

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011222.D
 Acq On : 11 Jul 2019 12:02
 Operator : SY/VA
 Sample : VW0712SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 2:05:59 PM

Quant Time: Jul 12 08:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127654	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.88	113	100688	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.32	98	411256	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
62) 4-Bromofluorobenzene	12.62	95	150406	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33612	20.324	ug/l	99
3) Chloromethane	2.21	50	43421	20.376	ug/l	96
4) Vinyl Chloride	2.36	62	55656	19.954	ug/l	97
5) Bromomethane	2.77	94	27614	19.702	ug/l	91
6) Chloroethane	2.92	64	29230	19.456	ug/l	99
7) Trichlorofluoromethane	3.24	101	17076	17.233	ug/l	97
8) Diethyl Ether	3.67	74	26333	19.207	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	46374	19.539	ug/l	99
10) Methyl Iodide	4.27	142	62669	19.198	ug/l	99
11) Tert butyl alcohol	5.17	59	19430	94.187	ug/l	100
12) 1,1-Dichloroethene	4.03	96	47348	19.221	ug/l	95
13) Acrolein	3.89	56	12133	73.861	ug/l	100
14) Allyl chloride	4.66	41	84296	18.765	ug/l	99
15) Acrylonitrile	5.36	53	66845	95.734	ug/l	99
16) Acetone	4.12	43	68797	102.617	ug/l	99
17) Carbon Disulfide	4.38	76	132443	17.734	ug/l	98
18) Methyl Acetate	4.67	43	44778	22.716	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	72868	19.495	ug/l	100
20) Methylene Chloride	4.91	84	54241	20.509	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49682	19.409	ug/l	95
22) Diisopropyl ether	6.31	45	192151	19.888	ug/l	99
23) Vinyl Acetate	6.25	43	556299	93.037	ug/l	100
24) 1,1-Dichloroethane	6.21	63	98035	19.323	ug/l	99
25) 2-Butanone	7.17	43	100569	95.563	ug/l	100
26) 2,2-Dichloropropane	7.16	77	49434	18.745	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	53256	19.287	ug/l	100
28) Bromochloromethane	7.51	49	43437	18.829	ug/l	100
29) Tetrahydrofuran	7.52	42	66179	95.903	ug/l	99
30) Chloroform	7.67	83	91139	19.397	ug/l	98
31) Cyclohexane	7.95	56	103355	19.149	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	68574	19.186	ug/l	99
36) 1,1-Dichloropropene	8.08	75	74567	19.405	ug/l	99
37) Ethyl Acetate	7.25	43	45348	19.641	ug/l	99
38) Carbon Tetrachloride	8.06	117	61856	18.988	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	91231	19.588	ug/l	98
40) Benzene	8.32	78	207711	19.559	ug/l	98
41) Methacrylonitrile	7.48	41	26419	20.007	ug/l	95
42) 1,2-Dichloroethane	8.40	62	67535	19.604	ug/l	100
43) Isopropyl Acetate	8.42	43	83216	19.090	ug/l	99
44) Trichloroethene	9.09	130	49782	19.480	ug/l	95
45) 1,2-Dichloropropane	9.37	63	56742	19.731	ug/l	100
46) Dibromomethane	9.46	93	26377	19.525	ug/l	98
47) Bromodichloromethane	9.64	83	65347	18.905	ug/l	99
48) Methyl methacrylate	9.43	41	39824	18.990	ug/l	97
49) 1,4-Dioxane	9.45	88	9313	413.007	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	221819	97.415	ug/l	99
52) Toluene	10.38	92	127626	19.811	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	68089	18.506	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	81409	18.798	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37627	19.633	ug/l	97
56) Ethyl methacrylate	10.65	69	55820	19.131	ug/l	99
57) 1,3-Dichloropropane	10.93	76	71614	19.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	136555	100.950	ug/l	100
59) 2-Hexanone	10.97	43	155747	98.628	ug/l	99
60) Dibromochloromethane	11.13	129	38787	18.456	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35801	19.721	ug/l	98
64) Tetrachloroethene	10.86	164	41969	19.355	ug/l	99
65) Chlorobenzene	11.66	112	127612	19.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44538	19.361	ug/l	98
67) Ethyl Benzene	11.73	91	245990	19.668	ug/l	99
68) m/p-Xylenes	11.84	106	178367	39.413	ug/l	100
69) o-Xylene	12.16	106	83499	19.576	ug/l	100
70) Styrene	12.18	104	144249	19.595	ug/l	99
71) Bromoform	12.35	173	21551	17.620	ug/l #	99
73) Isopropylbenzene	12.46	105	232765	19.509	ug/l	100
74) N-amyl acetate	12.27	43	80087	19.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46808	19.138	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31645m	17.156	ug/l	
77) Bromobenzene	12.74	156	51679	19.300	ug/l	99
78) n-propylbenzene	12.80	91	287535	19.563	ug/l	100
79) 2-Chlorotoluene	12.89	91	166101	19.639	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	198088	19.542	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13404	16.437	ug/l	96
82) 4-Chlorotoluene	12.99	91	174157	19.769	ug/l	99
83) tert-Butylbenzene	13.21	119	166950	19.749	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	200170	19.667	ug/l	99
85) sec-Butylbenzene	13.38	105	241868	19.828	ug/l	100
86) p-Isopropyltoluene	13.50	119	215496	19.697	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	103677	20.125	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	101256	19.518	ug/l	97
89) n-Butylbenzene	13.82	91	220798	20.230	ug/l	99
90) Hexachloroethane	14.09	117	36462	18.238	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	91588	19.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7778	17.929	ug/l	98

