

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012841.D
 Acq On : 10 Sep 2019 00:37
 Operator : SY/VA
 Sample : VW0909SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:46 AM

Quant Time: Sep 10 07:45:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	275918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	239641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	118982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104650	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.88	113	82100	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.32	98	325887	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	115631	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18126	17.915	ug/l	100
3) Chloromethane	2.21	50	24314	19.774	ug/l	98
4) Vinyl Chloride	2.36	62	30955	20.532	ug/l	98
5) Bromomethane	2.78	94	18573	22.686	ug/l	88
6) Chloroethane	2.92	64	18035	20.046	ug/l	97
7) Trichlorofluoromethane	3.25	101	16640	15.994	ug/l	95
8) Diethyl Ether	3.68	74	20201	23.102	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33274	20.380	ug/l	98
10) Methyl Iodide	4.27	142	40915	19.907	ug/l	98
11) Tert butyl alcohol	5.20	59	19608	122.898	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	29801	19.336	ug/l	95
13) Acrolein	3.90	56	14873	87.845	ug/l	94
14) Allyl chloride	4.66	41	57714	18.102	ug/l	99
15) Acrylonitrile	5.37	53	59283	116.075	ug/l	99
16) Acetone	4.13	43	52563	92.460	ug/l	96
17) Carbon Disulfide	4.37	76	61097	18.675	ug/l	98
18) Methyl Acetate	4.67	43	34186	25.631	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	64935	21.244	ug/l	100
20) Methylene Chloride	4.91	84	38921	21.884	ug/l	84
21) trans-1,2-Dichloroethene	5.42	96	31797	20.219	ug/l	83
22) Diisopropyl ether	6.31	45	122555	19.381	ug/l	96
23) Vinyl Acetate	6.25	43	408780	102.003	ug/l	100
24) 1,1-Dichloroethane	6.21	63	65662	19.285	ug/l	99
25) 2-Butanone	7.17	43	84258	112.416	ug/l	99
26) 2,2-Dichloropropane	7.16	77	38095	17.715	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	36784	20.173	ug/l	94
28) Bromochloromethane	7.51	49	27922	17.860	ug/l #	92
29) Tetrahydrofuran	7.53	42	54311	118.304	ug/l	96
30) Chloroform	7.67	83	64928	19.241	ug/l	97
31) Cyclohexane	7.95	56	59098	19.280	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	53318	19.493	ug/l	98
36) 1,1-Dichloropropene	8.08	75	48521	19.792	ug/l	97
37) Ethyl Acetate	7.24	43	35276	22.572	ug/l	97
38) Carbon Tetrachloride	8.07	117	47275	19.562	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	56812	20.633	ug/l	98
40) Benzene	8.32	78	136836	20.117	ug/l	97
41) Methacrylonitrile	7.48	41	22016	22.971	ug/l	95
42) 1,2-Dichloroethane	8.40	62	48710	20.348	ug/l	98
43) Isopropyl Acetate	8.42	43	66379	22.419	ug/l	98
44) Trichloroethene	9.09	130	36303	20.705	ug/l	82
45) 1,2-Dichloropropane	9.37	63	36560	19.379	ug/l	94
46) Dibromomethane	9.46	93	19216	21.510	ug/l	97
47) Bromodichloromethane	9.64	83	47504	19.328	ug/l	100
48) Methyl methacrylate	9.43	41	31416	22.202	ug/l	99
49) 1,4-Dioxane	9.47	88	8594	487.012	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	184574	118.799	ug/l	100
52) Toluene	10.38	92	85374	20.110	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	49514	19.592	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	54378	18.967	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29637	22.159	ug/l	99
56) Ethyl methacrylate	10.65	69	44165	22.559	ug/l	95
57) 1,3-Dichloropropane	10.93	76	51759	20.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	118229	113.753	ug/l	97
59) 2-Hexanone	10.97	43	126569	111.507	ug/l	99
60) Dibromochloromethane	11.13	129	31503	20.028	ug/l	96
61) 1,2-Dibromoethane	11.23	107	27134	22.129	ug/l	98
64) Tetrachloroethene	10.86	164	33262	22.875	ug/l	97
65) Chlorobenzene	11.66	112	91970	20.306	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	33855	20.071	ug/l	97
67) Ethyl Benzene	11.73	91	172249	20.269	ug/l	98
68) m/p-Xylenes	11.84	106	123125	40.140	ug/l	99
69) o-Xylene	12.16	106	58773	20.309	ug/l	98
70) Styrene	12.18	104	103325	20.206	ug/l	98
71) Bromoform	12.35	173	20403	21.772	ug/l #	99
73) Isopropylbenzene	12.46	105	174736	20.476	ug/l	98
74) N-amyl acetate	12.27	43	58171	21.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	39248	22.901	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31131m	25.588	ug/l	
77) Bromobenzene	12.74	156	40240	20.813	ug/l	96
78) n-propylbenzene	12.80	91	200533	19.648	ug/l	99
79) 2-Chlorotoluene	12.89	91	116244	19.840	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	144039	20.031	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11665	20.279	ug/l	98
82) 4-Chlorotoluene	12.99	91	119592	19.296	ug/l	99
83) tert-Butylbenzene	13.21	119	130194	20.477	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	144254	19.909	ug/l	99
85) sec-Butylbenzene	13.38	105	176972	20.058	ug/l	98
86) p-Isopropyltoluene	13.49	119	160550	19.922	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	77105	20.290	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	77246	20.428	ug/l	99
89) n-Butylbenzene	13.82	91	147723	18.881	ug/l	100
90) Hexachloroethane	14.09	117	27407	19.481	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	69358	20.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7309	23.304	ug/l	97

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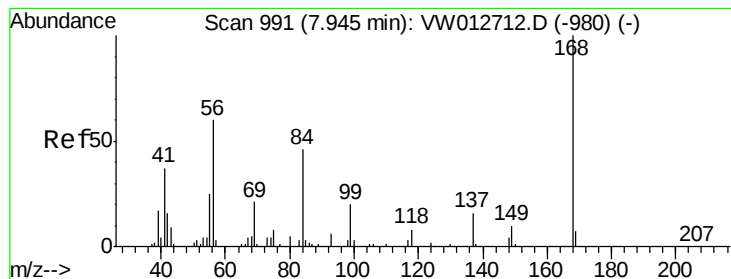
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	49975	20.986	ug/l	94
94) Hexachlorobutadiene	15.23	225	33622	20.398	ug/l	95
95) Naphthalene	15.36	128	103018	23.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	46247	22.001	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion:168 Resp: 186632

Ion Ratio Lower Upper

168 100

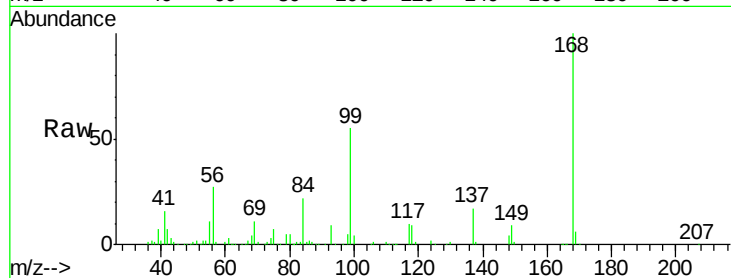
99 54.8 47.8 71.6

Manual Integrations

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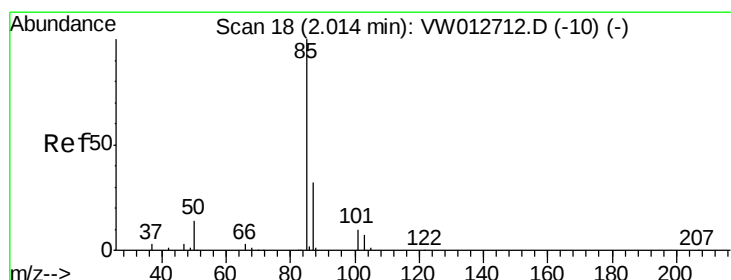
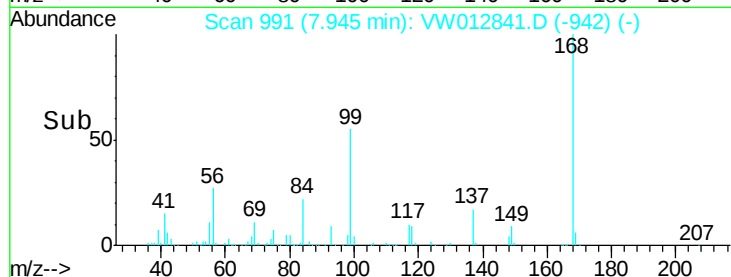
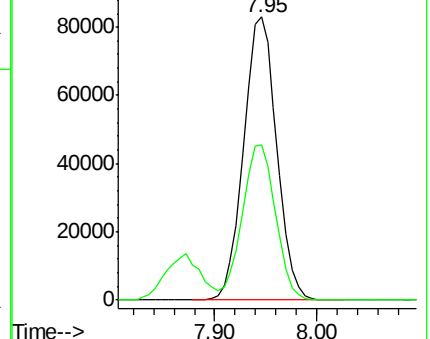
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.915 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012841.D

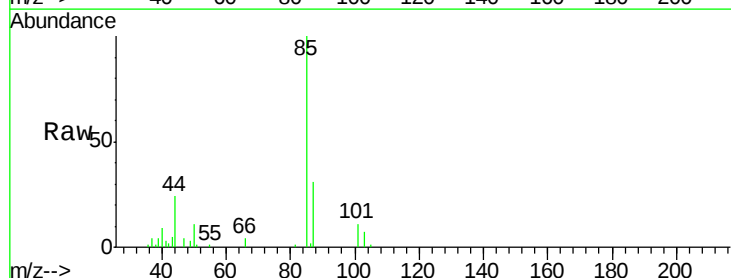
Acq: 10 Sep 2019 00:37

Tgt Ion: 85 Resp: 18126

Ion Ratio Lower Upper

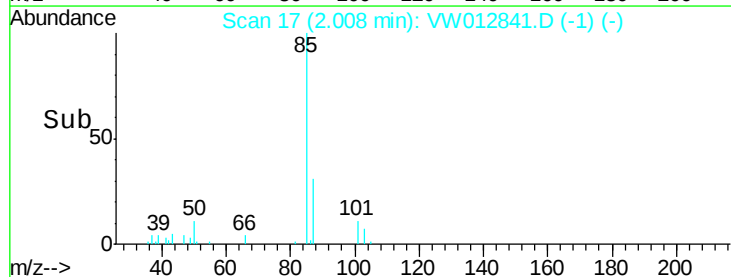
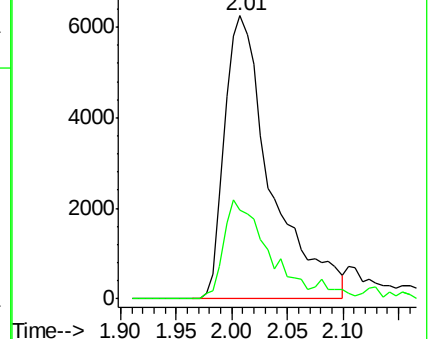
85 100

87 31.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.774 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 50 Resp: 24314

Ion Ratio Lower Upper

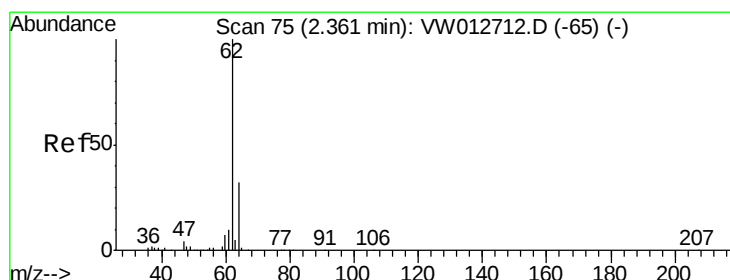
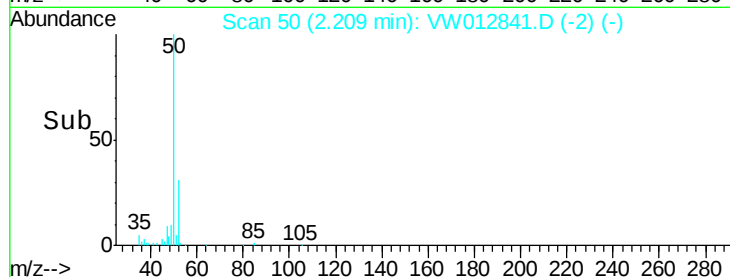
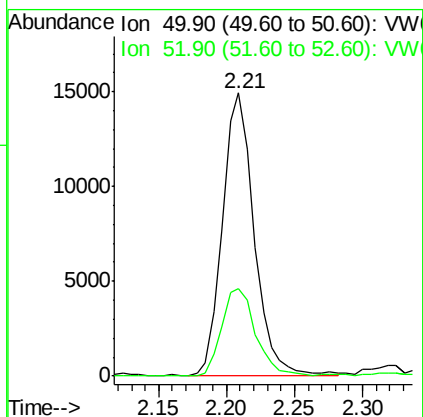
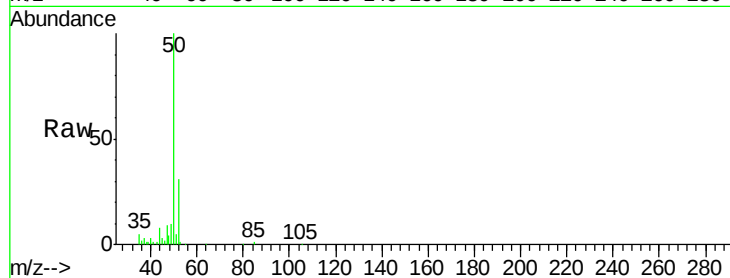
50 100

52 31.1 24.2 36.2

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#4

Vinyl Chloride

Concen: 20.532 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012841.D

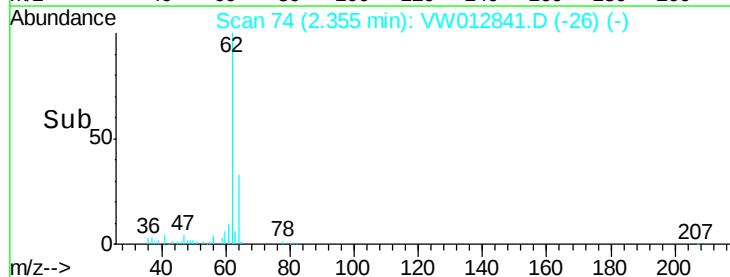
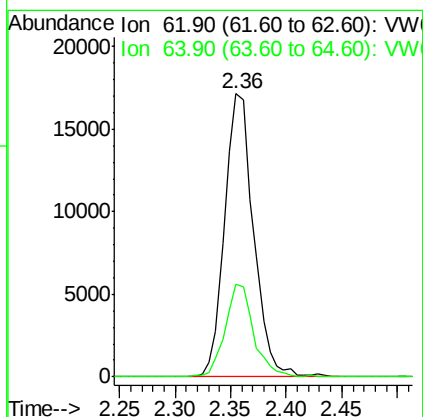
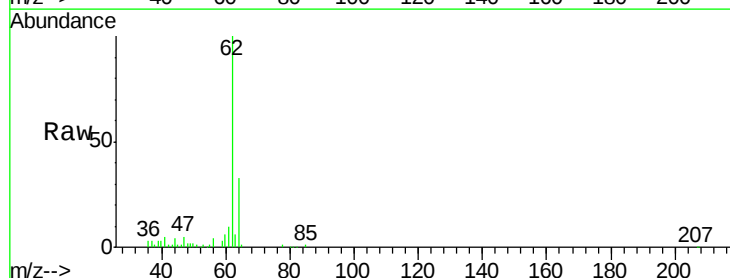
Acq: 10 Sep 2019 00:37

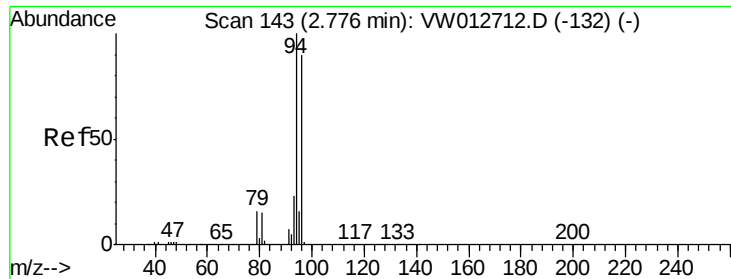
Tgt Ion: 62 Resp: 30955

Ion Ratio Lower Upper

62 100

64 32.8 25.3 37.9





#5

Bromomethane

Concen: 22.686 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 94 Resp: 18573

Ion Ratio Lower Upper

94 100

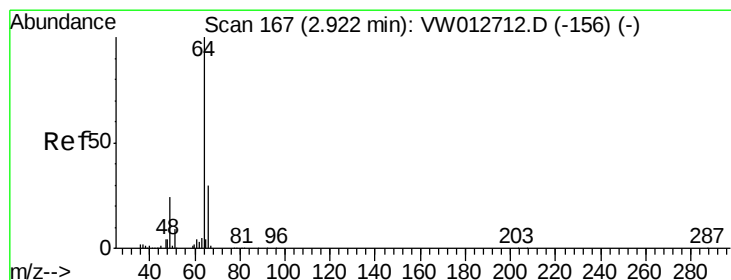
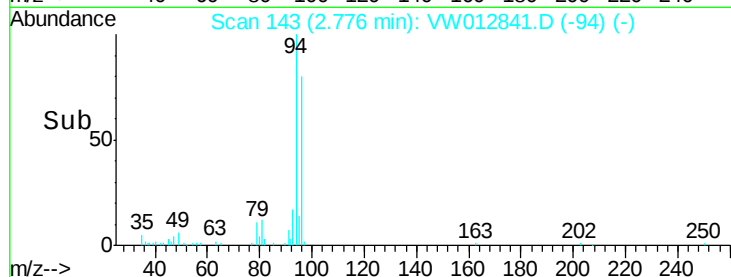
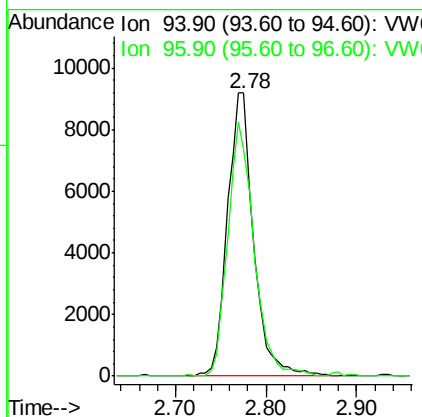
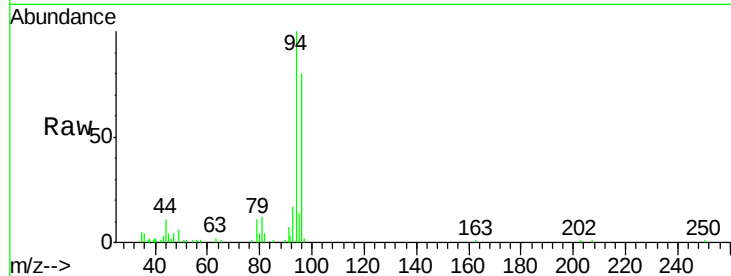
96 79.2 72.1 108.1

Manual Integrations

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#6

Chloroethane

Concen: 20.046 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012841.D

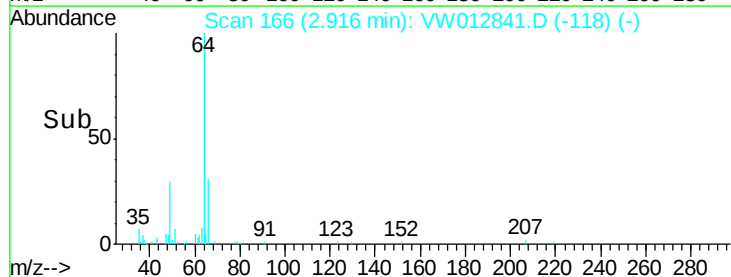
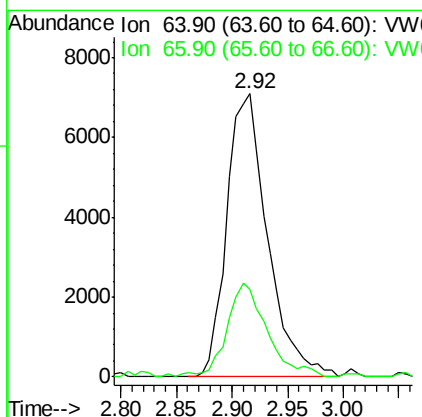
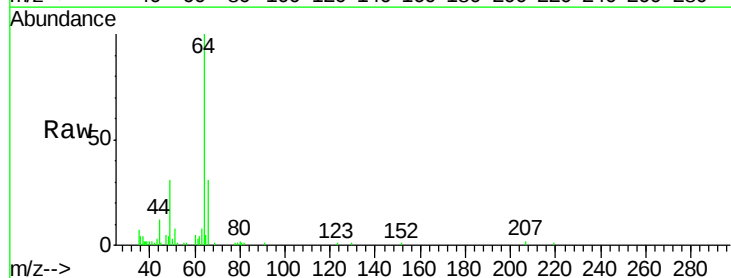
Acq: 10 Sep 2019 00:37

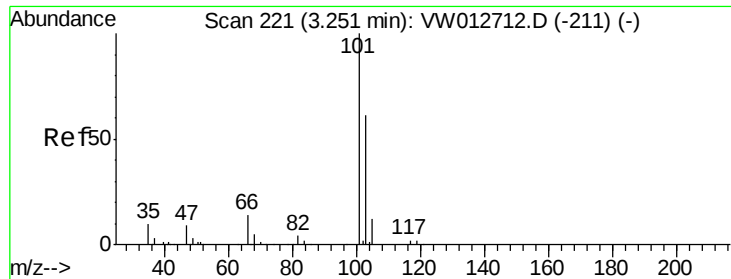
Tgt Ion: 64 Resp: 18035

Ion Ratio Lower Upper

64 100

66 31.1 23.8 35.6





#7

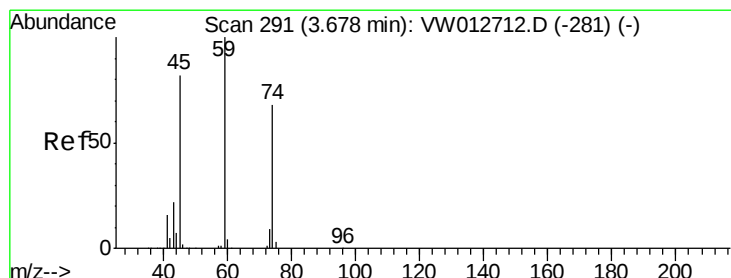
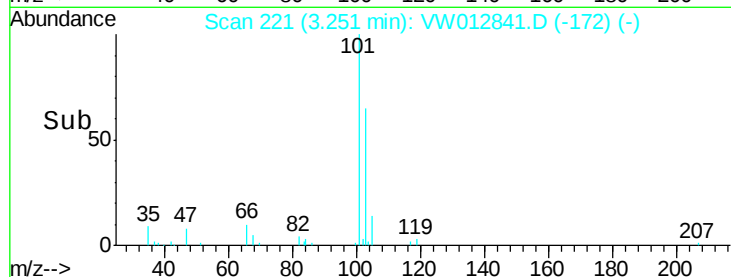
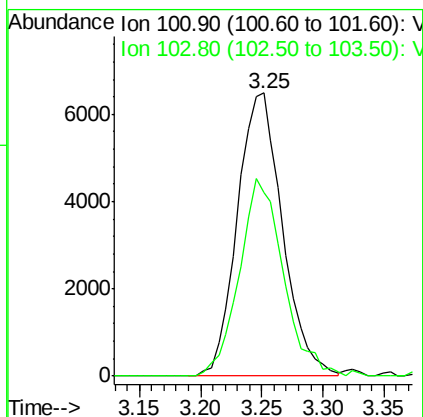
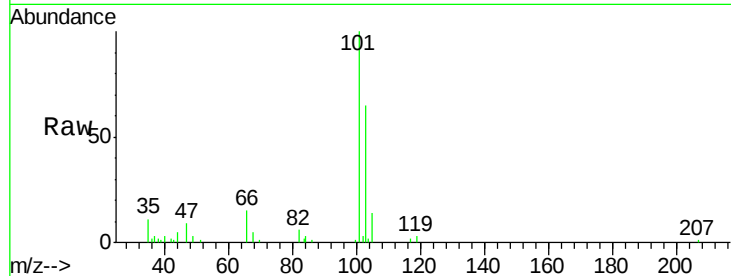
Trichlorofluoromethane
Concen: 15.994 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	49.0	73.4

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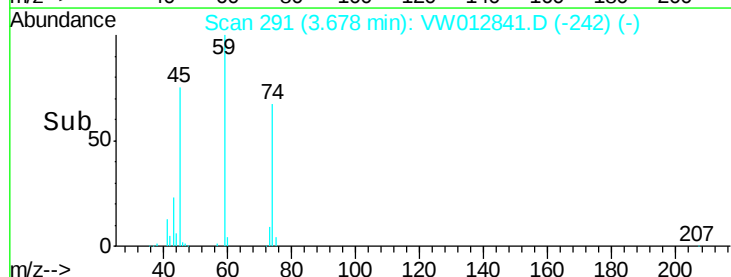
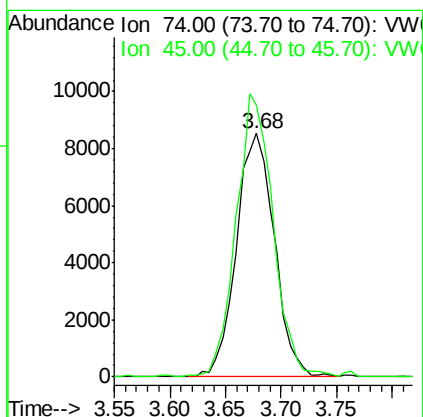
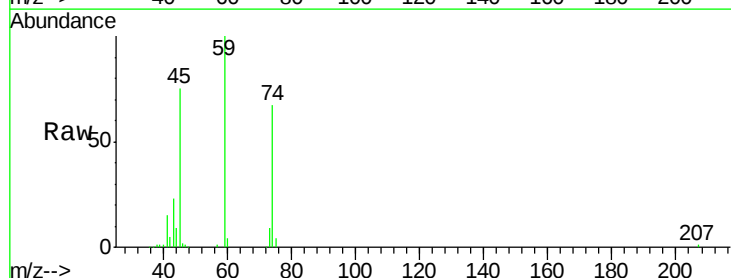
MMDadoda
9/11/2019 8:15:46 AM

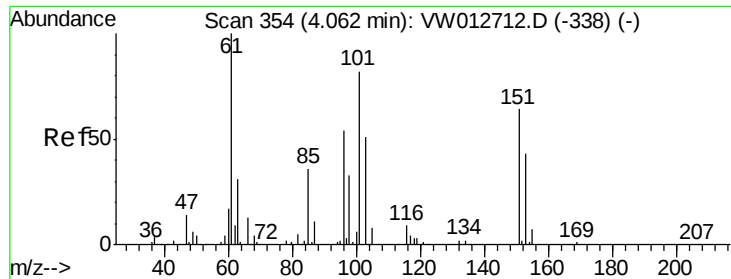


#8

Diethyl Ether
Concen: 23.102 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.3	58.8	176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.380 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

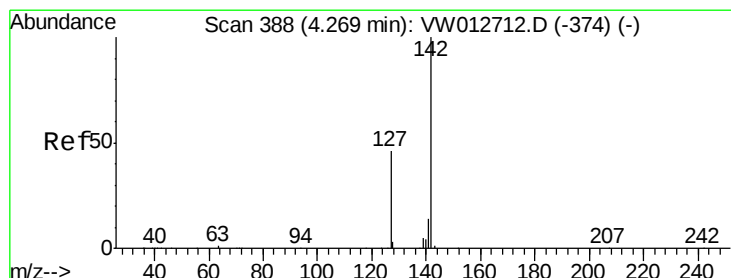
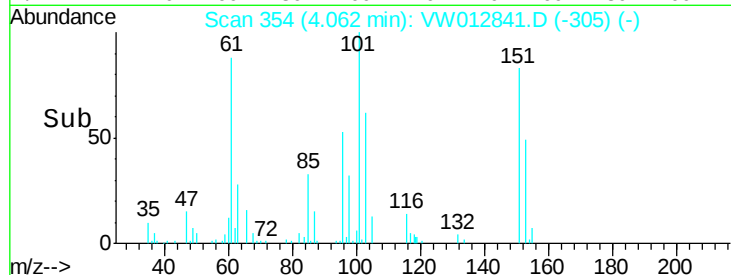
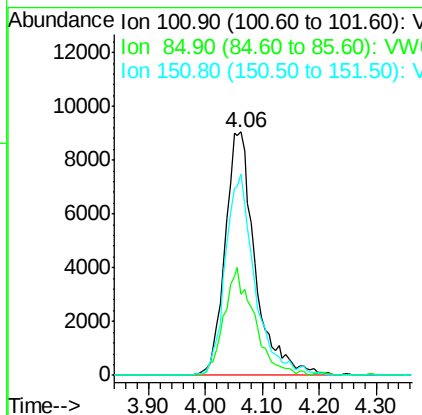
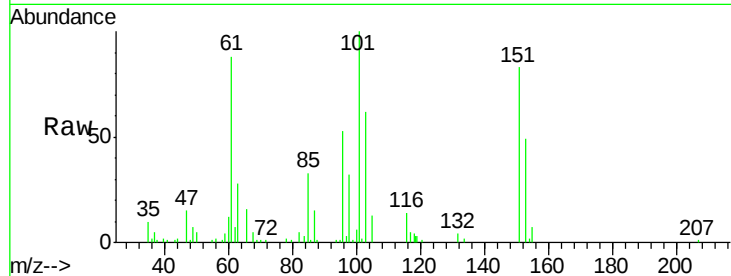
ClientSampleId :

VW0909SBS02

Tot Ion:	101	Resp:	33274
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.2	54.2
151	79.5	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.907 ug/l

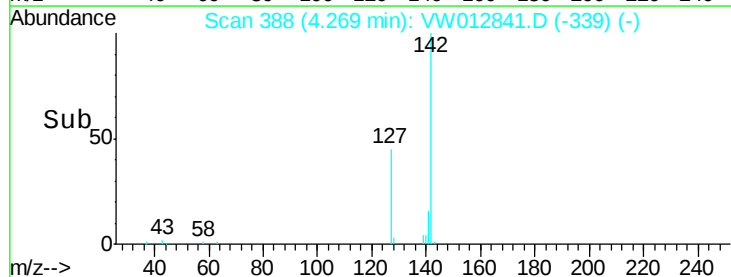
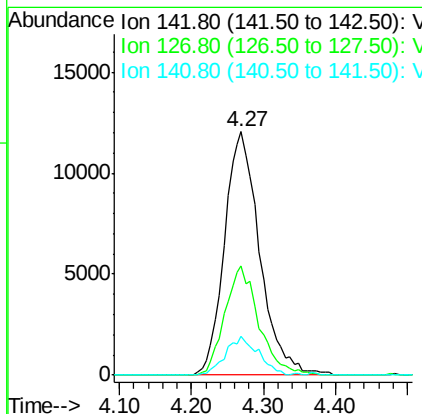
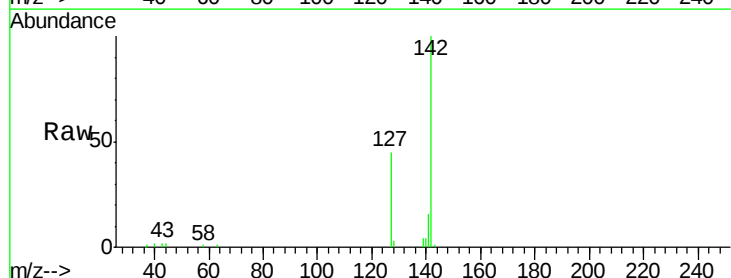
RT: 4.27 min Scan# 388

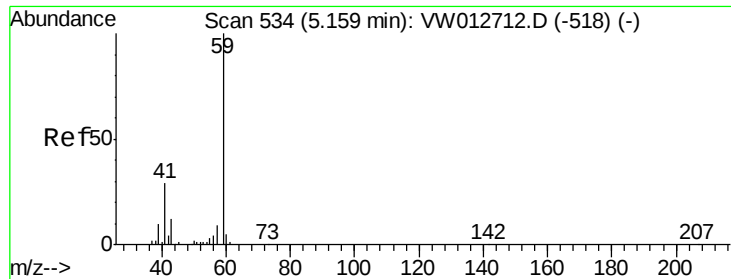
Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Tgt Ion:	142	Resp:	40915
Ion Ratio	Lower	Upper	
142	100		
127	43.3	36.0	54.0
141	14.7	12.2	18.4





