

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052819\
 Data File : VW010563.D
 Acq On : 28 May 2019 13:23
 Operator : SY/VA
 Sample : VW0528SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0528SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 11:05:36 AM

Quant Time: May 29 07:23:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	152067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	247052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	223185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	74738	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	7.88	113	79145	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
50) Toluene-d8	10.32	98	298230	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.62	95	116148	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	20672	15.063	ug/l	100
3) Chloromethane	2.21	50	23587	14.763	ug/l	97
4) Vinyl Chloride	2.35	62	27833	15.039	ug/l	99
5) Bromomethane	2.74	94	19701	15.474	ug/l	97
6) Chloroethane	2.90	64	19579	16.480	ug/l	99
7) Trichlorofluoromethane	3.24	101	51683	18.916	ug/l	94
8) Diethyl Ether	3.68	74	15808	18.252	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	32921	19.565	ug/l	96
10) Methyl Iodide	4.26	142	31096	16.168	ug/l	95
11) Tert butyl alcohol	5.16	59	23749	168.214	ug/l #	77
12) 1,1-Dichloroethene	4.03	96	30921	19.251	ug/l	90
13) Acrolein	3.89	56	8684	91.406	ug/l	98
14) Allyl chloride	4.67	41	42487	18.274	ug/l	100
15) Acrylonitrile	5.37	53	32491	89.574	ug/l	98
16) Acetone	4.12	43	30575	95.431	ug/l	100
17) Carbon Disulfide	4.37	76	79727	16.641	ug/l	100
18) Methyl Acetate	4.67	43	15452	19.720	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	78426	19.153	ug/l	97
20) Methylene Chloride	4.91	84	33207	14.014	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	33925	18.414	ug/l	99
22) Diisopropyl ether	6.31	45	87660	18.388	ug/l	98
23) Vinyl Acetate	6.26	43	260424	91.449	ug/l	100
24) 1,1-Dichloroethane	6.21	63	54347	19.103	ug/l	99
25) 2-Butanone	7.17	43	45903	100.114	ug/l	98
26) 2,2-Dichloropropane	7.16	77	55644	20.533	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	38809	19.375	ug/l	98
28) Bromochloromethane	7.51	49	20605	20.229	ug/l	95
29) Tetrahydrofuran	7.53	42	27676	89.203	ug/l	99
30) Chloroform	7.67	83	59757	19.473	ug/l	96
31) Cyclohexane	7.95	56	52968	17.774	ug/l #	90
32) 1,1,1-Trichloroethane	7.87	97	57044	19.449	ug/l	98
36) 1,1-Dichloropropene	8.08	75	46541	20.223	ug/l	100
37) Ethyl Acetate	7.26	43	19634	20.062	ug/l	99
38) Carbon Tetrachloride	8.07	117	51784	20.858	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	61440	19.926	ug/l	98
40) Benzene	8.32	78	130414	20.388	ug/l	99
41) Methacrylonitrile	7.48	41	10705	18.409	ug/l	98
42) 1,2-Dichloroethane	8.40	62	36996	20.236	ug/l	99
43) Isopropyl Acetate	8.43	43	38030	19.451	ug/l	99
44) Trichloroethene	9.09	130	40170	21.153	ug/l	98
45) 1,2-Dichloropropane	9.37	63	30859	20.313	ug/l	100
46) Dibromomethane	9.46	93	18251	20.542	ug/l	95
47) Bromodichloromethane	9.65	83	45455	20.359	ug/l	96
48) Methyl methacrylate	9.44	41	16972	18.974	ug/l	98
49) 1,4-Dioxane	9.44	88	5524	380.612	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	97201	98.111	ug/l	100
52) Toluene	10.39	92	89674	20.875	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	45325	20.045	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	53163	20.587	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	26517	20.755	ug/l	96
56) Ethyl methacrylate	10.65	69	34358	19.499	ug/l	98
57) 1,3-Dichloropropane	10.93	76	43879	20.503	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	81247	104.102	ug/l	97
59) 2-Hexanone	10.97	43	68514	96.944	ug/l	99
60) Dibromochloromethane	11.13	129	34337	21.236	ug/l	98
61) 1,2-Dibromoethane	11.24	107	26869	20.761	ug/l	98
64) Tetrachloroethene	10.86	164	33308	21.409	ug/l	96
65) Chlorobenzene	11.66	112	99167	20.848	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	36570	21.462	ug/l	99
67) Ethyl Benzene	11.73	91	170240	20.272	ug/l	97
68) m/p-Xylenes	11.84	106	136812	41.534	ug/l	97
69) o-Xylene	12.16	106	63812	20.447	ug/l	100
70) Styrene	12.18	104	109259	20.634	ug/l	99
71) Bromoform	12.35	173	19096	20.351	ug/l #	98
73) Isopropylbenzene	12.47	105	174297	19.766	ug/l	100
74) N-amyl acetate	12.27	43	35688	17.661	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	30035	18.726	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	17054m	15.119	ug/l	
77) Bromobenzene	12.75	156	42553	21.564	ug/l	93
78) n-propylbenzene	12.80	91	198979	19.363	ug/l	99
79) 2-Chlorotoluene	12.90	91	116906	19.617	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	146633	19.634	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9786	18.106	ug/l	97
82) 4-Chlorotoluene	12.99	91	121416	19.628	ug/l	100
83) tert-Butylbenzene	13.21	119	129300	19.820	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	145049	19.500	ug/l	99
85) sec-Butylbenzene	13.38	105	178908	19.597	ug/l	100
86) p-Isopropyltoluene	13.50	119	163789	19.821	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	79730	20.594	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	80259	20.662	ug/l	99
89) n-Butylbenzene	13.83	91	150903	19.199	ug/l	99
90) Hexachloroethane	14.10	117	31293	19.565	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	72496	20.551	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5196	17.422	ug/l	93

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ClientSampleId :
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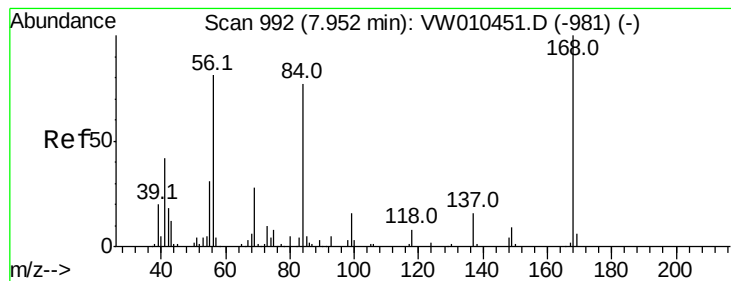
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	49964	20.817	ug/l	99
94) Hexachlorobutadiene	15.24	225	27920	21.775	ug/l	99
95) Naphthalene	15.37	128	95712	18.997	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	43096	20.867	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBSD01

Tot Ion:168 Resp: 152067

Ion Ratio Lower Upper

168 100

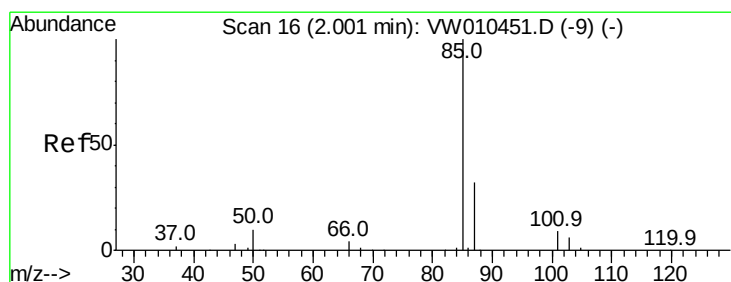
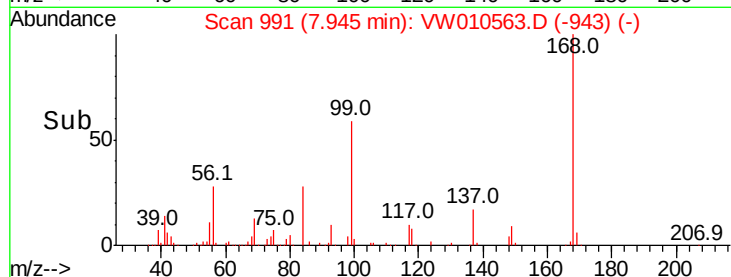
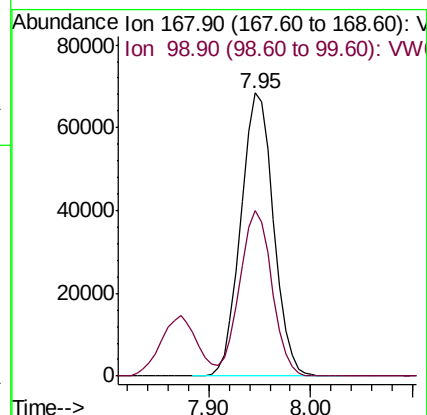
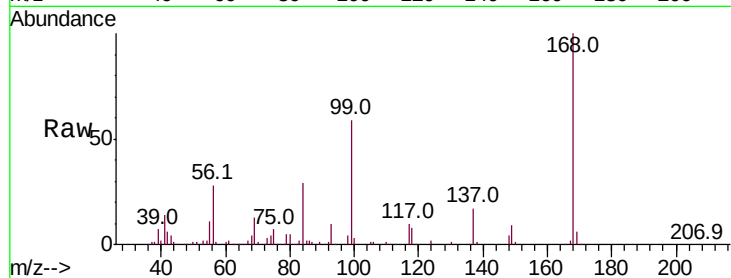
99 58.7 46.1 69.1

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#2

Dichlorodifluoromethane

Concen: 15.063 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010563.D

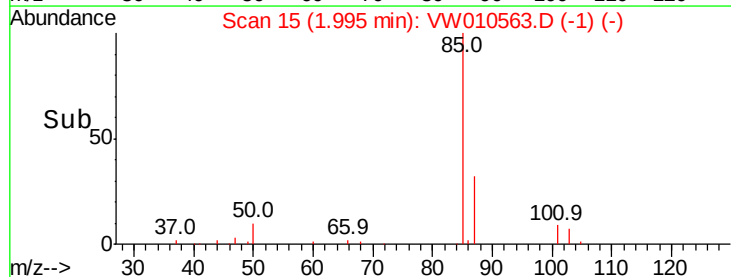
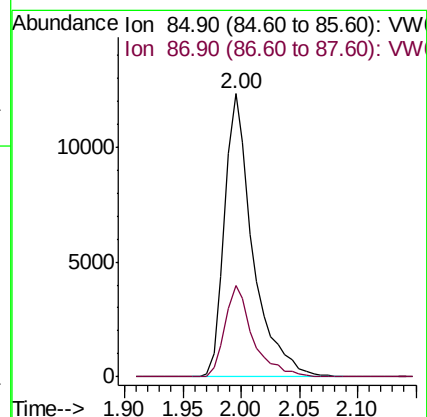
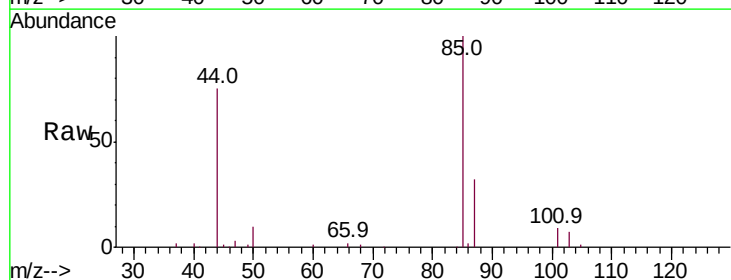
Acq: 28 May 2019 13:23

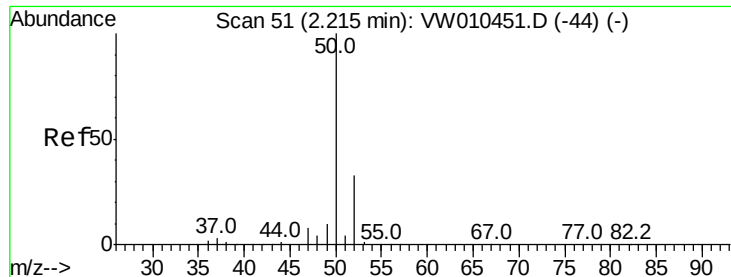
Tgt Ion: 85 Resp: 20672

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8





#3

Chloromethane

Concen: 14.763 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBSD01

Tot Ion: 50 Resp: 23587

Ion Ratio Lower Upper

50 100

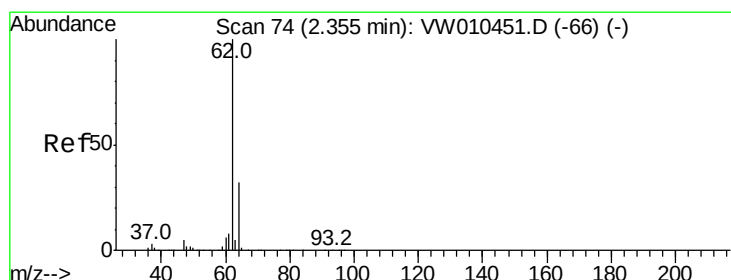
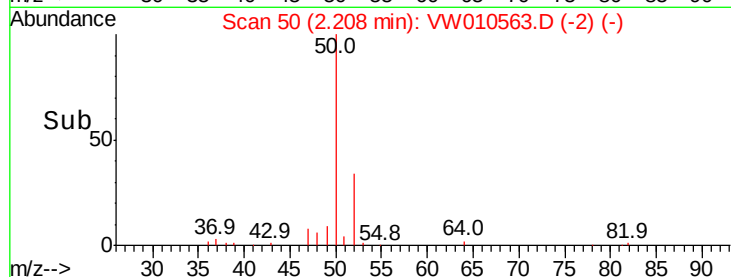
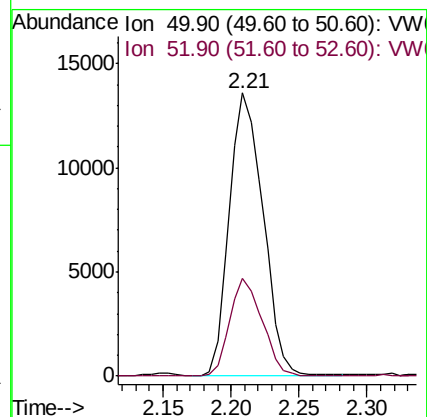
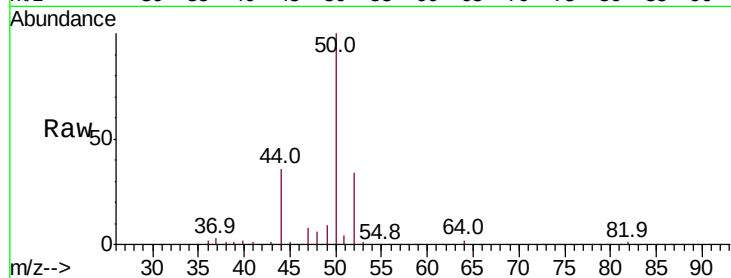
52 34.4 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.039 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010563.D

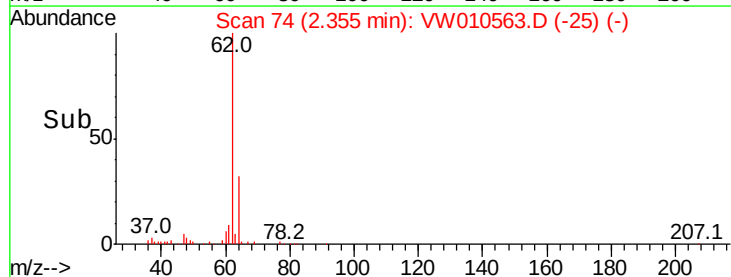
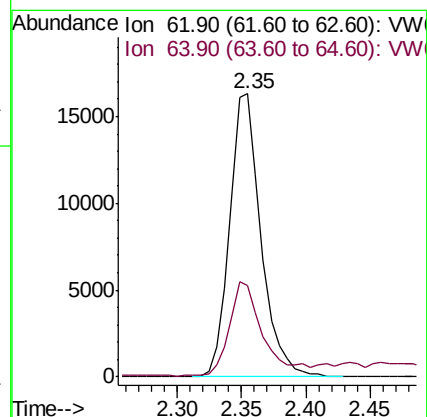
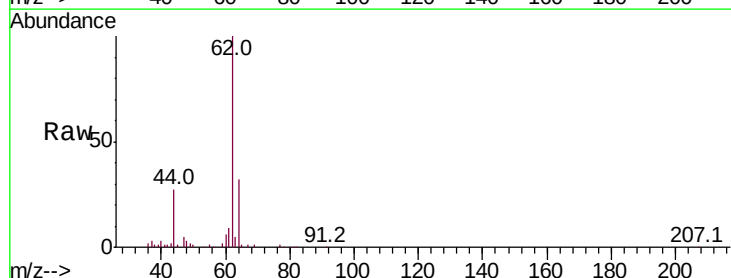
Acq: 28 May 2019 13:23

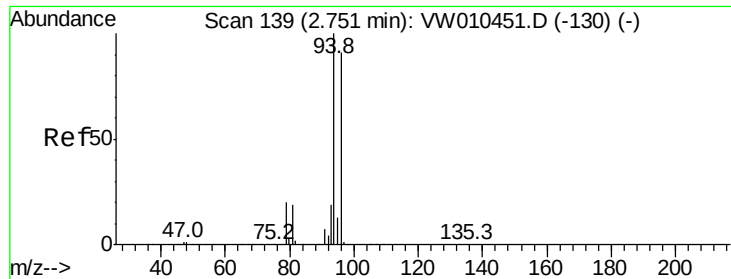
Tgt Ion: 62 Resp: 27833

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 15.474 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.01 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion: 94 Resp: 19701

Ion Ratio Lower Upper

94 100

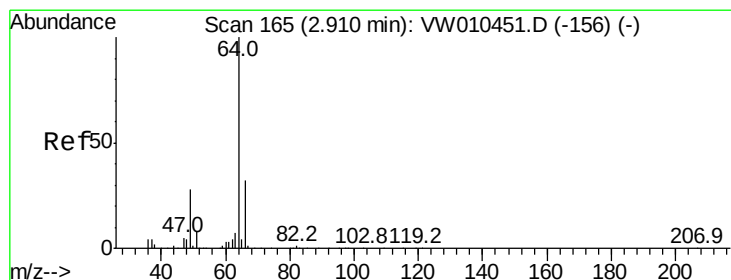
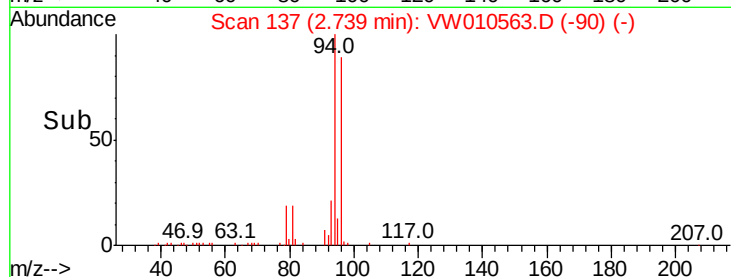
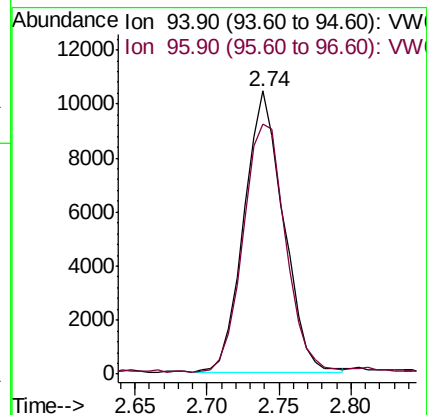
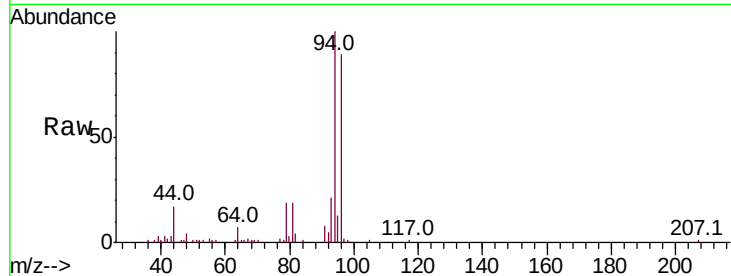
96 88.4 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 16.480 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010563.D

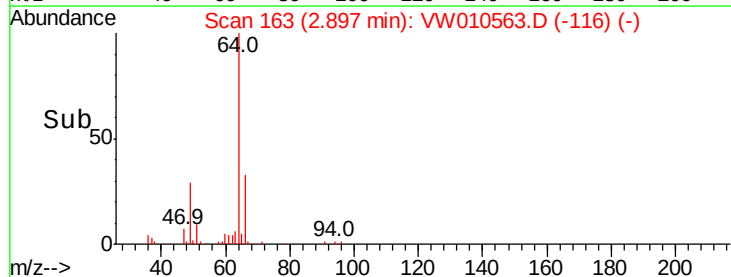
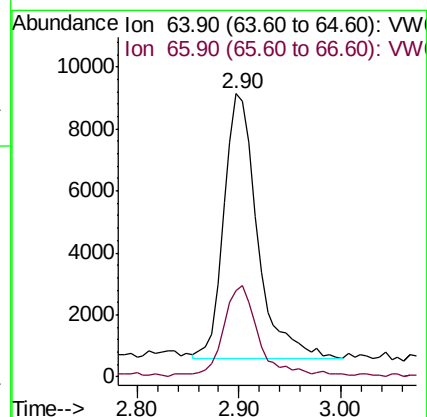
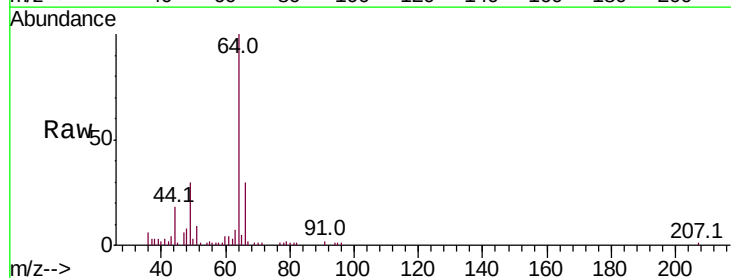
Acq: 28 May 2019 13:23

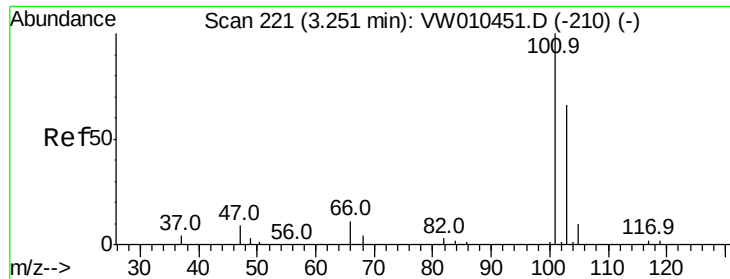
Tgt Ion: 64 Resp: 19579

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3





#7

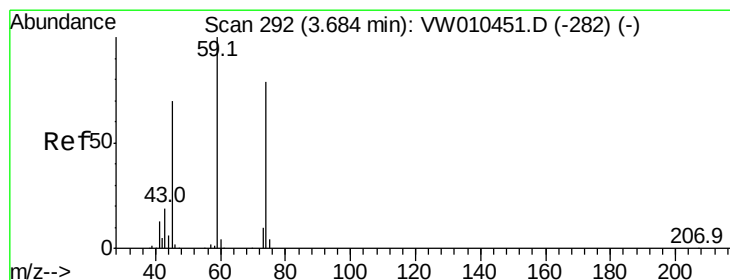
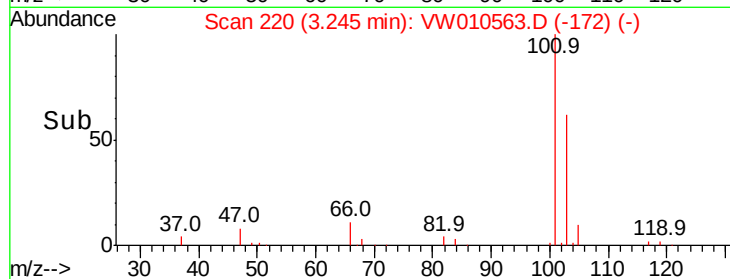
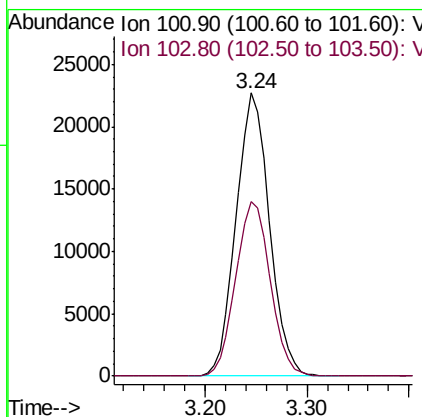
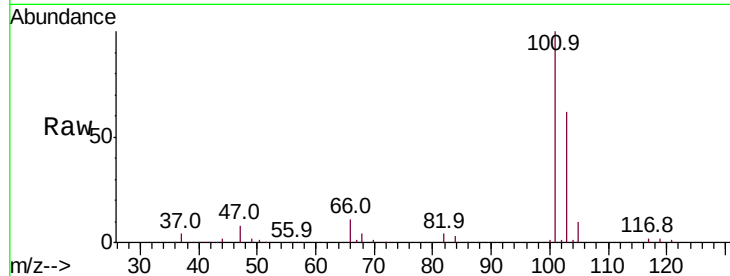
Trichlorofluoromethane
 Concen: 18.916 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Instrument :
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 ClientSampleId :
 VW0528SBSD01

Tot Ion:101 Resp: 51683
 Ion Ratio Lower Upper
 101 100
 103 61.7 53.0 79.4

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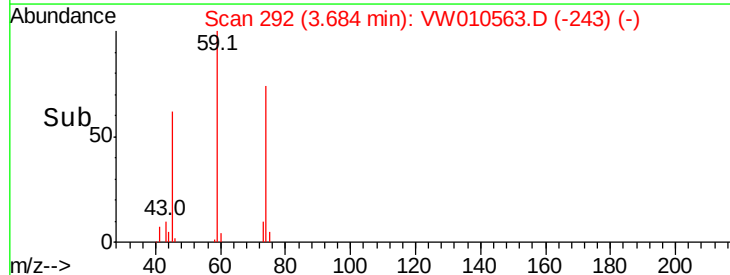
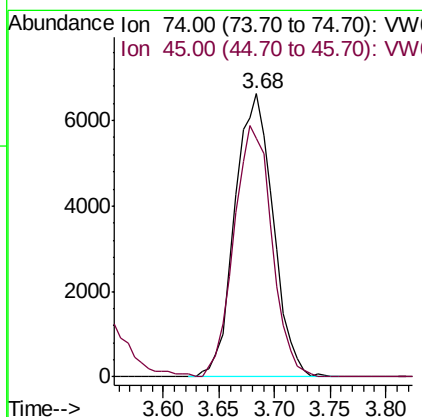
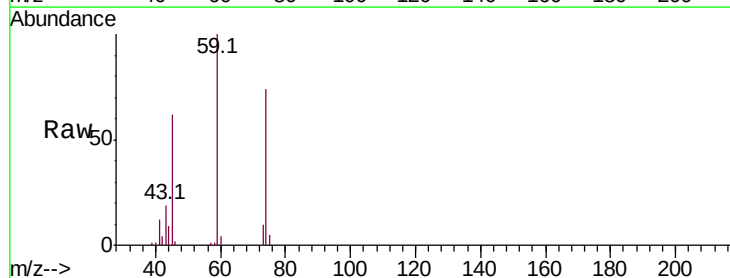
MMDadoda
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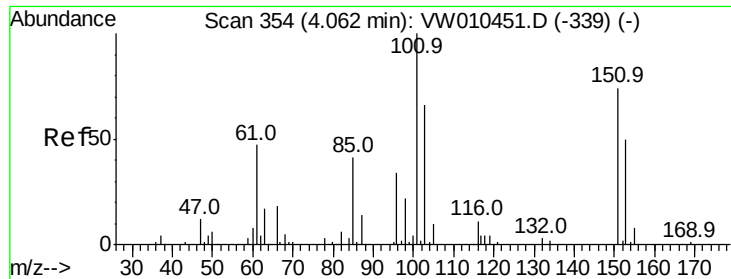


#8

Diethyl Ether
 Concen: 18.252 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Tgt Ion: 74 Resp: 15808
 Ion Ratio Lower Upper
 74 100
 45 87.8 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.565 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

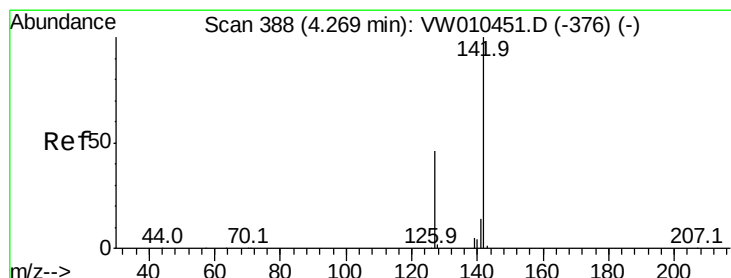
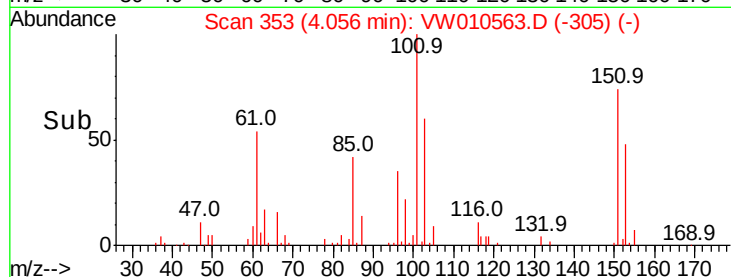
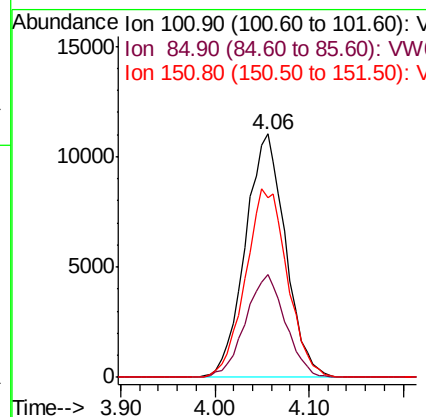
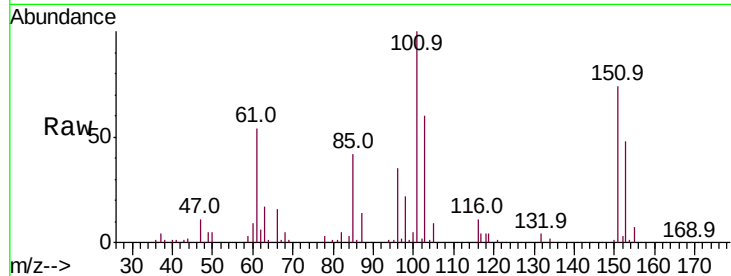
ClientSampleId :

VW0528SBS01

Tot Ion:	101	Resp:	32921
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.3	51.5
151	80.6	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 16.168 ug/l

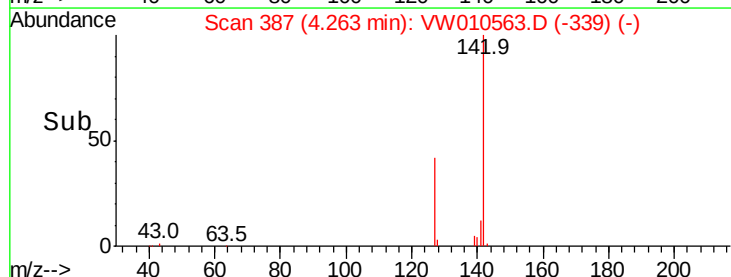
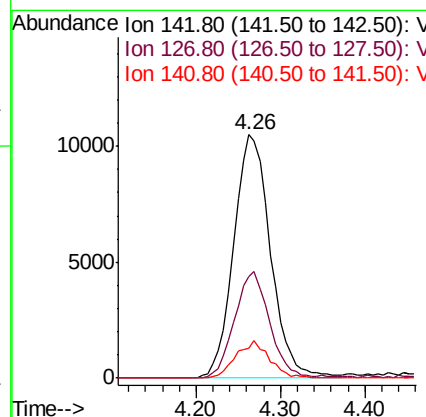
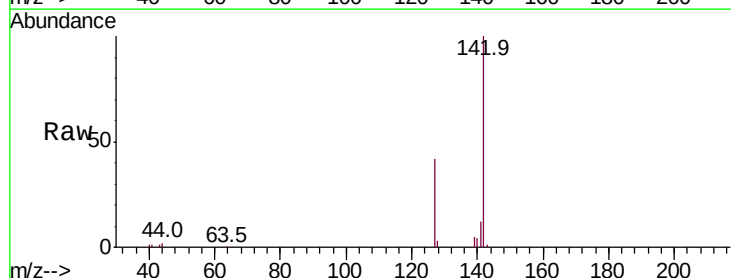
RT: 4.26 min Scan# 387