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MSVOA_W
ClientSampleId :
VW0712SBSD01

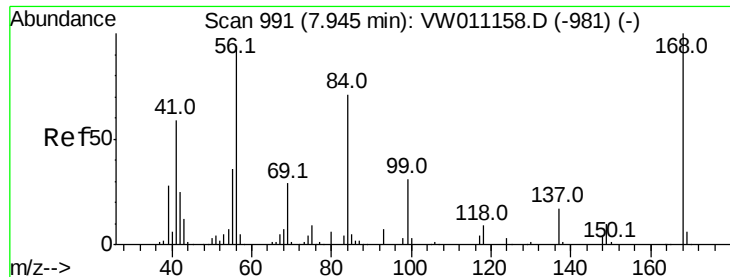
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66585	20.684	ug/l	98
94) Hexachlorobutadiene	15.24	225	40306	20.394	ug/l	99
95) Naphthalene	15.37	128	122746	19.898	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	58212	20.489	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. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion:168 Resp: 221747

Ion Ratio Lower Upper

168 100

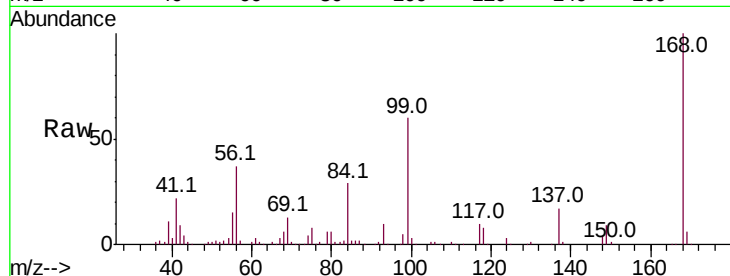
99 59.7 50.1 75.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

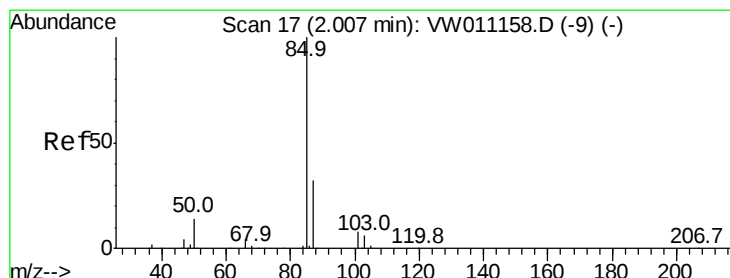
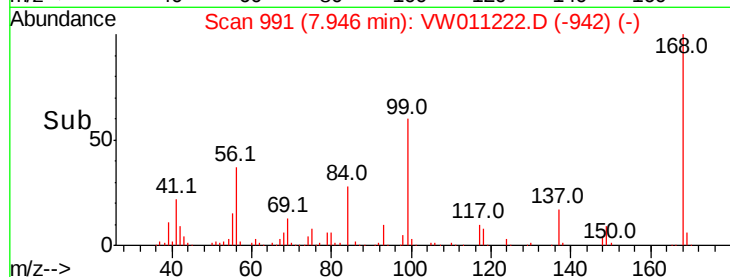
0