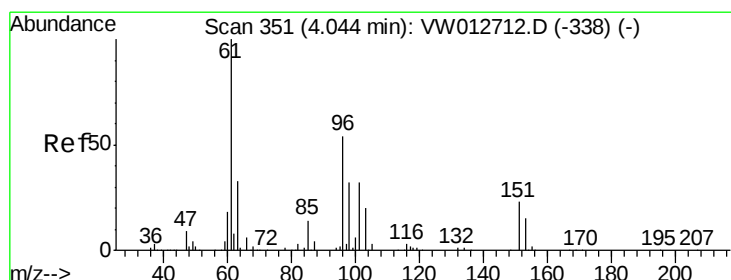
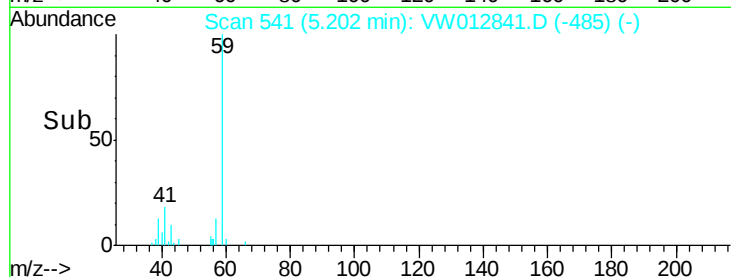
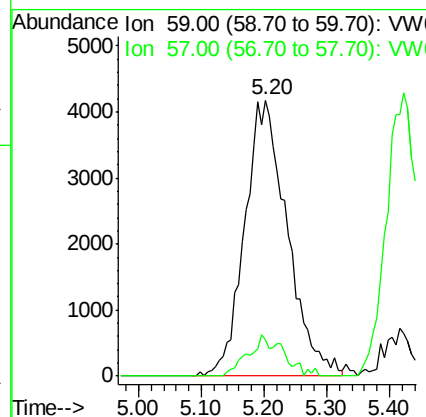
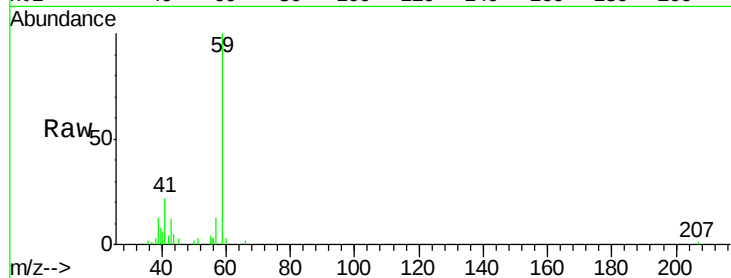
#11
Tert butyl alcohol
Concen: 122.898 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.04 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion: 59 Resp: 19608
Ion Ratio Lower Upper
59 100
57 7.2 8.2 12.4#

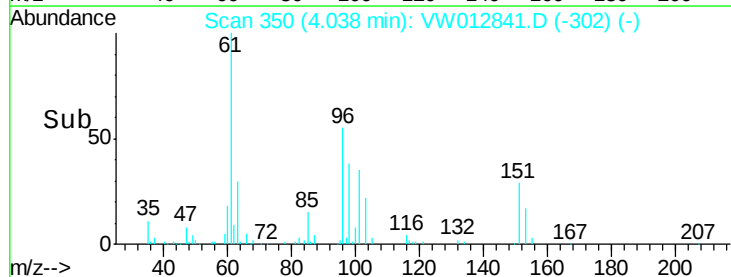
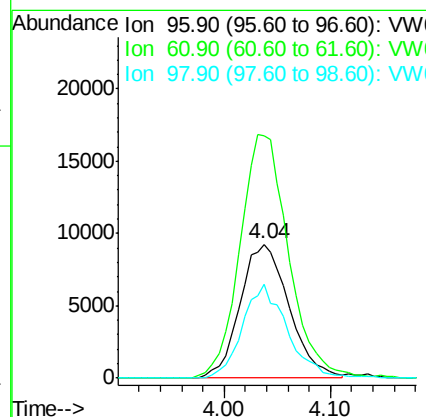
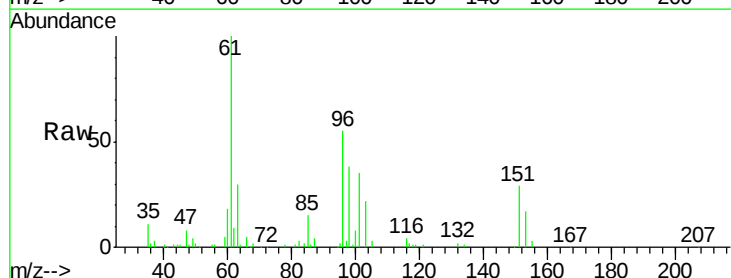
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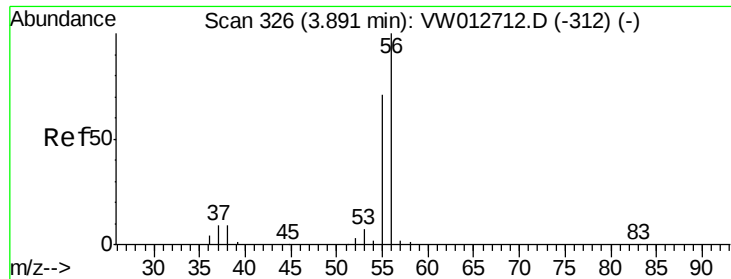
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#12
1,1-Dichloroethene
Concen: 19.336 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion: 96 Resp: 29801
Ion Ratio Lower Upper
96 100
61 180.5 147.8 221.6
98 69.6 47.9 71.9





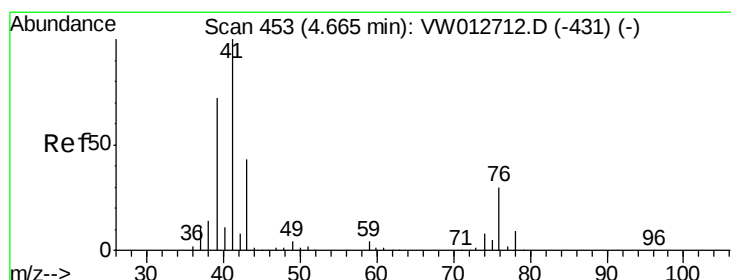
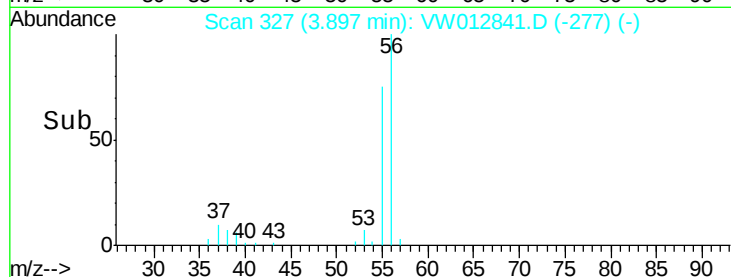
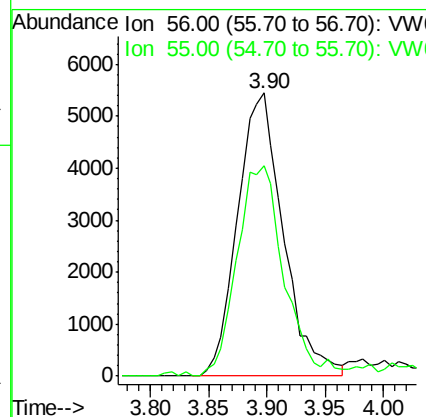
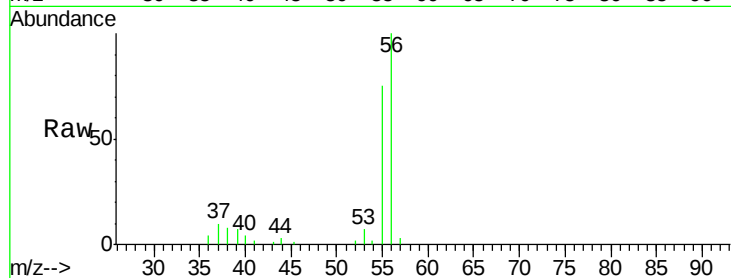
#13
Acrolein
Concen: 87.845 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	56	55	Ratio	100	Resp	Lower	Upper
14873							
	56	55	100	76.3		56.9	85.3

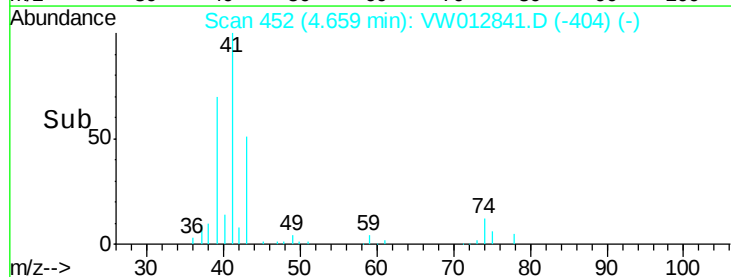
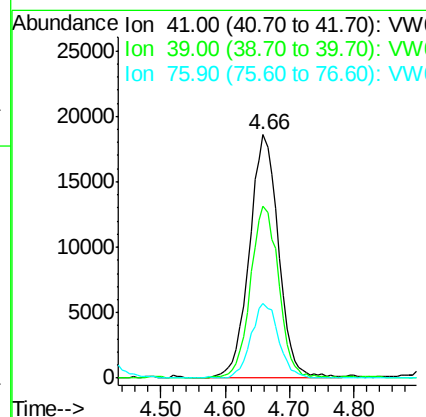
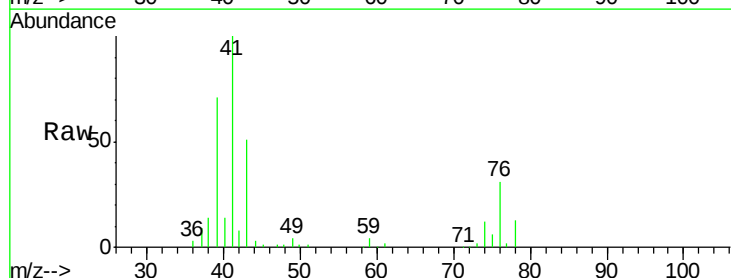
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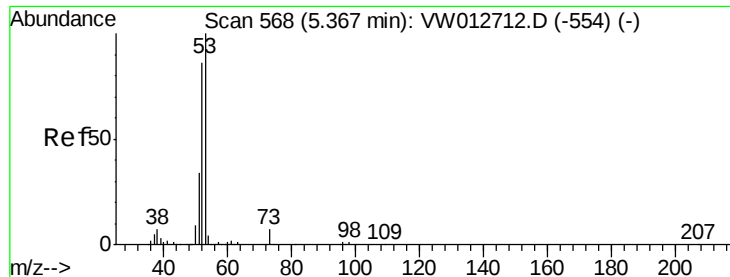
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#14
Allyl chloride
Concen: 18.102 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	41	39	76	Ratio	100	Resp	Lower	Upper
57714								
	41	39	76	100	68.2	28.8	55.0	82.6
							23.0	34.4





#15

Acrylonitrile

Concen: 116.075 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

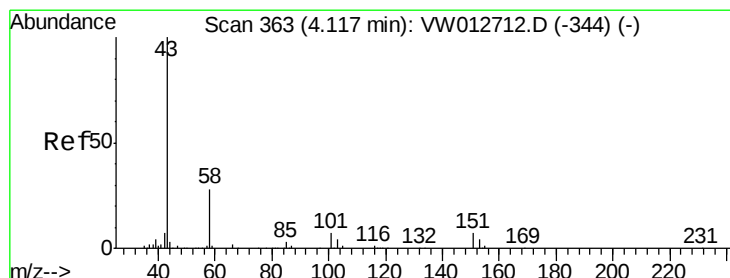
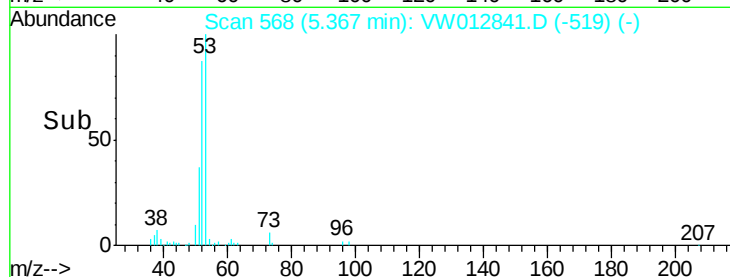
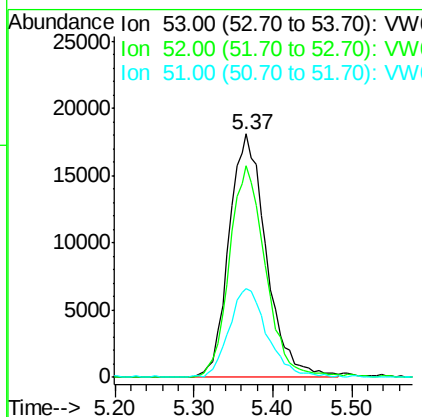
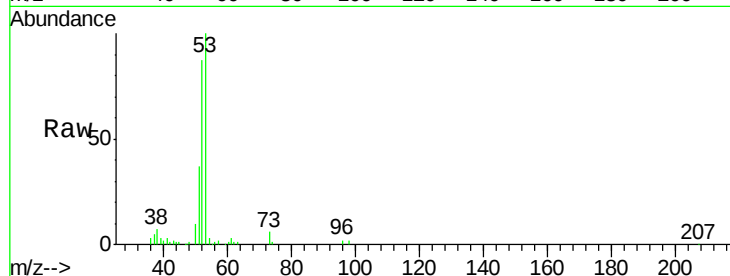
ClientSampleId :

VW0909SBS02

Tot Ion:	53	Resp:	59283
Ion	Ratio	Lower	Upper
53	100		
52	84.4	67.0	100.4
51	37.8	29.8	44.8

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#16

Acetone

Concen: 92.460 ug/l

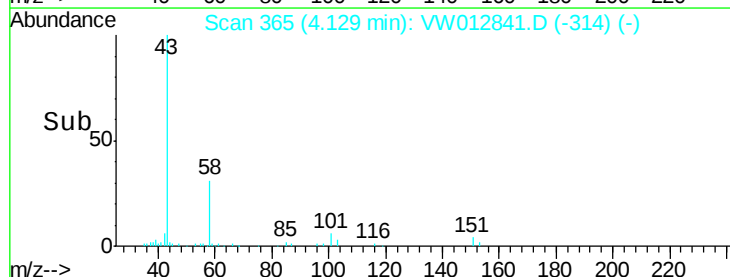
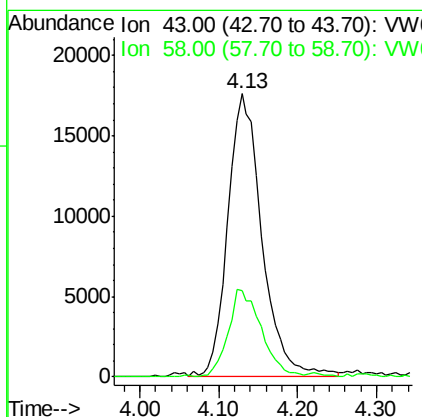
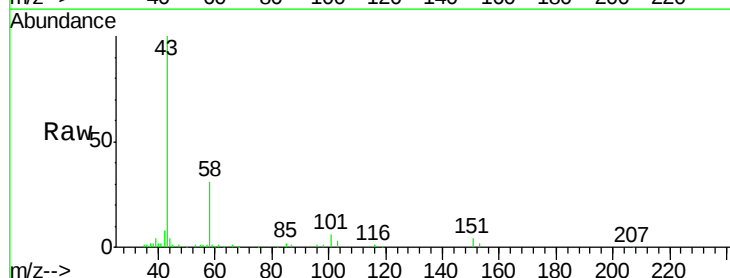
RT: 4.13 min Scan# 365

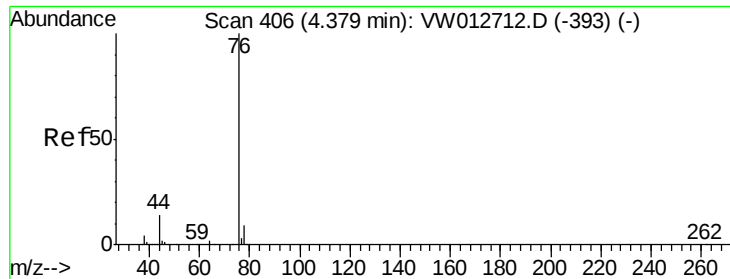
Delta R.T. 0.01 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Tgt Ion:	43	Resp:	52563
Ion	Ratio	Lower	Upper
43	100		
58	30.4	22.6	33.8





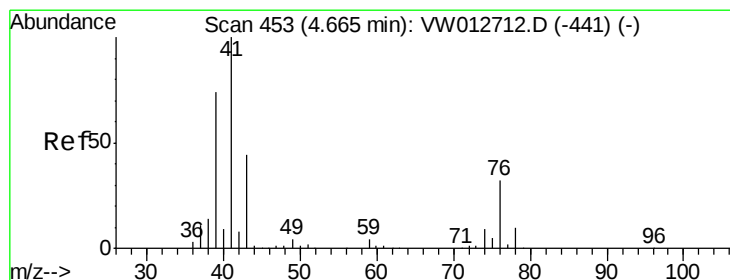
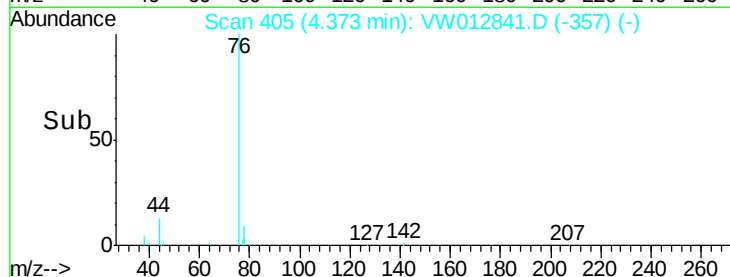
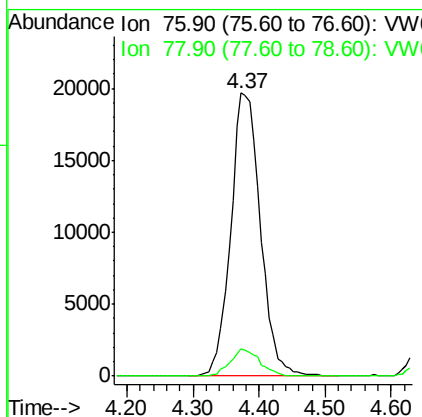
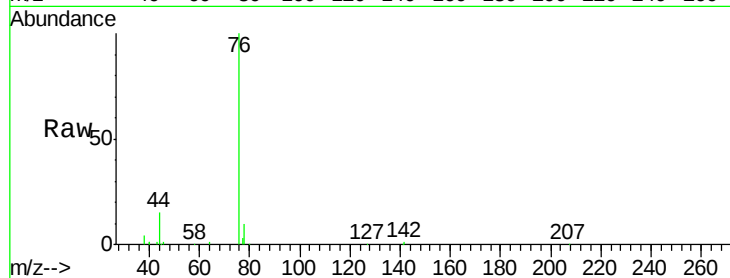
#17
Carbon Disulfide
Concen: 18.675 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8

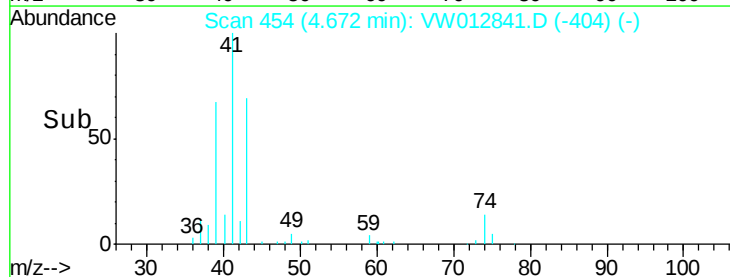
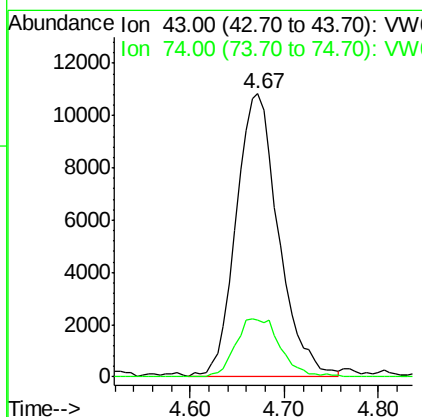
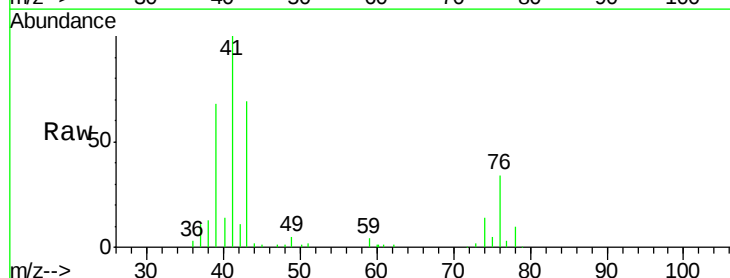
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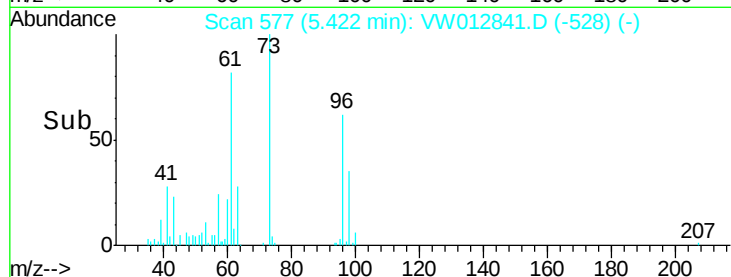
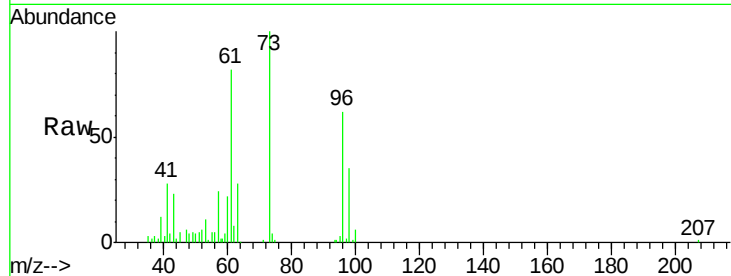
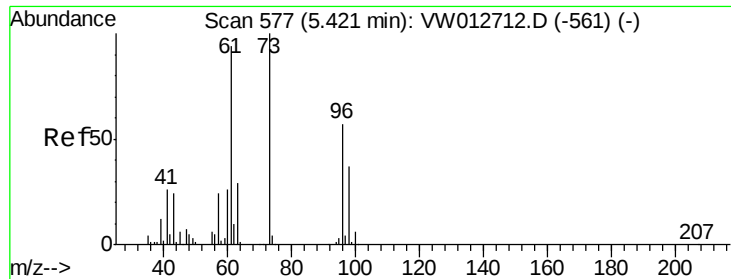
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#18
Methyl Acetate
Concen: 25.631 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	15.8	23.6





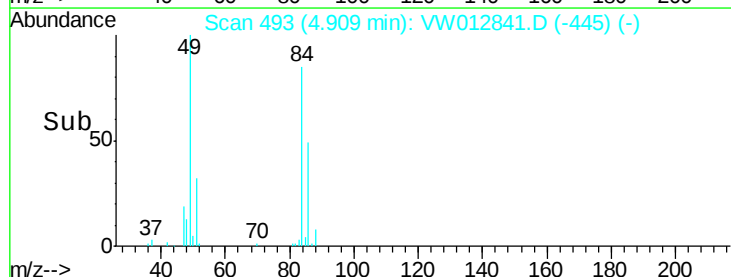
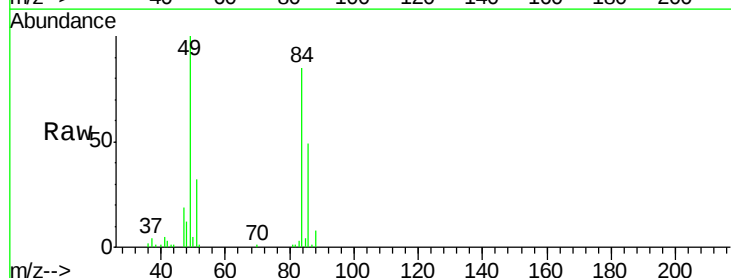
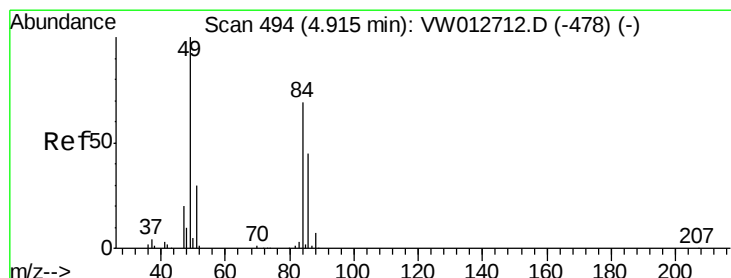
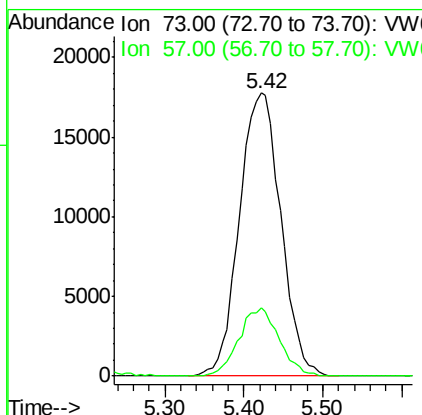
#19
Methyl tert-butyl Ether
Concen: 21.244 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tot Ion: 73 Resp: 64935
Ion Ratio Lower Upper
73 100
57 24.1 19.2 28.8

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

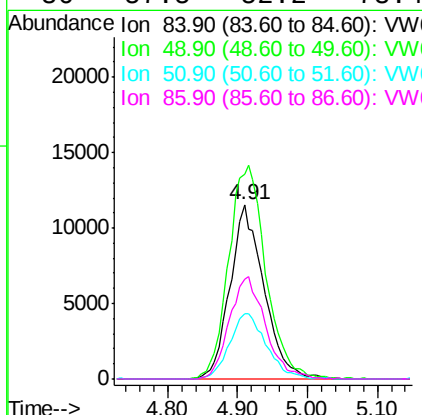
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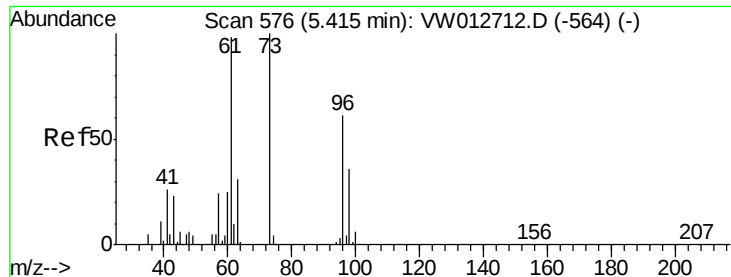
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#20
Methylene Chloride
Concen: 21.884 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion: 84 Resp: 38921
Ion Ratio Lower Upper
84 100
49 117.8 115.4 173.0
51 37.4 34.9 52.3
86 57.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.219 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 96 Resp: 31797

Ion Ratio Lower Upper

96 100

61 133.7 129.2 193.8

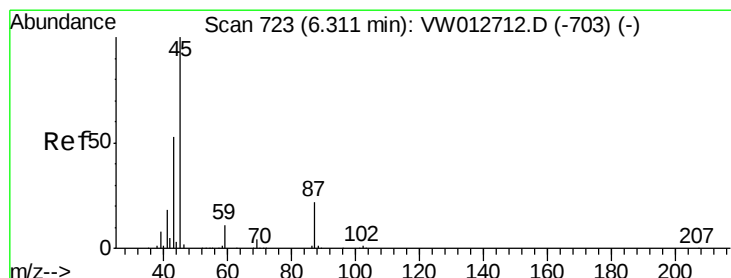
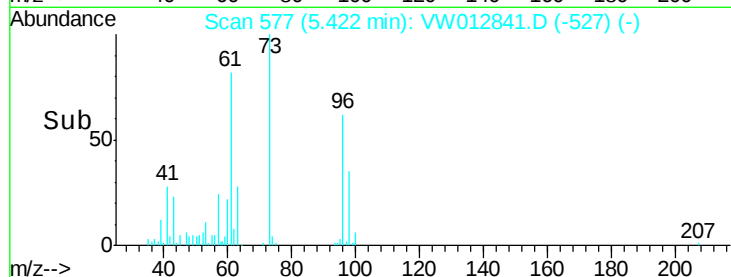
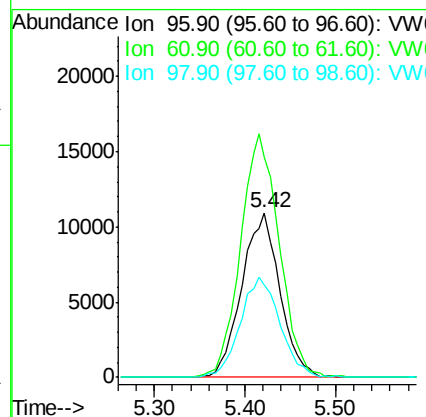
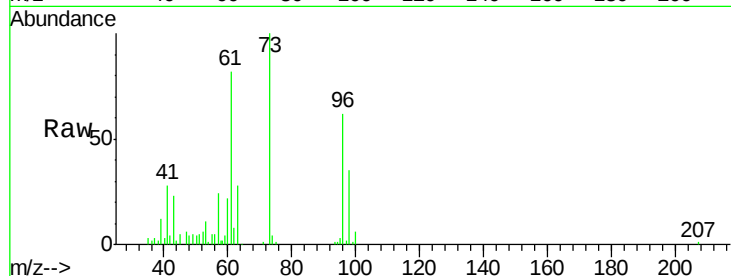
98 56.1 48.0 72.0

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#22

Diisopropyl ether

Concen: 19.381 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Tgt Ion: 45 Resp: 122555

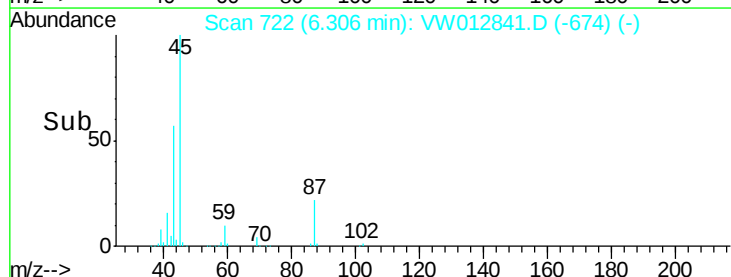
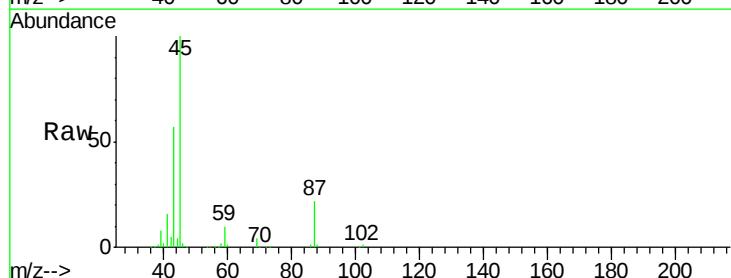
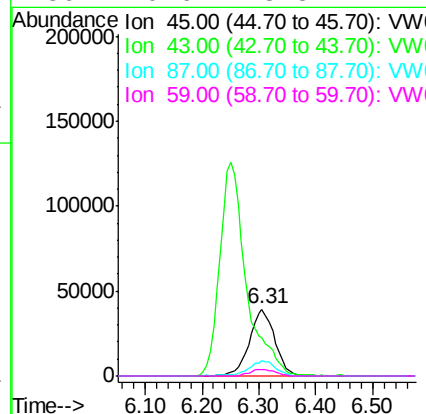
Ion Ratio Lower Upper