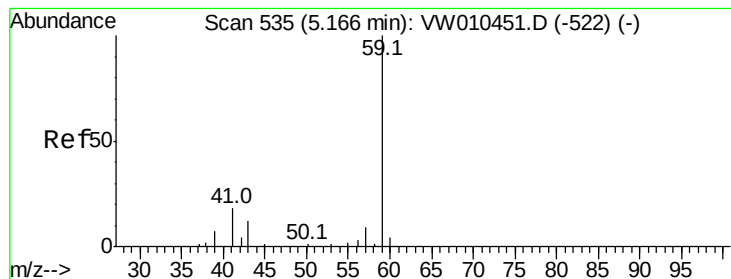
Delta R.T. -0.01 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Tgt Ion:	142	Resp:	31096
Ion Ratio	Lower	Upper	
142	100		
127	41.3	36.1	54.1
141	13.9	11.3	16.9





#11

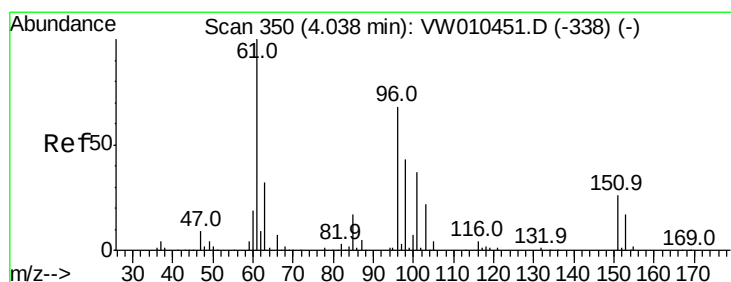
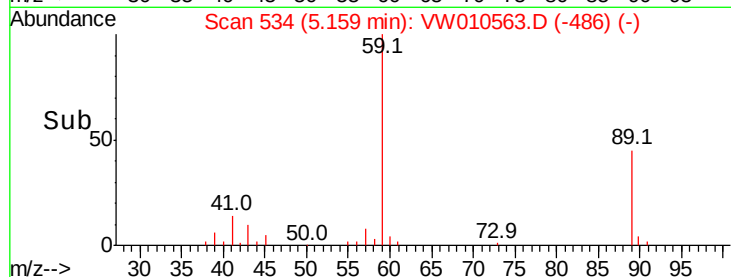
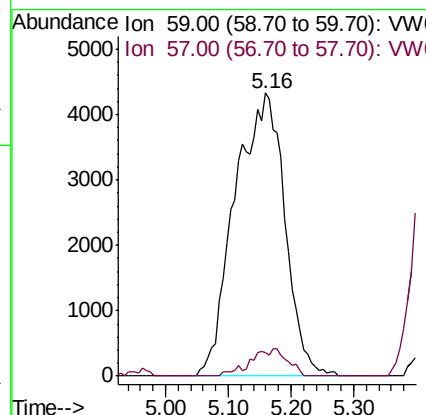
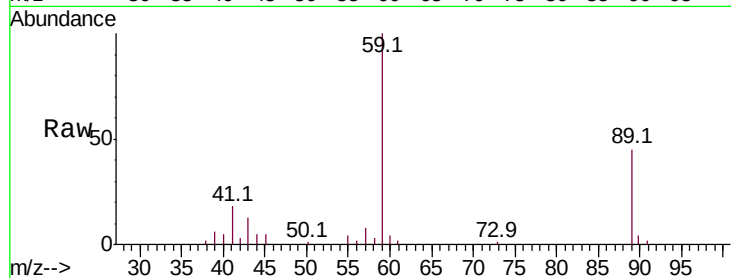
Tert butyl alcohol
 Concen: 168.214 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0528SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	2.2	8.8	13.2#

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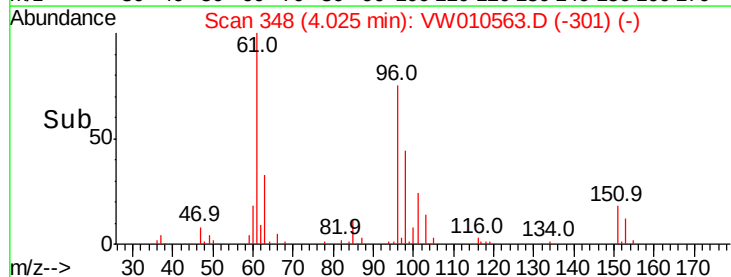
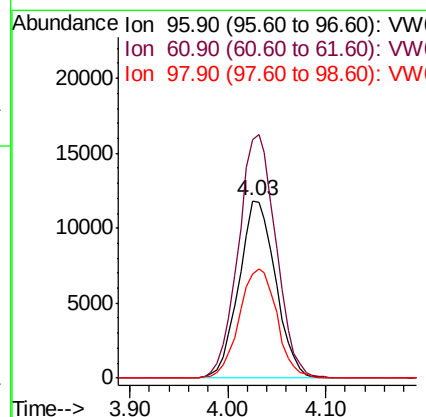
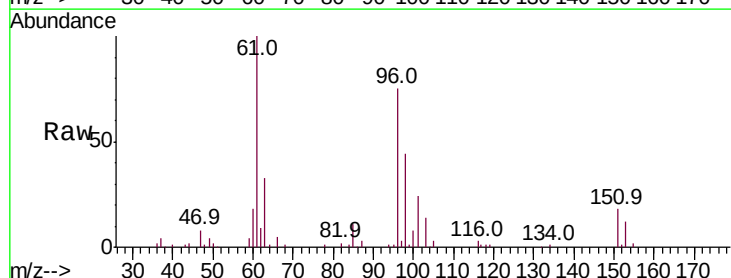
MMDadoda
 5/29/2019 11:05:36 AM

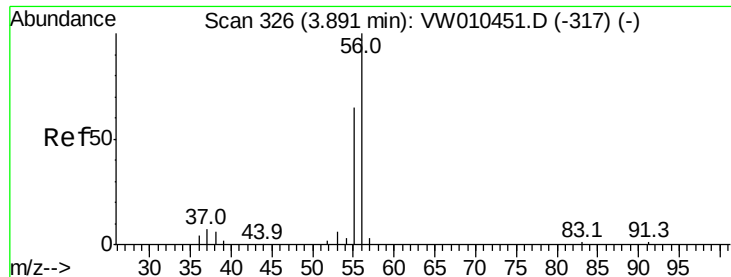


#12

1,1-Dichloroethene
 Concen: 19.251 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.0	118.3	177.5
98	58.5	51.0	76.6





#13

Acrolein

Concen: 91.406 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion: 56 Resp: 8684

Ion Ratio Lower Upper

56 100

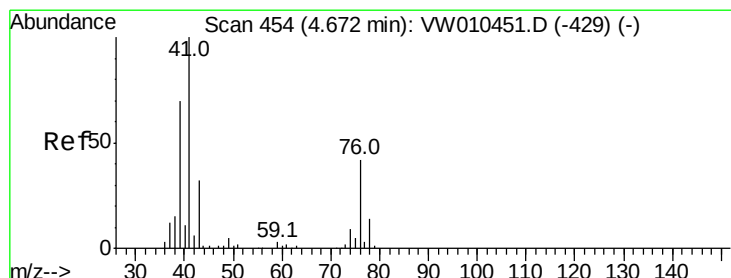
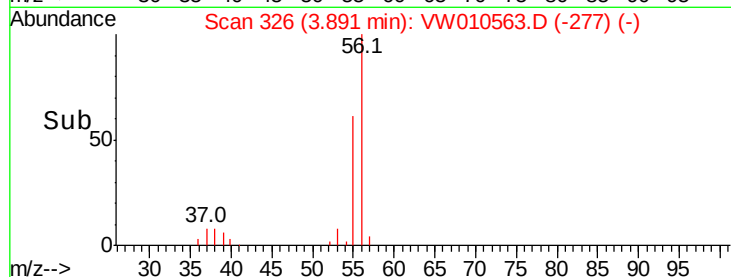
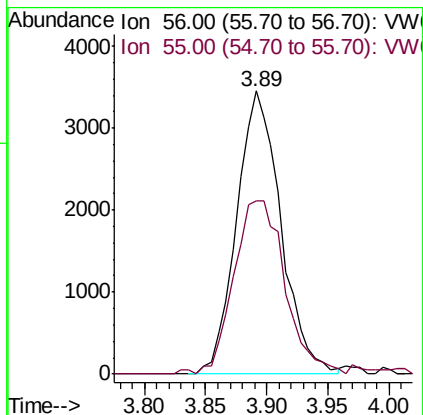
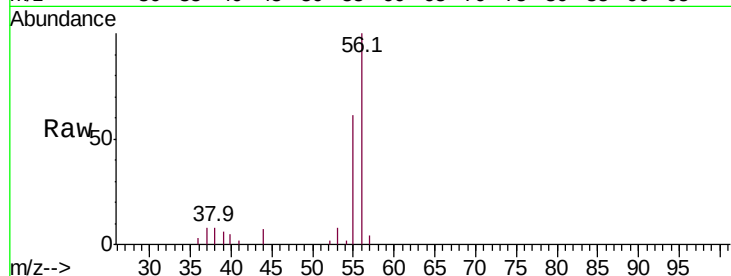
55 70.9 57.9 86.9

Manual Integrations

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#14

Allyl chloride

Concen: 18.274 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

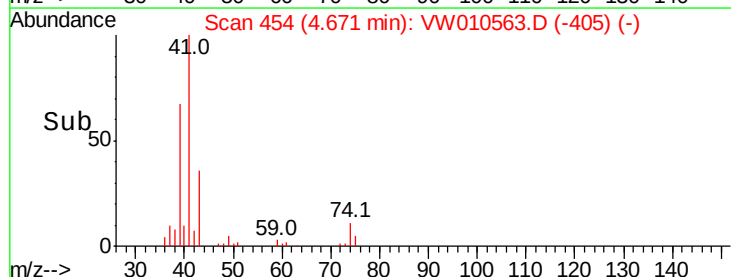
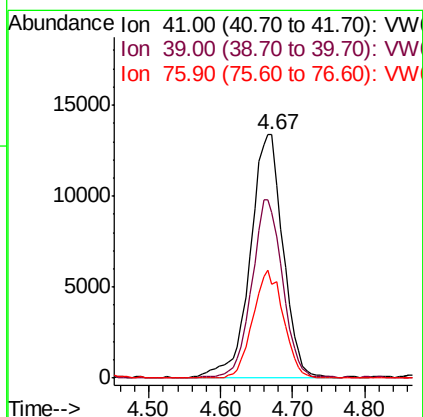
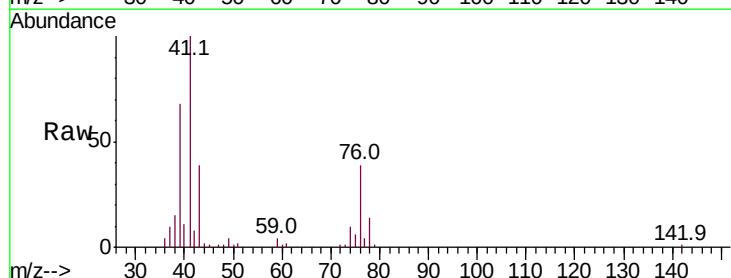
Tgt Ion: 41 Resp: 42487

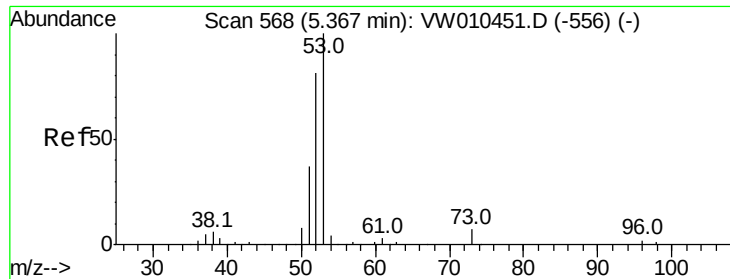
Ion Ratio Lower Upper

41 100

39 69.2 55.0 82.4

76 41.1 32.8 49.2





#15

Acrylonitrile

Concen: 89.574 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

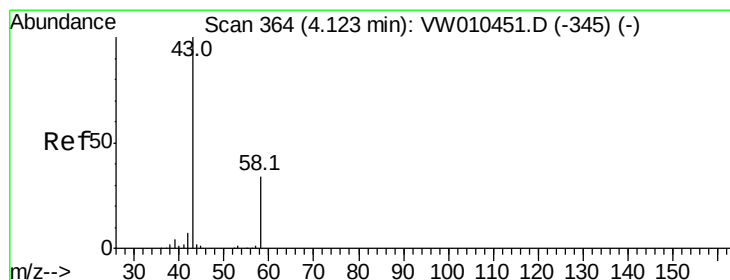
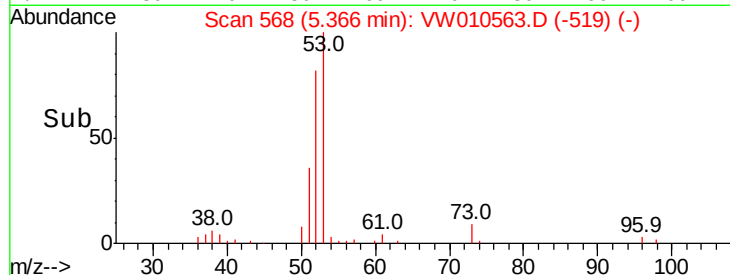
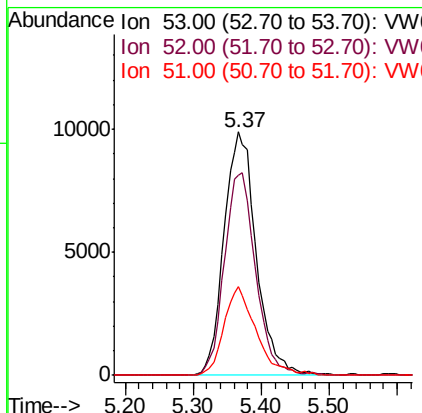
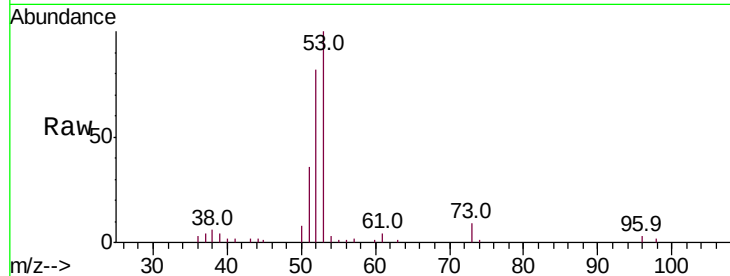
ClientSampleId :

VW0528SBSD01

Tot Ion:	53	Resp:	32491
Ion Ratio	Lower	Upper	
53	100		
52	80.4	65.6	98.4
51	36.2	29.5	44.3

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#16

Acetone

Concen: 95.431 ug/l

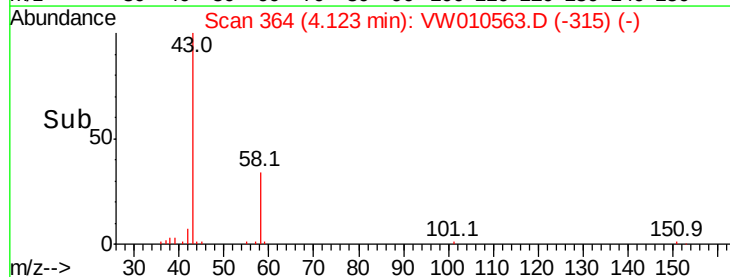
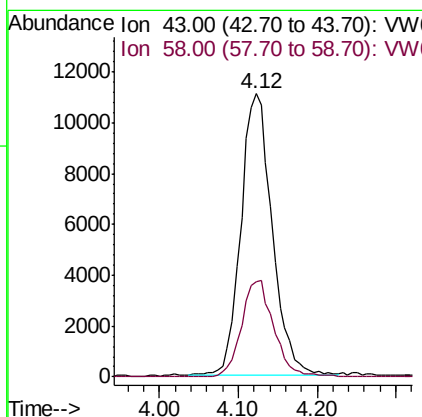
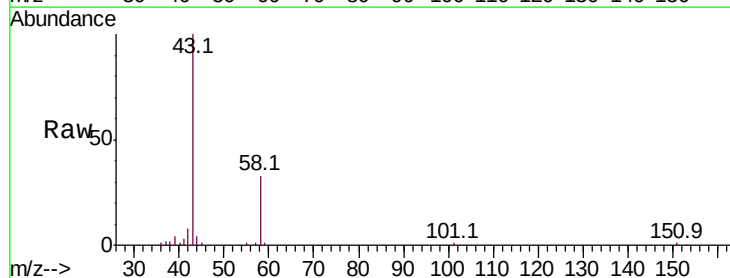
RT: 4.12 min Scan# 364

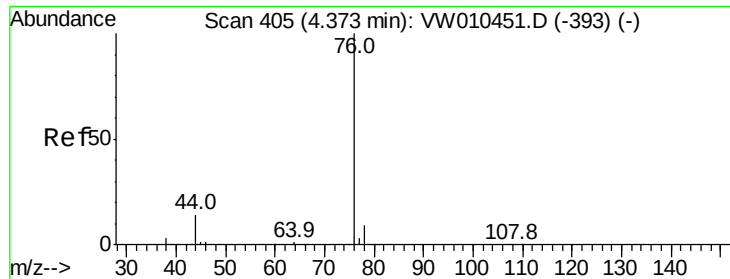
Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Tgt Ion:	43	Resp:	30575
Ion Ratio	Lower	Upper	
43	100		
58	33.6	27.0	40.4





#17

Carbon Disulfide

Concen: 16.641 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBSD01

Tot Ion: 76 Resp: 79727

Ion Ratio Lower Upper

76 100

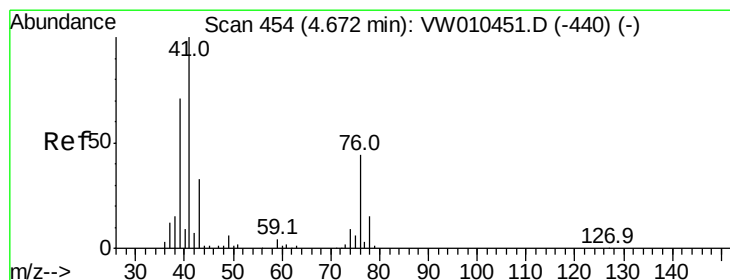
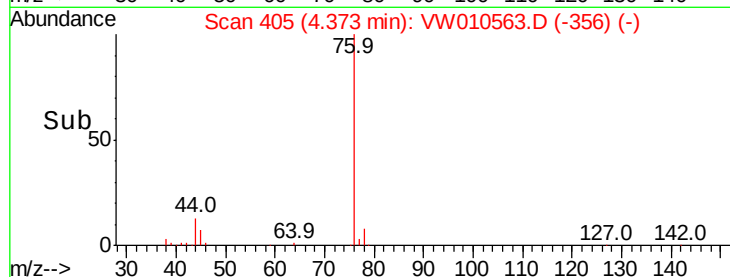
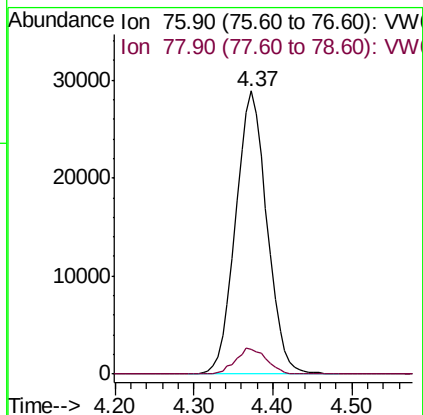
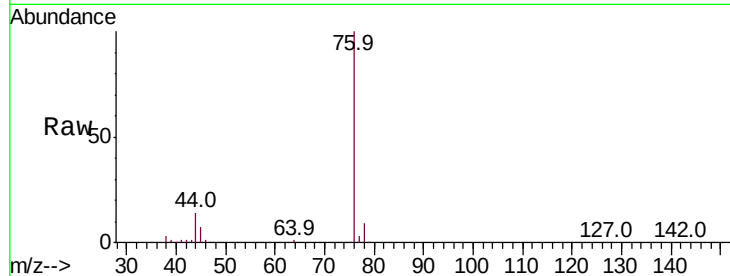
78 8.8 7.1 10.7

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#18

Methyl Acetate

Concen: 19.720 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010563.D

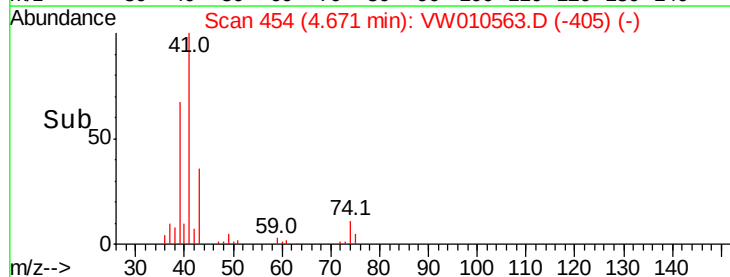
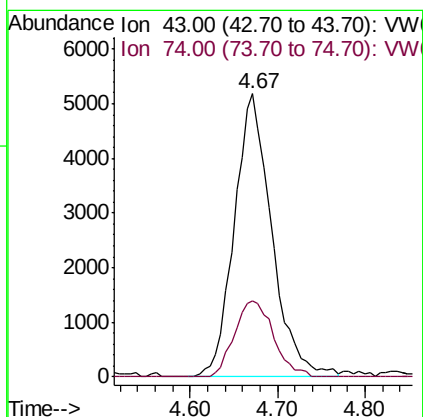
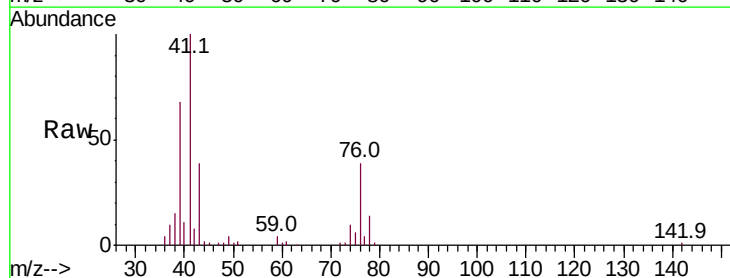
Acq: 28 May 2019 13:23

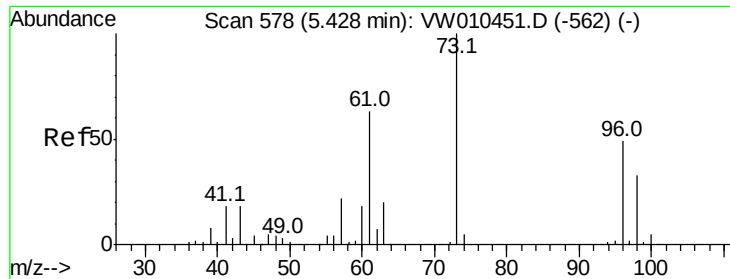
Tgt Ion: 43 Resp: 15452

Ion Ratio Lower Upper

43 100

74 27.9 21.6 32.4





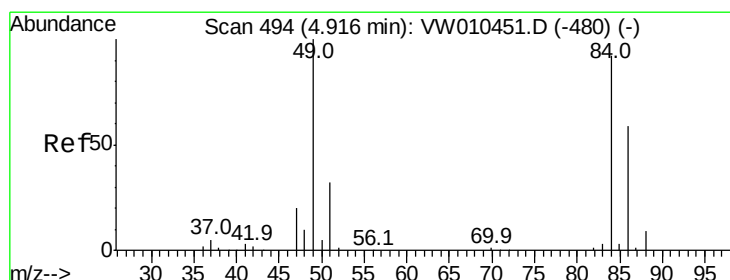
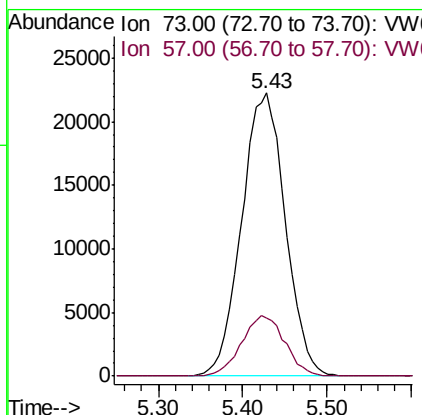
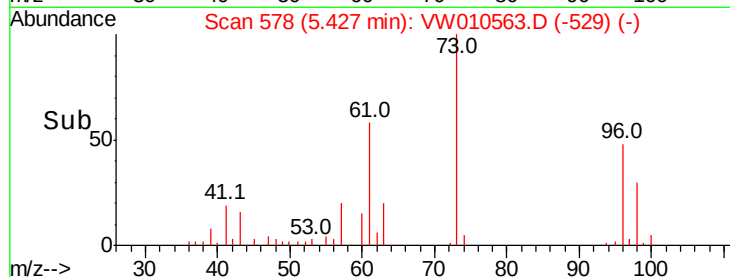
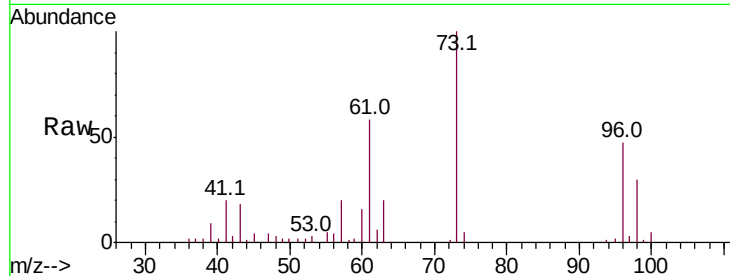
#19
Methyl tert-butyl Ether
Concen: 19.153 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBS01

Tot Ion: 73 Resp: 78426
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.0

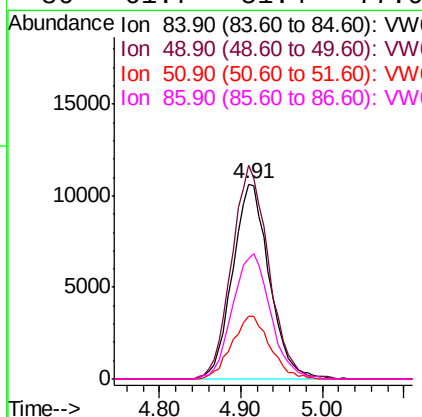
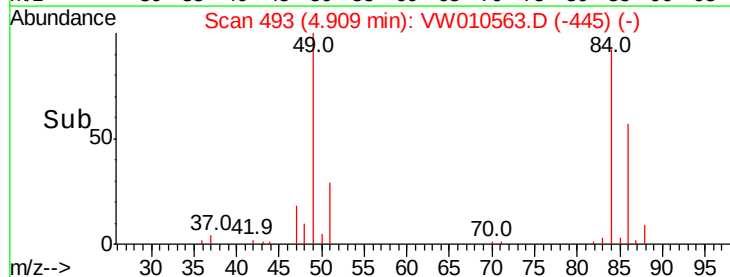
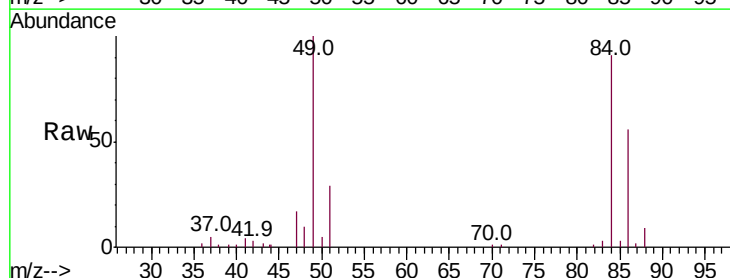
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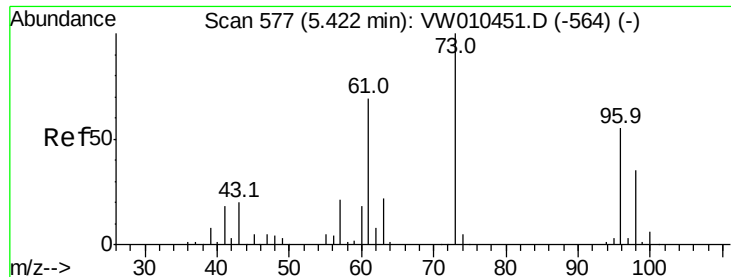
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#20
Methylene Chloride
Concen: 14.014 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion: 84 Resp: 33207
Ion Ratio Lower Upper
84 100
49 109.7 87.2 130.8
51 32.1 27.7 41.5
86 61.7 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.414 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion: 96 Resp: 33925

Ion Ratio Lower Upper

96 100

61 127.2 101.4 152.0

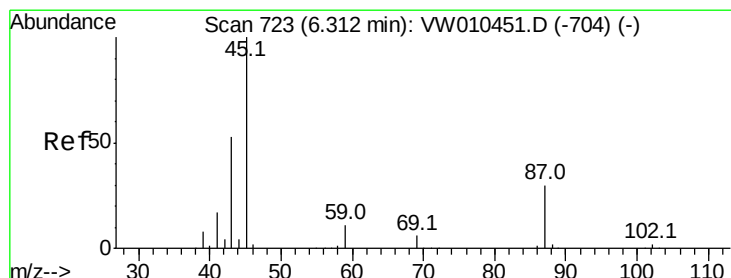
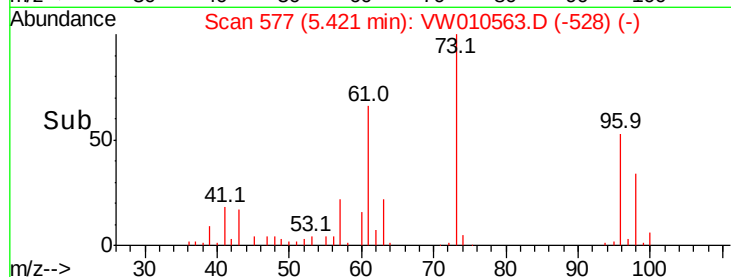
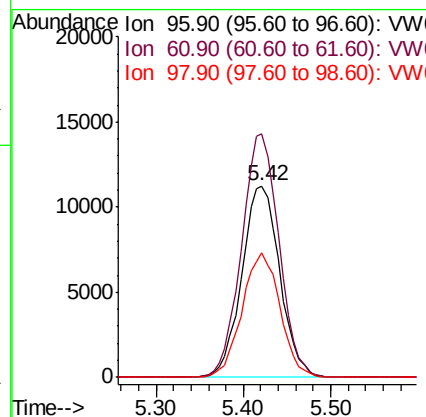
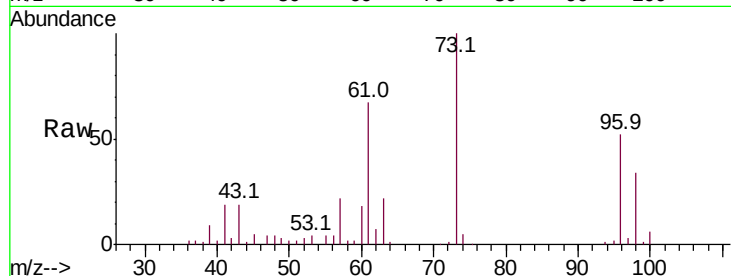
98 65.0 50.6 76.0

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#22

Diisopropyl ether

Concen: 18.388 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Tgt Ion: 45 Resp: 87660

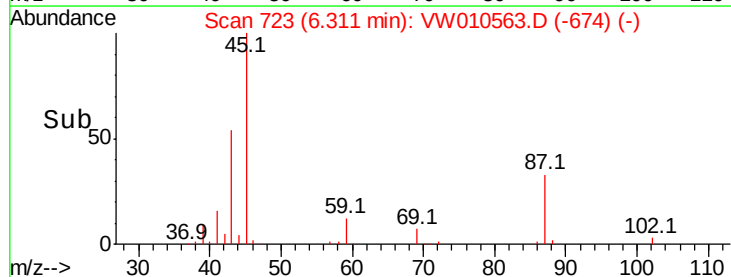
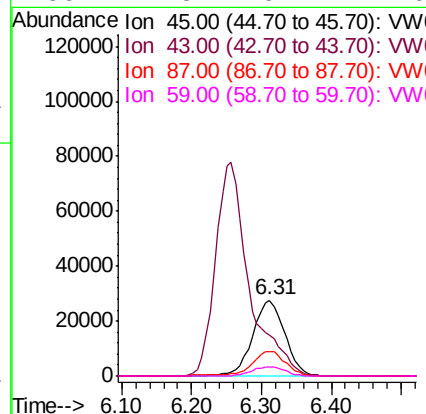
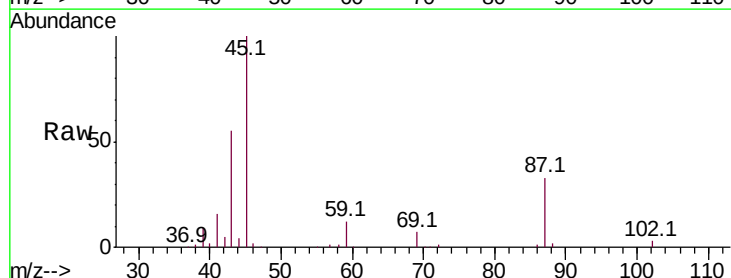
Ion Ratio Lower Upper

