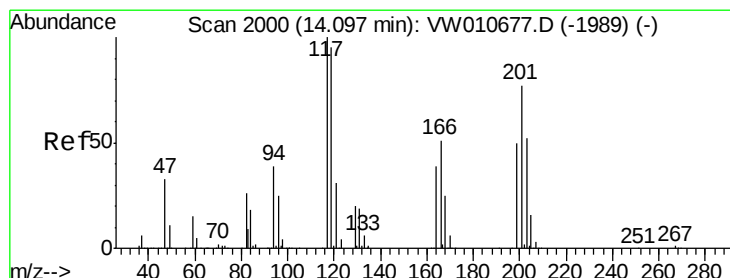
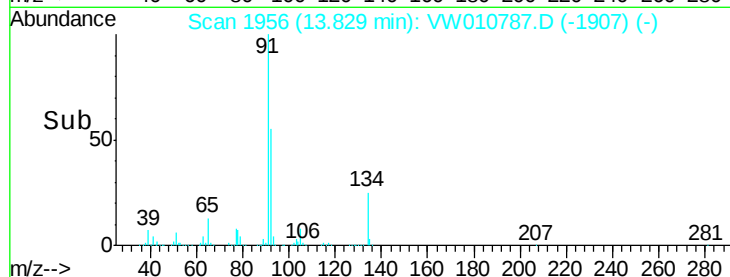
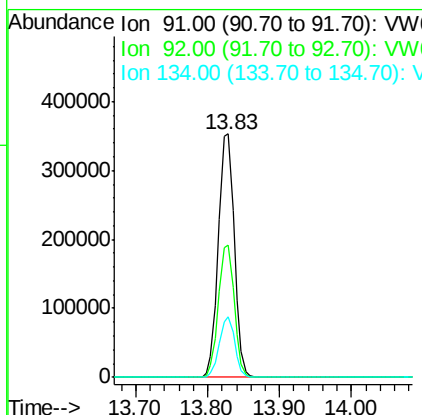
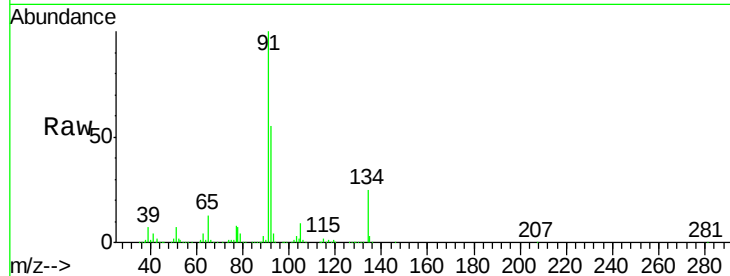
#89
n-Butylbenzene
Concen: 48.789 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.3	81.8
134	24.1	12.3	36.9

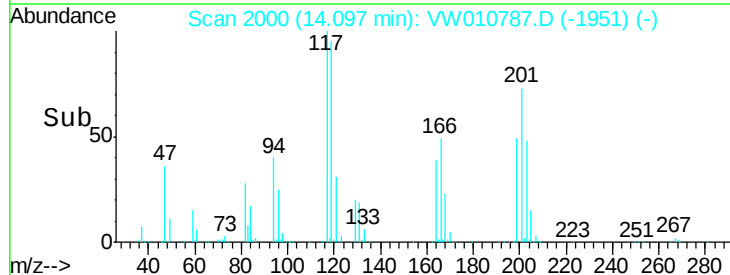
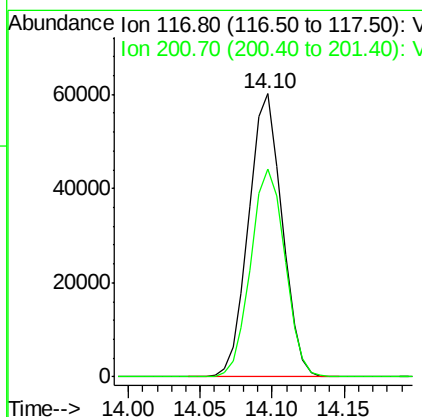
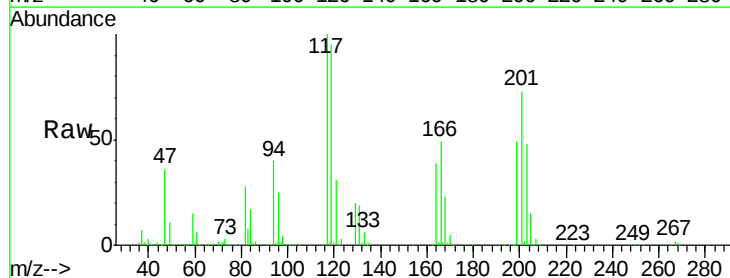
Manual Integrations
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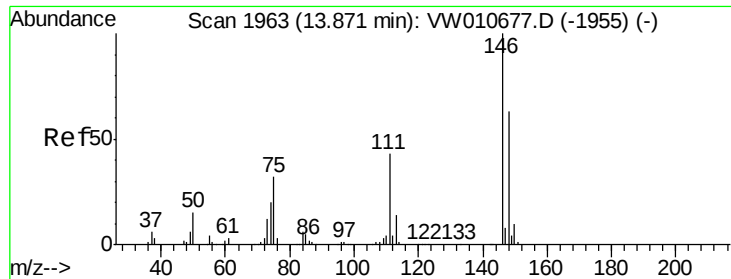
MMDadoda
6/13/2019 11:32:25 AM