7.80

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.324 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011222.D

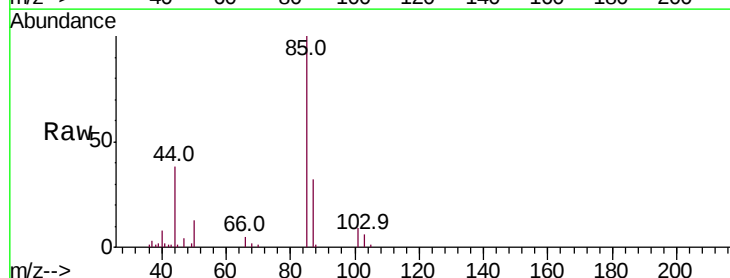
Acq: 11 Jul 2019 12:02

Tgt Ion: 85 Resp: 33612

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

12000

10000

8000

6000

4000

2000

0

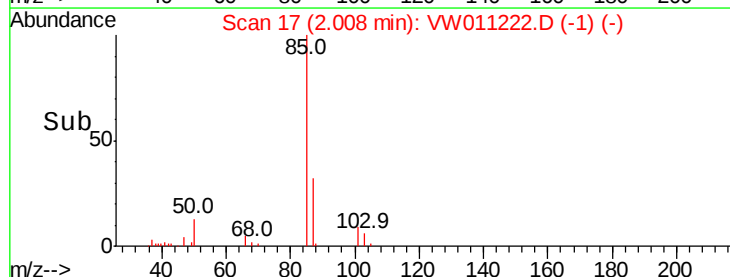
1.90

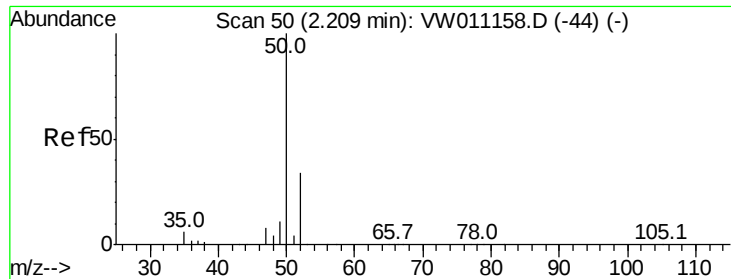
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 20.376 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

ClientSampled :

VW0712SBSD01

Tot Ion: 50 Resp: 43421

Ion Ratio Lower Upper

50 100

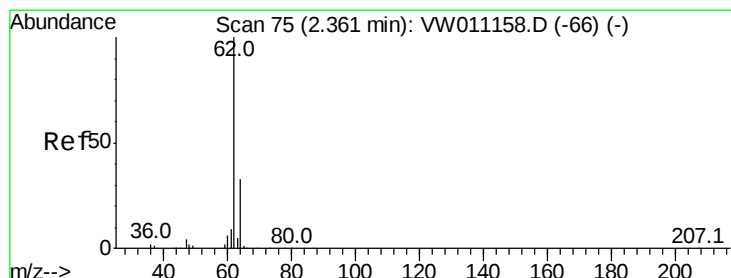
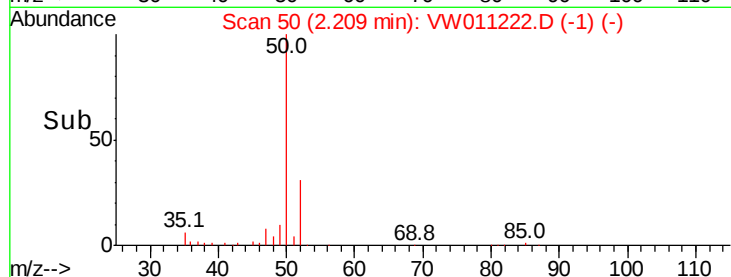
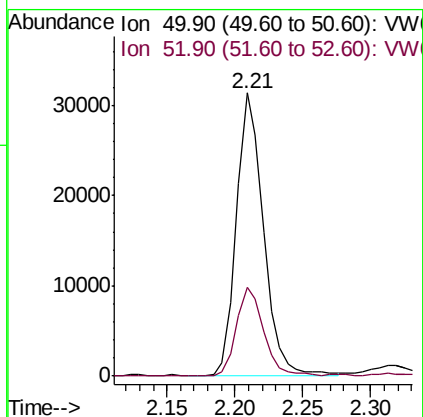
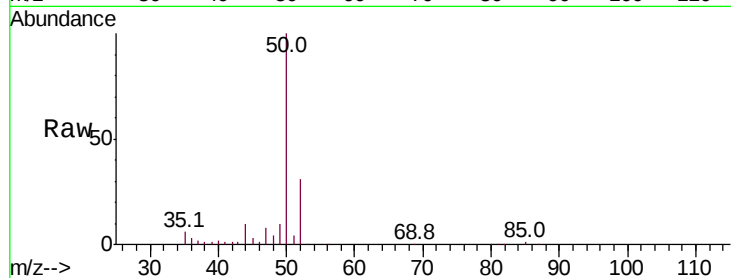
52 31.3 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.954 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011222.D