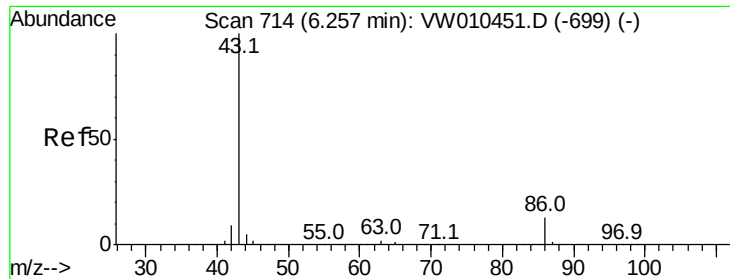
45 100

43 53.8 42.9 64.3

87 32.8 24.6 36.8

59 12.3 9.4 14.0





#23

Vinyl Acetate

Concen: 91.449 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion: 43 Resp: 260424

Ion Ratio Lower Upper

43 100

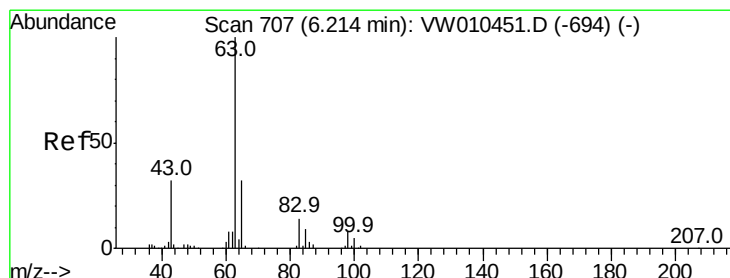
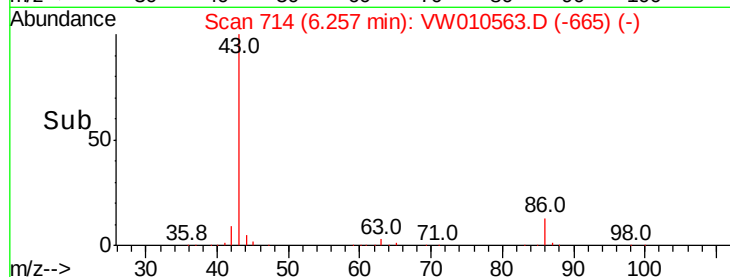
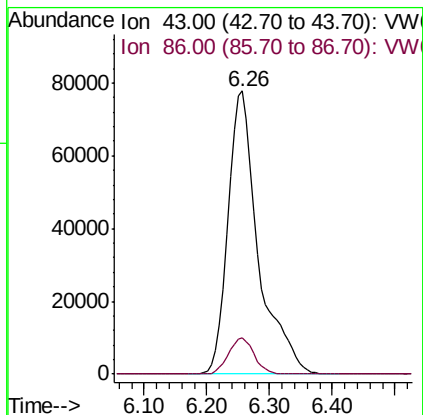
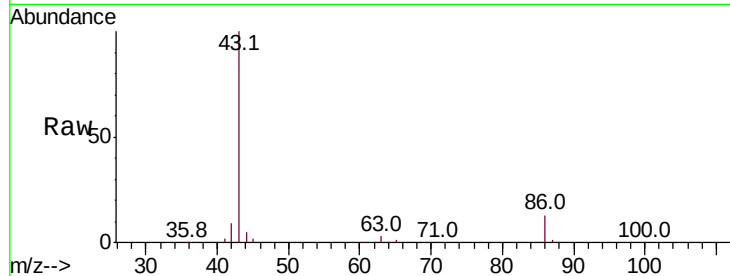
86 12.7 10.3 15.5

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#24

1,1-Dichloroethane

Concen: 19.103 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

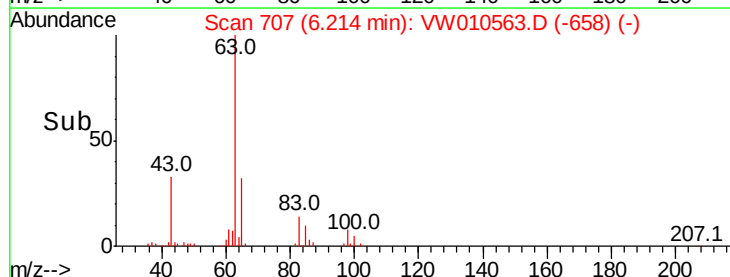
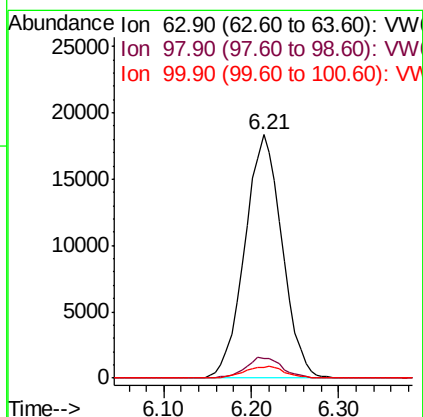
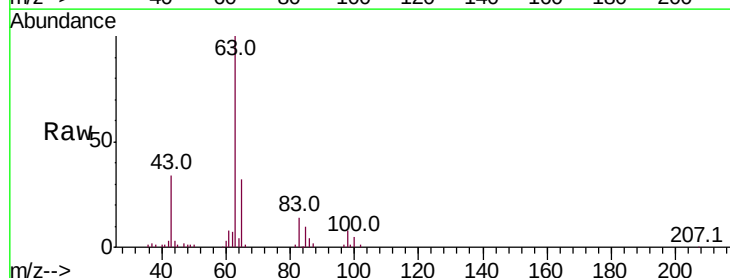
Tgt Ion: 63 Resp: 54347

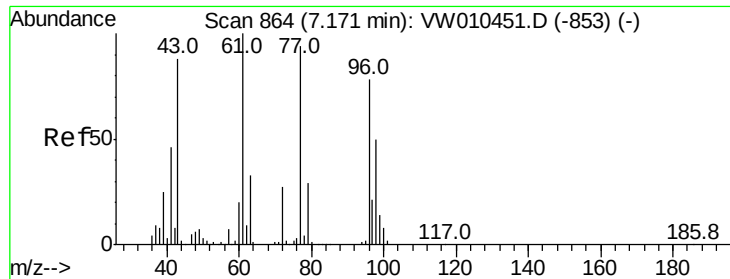
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 100.114 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampled :

VW0528SBSD01

Tot Ion: 43 Resp: 45903

Ion Ratio Lower Upper

43 100

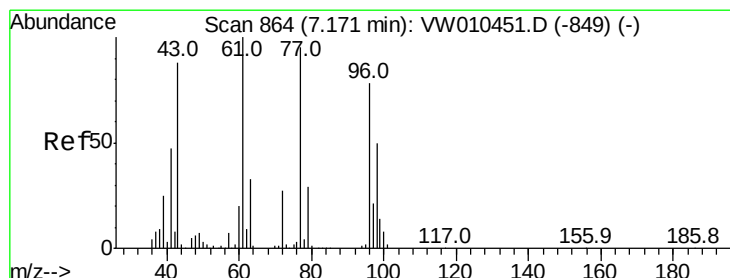
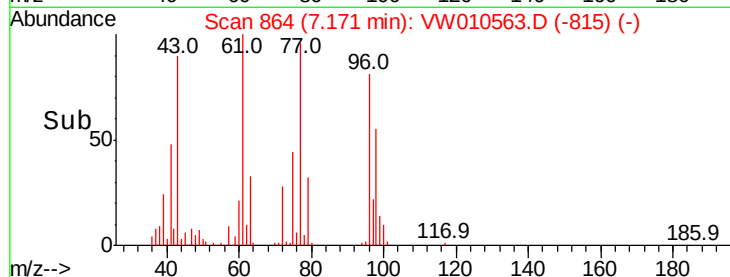
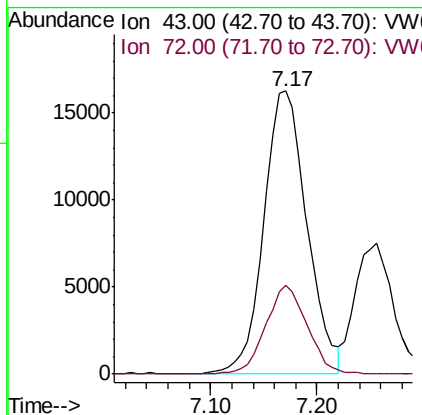
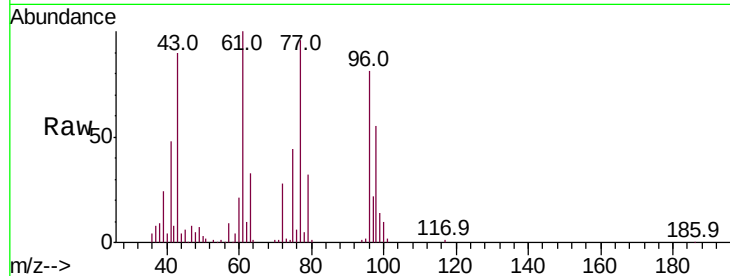
72 31.3 24.1 36.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.533 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010563.D

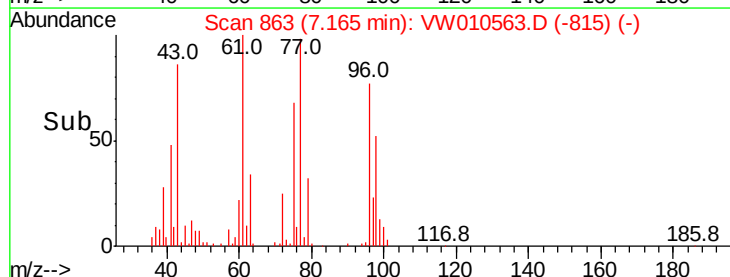
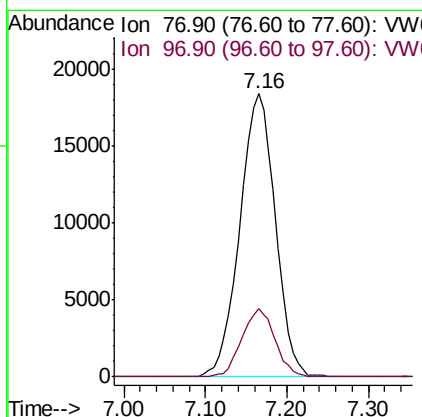
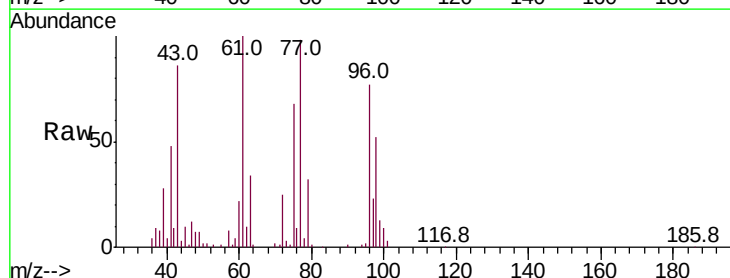
Acq: 28 May 2019 13:23

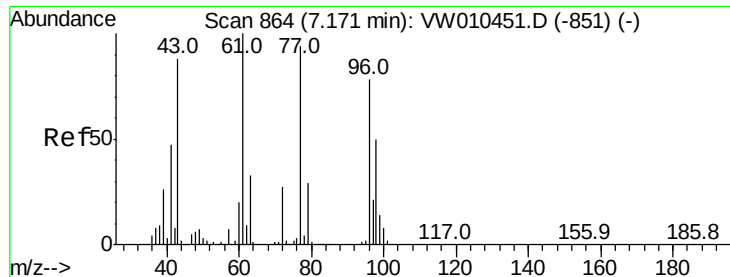
Tgt Ion: 77 Resp: 55644

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.0





#27

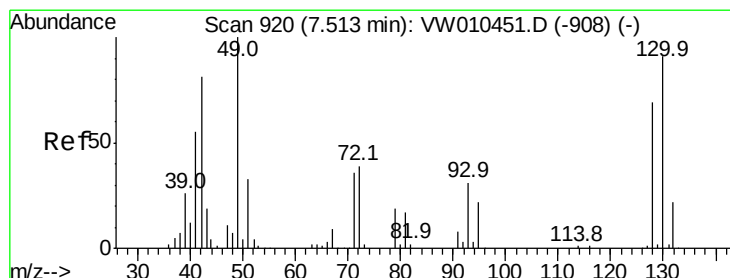
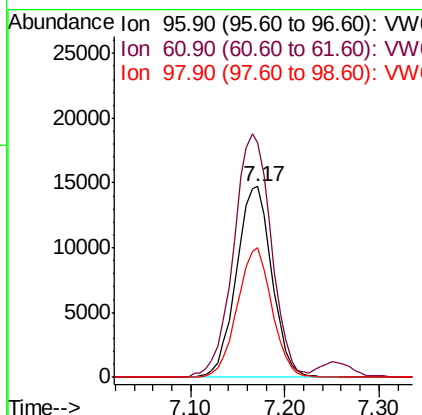
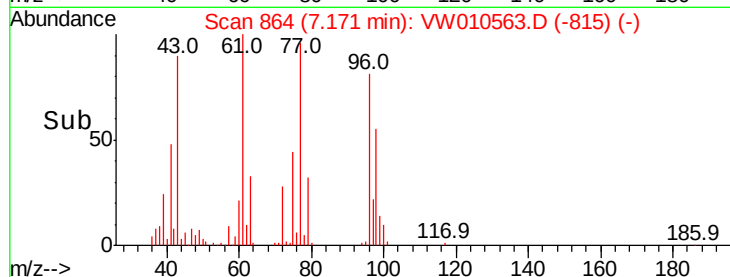
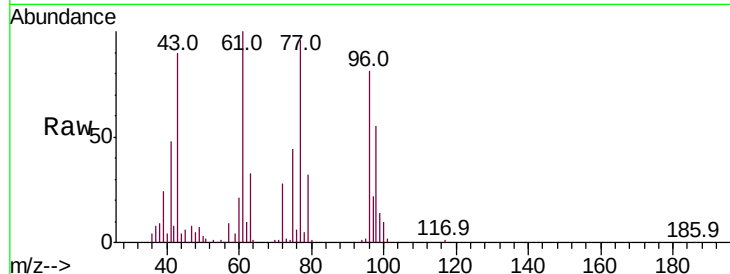
cis-1,2-Dichloroethene
Concen: 19.375 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	265.4
98	66.0	0.0	129.4

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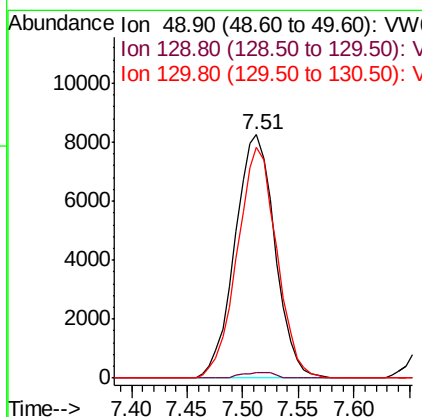
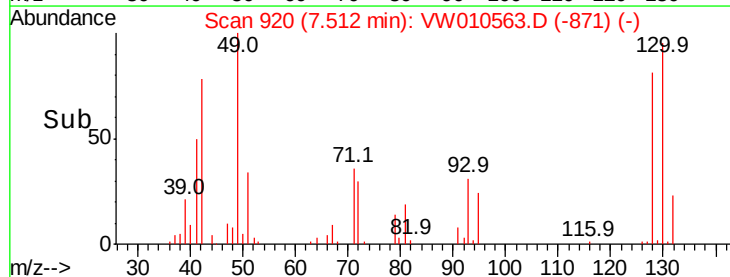
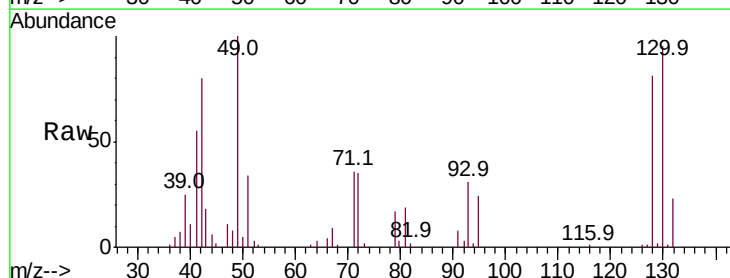
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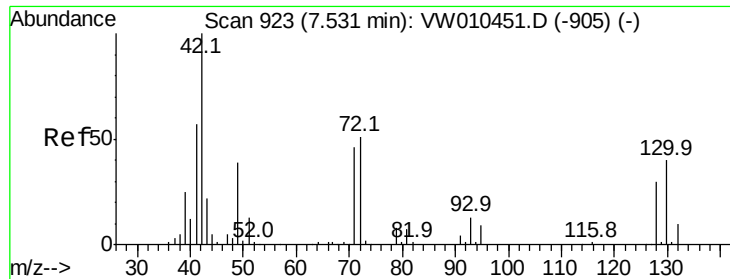


#28

Bromochloromethane
Concen: 20.229 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.8
130	93.4	71.2	106.8





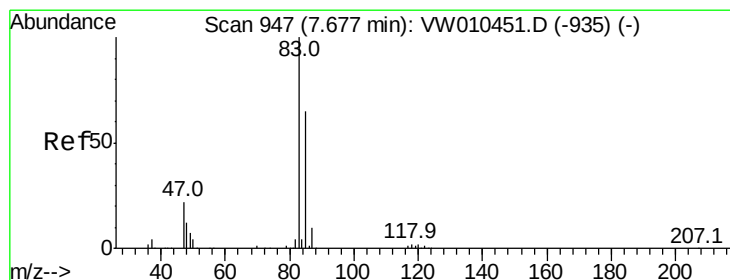
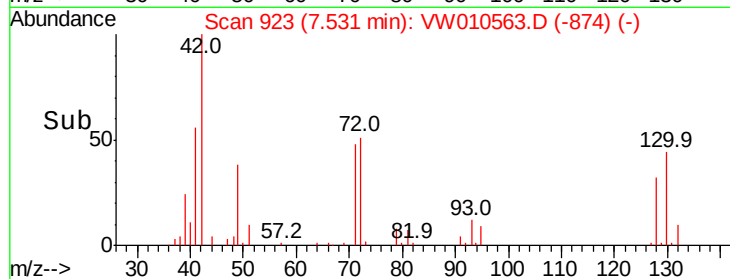
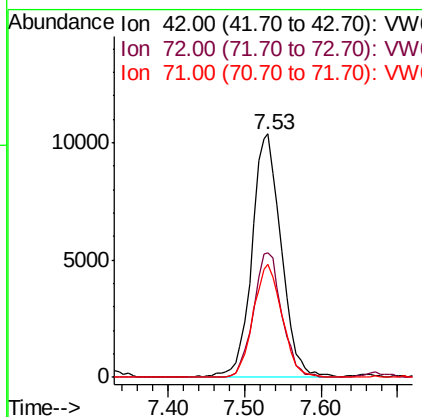
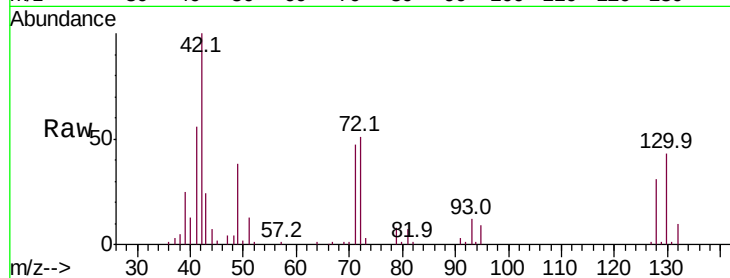
#29
Tetrahydrofuran
Concen: 89.203 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.6	38.5	57.7
71	45.5	36.5	54.7

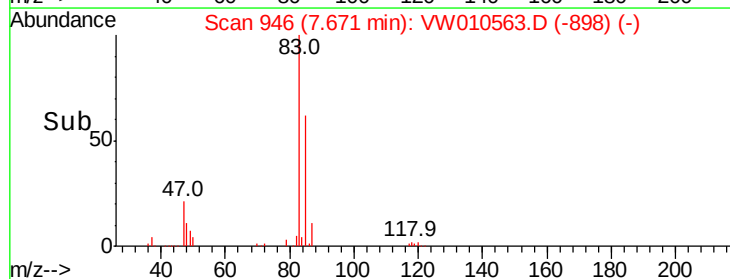
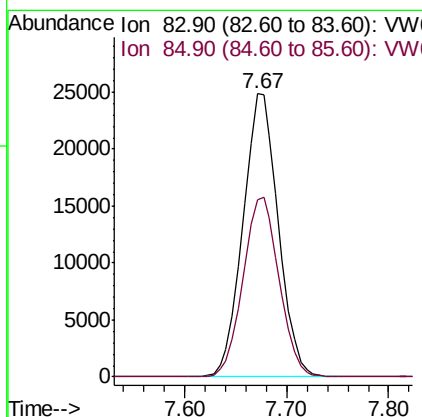
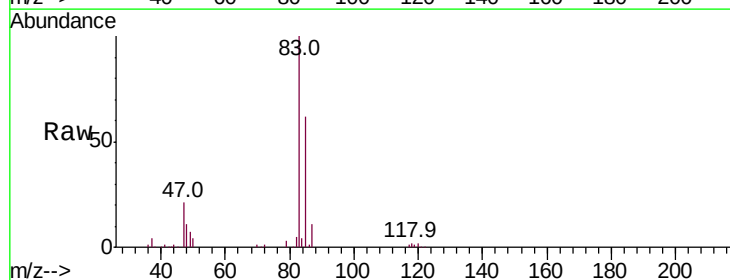
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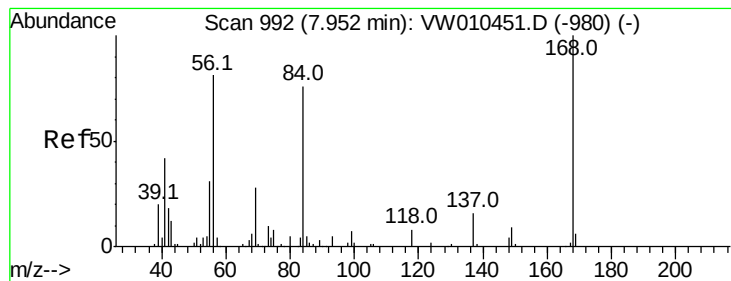
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#30
Chloroform
Concen: 19.473 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.2	78.4





#31

Cyclohexane

Concen: 17.774 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion: 56 Resp: 52968

Ion Ratio Lower Upper

56 100

69 44.4 28.2 42.2#

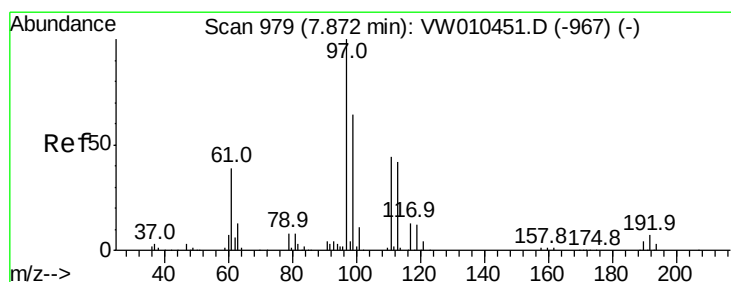
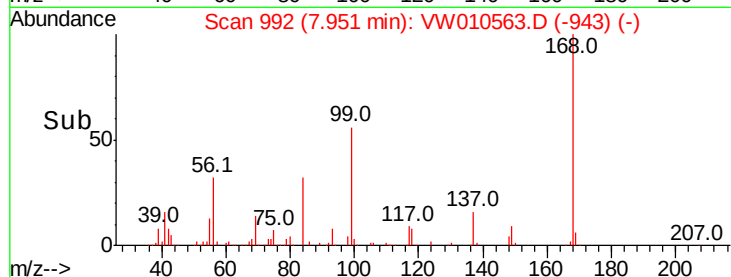
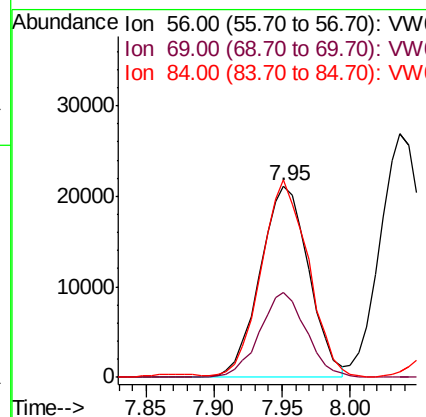
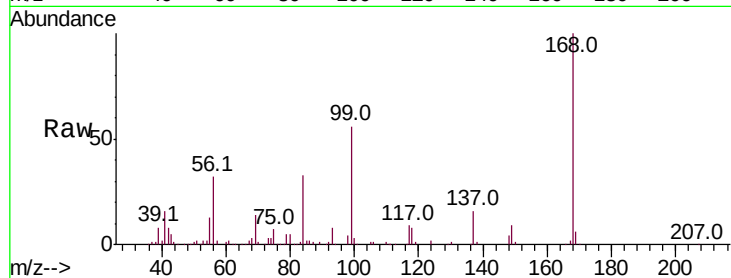
84 102.0 75.8 113.8

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#32

1,1,1-Trichloroethane

Concen: 19.449 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

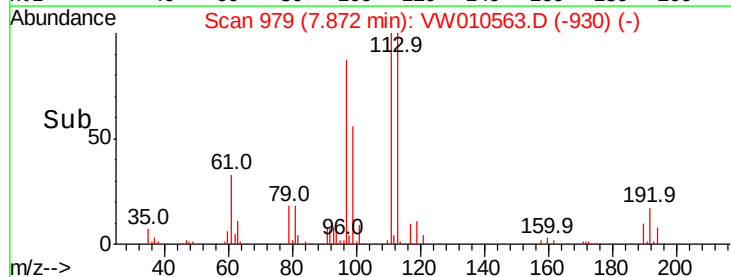
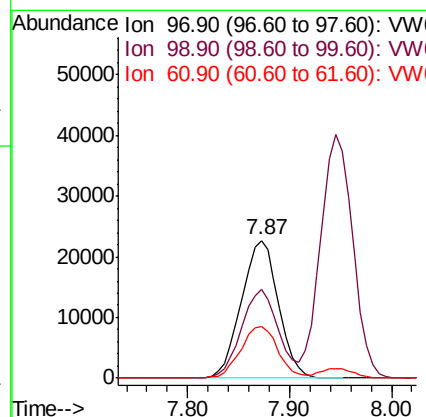
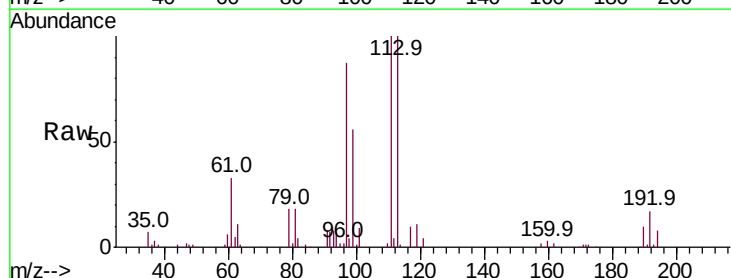
Tgt Ion: 97 Resp: 57044

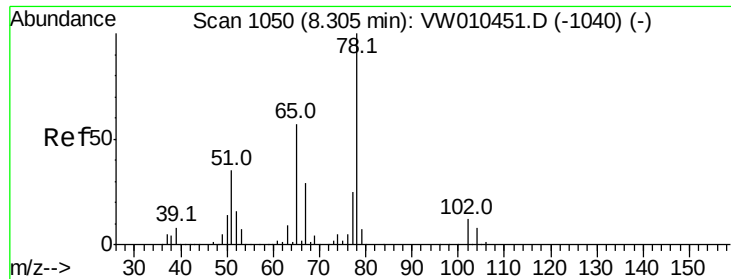
Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

61 37.9 32.1 48.1





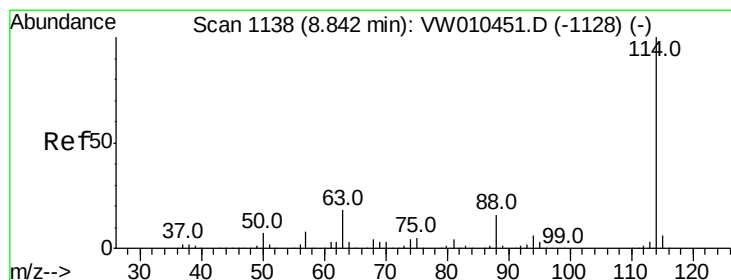
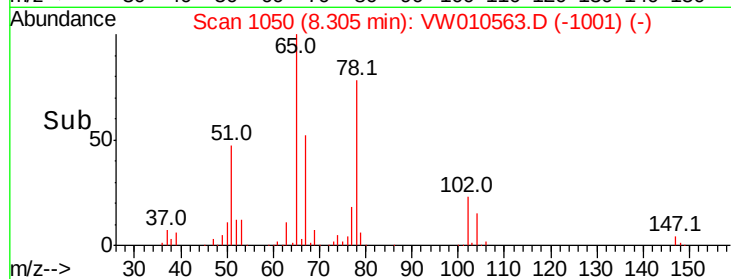
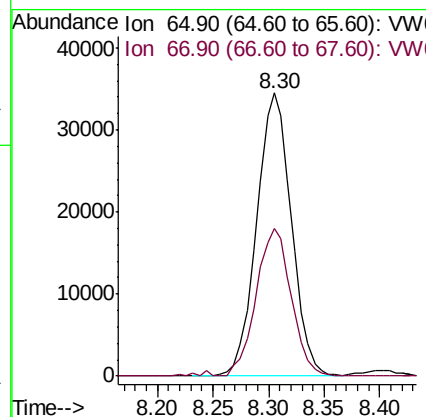
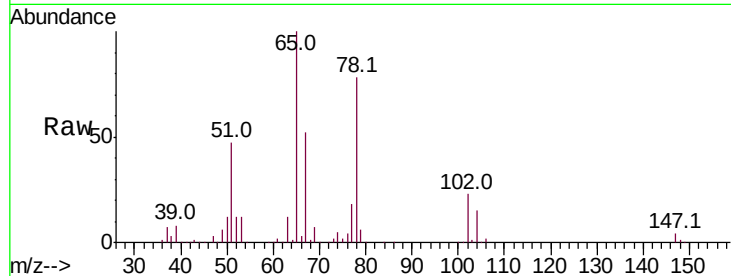
#33
 1,2-Dichloroethane-d4
 Concen: 47.616 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0528SBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.6

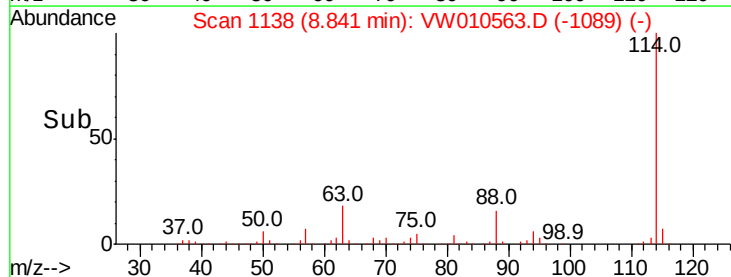
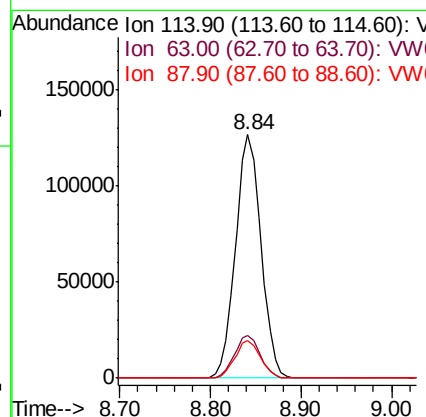
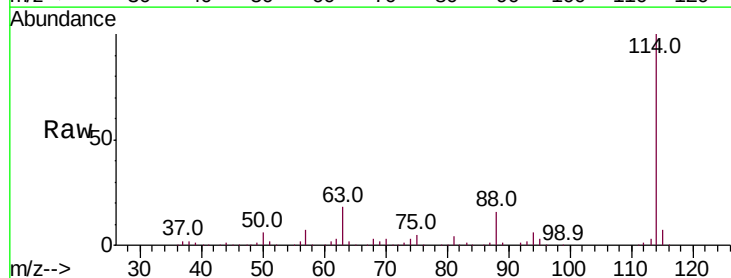
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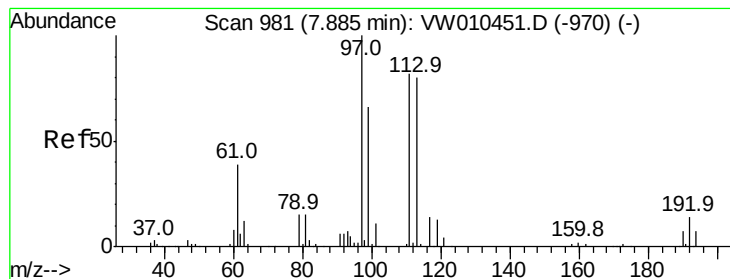
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.0
88	15.5	0.0	32.0