#90
Hexachloroethane
Concen: 48.409 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.5	38.8	116.4





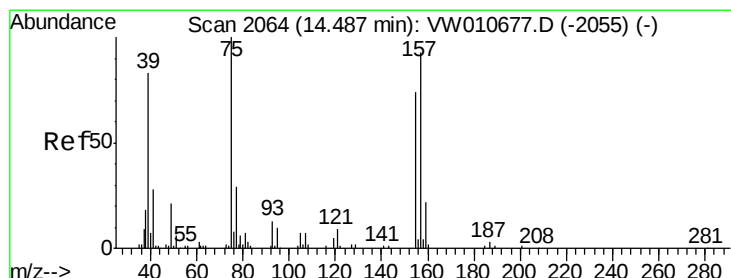
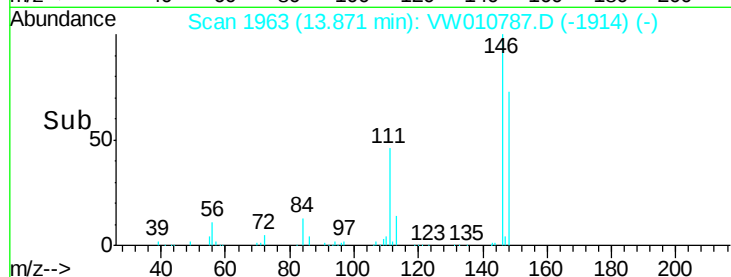
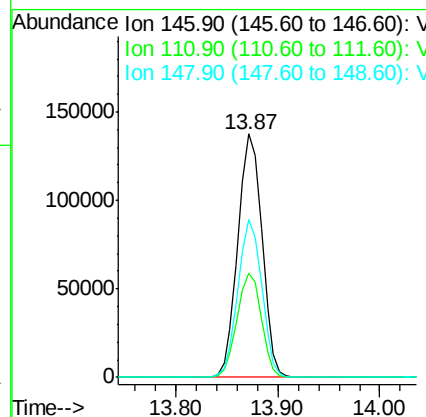
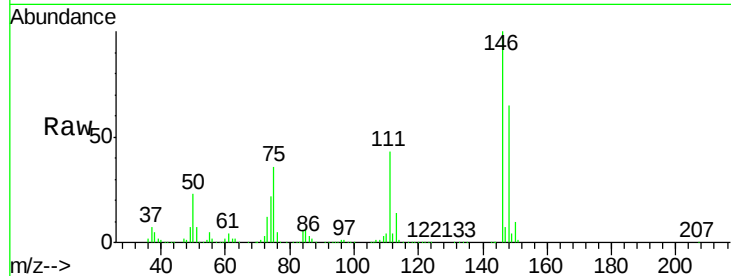
#91
 1,2-Dichlorobenzene
 Concen: 48.341 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	225189		
111	42.9		21.5	64.5
148	63.7		31.9	95.5

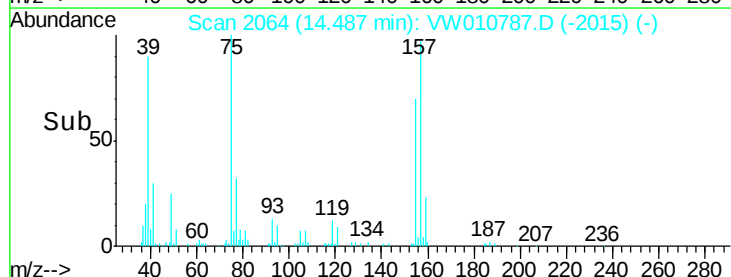
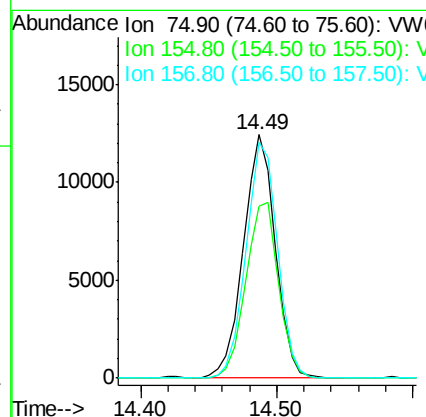
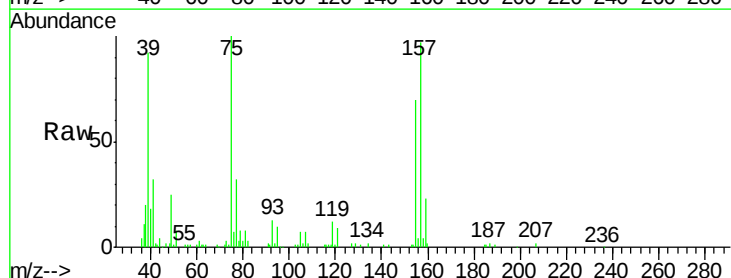
