

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011052.D
 Acq On : 28 Jun 2019 11:12
 Operator : SY/VA
 Sample : VW0629SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 8:26:22 AM

Quant Time: Jun 29 02:02:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	221194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	139231	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	7.88	113	109676	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	10.32	98	466950	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.62	95	166297	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38772	23.252	ug/l	98
3) Chloromethane	2.21	50	47817	21.391	ug/l	99
4) Vinyl Chloride	2.35	62	62709	21.546	ug/l	97
5) Bromomethane	2.73	94	26894	18.564	ug/l	100
6) Chloroethane	2.90	64	30845	20.101	ug/l	96
7) Trichlorofluoromethane	3.23	101	18126	21.193	ug/l	96
8) Diethyl Ether	3.67	74	25756	19.014	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	48353	20.101	ug/l	99
10) Methyl Iodide	4.26	142	66235	19.681	ug/l	99
11) Tert butyl alcohol	5.17	59	16825	80.115	ug/l	97
12) 1,1-Dichloroethene	4.03	96	50759	20.272	ug/l	99
13) Acrolein	3.89	56	15900	97.089	ug/l	98
14) Allyl chloride	4.65	41	84344	20.930	ug/l	96
15) Acrylonitrile	5.36	53	60715	91.022	ug/l	98
16) Acetone	4.12	43	62843	89.035	ug/l	99
17) Carbon Disulfide	4.37	76	137254	19.322	ug/l	100
18) Methyl Acetate	4.67	43	35287	19.300	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	68188	19.241	ug/l	100
20) Methylene Chloride	4.91	84	54078	18.857	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	51543	19.977	ug/l	95
22) Diisopropyl ether	6.30	45	190597	19.654	ug/l	98
23) Vinyl Acetate	6.24	43	543665	90.985	ug/l	99
24) 1,1-Dichloroethane	6.21	63	100618	19.656	ug/l	100
25) 2-Butanone	7.17	43	91234	85.037	ug/l	100
26) 2,2-Dichloropropane	7.16	77	47578	17.902	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	53773	19.357	ug/l	99
28) Bromochloromethane	7.51	49	44978	18.875	ug/l	98
29) Tetrahydrofuran	7.52	42	59350	88.864	ug/l	99
30) Chloroform	7.67	83	91701	19.719	ug/l	98
31) Cyclohexane	7.95	56	112827	20.398	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68828	19.806	ug/l	99
36) 1,1-Dichloropropene	8.07	75	79743	20.418	ug/l	99
37) Ethyl Acetate	7.25	43	40543	17.845	ug/l	99
38) Carbon Tetrachloride	8.06	117	63675	19.798	ug/l	98

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Manual Integrations
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MMDadoda
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Quant Time: Jun 29 02:02:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	96258	20.027	ug/l	98
40) Benzene	8.32	78	216117	20.119	ug/l	97
41) Methacrylonitrile	7.48	41	22835	16.520	ug/l	91
42) 1,2-Dichloroethane	8.39	62	68757	19.522	ug/l	100
43) Isopropyl Acetate	8.42	43	76071	17.699	ug/l	99
44) Trichloroethene	9.09	130	51833	19.966	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57071	19.565	ug/l	95
46) Dibromomethane	9.46	93	25246	18.506	ug/l	99
47) Bromodichloromethane	9.64	83	63396	18.769	ug/l	99
48) Methyl methacrylate	9.43	41	36740	17.630	ug/l	98
49) 1,4-Dioxane	9.45	88	8211	357.966	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	200702	88.711	ug/l	99
52) Toluene	10.38	92	131553	20.004	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64002	18.192	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	79067	18.840	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	36176	18.769	ug/l	97
56) Ethyl methacrylate	10.64	69	52239	18.099	ug/l	98
57) 1,3-Dichloropropane	10.93	76	68842	18.777	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	127891	87.577	ug/l	100
59) 2-Hexanone	10.97	43	138230	87.613	ug/l	99
60) Dibromochloromethane	11.13	129	36756	18.186	ug/l	99
61) 1,2-Dibromoethane	11.23	107	33861	18.766	ug/l	98
64) Tetrachloroethene	10.86	164	42708	19.550	ug/l	96
65) Chlorobenzene	11.66	112	129364	19.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	42487	19.258	ug/l	99
67) Ethyl Benzene	11.73	91	256042	20.572	ug/l	100
68) m/p-Xylenes	11.84	106	184432	40.838	ug/l	99
69) o-Xylene	12.16	106	85437	20.311	ug/l	100
70) Styrene	12.18	104	146592	20.055	ug/l	100
71) Bromoform	12.35	173	18717	17.402	ug/l #	98
73) Isopropylbenzene	12.46	105	238384	20.104	ug/l	100
74) N-amyl acetate	12.27	43	72497	18.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	43220	18.561	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30032m	17.972	ug/l	
77) Bromobenzene	12.74	156	51496	19.758	ug/l	97
78) n-propylbenzene	12.80	91	299931	20.426	ug/l	99
79) 2-Chlorotoluene	12.89	91	170317	20.302	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	203535	20.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11592	17.651	ug/l	92
82) 4-Chlorotoluene	12.99	91	175823	20.112	ug/l	98
83) tert-Butylbenzene	13.21	119	169126	20.180	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	205151	20.195	ug/l	99
85) sec-Butylbenzene	13.38	105	249049	20.456	ug/l	99
86) p-Isopropyltoluene	13.50	119	223930	20.439	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101980	19.780	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	101009	19.626	ug/l	99
89) n-Butylbenzene	13.82	91	226835	20.370	ug/l	99
90) Hexachloroethane	14.10	117	35166	18.759	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	90479	19.540	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7254	18.330	ug/l	96

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Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66197	20.319	ug/l	100
94) Hexachlorobutadiene	15.24	225	40435	20.463	ug/l	100
95) Naphthalene	15.37	128	114637	18.732	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	57589	19.796	ug/l	99

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

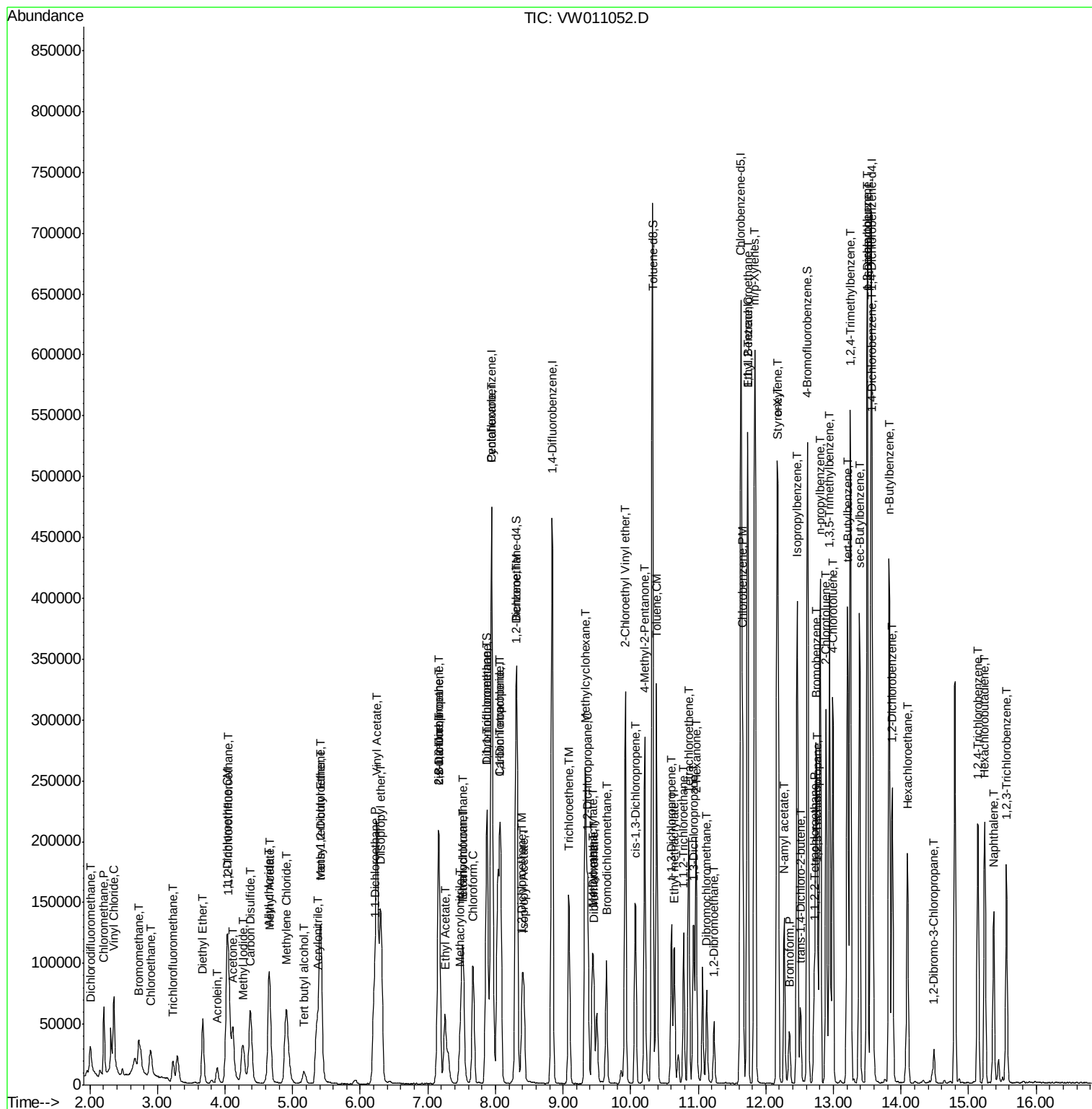
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 Data File : VW011052.D
 Acq On : 28 Jun 2019 11:12
 Operator : SY/VA
 Sample : VW0629SBS01
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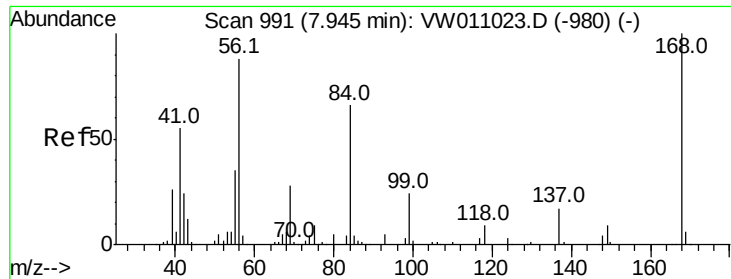
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion:168 Resp: 221194

Ion Ratio Lower Upper

168 100

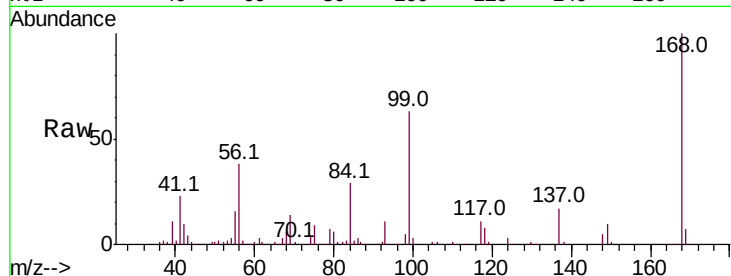
99 62.9 47.8 71.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

100000

80000

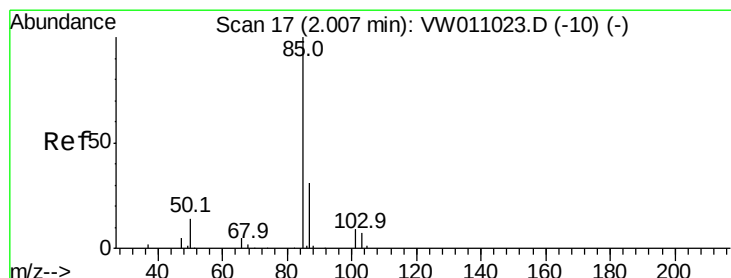
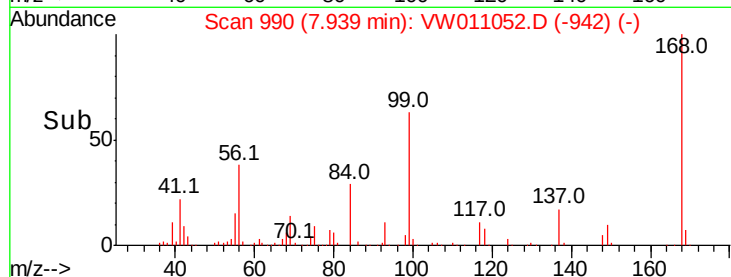
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 23.252 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011052.D

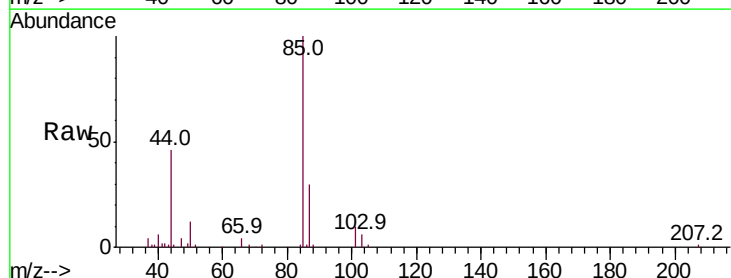
Acq: 28 Jun 2019 11:12

Tgt Ion: 85 Resp: 38772

Ion Ratio Lower Upper

85 100

87 30.4 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

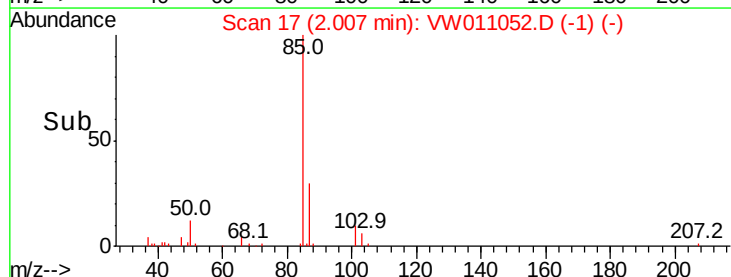
15000

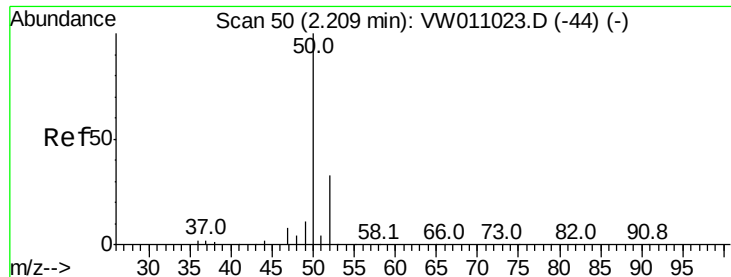
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.391 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 50 Resp: 47817

Ion Ratio Lower Upper

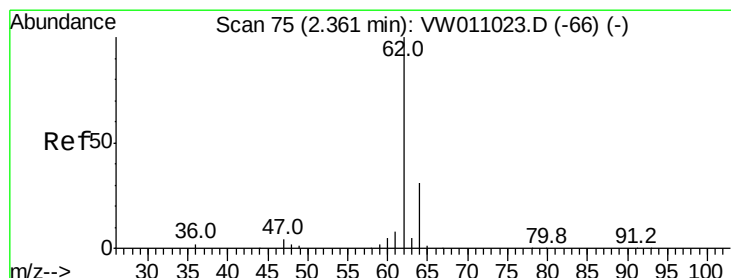
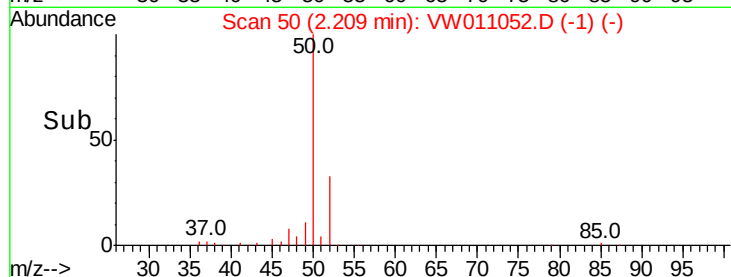
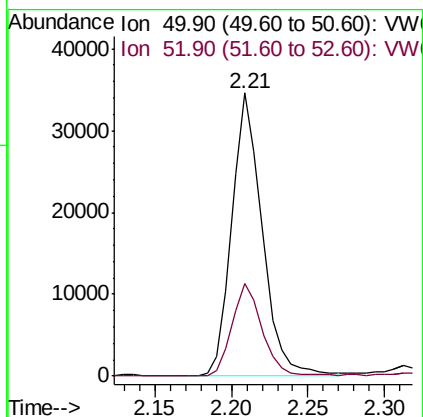
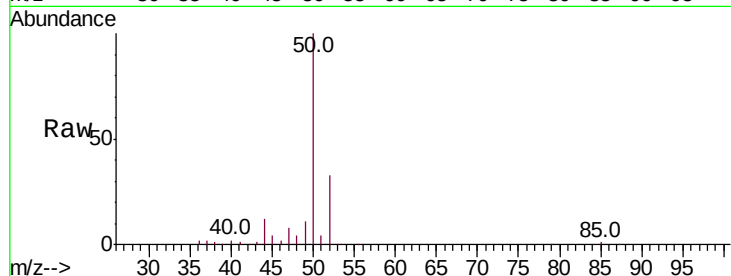
50 100

52 32.5 26.6 40.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.546 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011052.D

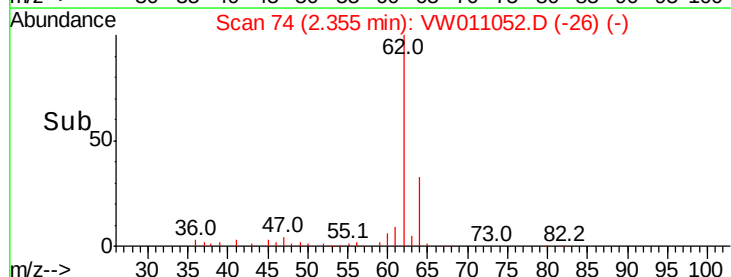
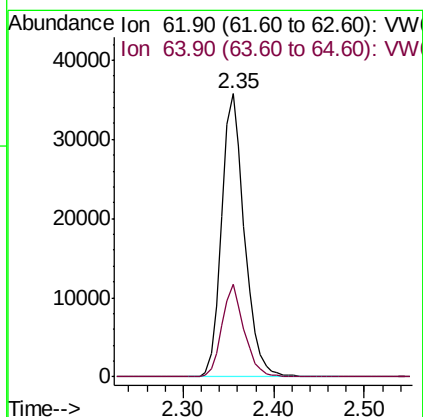
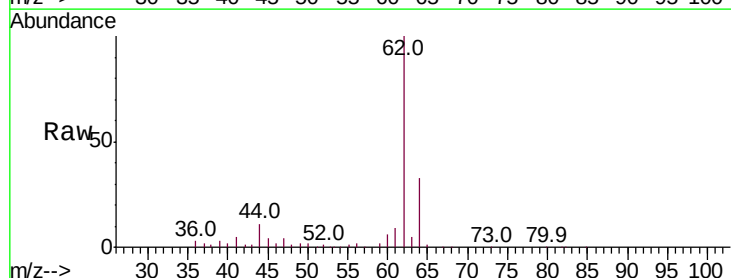
Acq: 28 Jun 2019 11:12

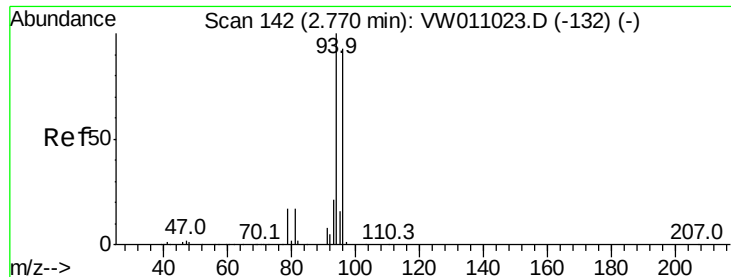
Tgt Ion: 62 Resp: 62709

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 18.564 ug/l

RT: 2.73 min Scan# 135

Delta R.T. -0.04 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 94 Resp: 26894

Ion Ratio Lower Upper

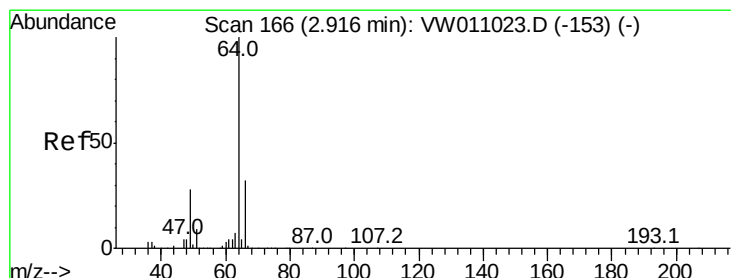
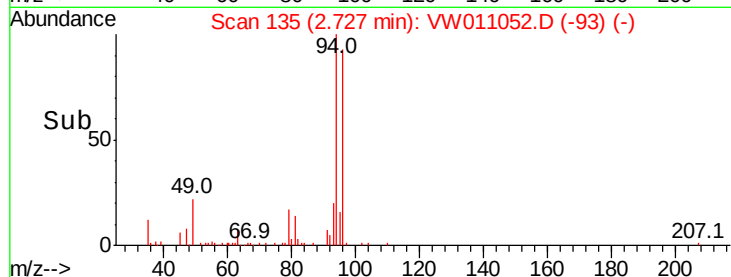
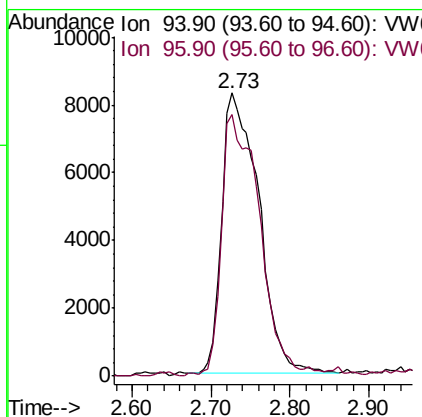
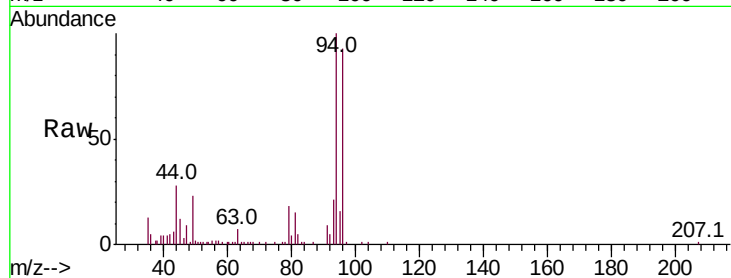
94 100

96 92.4 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 20.101 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW011052.D

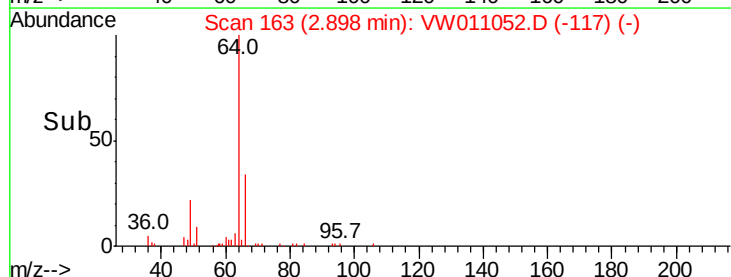
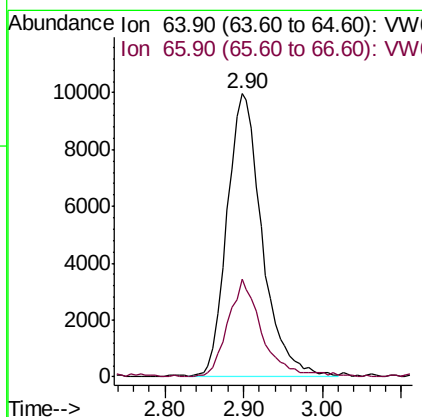
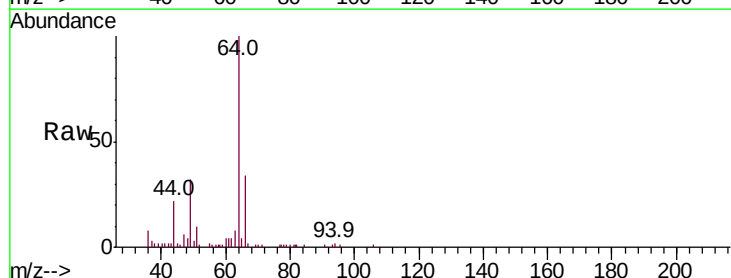
Acq: 28 Jun 2019 11:12

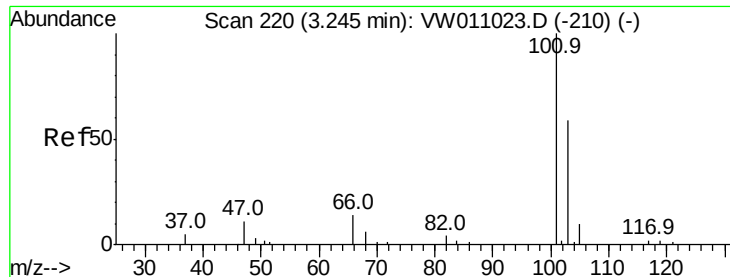
Tgt Ion: 64 Resp: 30845

Ion Ratio Lower Upper

64 100

66 34.4 25.7 38.5





#7

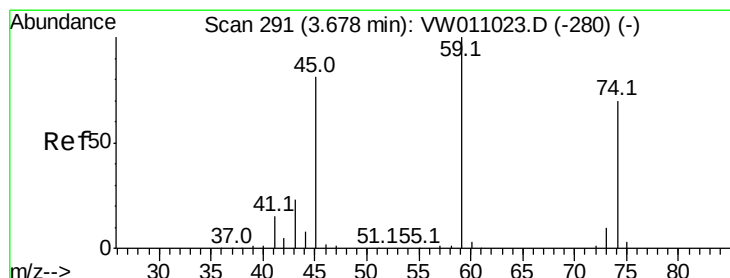
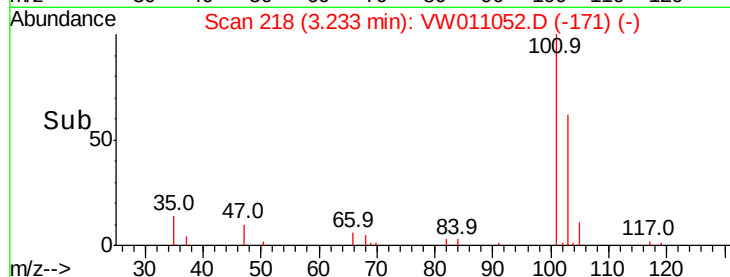
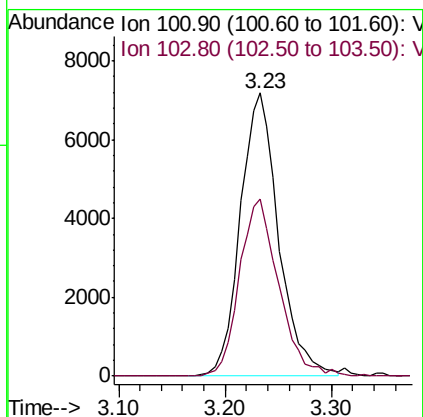
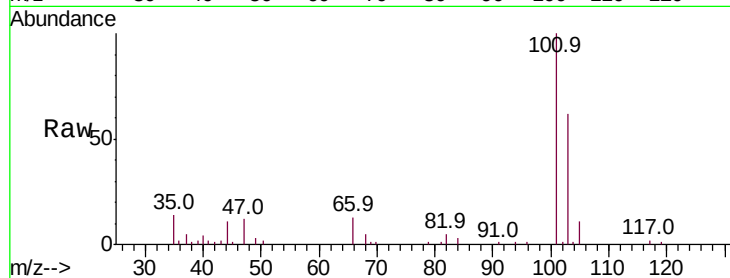
Trichlorofluoromethane
Concen: 21.193 ug/l
RT: 3.23 min Scan# 218
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion:101 Resp: 18126
Ion Ratio Lower Upper
101 100
103 62.5 47.5 71.3

Manual Integrations
APPROVED

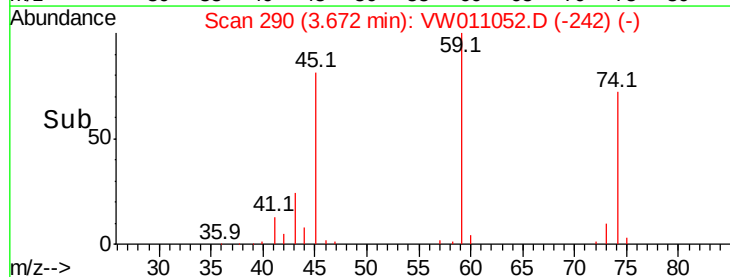
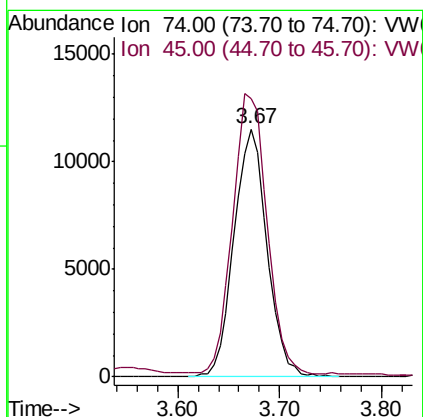
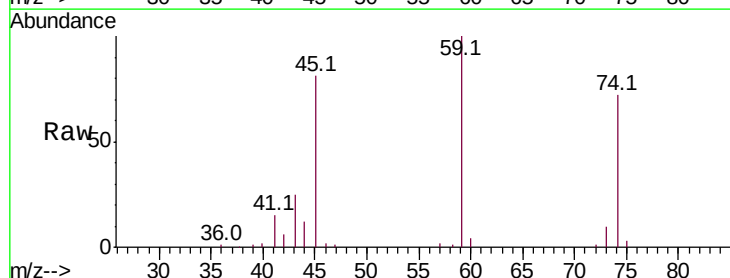
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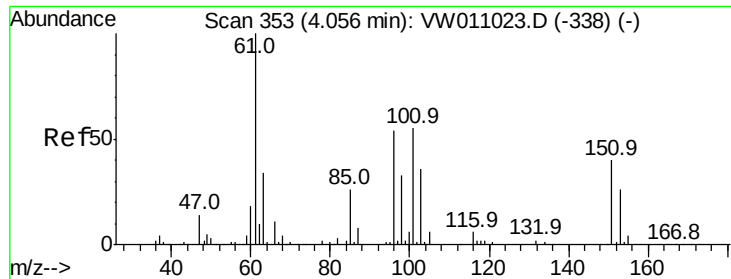


#8

Diethyl Ether
Concen: 19.014 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 74 Resp: 25756
Ion Ratio Lower Upper
74 100
45 118.5 59.5 178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.101 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

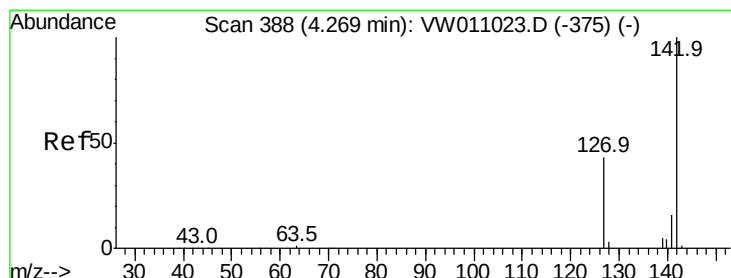
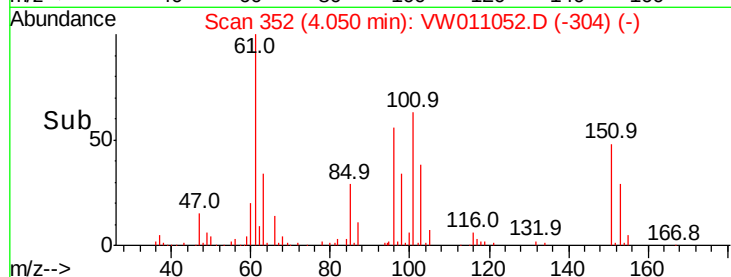
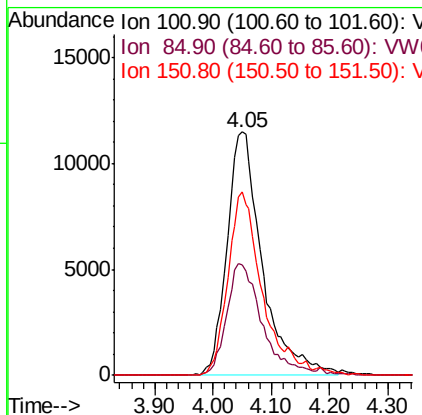
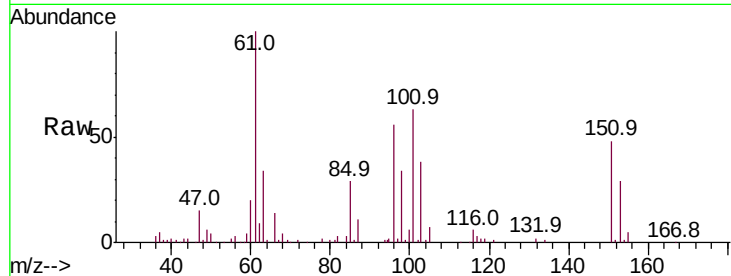
ClientSampleId :