#35

Dibromofluoromethane

Concen: 52.796 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

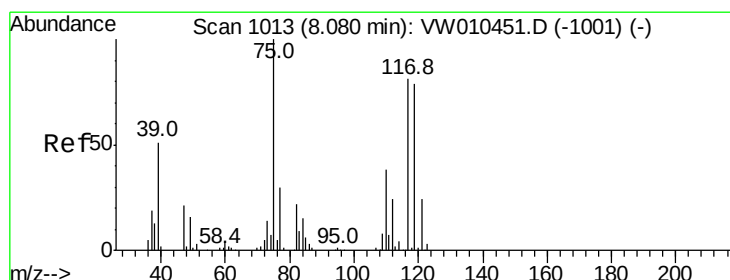
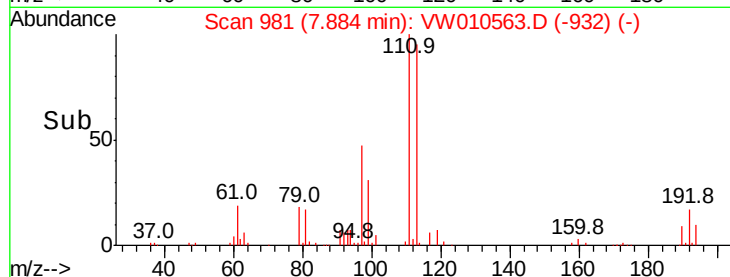
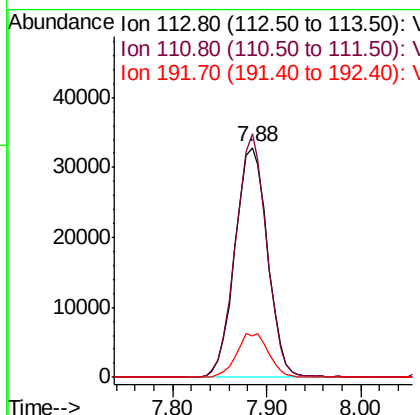
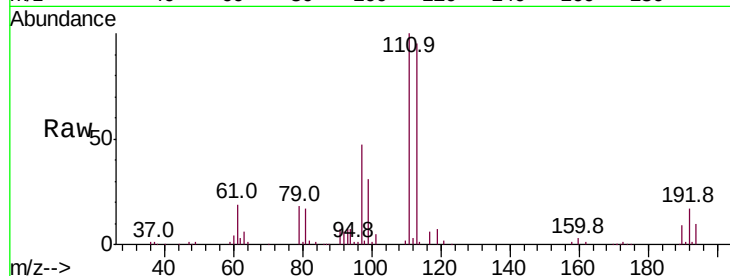
ClientSampleId :

VW0528SBS01

Tot Ion:	113	Resp:	79145
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.2	123.4
192	18.9	14.3	21.5

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#36

1,1-Dichloropropene

Concen: 20.223 ug/l

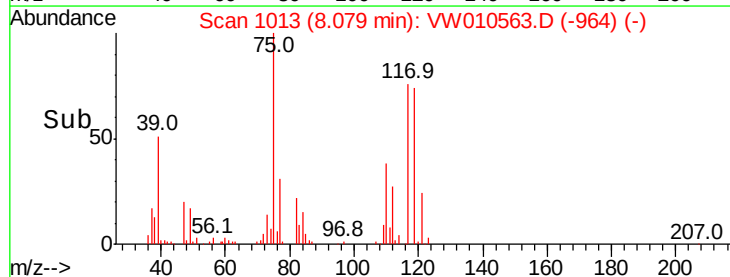
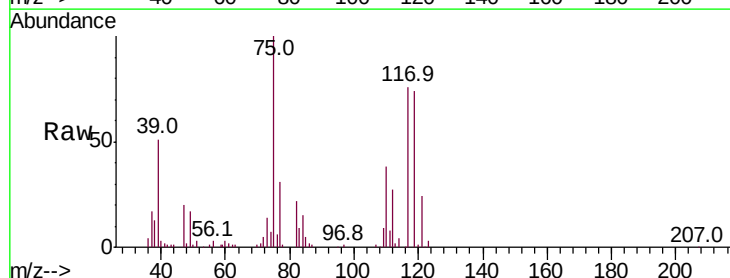
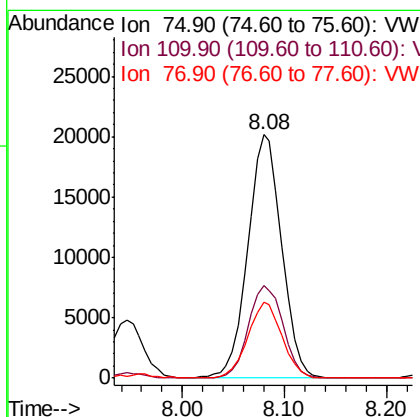
RT: 8.08 min Scan# 1013

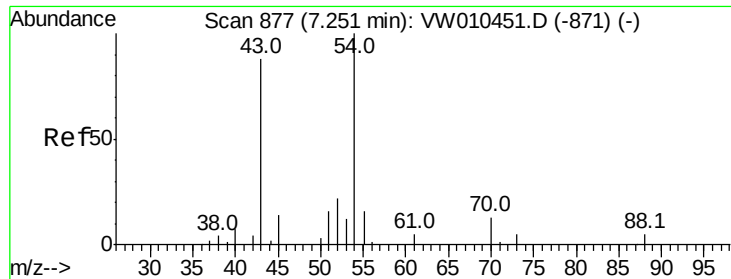
Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Tgt Ion:	75	Resp:	46541
Ion Ratio	Lower	Upper	
75	100		
110	38.8	19.2	57.6
77	31.5	25.2	37.8





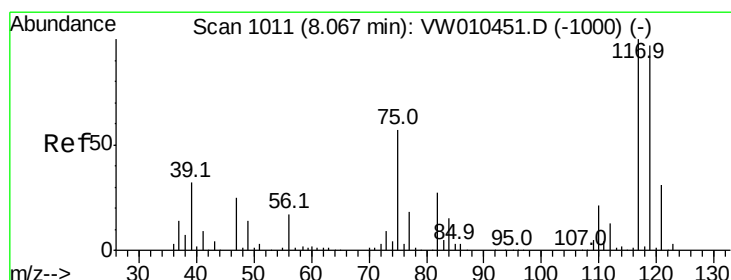
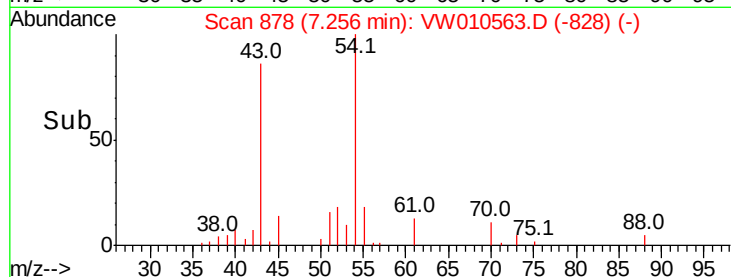
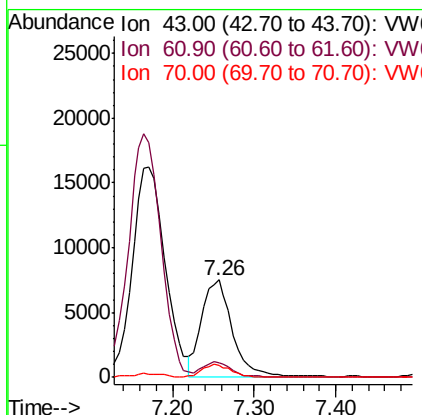
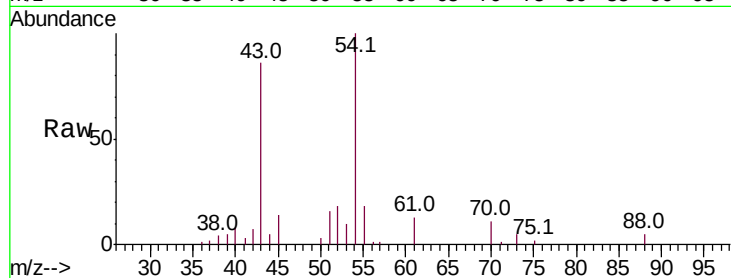
#37
Ethyl Acetate
Concen: 20.062 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBS01

Tot Ion	43	61	70
Ion	43	61	70
Ratio	100	15.0	12.4
Lower		11.2	9.9
Upper		16.8	14.9

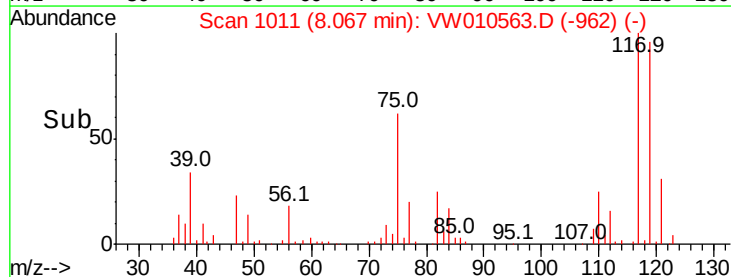
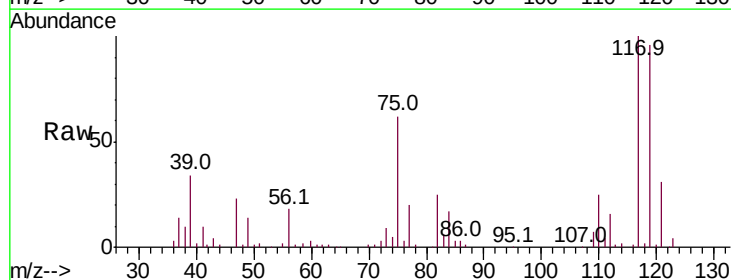
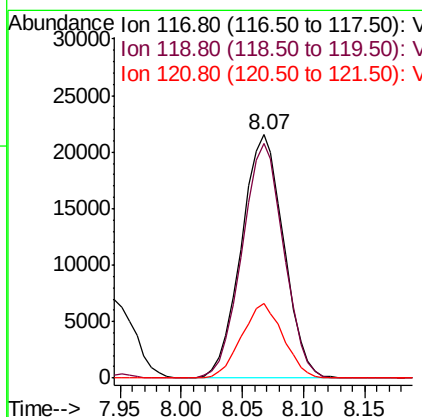
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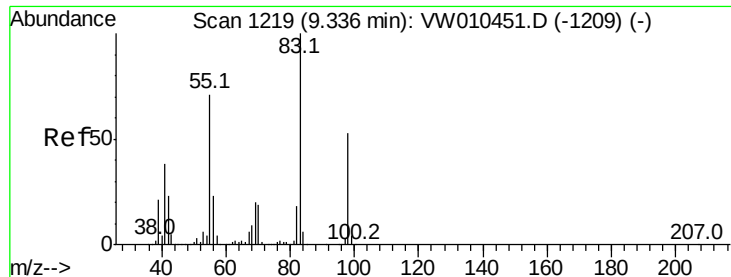
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#38
Carbon Tetrachloride
Concen: 20.858 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion	117	119	121
Ion	117	119	121
Ratio	100	96.3	30.7
Lower		77.4	25.0
Upper		116.0	37.6





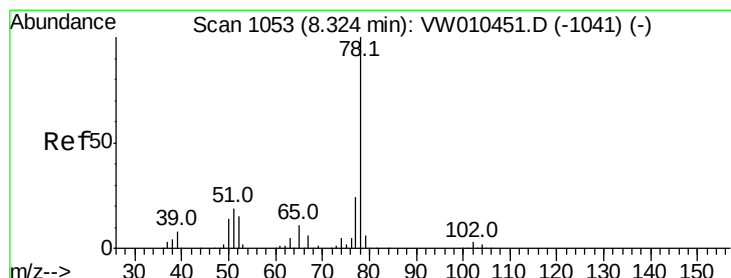
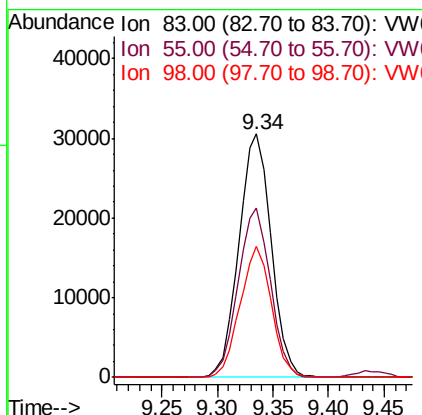
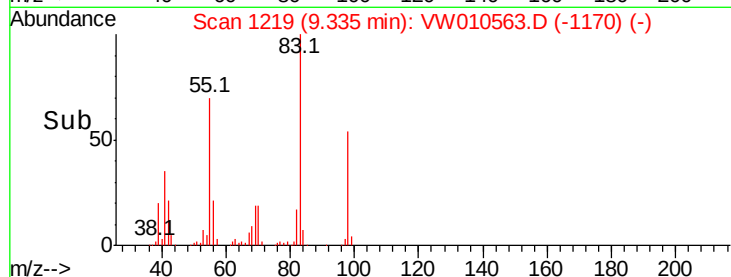
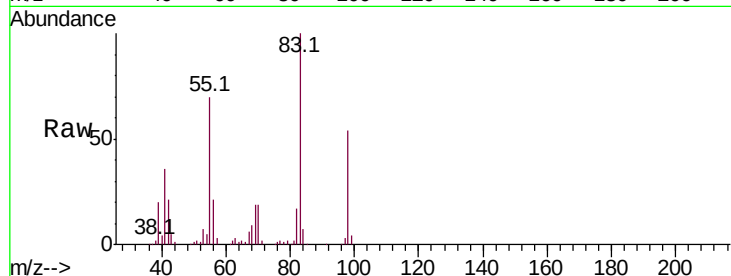
#39
Methylvlcyclohexane
Concen: 19.926 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.6	57.0	85.6
98	53.7	42.0	63.0

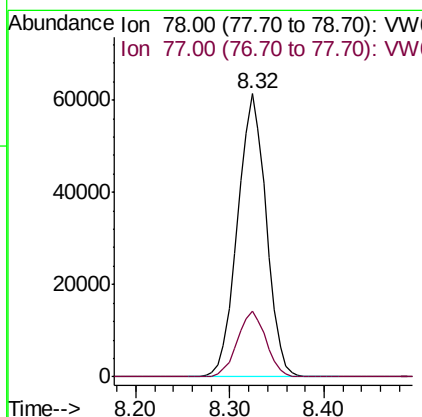
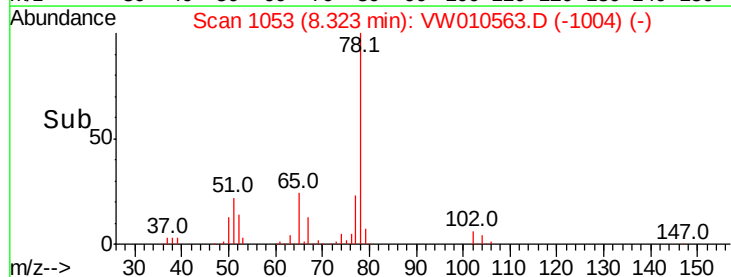
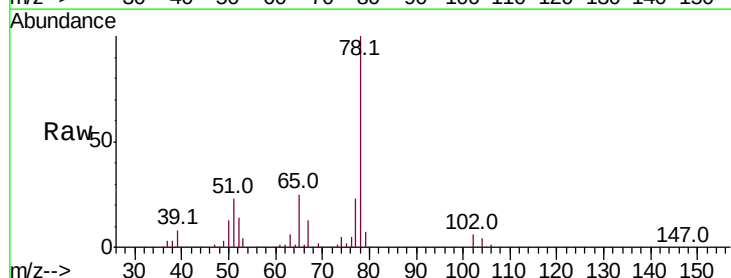
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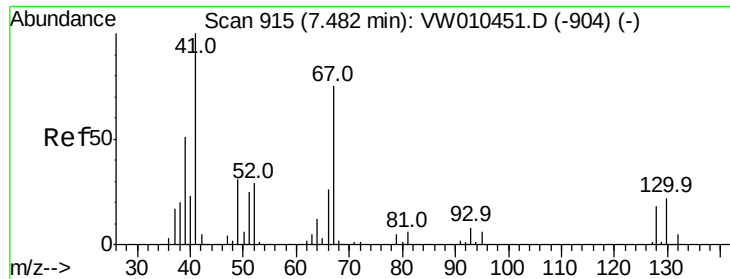
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#40
Benzene
Concen: 20.388 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





#41

Methacrylonitrile

Concen: 18.409 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion: 41 Resp: 10705

Ion Ratio Lower Upper

41 100

39 56.7 47.4 71.2

67 82.7 65.5 98.3

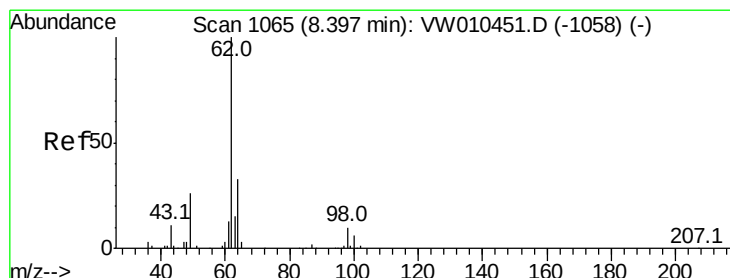
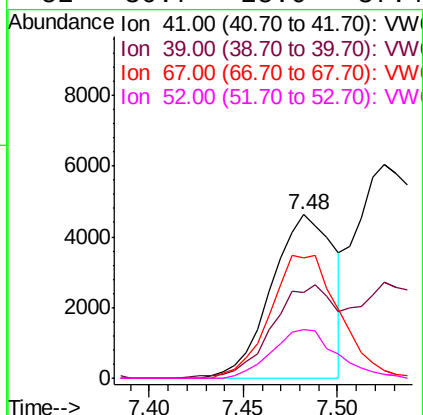
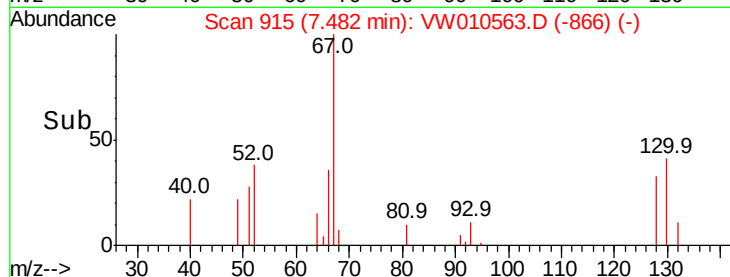
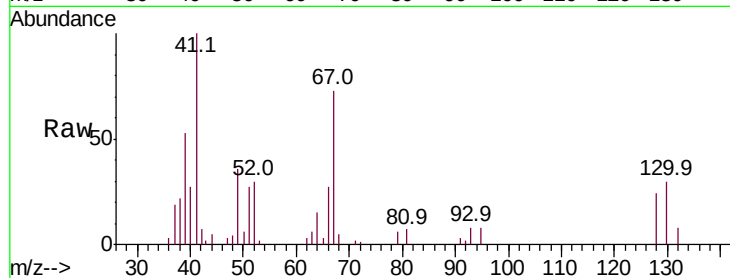
52 30.7 25.0 37.4

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#42

1,2-Dichloroethane

Concen: 20.236 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010563.D

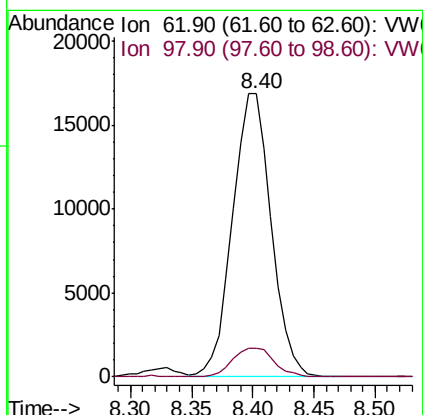
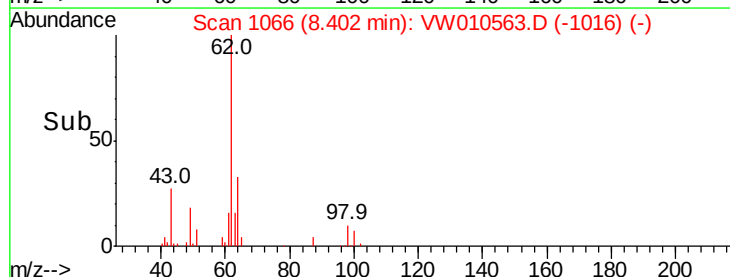
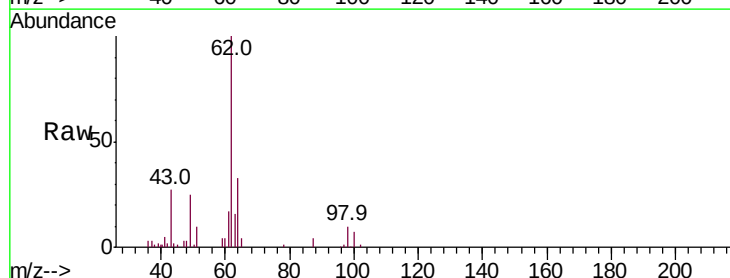
Acq: 28 May 2019 13:23

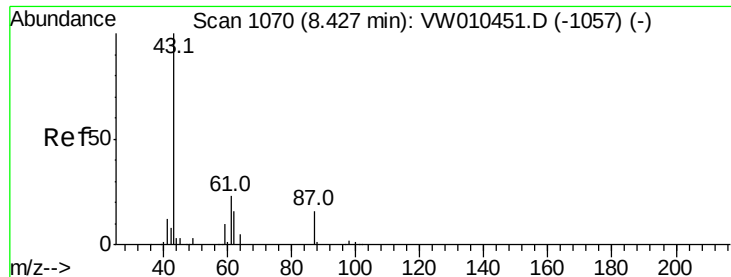
Tgt Ion: 62 Resp: 36996

Ion Ratio Lower Upper

62 100

98 10.8 0.0 21.0





#43

Isopropyl Acetate

Concen: 19.451 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

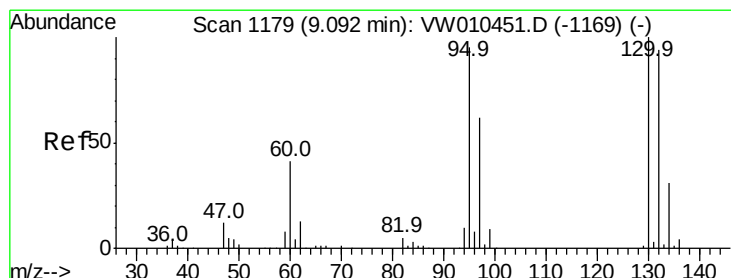
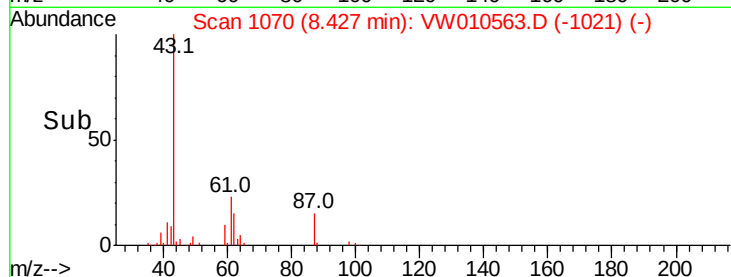
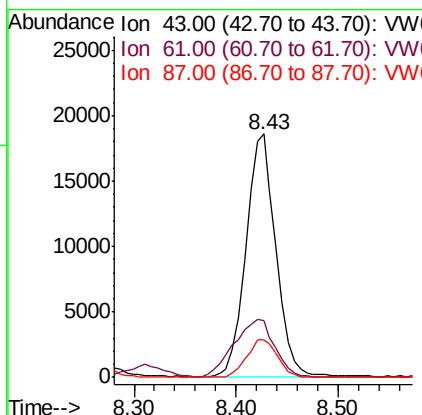
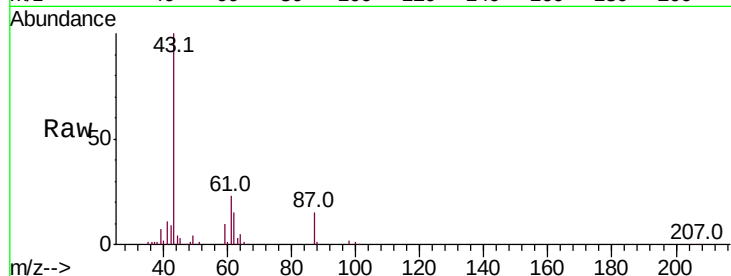
ClientSampleId :

VW0528SBS01

Tot Ion:	43	Resp:	38030
Ion	Ratio	Lower	Upper
43	100		
61	32.3	25.4	38.2
87	16.0	12.7	19.1

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#44

Trichloroethene

Concen: 21.153 ug/l

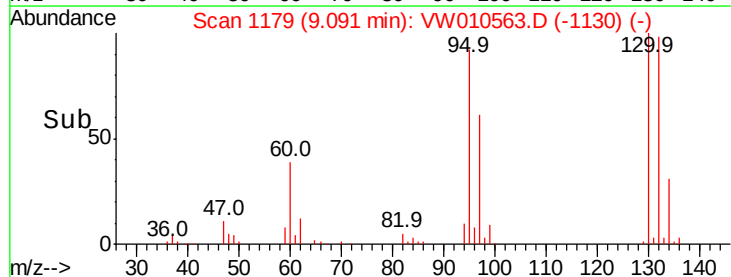
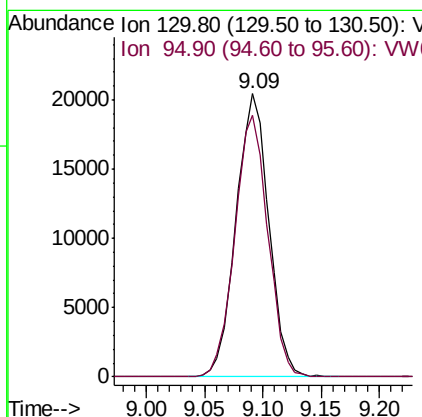
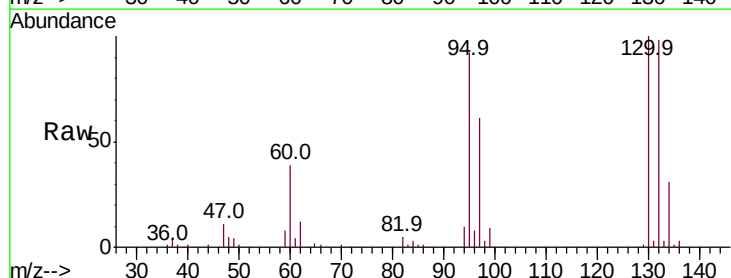
RT: 9.09 min Scan# 1179

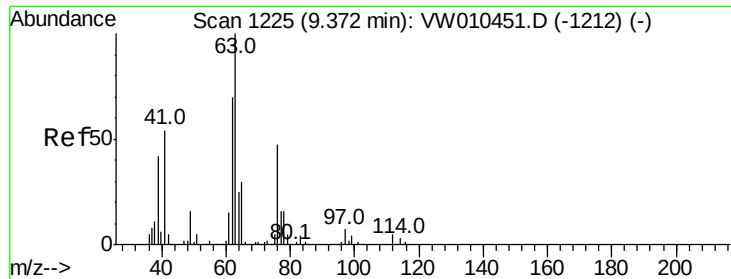
Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Tgt Ion:	130	Resp:	40170
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	189.6





#45

1,2-Dichloropropane

Concen: 20.313 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion: 63 Resp: 30859

Ion Ratio Lower Upper

63 100

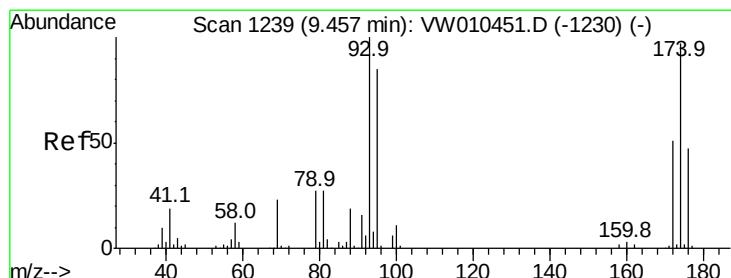
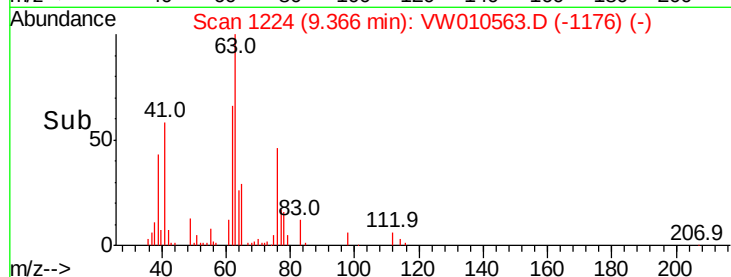
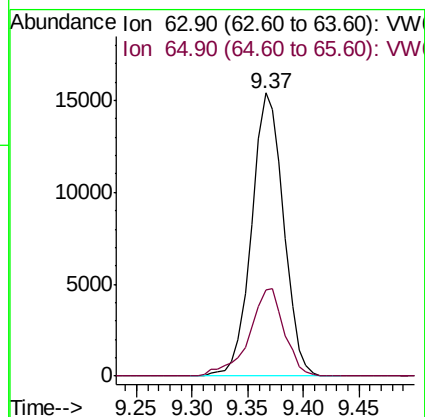
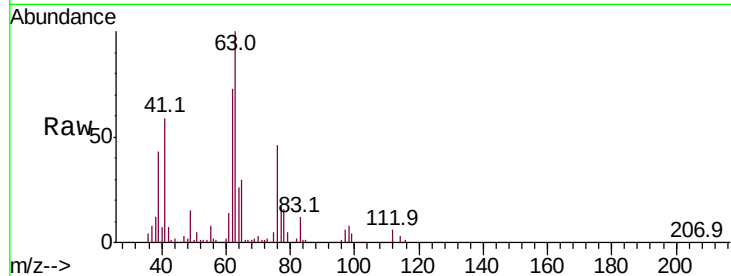
65 30.4 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 20.542 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

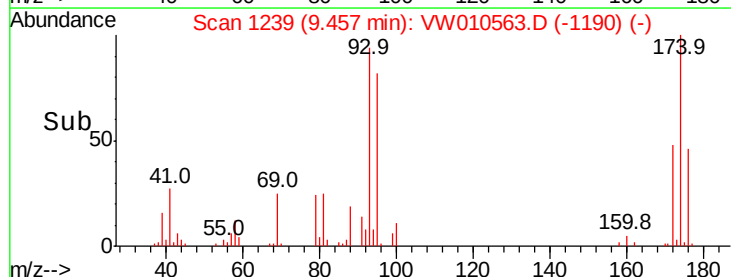
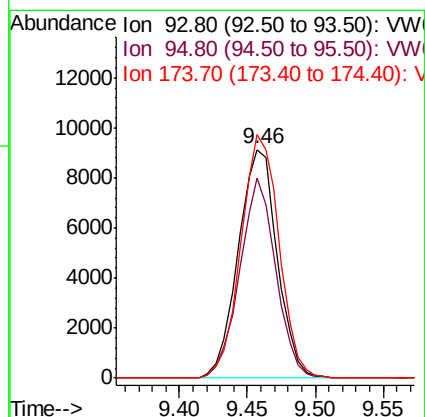
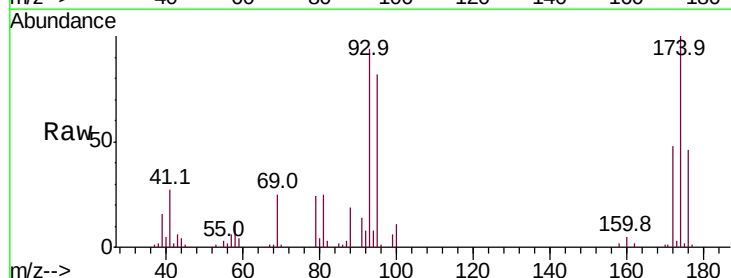
Tgt Ion: 93 Resp: 18251