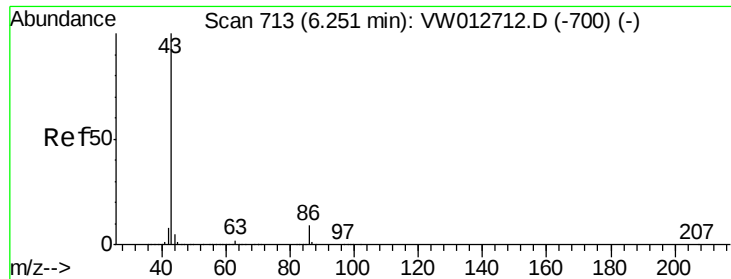
45 100

43 56.8 42.3 63.5

87 22.3 18.2 27.2

59 9.6 8.5 12.7





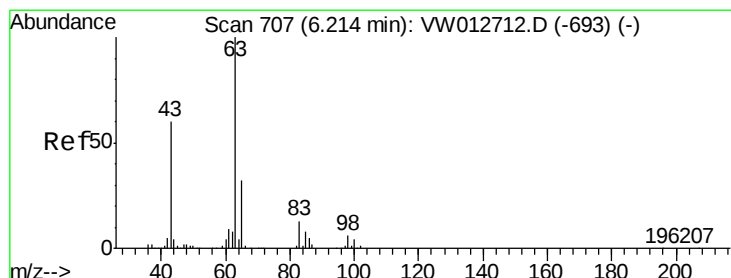
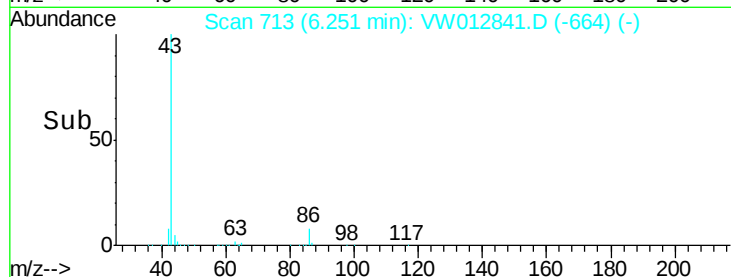
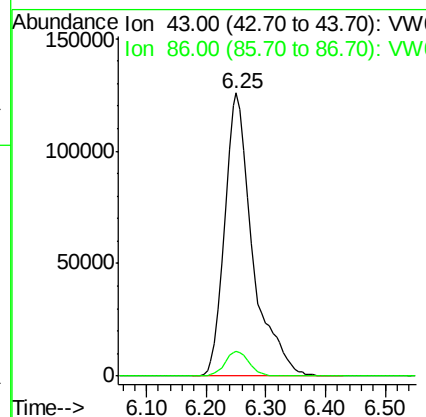
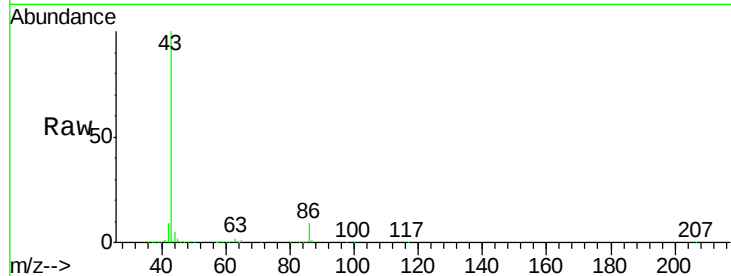
#23
 Vinyl Acetate
 Concen: 102.003 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
43	100	408780		
86	8.8		7.0	10.6

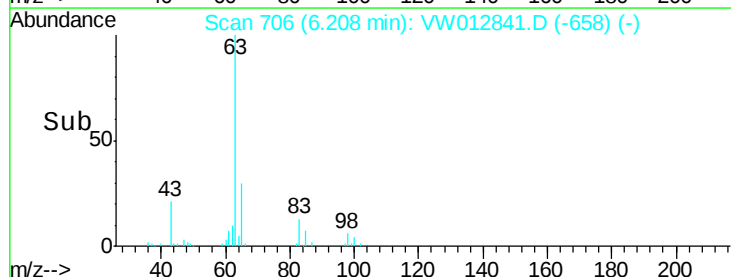
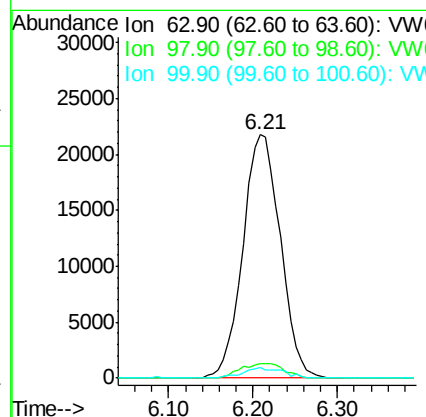
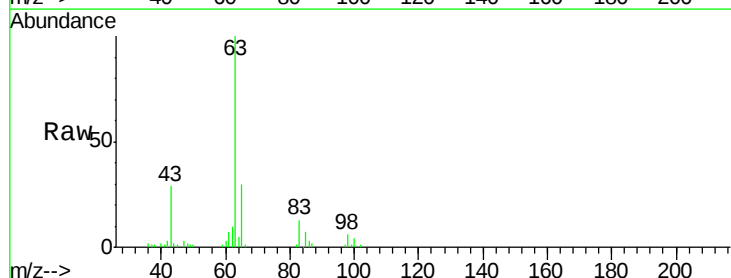
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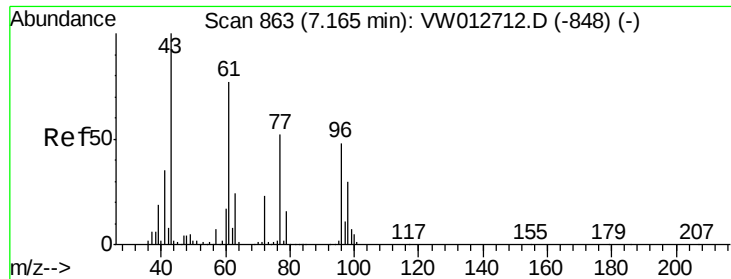
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#24
 1,1-Dichloroethane
 Concen: 19.285 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	65662		
98	6.2		3.1	9.3
100	4.1		1.8	5.5





#25

2-Butanone

Concen: 112.416 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 43 Resp: 84258

Ion Ratio Lower Upper

43 100

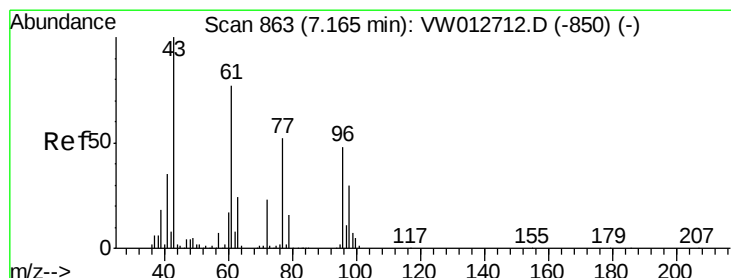
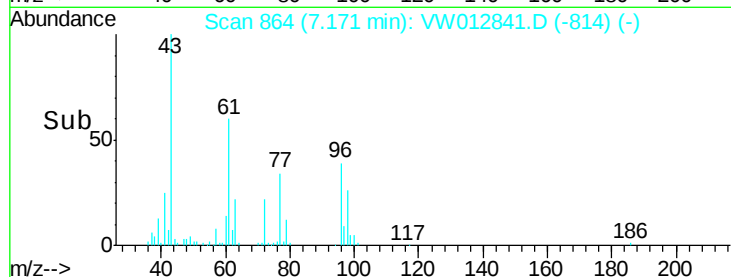
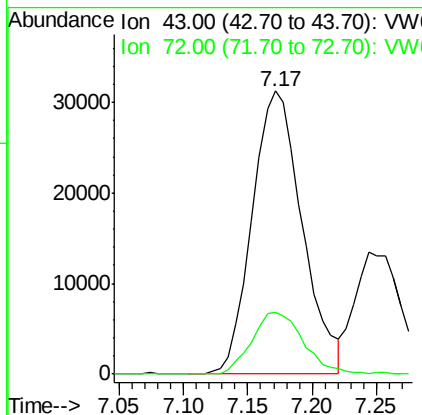
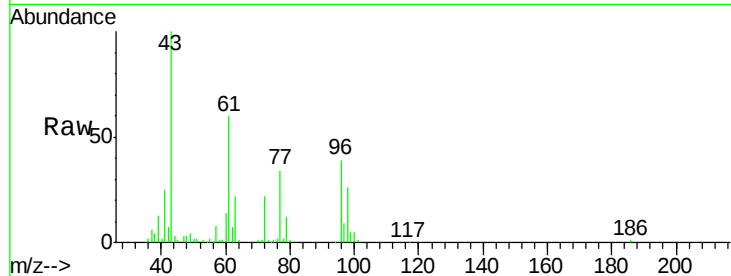
72 22.0 18.0 27.0

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#26

2,2-Dichloropropane

Concen: 17.715 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012841.D

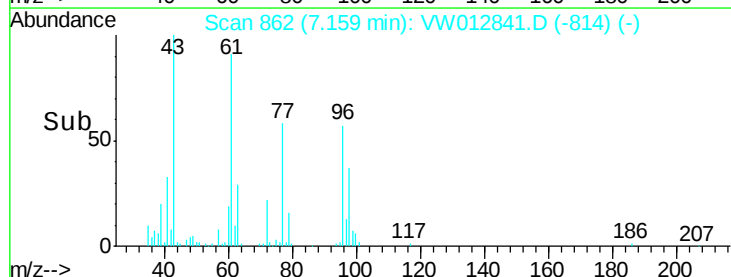
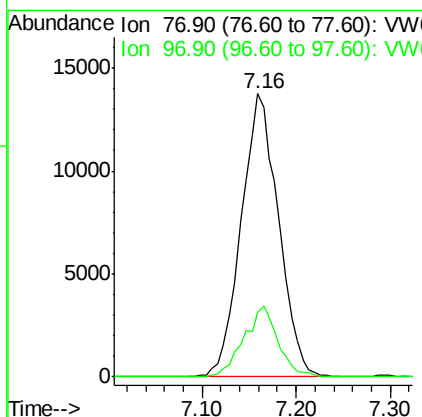
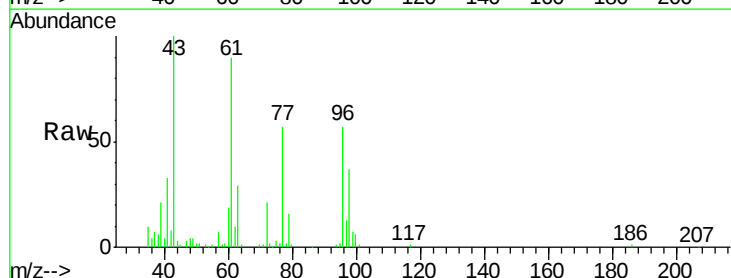
Acq: 10 Sep 2019 00:37

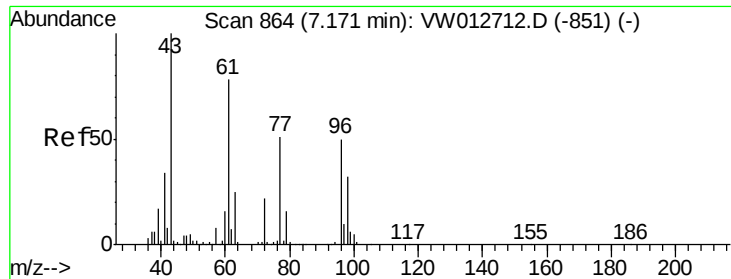
Tgt Ion: 77 Resp: 38095

Ion Ratio Lower Upper

77 100

97 22.9 10.7 32.1





#27

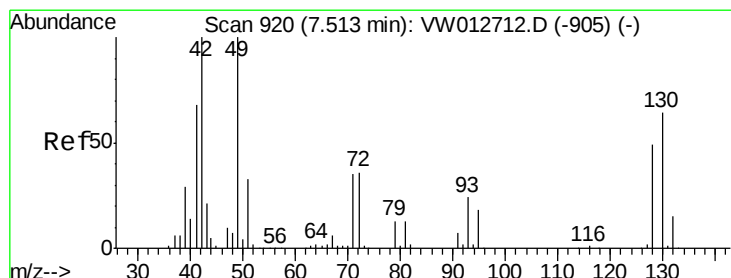
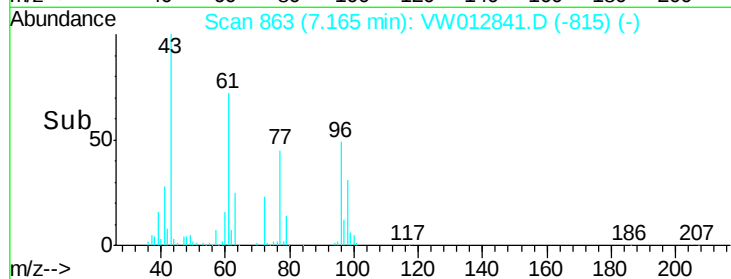
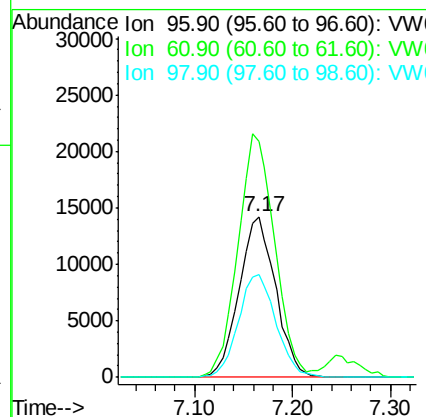
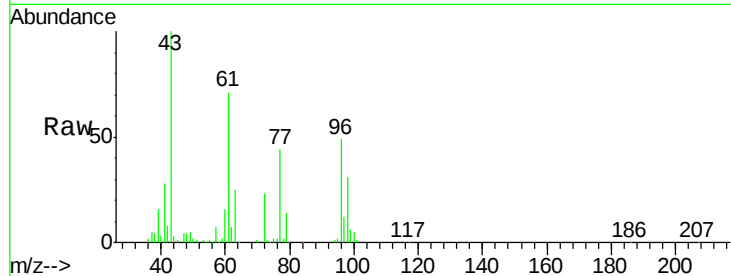
cis-1,2-Dichloroethene
 Concen: 20.173 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	36784		
61	152.5	0.0	325.8	
98	65.9	0.0	127.0	

Manual Integrations
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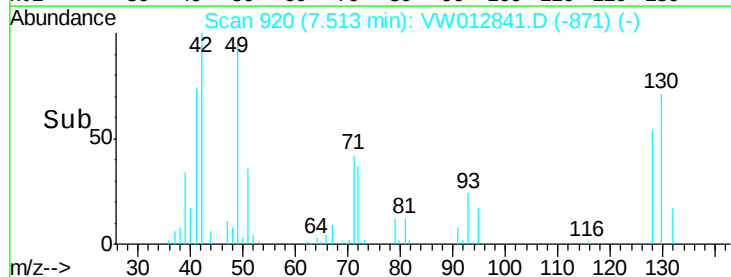
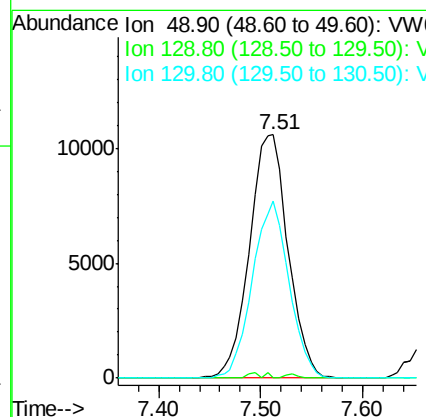
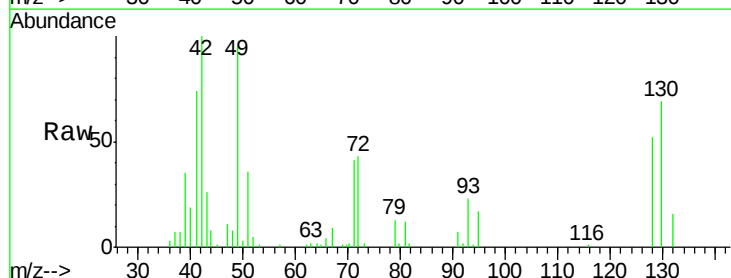
MMDadoda
 9/11/2019 8:15:46 AM



#28

Bromochloromethane
 Concen: 17.860 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	27922		
129	0.8	0.0	0.8#	
130	68.8	49.8	74.8	





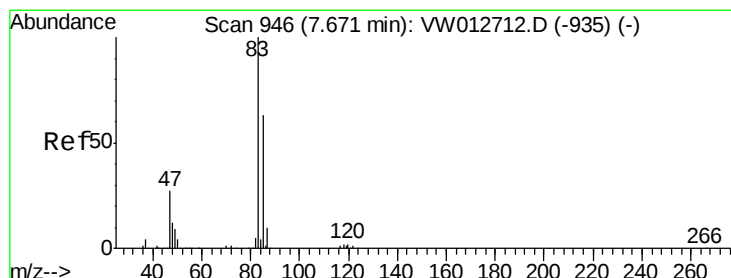
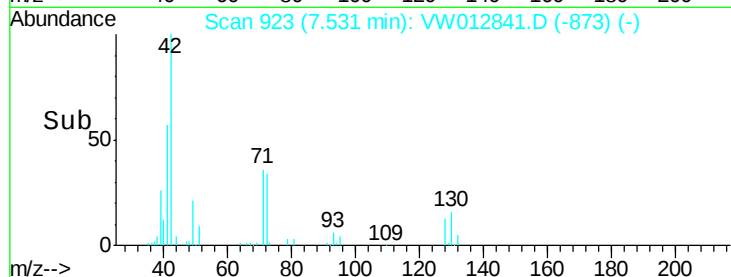
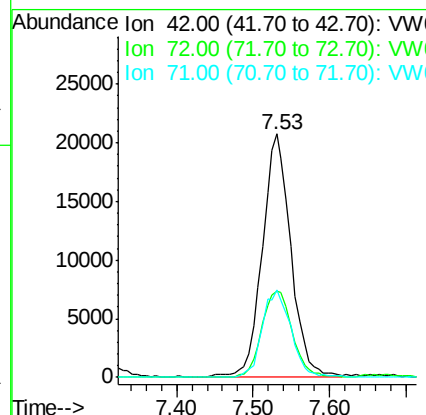
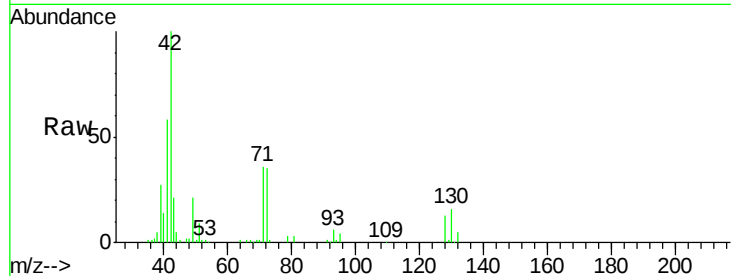
#29
Tetrahydrofuran
Concen: 118.304 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	28.4	42.6
71	36.1	27.1	40.7

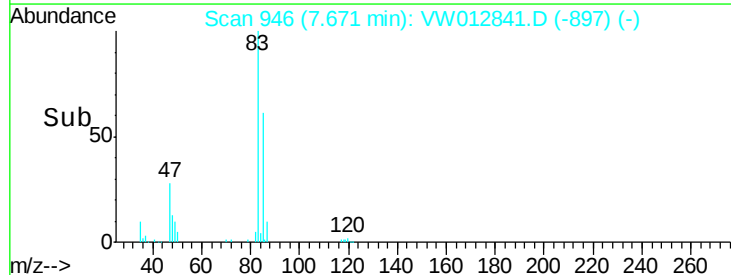
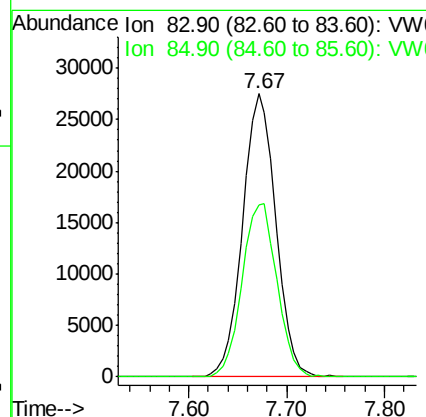
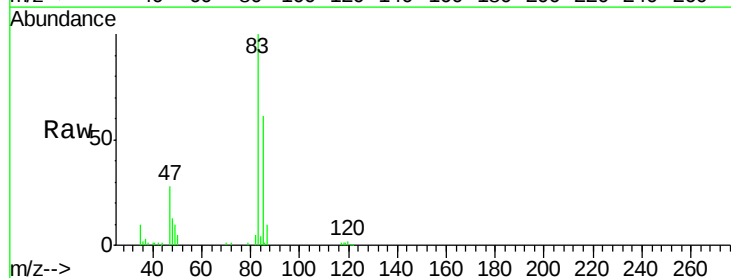
Manual Integrations
APPROVED

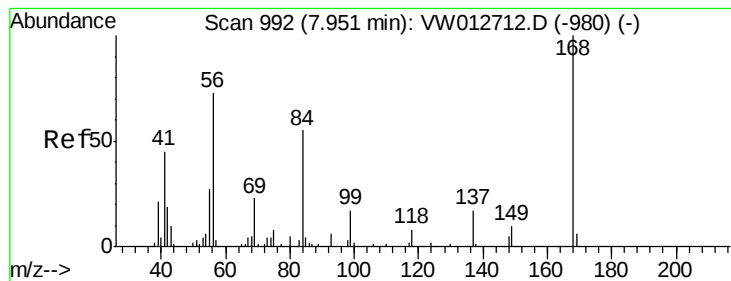
MMDadoda
9/11/2019 8:15:46 AM



#30
Chloroform
Concen: 19.241 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.6	76.0





#31

Cyclohexane

Concen: 19.280 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

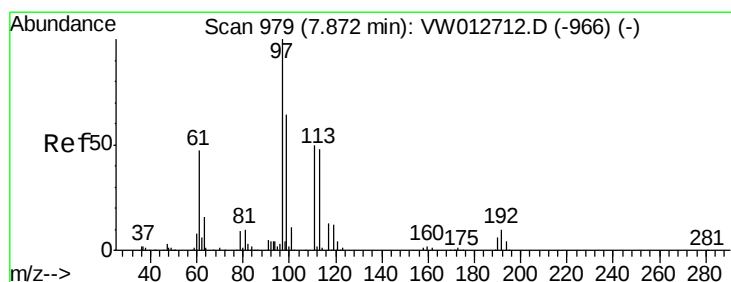
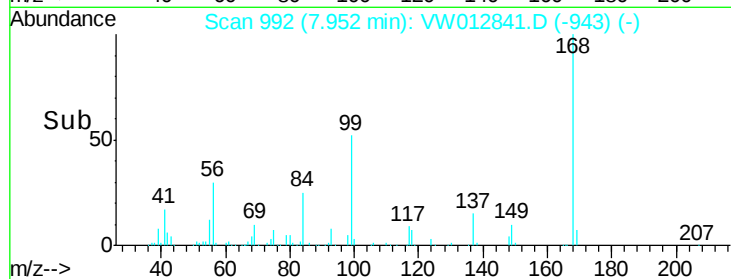
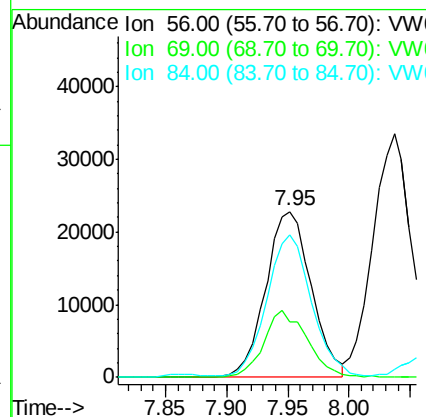
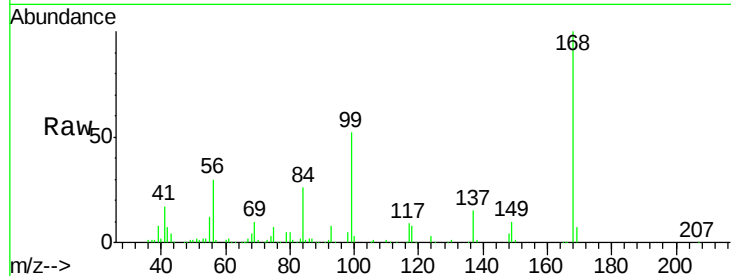
ClientSampleId :

VW0909SBS02

Tot Ion:	56	Resp:	59098
Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.7	38.5
84	84.4	60.4	90.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.493 ug/l

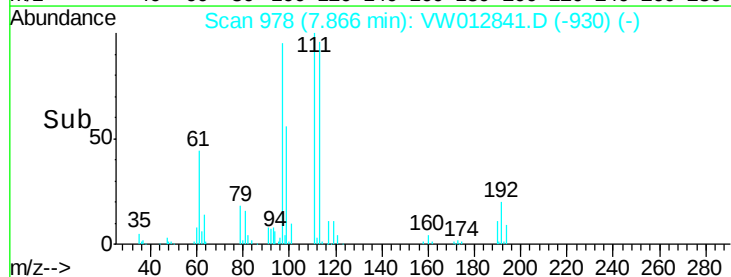
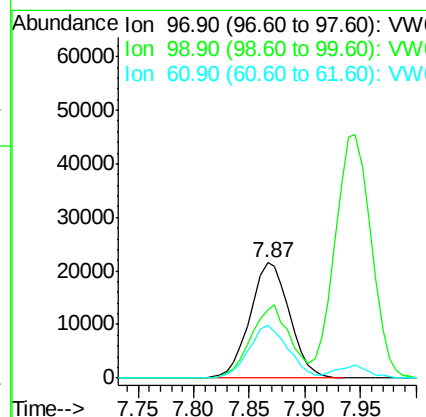
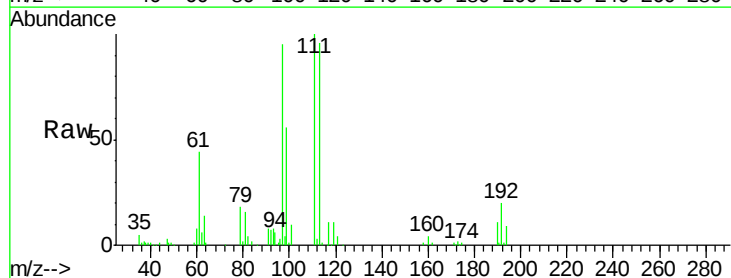
RT: 7.87 min Scan# 978

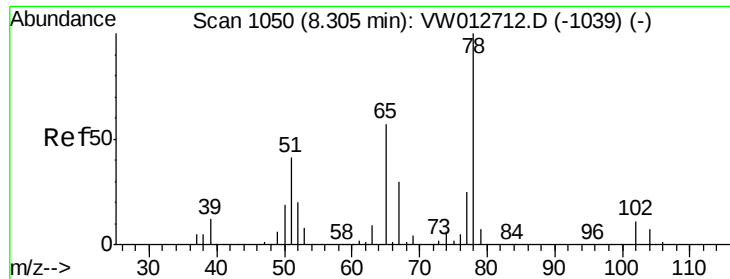
Delta R.T. -0.01 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Tgt Ion:	97	Resp:	53318
Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.5	77.3
61	46.2	37.9	56.9





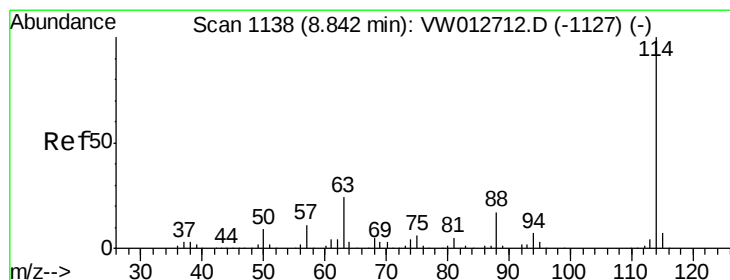
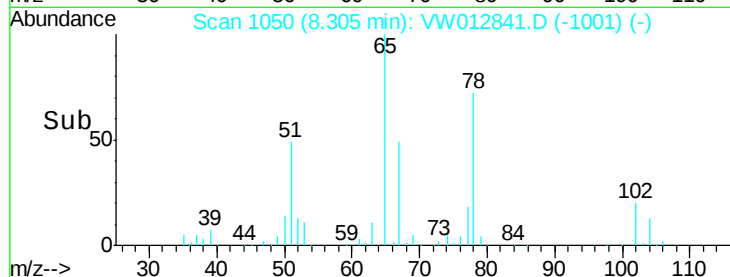
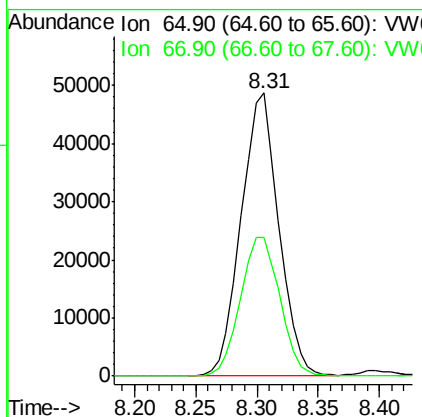
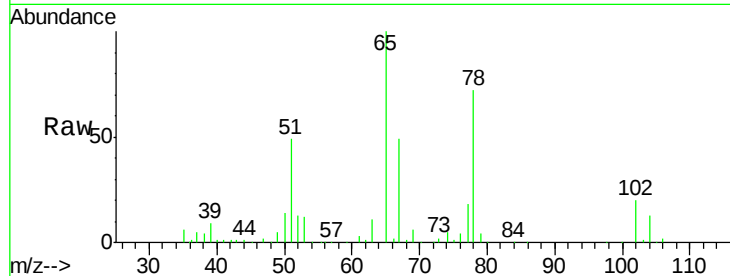
#33
 1,2-Dichloroethane-d4
 Concen: 50.185 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	104650		
67	51.2	0.0	101.8	

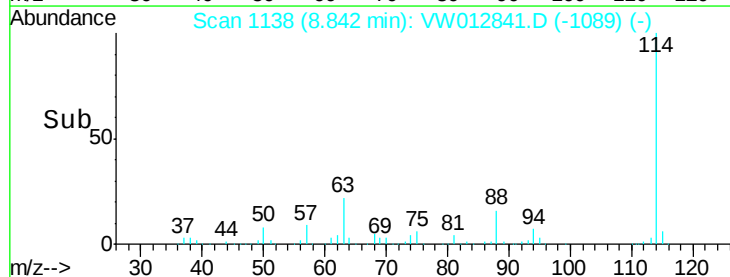
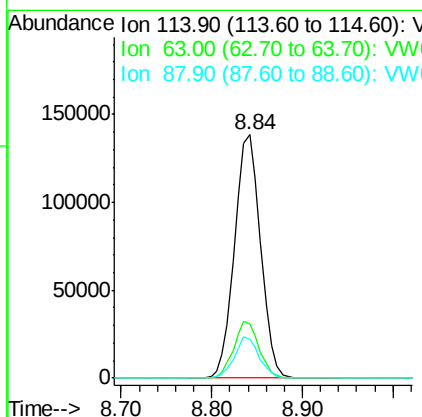
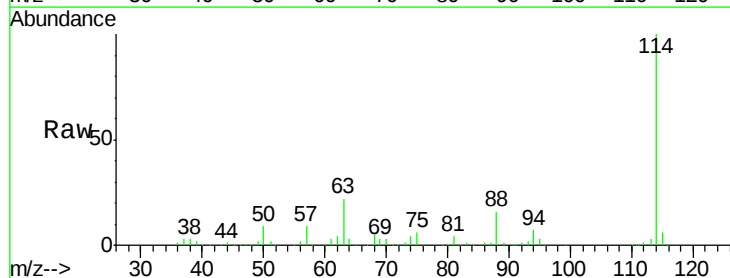
Manual Integrations
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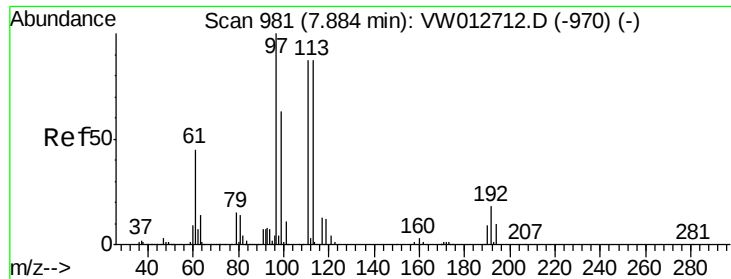
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	275918		
63	22.3	0.0	47.2	
88	15.8	0.0	34.0	