Manual Integrations
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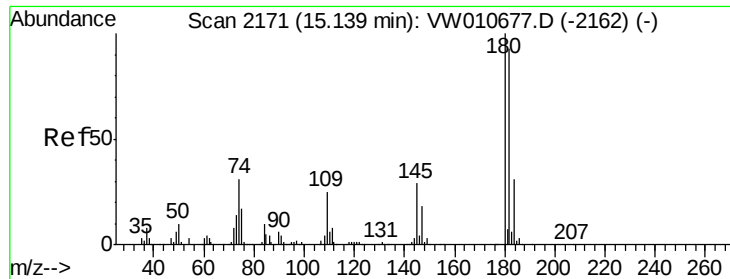
MMDadoda
 6/13/2019 11:32:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.639 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20371		
155	74.1		38.8	116.4
157	96.1		48.4	145.0





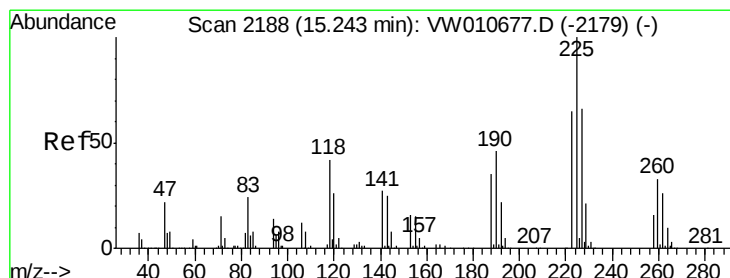
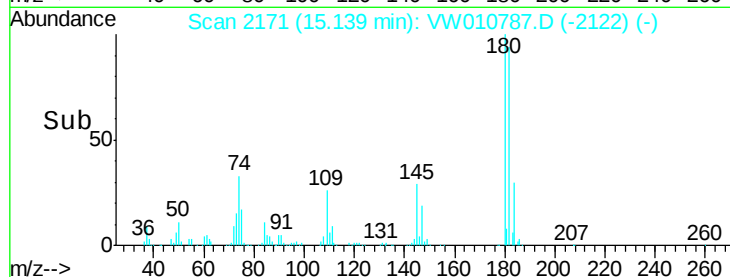
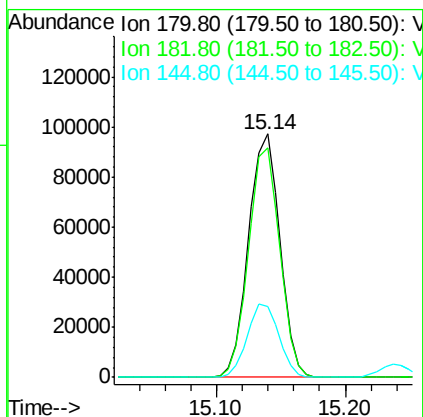
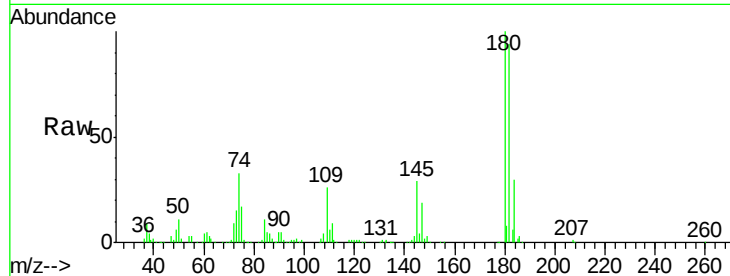
#93
 1,2,4-Trichlorobenzene