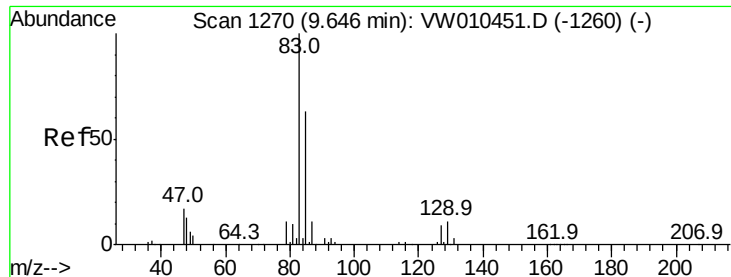
Ion Ratio Lower Upper

93 100

95 81.0 66.1 99.1

174 104.5 77.1 115.7





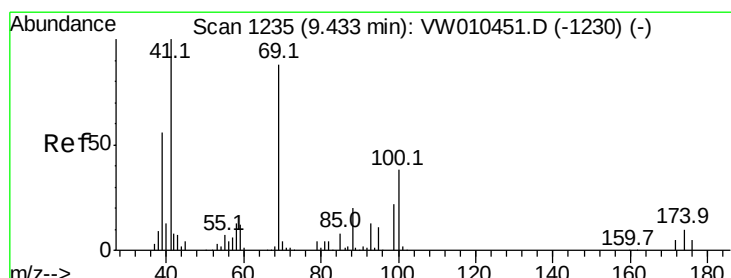
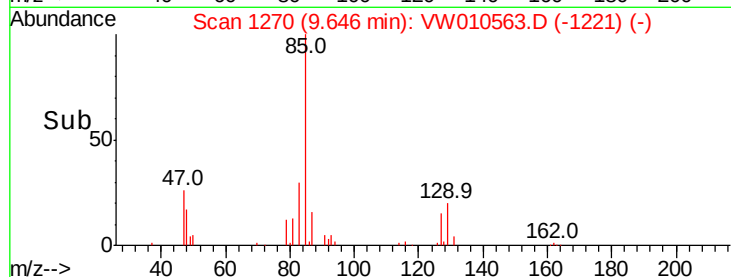
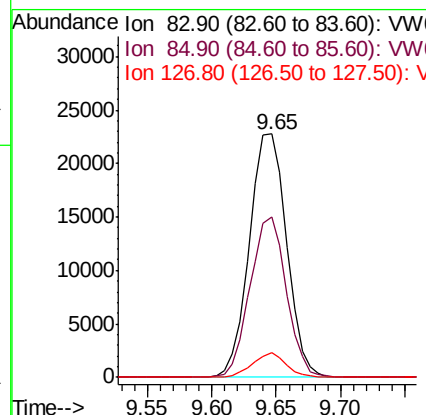
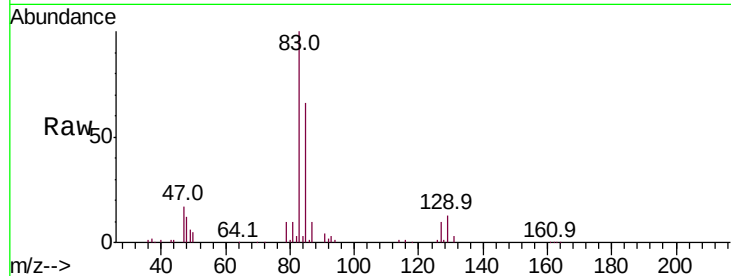
#47
 Bromodichloromethane
 Concen: 20.359 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0528SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	45455		
85	66.0		50.4	75.6
127	10.0		7.4	11.0

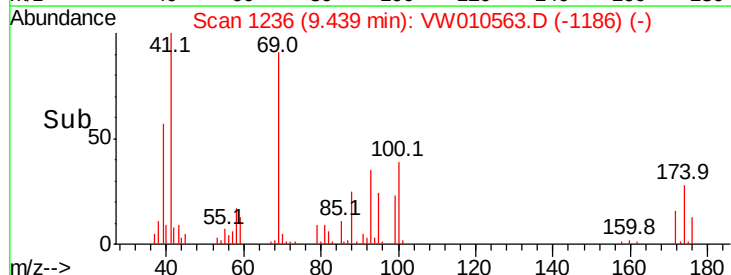
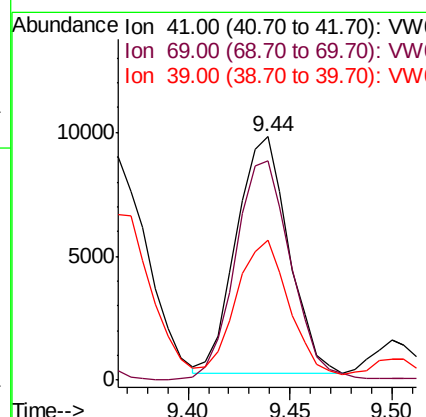
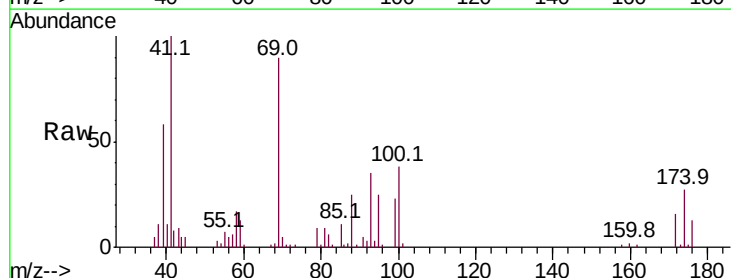
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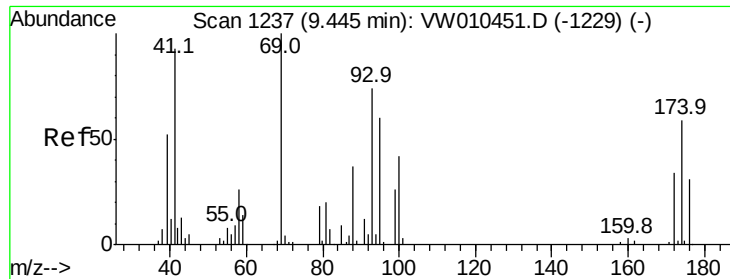
MMDadoda
 5/29/2019 11:05:36 AM



#48
 Methyl methacrylate
 Concen: 18.974 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	16972		
69	99.5		77.6	116.4
39	62.5		49.8	74.8





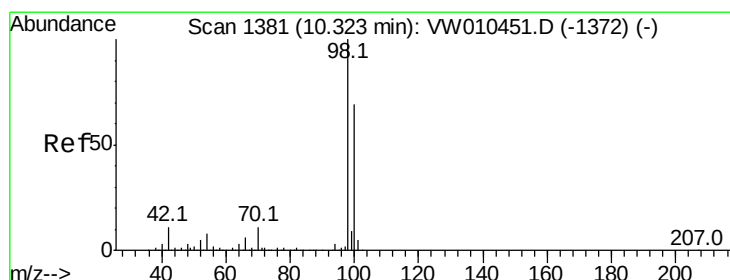
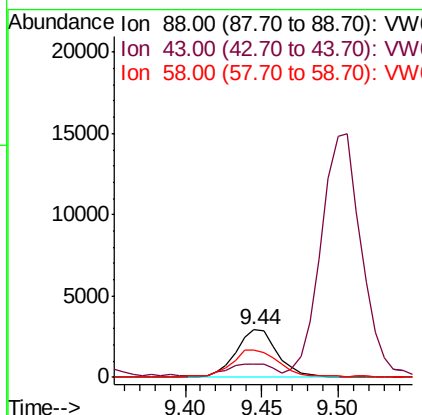
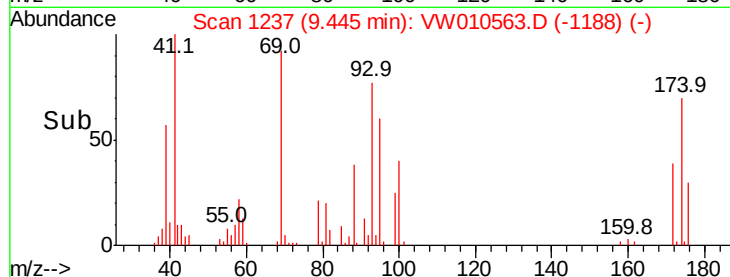
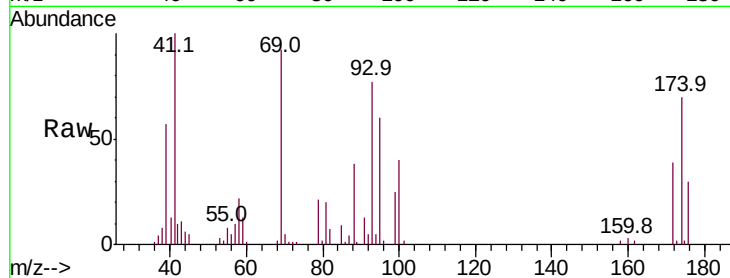
#49
 1,4-Dioxane
 Concen: 380.612 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0528SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.7	25.9	38.9
58	68.3	52.7	79.1

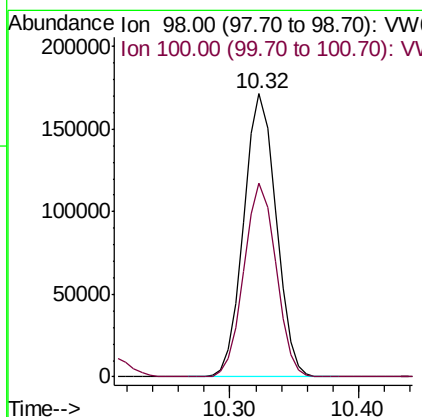
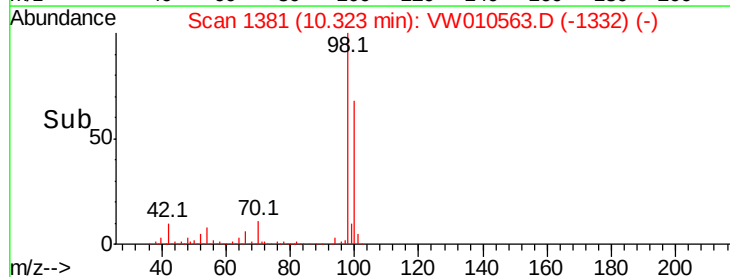
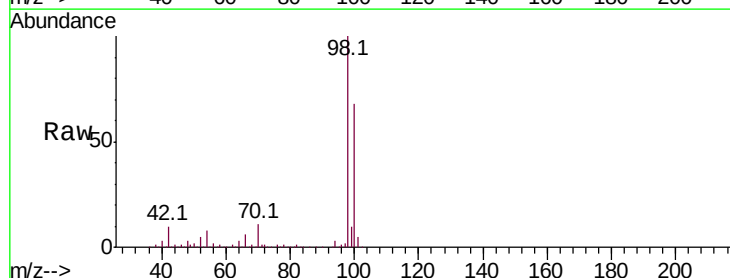
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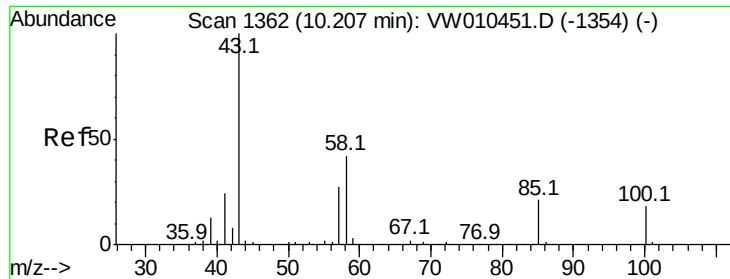
MMDadoda
 5/29/2019 11:05:36 AM



#50
 Toluene-d8
 Concen: 52.076 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 98.111 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion: 43 Resp: 97201

Ion Ratio Lower Upper

43 100

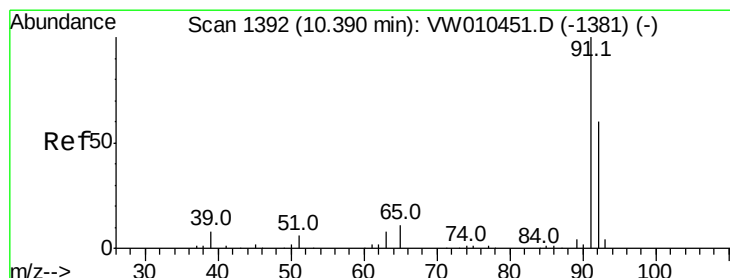
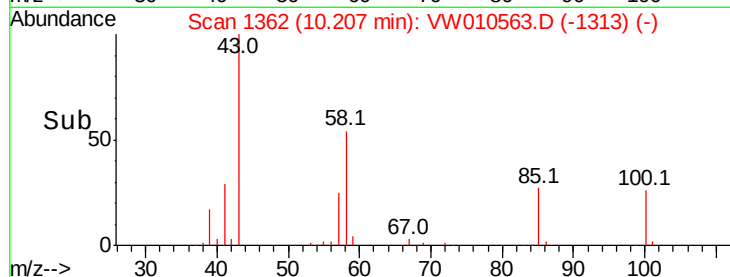
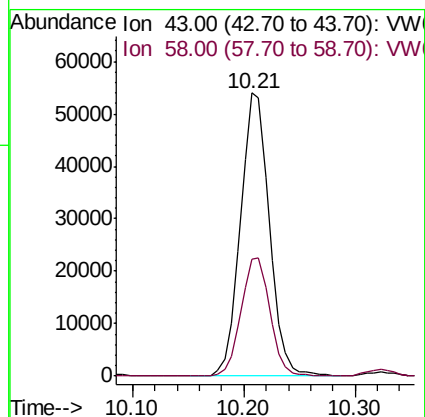
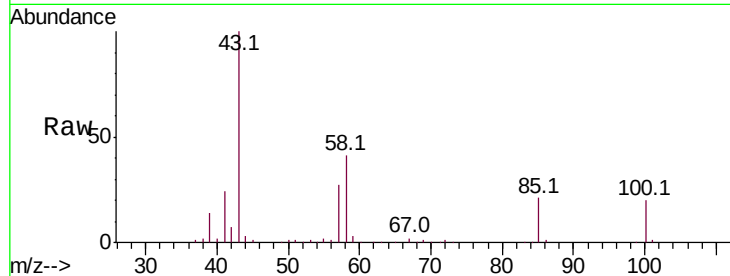
58 41.8 33.2 49.8

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MMDadoda

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#52

Toluene

Concen: 20.875 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010563.D

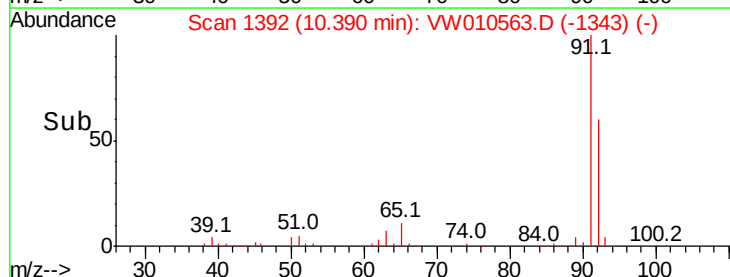
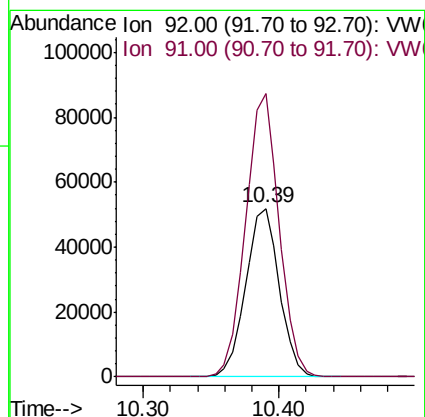
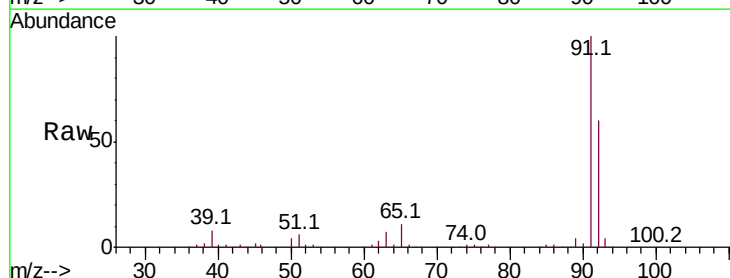
Acq: 28 May 2019 13:23

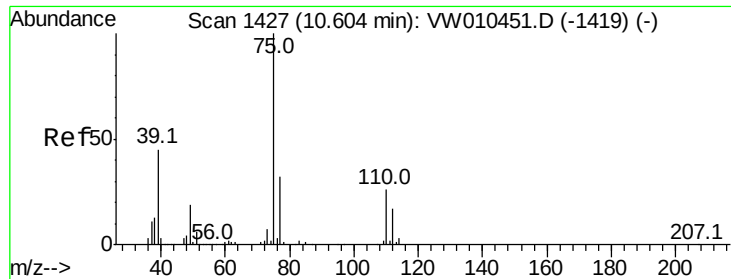
Tgt Ion: 92 Resp: 89674

Ion Ratio Lower Upper

92 100

91 167.6 135.4 203.0





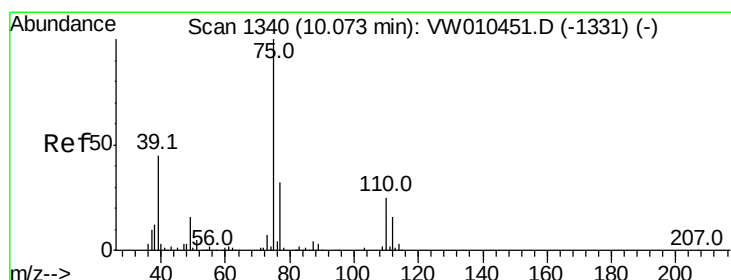
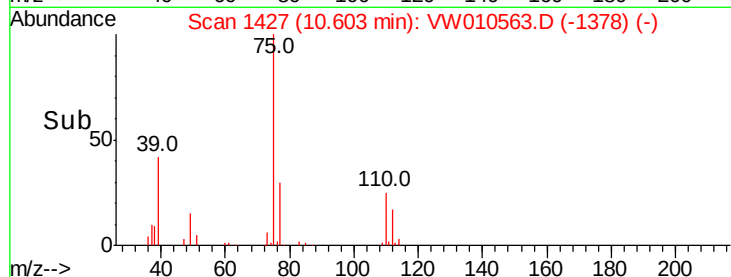
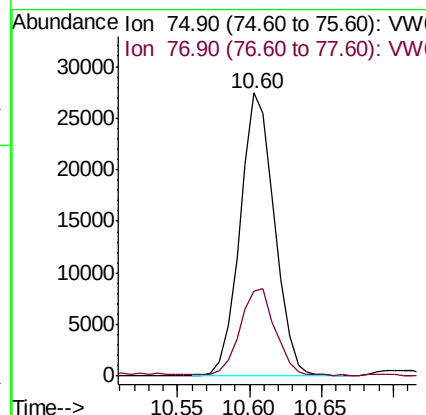
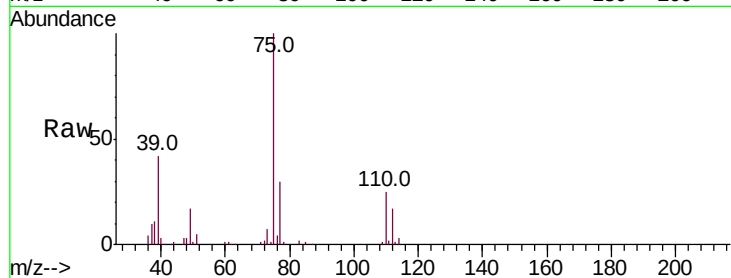
#53
t-1,3-Dichloropropene
Concen: 20.045 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBSD01

Tot Ion: 75 Resp: 45325
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0

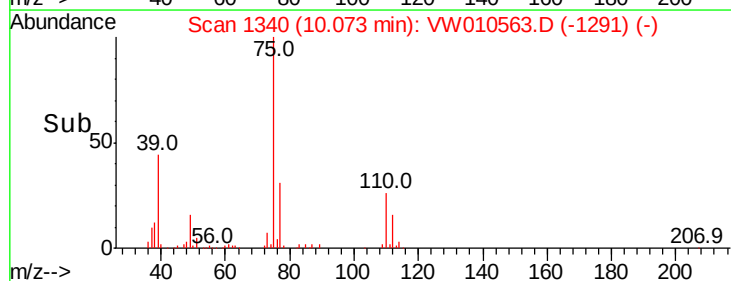
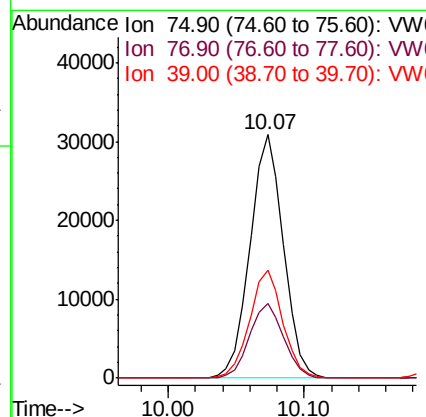
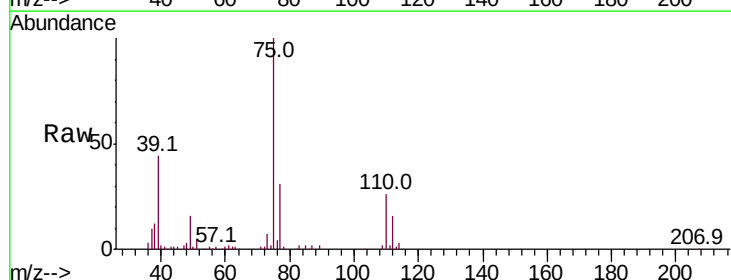
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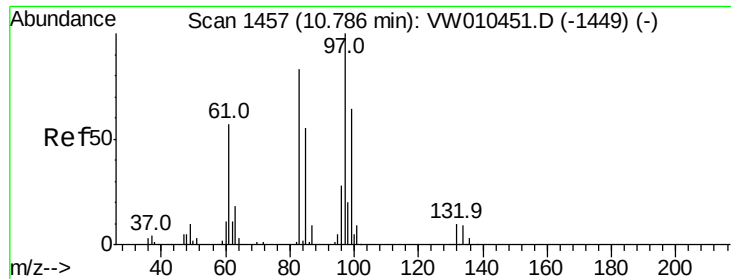
MMDadoda
5/29/2019 11:05:36 AM



#54
cis-1,3-Dichloropropene
Concen: 20.587 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion: 75 Resp: 53163
Ion Ratio Lower Upper
75 100
77 30.6 25.7 38.5
39 44.2 36.2 54.4





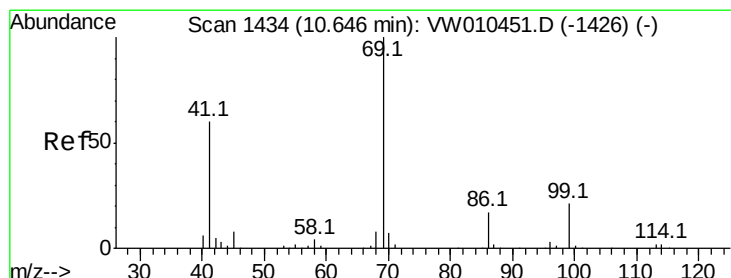
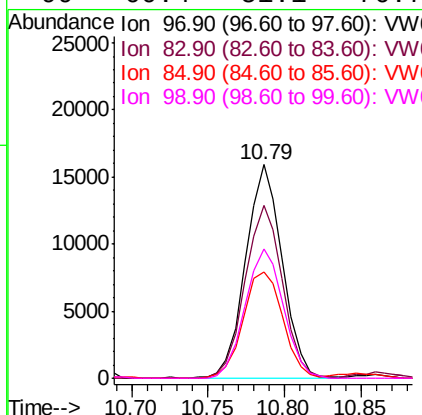
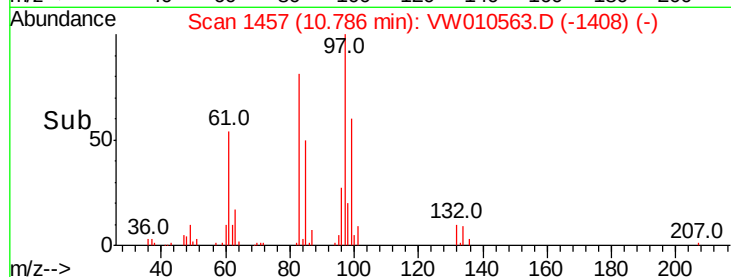
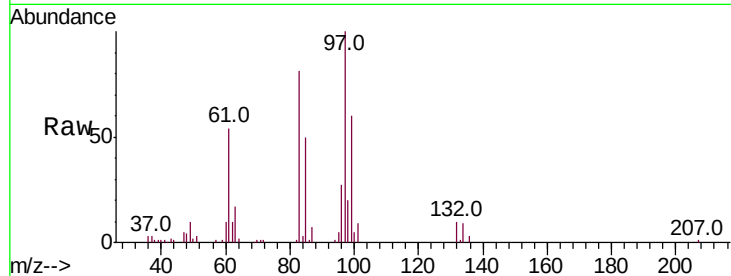
#55
 1,1,2-Trichloroethane
 Concen: 20.755 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0528SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.7	66.1	99.1
85	50.0	44.2	66.4
99	60.4	51.1	76.7

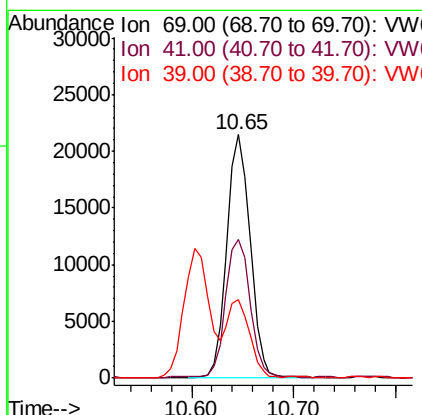
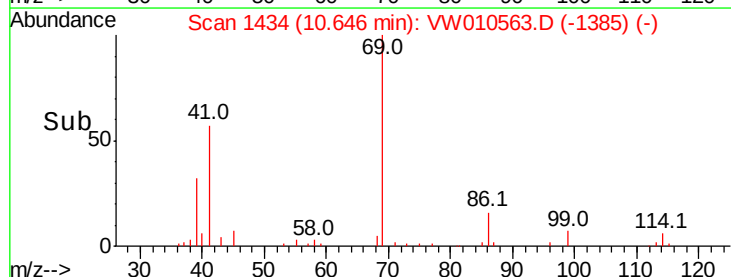
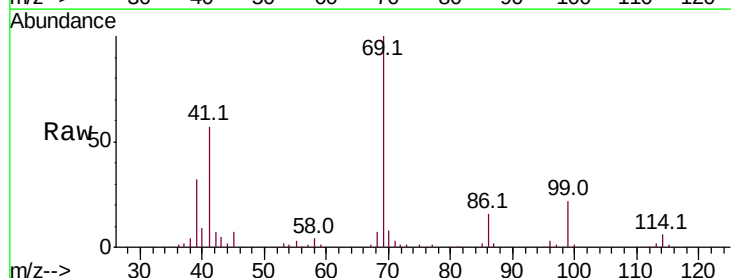
Manual Integrations
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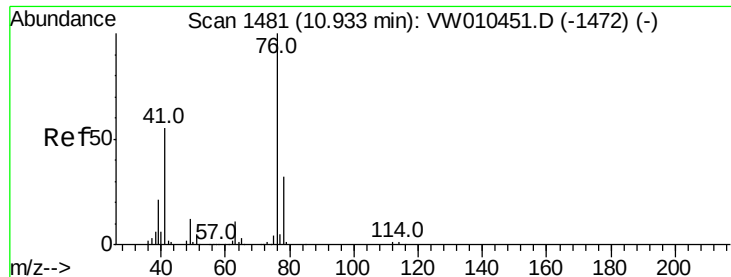
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#56
 Ethyl methacrylate
 Concen: 19.499 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.7	71.5
39	30.3	25.3	37.9





#57

1,3-Dichloropropane

Concen: 20.503 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion: 76 Resp: 43879

Ion Ratio Lower Upper

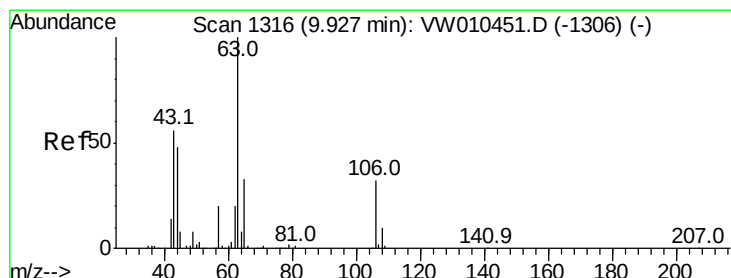
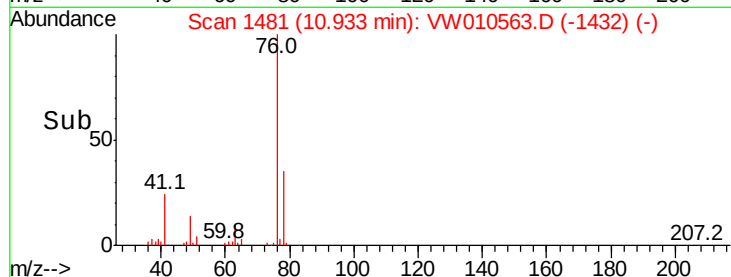
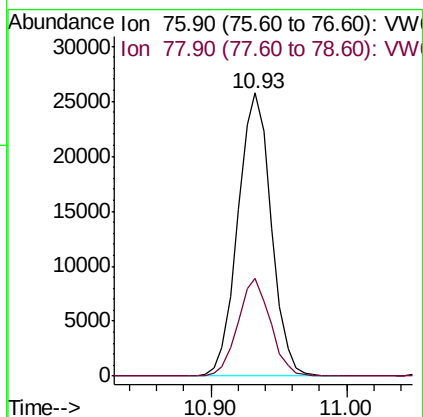
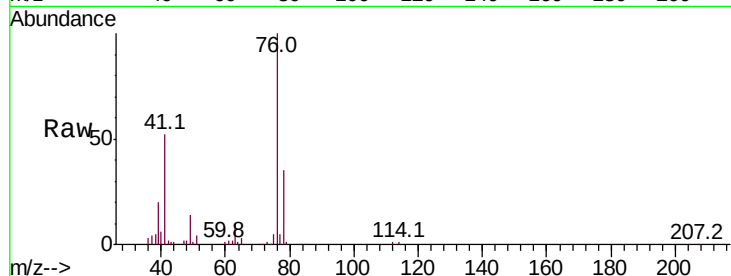
76 100

78 33.8 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 104.102 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW010563.D

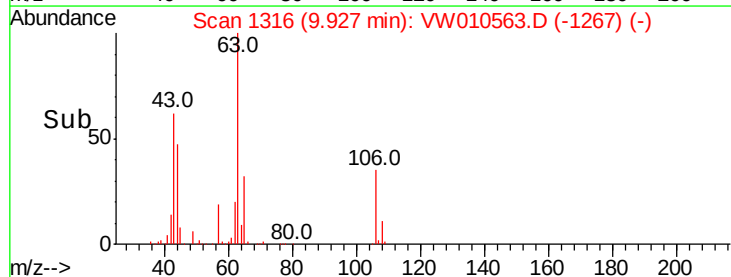
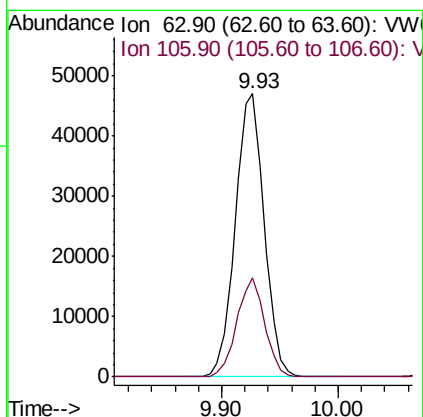
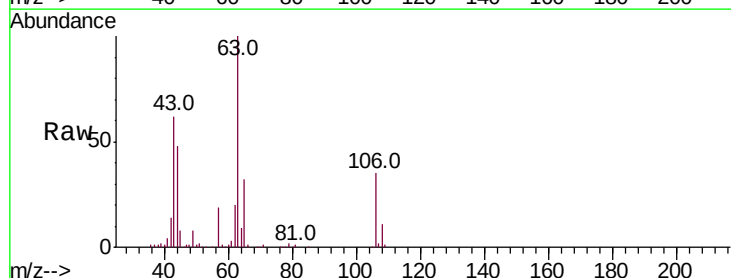
Acq: 28 May 2019 13:23

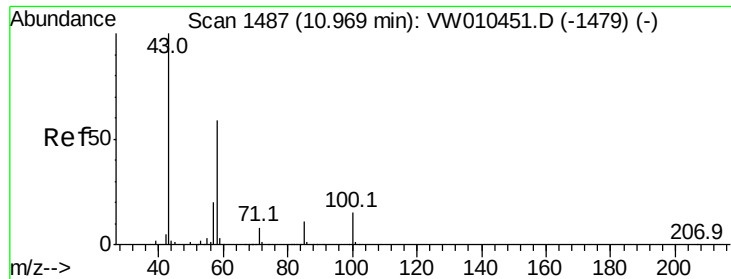
Tgt Ion: 63 Resp: 81247

Ion Ratio Lower Upper

63 100

106 33.7 25.8 38.6





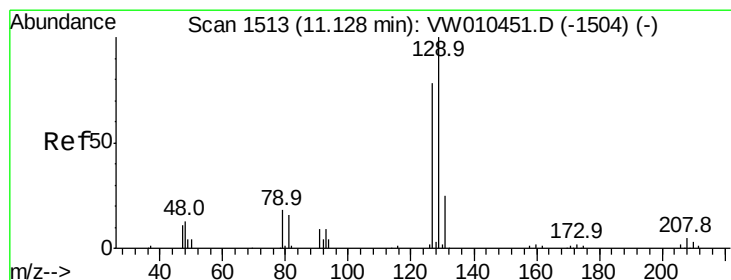
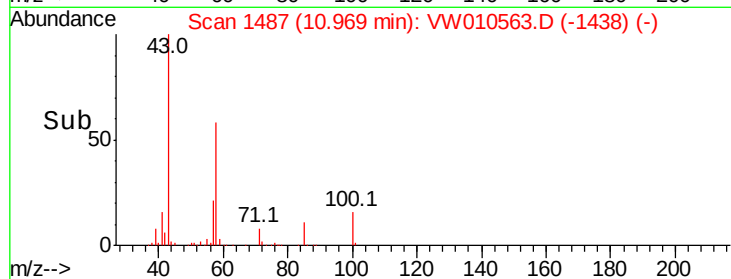
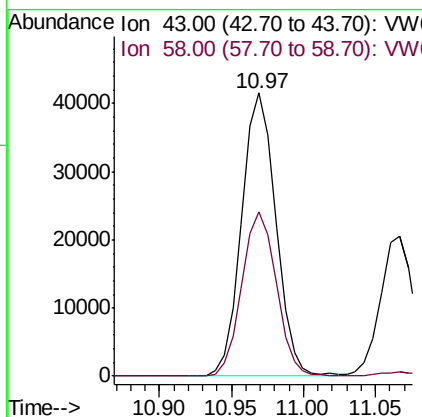
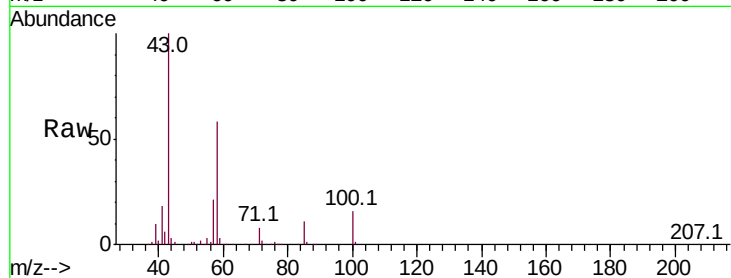
#59
2-Hexanone
Concen: 96.944 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBS01