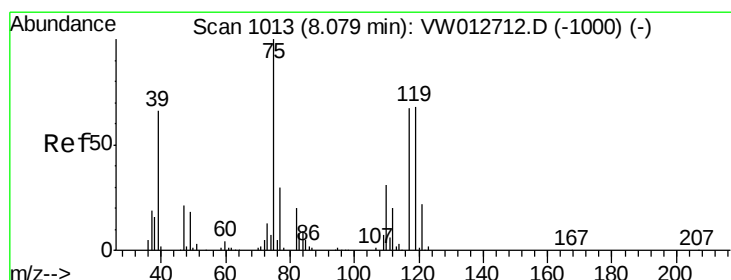
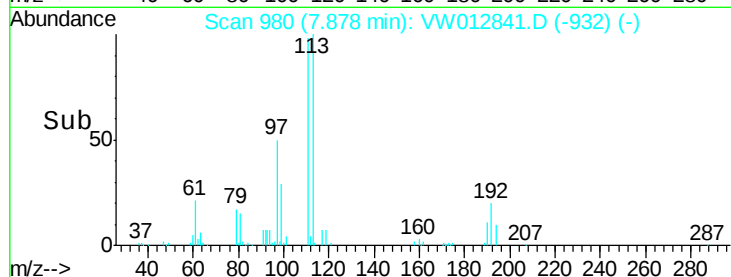
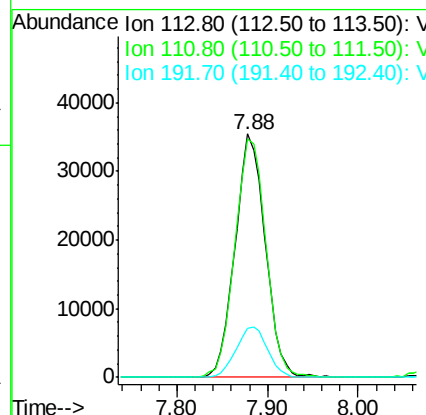
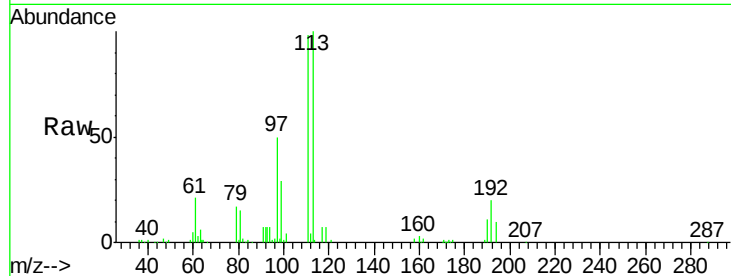
#35
 Dibromofluoromethane
 Concen: 50.048 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	80.2	120.4
192	21.5	17.3	25.9

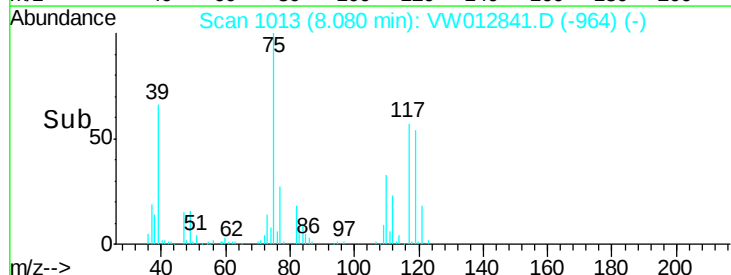
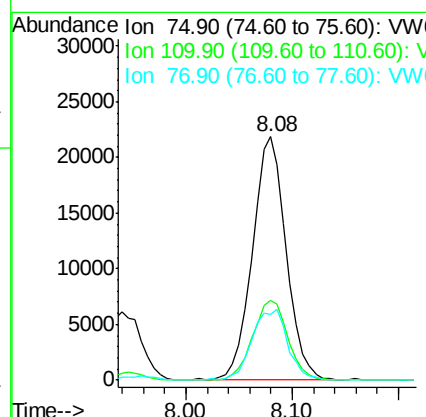
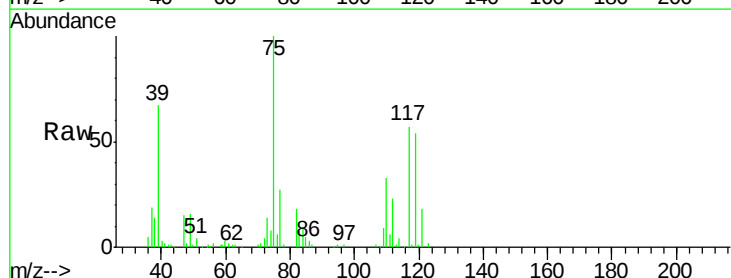
Manual Integrations
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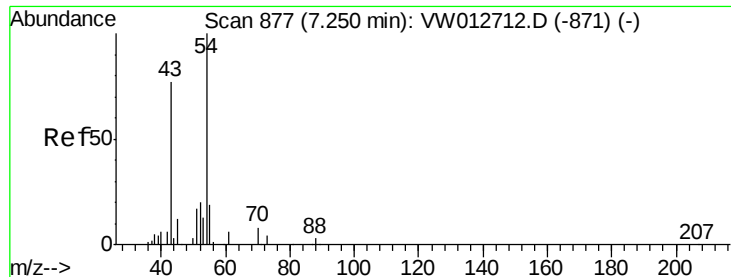
MMDadoda
 9/11/2019 8:15:46 AM



#36
 1,1-Dichloropropene
 Concen: 19.792 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	15.9	47.7
77	30.9	25.0	37.4





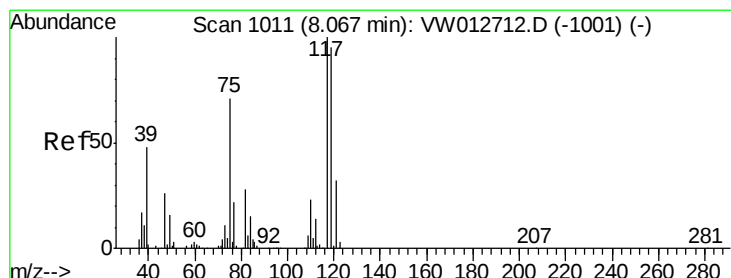
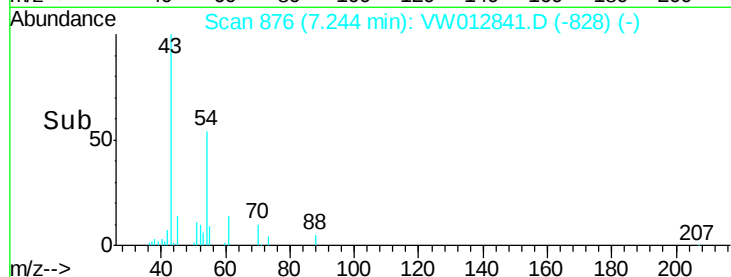
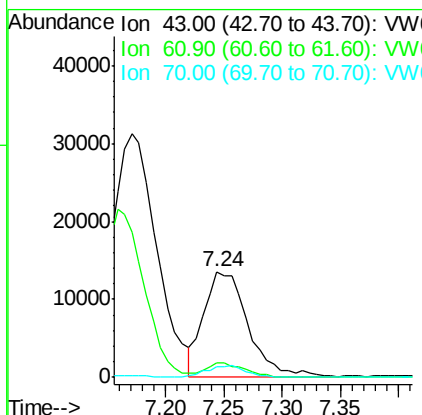
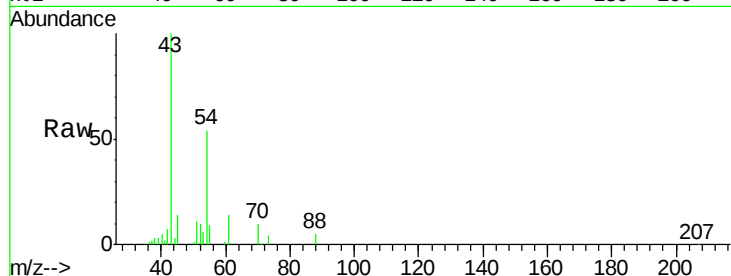
#37
Ethyl Acetate
Concen: 22.572 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.5	14.3
70	10.2	7.0	10.6

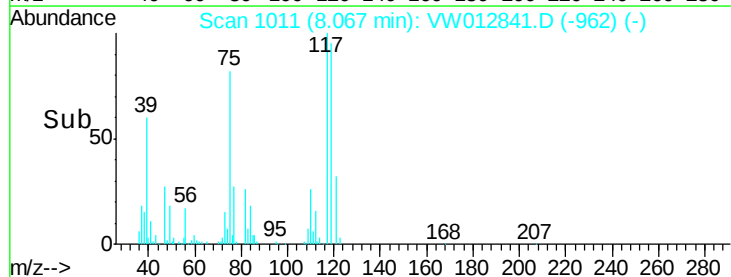
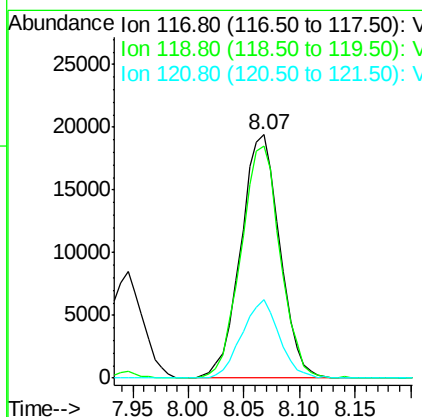
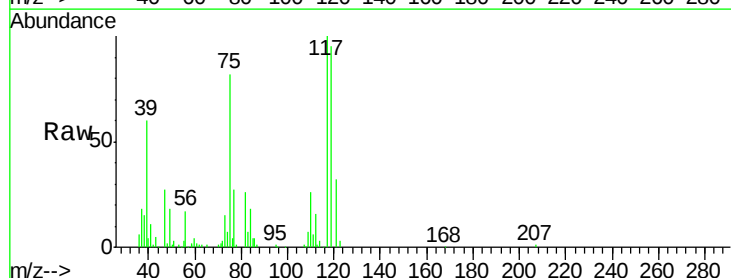
Manual Integrations
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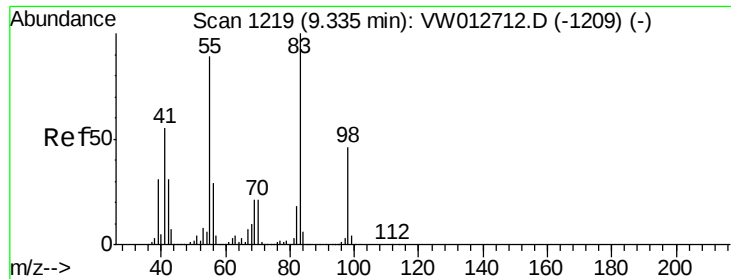
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#38
Carbon Tetrachloride
Concen: 19.562 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
121	32.1	25.4	38.2





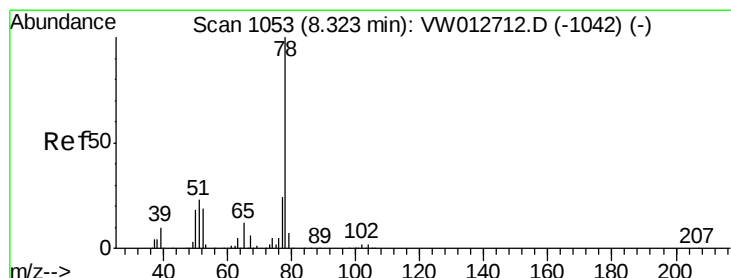
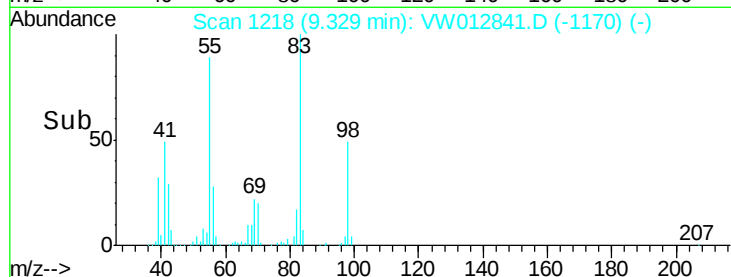
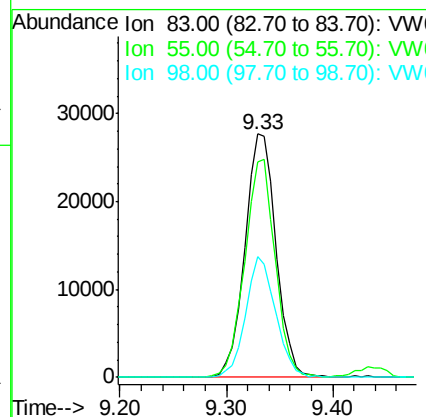
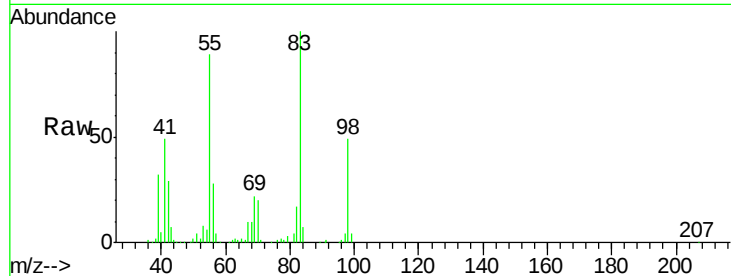
#39
Methvlcvclohexane
Concen: 20.633 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.7	71.0	106.4
98	49.4	36.9	55.3

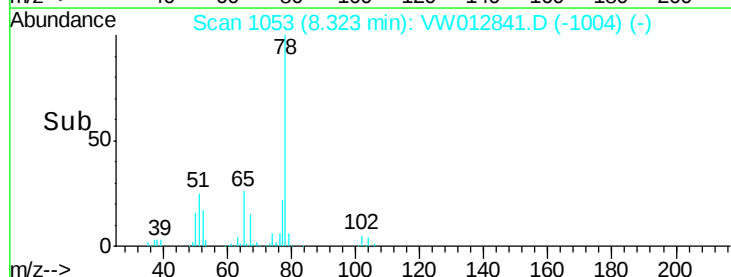
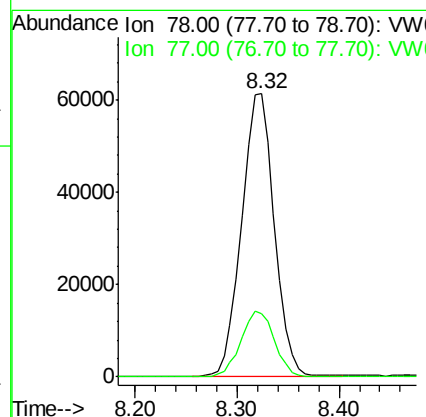
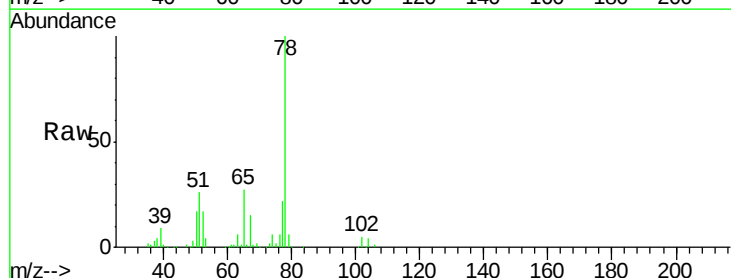
Manual Integrations
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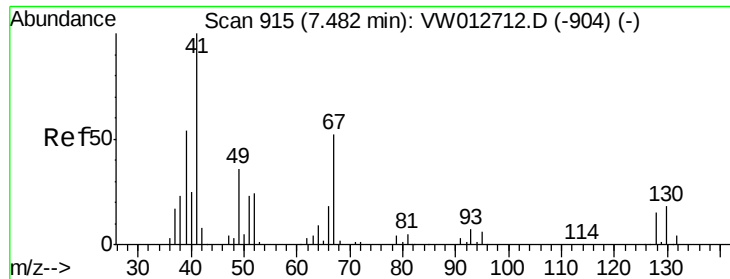
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#40
Benzene
Concen: 20.117 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.3	28.9





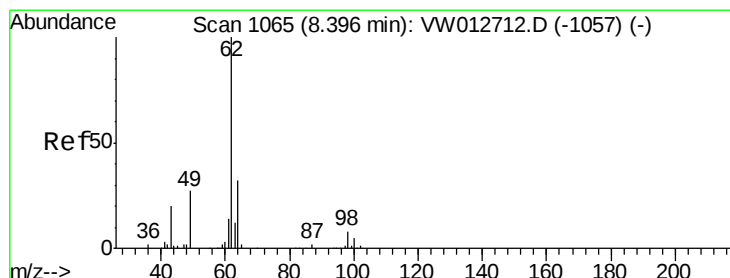
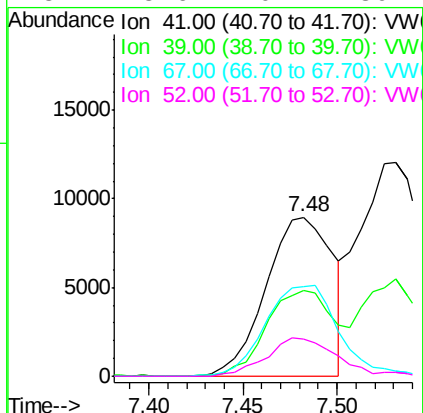
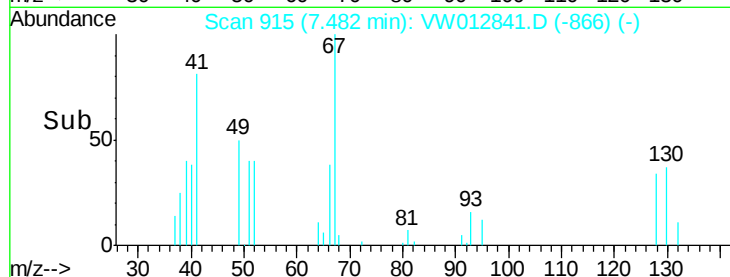
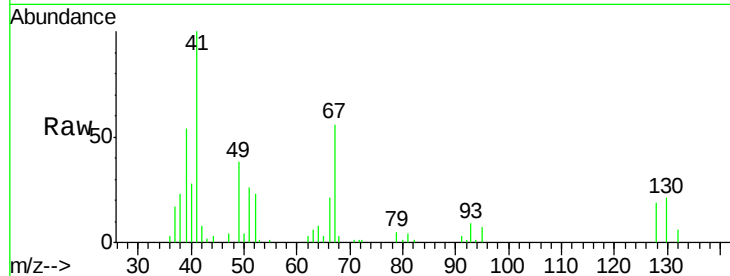
#41
Methacrylonitrile
Concen: 22.971 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	41	Resp	22016
Ion Ratio	Lower	Upper	
41	100		
39	57.1	47.5	71.3
67	62.7	45.1	67.7
52	25.6	20.2	30.2

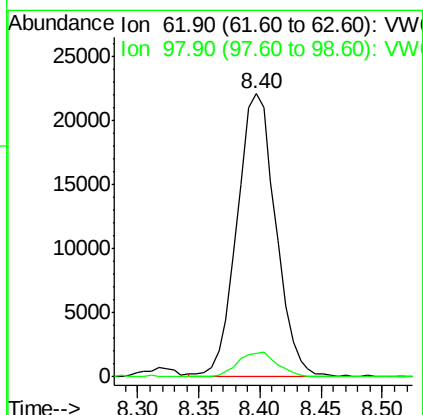
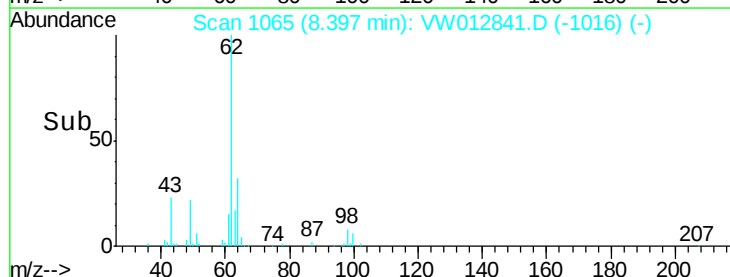
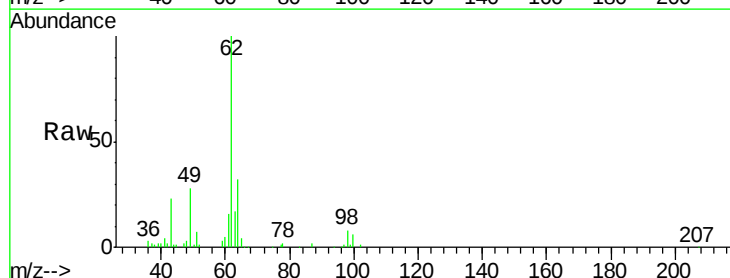
Manual Integrations
APPROVED

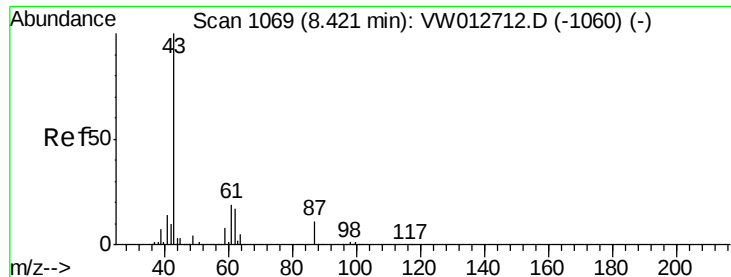
MMDadoda
9/11/2019 8:15:46 AM



#42
1,2-Dichloroethane
Concen: 20.348 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	62	Resp	48710
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	16.2





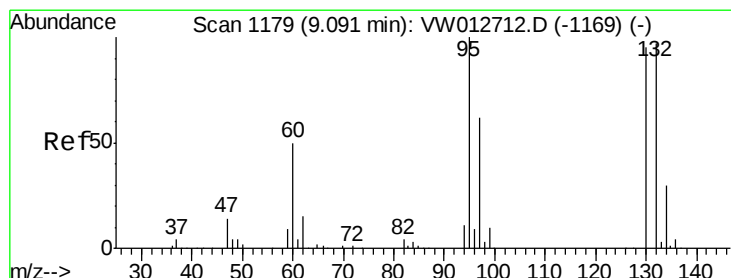
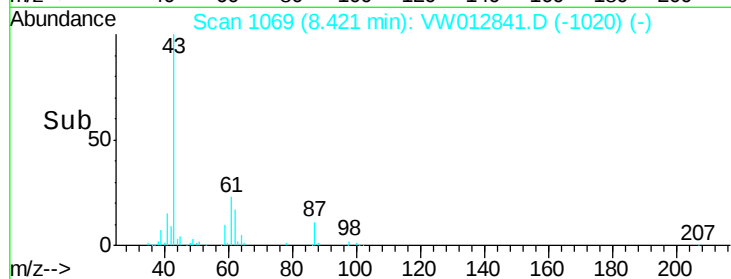
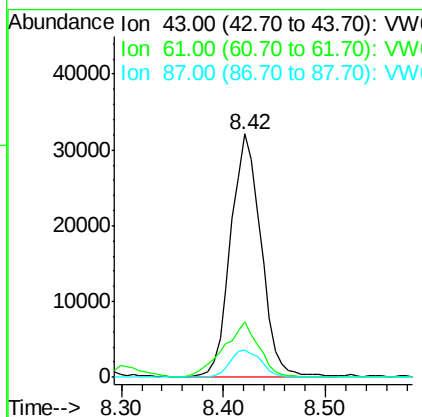
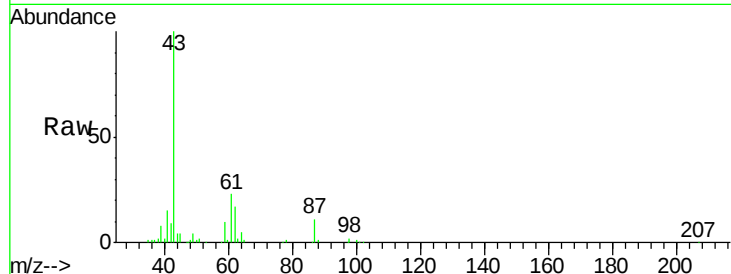
#43
Isopropyl Acetate
Concen: 22.419 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.8	20.6	30.8
87	11.5	8.6	13.0

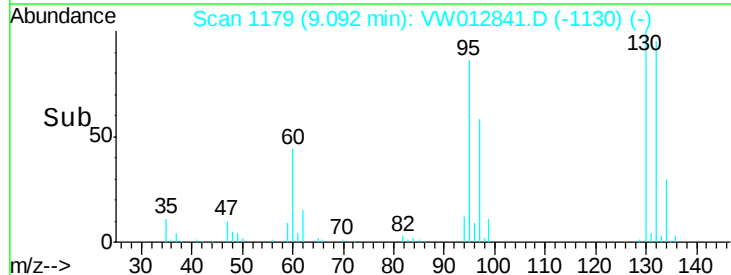
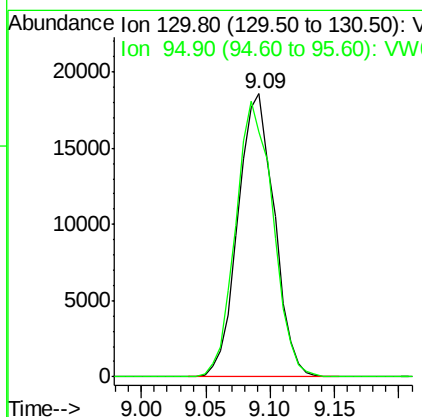
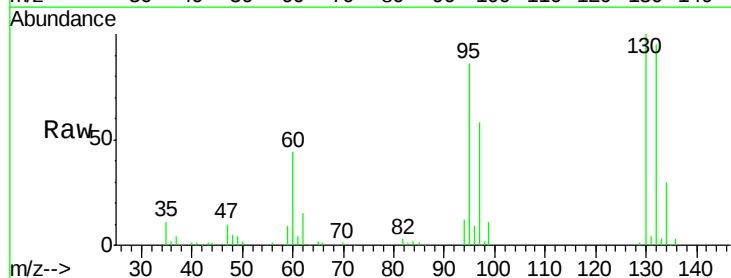
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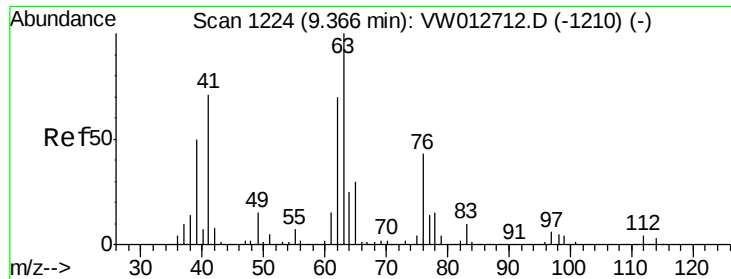
MMDadoda
9/11/2019 8:15:46 AM



#44
Trichloroethene
Concen: 20.705 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.5	0.0	210.6





#45

1,2-Dichloropropane

Concen: 19.379 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 63 Resp: 36560

Ion Ratio Lower Upper

63 100

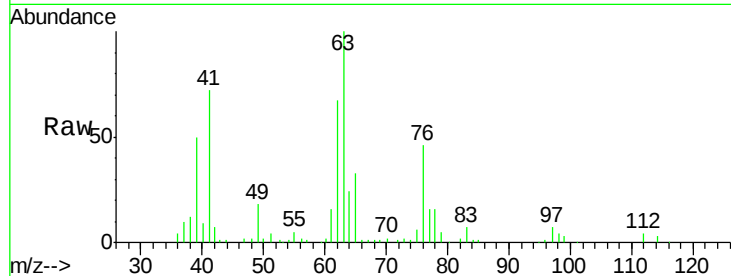
65 33.2 23.8 35.8

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

20000

15000

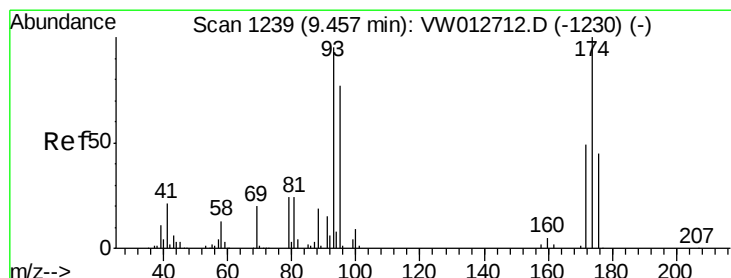
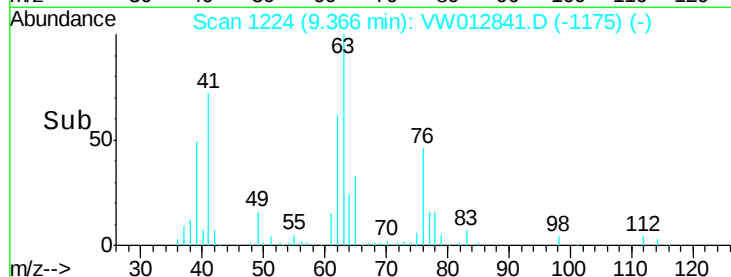
10000

5000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 21.510 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

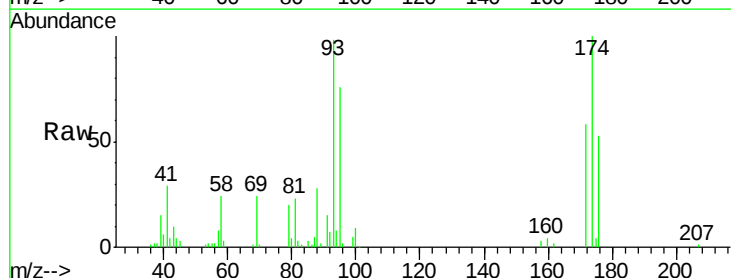
Tgt Ion: 93 Resp: 19216

Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

174 110.5 84.2 126.4



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

9.46

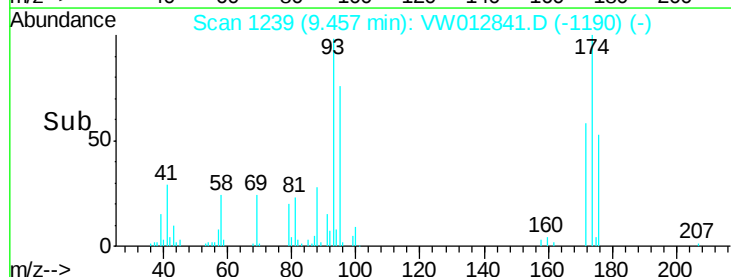
10000

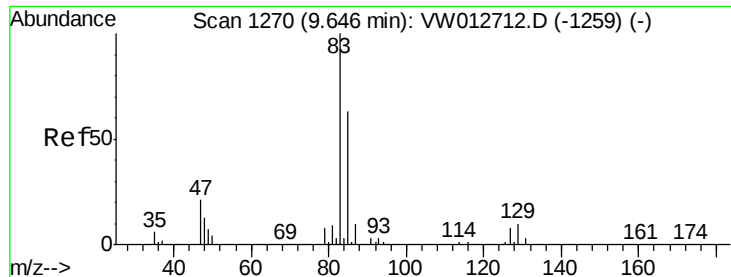
5000

0

9.35 9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 19.328 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

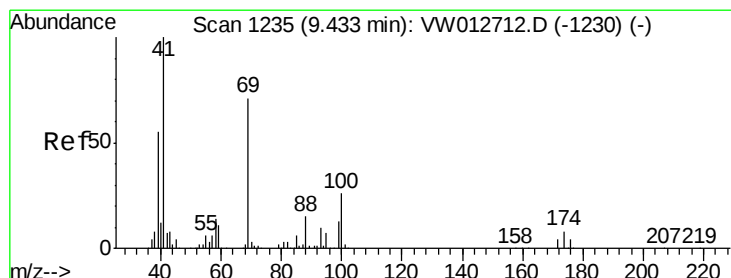
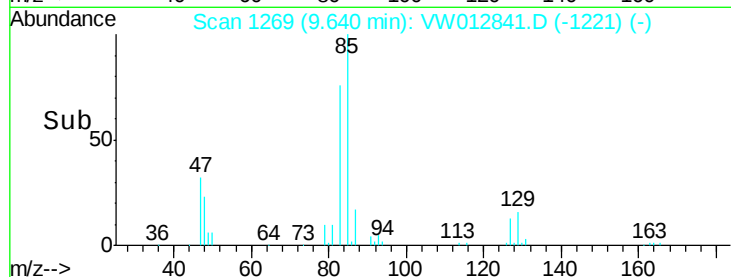
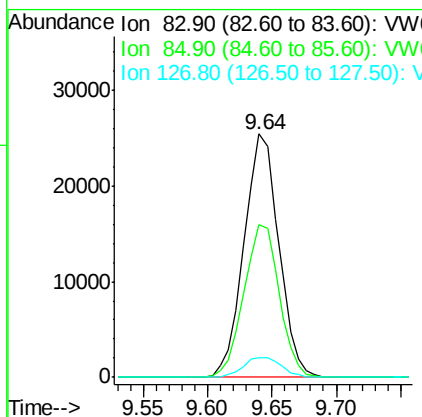
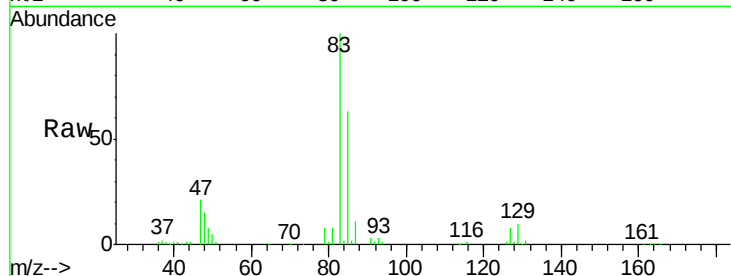
ClientSampleId :