VW0629SBS01

Tot Ion:	101	Resp:	48353
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.6	55.0
151	72.5	58.9	88.3

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#10

Methyl Iodide

Concen: 19.681 ug/l

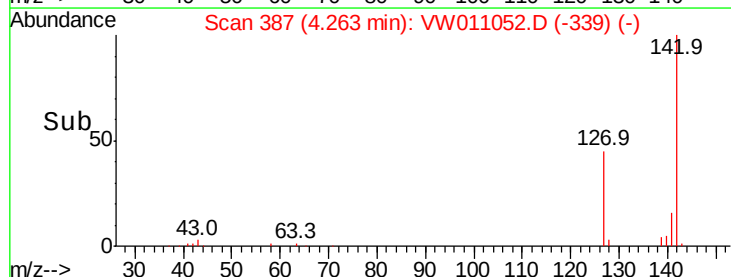
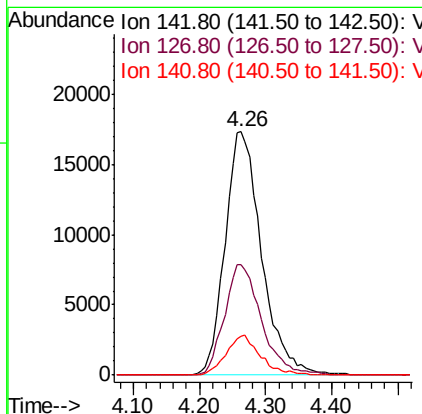
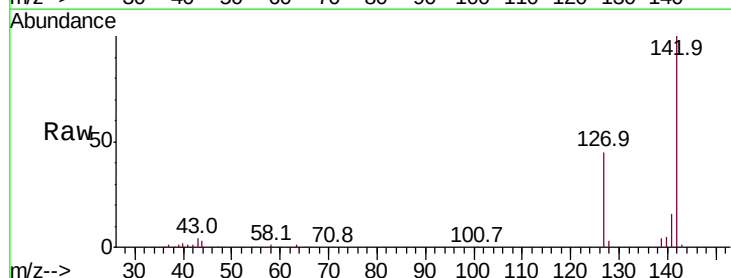
RT: 4.26 min Scan# 387

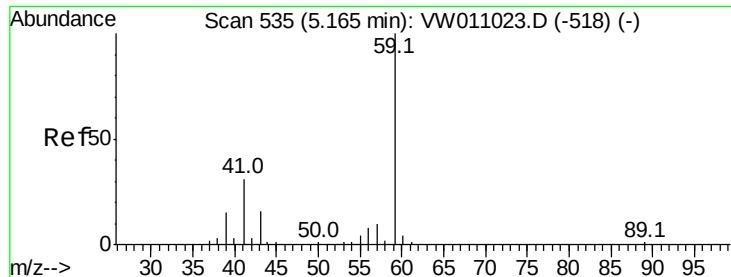
Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion:	142	Resp:	66235
Ion Ratio	Lower	Upper	
142	100		
127	46.0	35.8	53.8
141	15.4	12.2	18.2





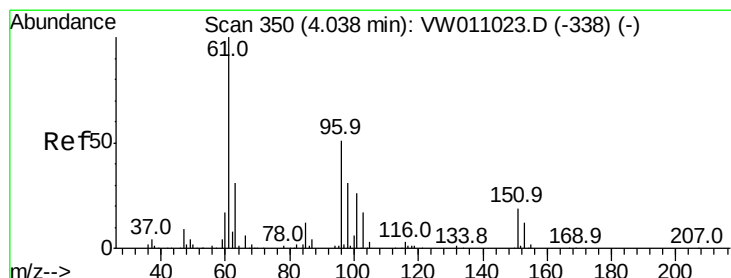
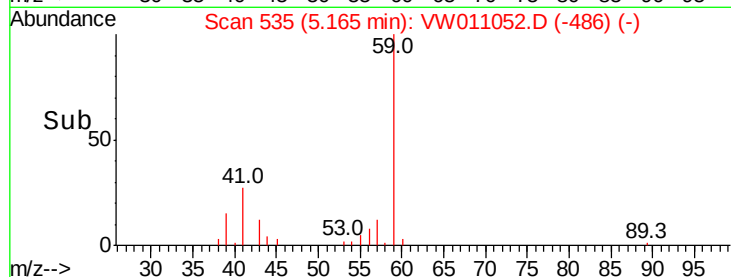
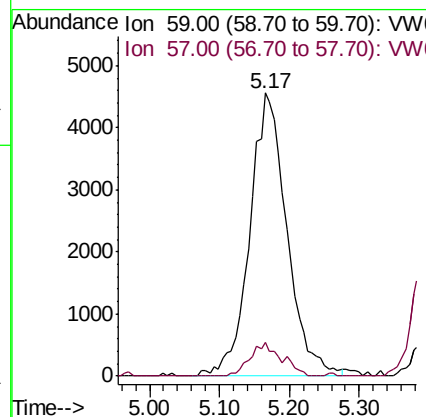
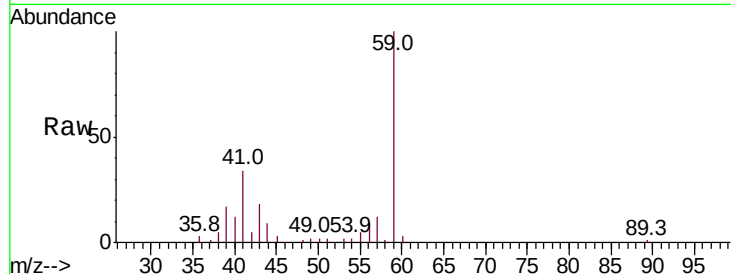
#11
Tert butyl alcohol
Concen: 80.115 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	9.0	13.4

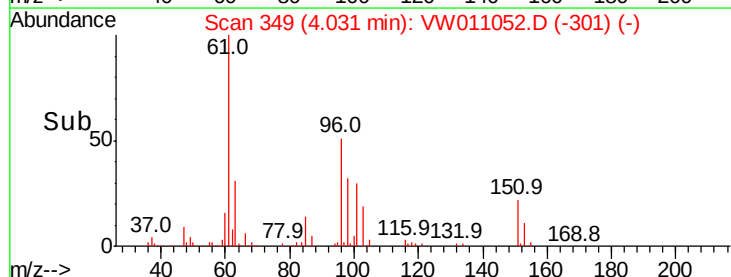
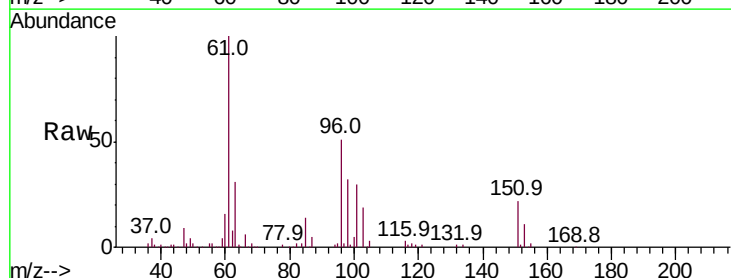
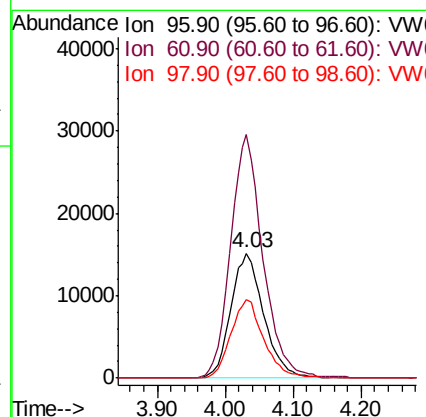
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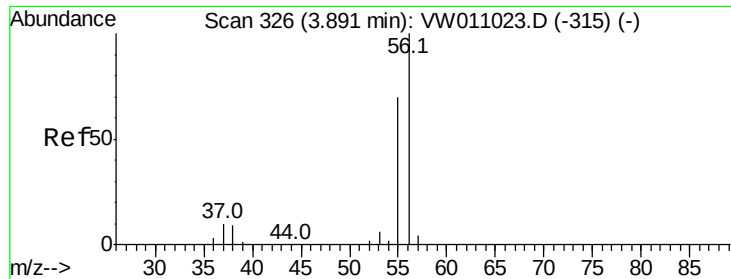
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.272 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	195.4	156.0	234.0
98	63.2	48.7	73.1





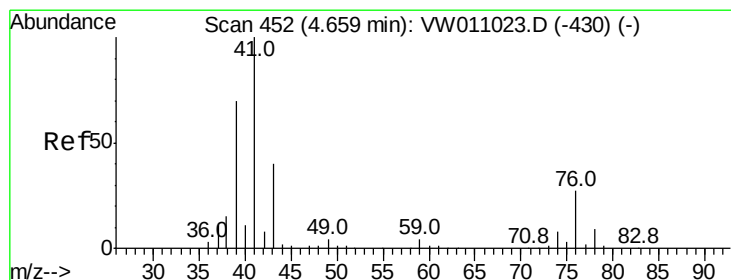
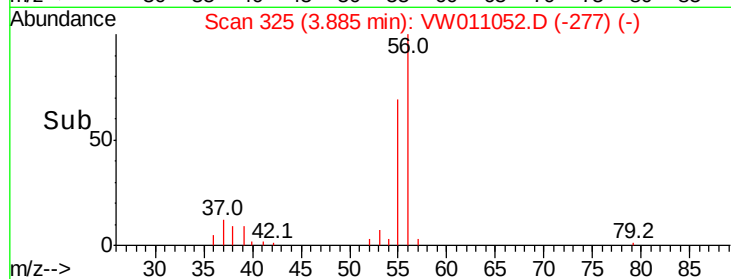
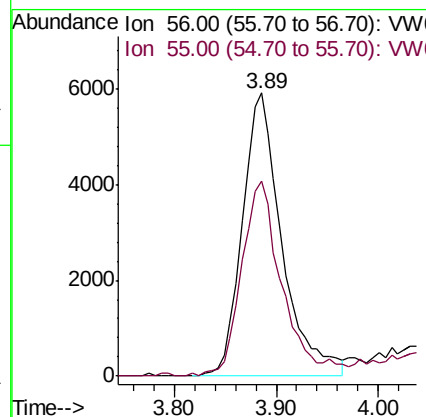
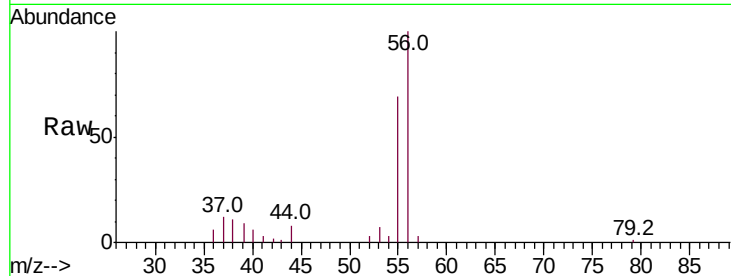
#13
Acrolein
Concen: 97.089 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	56	Resp	15900
Ion Ratio	100	Lower	Upper
55	68.3	55.7	83.5

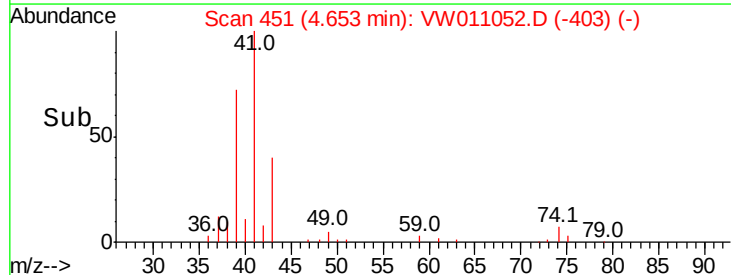
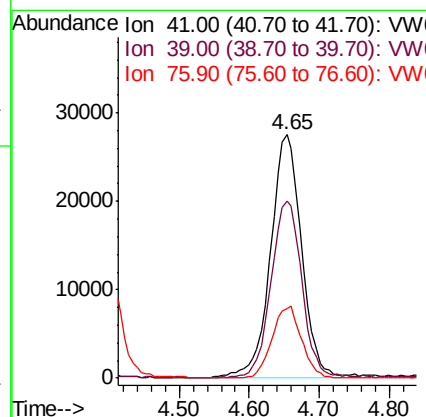
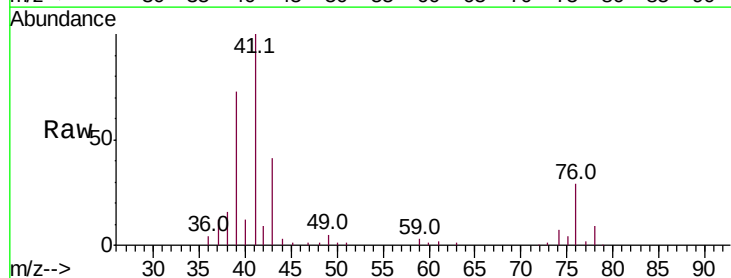
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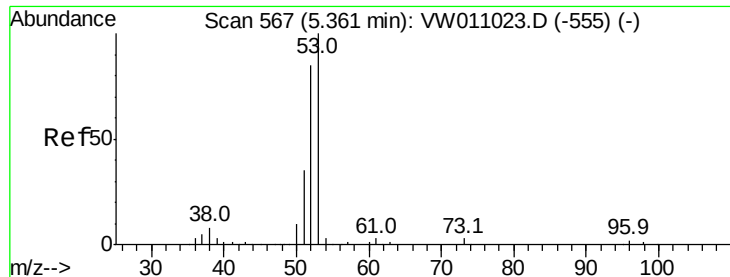
MMDadoda
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#14
Allyl chloride
Concen: 20.930 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	41	Resp	84344
Ion Ratio	100	Lower	Upper
39	73.6	55.4	83.2
76	28.5	22.0	33.0





#15

Acrylonitrile

Concen: 91.022 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

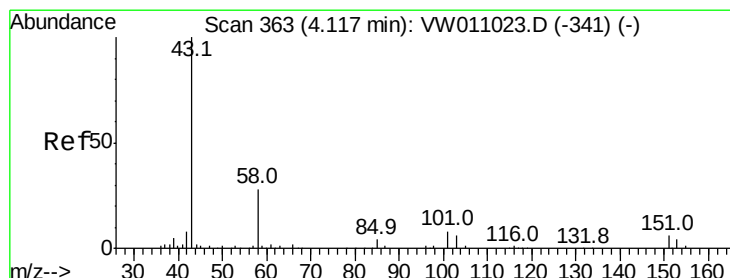
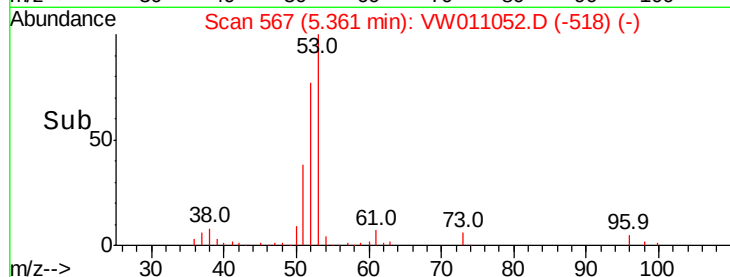
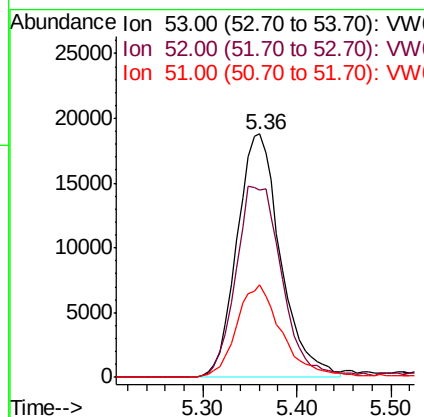
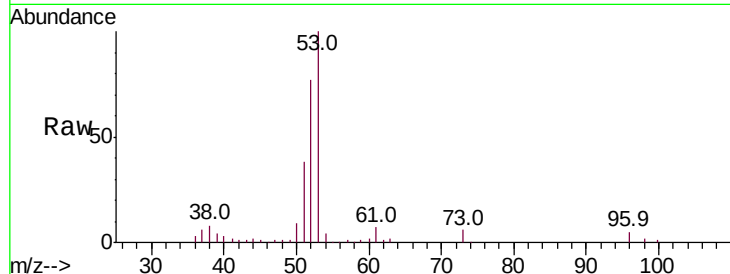
ClientSampleId :

VW0629SBS01

Tot Ion:	53	Resp:	60715
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.3	99.5
51	39.5	29.8	44.6

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#16

Acetone

Concen: 89.035 ug/l

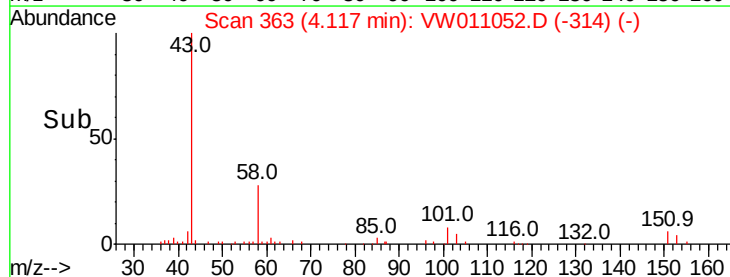
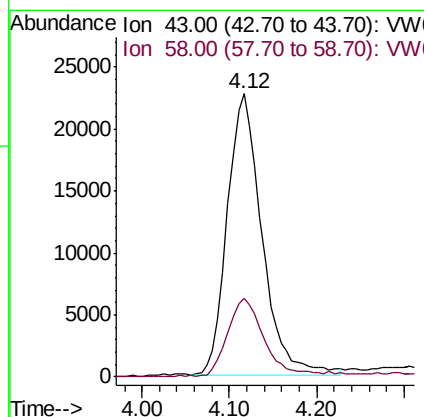
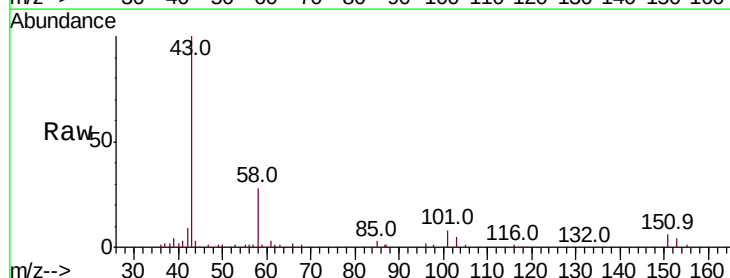
RT: 4.12 min Scan# 363

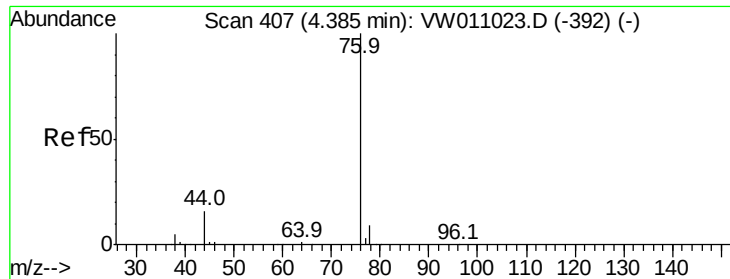
Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion:	43	Resp:	62843
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.5	33.7





#17

Carbon Disulfide

Concen: 19.322 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 76 Resp: 137254

Ion Ratio Lower Upper

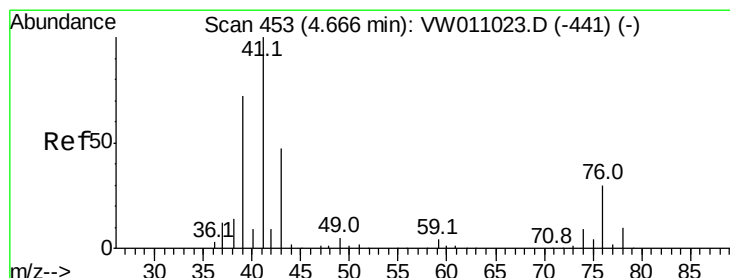
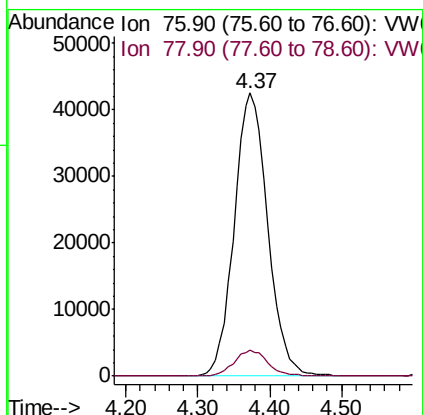
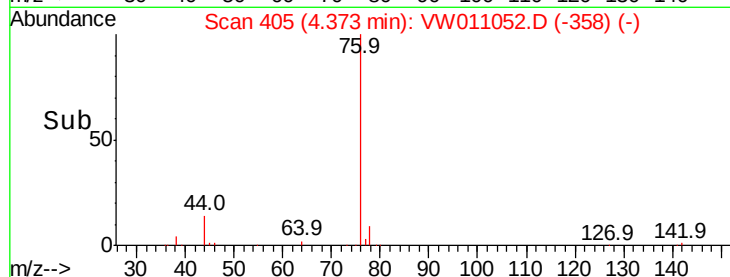
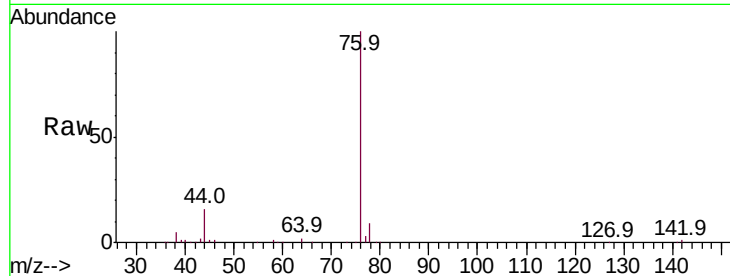
76 100

78 9.1 7.2 10.8

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#18

Methyl Acetate

Concen: 19.300 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011052.D

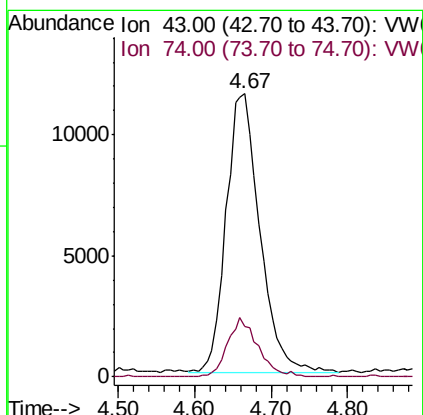
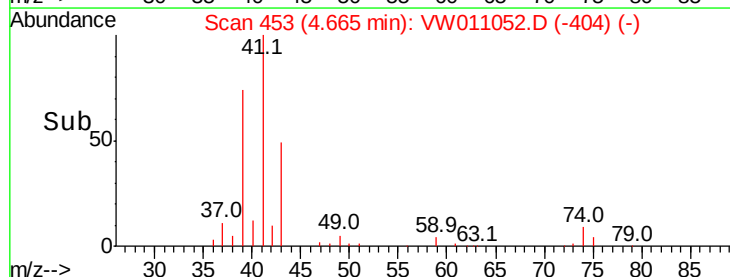
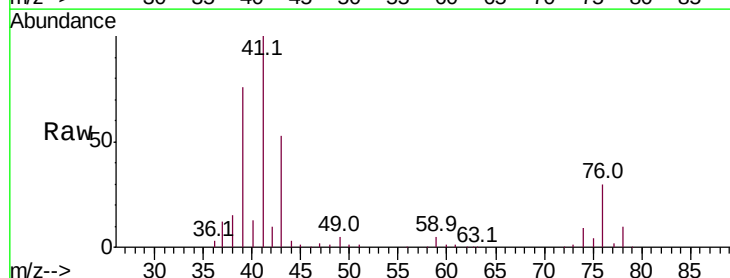
Acq: 28 Jun 2019 11:12

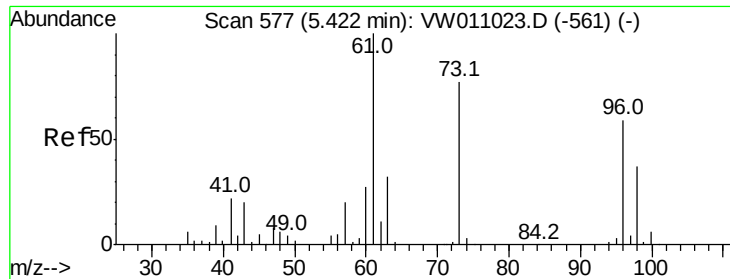
Tgt Ion: 43 Resp: 35287

Ion Ratio Lower Upper

43 100

74 19.0 15.8 23.8





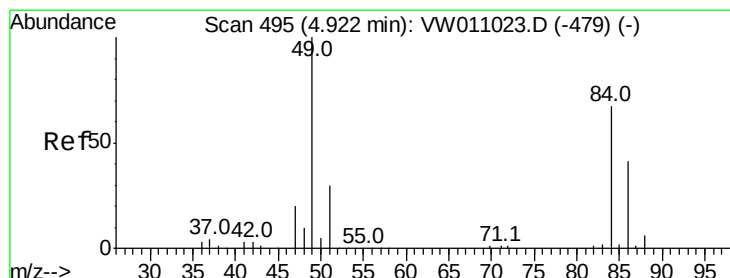
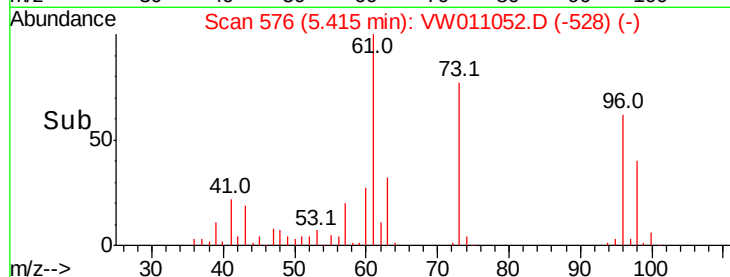
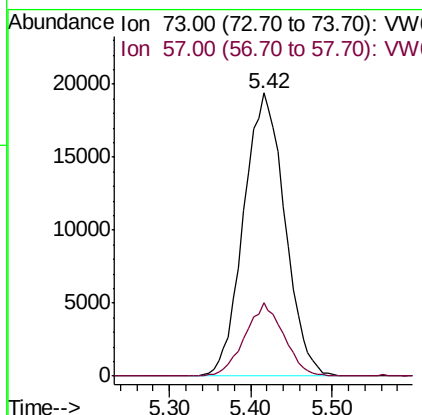
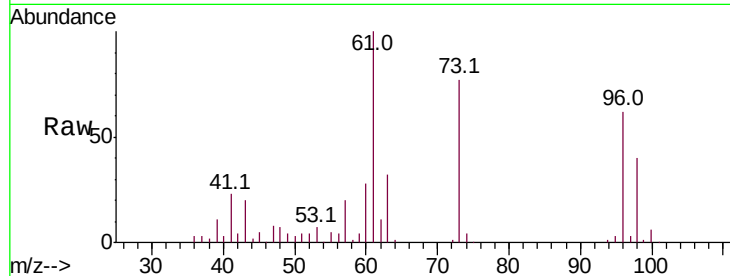
#19
Methyl tert-butyl Ether
Concen: 19.241 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion: 73 Resp: 68188
Ion Ratio Lower Upper
73 100
57 25.9 20.8 31.2

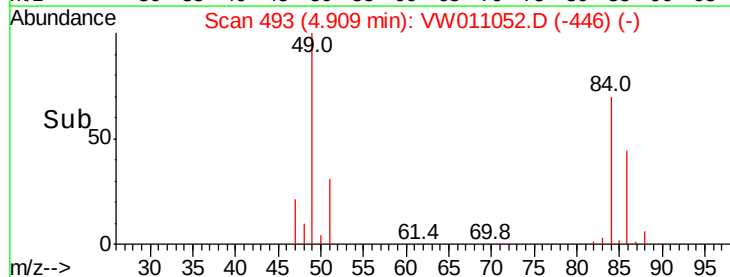
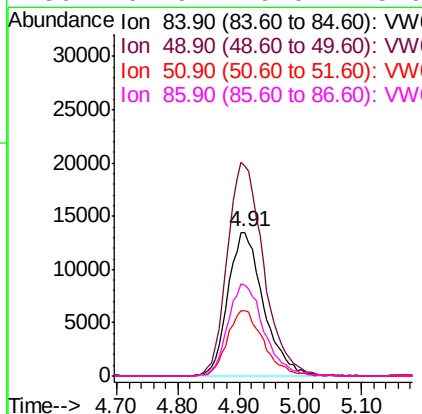
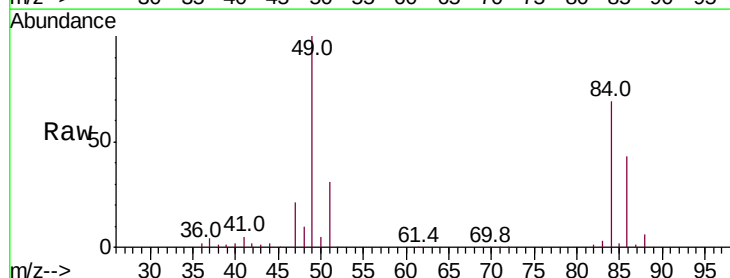
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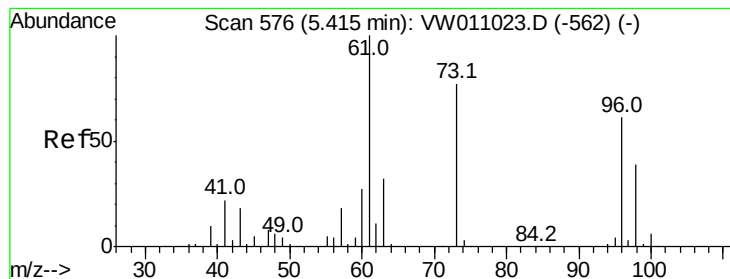
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#20
Methylene Chloride
Concen: 18.857 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 84 Resp: 54078
Ion Ratio Lower Upper
84 100
49 145.5 119.6 179.4
51 45.3 35.6 53.4
86 62.9 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 19.977 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 96 Resp: 51543

Ion Ratio Lower Upper

96 100

61 155.2 131.0 196.4

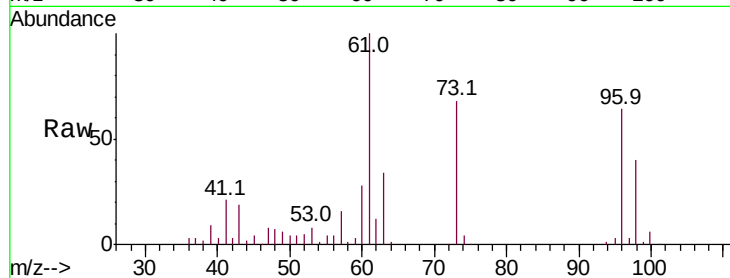
98 61.9 50.8 76.2

Manual Integrations

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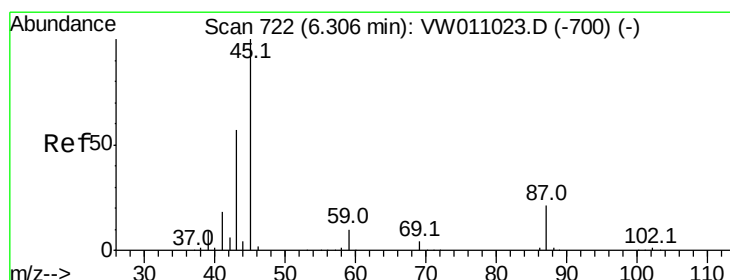
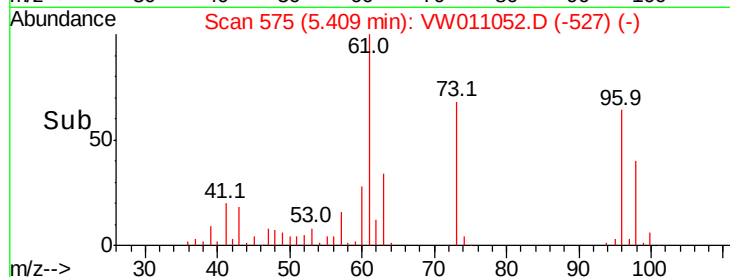
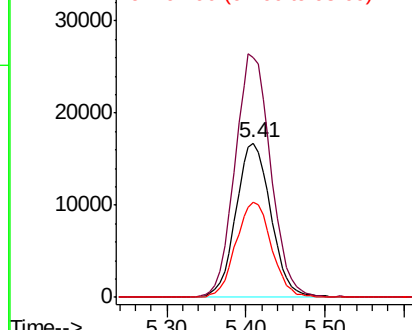


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.654 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion: 45 Resp: 190597