Tot Ion	43	58	Ratio	100	58.7	Resp	68514	Lower	Upper
Ion	43	58	Ratio	100	58.7	Resp	68514	Lower	Upper
								28.9	86.8

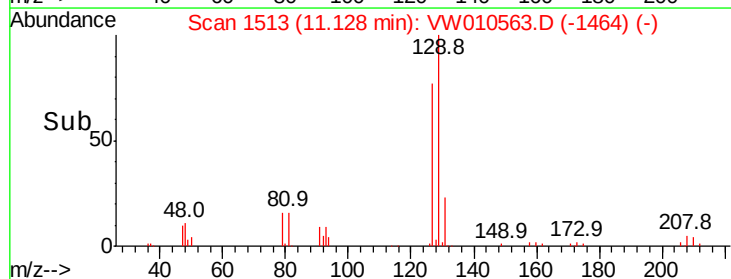
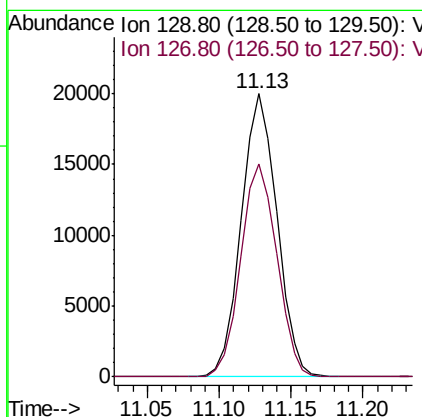
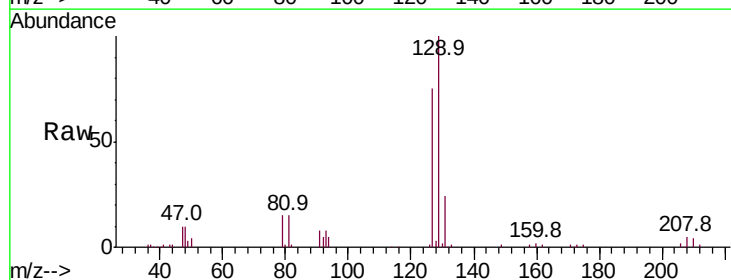
Manual Integrations
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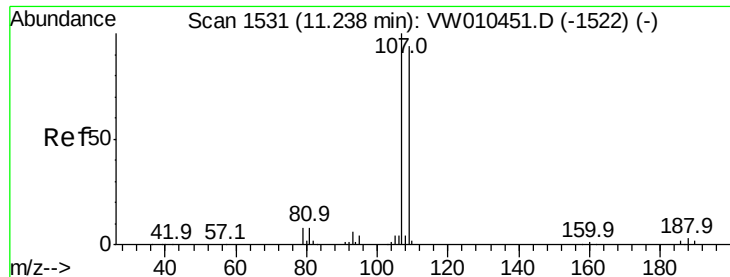
MMDadoda
5/29/2019 11:05:36 AM



#60
Dibromochloromethane
Concen: 21.236 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion	129	127	Ratio	100	76.1	Resp	34337	Lower	Upper
Ion	129	127	Ratio	100	76.1	Resp	34337	Lower	Upper
								38.9	116.7





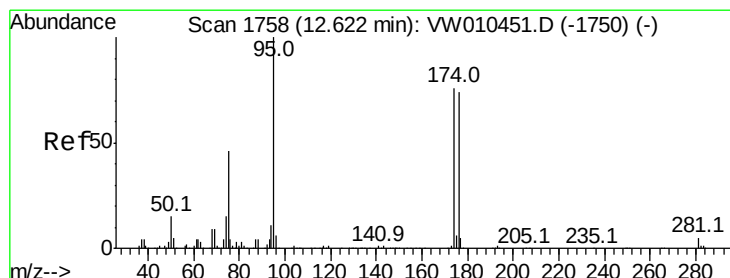
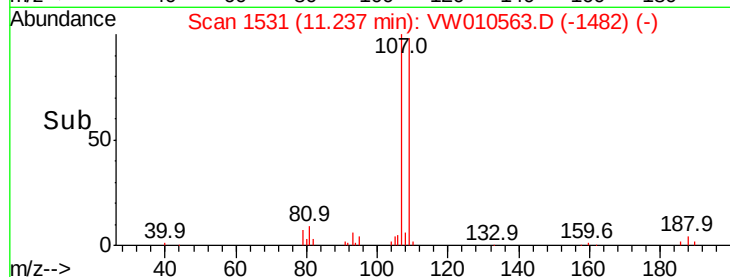
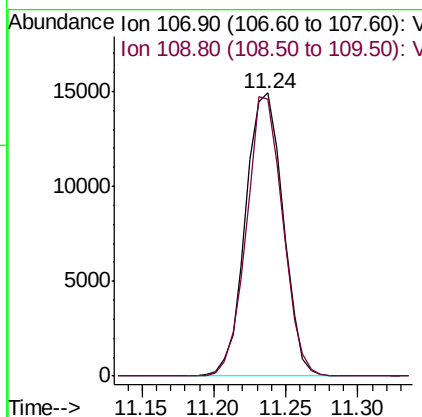
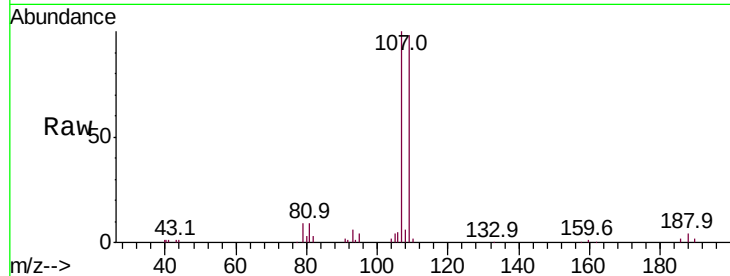
#61
 1,2-Dibromoethane
 Concen: 20.761 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0528SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.0	112.4

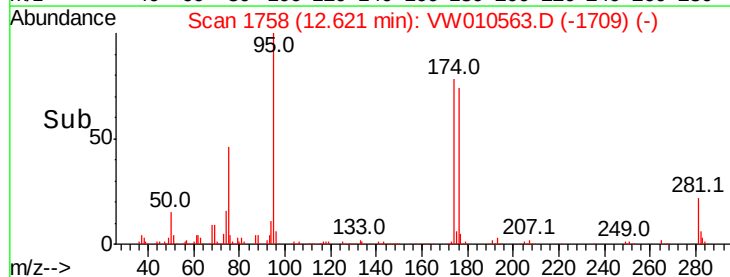
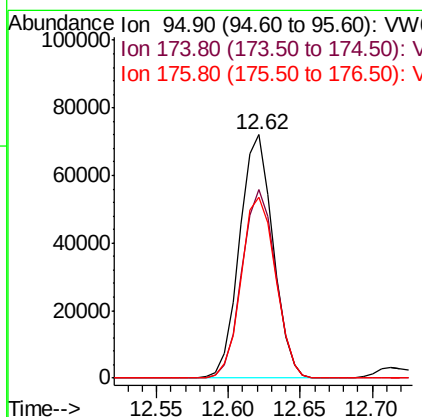
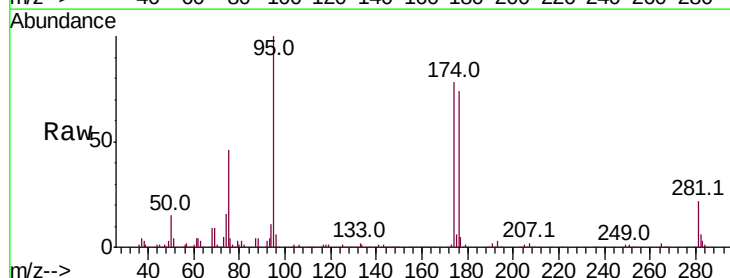
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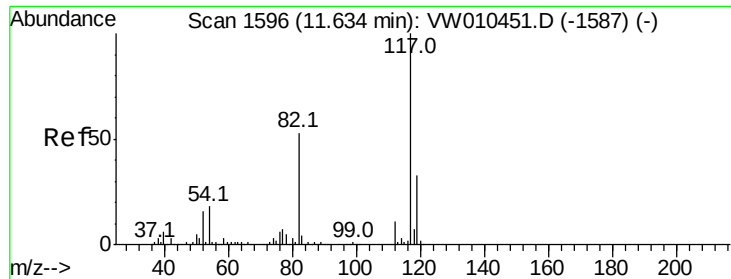
MMDadoda
 5/29/2019 11:05:36 AM



#62
 4-Bromofluorobenzene
 Concen: 50.918 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	148.6
176	76.0	0.0	144.2





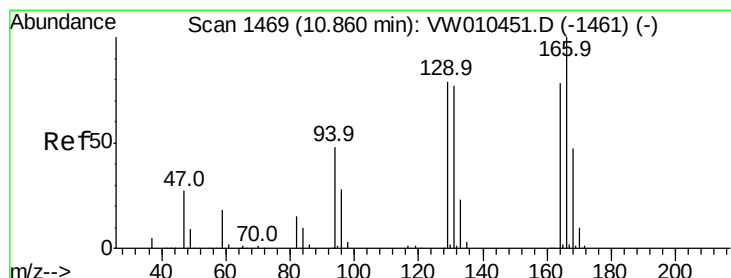
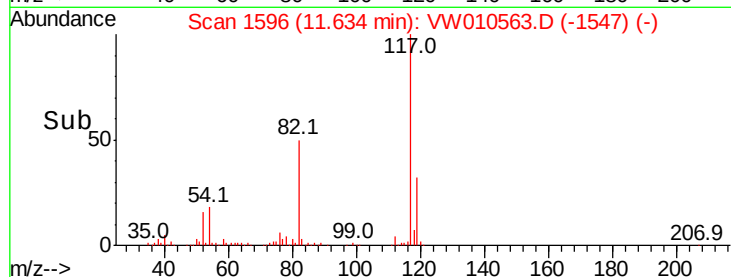
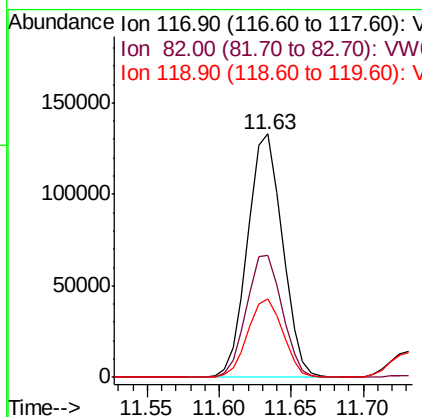
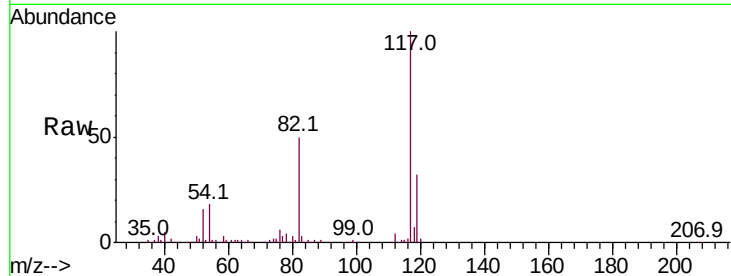
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	223185		
82	49.9		42.8	64.2
119	32.1		26.3	39.5

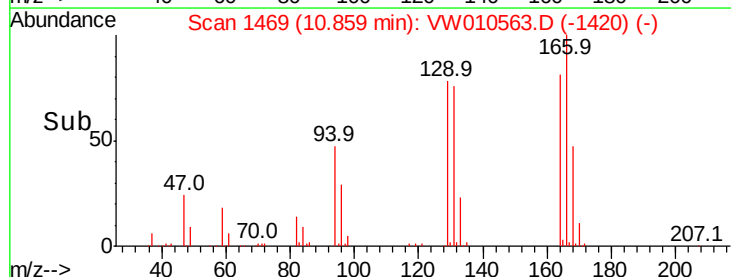
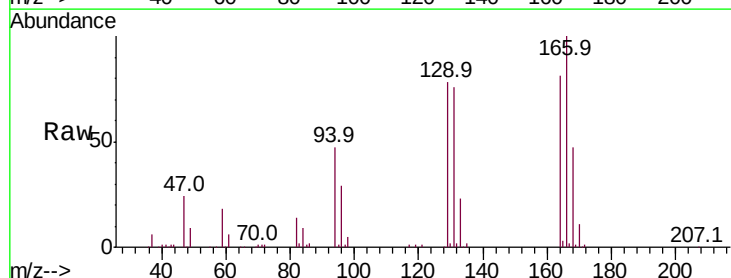
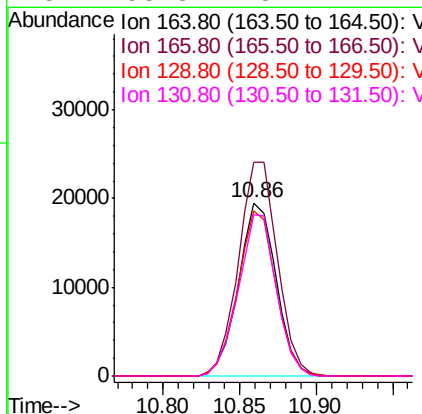
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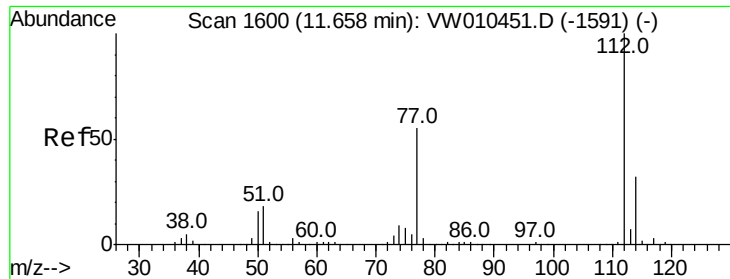
MMDadoda
5/29/2019 11:05:36 AM



#64
Tetrachloroethene
Concen: 21.409 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33308		
166	123.3		101.9	152.9
129	95.7		80.6	121.0
131	93.3		78.2	117.2





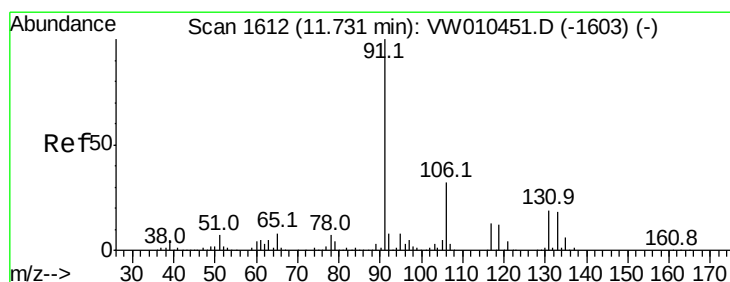
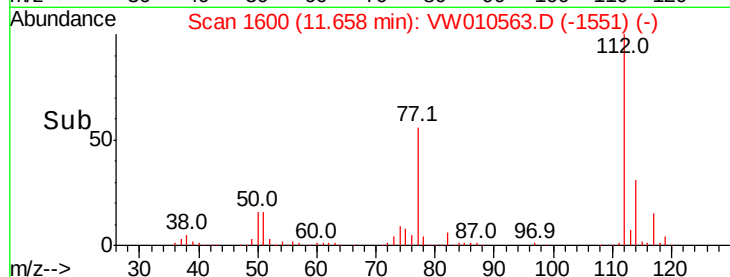
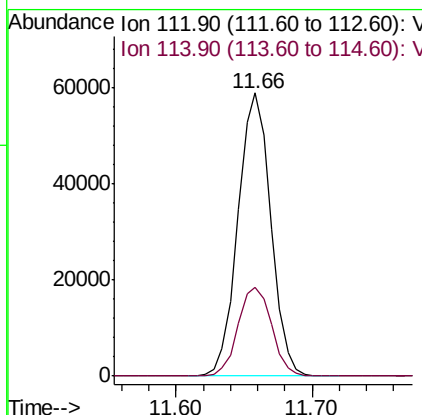
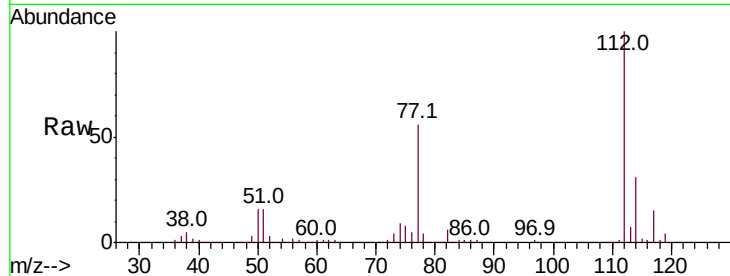
#65
Chlorobenzene
Concen: 20.848 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBSD01

Tot Ion:112 Resp: 99167
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

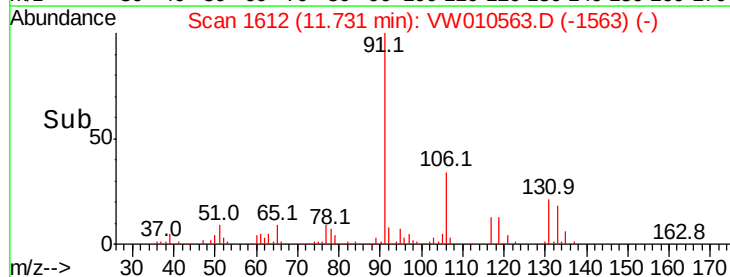
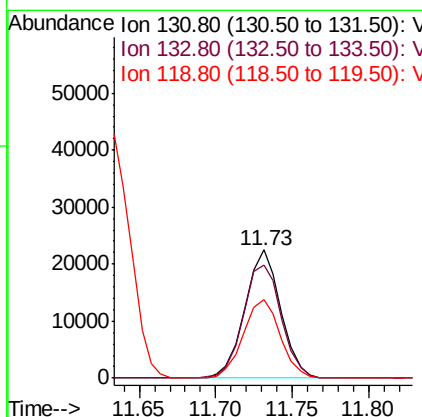
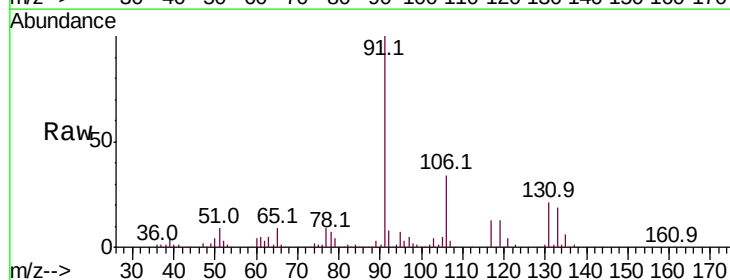
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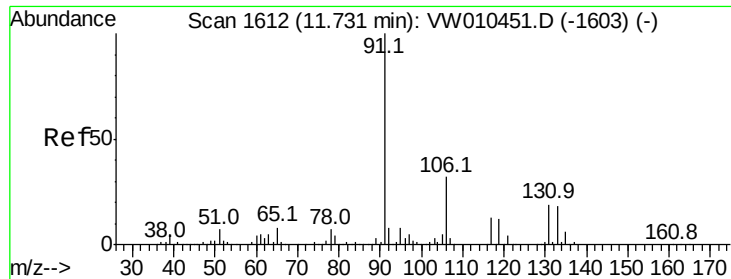
MMDadoda
5/29/2019 11:05:36 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.462 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion:131 Resp: 36570
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.9
119 63.2 32.1 96.5





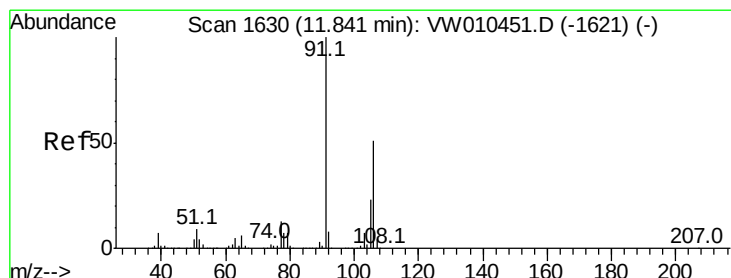
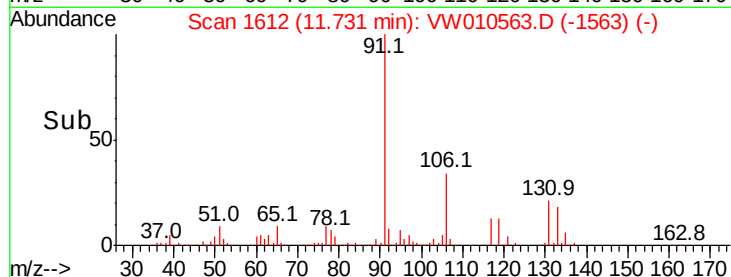
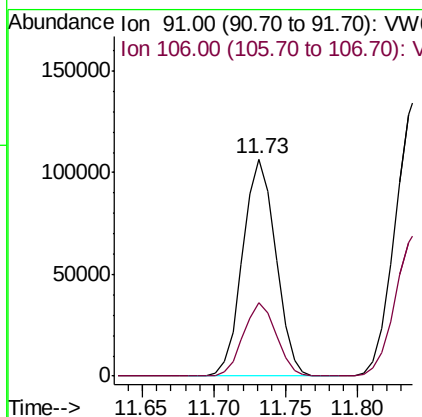
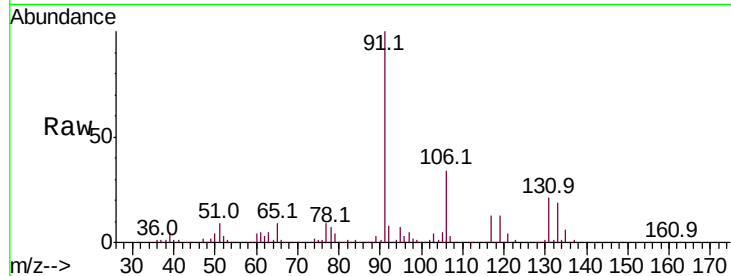
#67
Ethyl Benzene
Concen: 20.272 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBS01

Tot Ion: 91 Resp: 170240
Ion Ratio Lower Upper
91 100
106 33.8 25.9 38.9

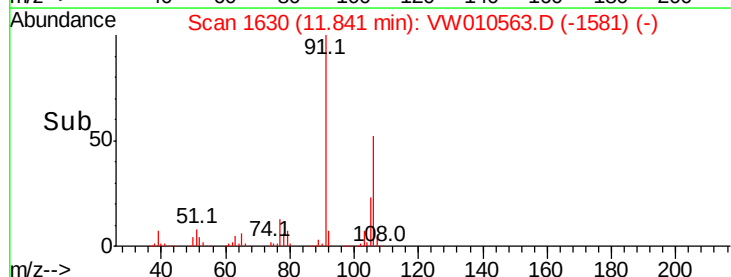
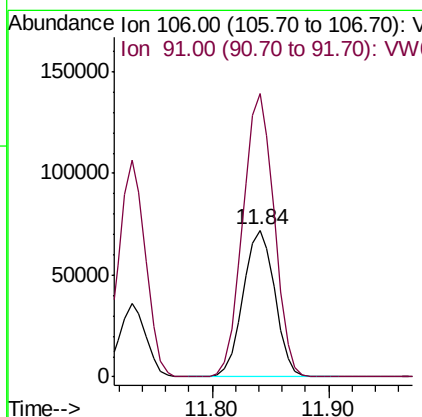
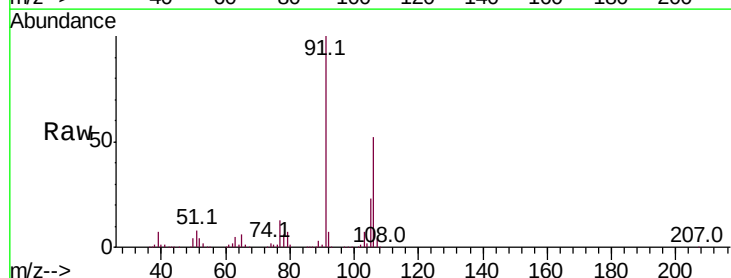
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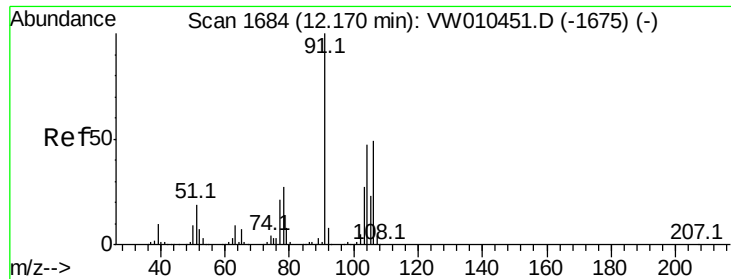
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#68
m/p-Xylenes
Concen: 41.534 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion:106 Resp: 136812
Ion Ratio Lower Upper
106 100
91 191.1 156.0 234.0





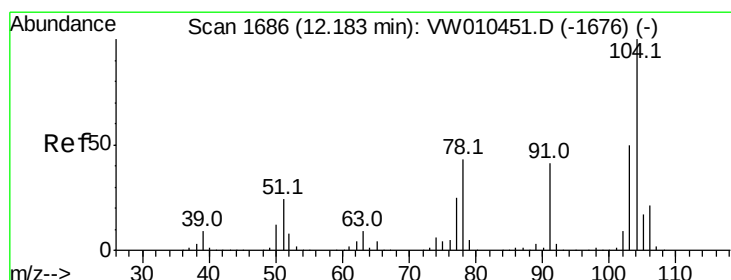
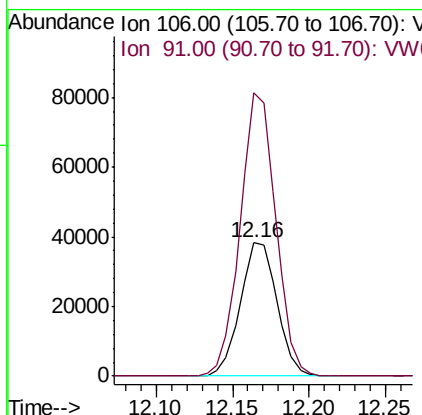
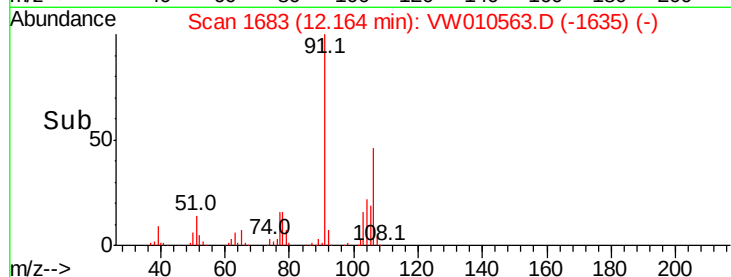
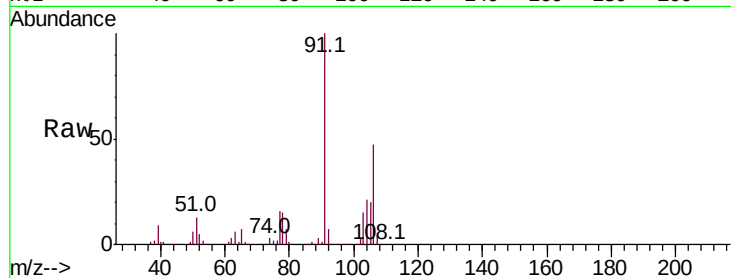
#69
o-Xylene
Concen: 20.447 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBS01

Tot Ion:106 Resp: 63812
Ion Ratio Lower Upper
106 100
91 205.7 103.2 309.4

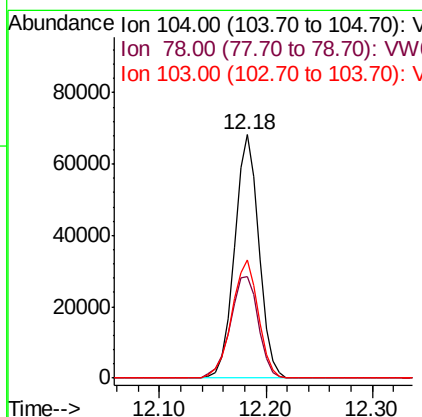
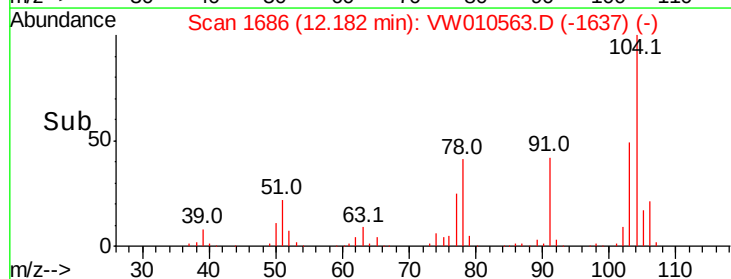
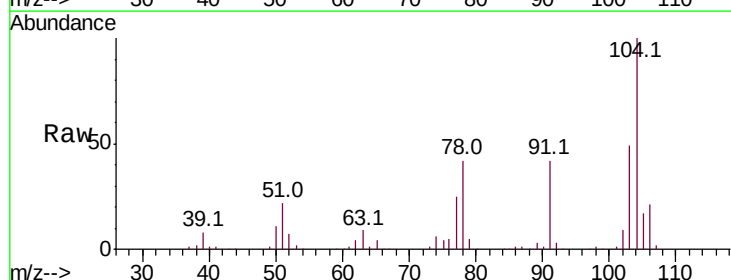
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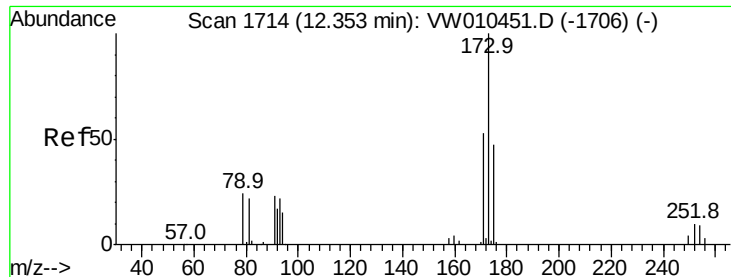
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#70
Styrene
Concen: 20.634 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion:104 Resp: 109259
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 52.9 43.0 64.6





#71

Bromoform

Concen: 20.351 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion:173 Resp: 19096

Ion Ratio Lower Upper

173 100

175 47.8 24.4 73.4

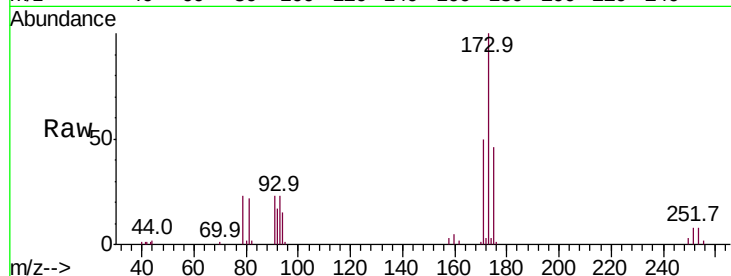
254 0.0 0.0 0.0

Manual Integrations

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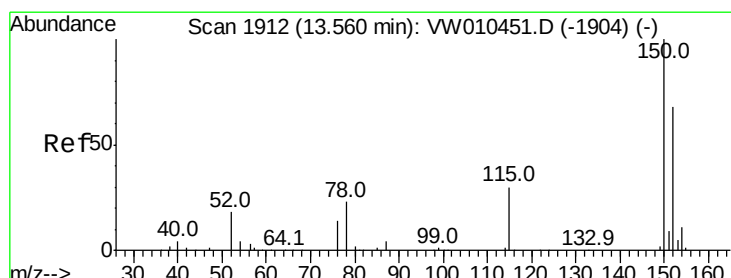
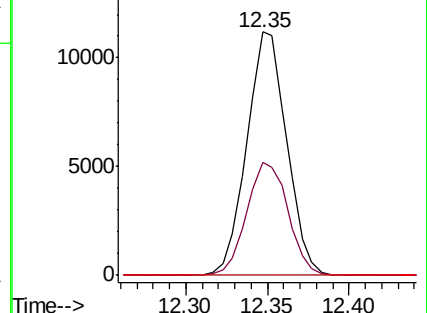
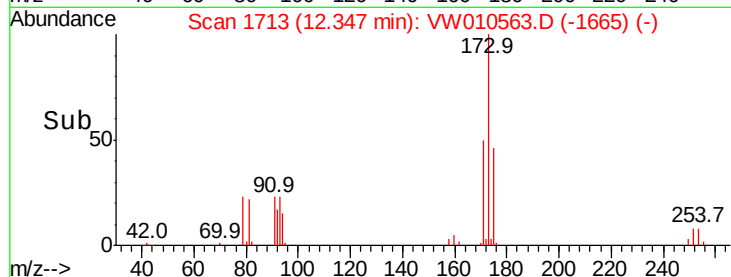
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Abundance Ion 172.70 (172.40 to 173.40): V