VW0909SBSD02

Tot Ion:	83	Resp:	47504
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.2	75.2
127	8.1	6.6	9.8

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#48

Methyl methacrylate

Concen: 22.202 ug/l

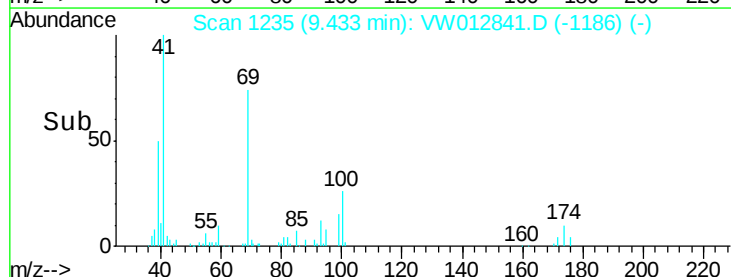
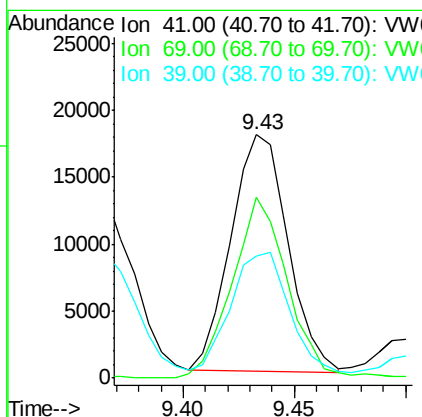
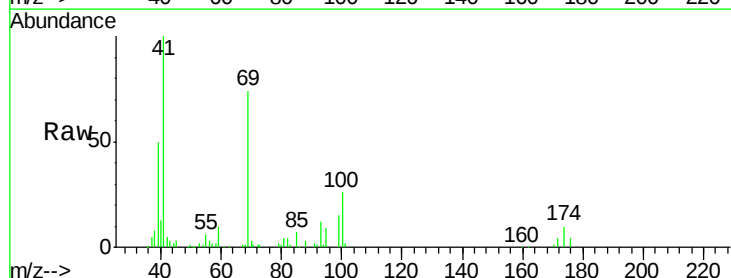
RT: 9.43 min Scan# 1235

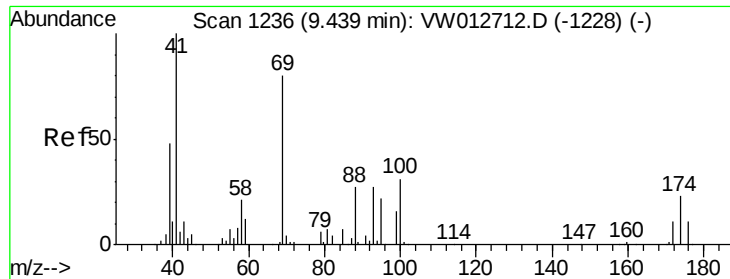
Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Tgt Ion:	41	Resp:	31416
Ion	Ratio	Lower	Upper
41	100		
69	75.1	59.8	89.8
39	57.5	47.0	70.6





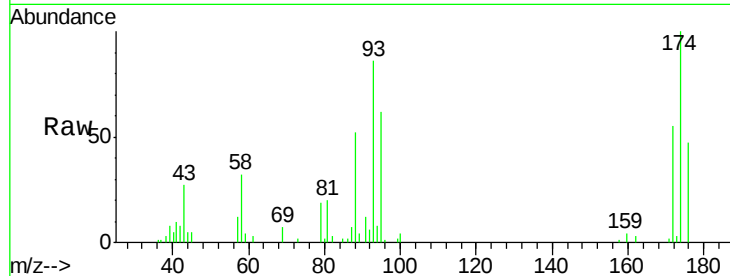
#49
1,4-Dioxane
Concen: 487.012 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBSD02

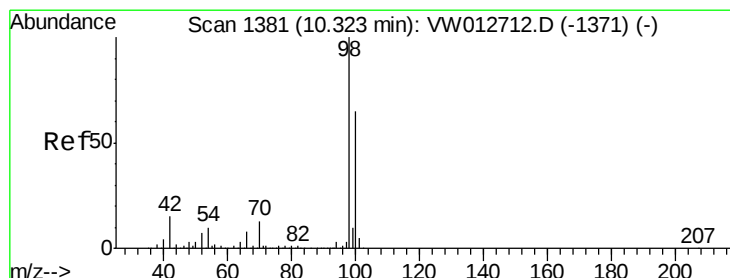
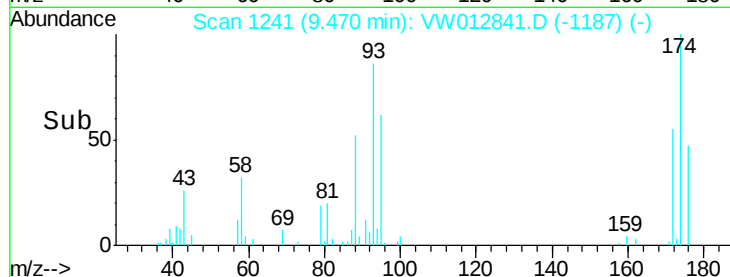
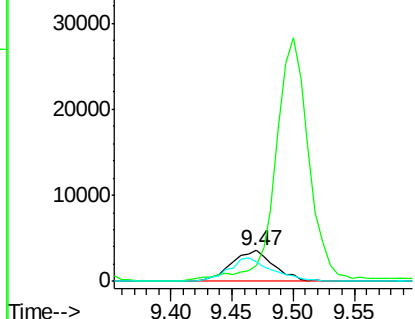
Tot Ion	88	Resp	8594
Ion Ratio	100	Lower	Upper
43	0.0	34.8	52.2#
58	77.0	64.1	96.1

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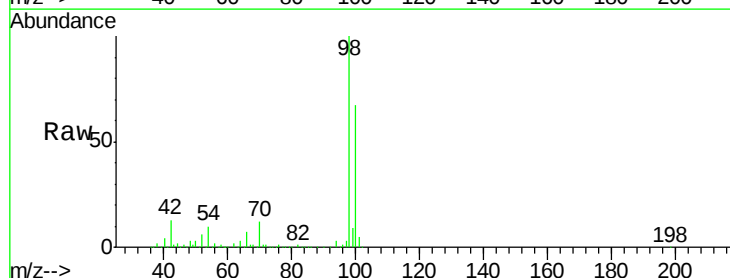


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

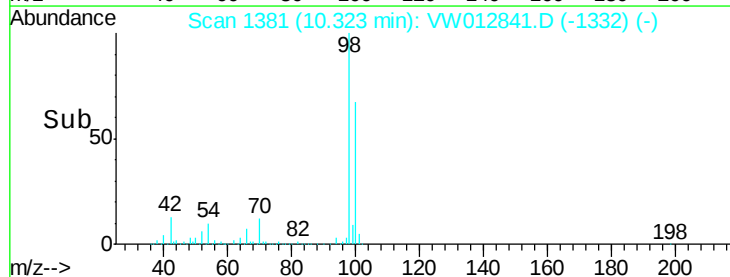
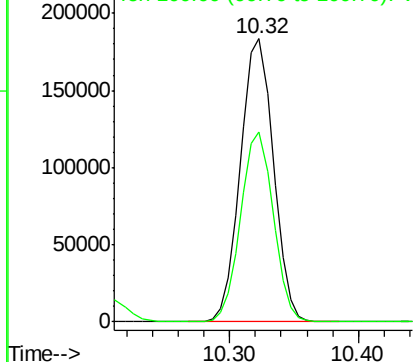


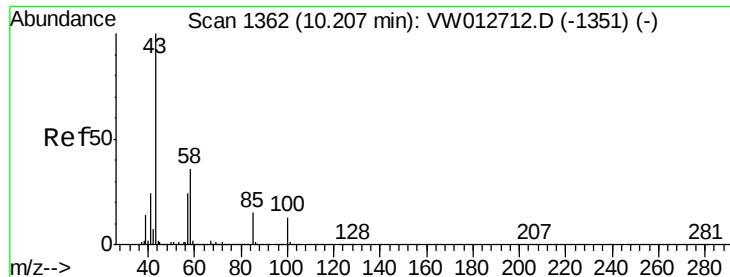
#50
Toluene-d8
Concen: 50.708 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	98	Resp	325887
Ion Ratio	100	Lower	Upper
100	66.3	52.2	78.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





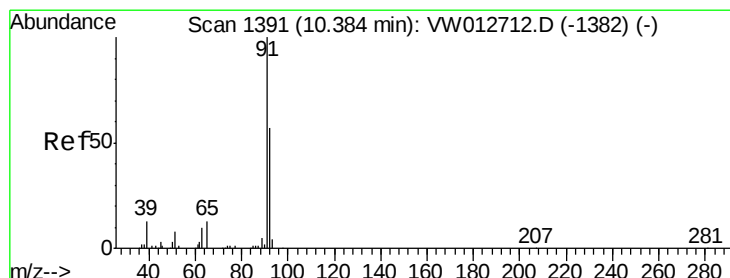
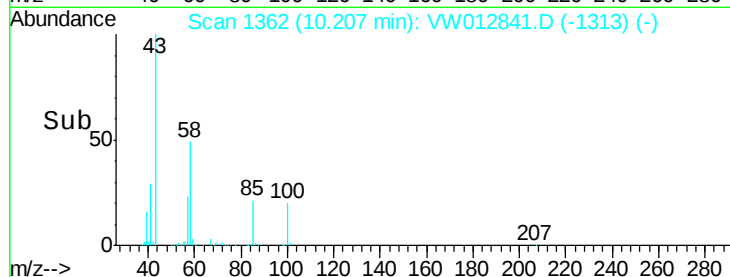
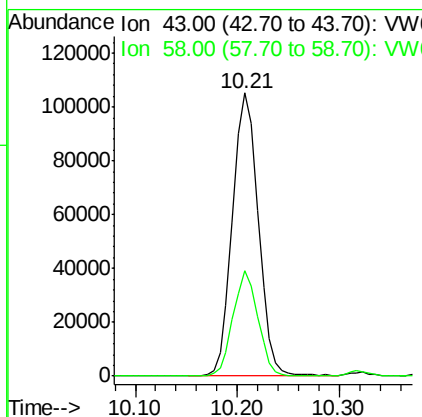
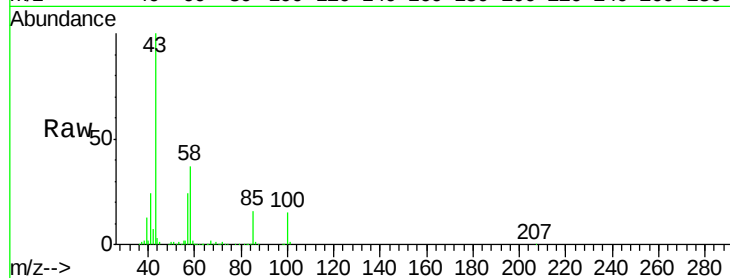
#51
4-Methyl-2-Pentanone
Concen: 118.799 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.4	42.6

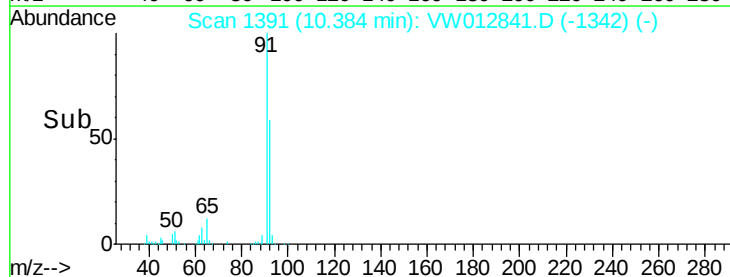
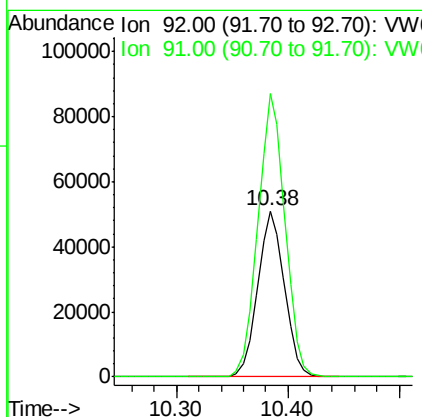
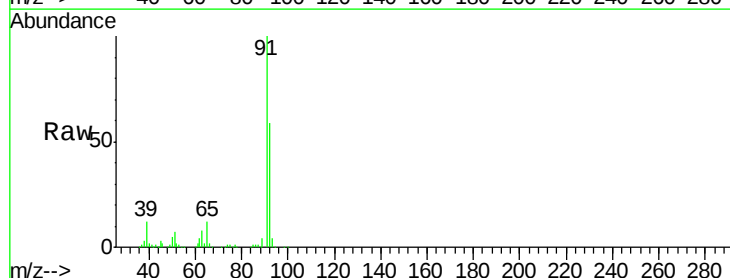
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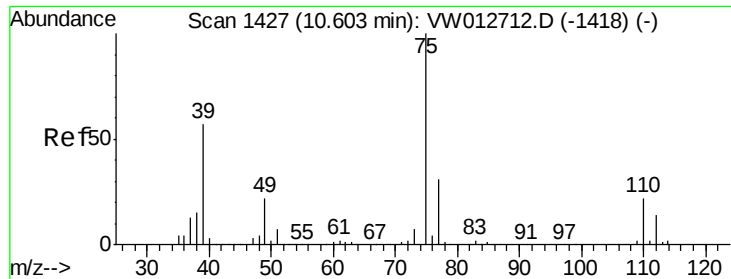
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#52
Toluene
Concen: 20.110 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.0	205.4





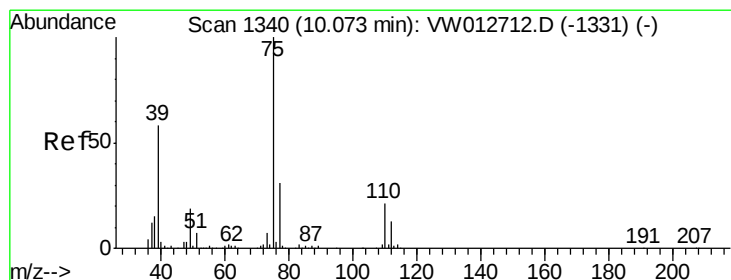
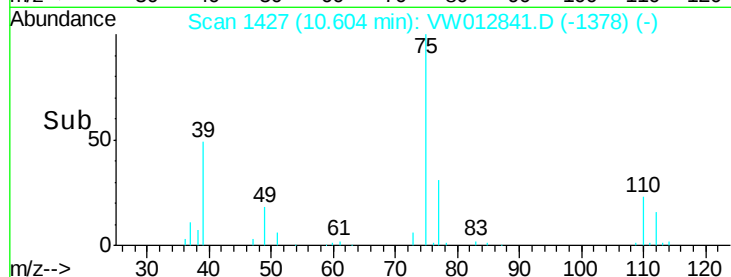
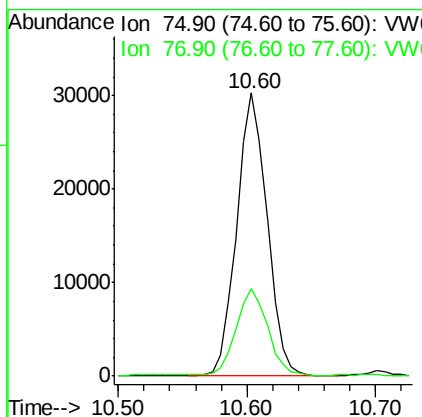
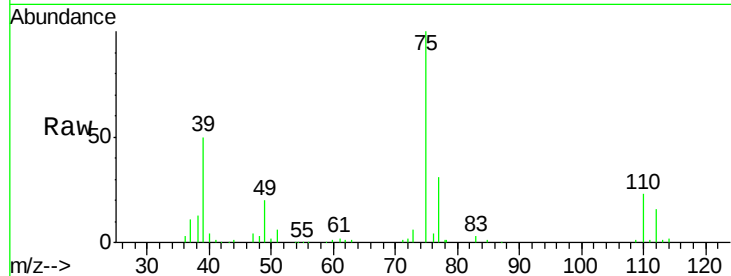
#53
t-1,3-Dichloropropene
Concen: 19.592 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion: 75 Resp: 49514
Ion Ratio Lower Upper
75 100
77 30.6 24.7 37.1

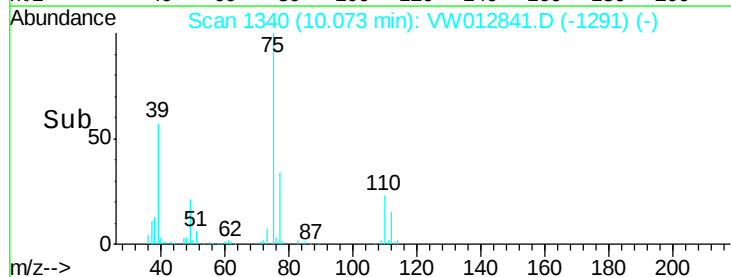
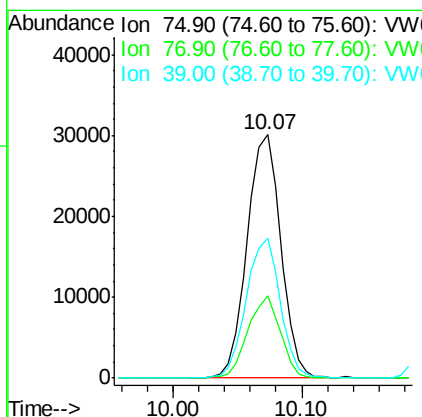
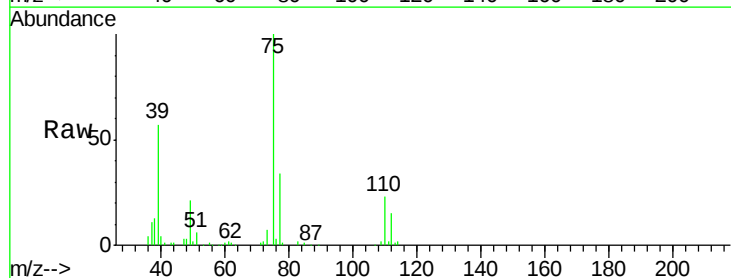
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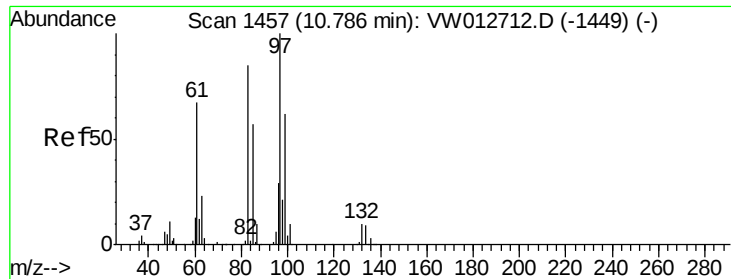
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#54
cis-1,3-Dichloropropene
Concen: 18.967 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion: 75 Resp: 54378
Ion Ratio Lower Upper
75 100
77 33.7 24.6 36.8
39 57.5 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 22.159 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

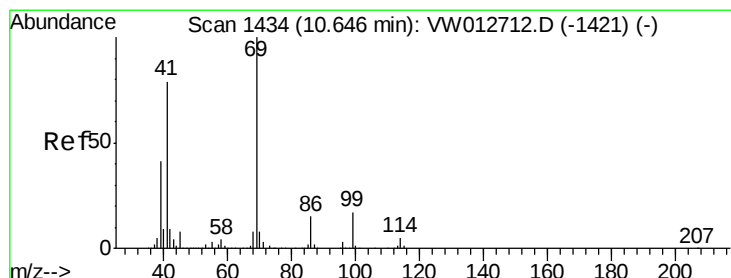
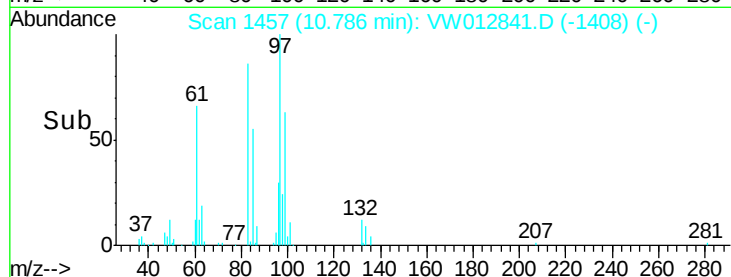
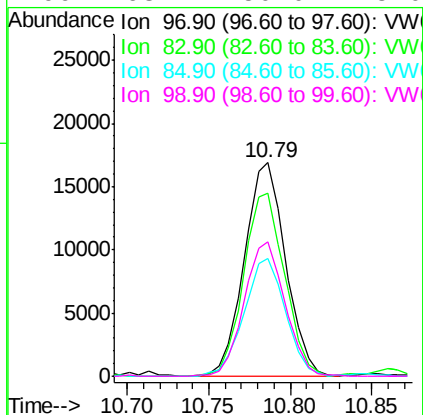
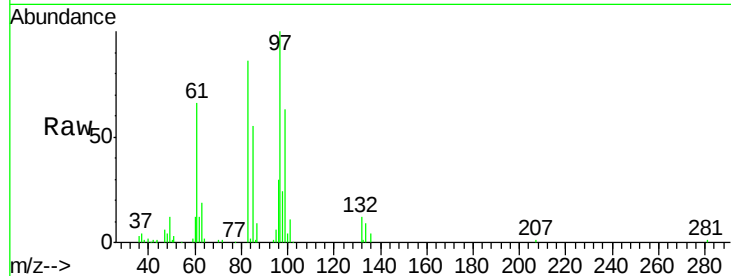
ClientSampleId :

VW0909SBSD02

Tot Ion:	97	Resp:	29637
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.1	102.1
85	55.3	45.3	67.9
99	63.2	50.0	75.0

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#56

Ethyl methacrylate

Concen: 22.559 ug/l

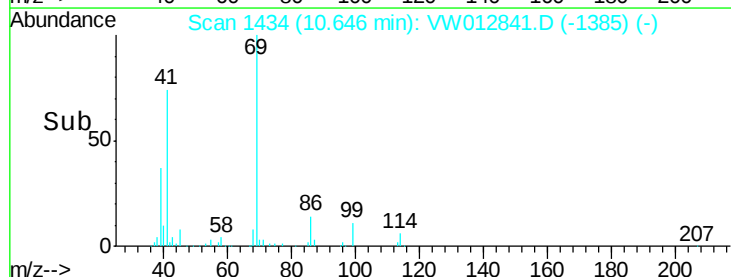
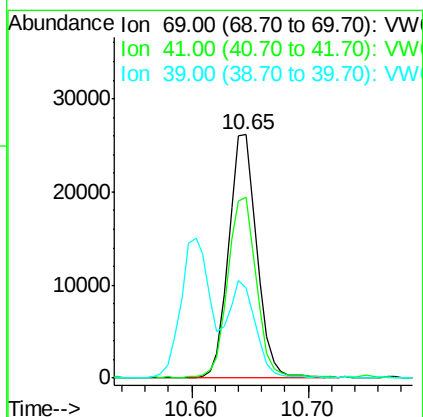
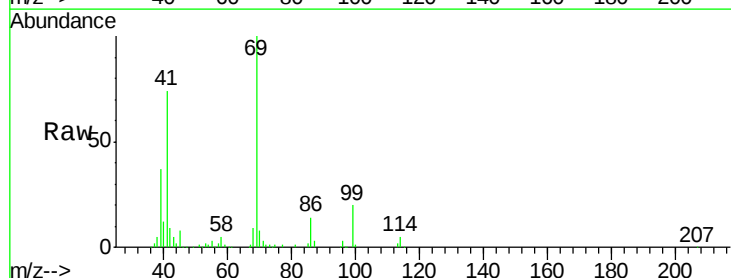
RT: 10.65 min Scan# 1434

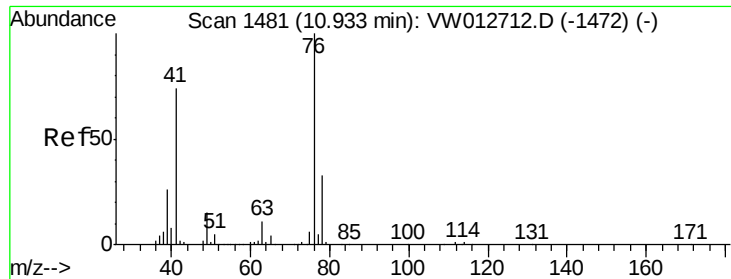
Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Tgt Ion:	69	Resp:	44165
Ion	Ratio	Lower	Upper
69	100		
41	75.1	64.4	96.6
39	39.6	31.1	46.7





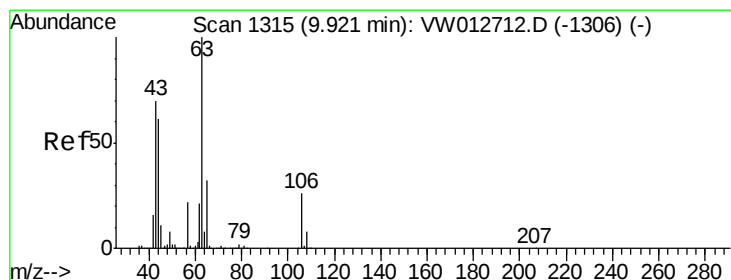
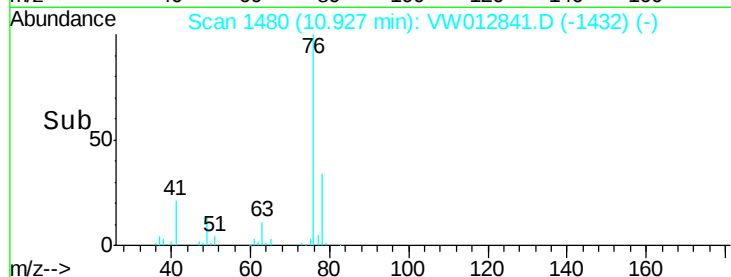
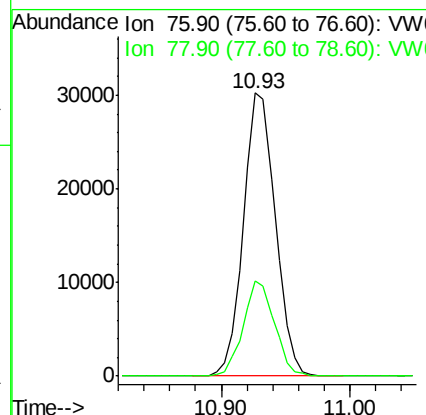
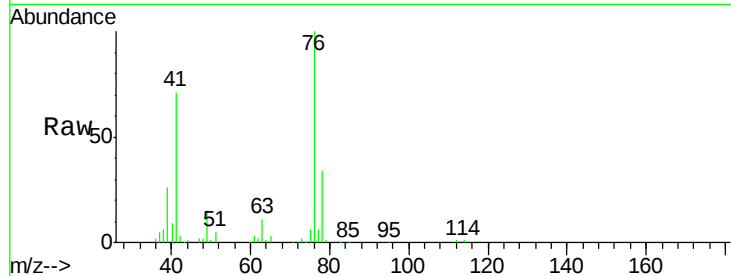
#57
 1,3-Dichloropropane
 Concen: 20.919 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion: 76 Resp: 51759
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.9 38.9

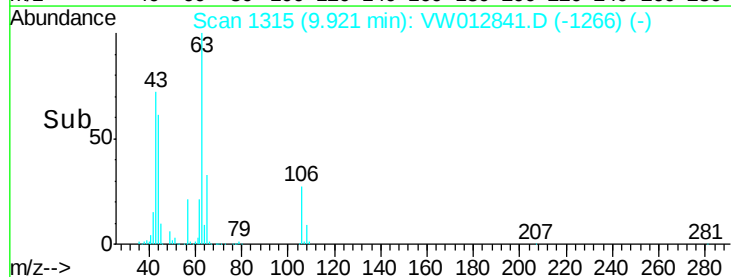
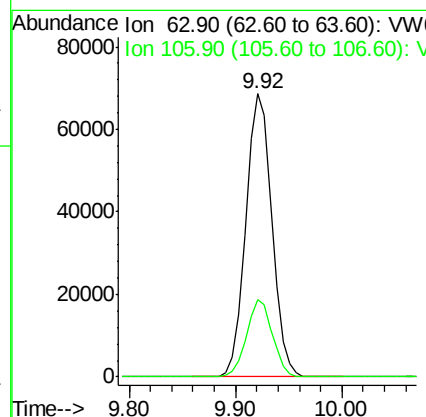
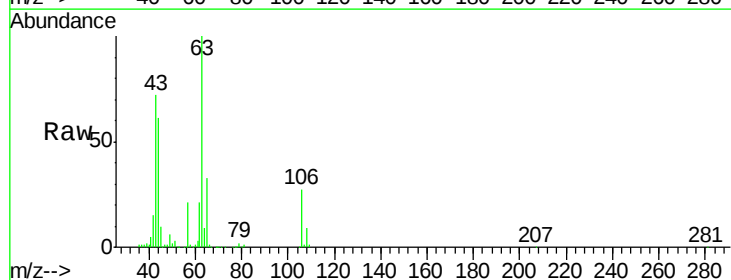
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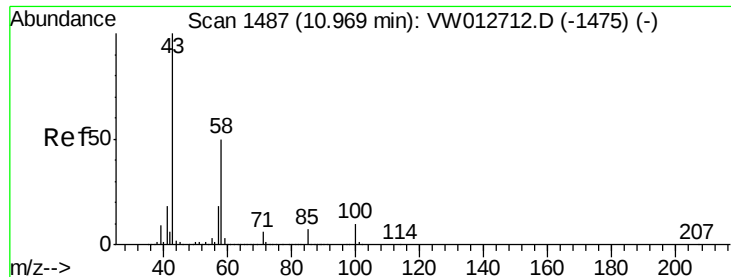
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#58
 2-Chloroethyl Vinyl ether
 Concen: 113.753 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Tgt Ion: 63 Resp: 118229
 Ion Ratio Lower Upper
 63 100
 106 27.1 20.5 30.7





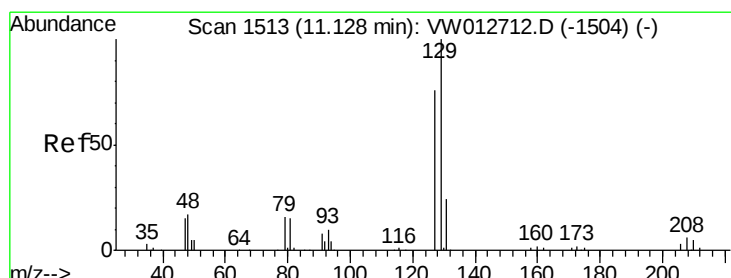
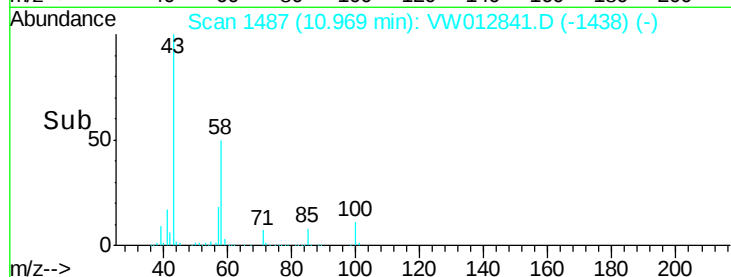
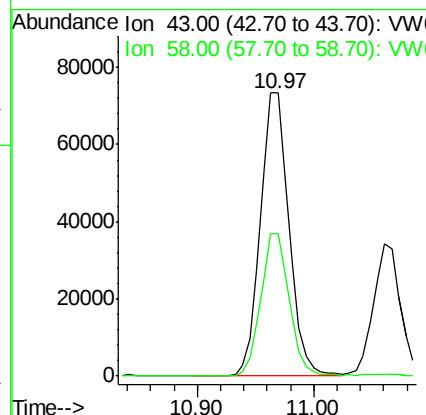
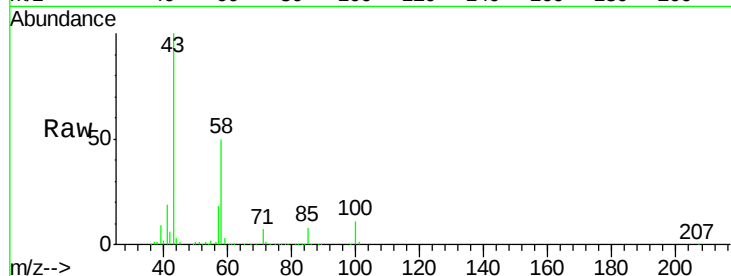
#59
2-Hexanone
Concen: 111.507 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion: 43 Resp: 126569
Ion Ratio Lower Upper
43 100
58 50.0 24.7 74.1