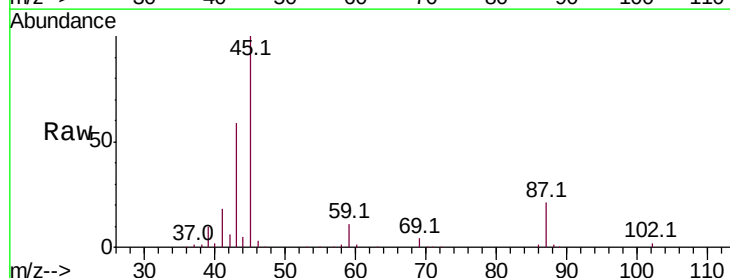
Ion Ratio Lower Upper

45 100

43 58.8 45.8 68.6

87 20.5 17.1 25.7

59 10.8 8.2 12.4



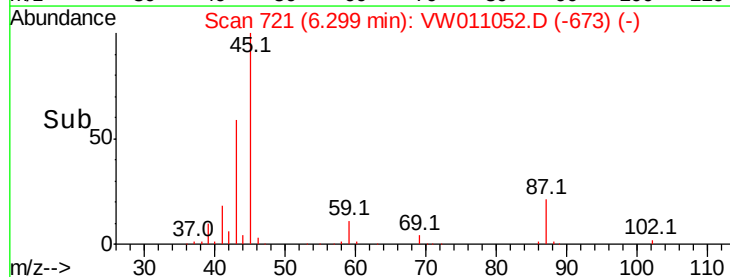
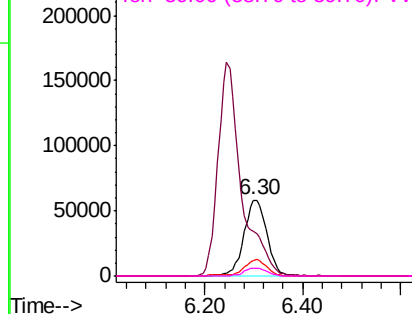
Abundance

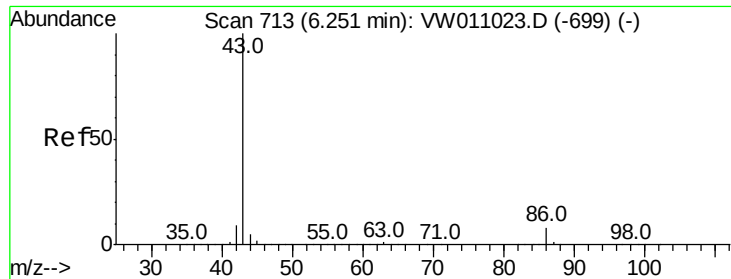
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





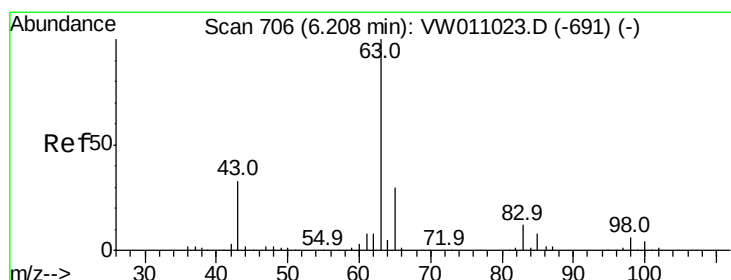
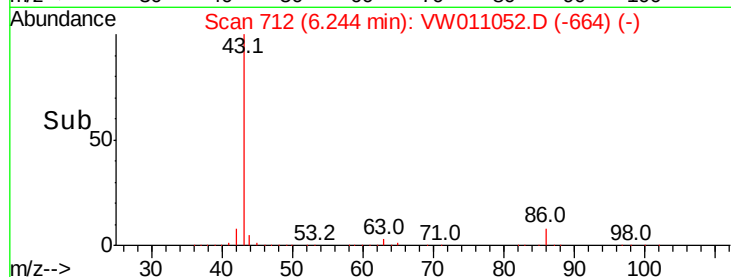
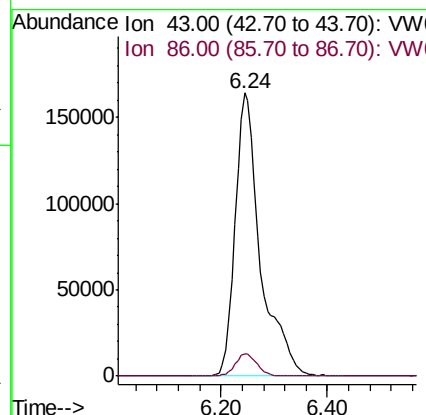
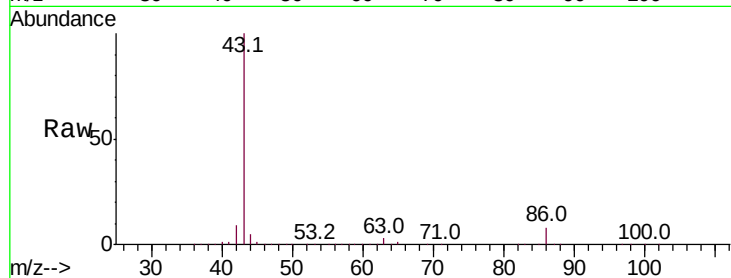
#23
 Vinyl Acetate
 Concen: 90.985 ug/l
 RT: 6.24 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion	43	86	Ratio	100	7.8	Resp	543665	Lower	6.6	Upper	10.0
Ion	43	86	Ratio	100	7.8	Resp	543665	Lower	6.6	Upper	10.0

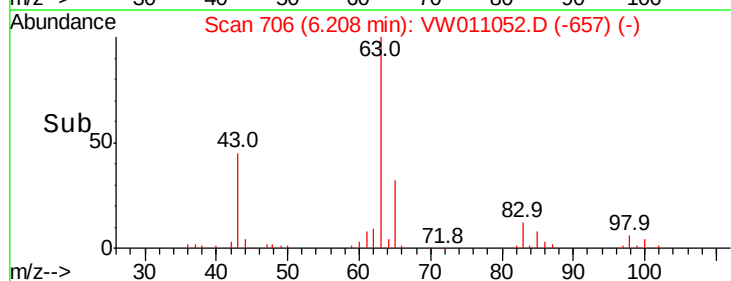
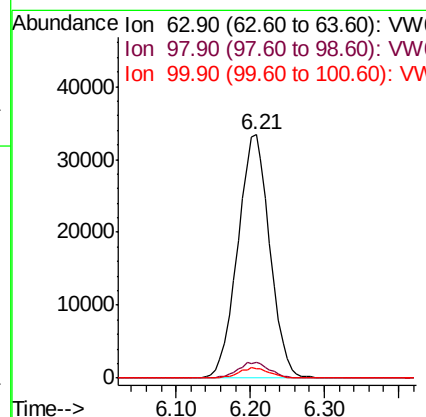
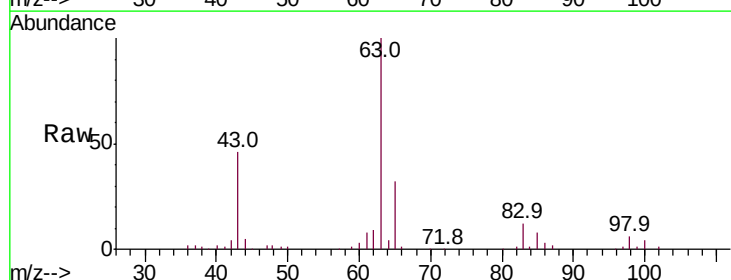
Manual Integrations
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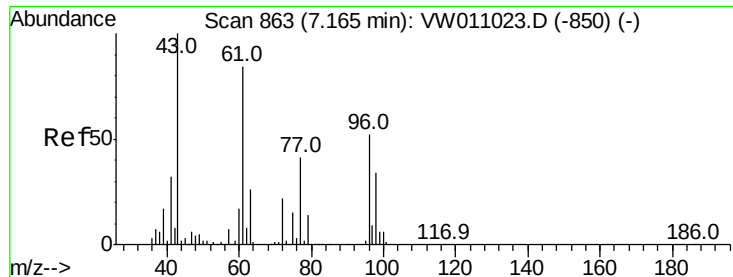
MMDadoda
 7/2/2019 8:26:22 AM



#24
 1,1-Dichloroethane
 Concen: 19.656 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion	63	98	100	Ratio	100	6.4	4.0	Resp	100618	Lower	3.1	2.1	Upper	9.4	6.2
Ion	63	98	100	Ratio	100	6.4	4.0	Resp	100618	Lower	3.1	2.1	Upper	9.4	6.2





#25

2-Butanone

Concen: 85.037 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 43 Resp: 91234

Ion Ratio Lower Upper

43 100

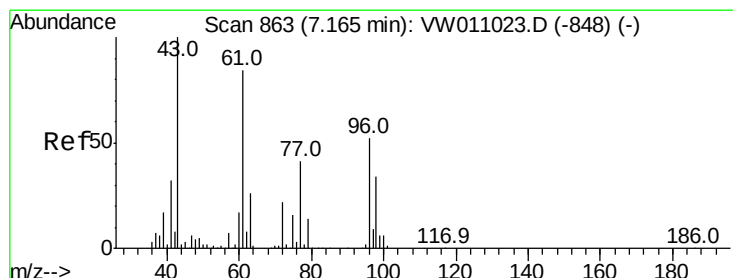
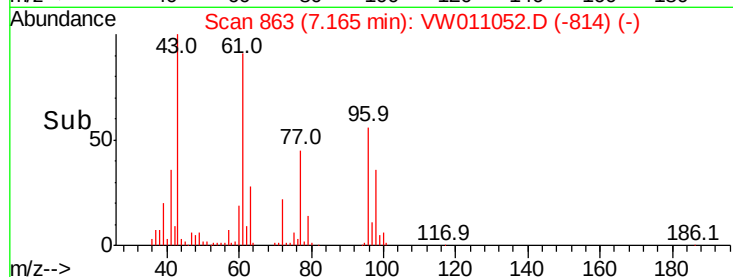
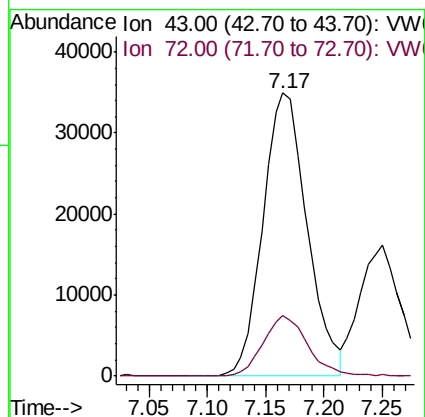
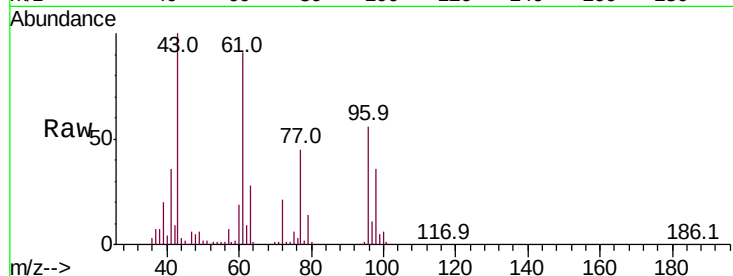
72 21.5 17.2 25.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.902 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011052.D

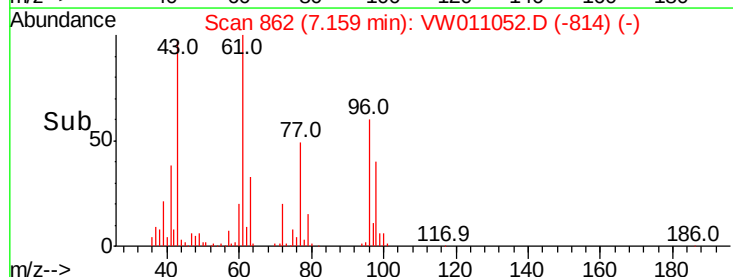
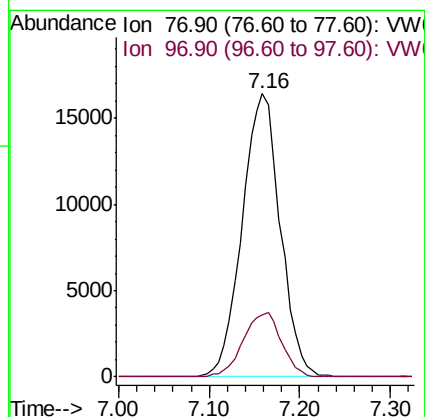
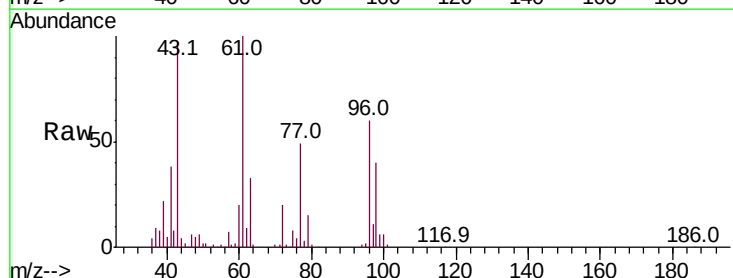
Acq: 28 Jun 2019 11:12

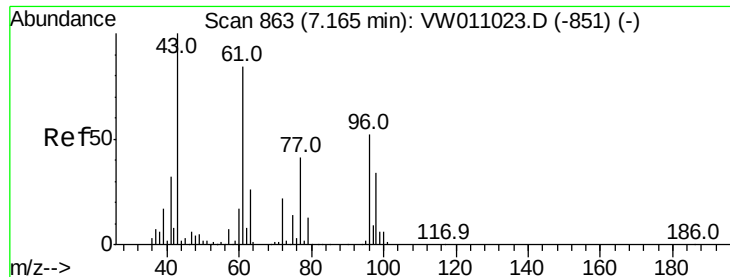
Tgt Ion: 77 Resp: 47578

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.7





#27

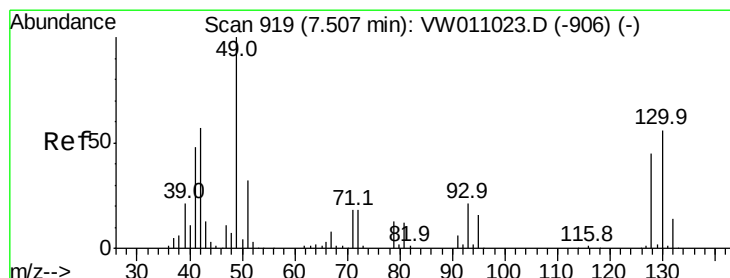
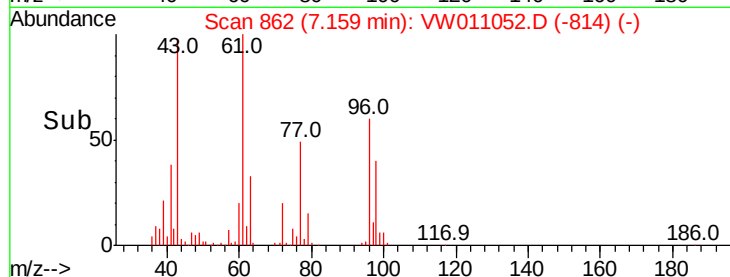
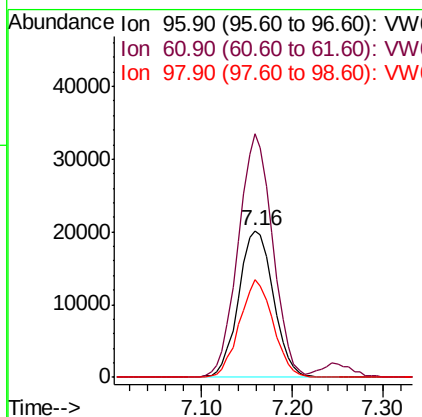
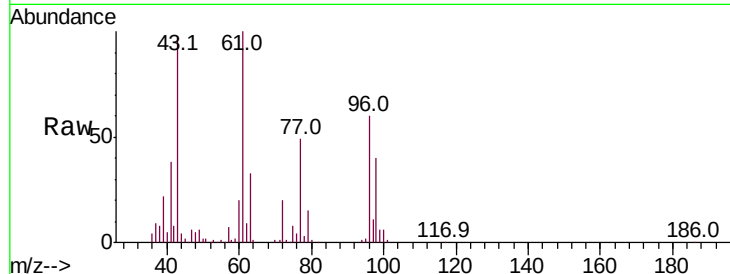
cis-1,2-Dichloroethene
Concen: 19.357 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.0	0.0	330.4
98	64.4	0.0	129.4

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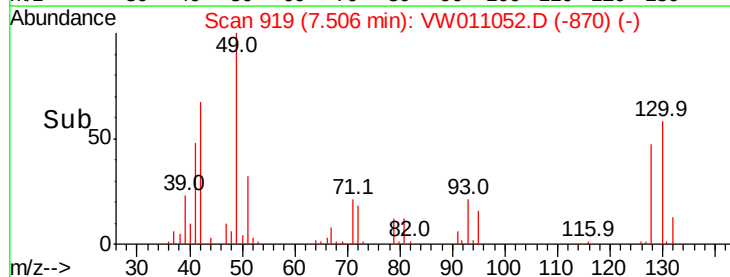
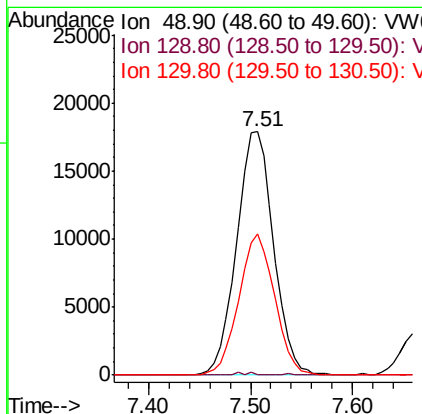
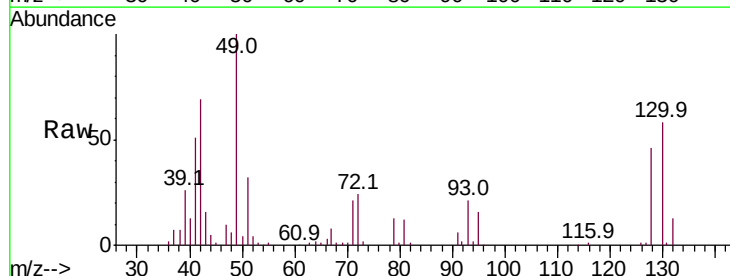
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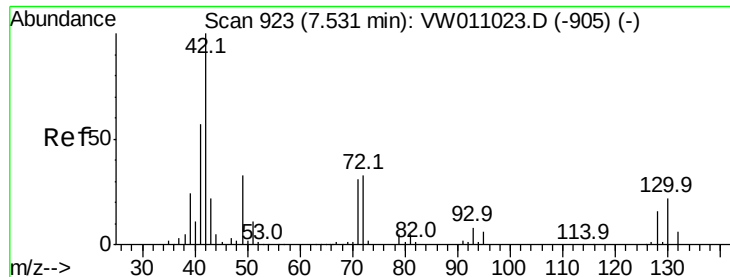


#28

Bromochloromethane
Concen: 18.875 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	3.4
130	56.1	46.1	69.1





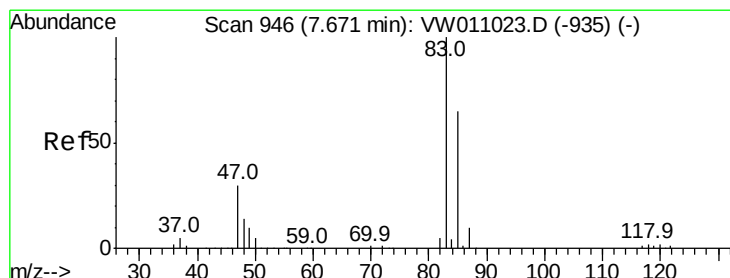
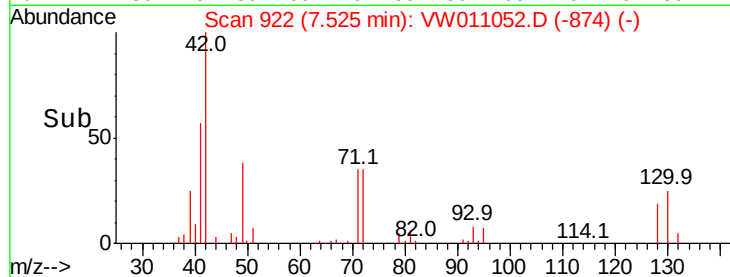
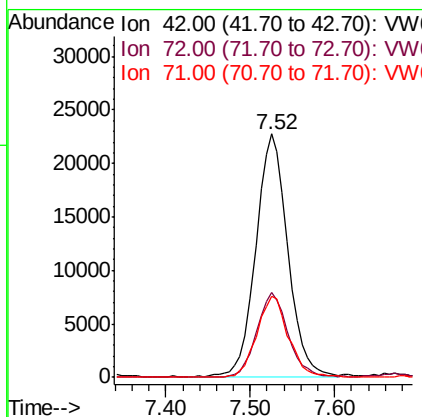
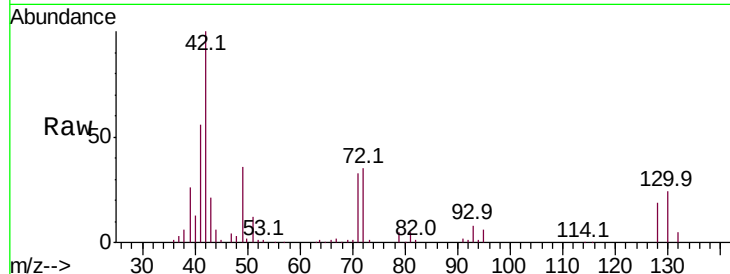
#29
Tetrahydrofuran
Concen: 88.864 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.4	41.0
71	33.0	25.6	38.4

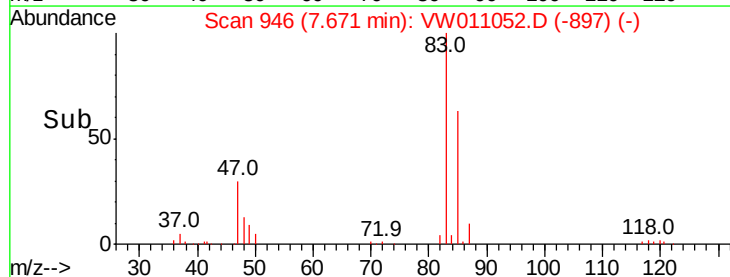
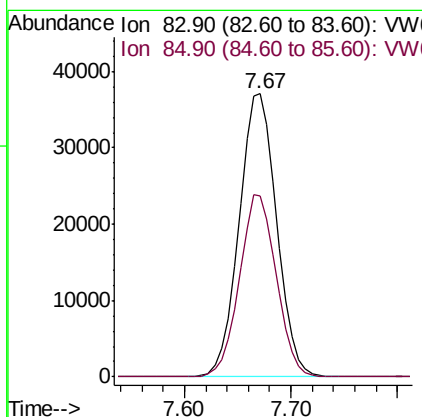
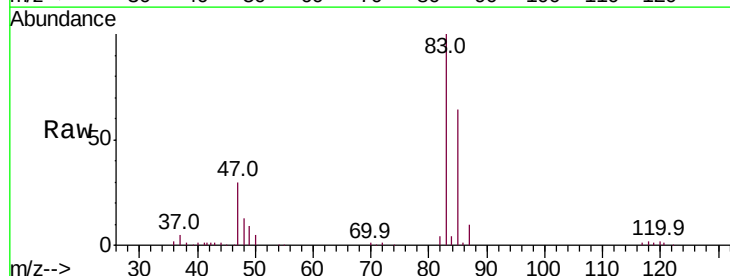
Manual Integrations
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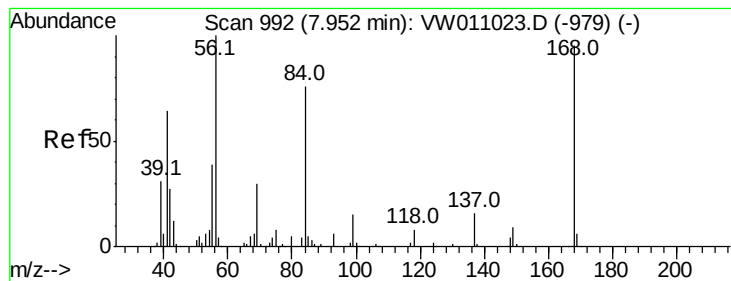
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#30
Chloroform
Concen: 19.719 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.2	78.4





#31

Cyclohexane

Concen: 20.398 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

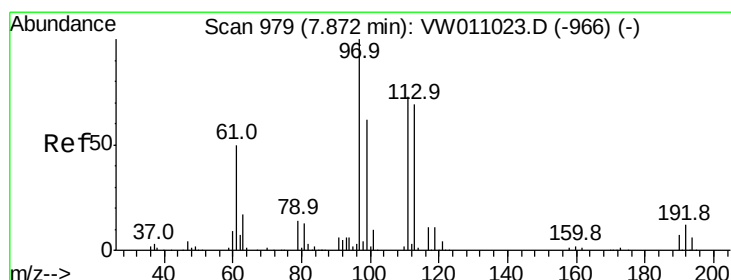
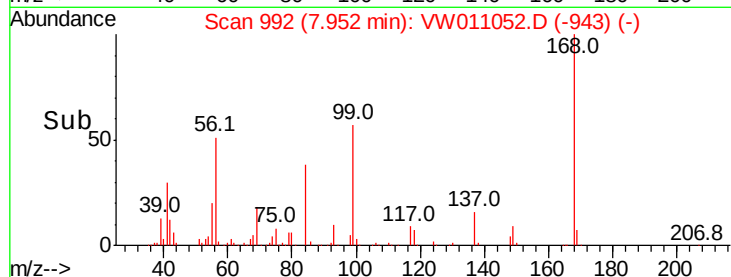
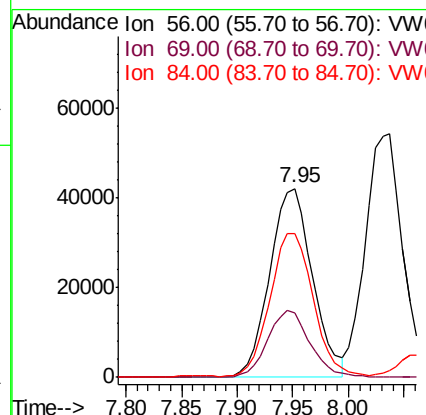
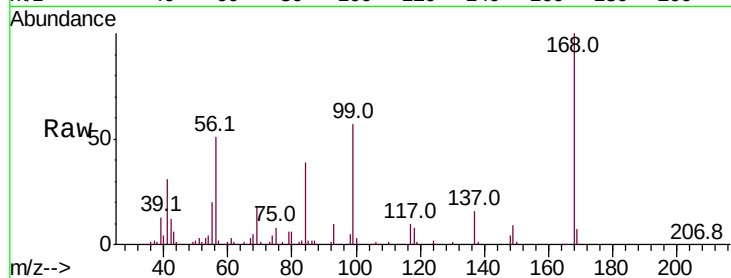
ClientSampled :

VW0629SBS01

Tot Ion:	56	Resp:	112827
Ion Ratio	Lower	Upper	
56	100		
69	34.4	24.2	36.2
84	75.1	60.6	90.8

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#32

1,1,1-Trichloroethane

Concen: 19.806 ug/l

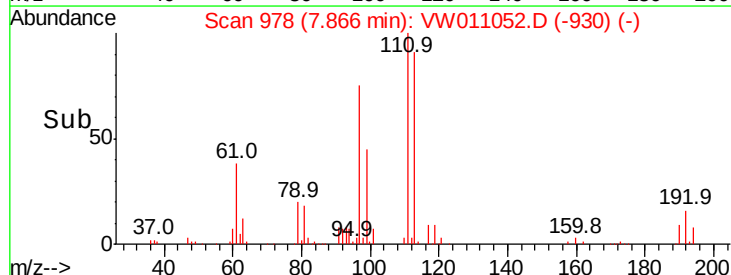
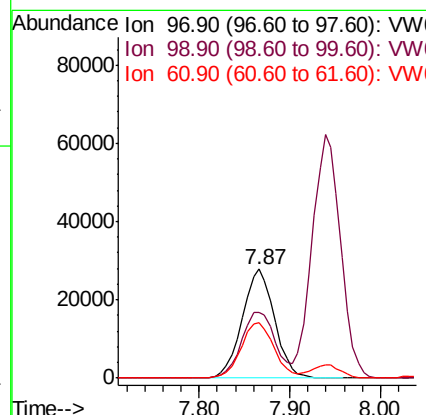
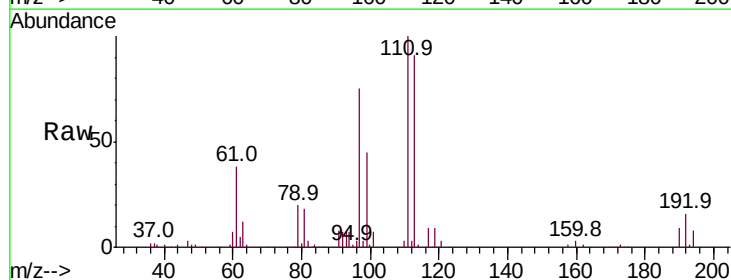
RT: 7.87 min Scan# 978

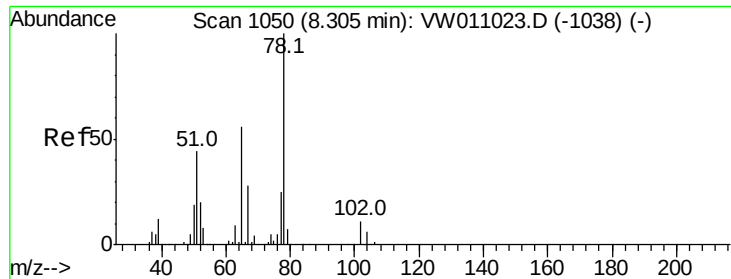
Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion:	97	Resp:	68828
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.1	76.7
61	52.0	41.4	62.2





#33

1,2-Dichloroethane-d4

Concen: 48.150 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

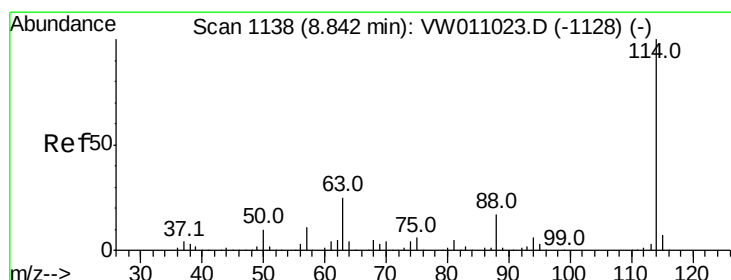
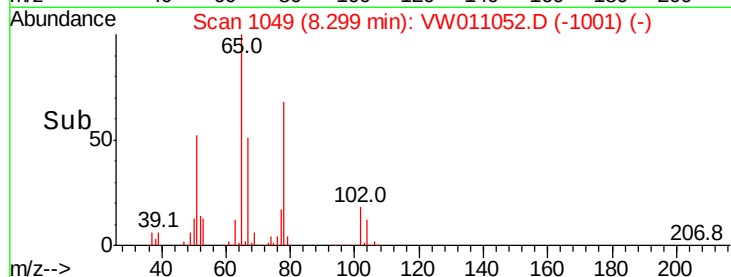
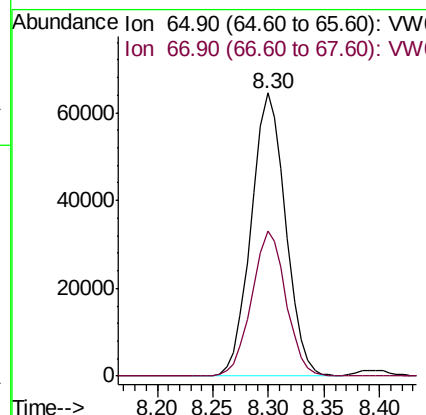
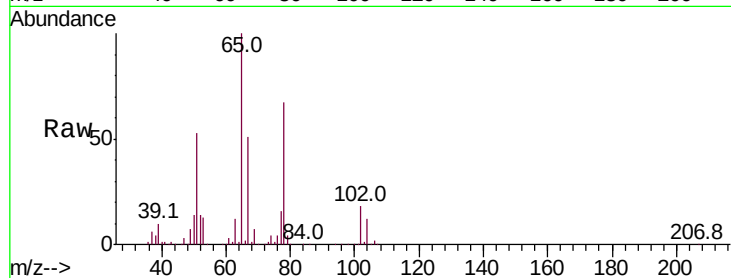
Instrument :
MSVOA_W

ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

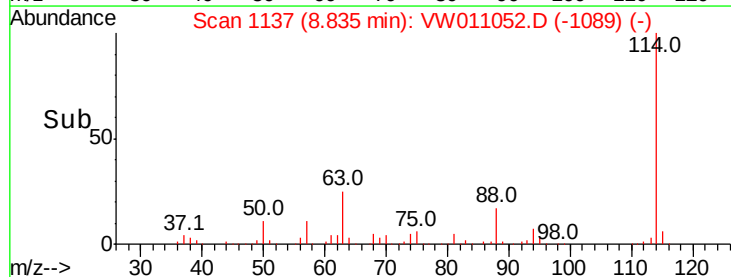
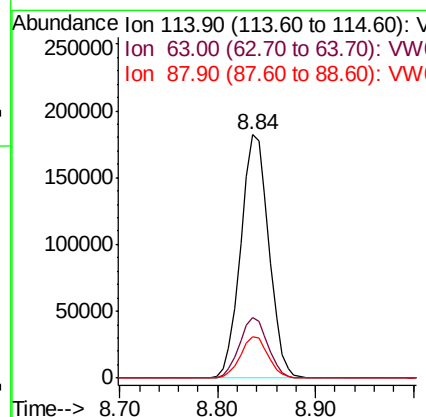
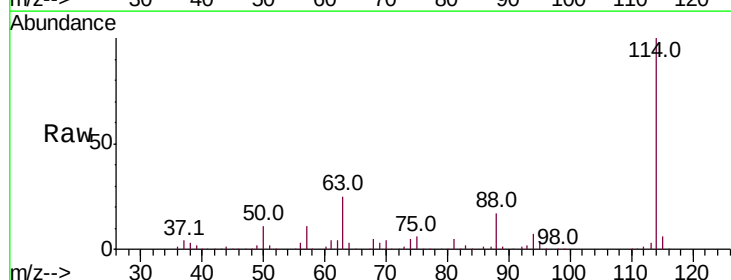
RT: 8.84 min Scan# 1137

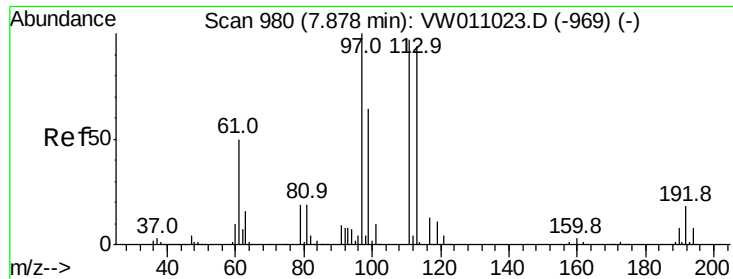
Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	50.6
88	16.7	0.0	34.0





#35

Dibromofluoromethane

Concen: 49.430 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

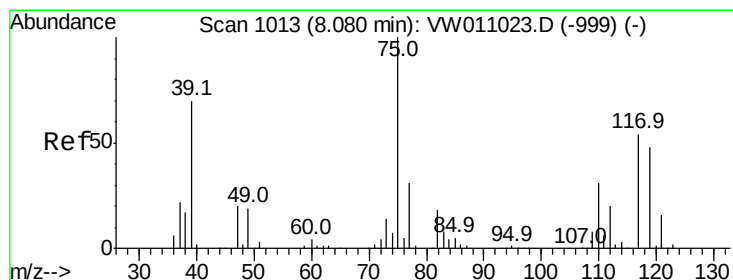
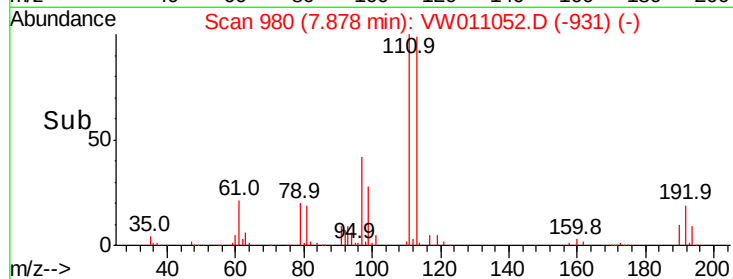
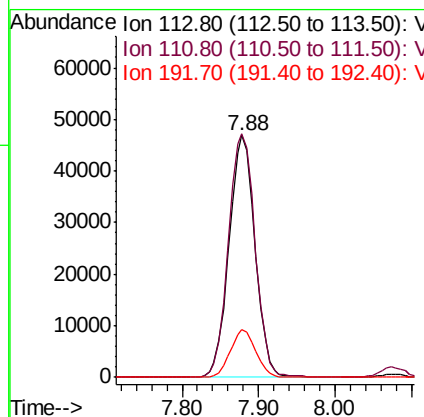
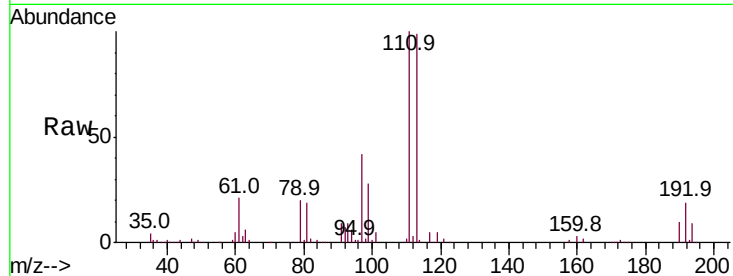
ClientSampleId :

VW0629SBS01

Tot Ion:	113	Resp:	109676
Ion Ratio	Lower	Upper	
113	100		
111	103.6	83.8	125.6
192	19.4	16.0	24.0

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#36

1,1-Dichloropropene

Concen: 20.418 ug/l

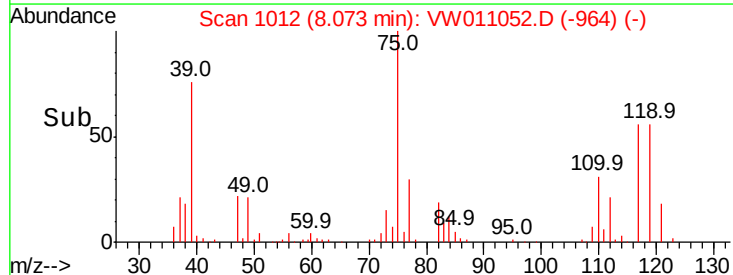
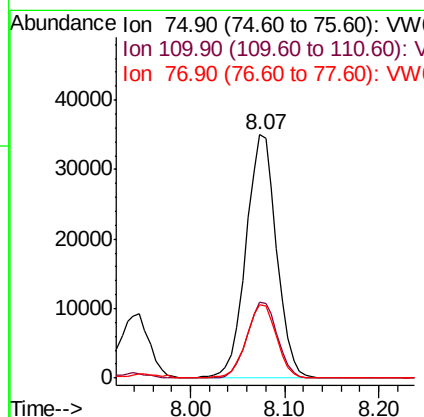
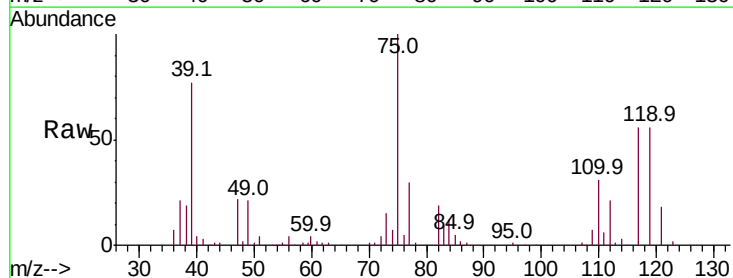
RT: 8.07 min Scan# 1012

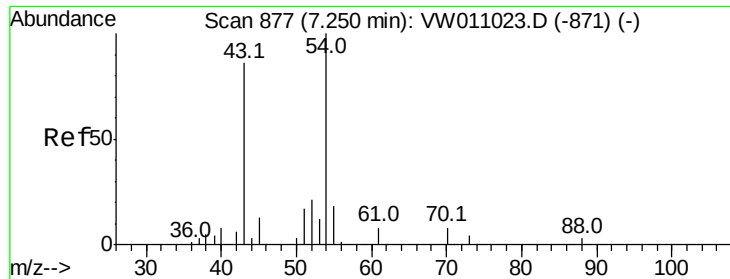
Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion:	75	Resp:	79743
Ion Ratio	Lower	Upper	
75	100		
110	31.2	15.5	46.5
77	30.1	24.9	37.3





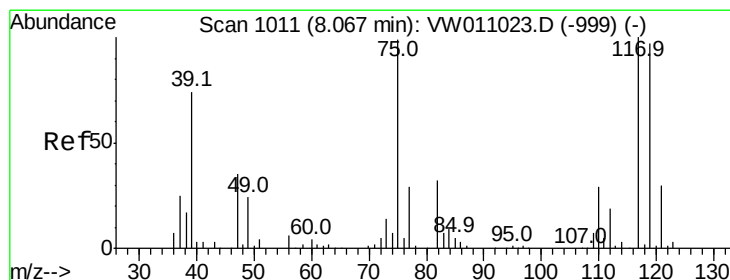
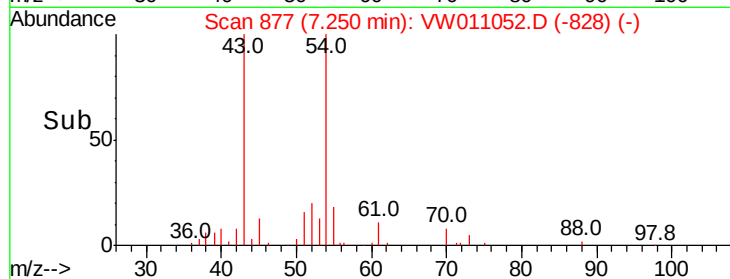
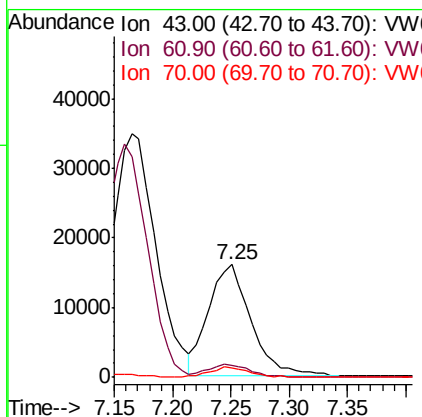
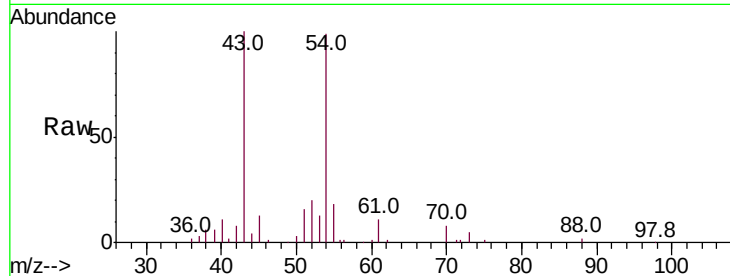
#37
Ethyl Acetate
Concen: 17.845 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.0	13.4
70	8.8	7.2	10.8

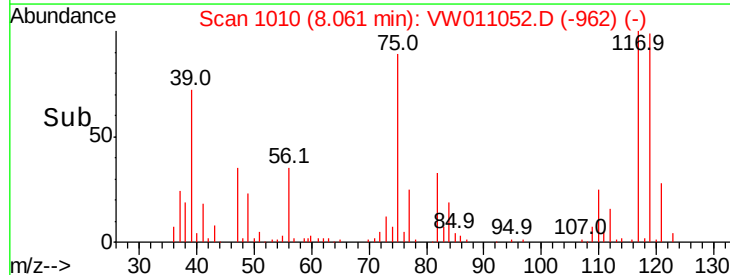
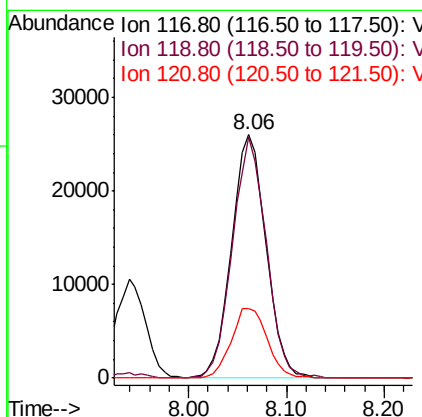
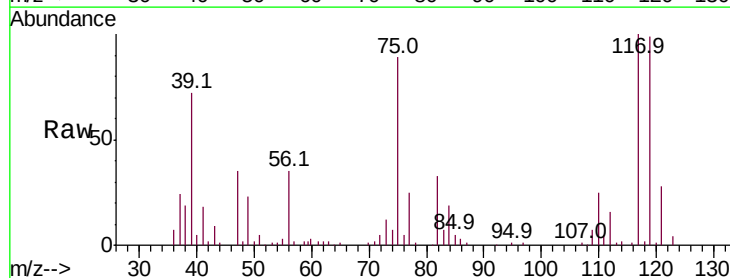
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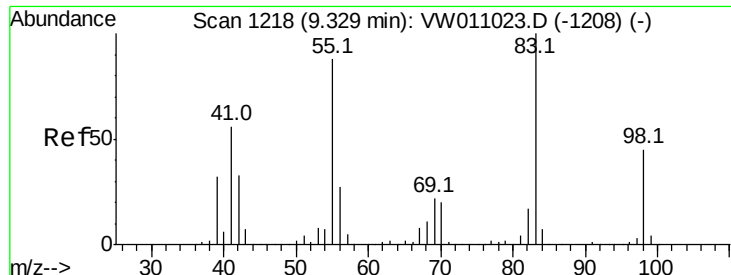
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#38
Carbon Tetrachloride
Concen: 19.798 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.7	116.5
121	28.4	23.9	35.9





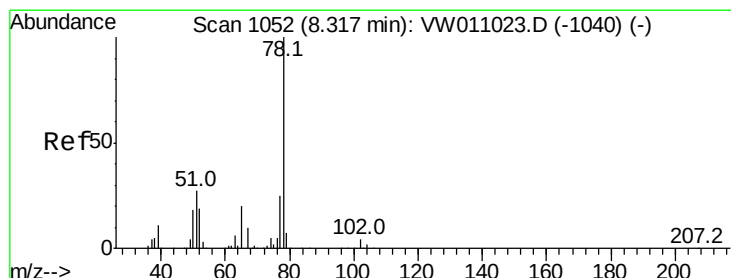
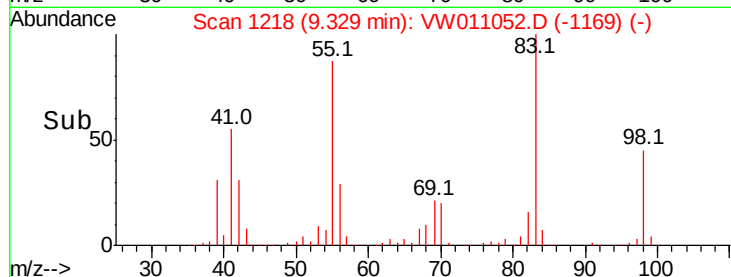
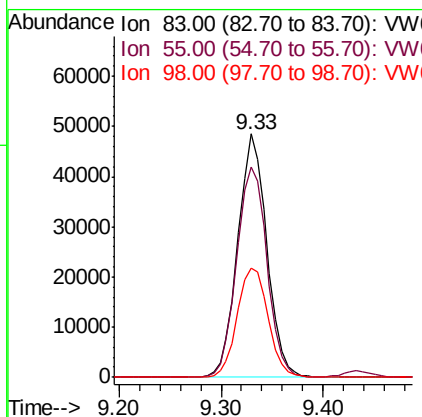
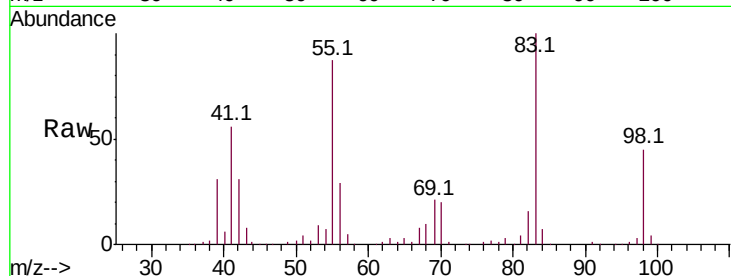
#39
Methylvlcyclohexane
Concen: 20.027 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	83	Resp	96258
Ion Ratio	100	Lower	Upper
83	100		
55	86.6	70.7	106.1
98	45.0	36.4	54.6

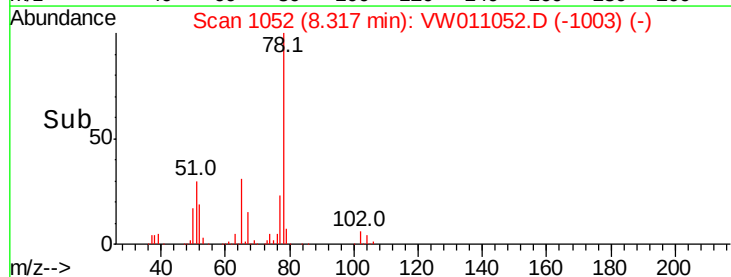
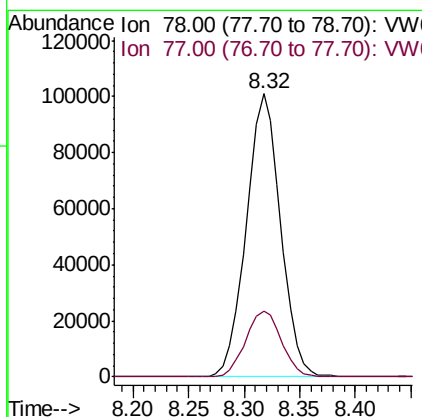
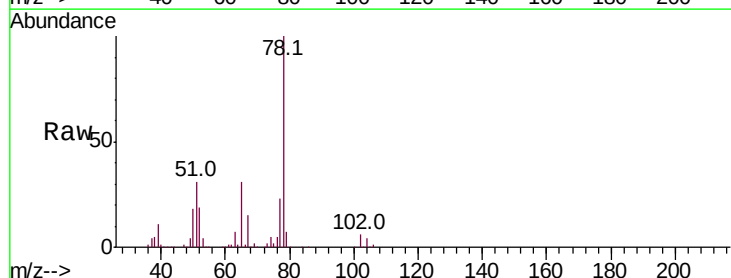
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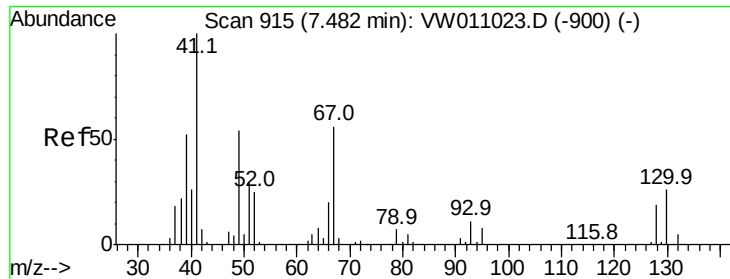
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#40
Benzene
Concen: 20.119 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	78	Resp	216117
Ion Ratio	100	Lower	Upper
78	100		
77	23.2	19.7	29.5





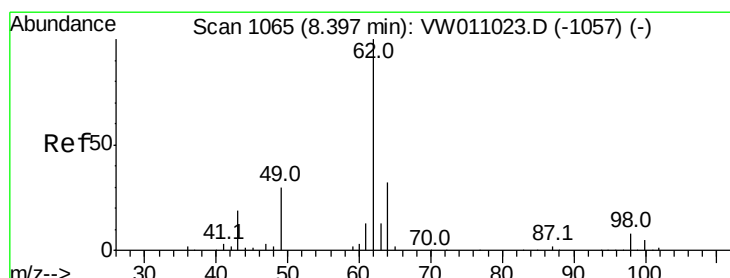
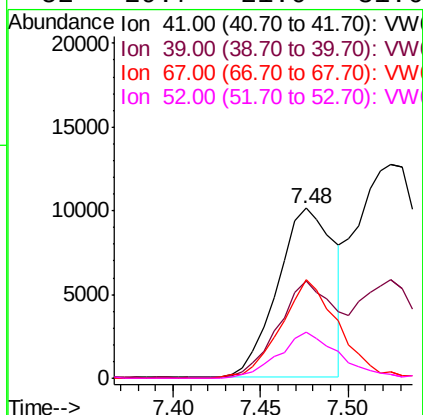
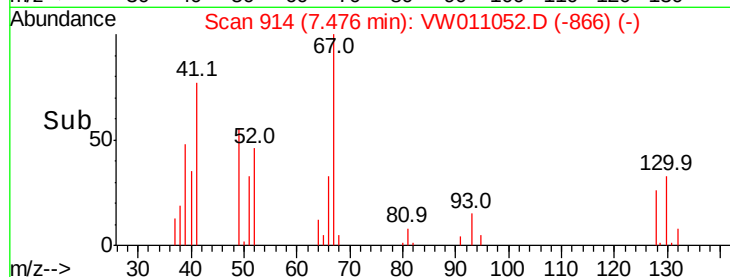
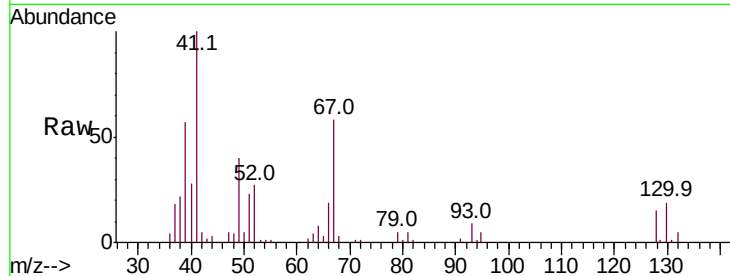
#41
Methacrylonitrile
Concen: 16.520 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	41	Resp	22835
Ion	Ratio	Lower	Upper
41	100		
39	61.5	42.1	63.1
67	60.7	44.2	66.2
52	29.7	21.0	31.6

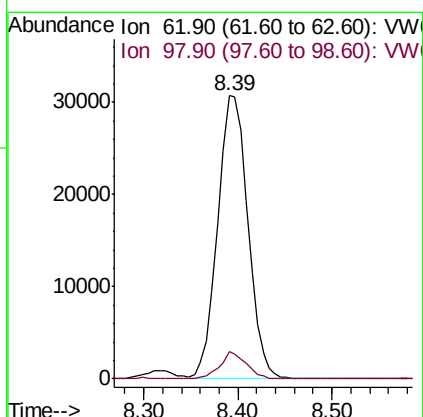
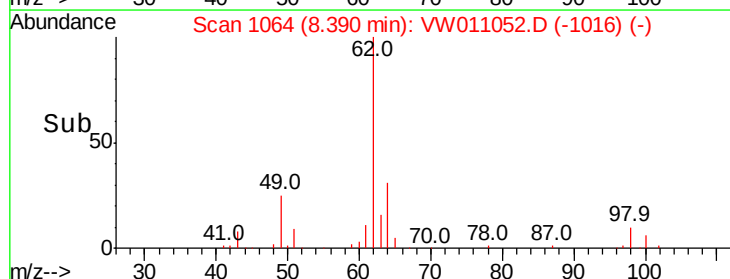
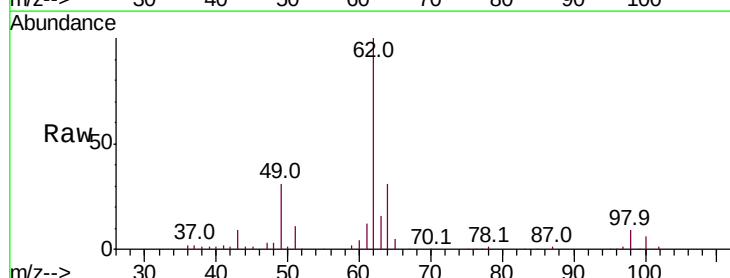
Manual Integrations
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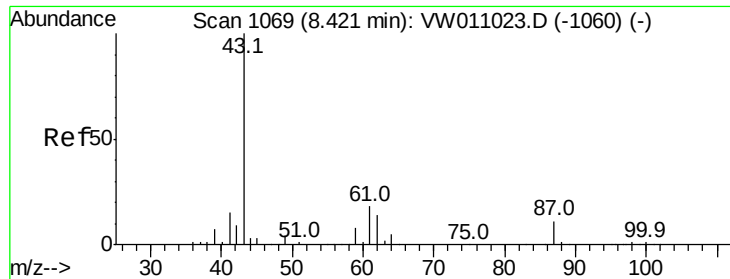
MMDadoda
7/2/2019 8:26:22 AM



#42
1,2-Dichloroethane
Concen: 19.522 ug/l
RT: 8.39 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	62	Resp	68757
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 17.699 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

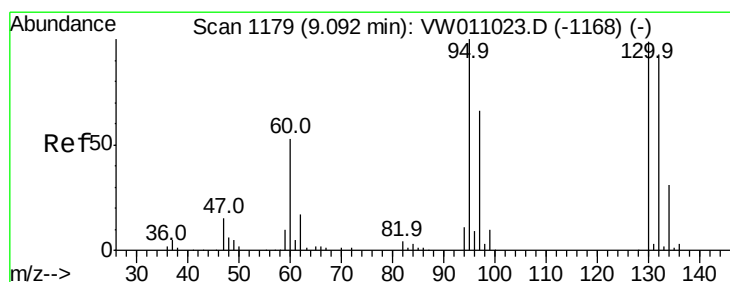
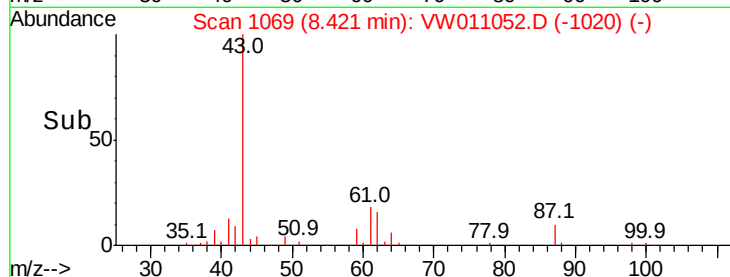
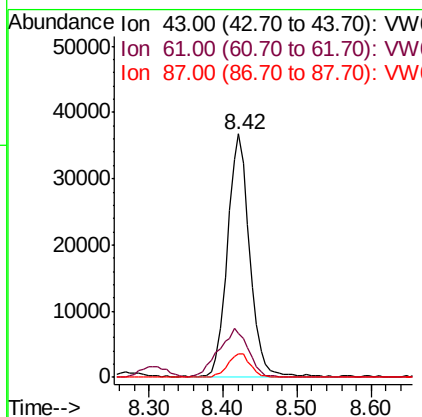
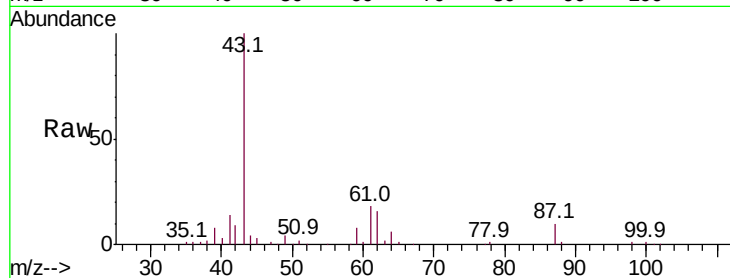
ClientSampleId :

VW0629SBS01

Tot Ion:	43	Resp:	76071
Ion	Ratio	Lower	Upper
43	100		
61	26.8	21.0	31.6
87	10.0	8.2	12.4

Manual Integrations
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7/2/2019 8:26:22 AM



#44

Trichloroethene

Concen: 19.966 ug/l

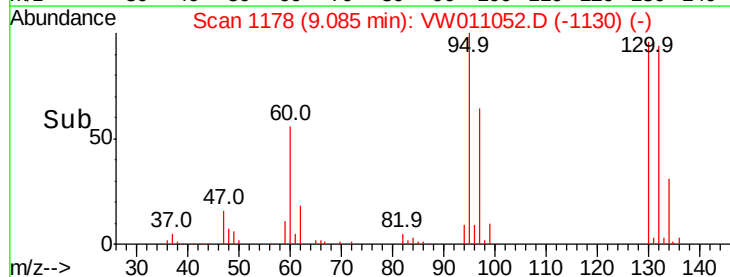
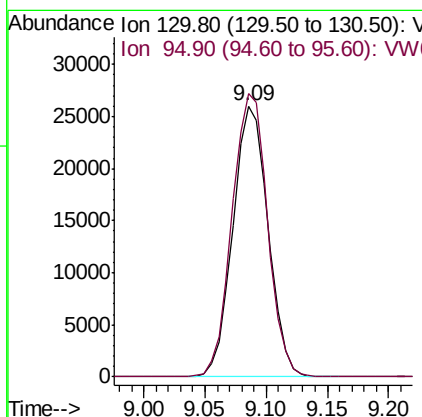
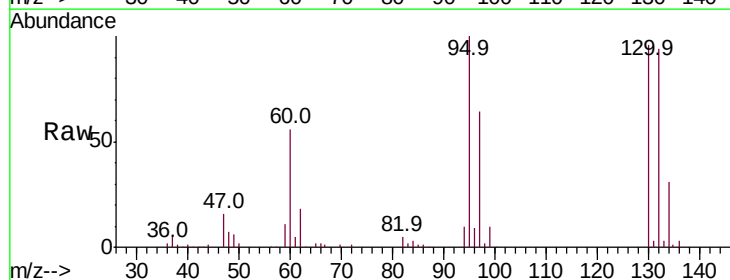
RT: 9.09 min Scan# 1178

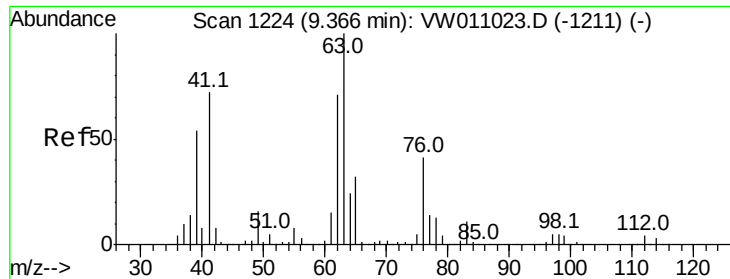
Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion:	130	Resp:	51833
Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	202.0





#45

1,2-Dichloropropane

Concen: 19.565 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampled :

VW0629SBS01

Tot Ion: 63 Resp: 57071

Ion Ratio Lower Upper

63 100

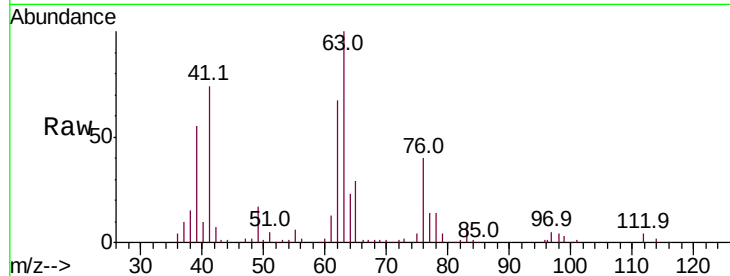
65 29.1 25.6 38.4

Manual Integrations

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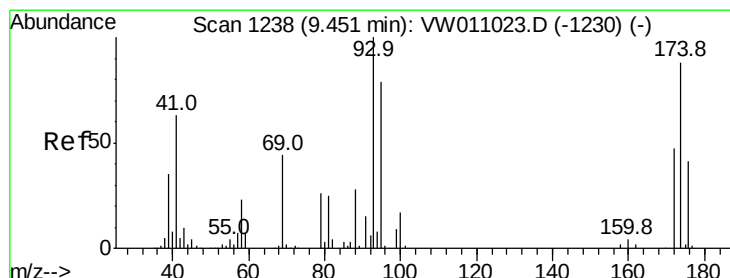
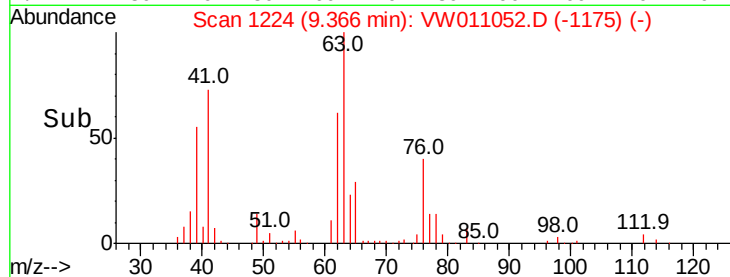
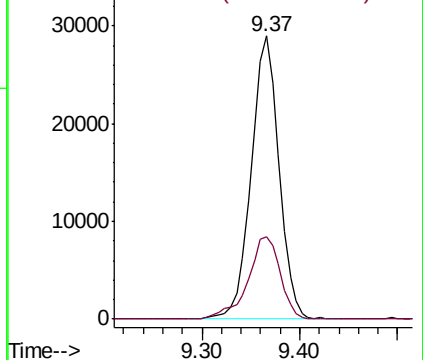
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 18.506 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

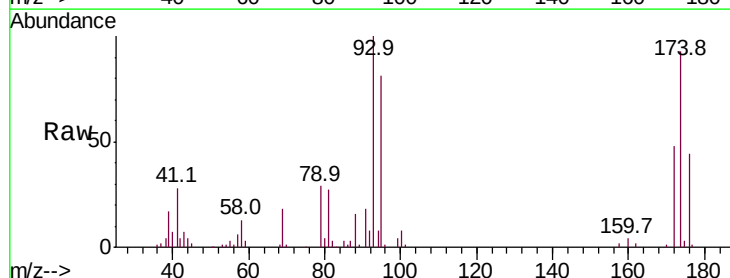
Tgt Ion: 93 Resp: 25246

Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

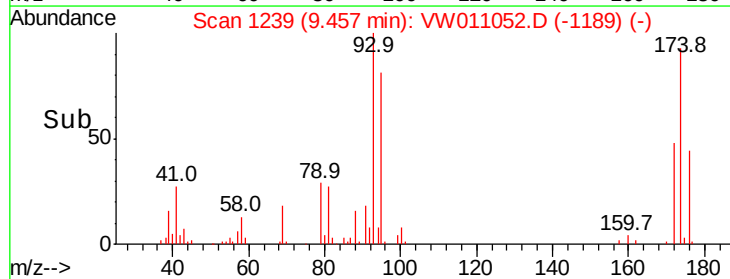
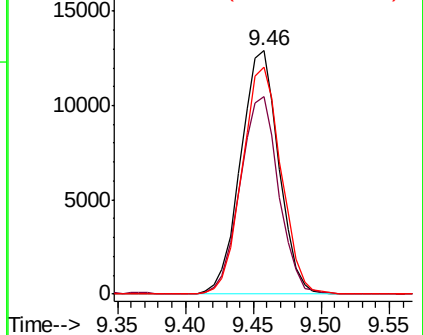
174 95.3 75.4 113.0