15000 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: VW010563.D

Acq: 28 May 2019 13:23

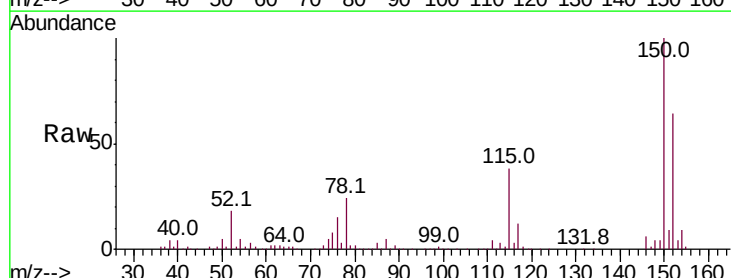
Tgt Ion:152 Resp: 111125

Ion Ratio Lower Upper

152 100

115 59.4 30.3 91.0

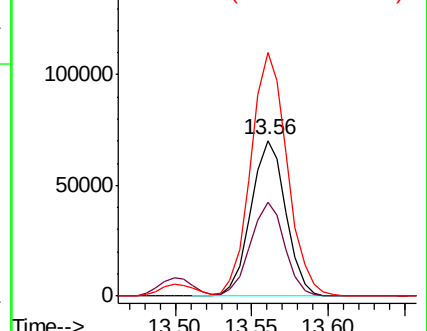
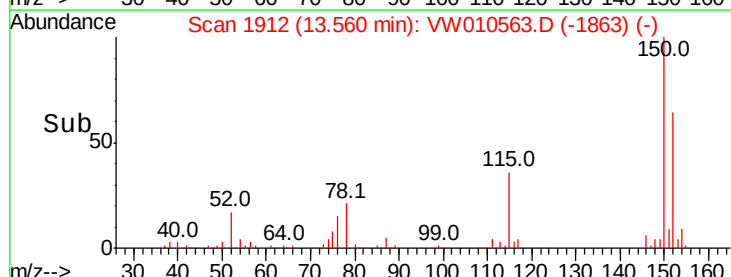
150 164.2 0.0 349.8

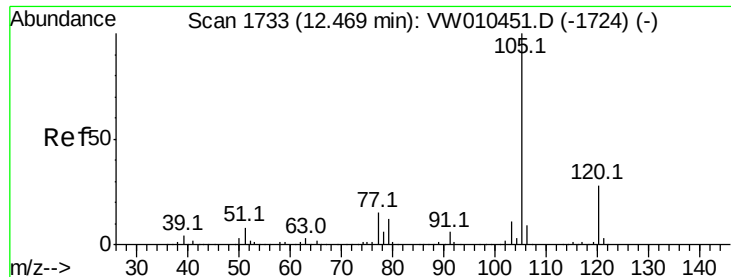


Abundance Ion 151.90 (151.60 to 152.60): V

150000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





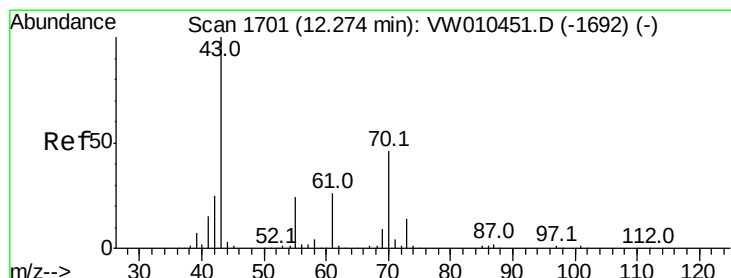
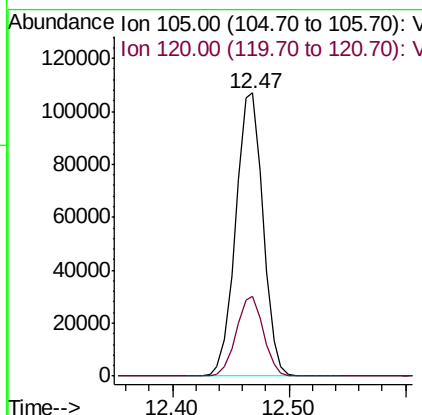
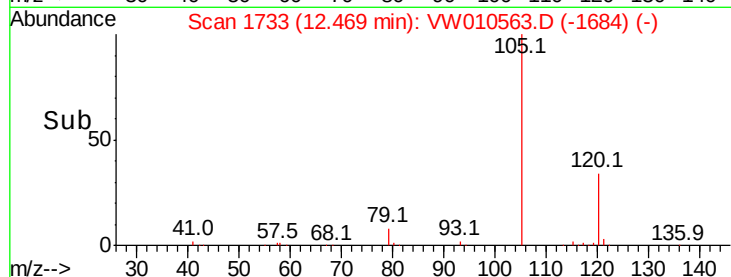
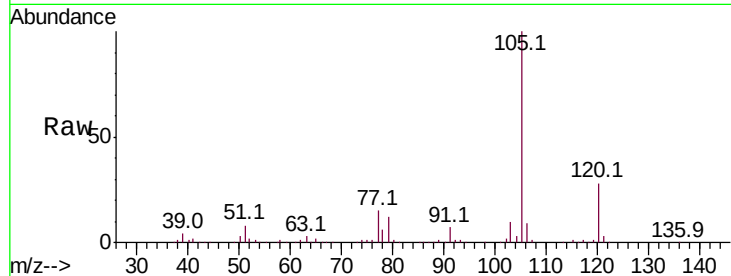
#73
Isopropylbenzene
Concen: 19.766 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBS01

Tot Ion: 105 Resp: 174297
Ion Ratio Lower Upper
105 100
120 28.1 13.9 41.7

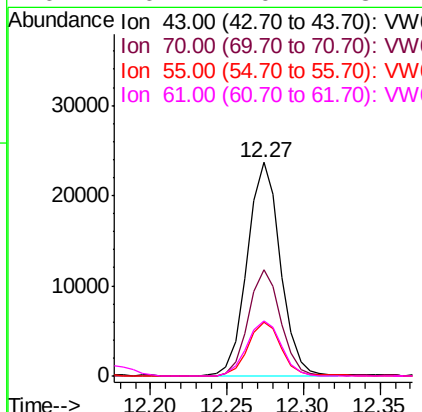
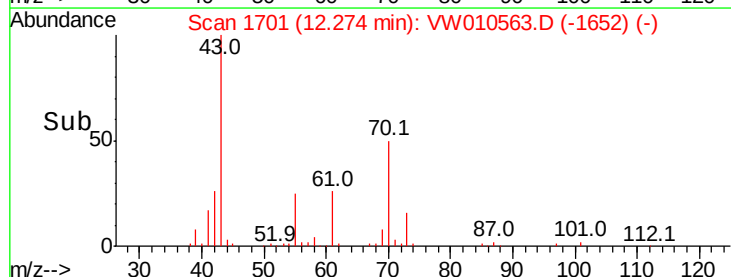
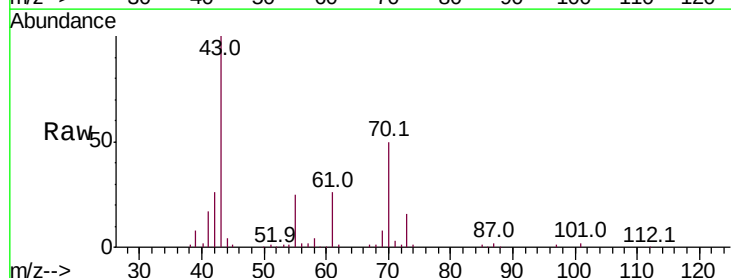
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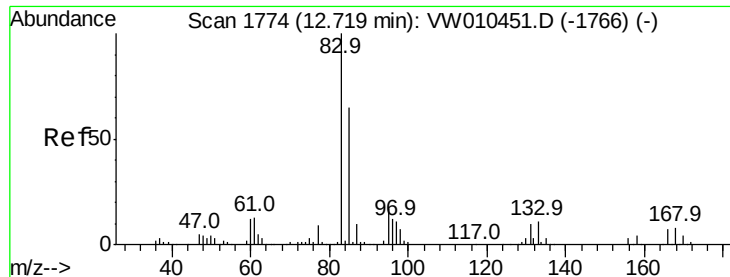
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#74
N-ethyl acetate
Concen: 17.661 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion: 43 Resp: 35688
Ion Ratio Lower Upper
43 100
70 48.5 37.1 55.7
55 25.3 19.6 29.4
61 26.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.726 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

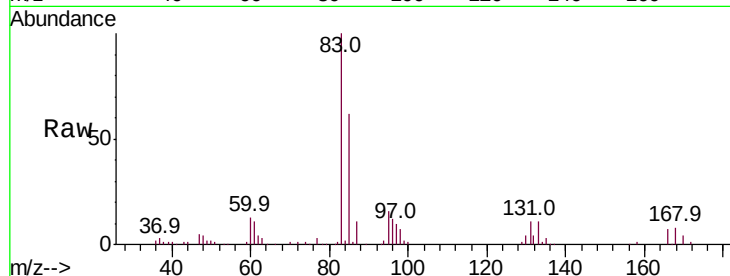
ClientSampleId :

VW0528SBS01

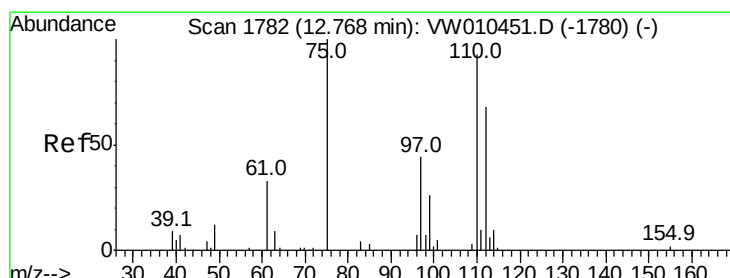
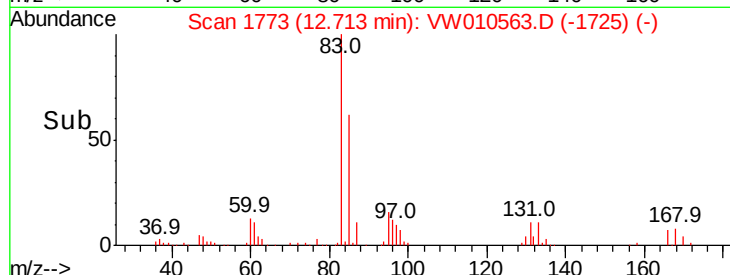
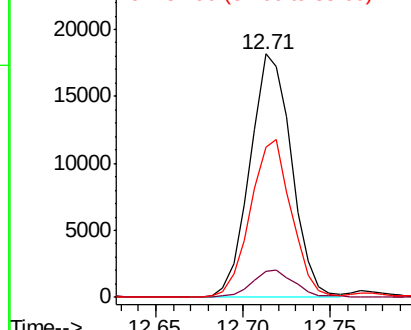
Tot Ion:	83	Resp:	30035
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.6	16.8
85	63.7	32.4	97.0

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 15.119 ug/l m

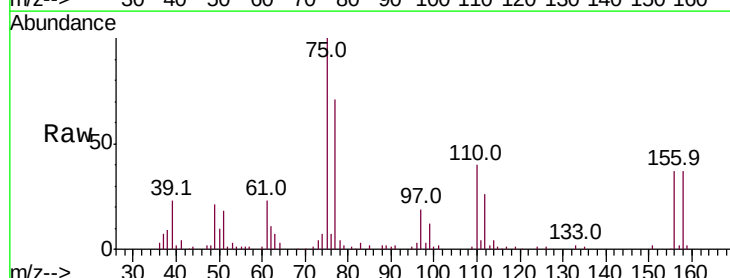
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

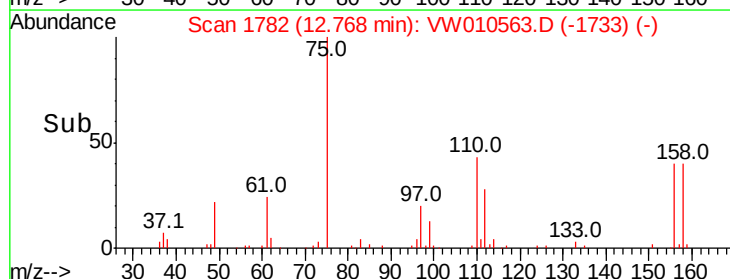
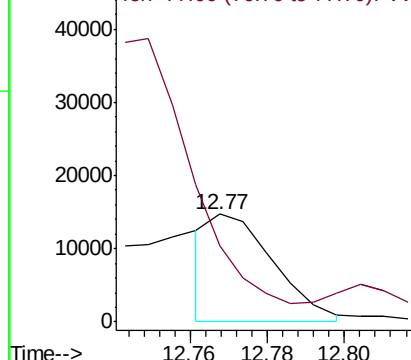
Lab File: VW010563.D

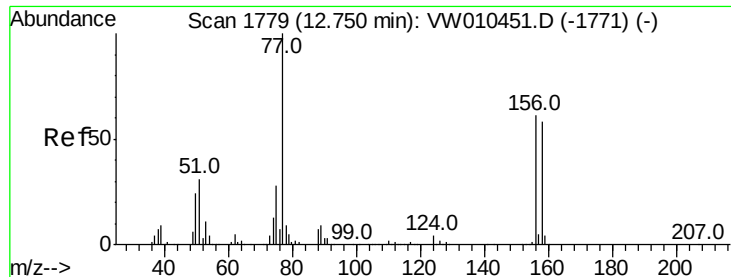
Acq: 28 May 2019 13:23

Tgt Ion:	75	Resp:	17054
Ion Ratio	Lower	Upper	
75	100		
77	424.4	170.0	510.1



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.564 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion:156 Resp: 42553

Ion Ratio Lower Upper

156 100

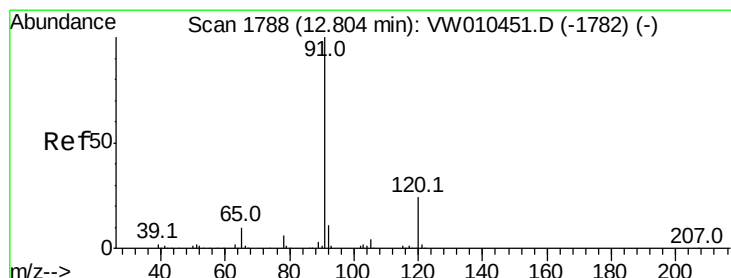
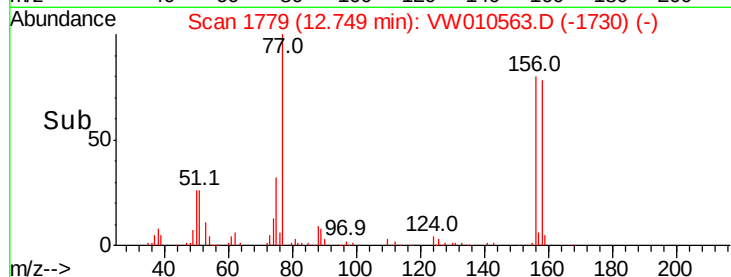
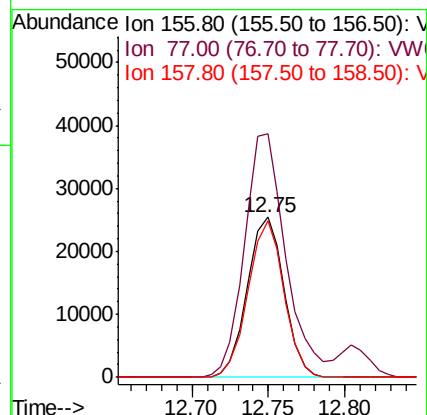
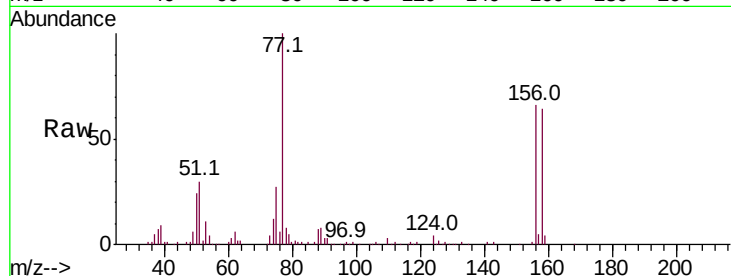
77 170.1 92.4 277.2

158 95.1 48.3 144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.363 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010563.D

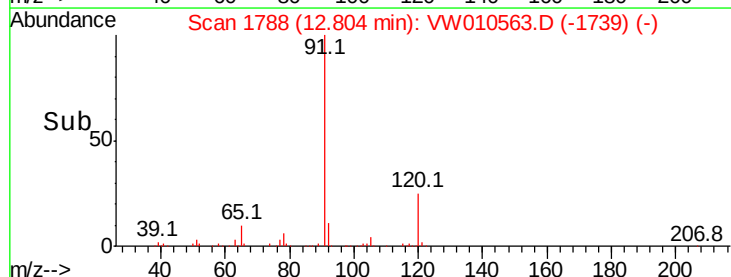
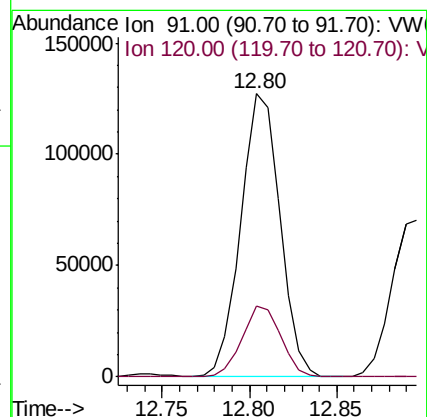
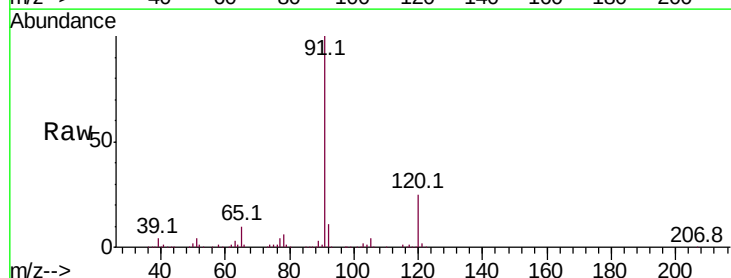
Acq: 28 May 2019 13:23

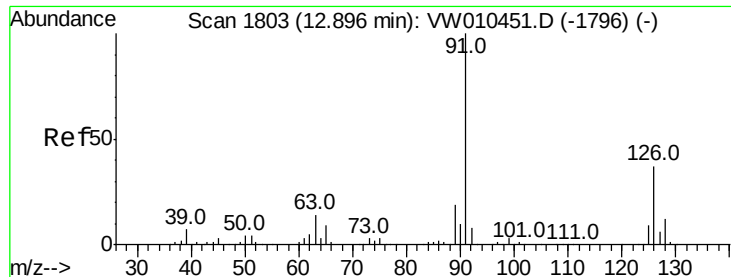
Tgt Ion: 91 Resp: 198979

Ion Ratio Lower Upper

91 100

120 24.8 12.3 36.8





#79

2-Chlorotoluene

Concen: 19.617 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0528SBS01

Tot Ion: 91 Resp: 116906

Ion Ratio Lower Upper

91 100

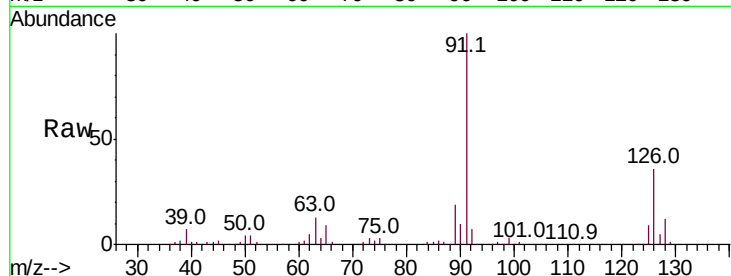
126 35.9 17.4 52.3

Manual Integrations

APPROVED

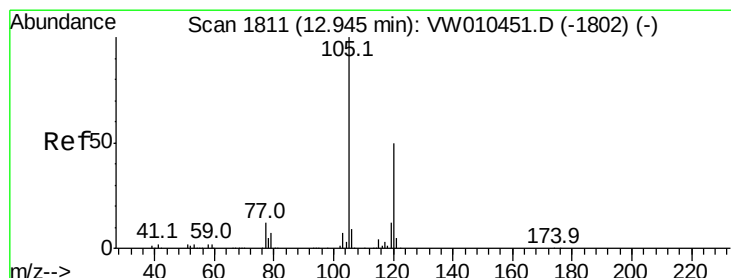
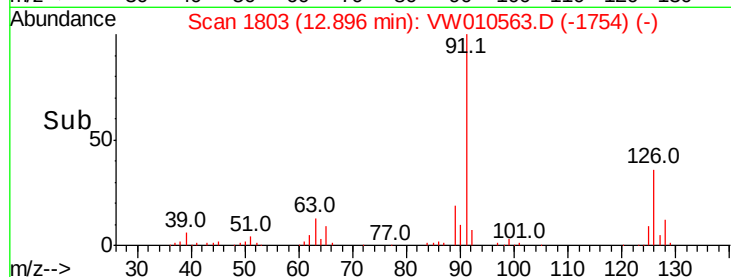
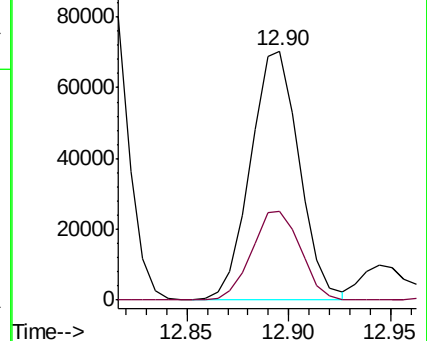
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.634 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010563.D

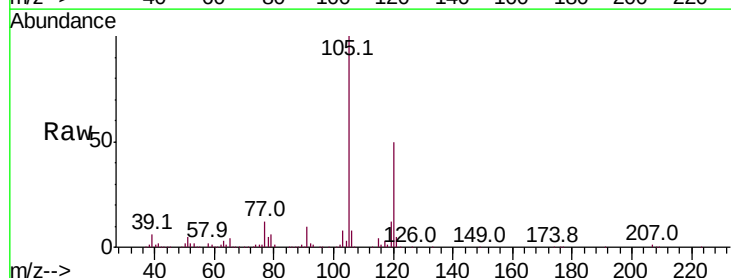
Acq: 28 May 2019 13:23

Tgt Ion:105 Resp: 146633

Ion Ratio Lower Upper

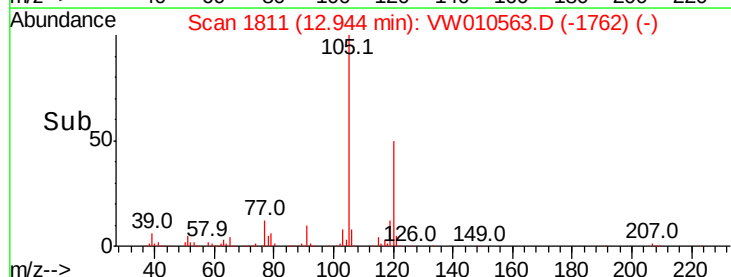
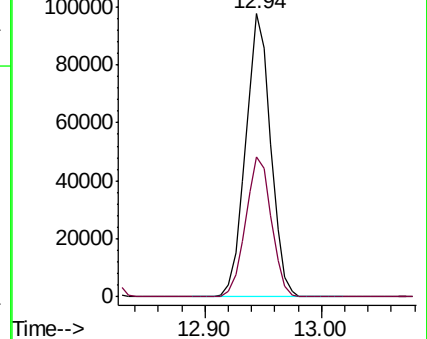
105 100

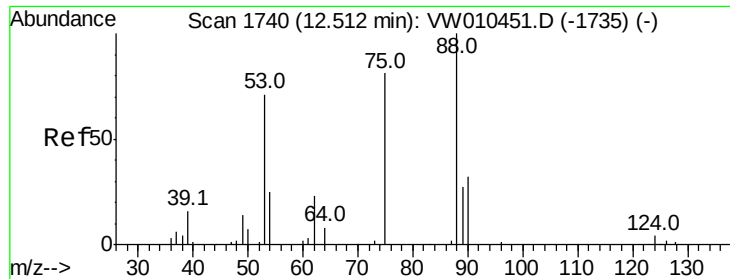
120 50.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





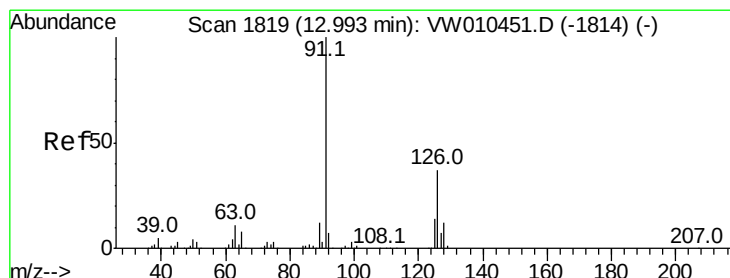
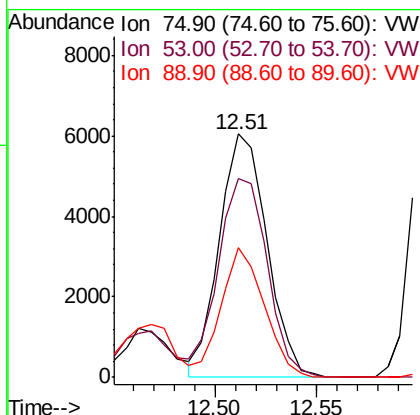
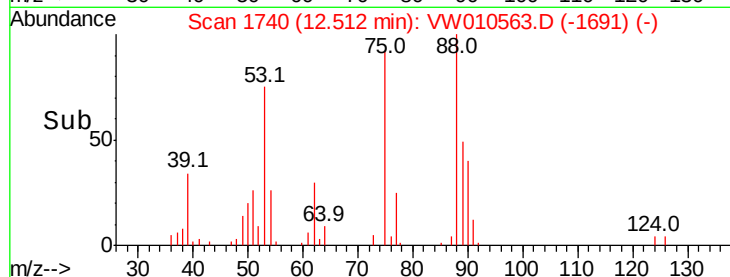
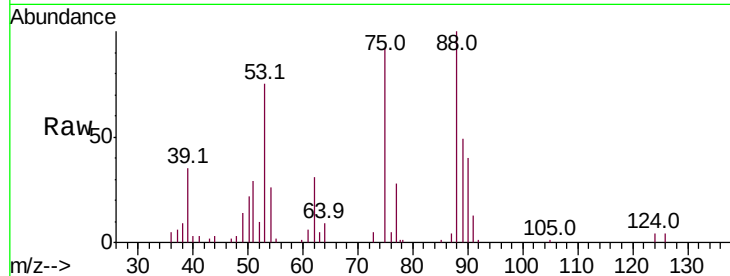
#81
trans-1,4-Dichloro-2-butene
Concen: 18.106 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.0	69.8	104.8
89	48.7	39.5	59.3

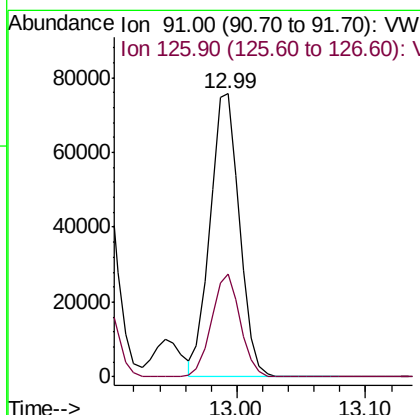
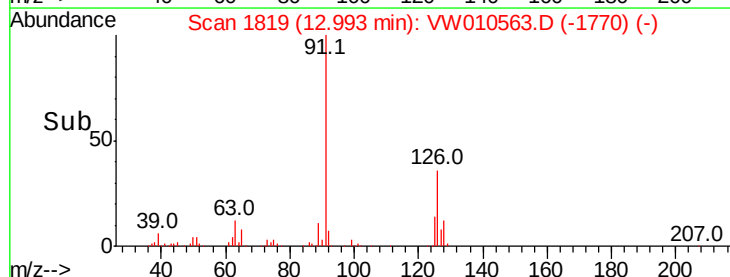
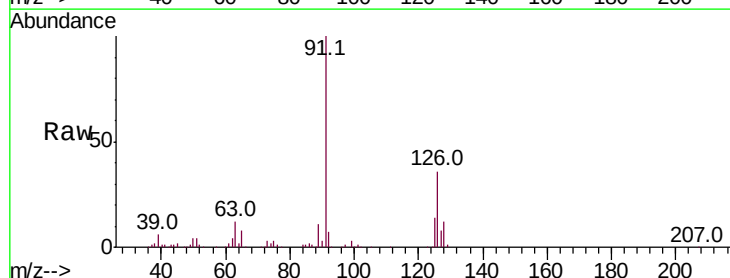
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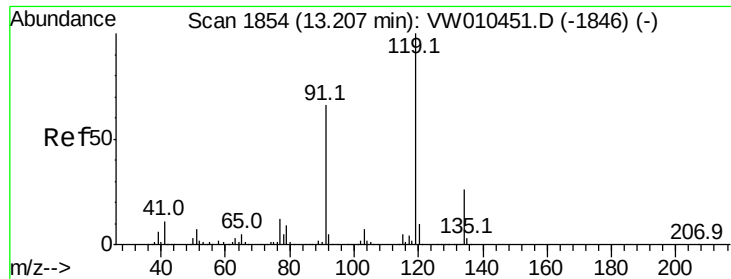
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#82
4-Chlorotoluene
Concen: 19.628 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.5	52.6





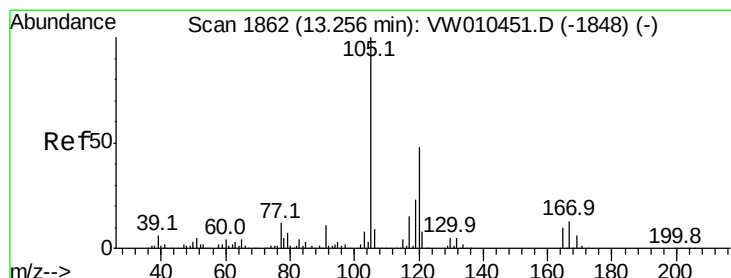
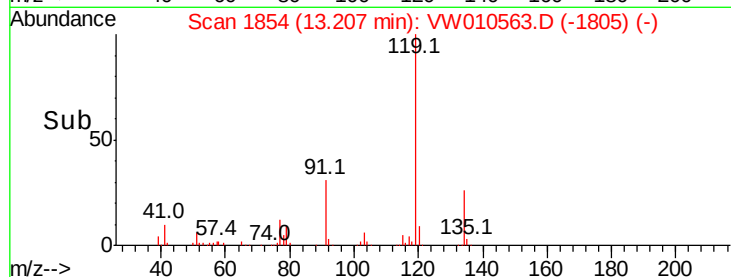
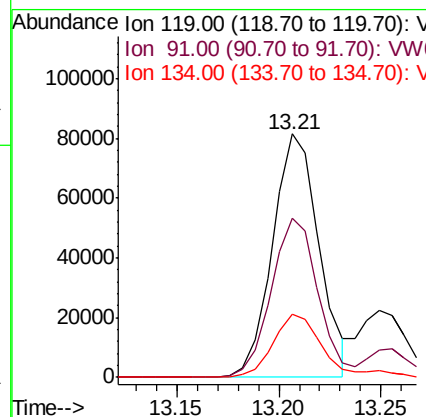
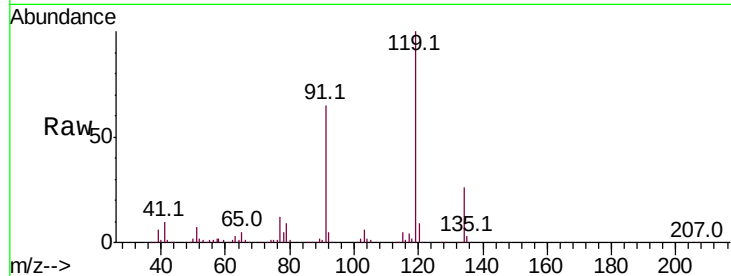
#83
 tert-Butylbenzene
 Concen: 19.820 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0528SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	129300		
91	66.1	33.1	99.5	
134	28.1	13.9	41.6	