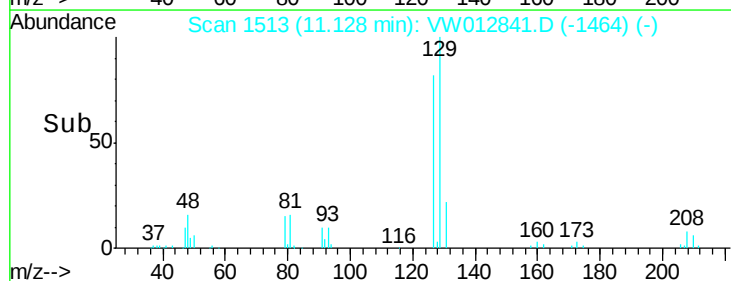
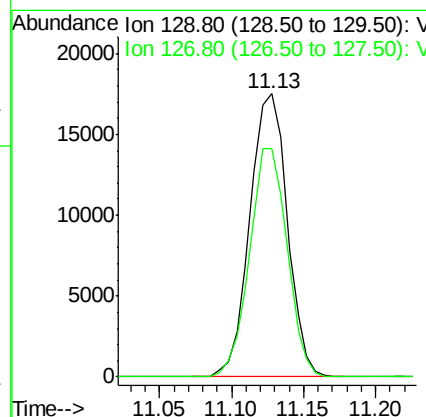
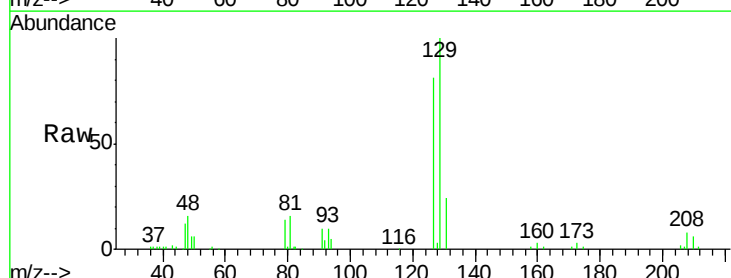
Manual Integrations
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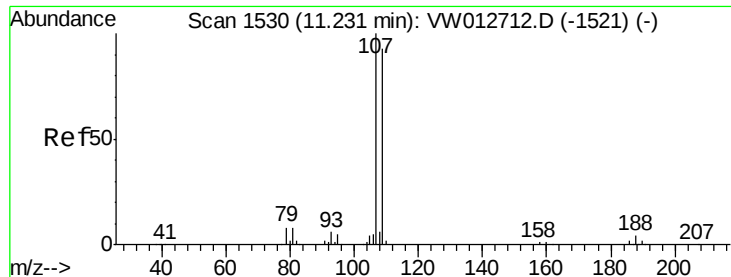
MMDadoda
9/11/2019 8:15:46 AM



#60
Dibromochloromethane
Concen: 20.028 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion: 129 Resp: 31503
Ion Ratio Lower Upper
129 100
127 81.0 38.6 115.8





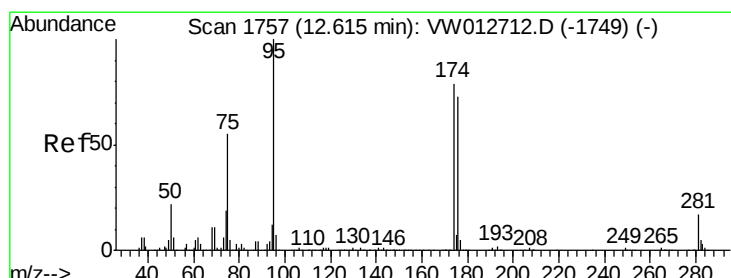
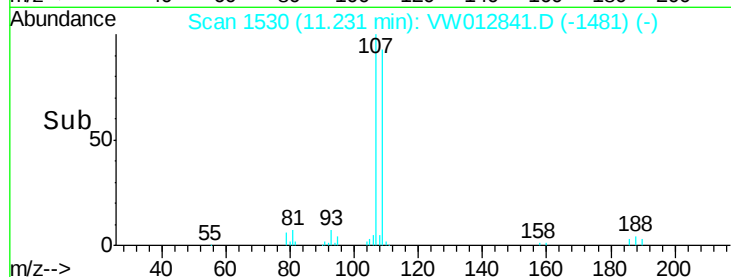
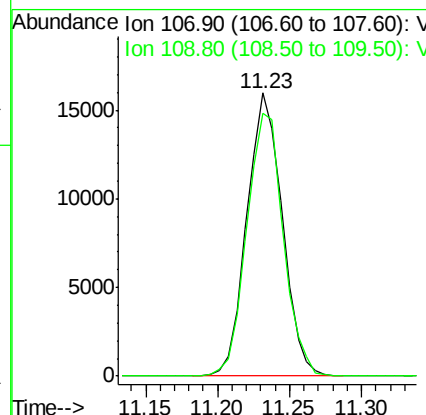
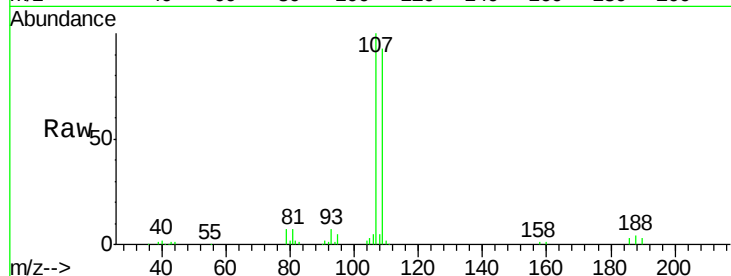
#61
1,2-Dibromoethane
Concen: 22.129 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.0	112.6

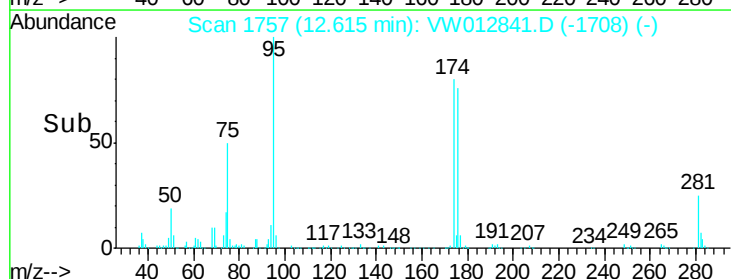
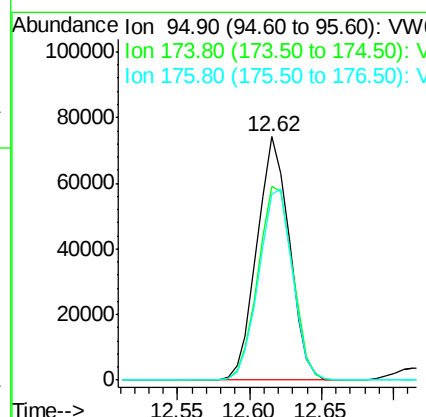
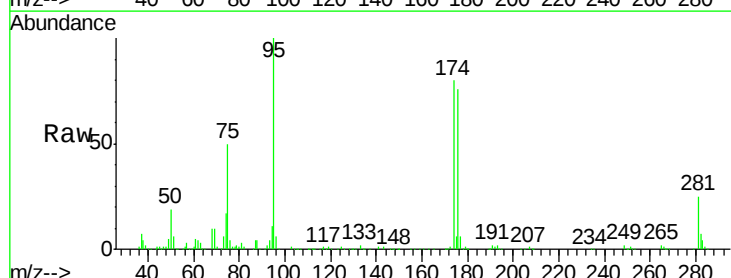
Manual Integrations
APPROVED

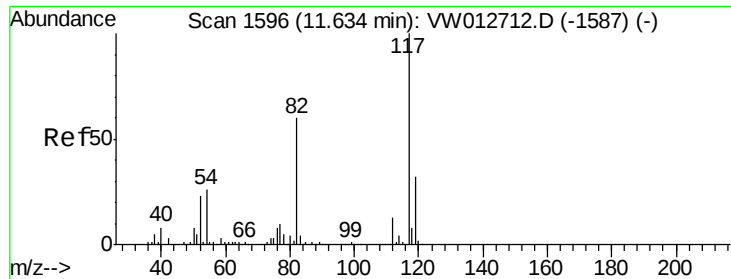
MMDadoda
9/11/2019 8:15:46 AM



#62
4-Bromofluorobenzene
Concen: 49.561 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	161.0
176	81.5	0.0	156.4





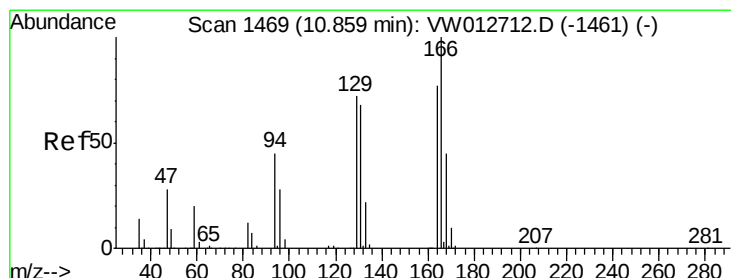
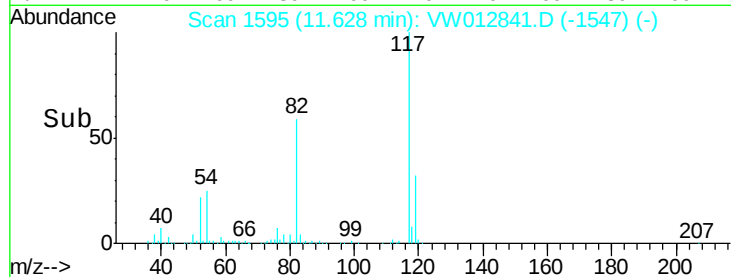
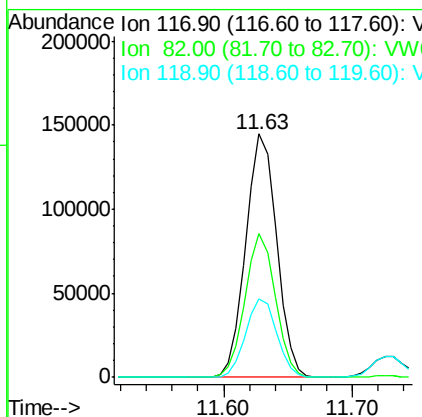
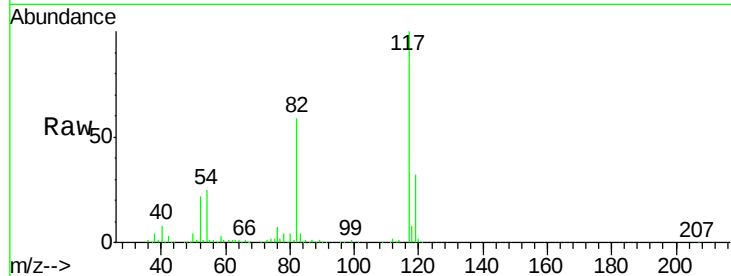
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	239641		
82	59.1	48.2	72.4	
119	32.2	25.8	38.6	

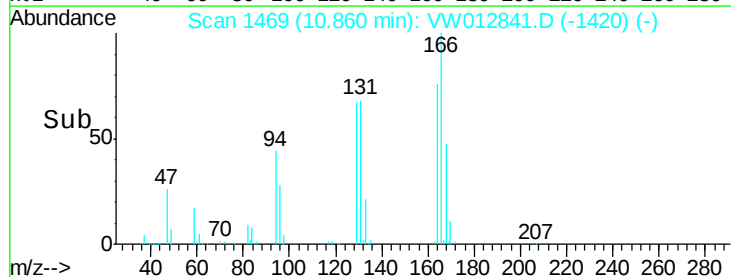
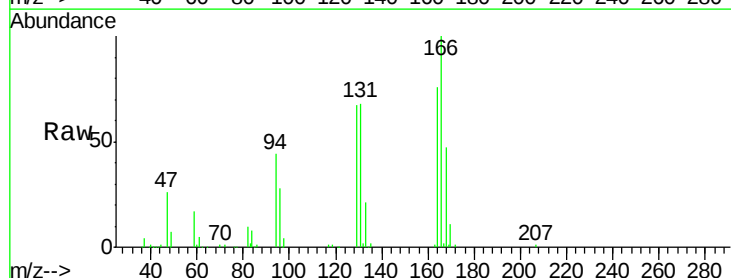
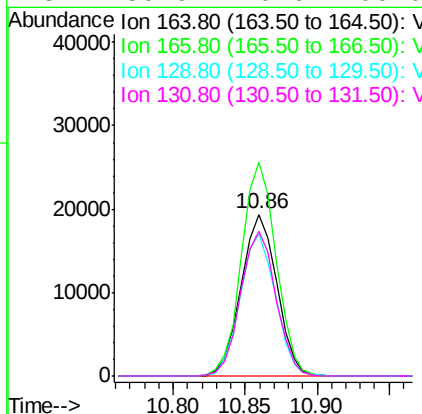
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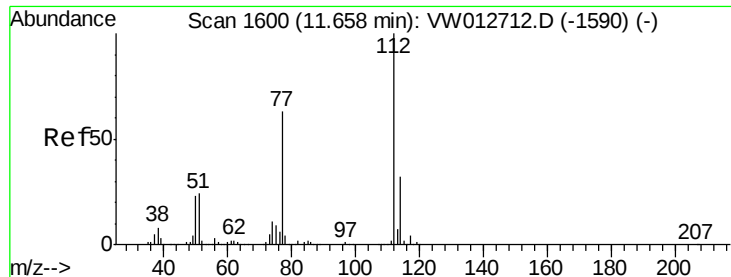
MMDadoda
9/11/2019 8:15:46 AM



#64
Tetrachloroethene
Concen: 22.875 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33262		
166	132.4	103.6	155.4	
129	88.1	74.6	112.0	
131	89.9	70.6	106.0	





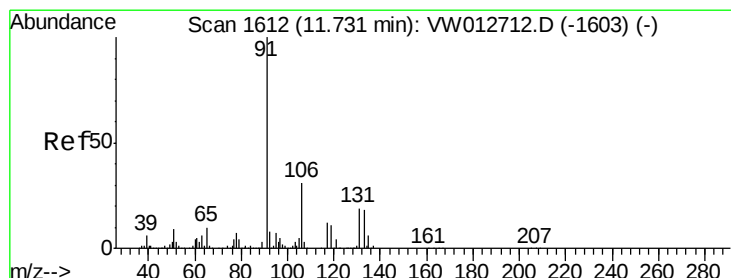
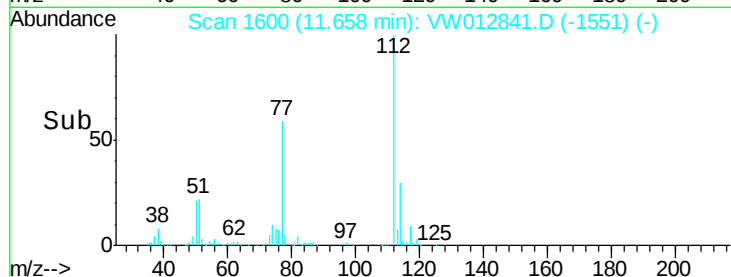
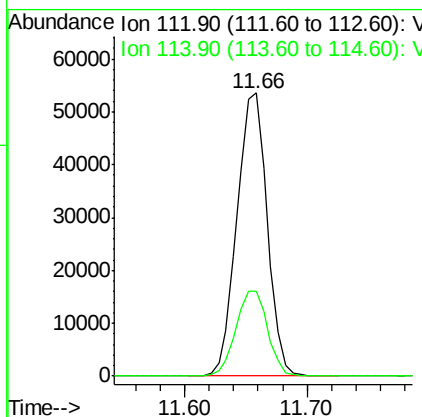
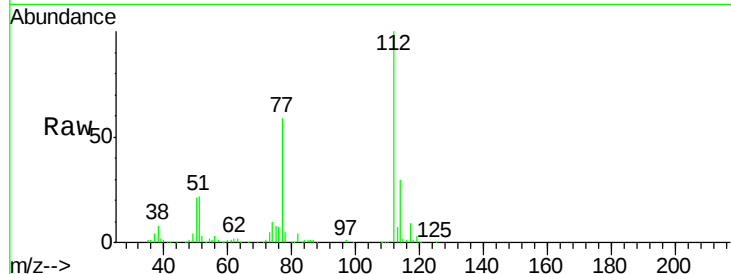
#65
Chlorobenzene
Concen: 20.306 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion:112 Resp: 91970
Ion Ratio Lower Upper
112 100
114 29.8 25.3 37.9

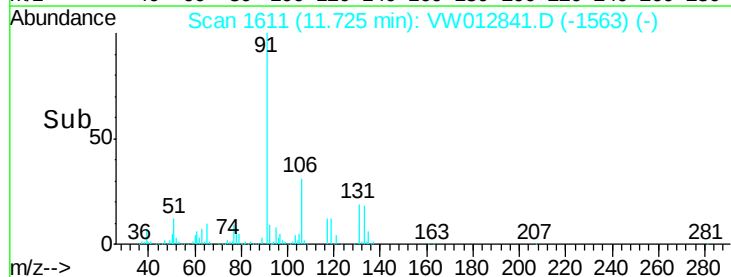
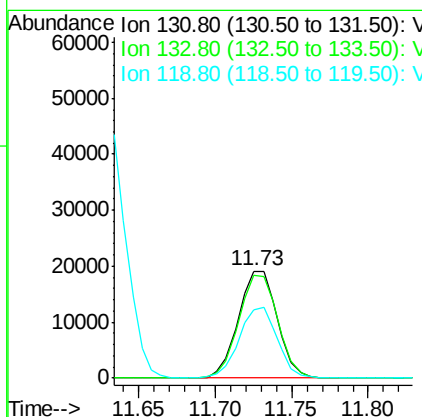
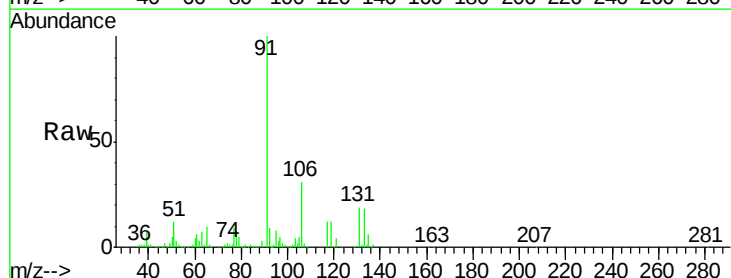
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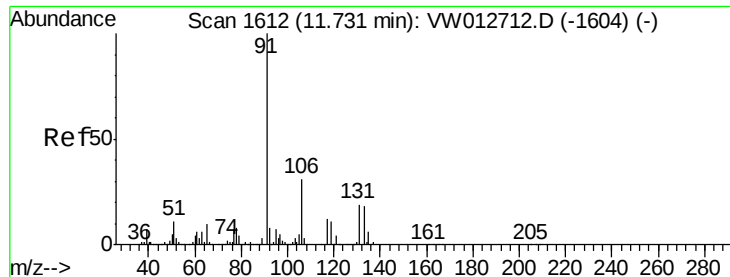
MMDadoda
9/11/2019 8:15:46 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.071 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion:131 Resp: 33855
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.8
119 65.0 30.6 92.0





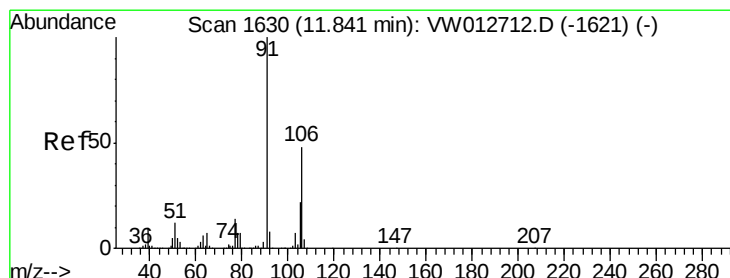
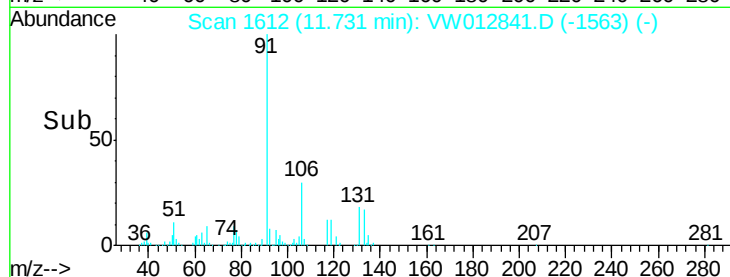
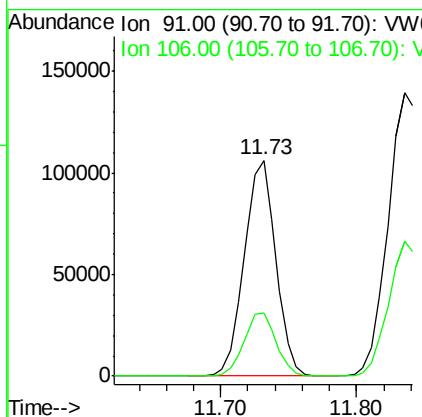
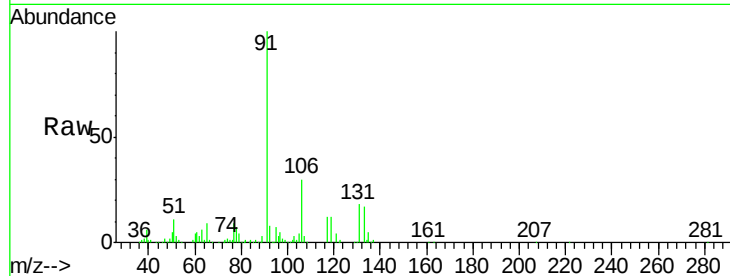
#67
Ethyl Benzene
Concen: 20.269 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.4	36.6

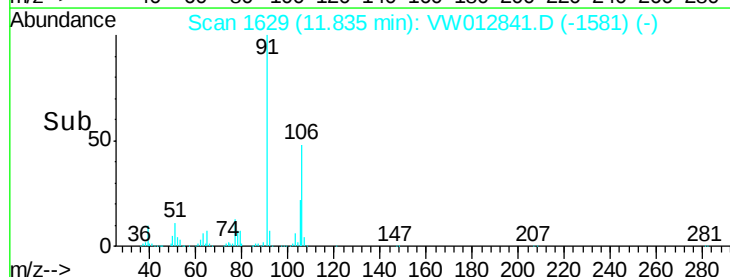
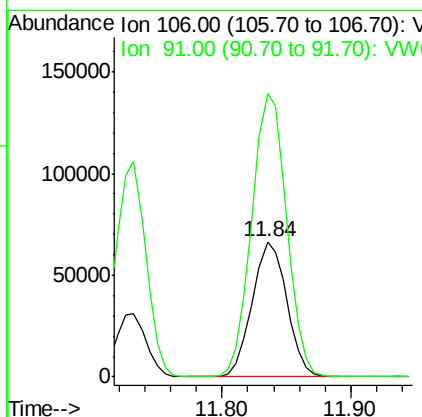
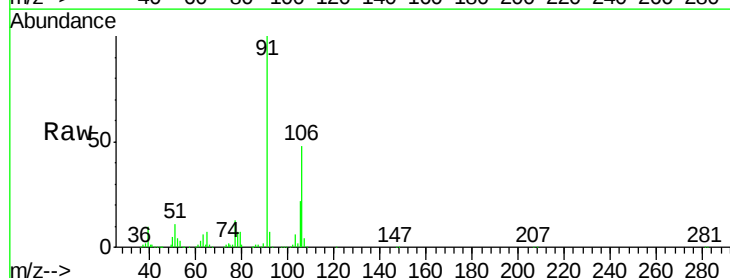
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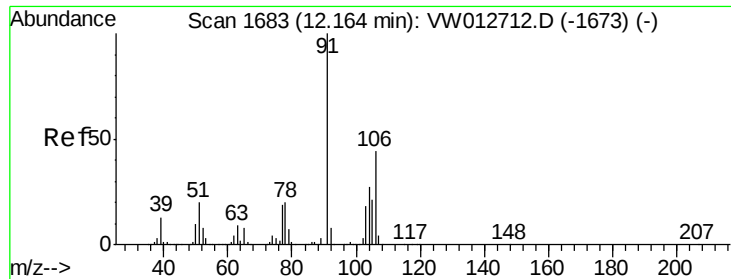
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#68
m/p-Xylenes
Concen: 40.140 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.3	168.2	252.4





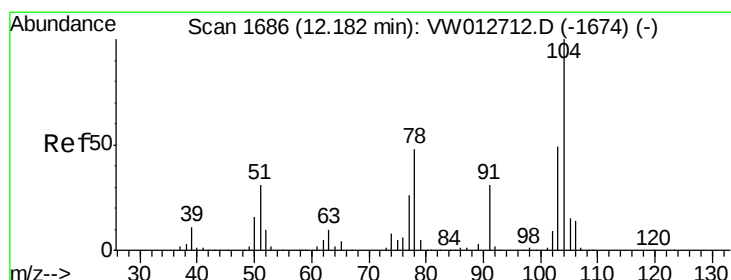
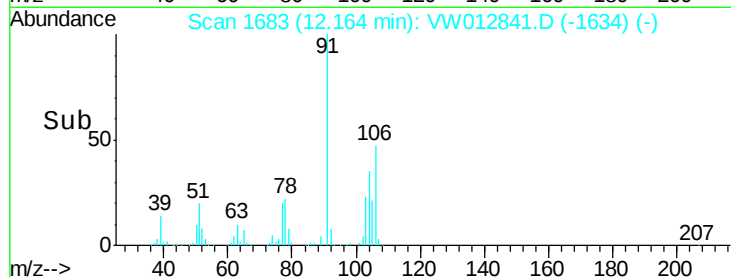
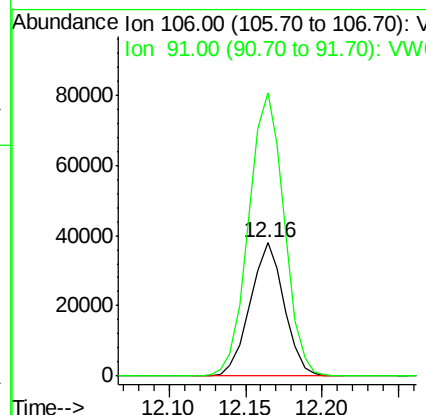
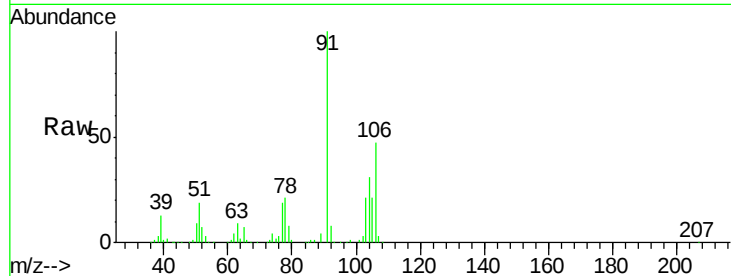
#69
o-Xylene
Concen: 20.309 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion:106 Resp: 58773
Ion Ratio Lower Upper
106 100
91 220.5 112.3 336.8

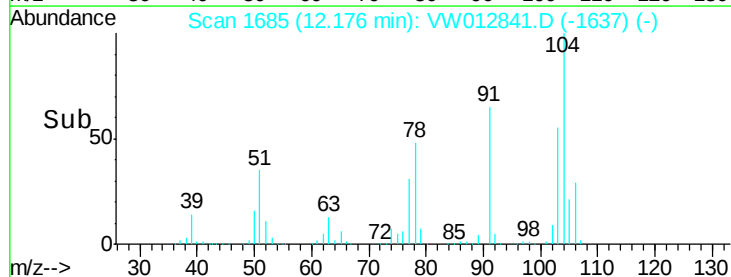
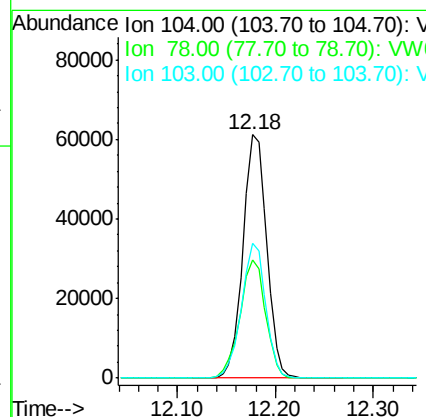
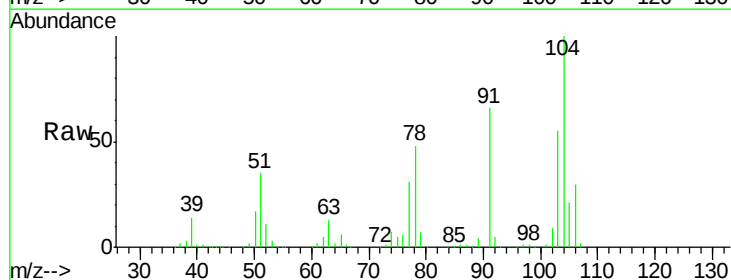
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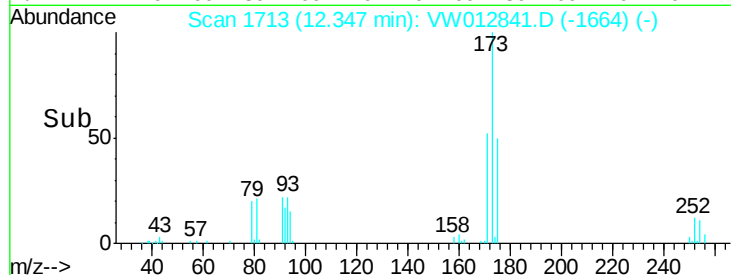
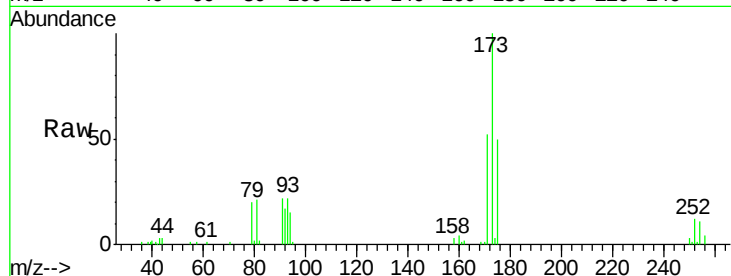
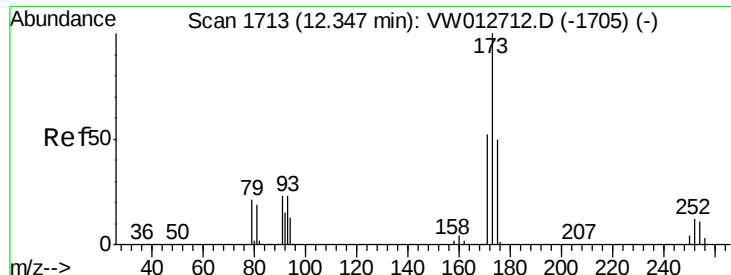
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#70
Styrene
Concen: 20.206 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion:104 Resp: 103325
Ion Ratio Lower Upper
104 100
78 52.4 43.3 64.9
103 56.7 44.0 66.0