 Concen: 49.820 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	162863		
182	94.1	47.1	141.4	
145	30.8	15.2	45.5	

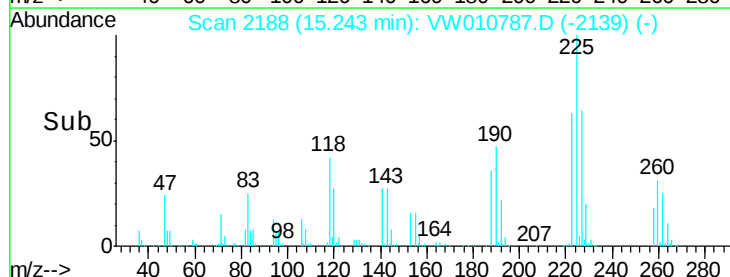
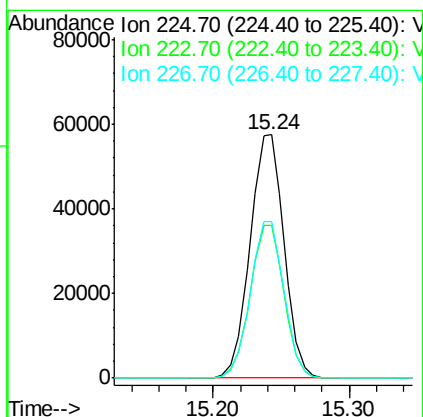
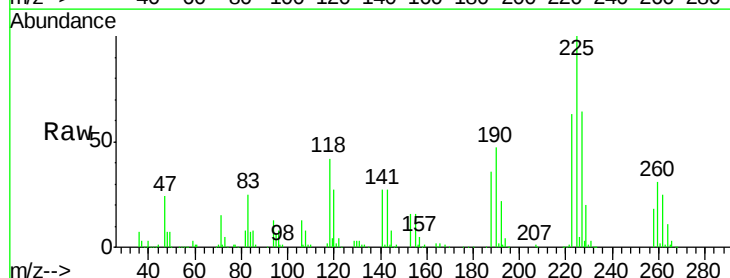
Manual Integrations
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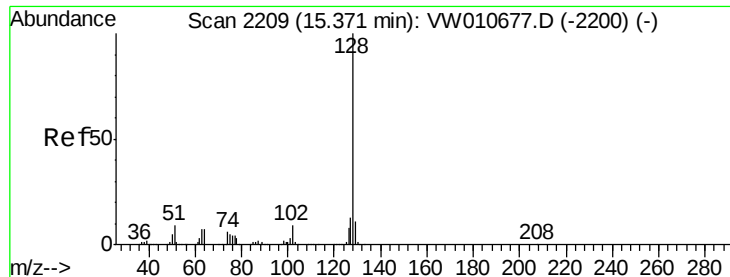
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 6/13/2019 11:32:25 AM



#94
 Hexachlorobutadiene
 Concen: 49.101 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010787.D
 Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100738		
223	62.6	32.2	96.6	
227	63.6	32.0	96.0	





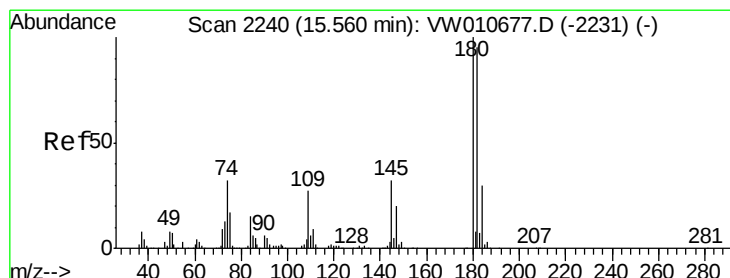
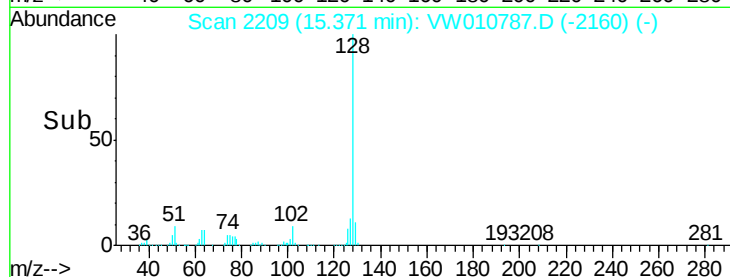
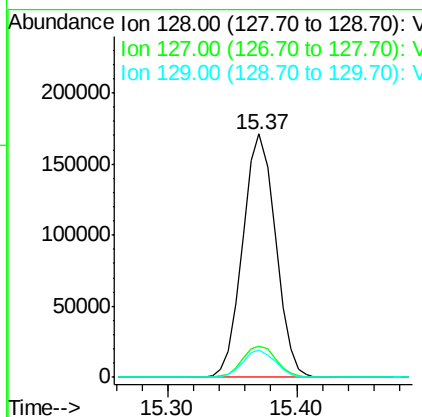
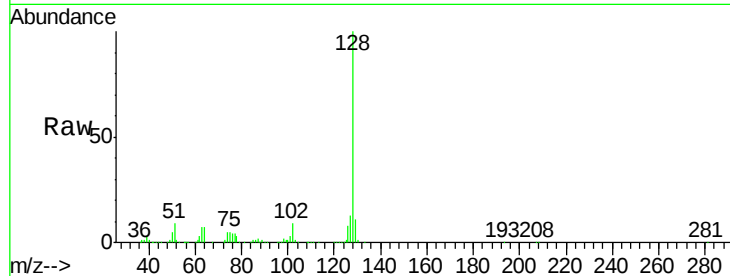
#95
Naphthalene
Concen: 50.800 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.1	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.707 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010787.D
Acq: 12 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.0	141.0
145	32.6	16.1	48.3