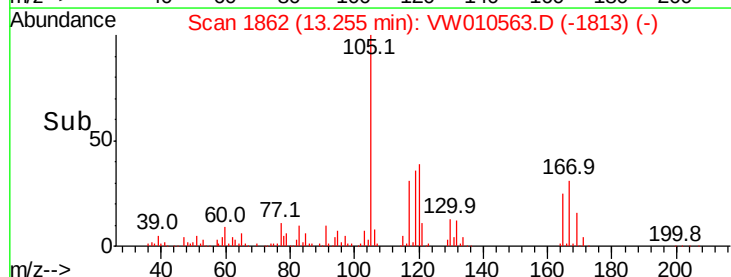
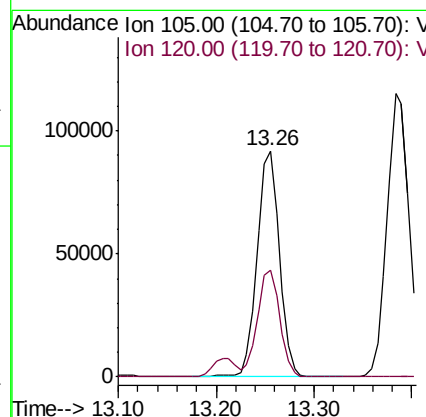
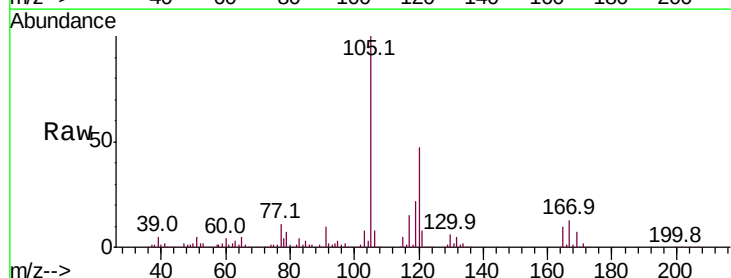
Manual Integrations
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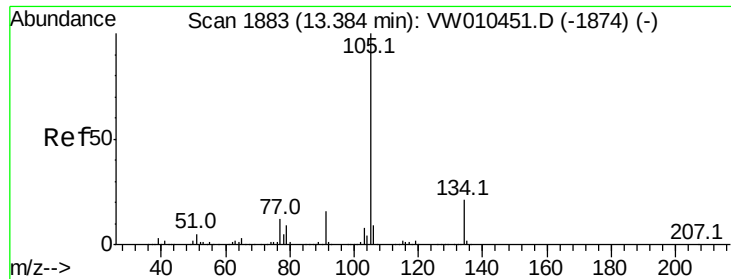
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.500 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	145049		
120	47.5	23.4	70.2	





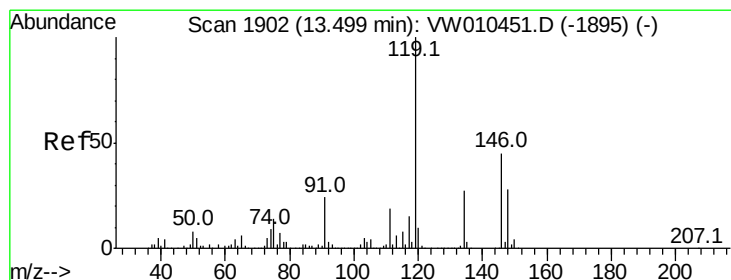
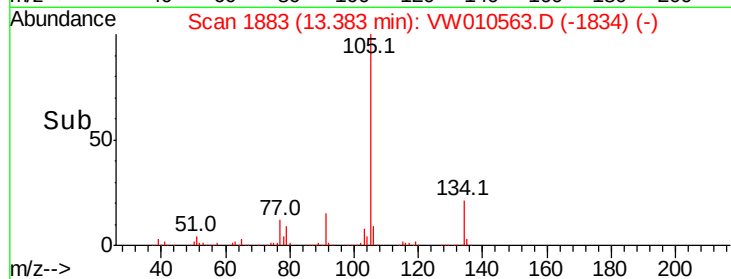
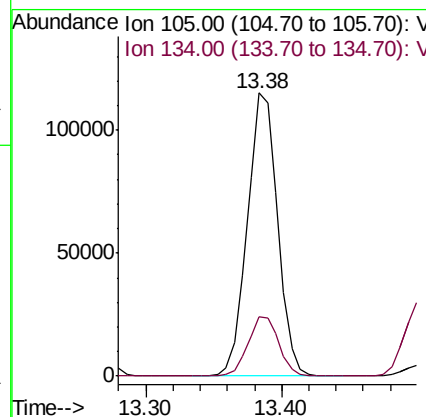
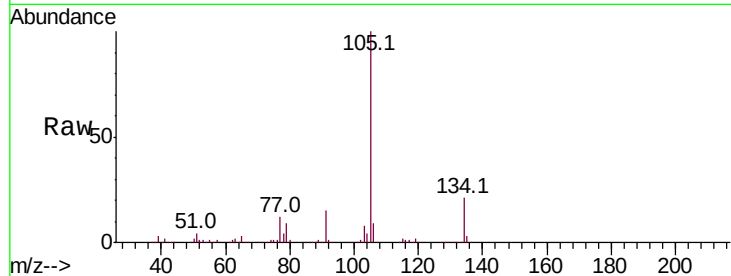
#85
 sec-Butylbenzene
 Concen: 19.597 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0528SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.6

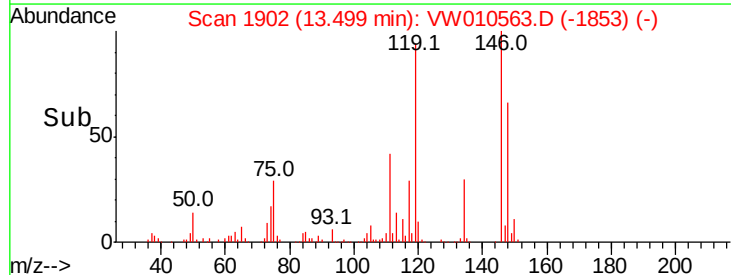
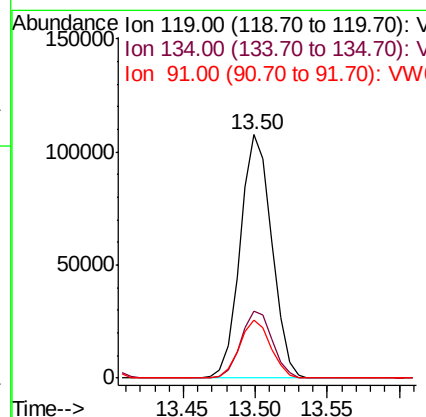
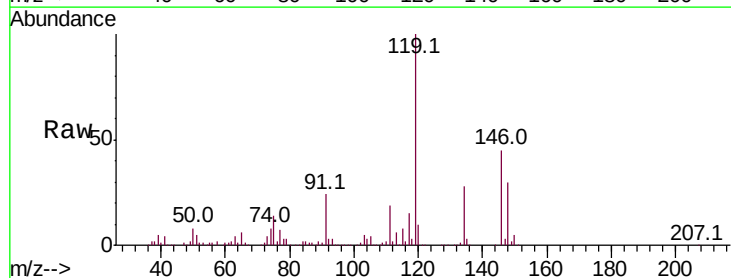
Manual Integrations
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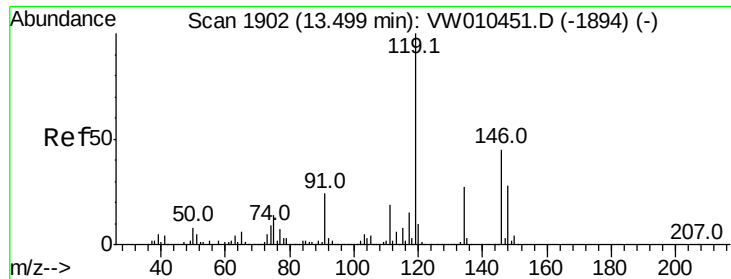
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 5/29/2019 11:05:36 AM



#86
 p-Isopropyltoluene
 Concen: 19.821 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.6	40.7
91	23.4	11.9	35.7





#87

1,3-Dichlorobenzene

Concen: 20.594 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

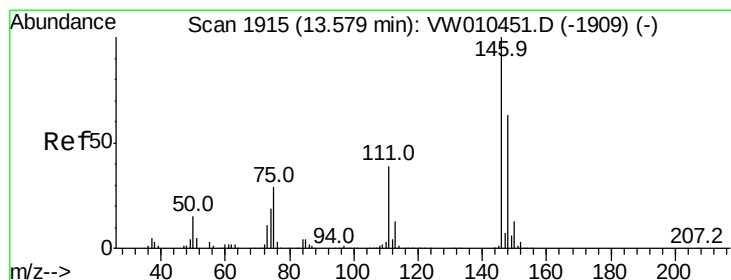
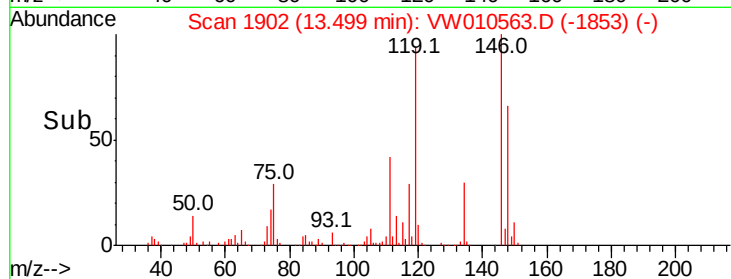
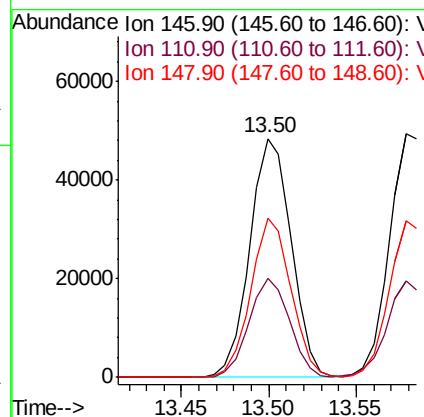
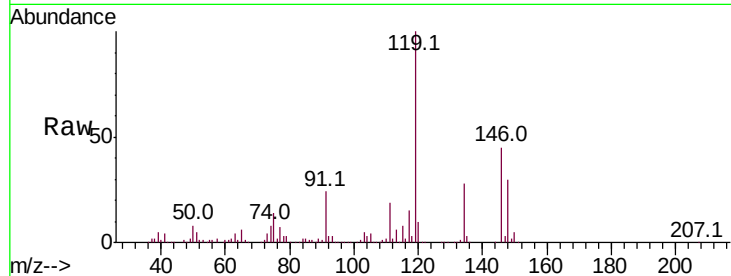
Instrument :
MSVOA_W

ClientSampleId :
VW0528SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	64.7	31.6	94.8

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#88

1,4-Dichlorobenzene

Concen: 20.662 ug/l

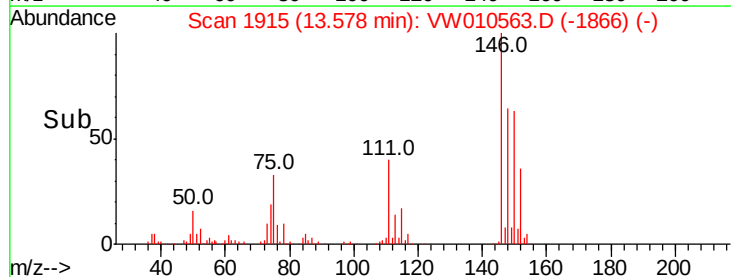
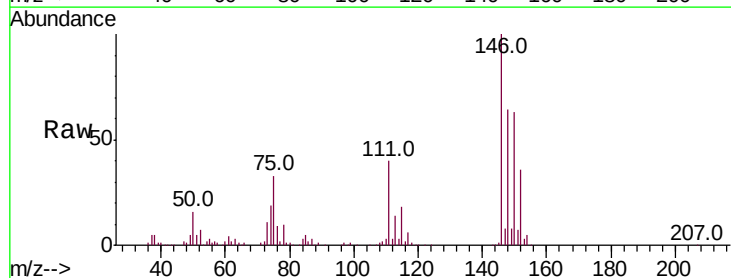
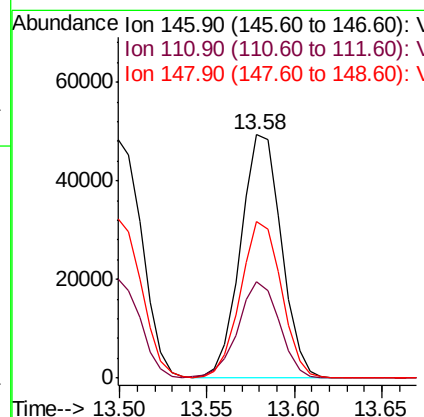
RT: 13.58 min Scan# 1915

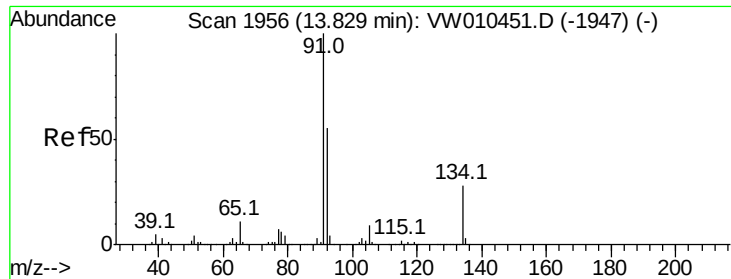
Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.6
148	64.5	31.6	94.8





#89

n-Butylbenzene

Concen: 19.199 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Instrument :

MSVOA_W

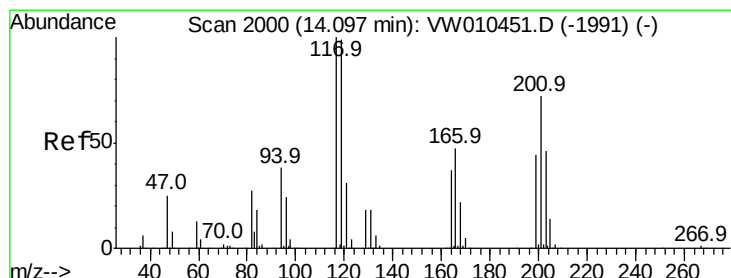
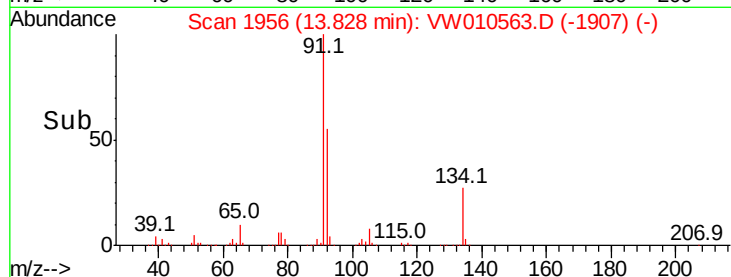
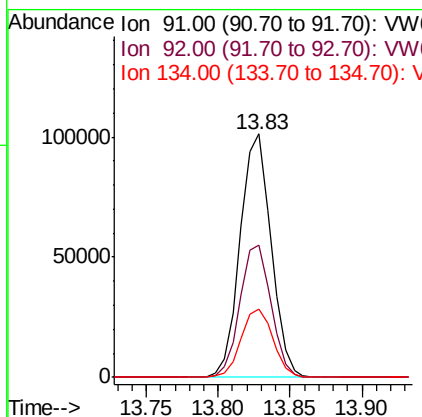
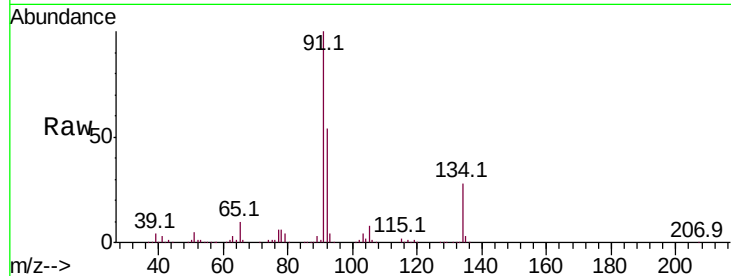
ClientSampleId :

VW0528SBS01

Tot Ion:	91	Resp:	150903
Ion Ratio	Lower	Upper	
91	100		
92	54.8	27.7	83.1
134	28.9	13.9	41.6

Manual Integrations
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#90

Hexachloroethane

Concen: 19.565 ug/l

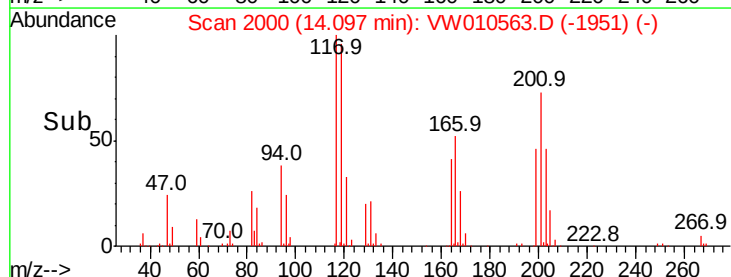
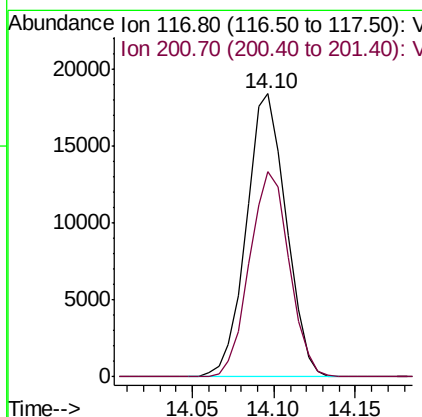
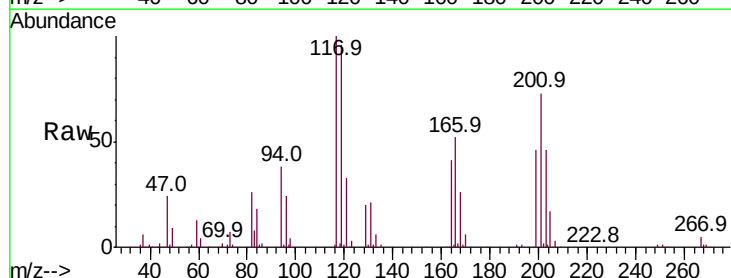
RT: 14.10 min Scan# 2000

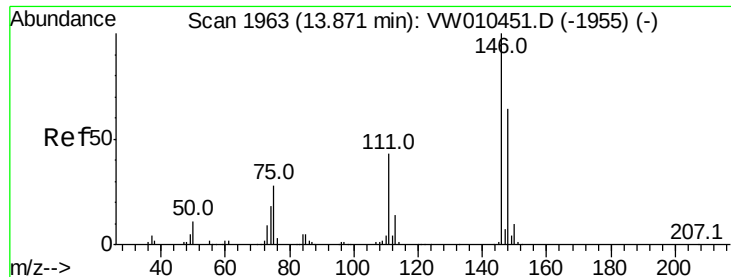
Delta R.T. -0.00 min

Lab File: VW010563.D

Acq: 28 May 2019 13:23

Tgt Ion:	117	Resp:	31293
Ion Ratio	Lower	Upper	
117	100		
201	72.3	34.6	103.8





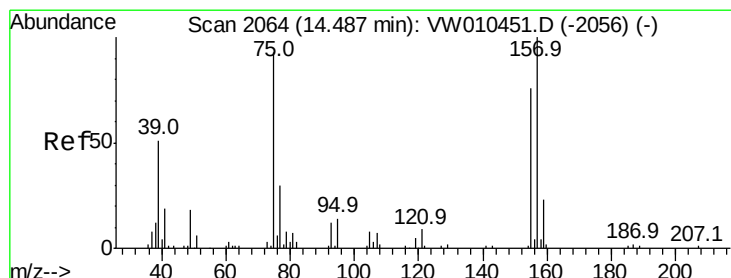
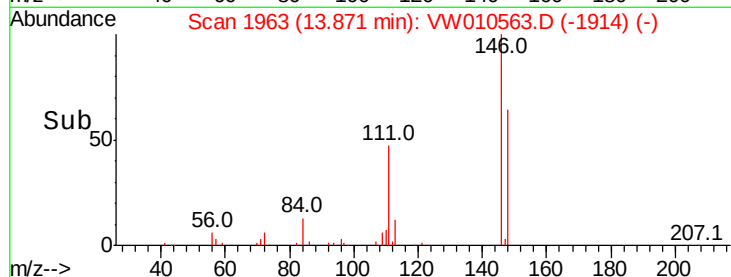
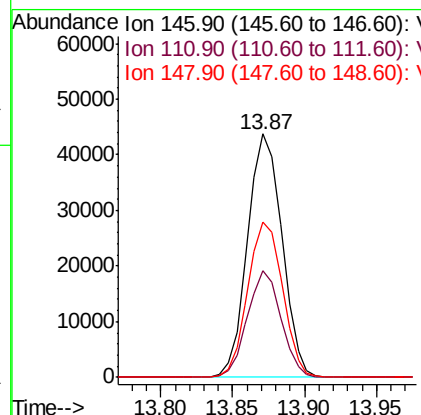
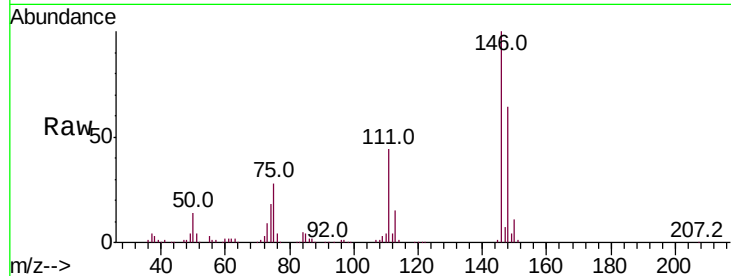
#91
1,2-Dichlorobenzene
Concen: 20.551 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	64.0
148	64.3	32.0	96.0

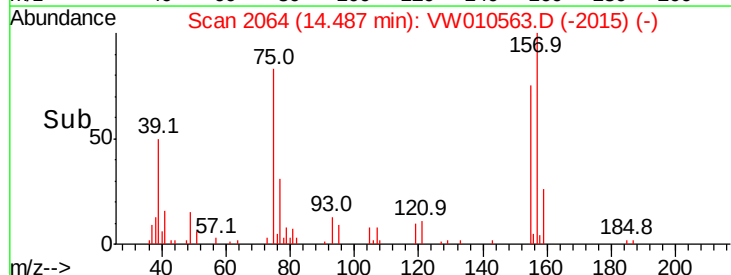
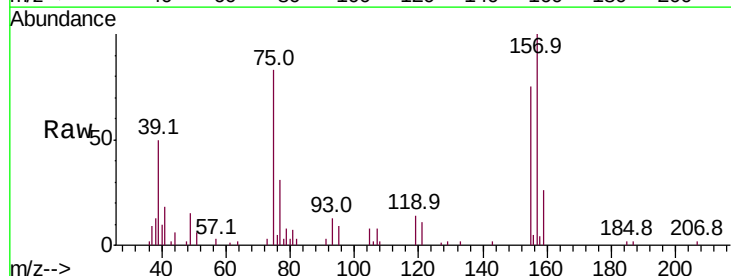
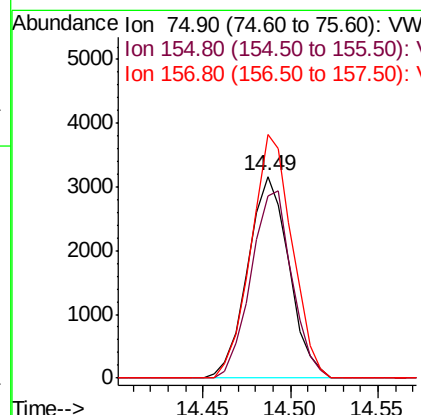
Manual Integrations
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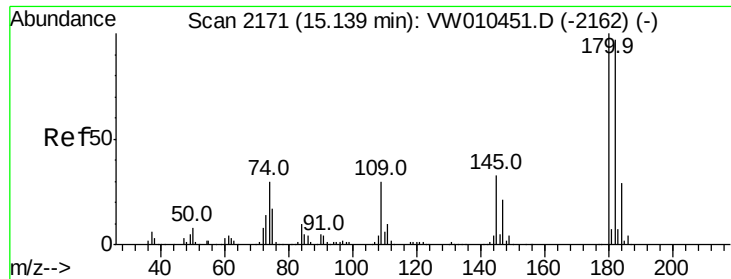
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#92
1,2-Dibromo-3-Chloropropane
Concen: 17.422 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	43.0	129.0
157	120.1	55.7	167.1





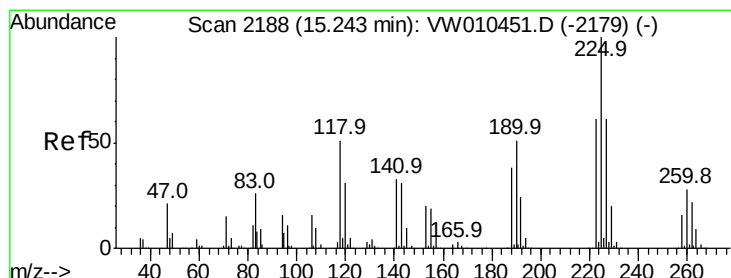
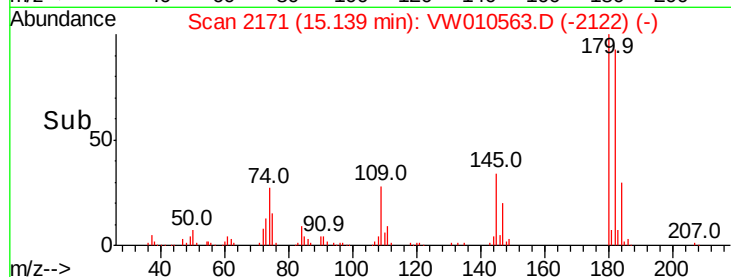
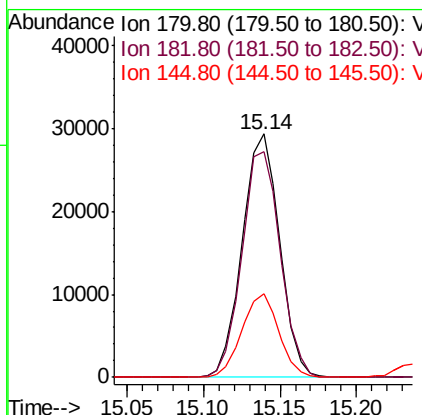
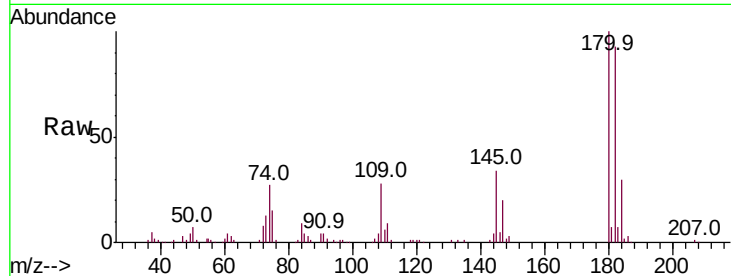
#93
 1,2,4-Trichlorobenzene
 Concen: 20.817 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0528SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	47.0	141.2	
145	33.8	16.7	50.0	

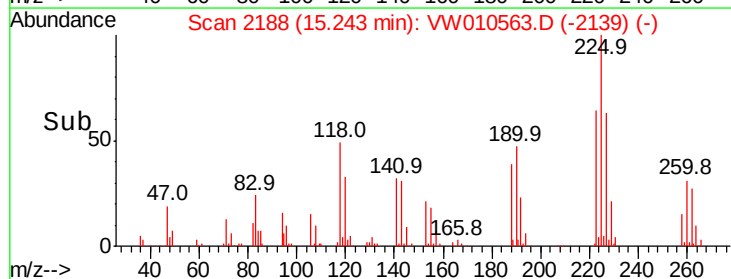
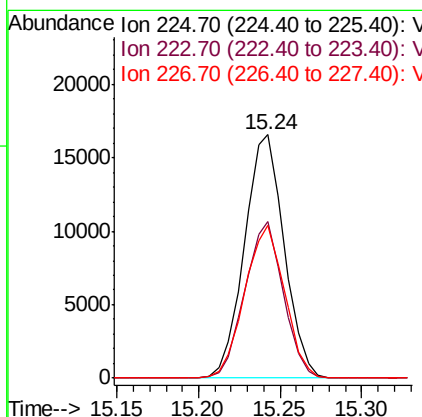
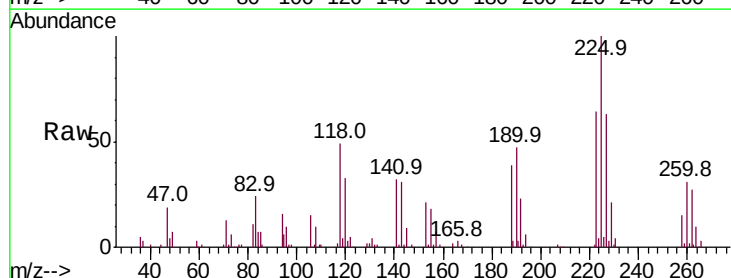
Manual Integrations
 APPROVED

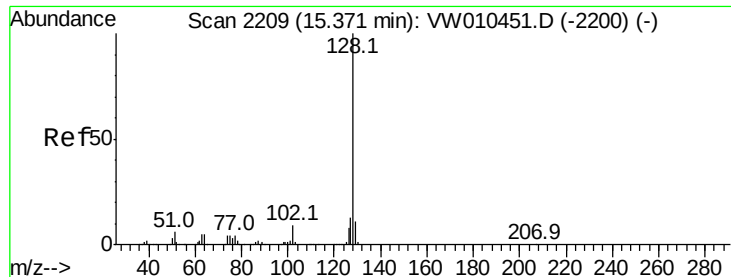
MMDadoda
 5/29/2019 11:05:36 AM



#94
 Hexachlorobutadiene
 Concen: 21.775 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010563.D
 Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	31.1	93.2	
227	62.9	31.1	93.5	





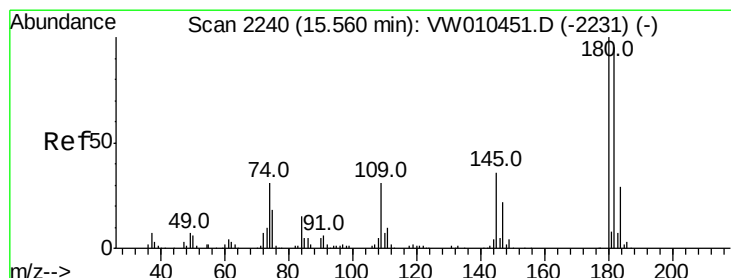
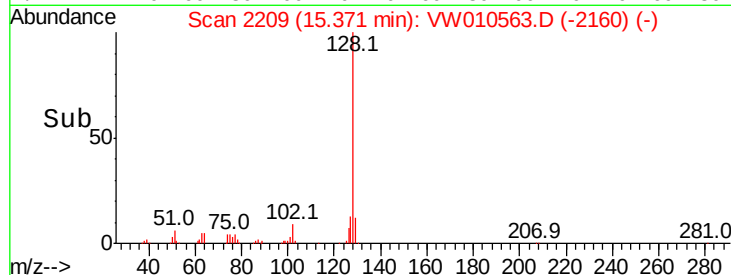
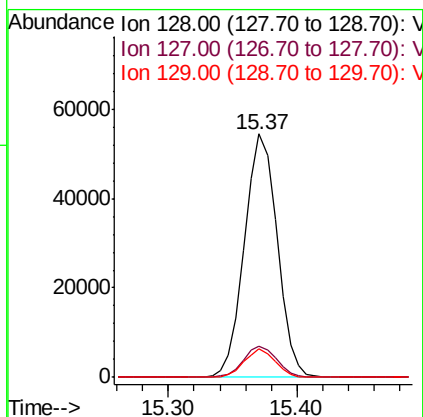
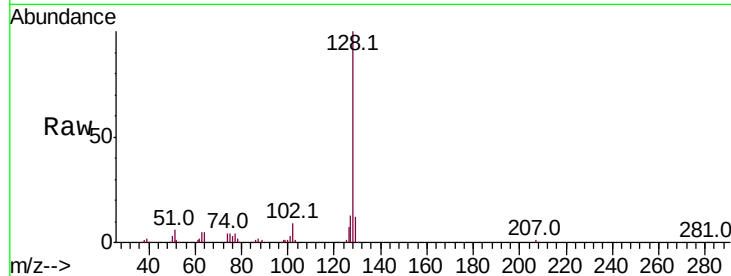
#95
Naphthalene
Concen: 18.997 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.2	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/29/2019 11:05:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.867 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010563.D
Acq: 28 May 2019 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	34.2	17.4	52.3