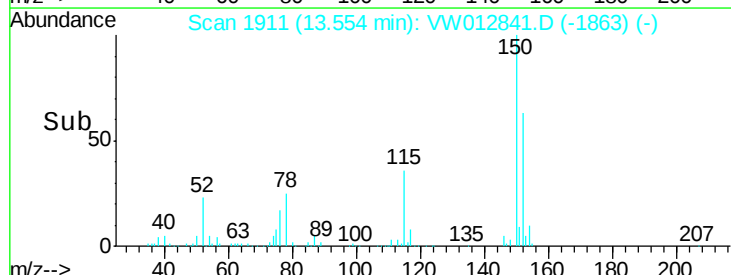
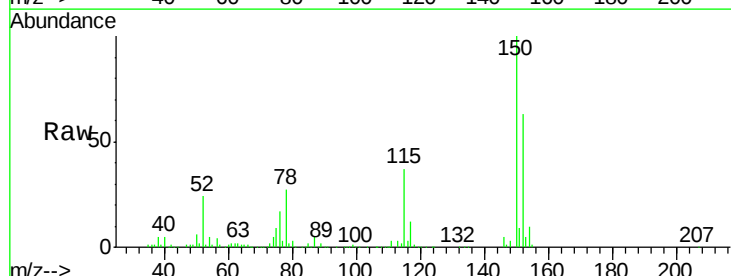
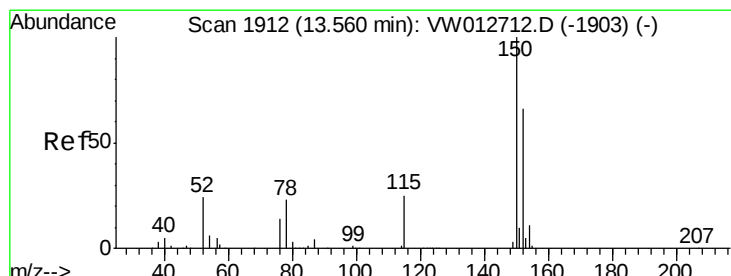
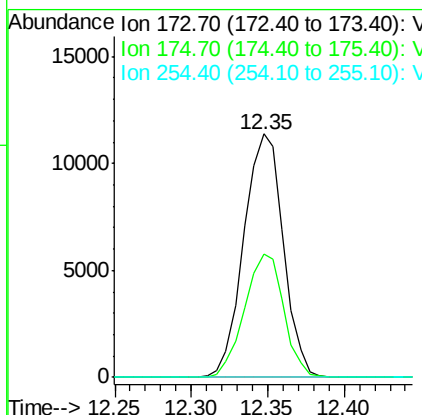
#71
Bromoform
Concen: 21.772 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.8	74.3
254	0.0	0.1	0.1#

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

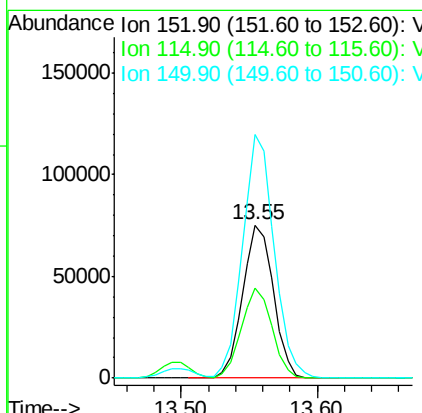
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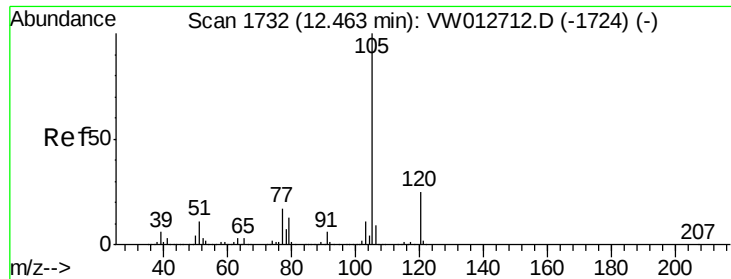
MMDadoda
9/11/2019 8:15:46 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.0	90.1
150	163.3	0.0	349.0





#73

Isopropylbenzene

Concen: 20.476 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion:105 Resp: 174736

Ion Ratio Lower Upper

105 100

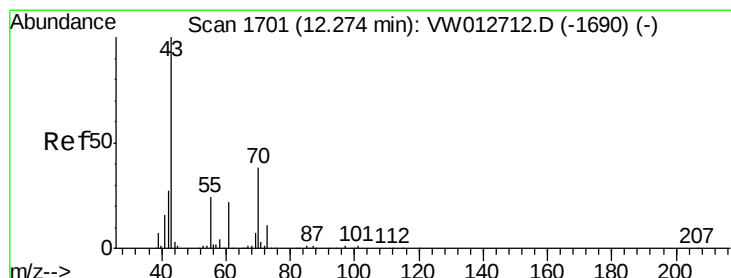
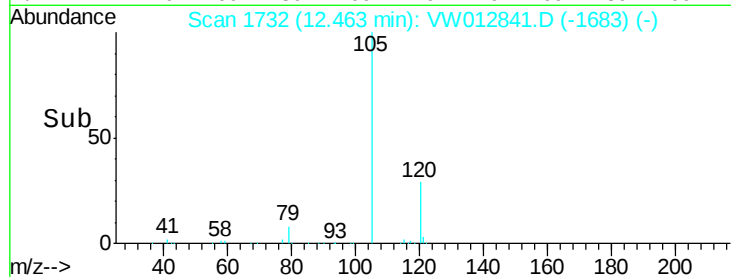
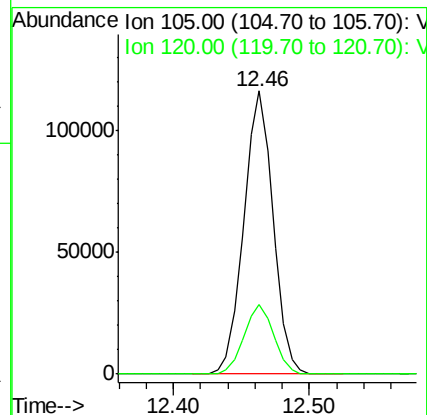
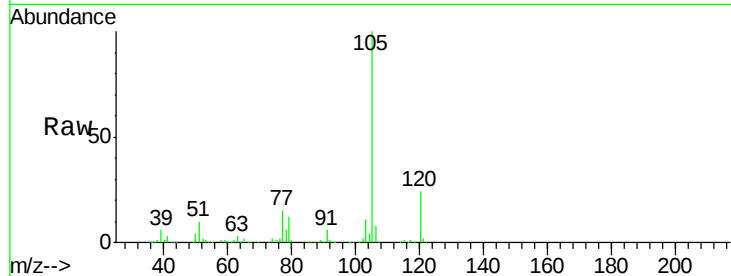
120 24.9 13.0 38.9

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#74

N-ethyl acetate

Concen: 21.475 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Tgt Ion: 43 Resp: 58171

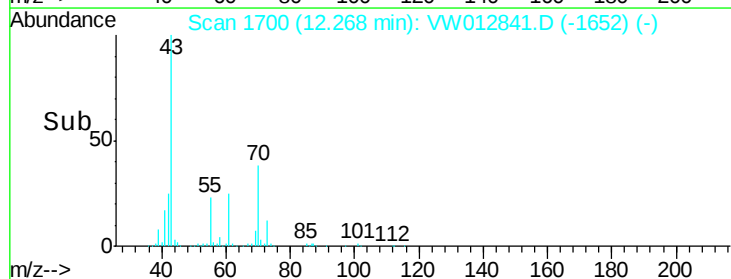
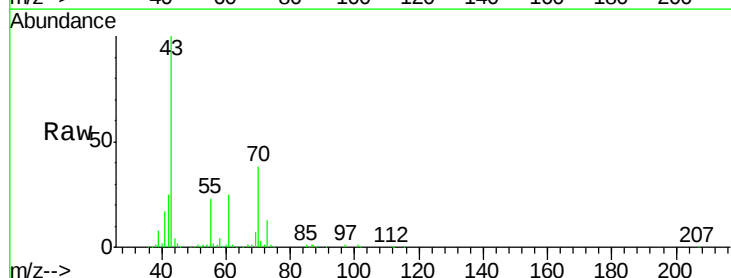
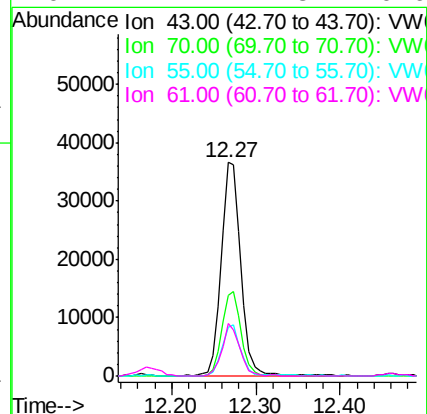
Ion Ratio Lower Upper

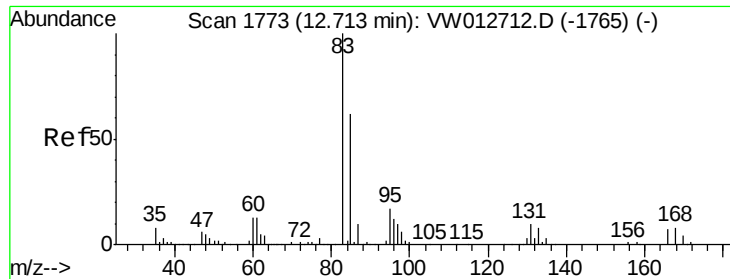
43 100

70 38.8 29.4 44.0

55 24.1 18.6 27.8

61 22.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.901 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

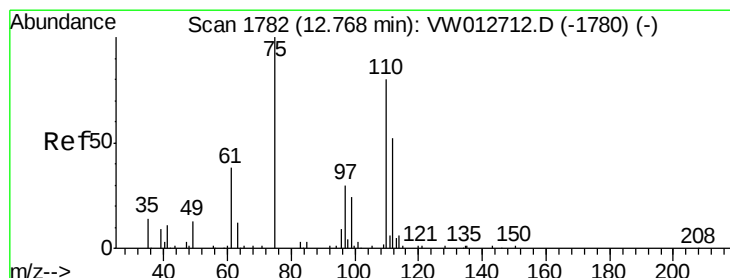
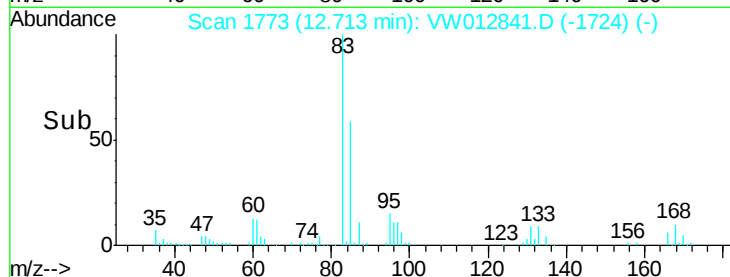
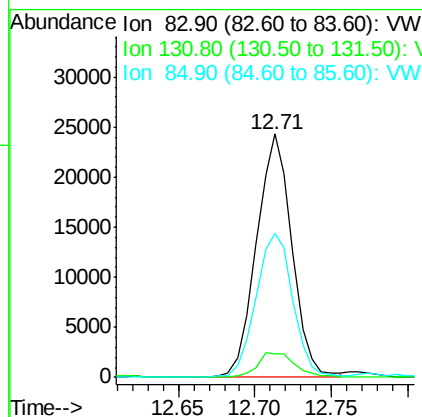
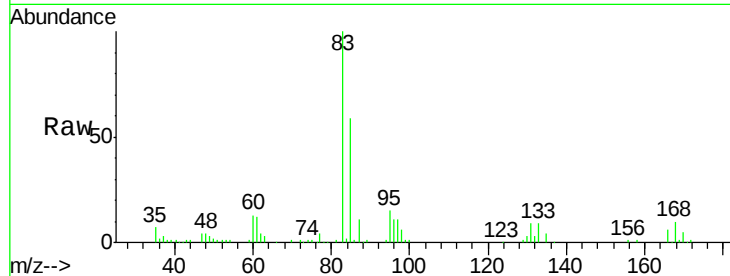
ClientSampleId :

VW0909SBS02

Tot Ion:	83	Resp:	39248
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	61.9	31.4	94.2

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#76

1,2,3-Trichloropropane

Concen: 25.588 ug/l m

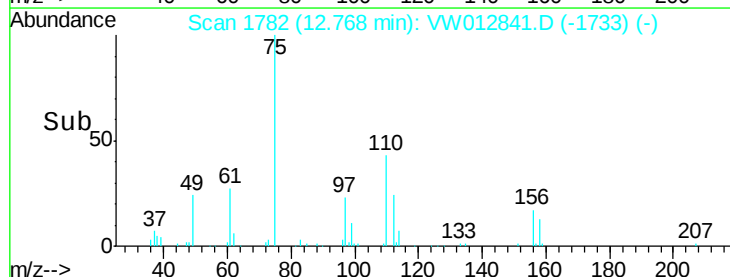
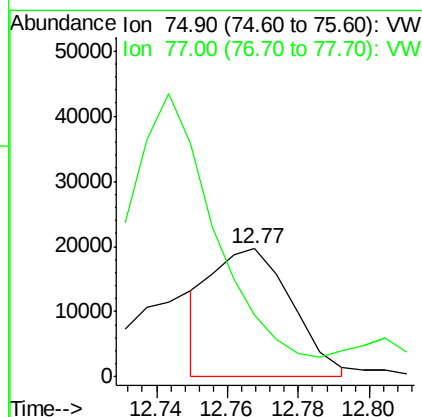
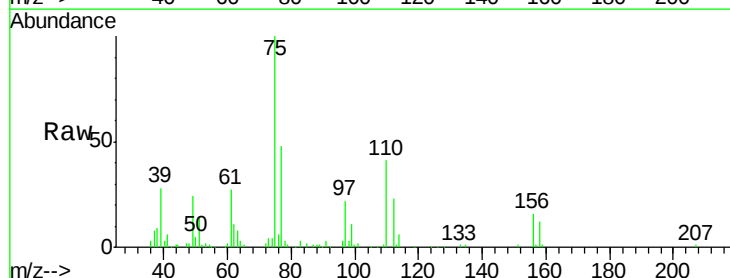
RT: 12.77 min Scan# 1782

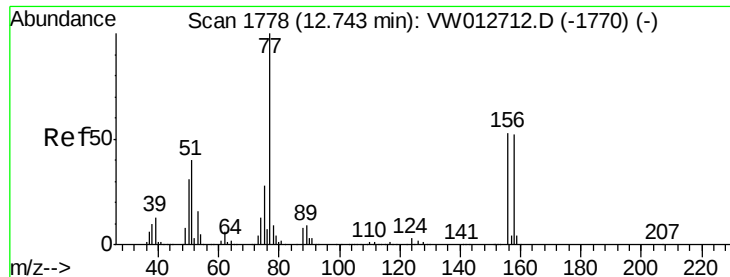
Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Tgt Ion:	75	Resp:	31131
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.813 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Instrument :

MSVOA_W

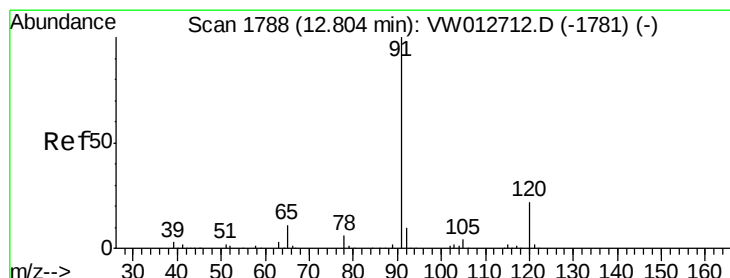
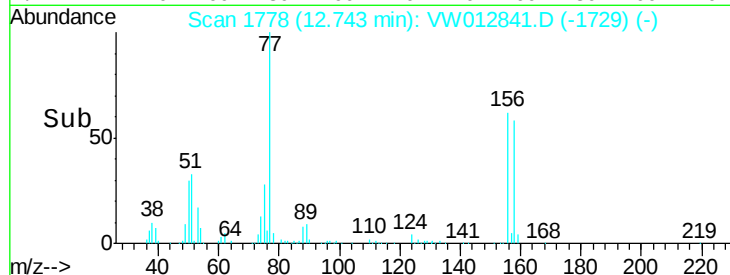
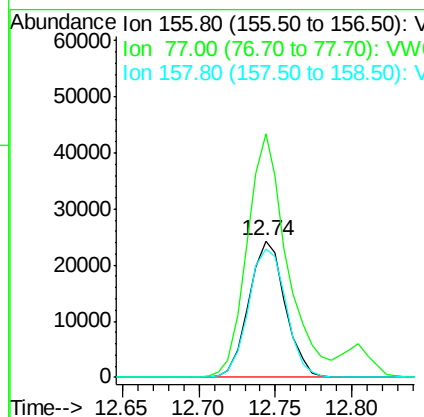
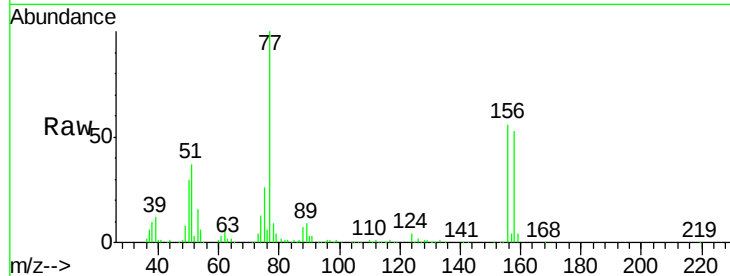
ClientSampleId :

VW0909SBSD02

Tot Ion:	156	Resp:	40240
Ion Ratio	Lower	Upper	
156	100		
77	195.0	102.3	306.9
158	97.7	48.9	146.8

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#78

n-propylbenzene

Concen: 19.648 ug/l

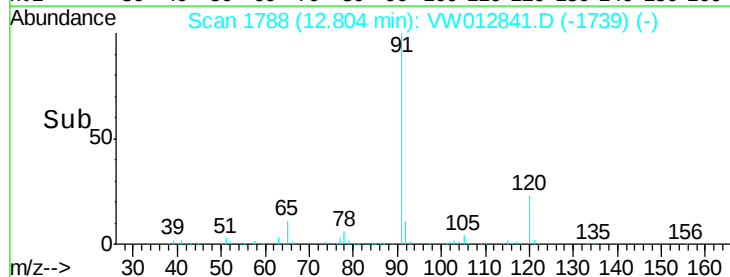
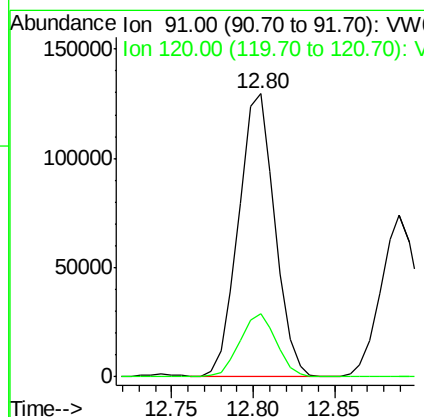
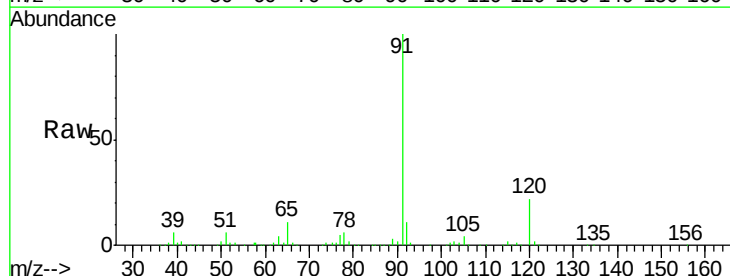
RT: 12.80 min Scan# 1788

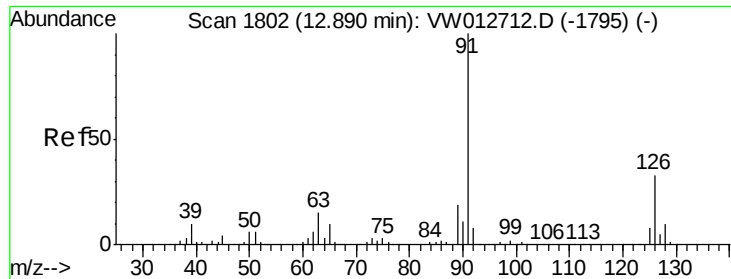
Delta R.T. 0.00 min

Lab File: VW012841.D

Acq: 10 Sep 2019 00:37

Tgt Ion:	91	Resp:	200533
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.0	33.0





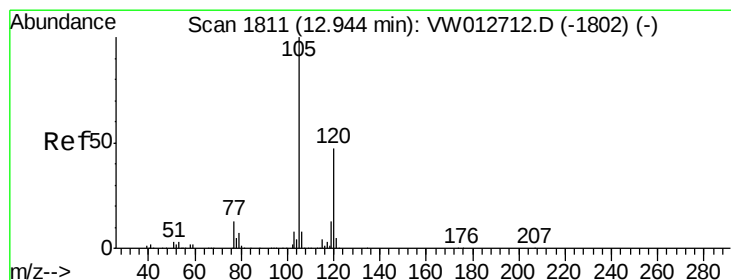
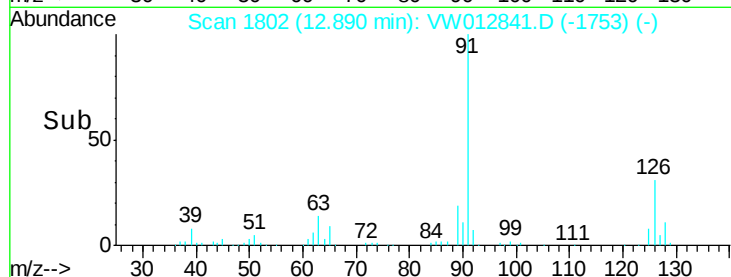
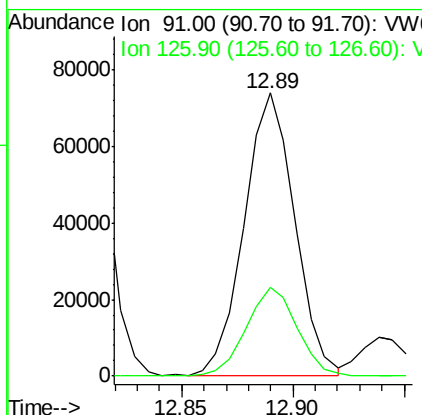
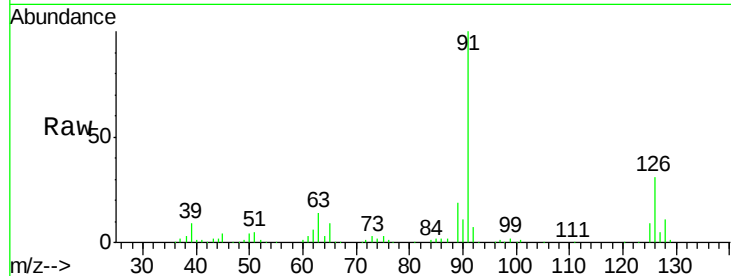
#79
 2-Chlorotoluene
 Concen: 19.840 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.1	48.3

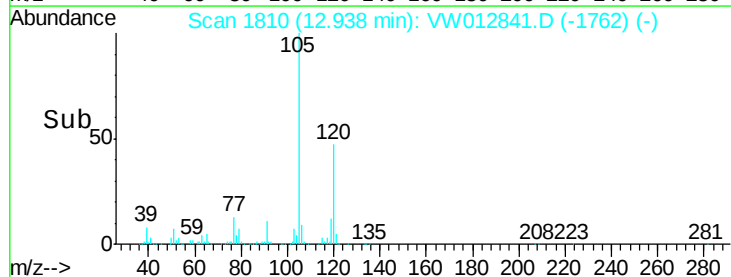
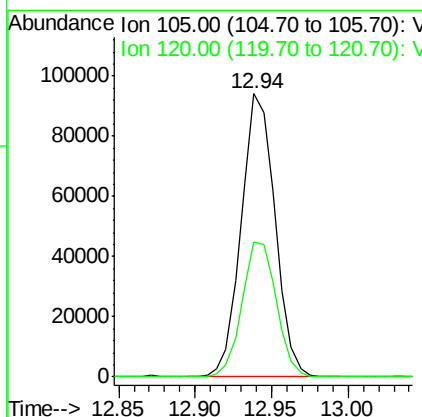
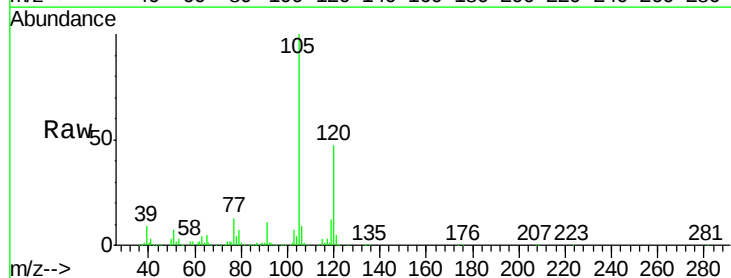
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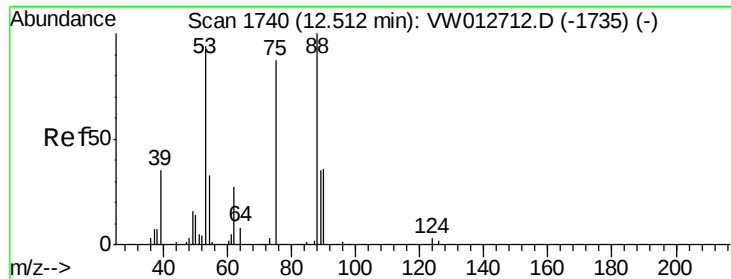
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.031 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.9	71.8





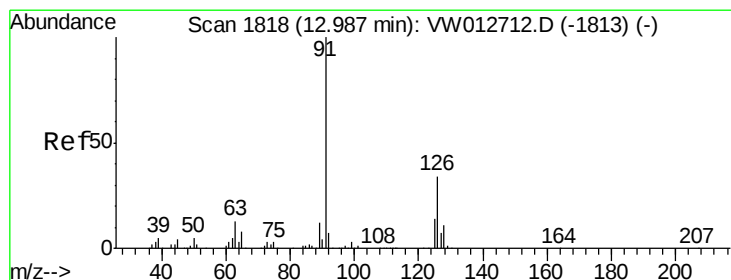
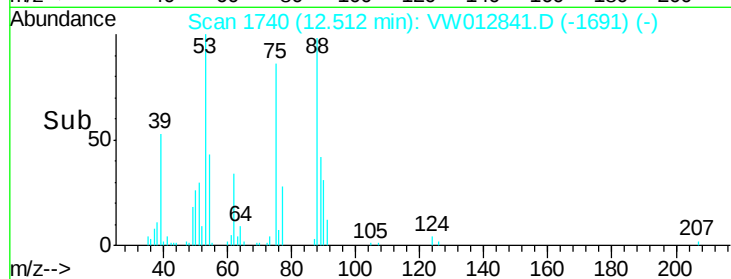
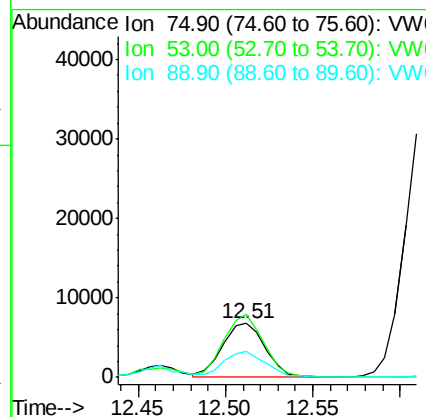
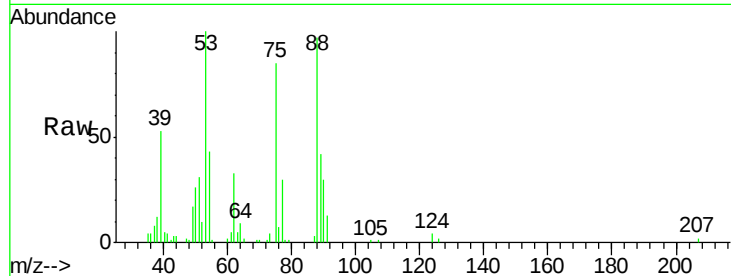
#81
trans-1,4-Dichloro-2-butene
Concen: 20.279 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.1	87.6	131.4
89	48.5	35.5	53.3

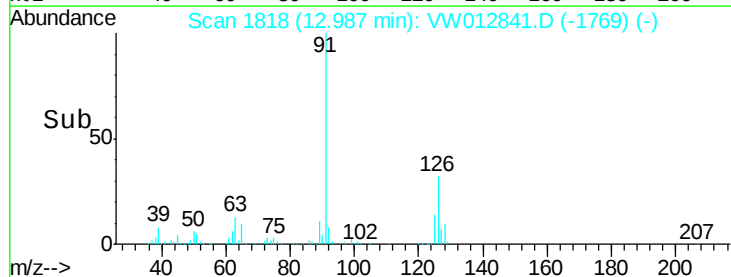
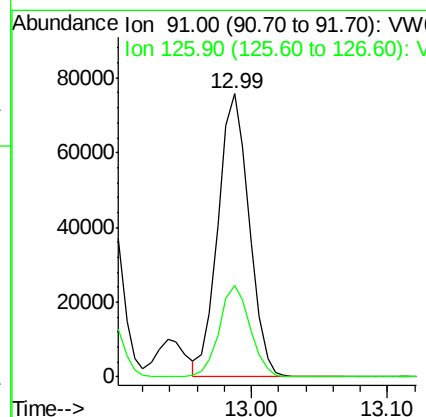
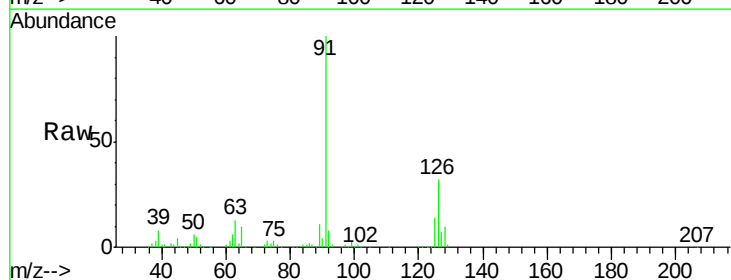
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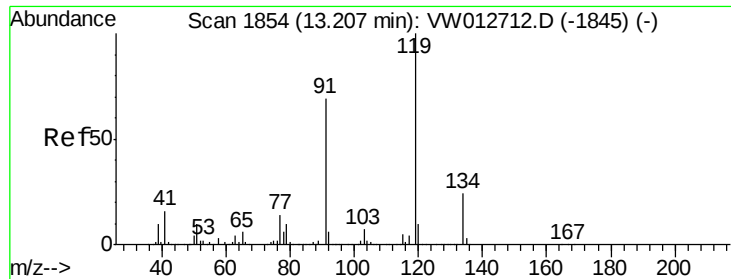
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#82
4-Chlorotoluene
Concen: 19.296 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.9	47.6





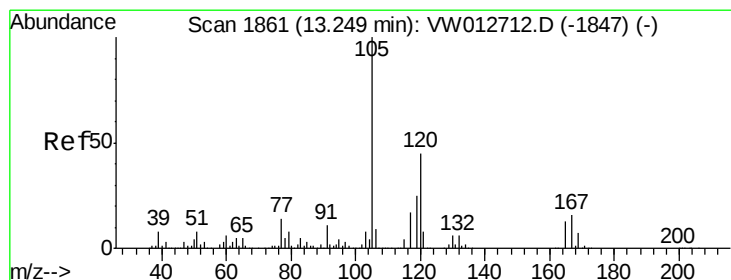
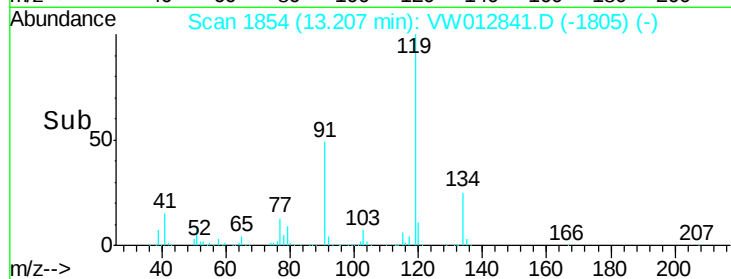
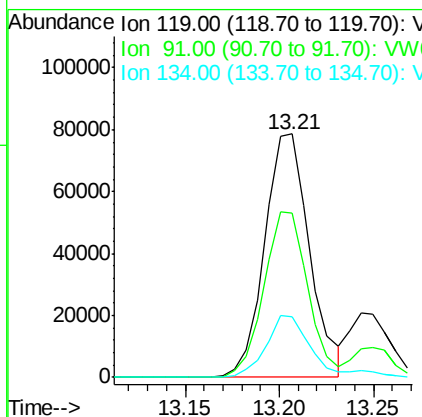
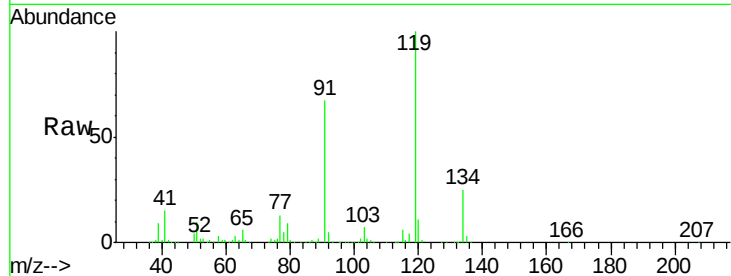
#83
tert-Butylbenzene
Concen: 20.477 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	34.2	102.5
134	26.1	12.3	36.9