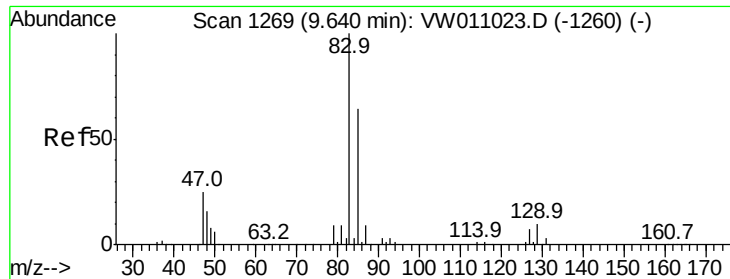


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





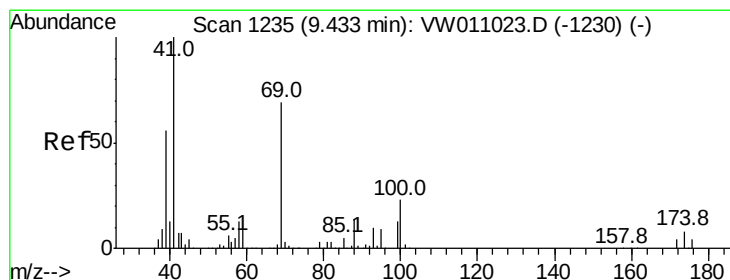
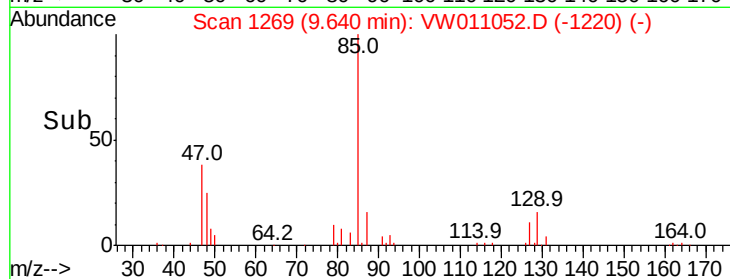
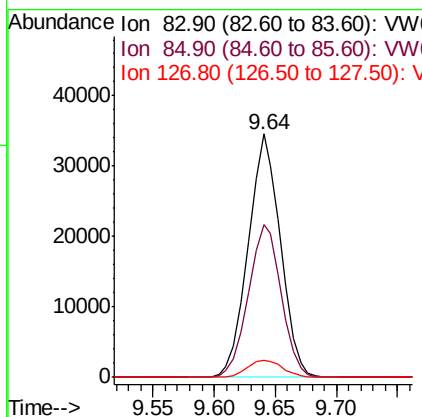
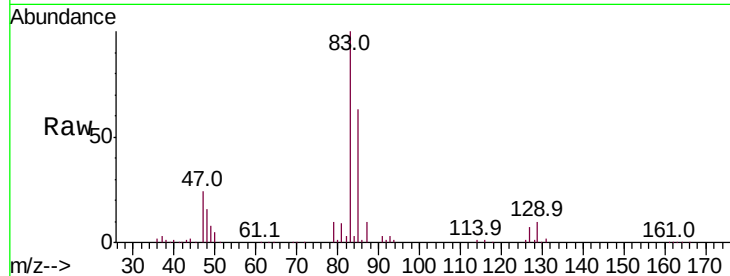
#47
Bromodichloromethane
Concen: 18.769 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.7	51.0	76.4	
127	7.0	5.8	8.8	

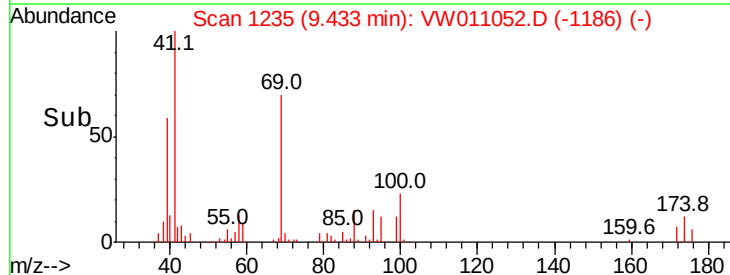
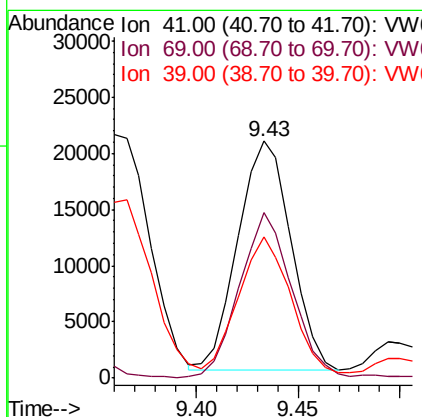
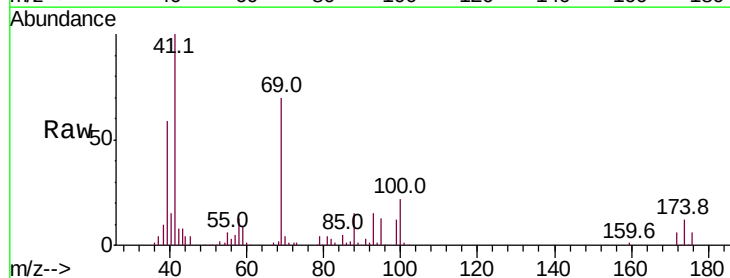
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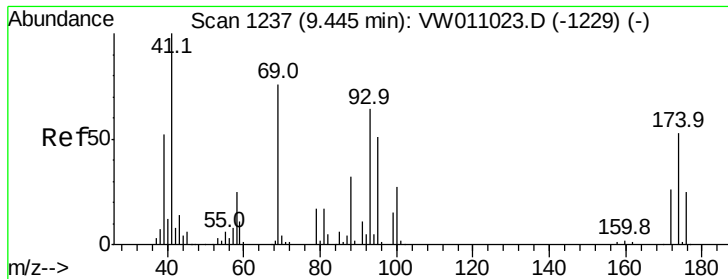
MMDadoda
7/2/2019 8:26:22 AM



#48
Methyl methacrylate
Concen: 17.630 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	72.6	56.7	85.1	
39	57.2	45.0	67.6	





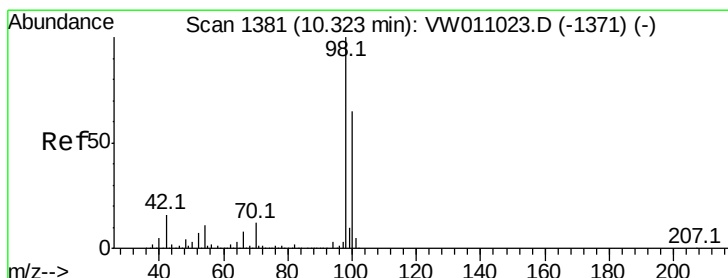
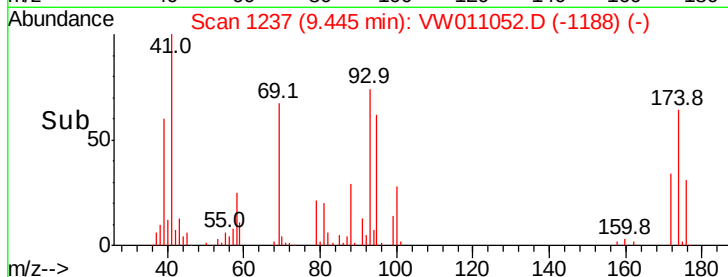
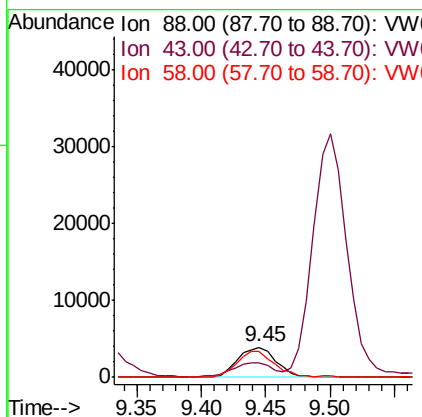
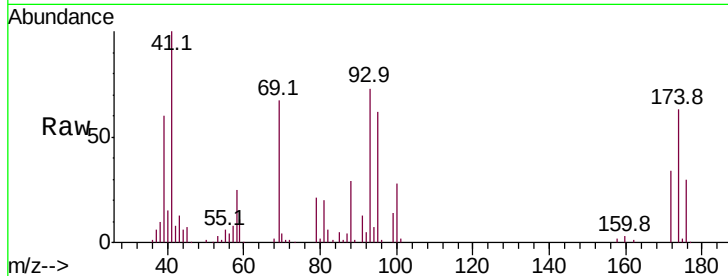
#49
1,4-Dioxane
Concen: 357.966 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	46.5	34.4	51.6
58	84.5	65.2	97.8

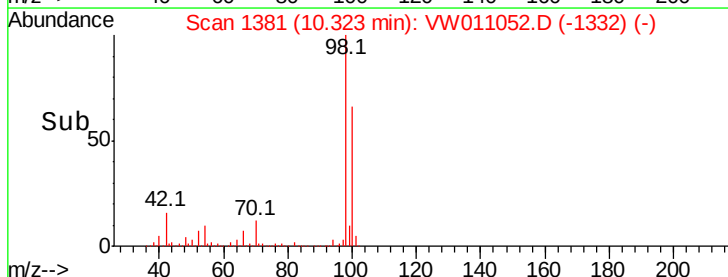
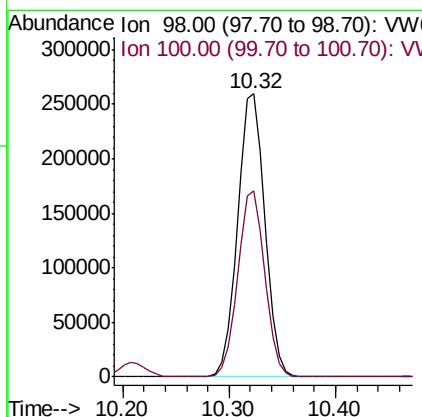
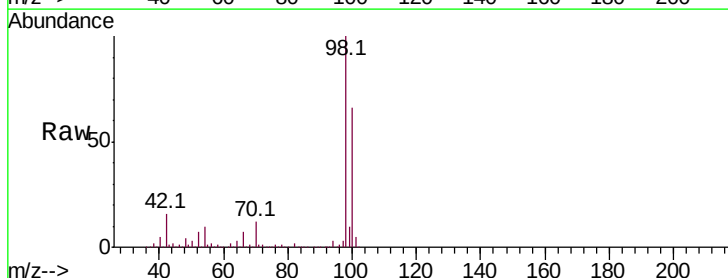
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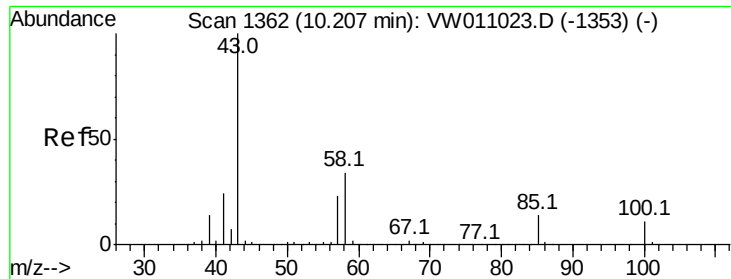
MMDadoda
7/2/2019 8:26:22 AM



#50
Toluene-d8
Concen: 51.126 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 88.711 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 43 Resp: 200702

Ion Ratio Lower Upper

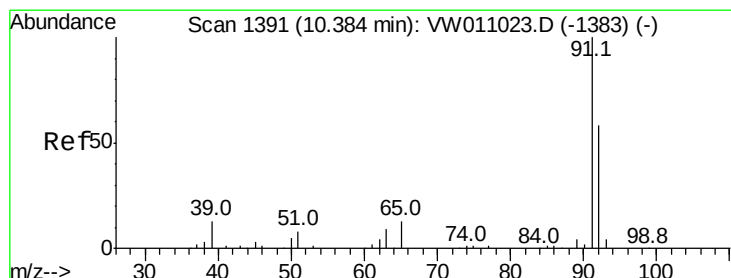
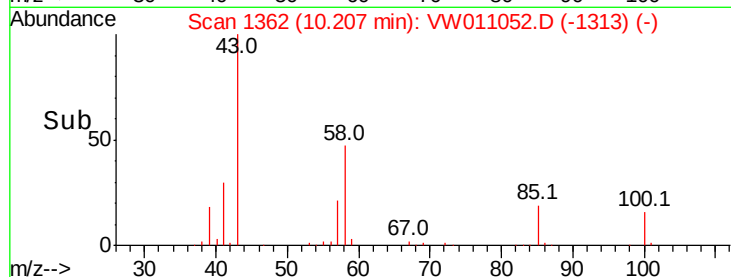
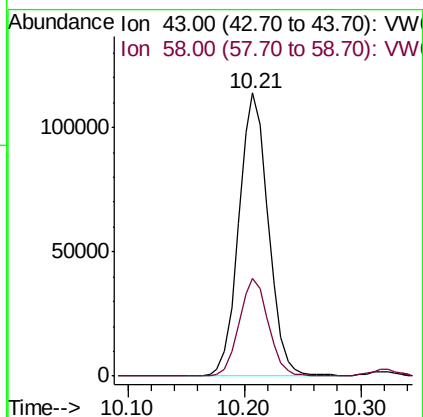
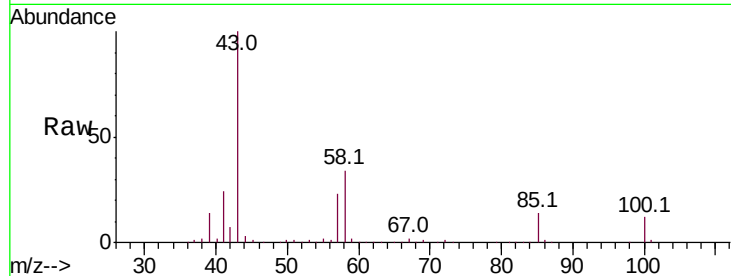
43 100

58 34.3 27.8 41.6

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#52

Toluene

Concen: 20.004 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011052.D

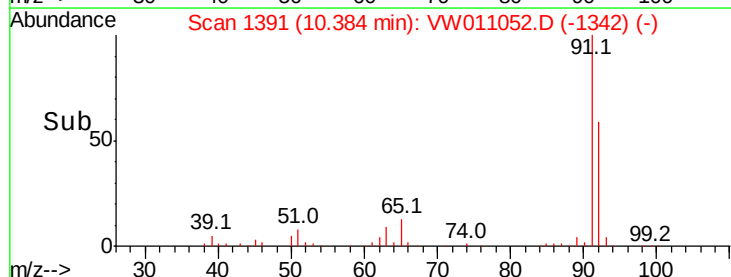
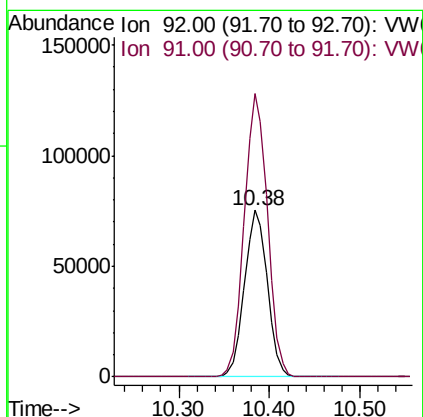
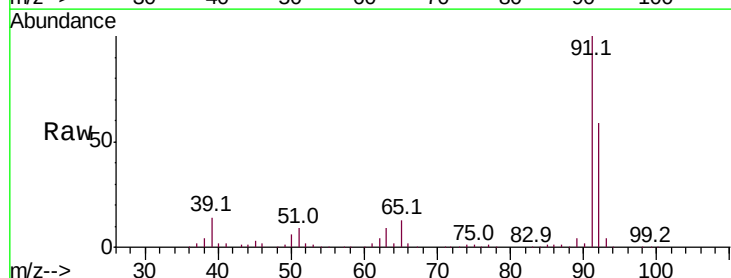
Acq: 28 Jun 2019 11:12

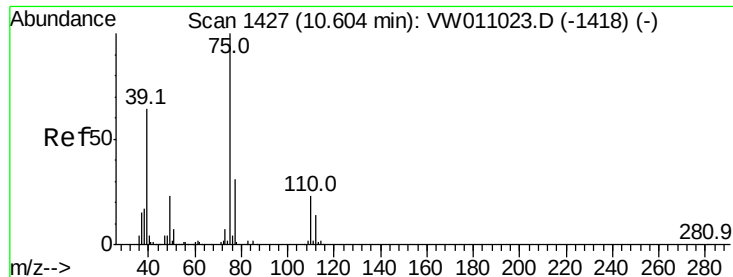
Tgt Ion: 92 Resp: 131553

Ion Ratio Lower Upper

92 100

91 172.0 136.9 205.3





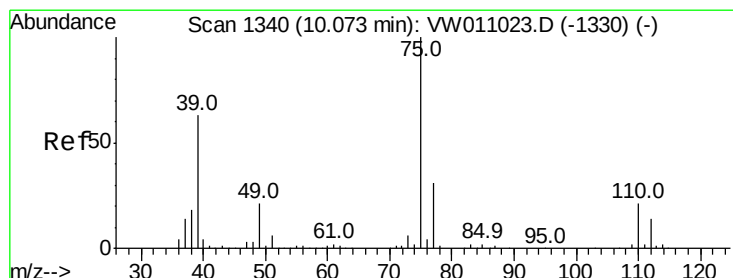
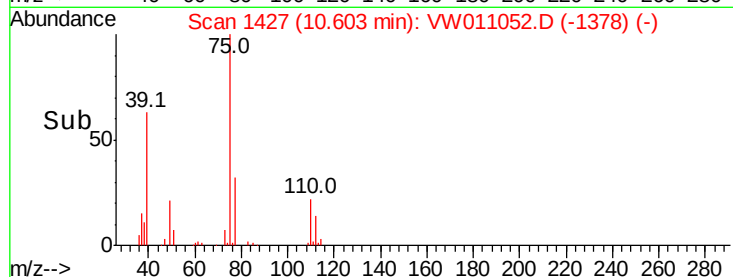
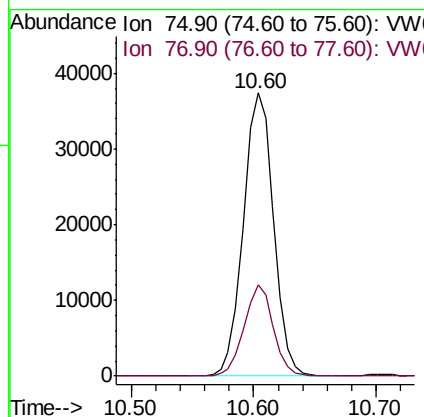
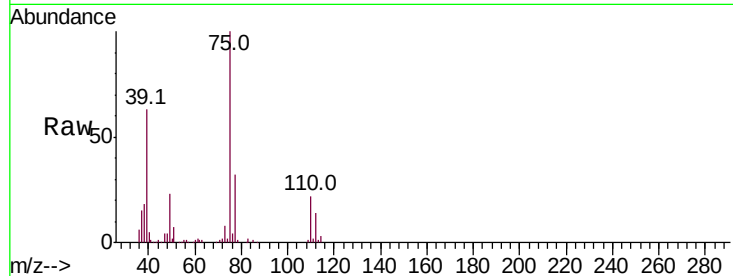
#53
t-1,3-Dichloropropene
Concen: 18.192 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion: 75 Resp: 64002
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0

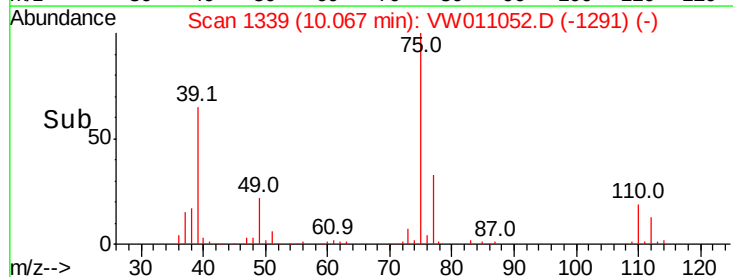
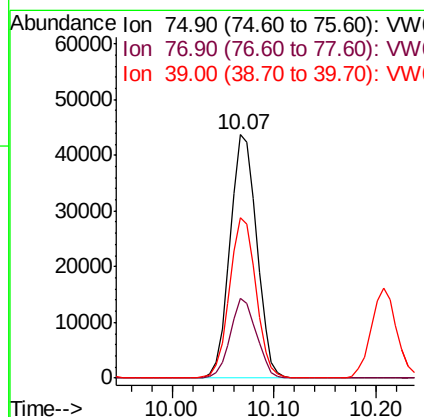
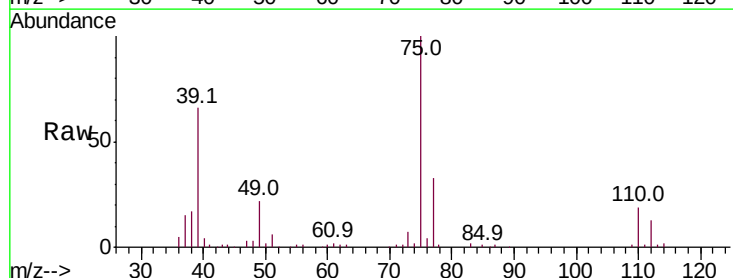
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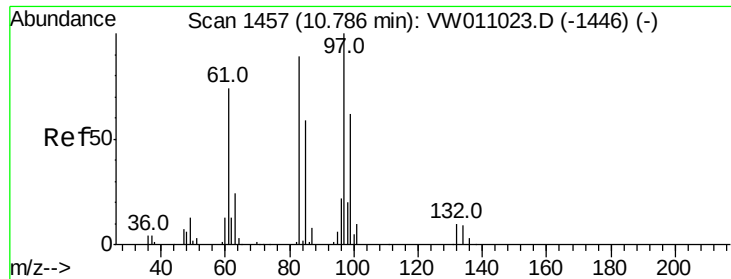
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.840 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 75 Resp: 79067
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 65.5 50.0 75.0





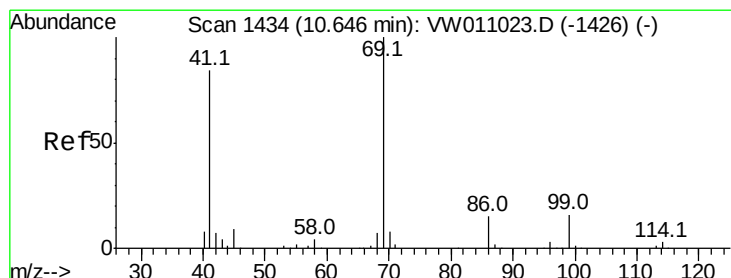
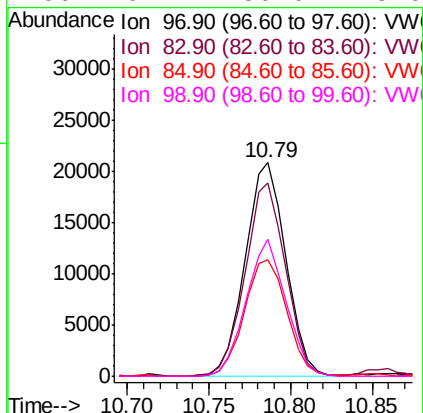
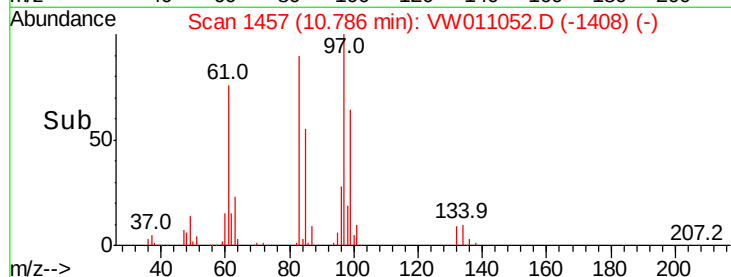
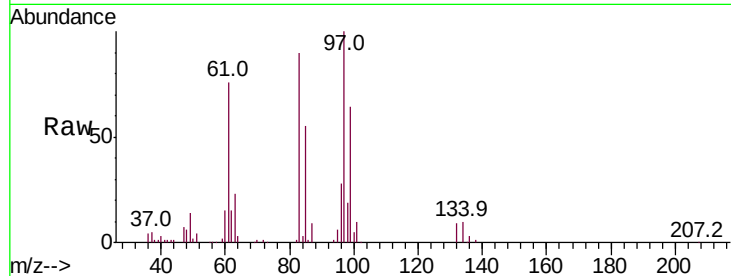
#55
 1,1,2-Trichloroethane
 Concen: 18.769 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.3	70.9	106.3
85	54.6	47.2	70.8
99	64.4	50.0	75.0

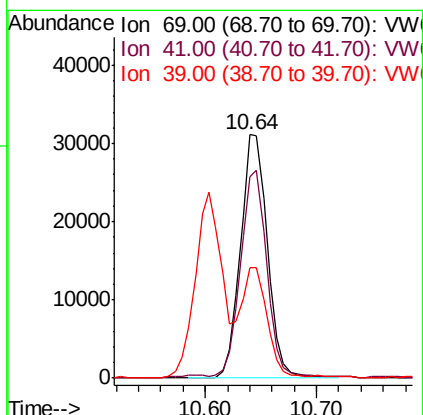
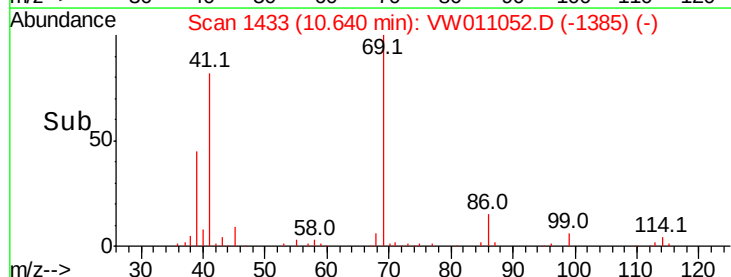
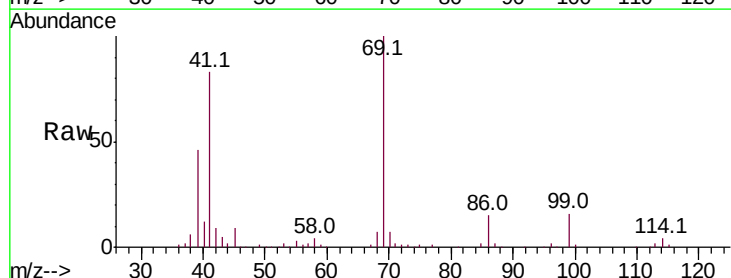
Manual Integrations
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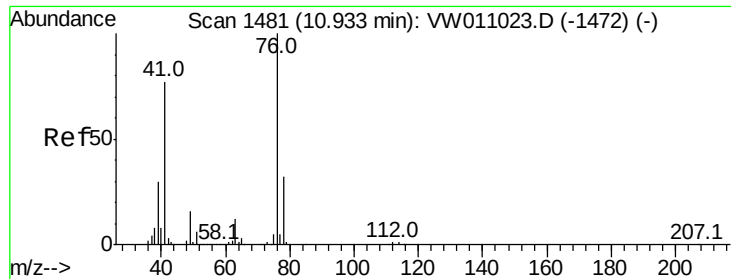
MMDadoda
 7/2/2019 8:26:22 AM



#56
 Ethyl methacrylate
 Concen: 18.099 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	83.4	67.9	101.9
39	40.0	33.2	49.8





#57

1,3-Dichloropropane

Concen: 18.777 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 76 Resp: 68842

Ion Ratio Lower Upper

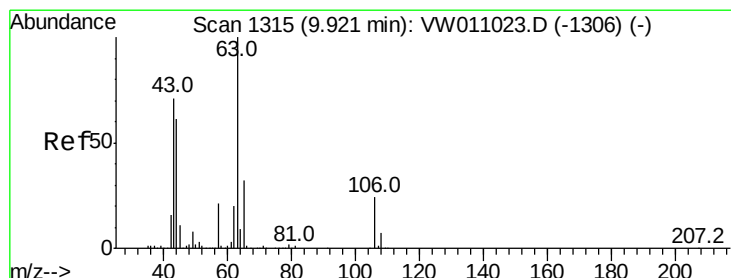
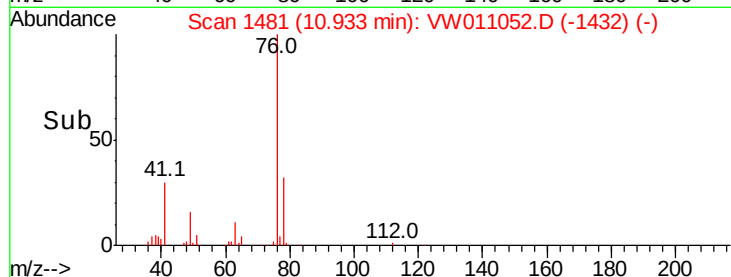
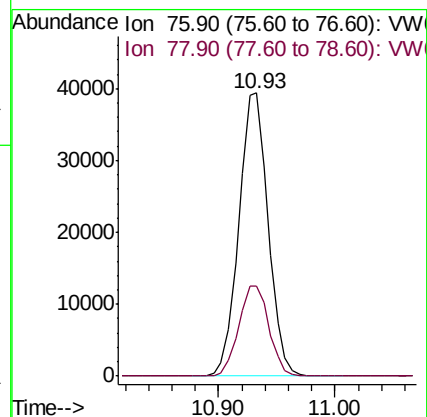
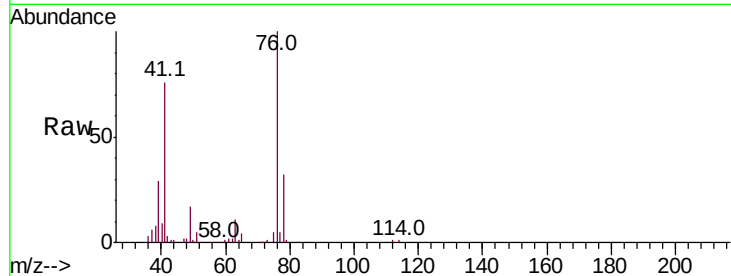
76 100

78 33.1 25.8 38.6

Manual Integrations
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MMDadoda

7/2/2019 8:26:22 AM



#58

2-Chloroethyl Vinyl ether

Concen: 87.577 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW011052.D

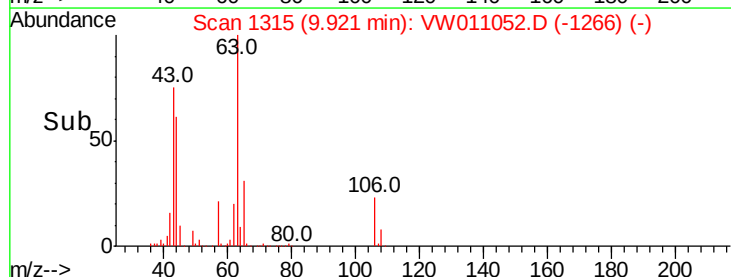
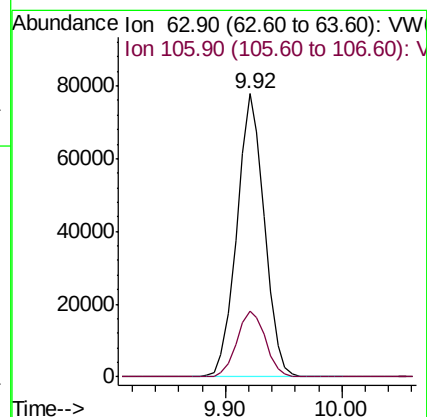
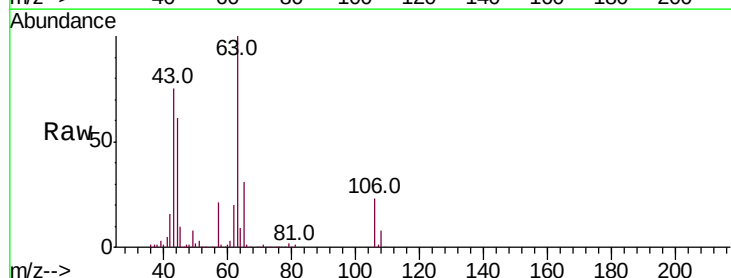
Acq: 28 Jun 2019 11:12

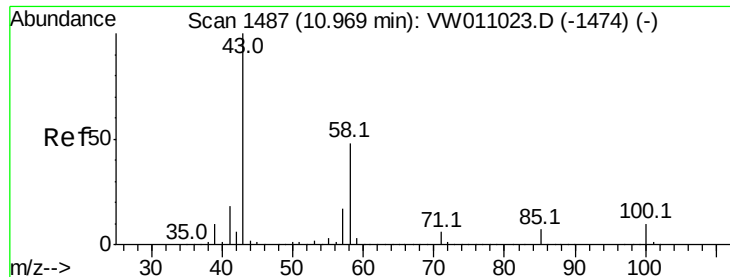
Tgt Ion: 63 Resp: 127891

Ion Ratio Lower Upper

63 100

106 24.1 19.4 29.0





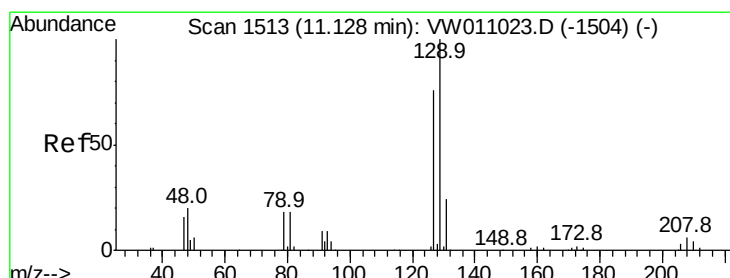
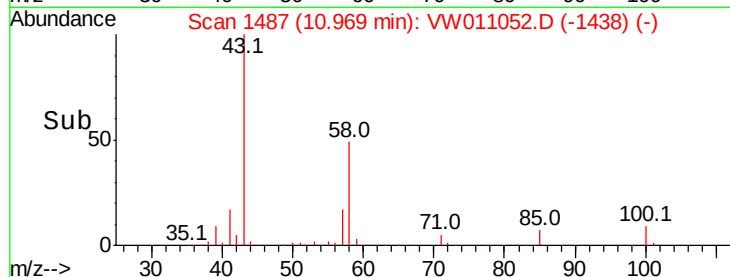
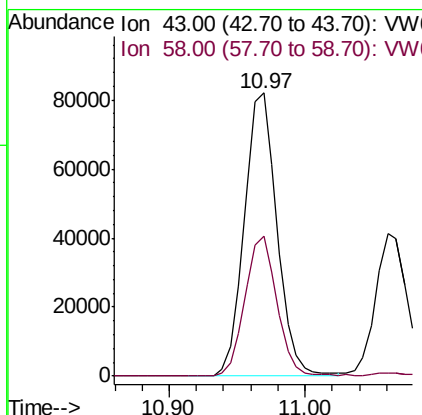
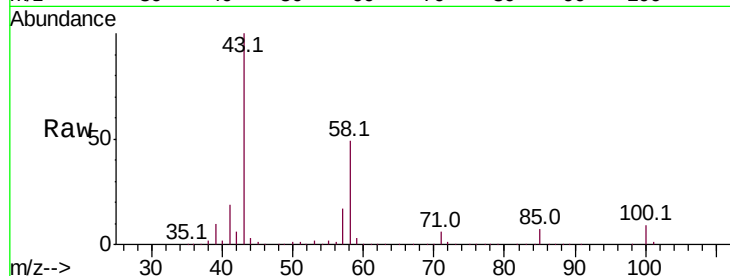
#59
2-Hexanone
Concen: 87.613 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion: 43 Resp: 138230
Ion Ratio Lower Upper
43 100
58 48.7 23.8 71.5

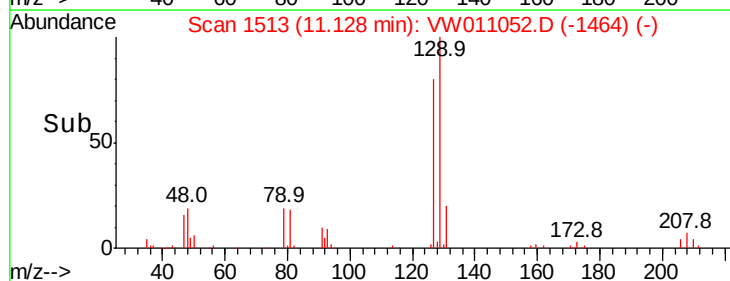
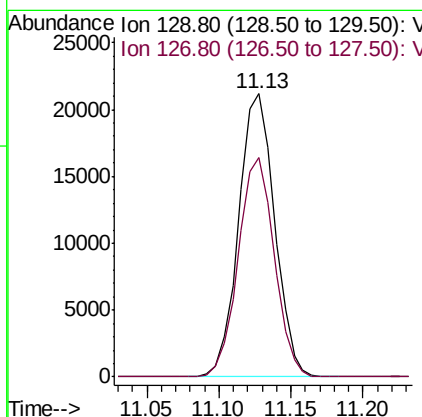
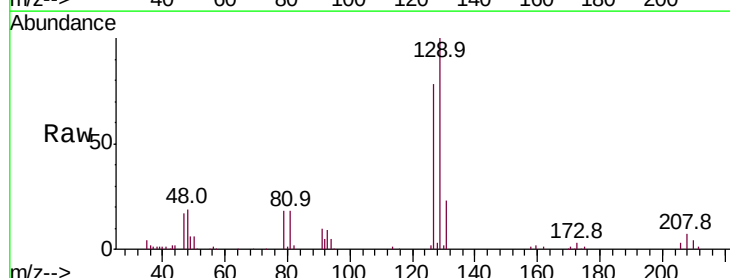
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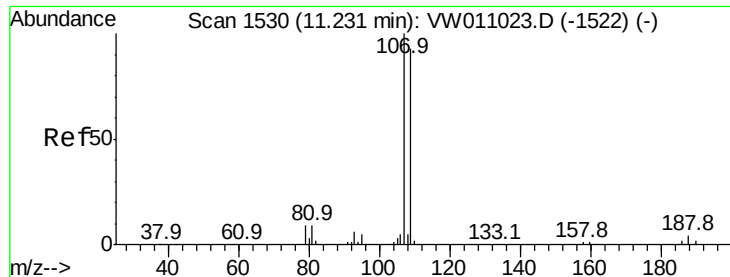
MMDadoda
7/2/2019 8:26:22 AM



#60
Dibromochloromethane
Concen: 18.186 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 129 Resp: 36756
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1





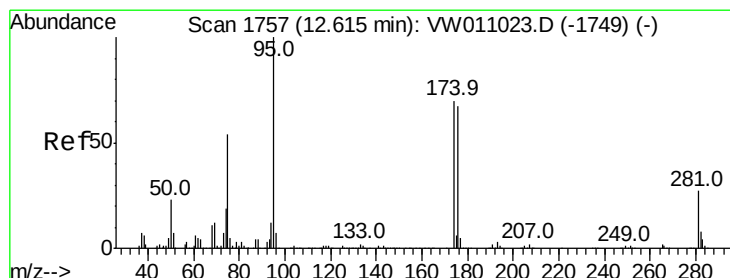
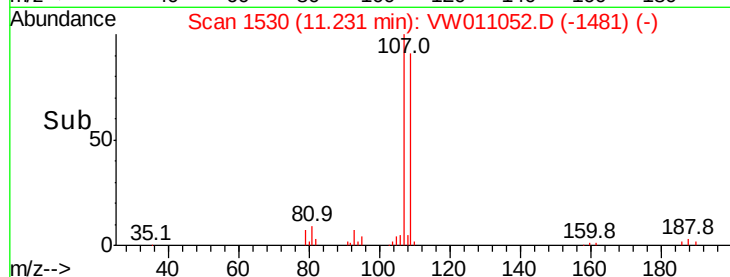
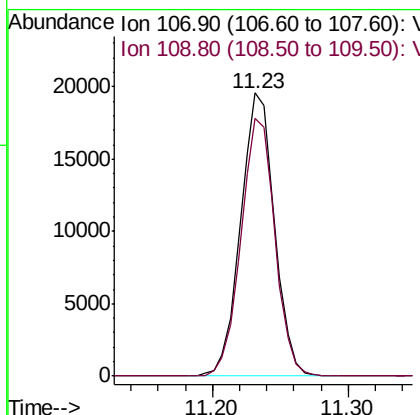
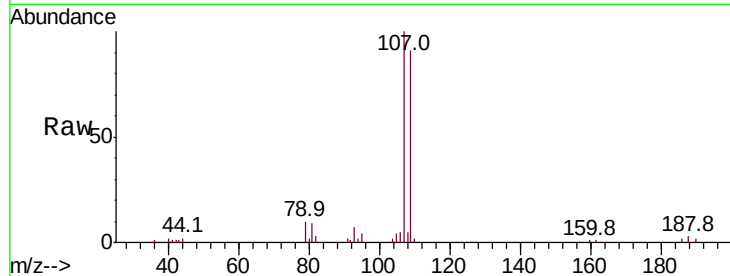
#61
 1,2-Dibromoethane
 Concen: 18.766 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.6	75.1	112.7

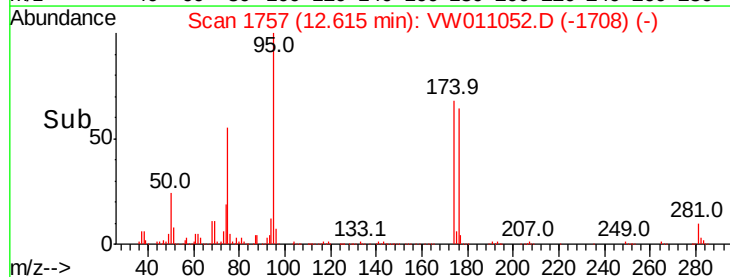
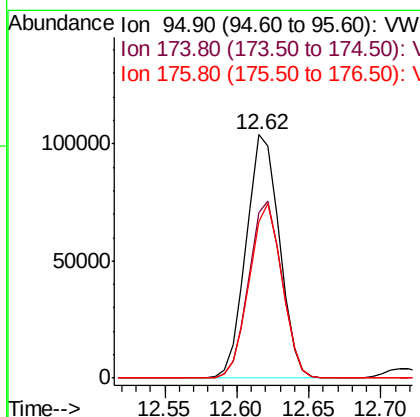
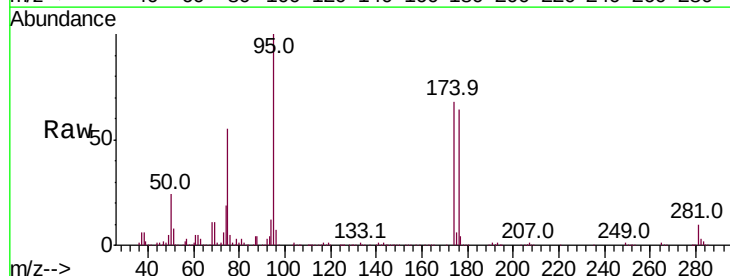
Manual Integrations
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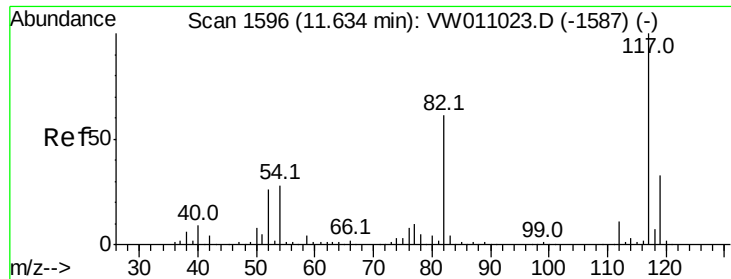
MMDadoda
 7/2/2019 8:26:22 AM



#62
 4-Bromofluorobenzene
 Concen: 49.782 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	149.2
176	70.5	0.0	143.6





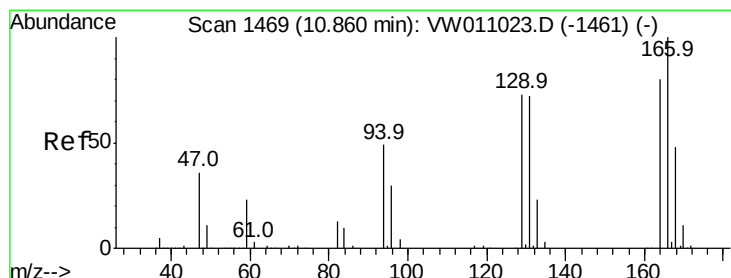
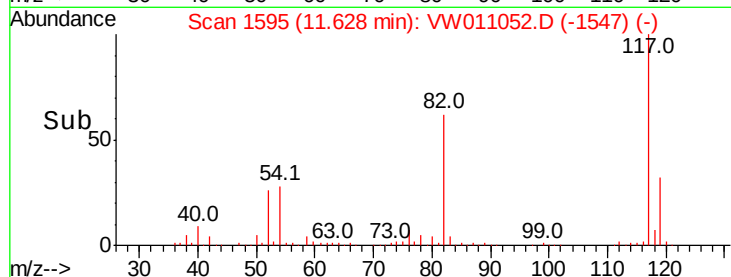
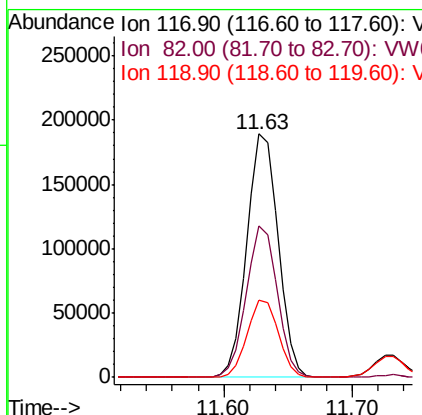
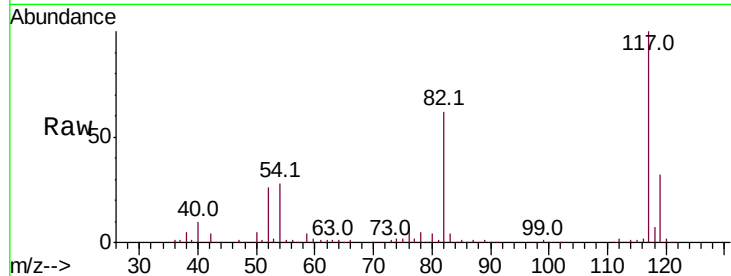
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.1	48.6	73.0
119	31.7	26.1	39.1

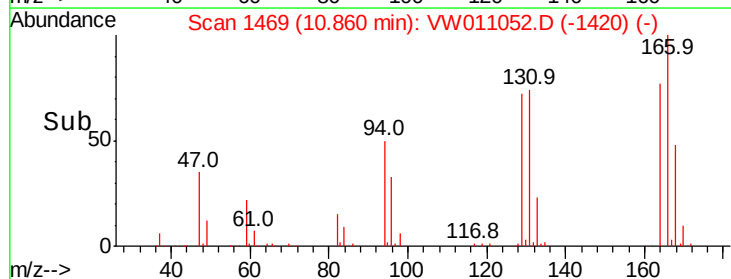
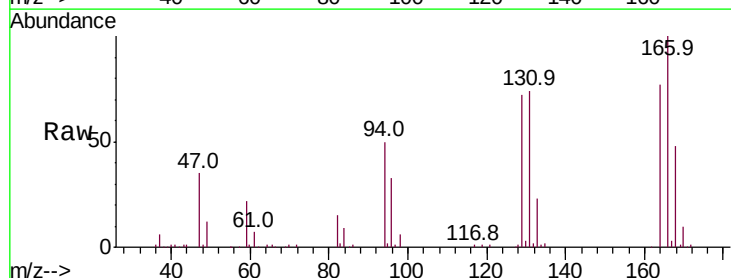
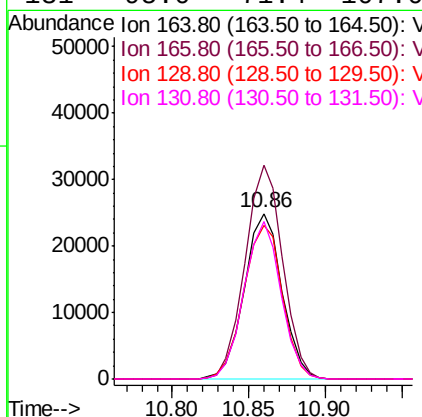
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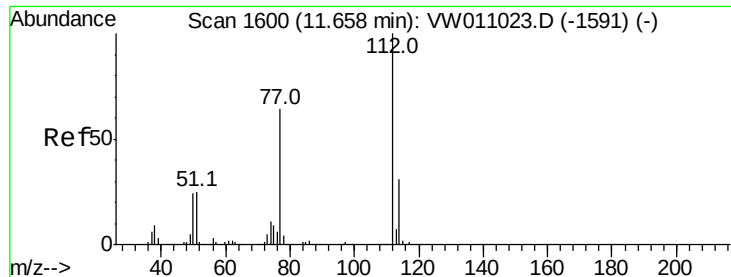
MMDadoda
7/2/2019 8:26:22 AM



#64
Tetrachloroethene
Concen: 19.550 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	99.8	149.6
129	93.1	73.0	109.4
131	95.0	71.4	107.0





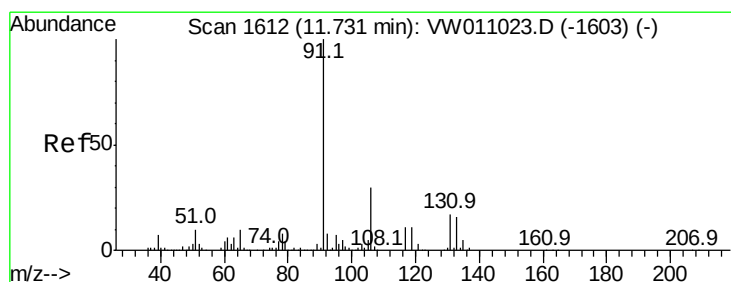
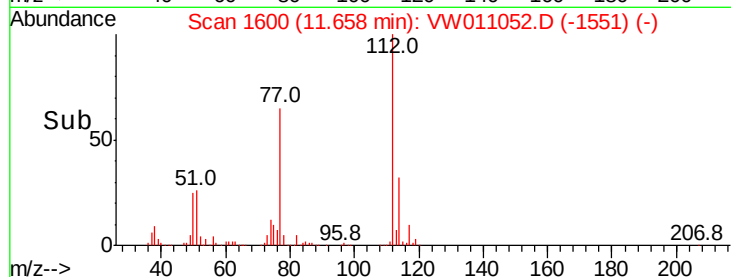
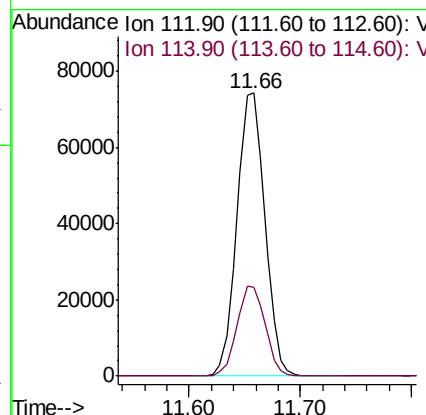
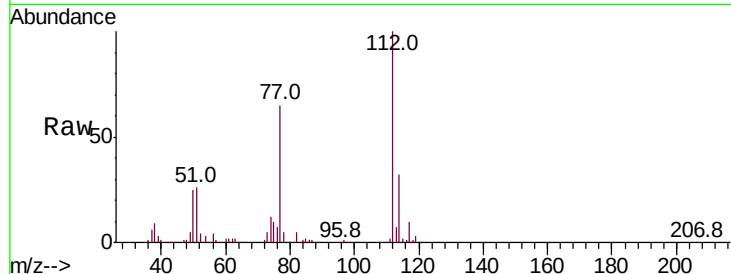
#65
Chlorobenzene
Concen: 19.908 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.2	37.8

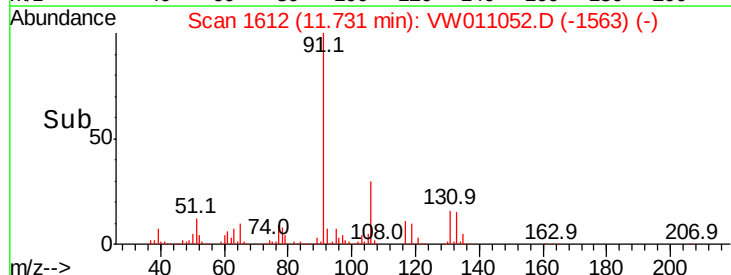
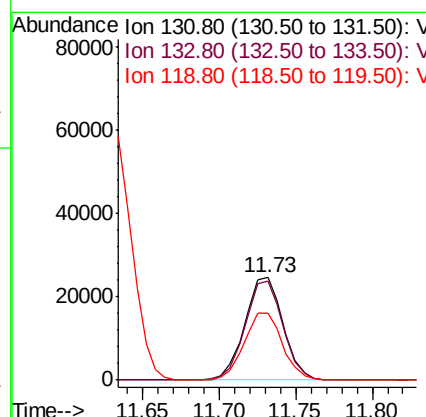
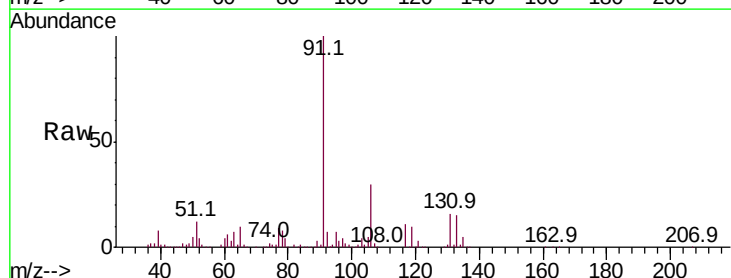
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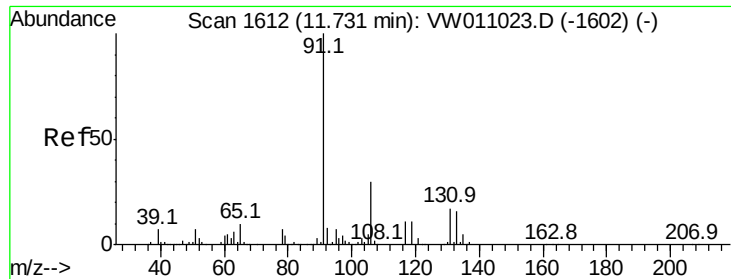
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.258 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.7	143.1
119	65.8	33.1	99.2





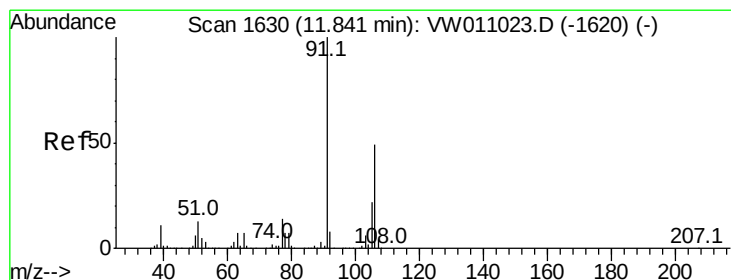
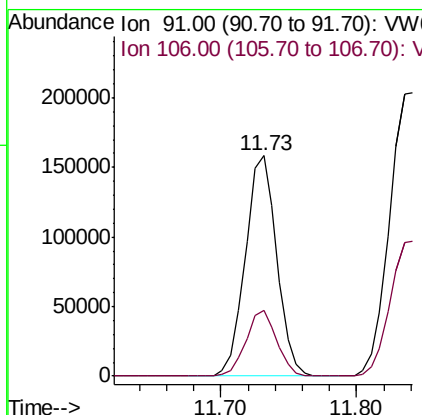
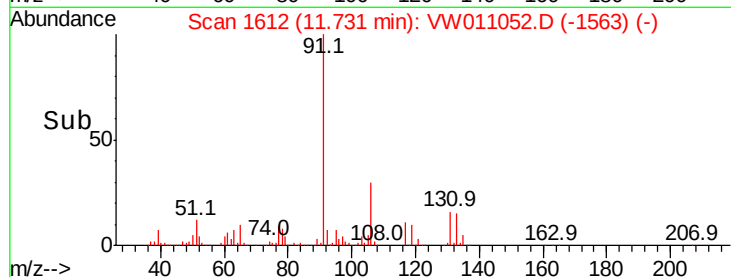
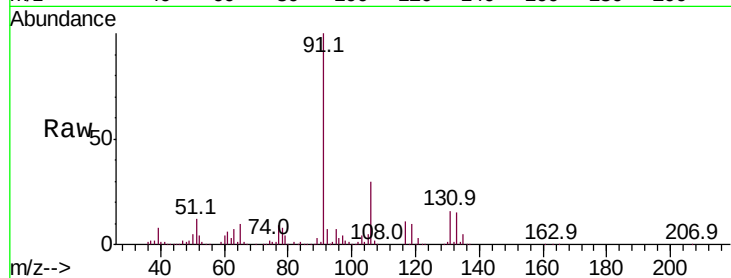
#67
Ethyl Benzene
Concen: 20.572 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion: 91 Resp: 256042
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

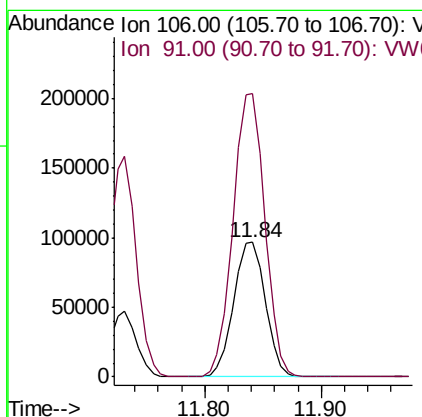
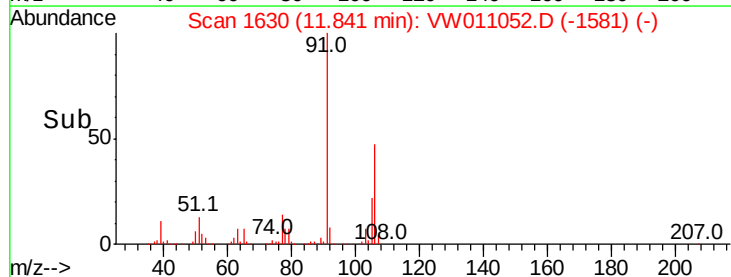
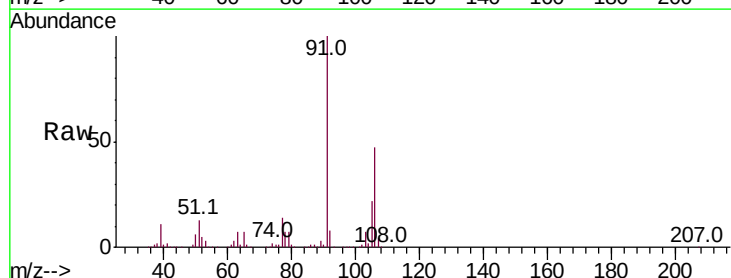
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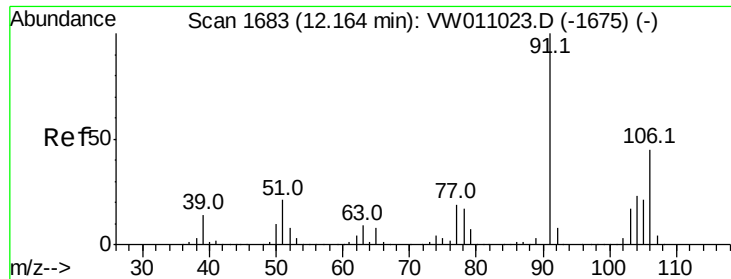
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7/2/2019 8:26:22 AM



#68
m/p-Xylenes
Concen: 40.838 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 106 Resp: 184432
Ion Ratio Lower Upper
106 100
91 210.3 167.5 251.3





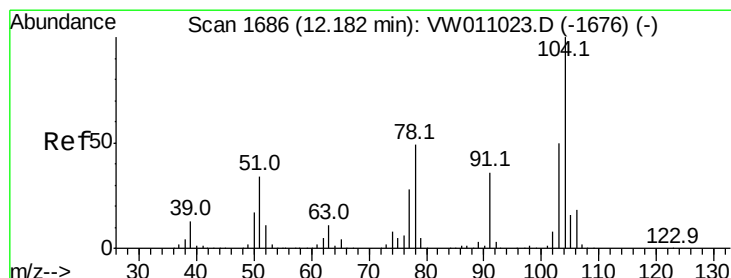
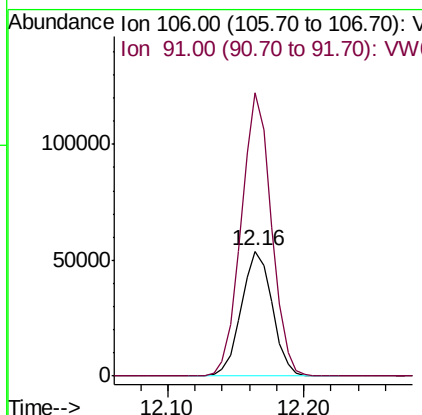
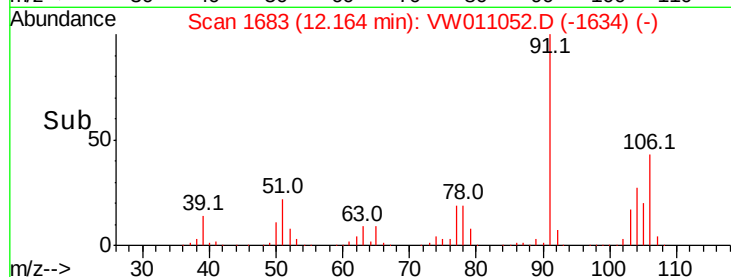
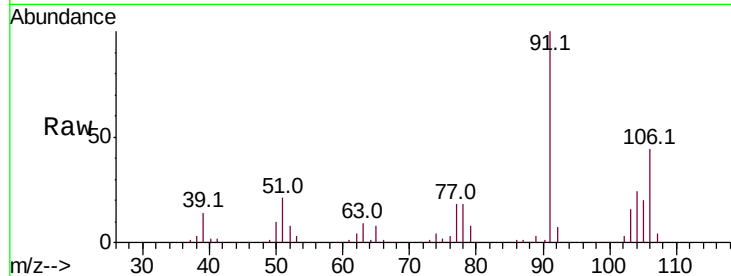
#69
o-Xylene
Concen: 20.311 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion:106 Resp: 85437
Ion Ratio Lower Upper
106 100
91 221.7 110.8 332.3

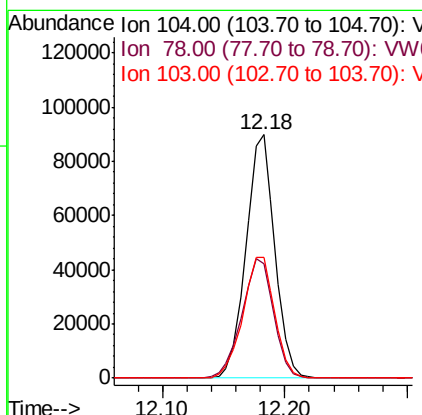
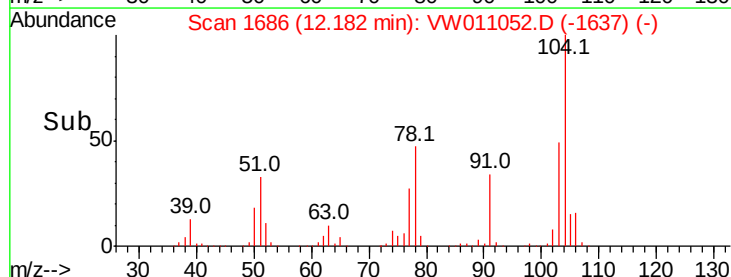
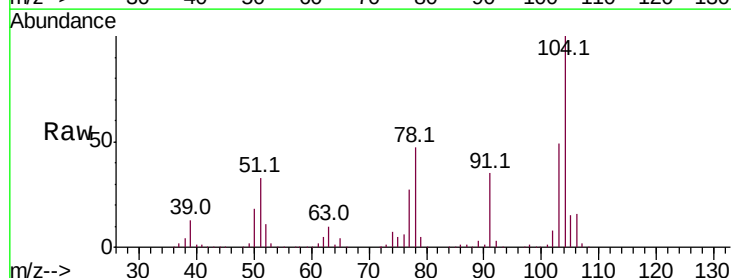
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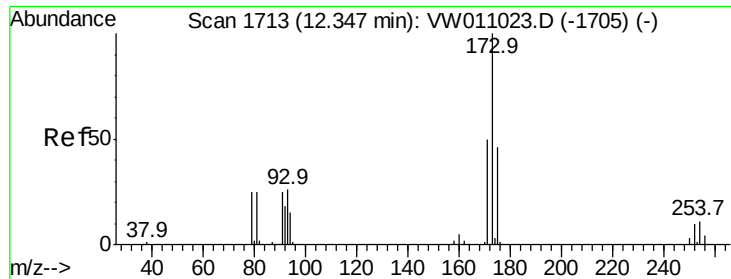
MMDadoda
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#70
Styrene
Concen: 20.055 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion:104 Resp: 146592
Ion Ratio Lower Upper
104 100
78 54.0 43.7 65.5
103 54.8 43.9 65.9





#71

Bromoform

Concen: 17.402 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

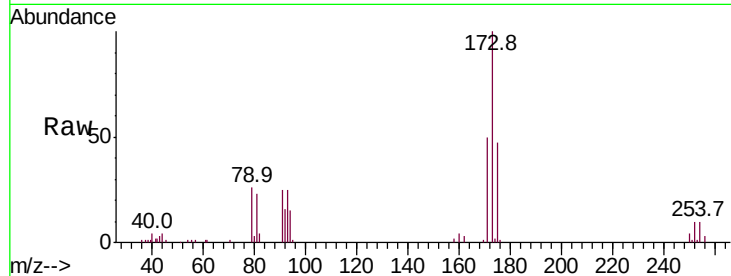
ClientSampleId :