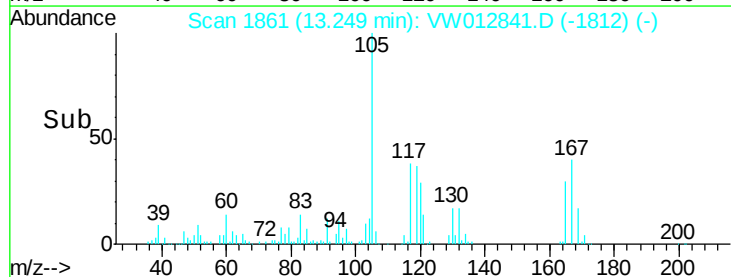
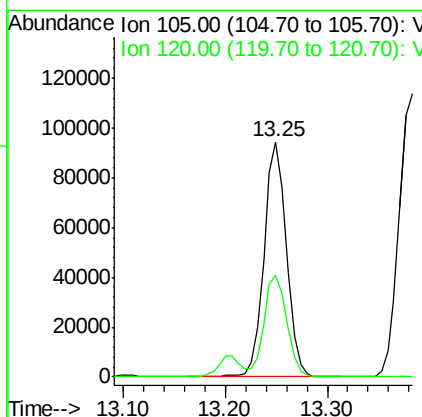
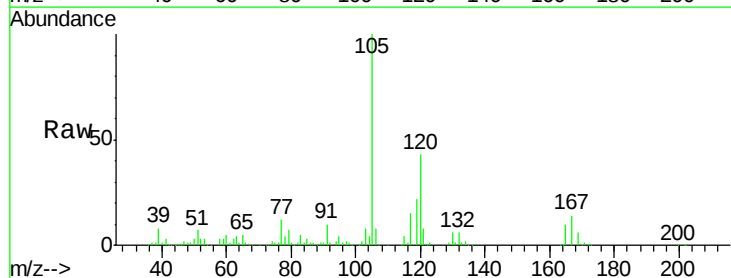
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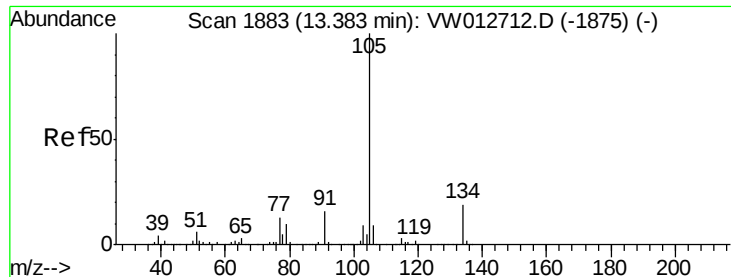
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#84
1,2,4-Trimethylbenzene
Concen: 19.909 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.1	66.3





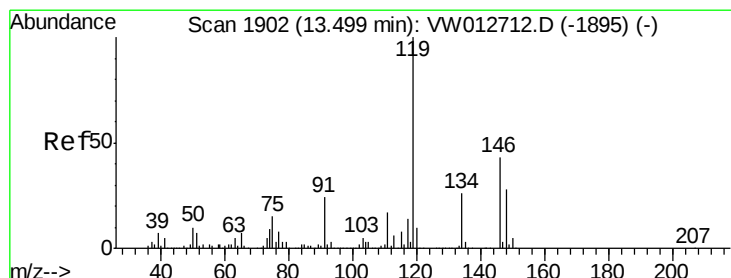
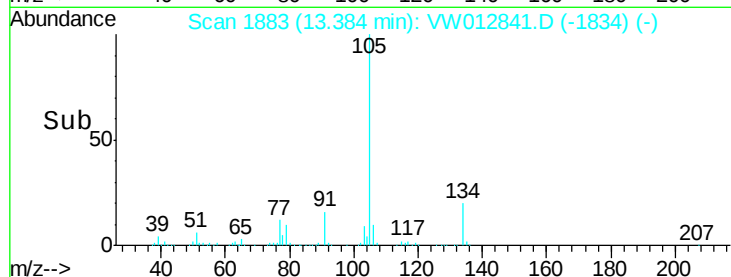
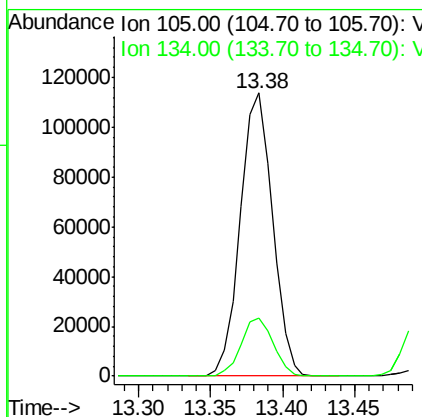
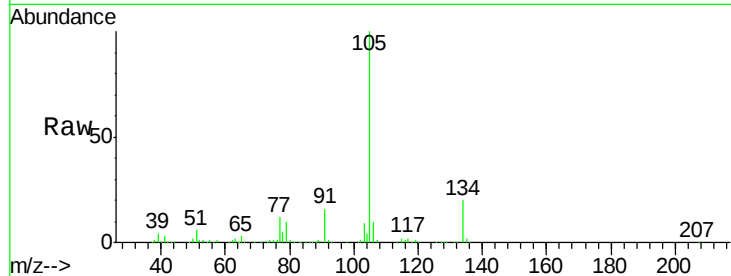
#85
 sec-Butylbenzene
 Concen: 20.058 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	176972		
134	20.3	9.8	29.3	

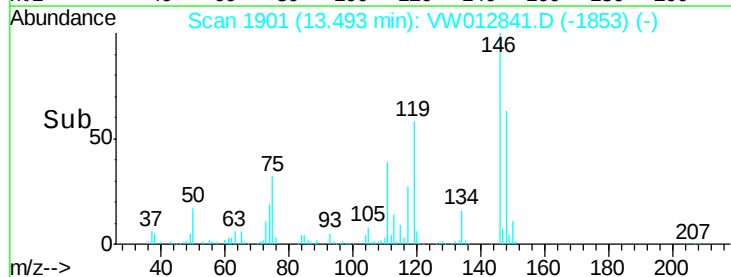
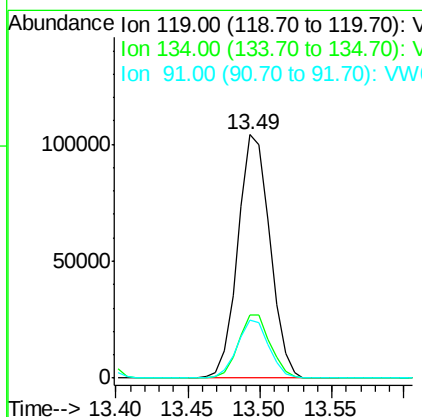
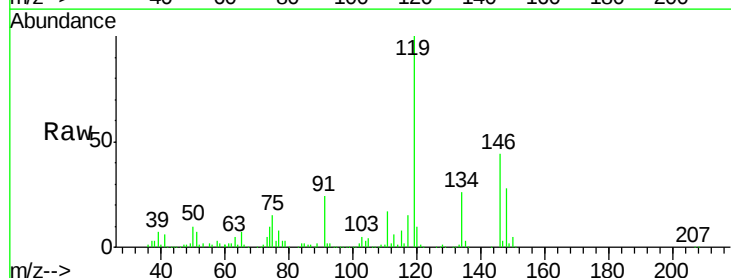
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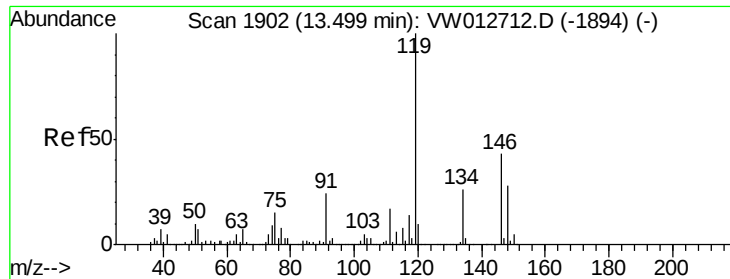
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#86
 p-Isopropyltoluene
 Concen: 19.922 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	160550		
134	26.0	12.7	38.1	
91	23.7	12.2	36.6	





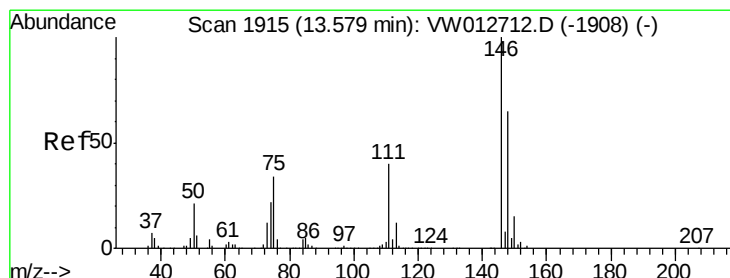
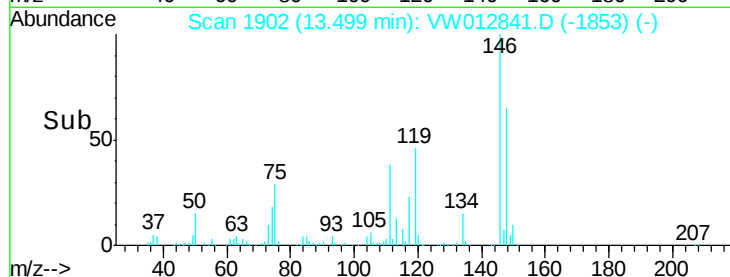
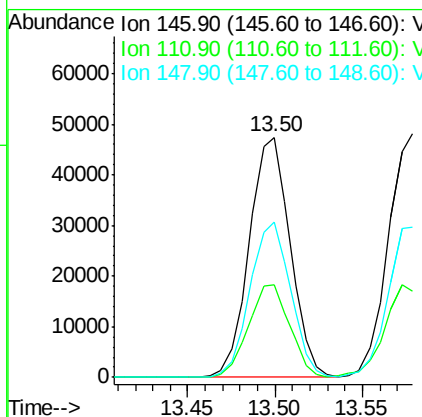
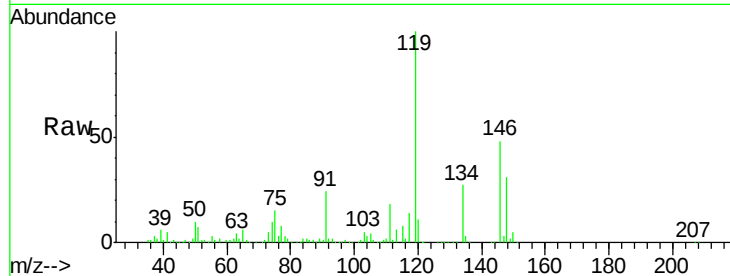
#87
 1,3-Dichlorobenzene
 Concen: 20.290 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.4	61.2
148	64.3	31.8	95.4

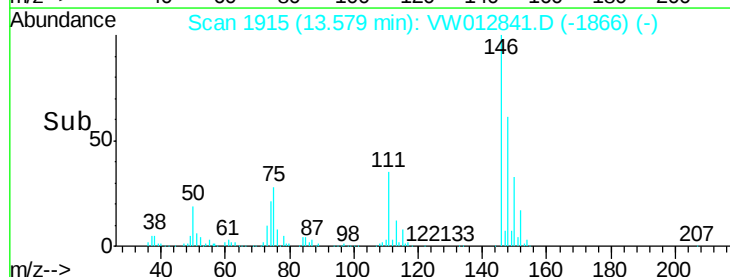
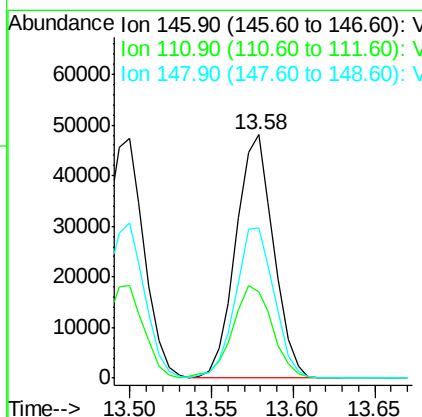
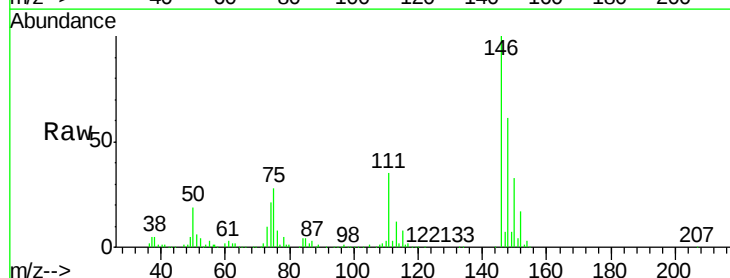
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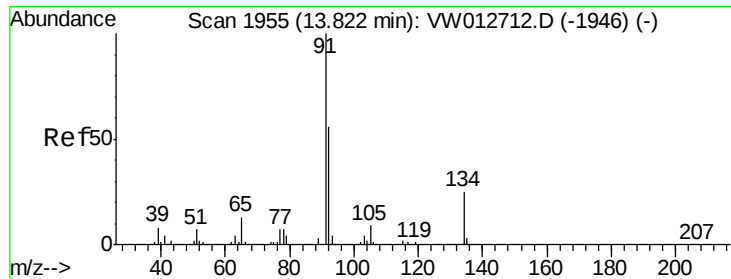
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#88
 1,4-Dichlorobenzene
 Concen: 20.428 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	63.3	32.2	96.6





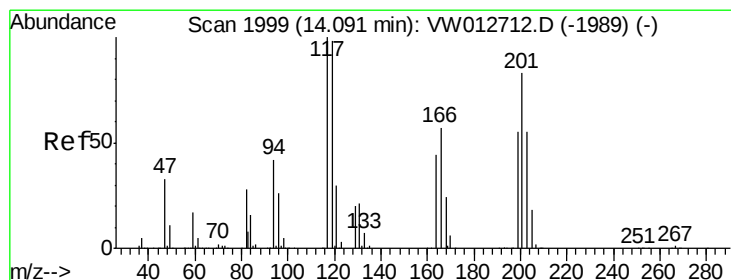
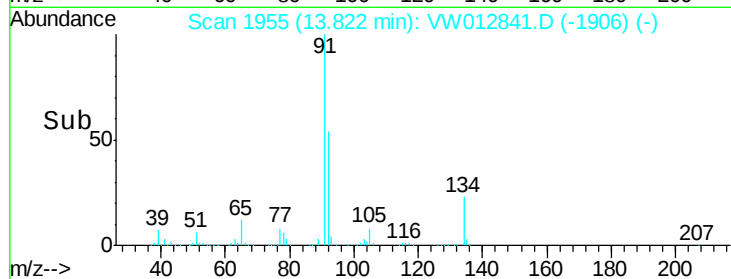
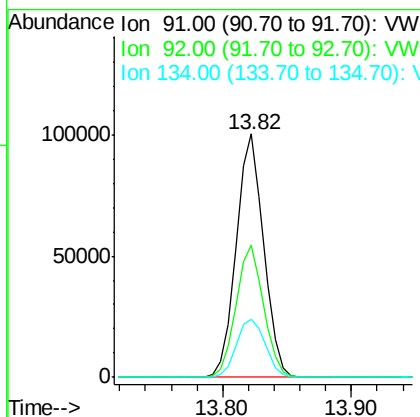
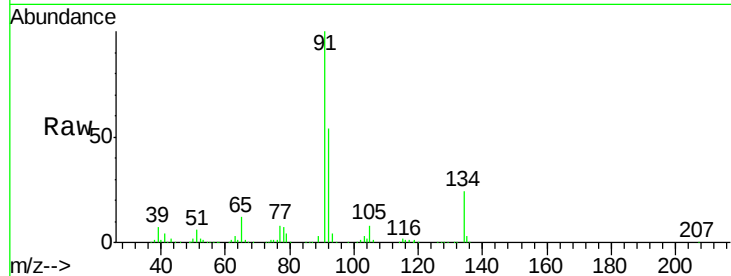
#89
n-Butylbenzene
Concen: 18.881 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	147723		
92	54.3		27.2	81.5
134	25.2		12.7	38.1

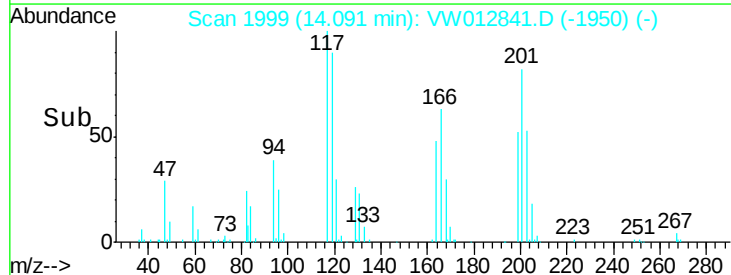
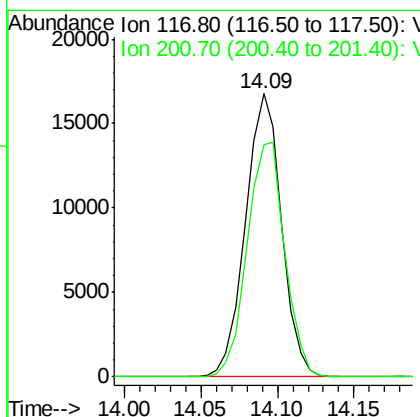
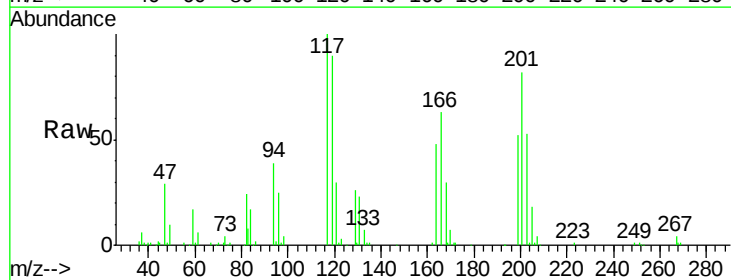
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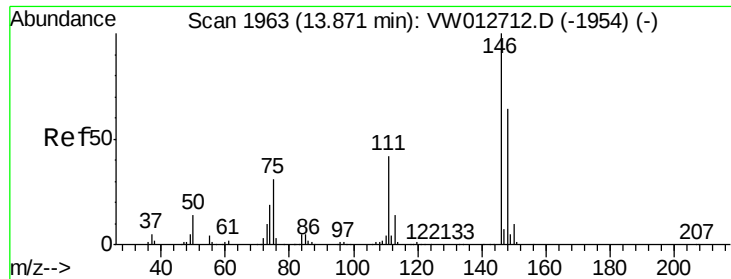
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#90
Hexachloroethane
Concen: 19.481 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27407		
201	86.5		42.8	128.4





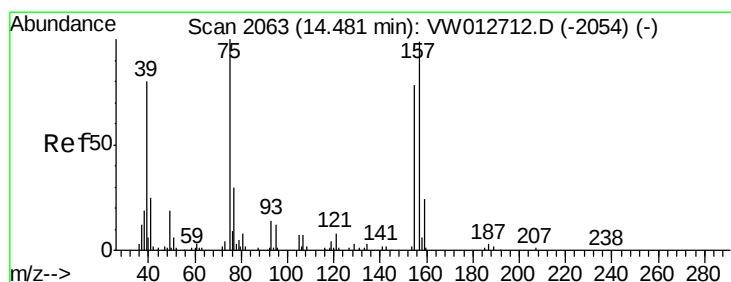
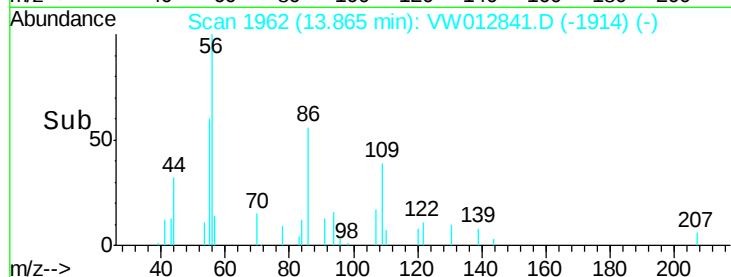
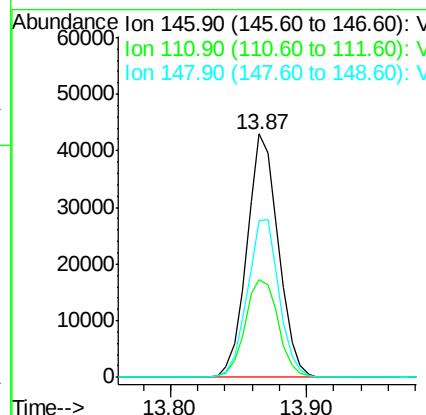
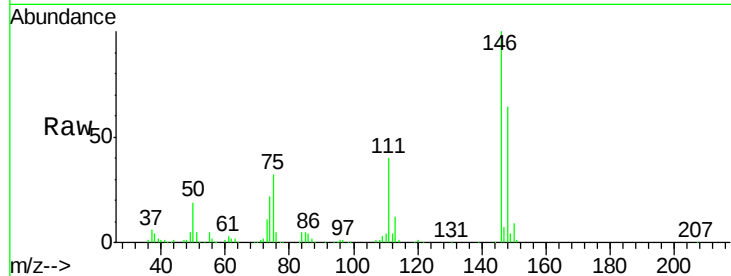
#91
 1,2-Dichlorobenzene
 Concen: 20.278 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	63.9
148	65.1	32.1	96.5

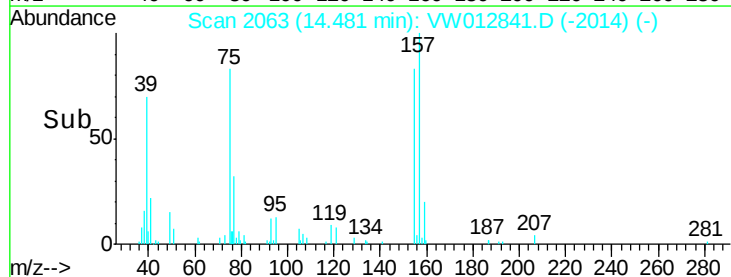
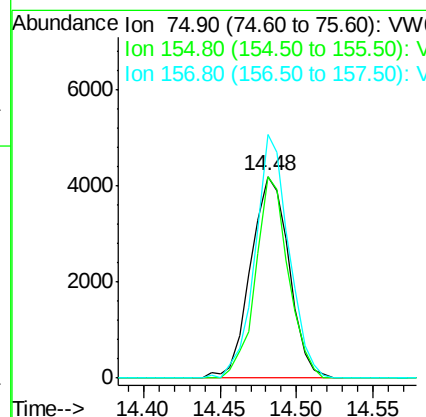
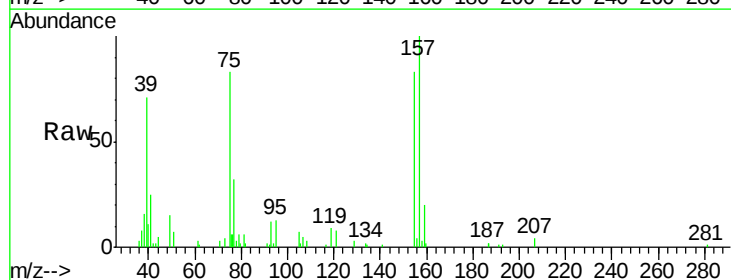
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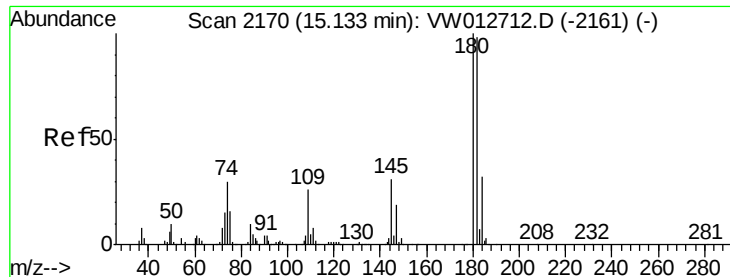
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.304 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	40.6	122.0
157	106.7	52.5	157.5





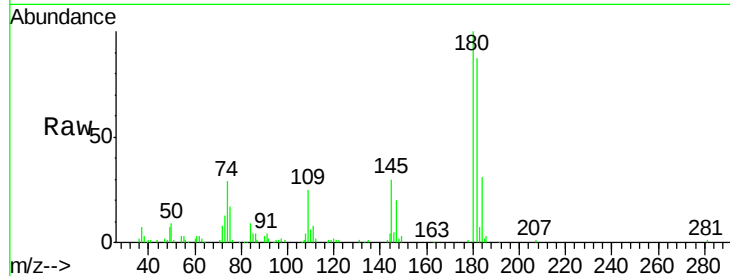
#93
 1,2,4-Trichlorobenzene
 Concen: 20.986 ug/l
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

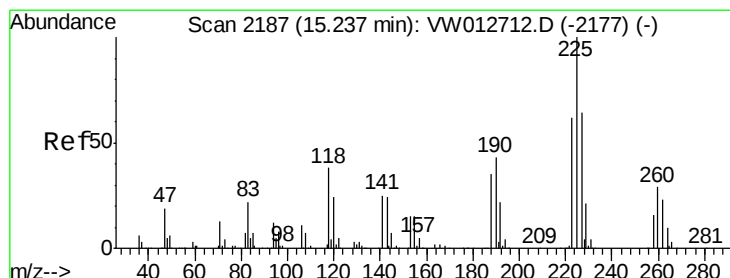
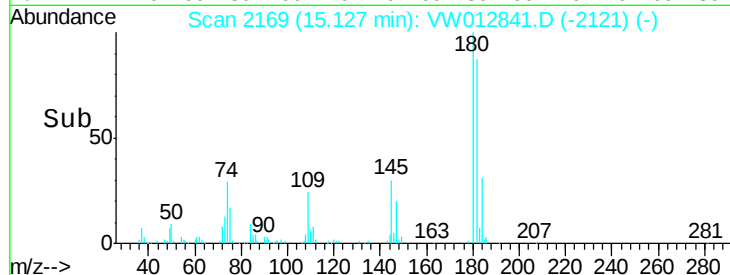
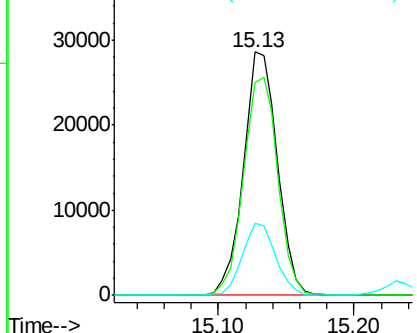
Tot Ion	Ratio	Resp	Lower	Upper
180	100	49975		
182	90.6	48.7	146.1	
145	29.0	15.0	45.1	

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 9/11/2019 8:15:46 AM

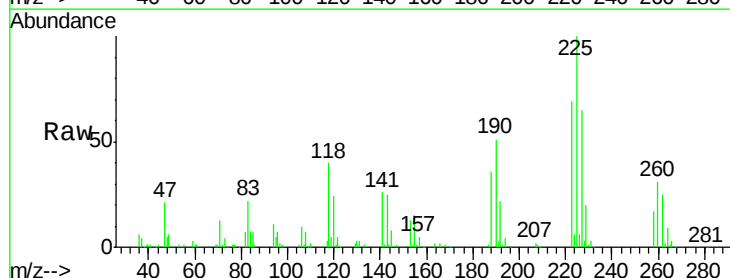


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

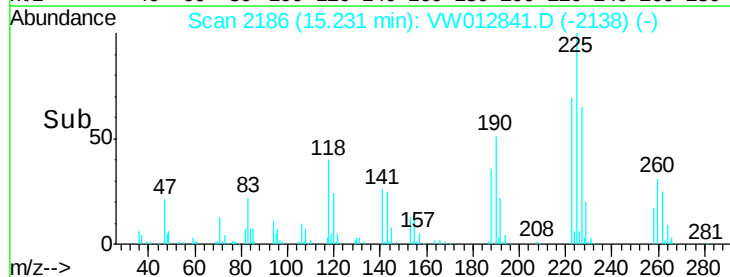
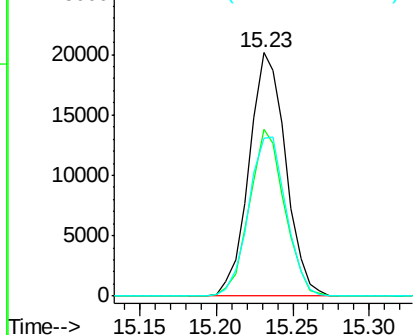


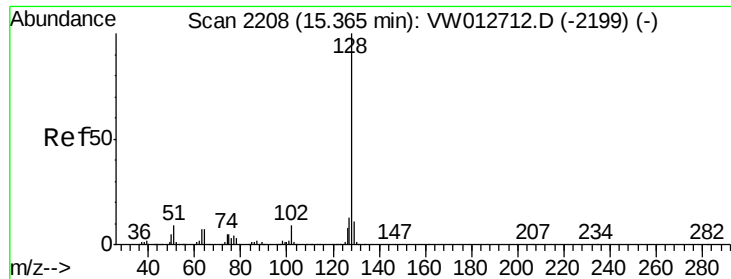
#94
 Hexachlorobutadiene
 Concen: 20.398 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012841.D
 Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33622		
223	65.7	31.1	93.3	
227	66.9	31.4	94.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





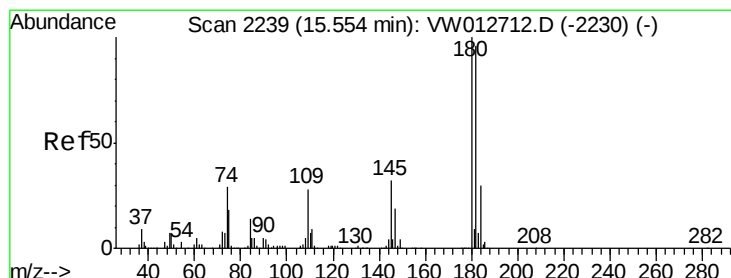
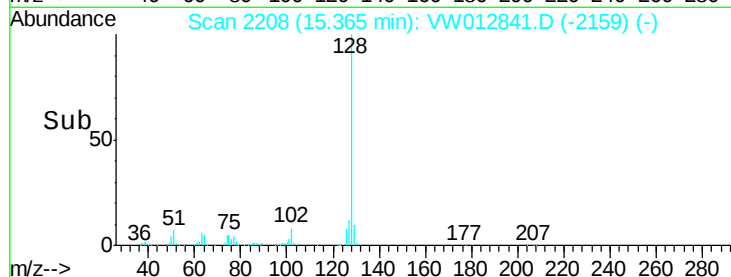
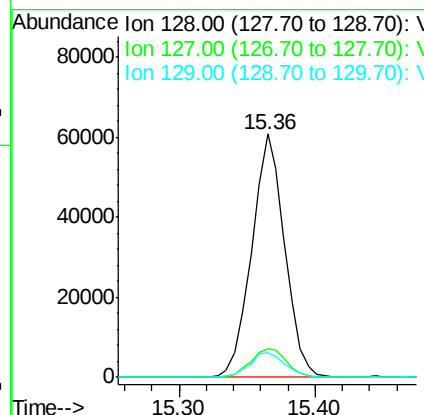
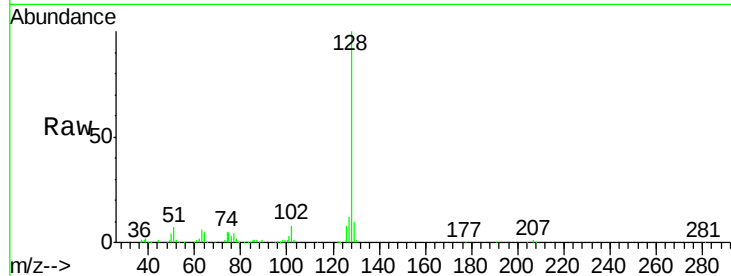
#95
Naphthalene
Concen: 23.244 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	103018		
127	13.0		10.7	16.1
129	11.0		8.7	13.1

Manual Integrations
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9/11/2019 8:15:46 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.001 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012841.D
Acq: 10 Sep 2019 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	46247		
182	95.1		47.8	143.3
145	30.9		15.4	46.2