VW0629SBS01

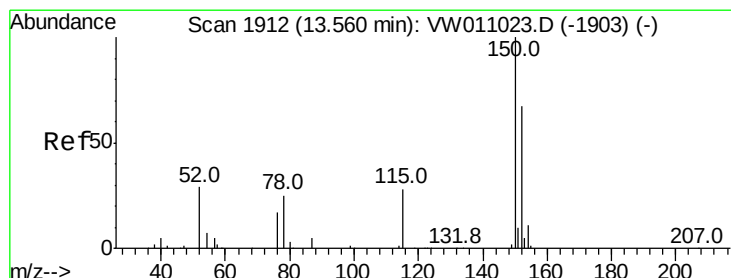
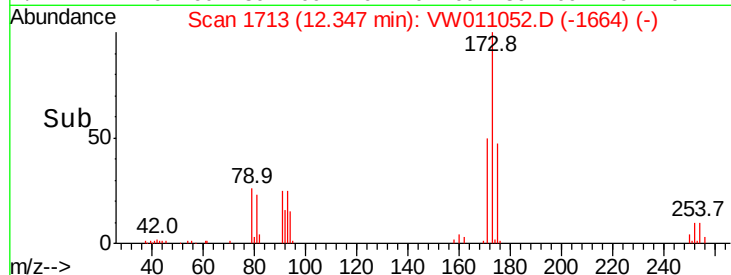
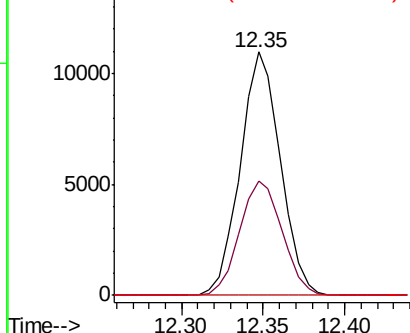
Tot Ion:	173	Resp:	18717
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.1	72.2
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

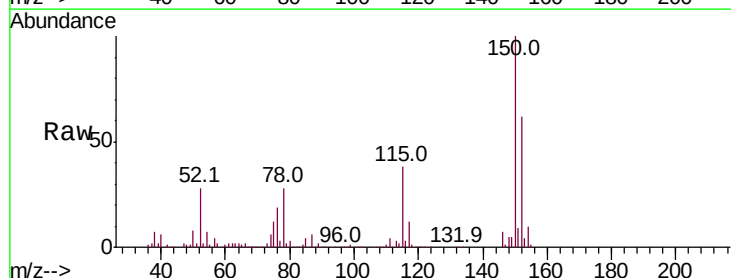
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

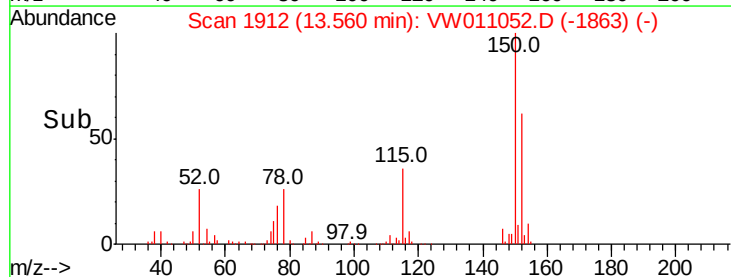
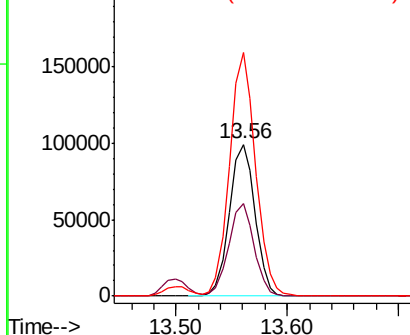
Lab File: VW011052.D

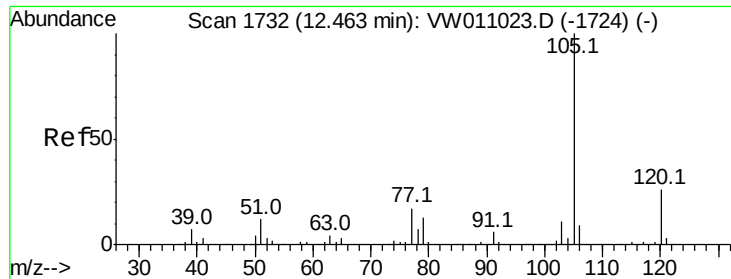
Acq: 28 Jun 2019 11:12

Tgt Ion:	152	Resp:	158285
Ion Ratio	Lower	Upper	
152	100		
115	60.2	30.7	92.1
150	162.5	0.0	341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





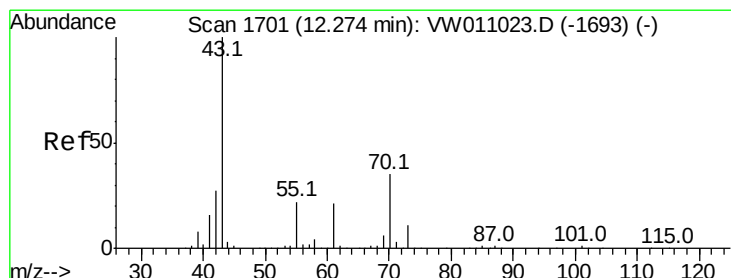
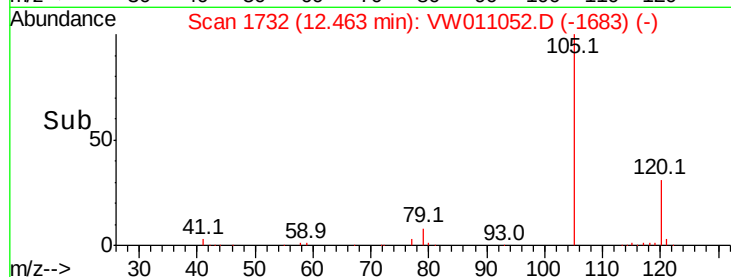
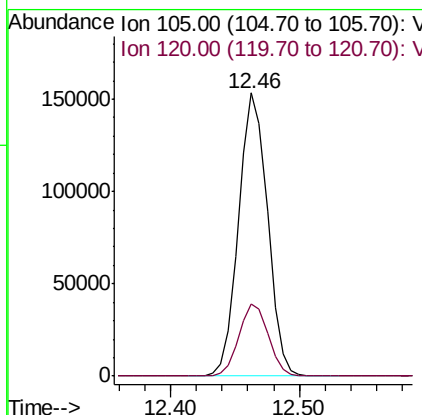
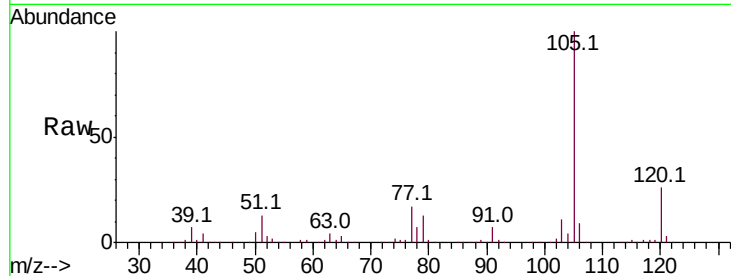
#73
Isopropylbenzene
Concen: 20.104 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	238384		
120	25.8	12.9	38.6	

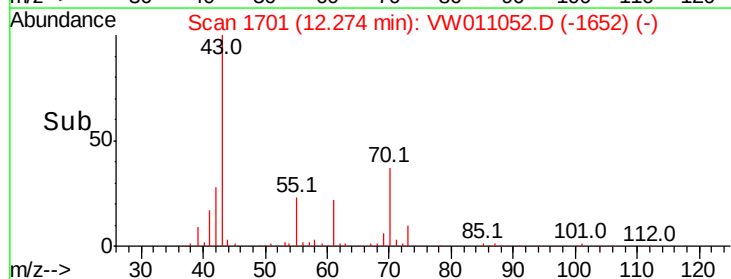
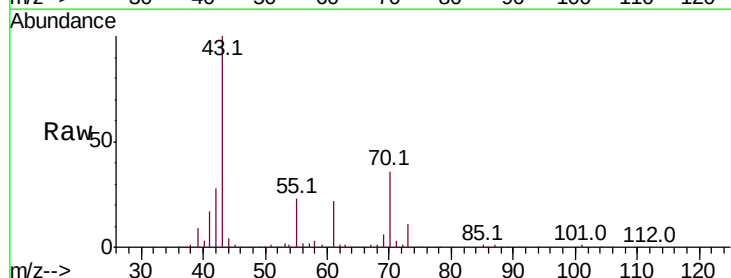
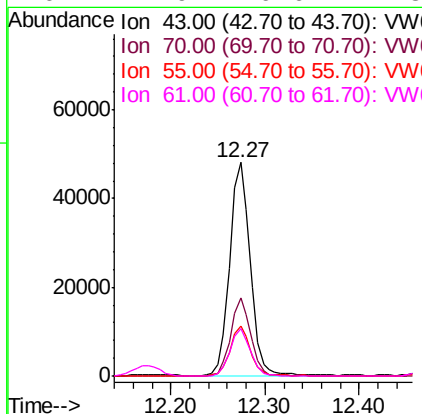
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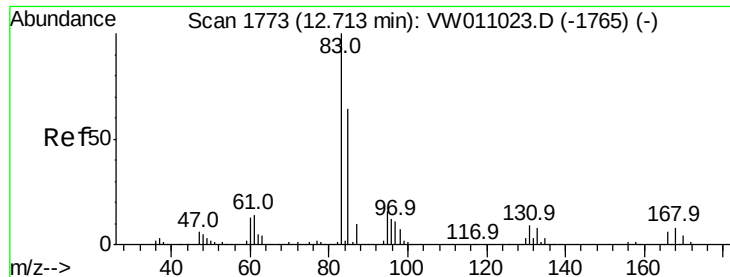
MMDadoda
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#74
N-ethyl acetate
Concen: 18.205 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	72497		
70	35.6	28.2	42.4	
55	23.4	17.8	26.8	
61	21.9	16.6	24.8	





#75

1,1,2,2-Tetrachloroethane

Concen: 18.561 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

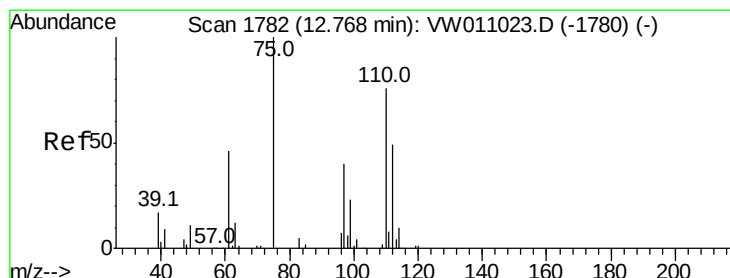
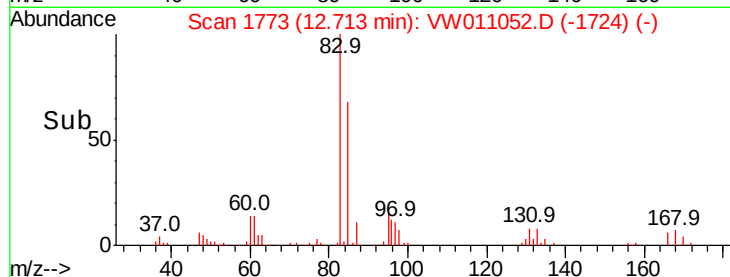
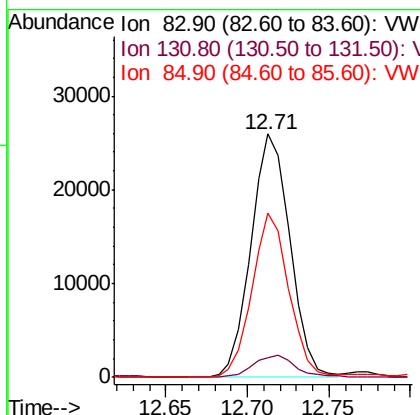
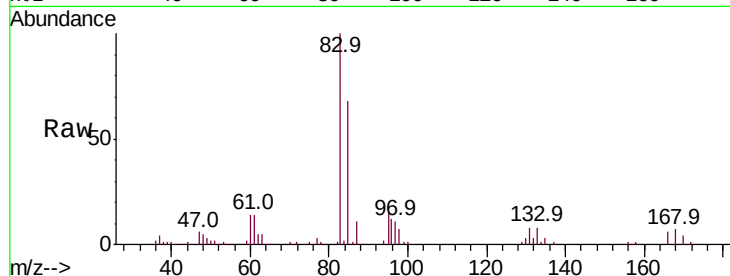
ClientSampleId :

VW0629SBS01

Tot Ion:	83	Resp:	43220
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	63.9	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 17.972 ug/l m

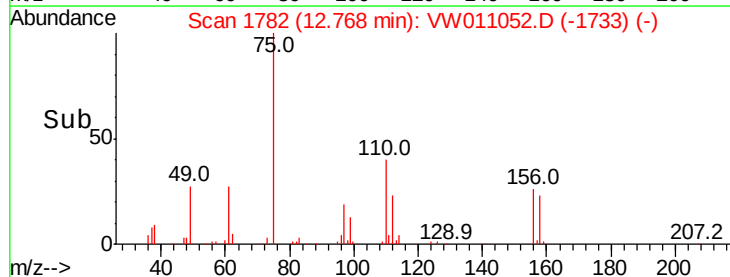
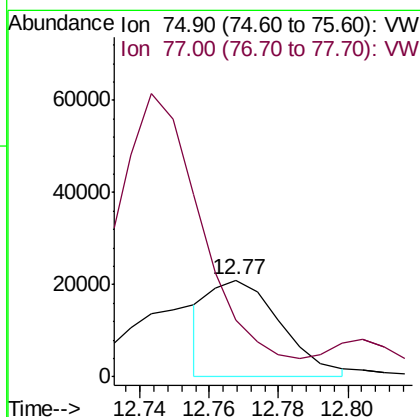
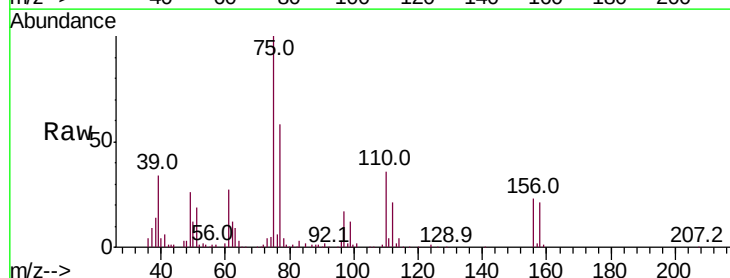
RT: 12.77 min Scan# 1782

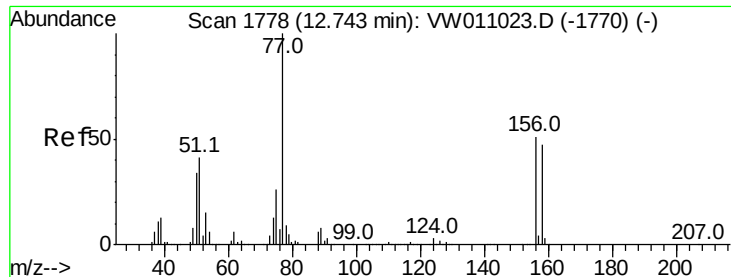
Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion:	75	Resp:	30032
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.758 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion:156 Resp: 51496

Ion Ratio Lower Upper

156 100

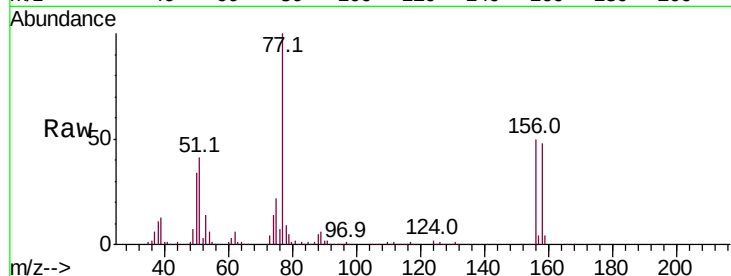
77 213.4 109.5 328.5

158 95.5 48.6 145.9

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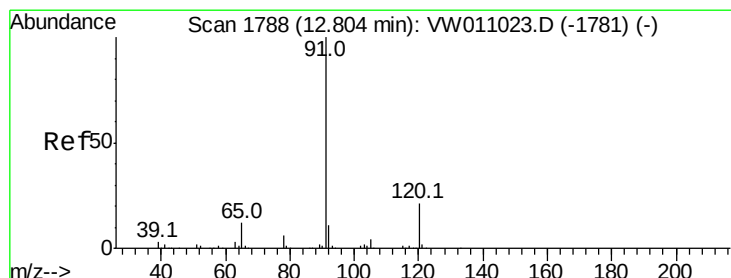
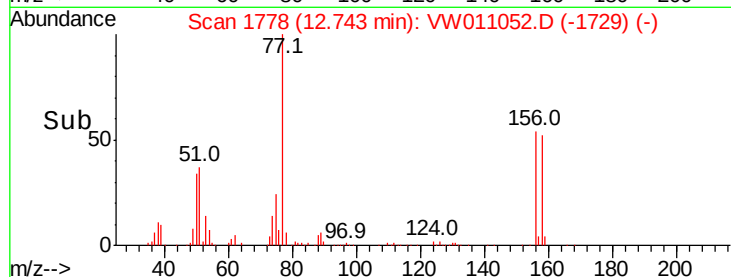
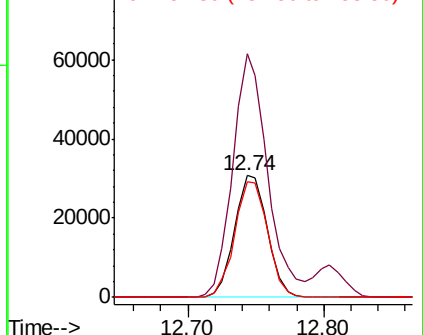


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.426 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011052.D

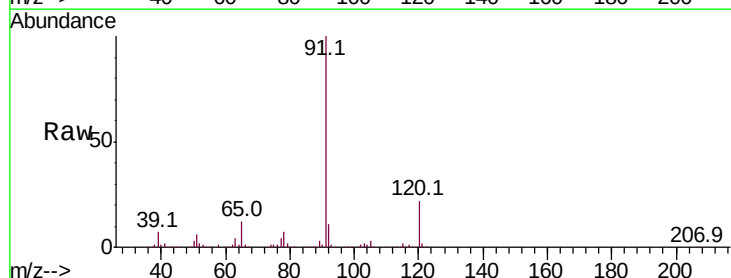
Acq: 28 Jun 2019 11:12

Tgt Ion: 91 Resp: 299931

Ion Ratio Lower Upper

91 100

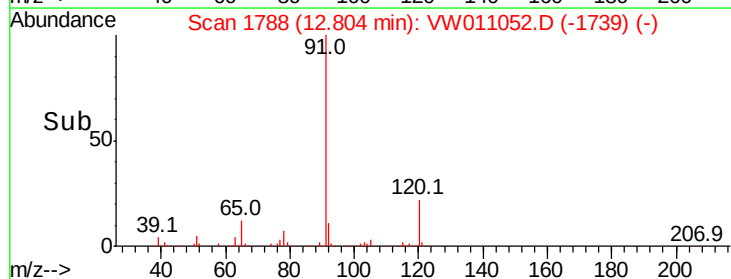
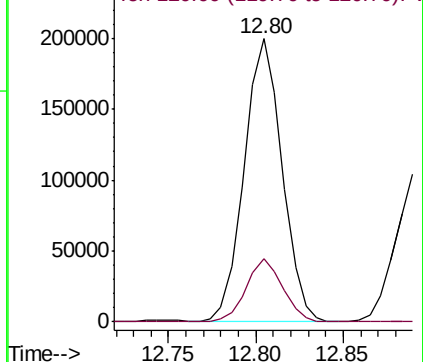
120 21.6 10.5 31.6

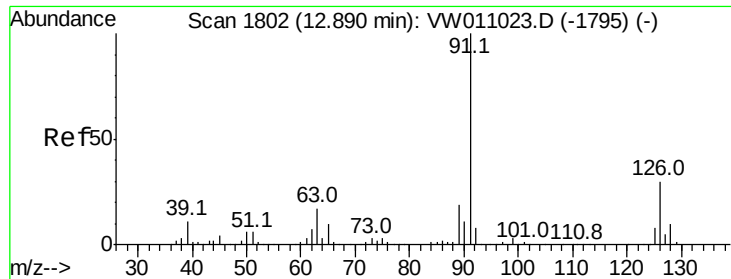


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.302 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 91 Resp: 170317

Ion Ratio Lower Upper

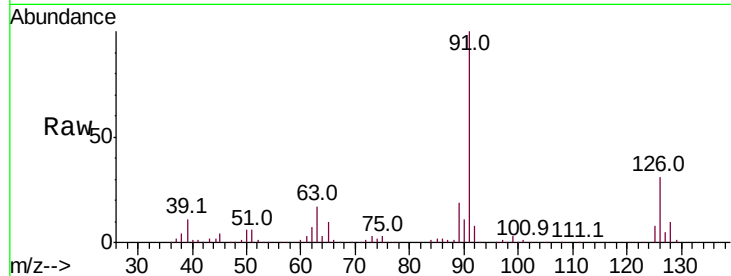
91 100

126 30.9 15.4 46.4

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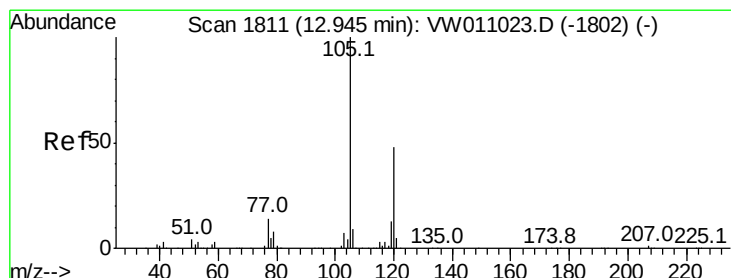
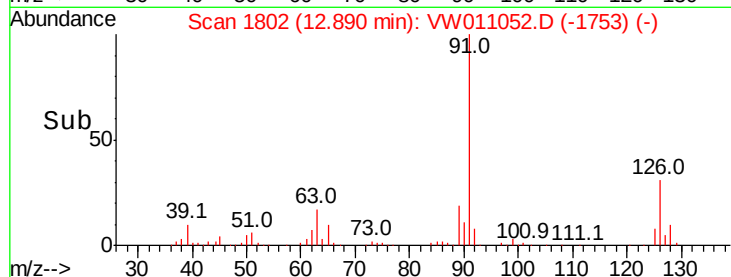
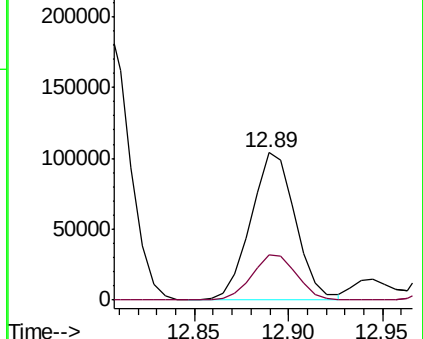
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.251 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011052.D

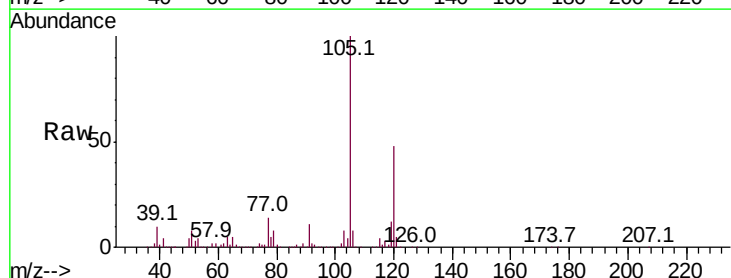
Acq: 28 Jun 2019 11:12

Tgt Ion:105 Resp: 203535

Ion Ratio Lower Upper

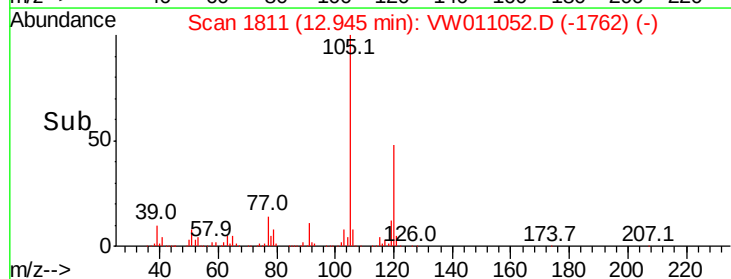
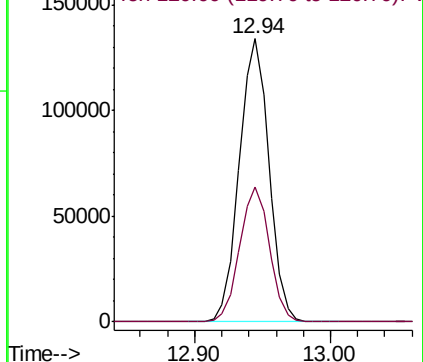
105 100

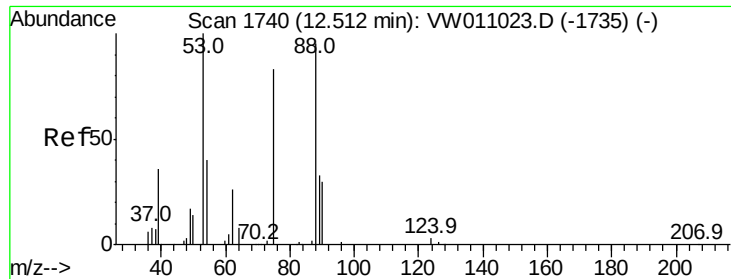
120 48.3 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





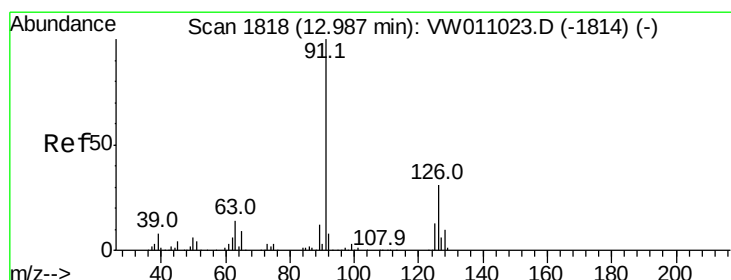
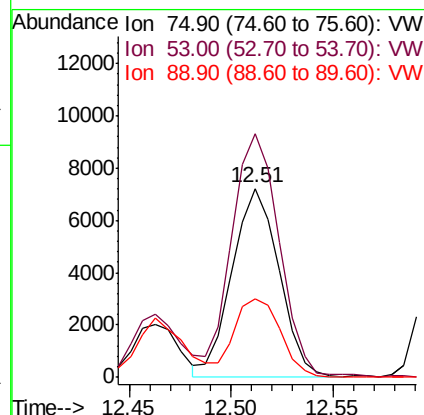
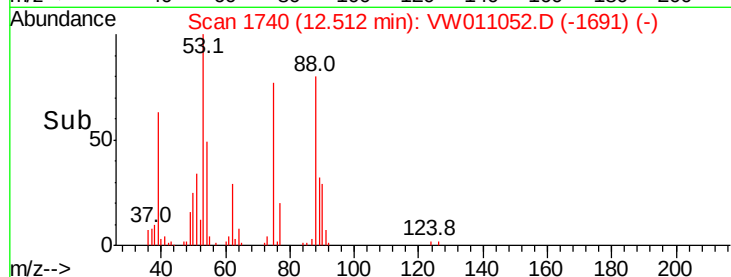
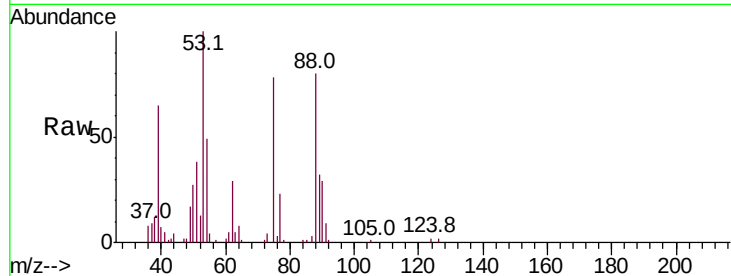
#81
trans-1,4-Dichloro-2-butene
Concen: 17.651 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	129.6	95.6	143.4
89	39.9	34.4	51.6

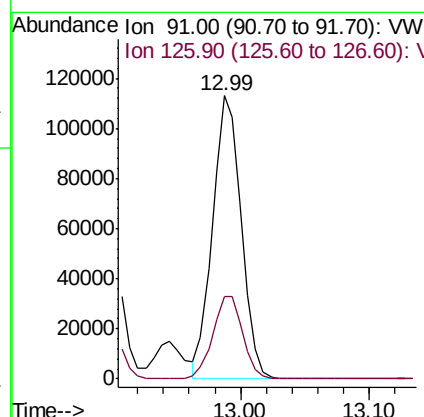
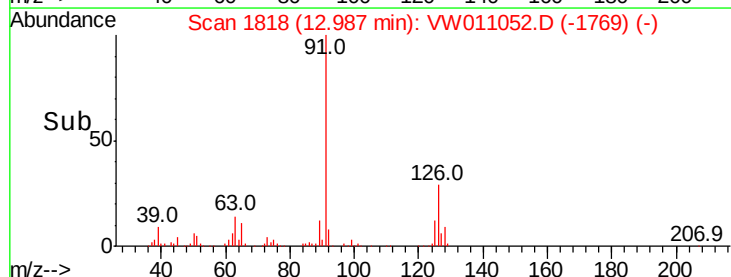
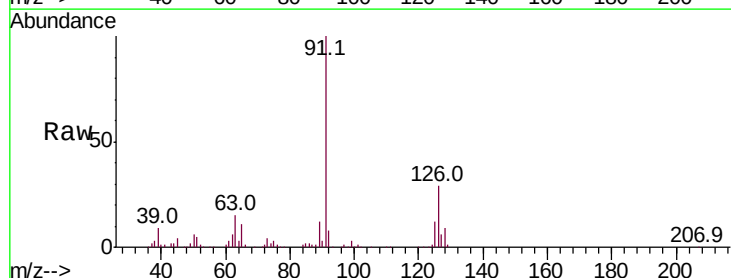
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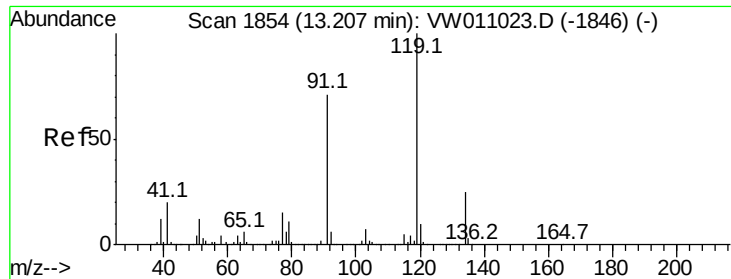
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#82
4-Chlorotoluene
Concen: 20.112 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.7	47.1





#83

tert-Butylbenzene

Concen: 20.180 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

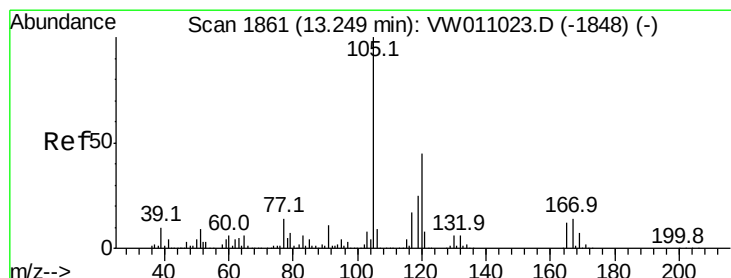
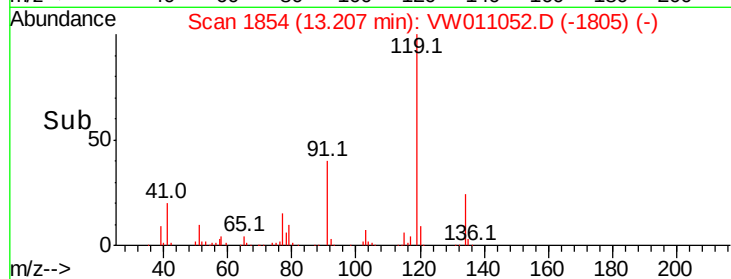
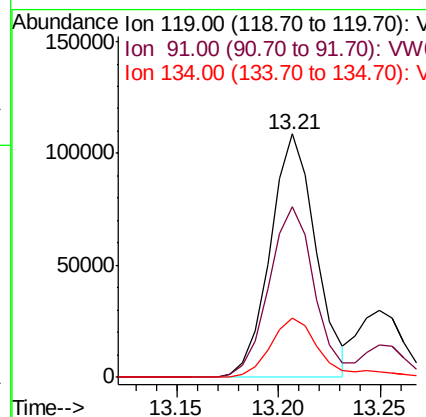
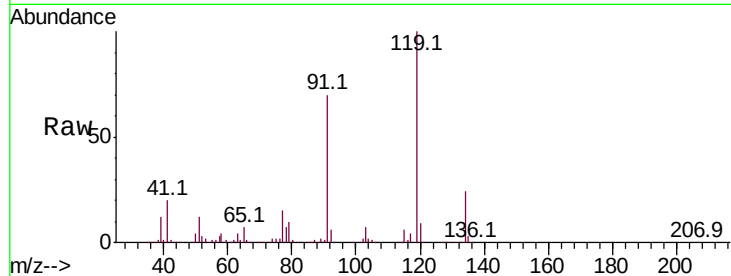
ClientSampleId :

VW0629SBS01

Tot Ion:	119	Resp:	169126
Ion Ratio	Lower	Upper	
119	100		
91	71.0	35.5	106.5
134	25.0	12.4	37.2

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#84

1,2,4-Trimethylbenzene

Concen: 20.195 ug/l

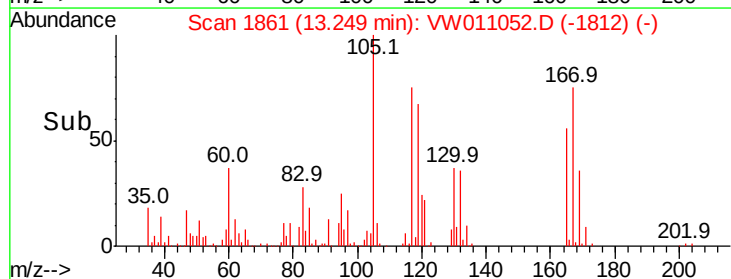
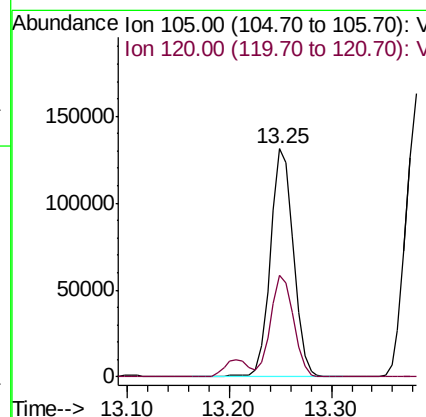
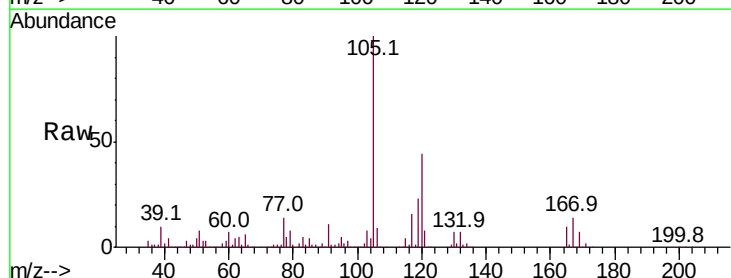
RT: 13.25 min Scan# 1861

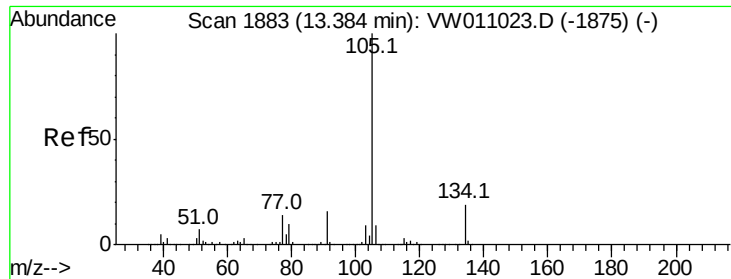
Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion:	105	Resp:	205151
Ion Ratio	Lower	Upper	
105	100		
120	44.1	22.4	67.2





#85

sec-Butylbenzene

Concen: 20.456 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion:105 Resp: 249049

Ion Ratio Lower Upper

105 100

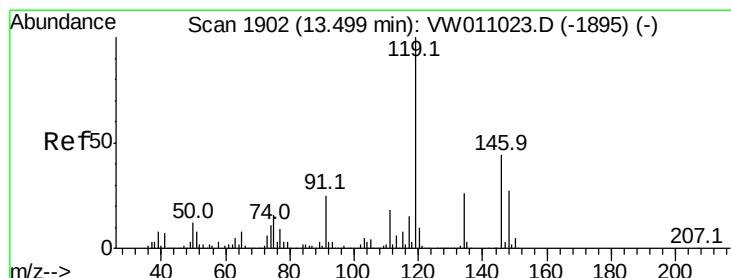
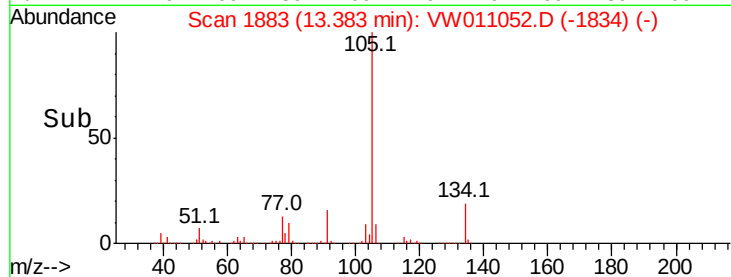
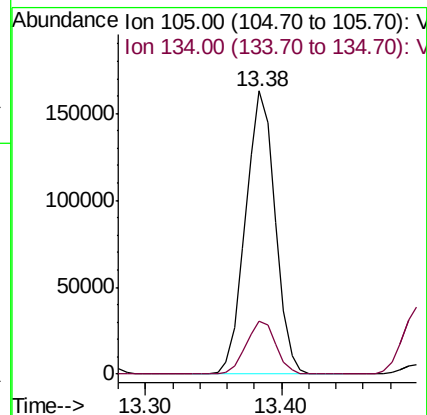
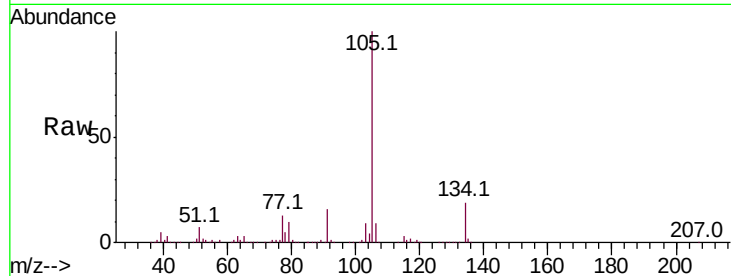
134 18.9 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 20.439 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

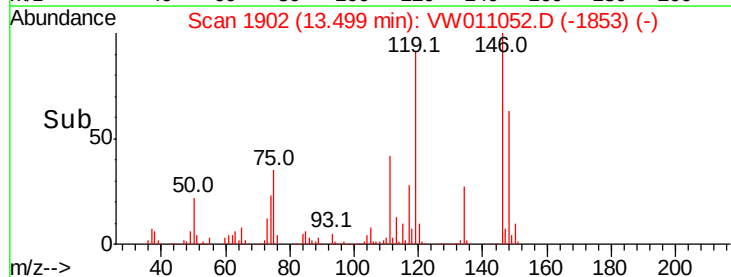
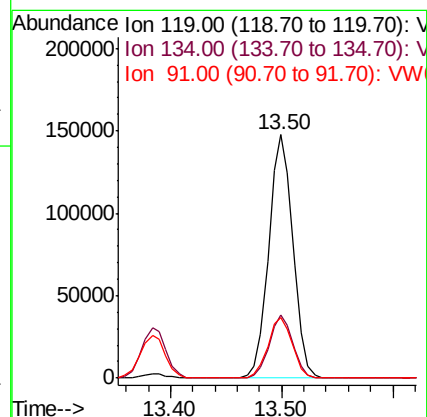
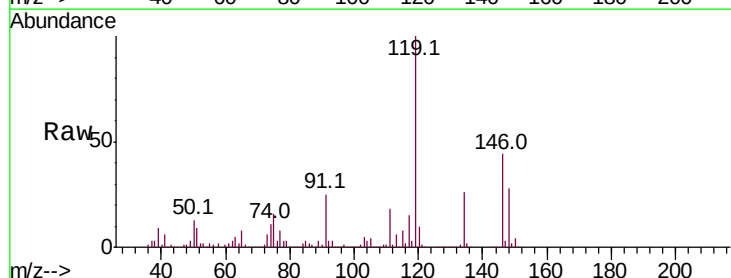
Tgt Ion:119 Resp: 223930

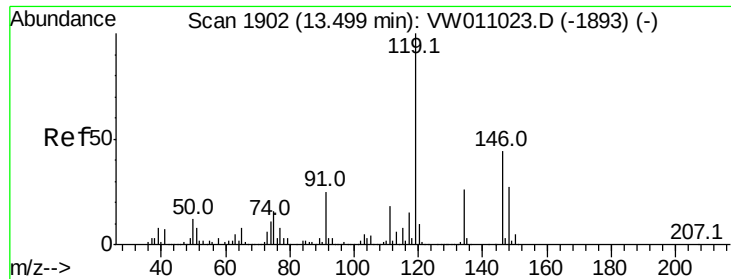
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 24.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 19.780 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

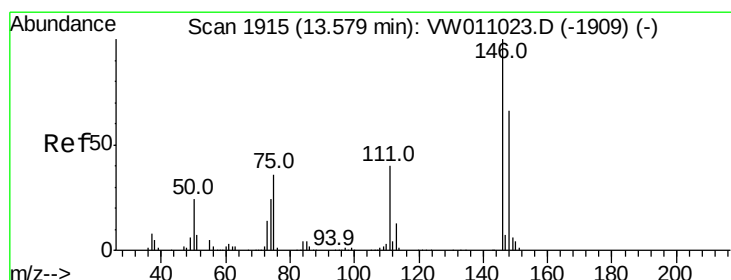
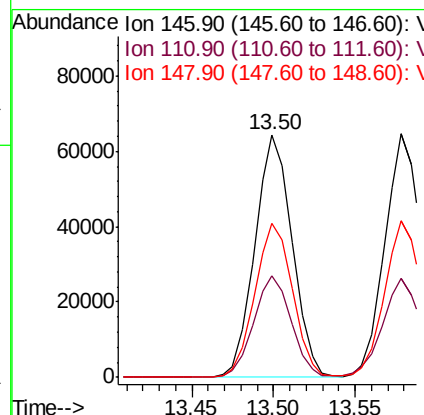
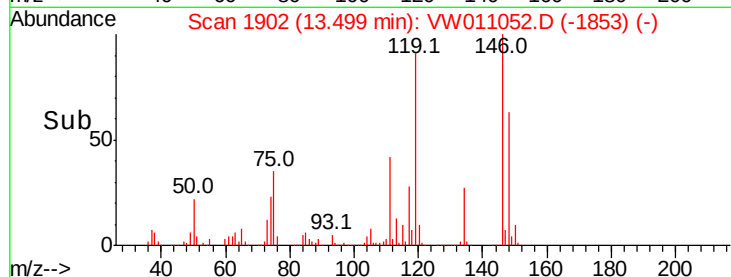
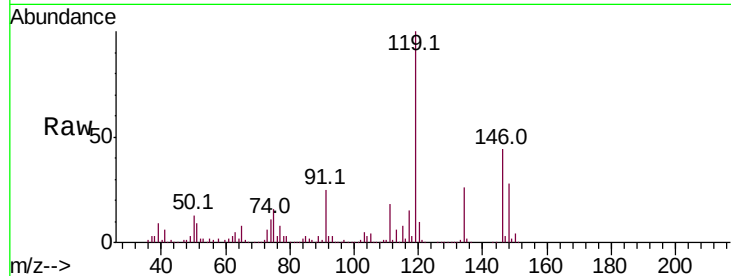
Instrument :
MSVOA_W

ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.8
148	64.0	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 19.626 ug/l

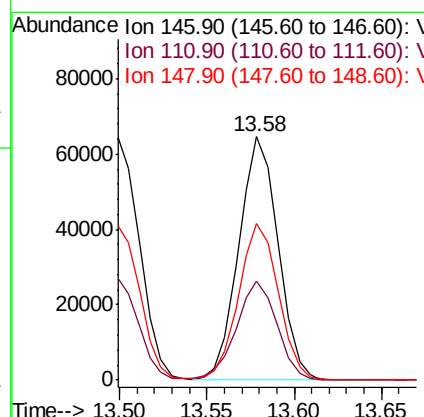
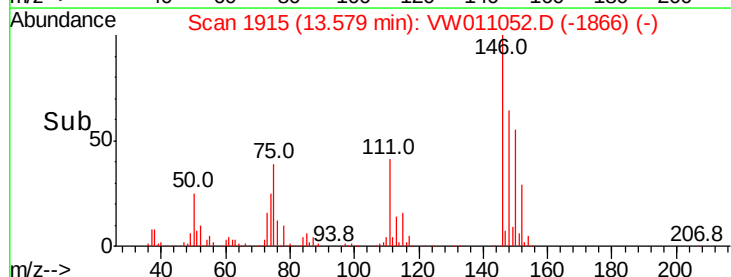
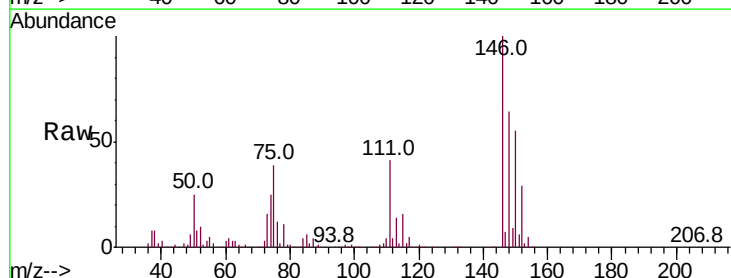
RT: 13.58 min Scan# 1915

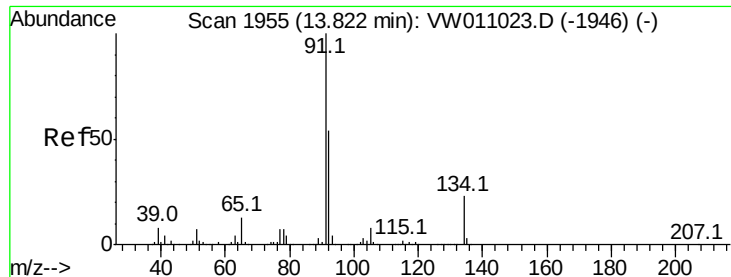
Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.6	61.9
148	65.4	32.4	97.2





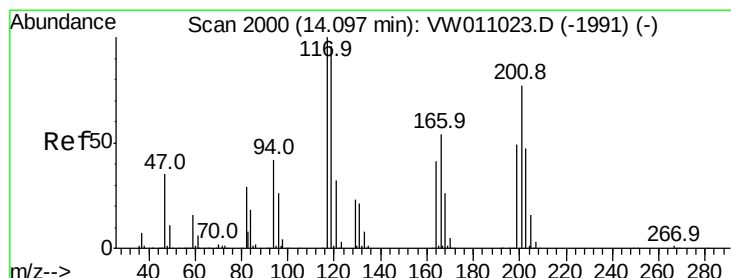
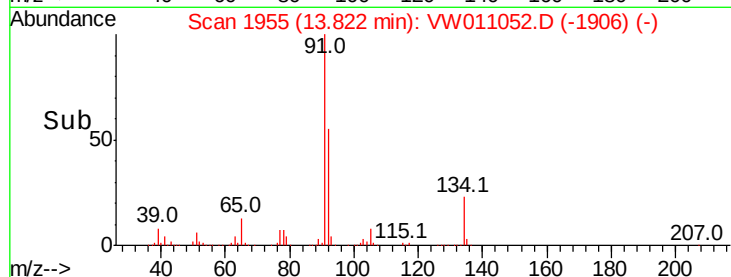
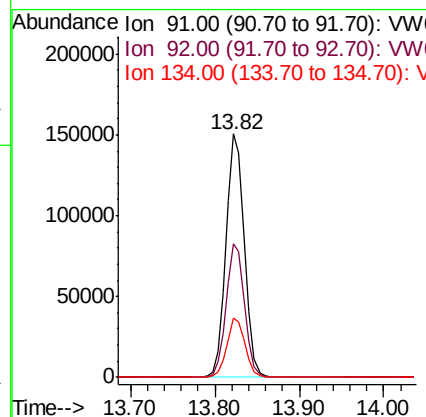
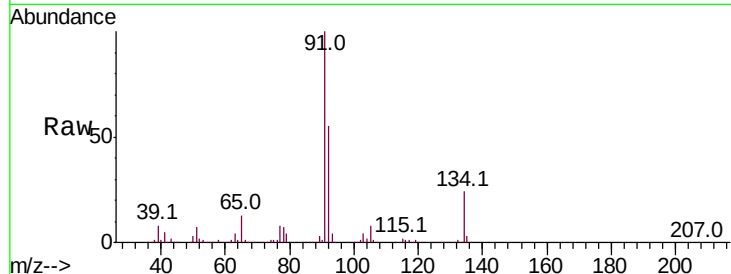
#89
n-Butylbenzene
Concen: 20.370 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	226835		
92	54.7		27.1	81.2
134	24.2		12.0	36.1

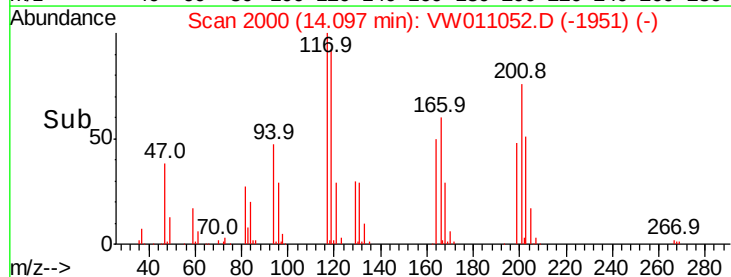
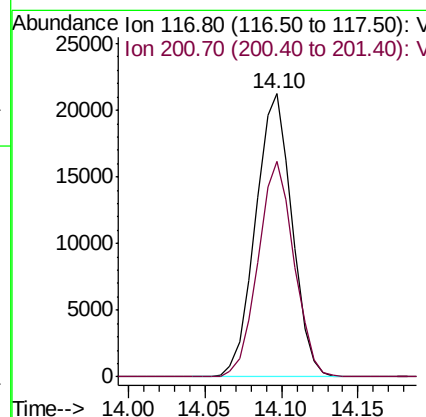
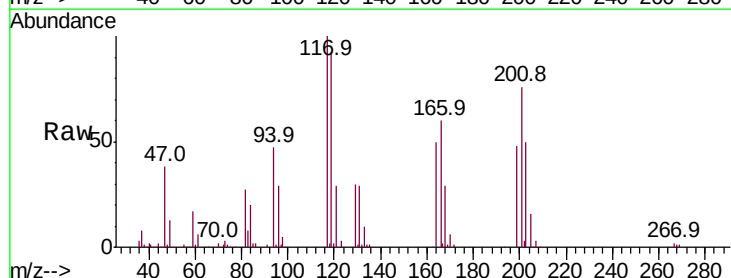
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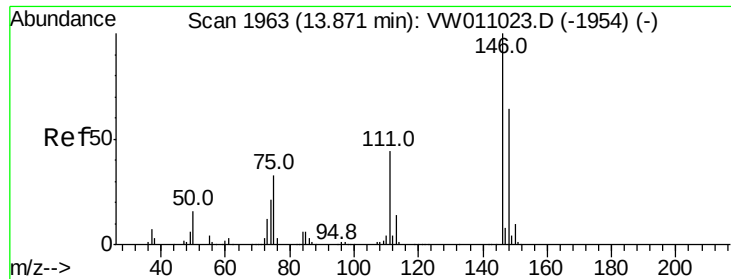
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#90
Hexachloroethane
Concen: 18.759 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35166		
201	75.2		38.0	114.0





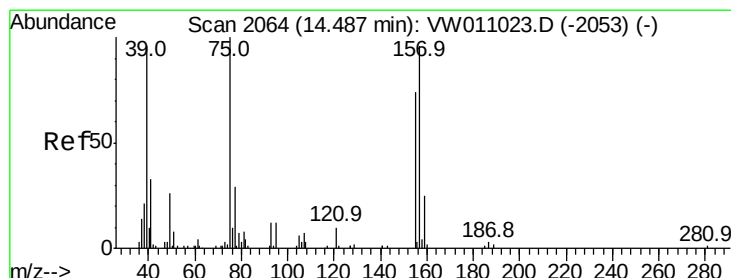
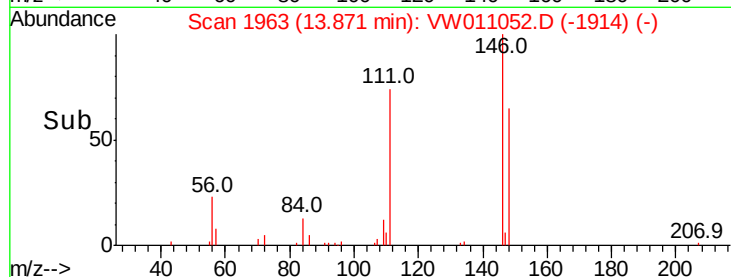
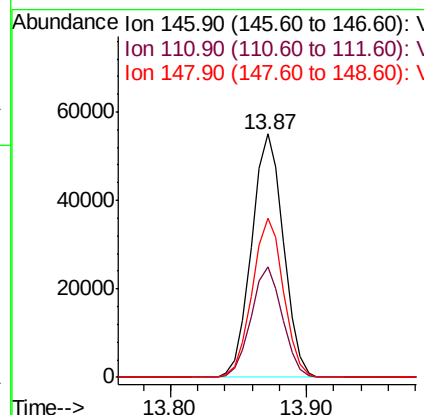
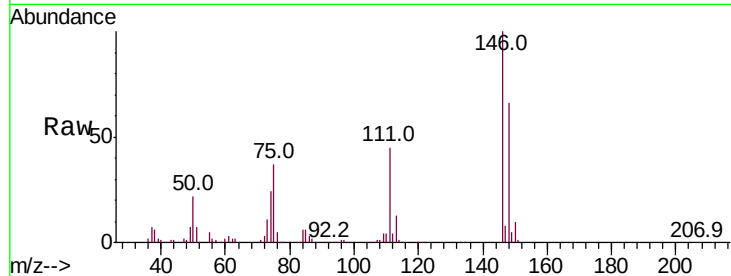
#91
 1,2-Dichlorobenzene
 Concen: 19.540 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.4	64.3
148	64.3	31.8	95.3

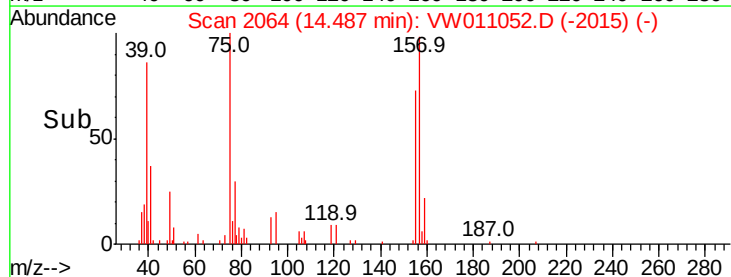
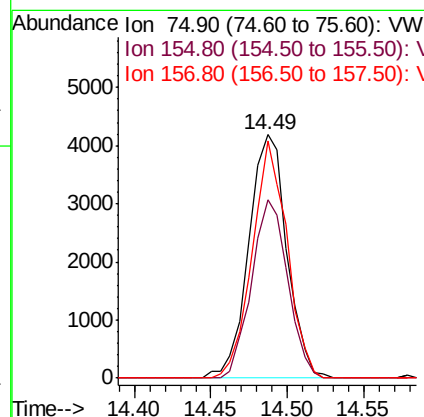
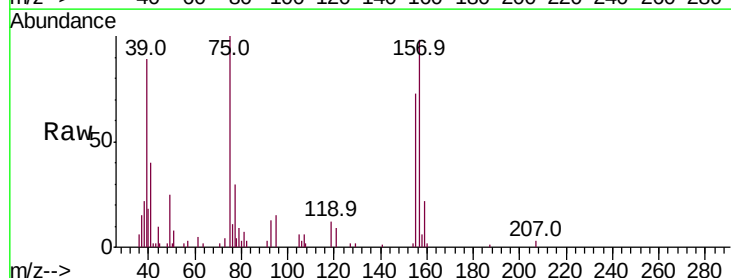
Manual Integrations
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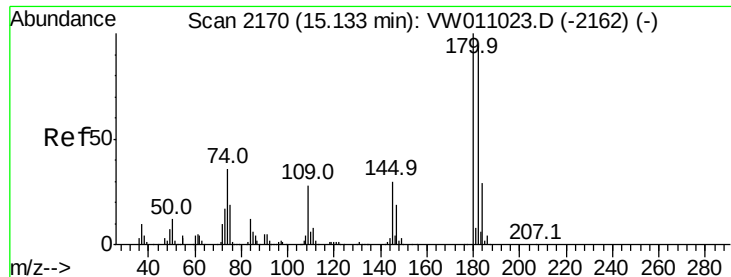
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 7/2/2019 8:26:22 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.330 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	37.0	110.9
157	88.8	45.9	137.7





#93

1,2,4-Trichlorobenzene

Concen: 20.319 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

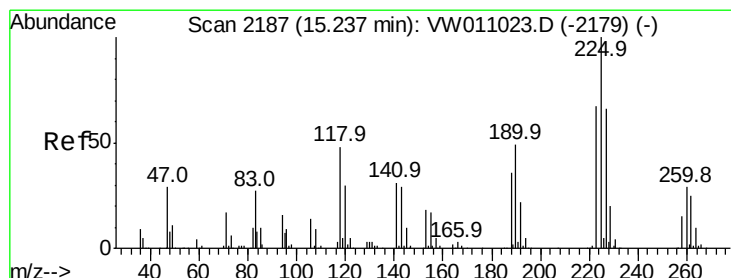
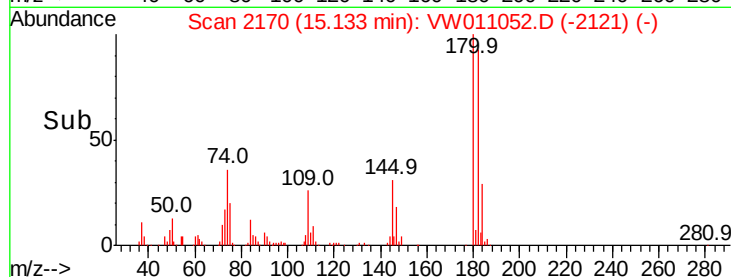
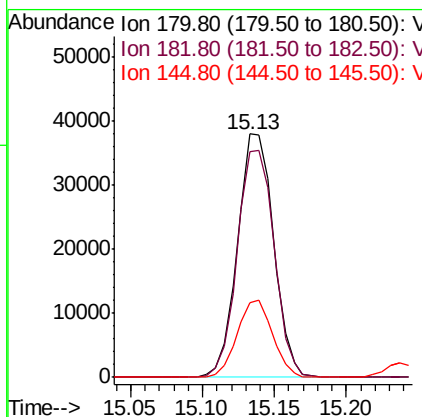
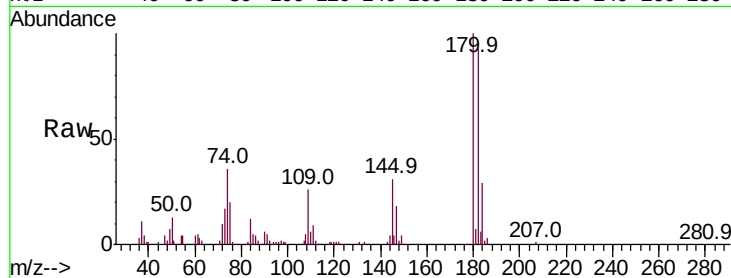
ClientSampleId :

VW0629SBS01

Tot Ion:	180	Resp:	66197
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.4	142.2
145	31.1	15.3	45.8

Manual Integrations
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MMDadoda
7/2/2019 8:26:22 AM



#94

Hexachlorobutadiene

Concen: 20.463 ug/l

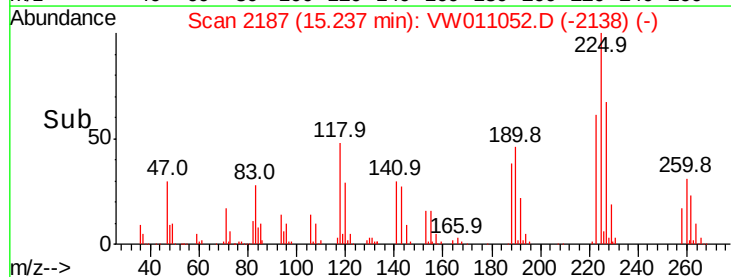
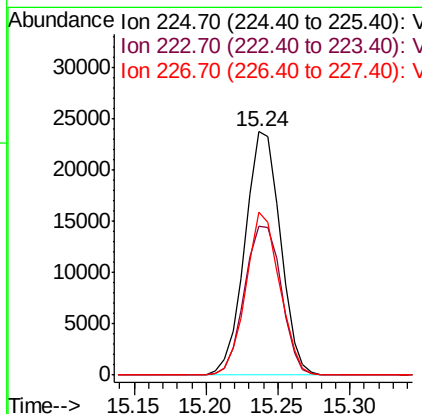
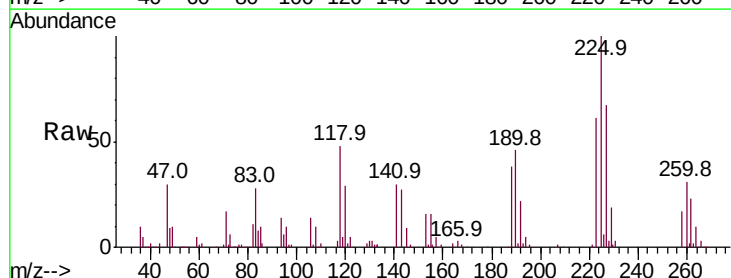
RT: 15.24 min Scan# 2187

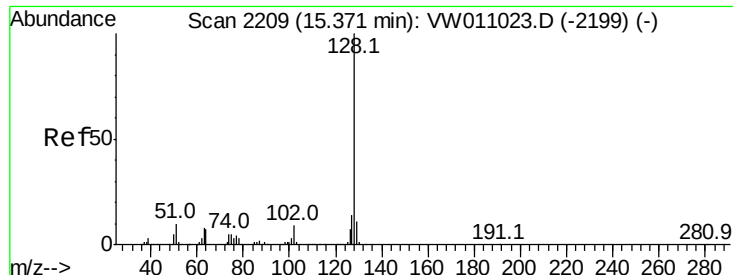
Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion:	225	Resp:	40435
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.9	95.9
227	63.8	31.9	95.9





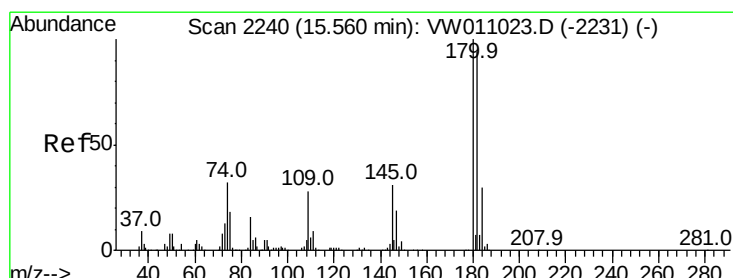
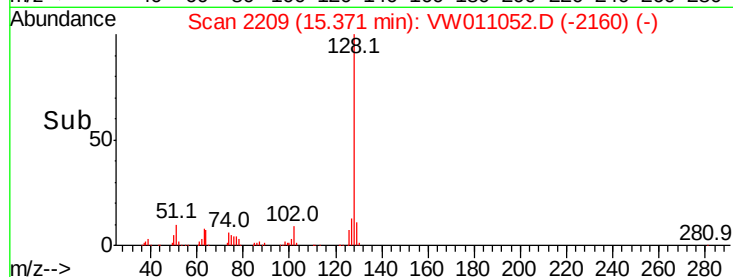
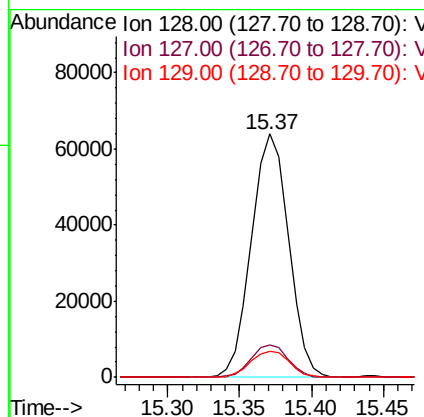
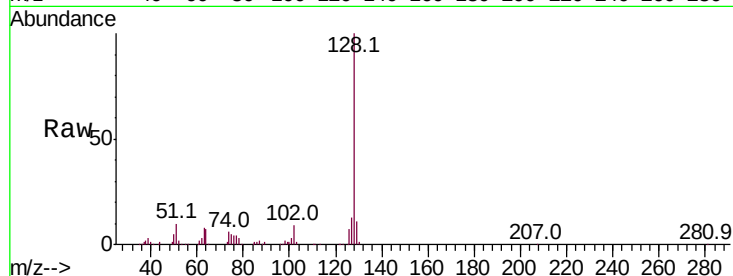
#95
Naphthalene
Concen: 18.732 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion:	128	Resp:	114637
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.7	16.1
129	11.3	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/2/2019 8:26:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.796 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion:	180	Resp:	57589
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.9	143.7
145	31.7	16.1	48.2