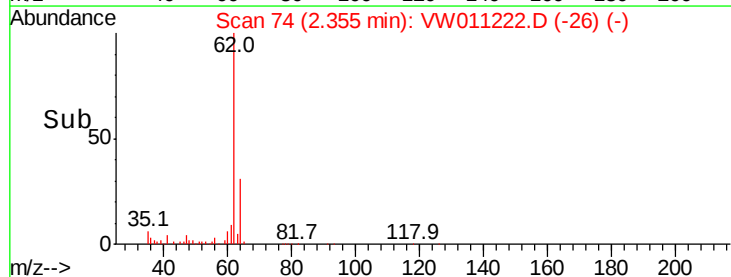
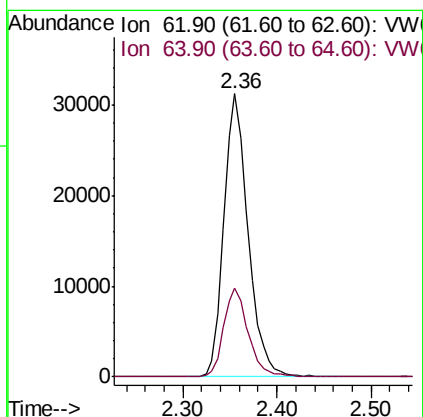
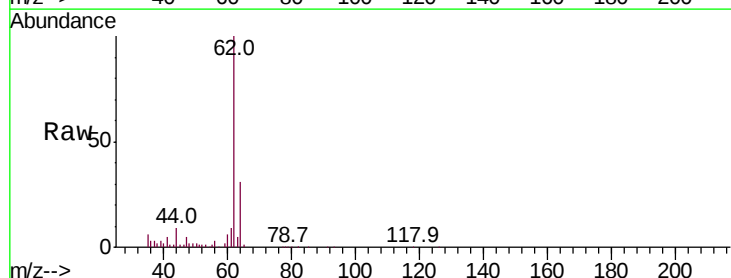
Acq: 11 Jul 2019 12:02

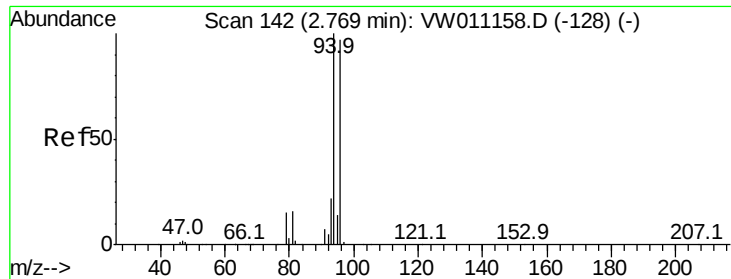
Tgt Ion: 62 Resp: 55656

Ion Ratio Lower Upper

62 100

64 31.4 26.6 40.0





#5

Bromomethane

Concen: 19.702 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 94 Resp: 27614

Ion Ratio Lower Upper

94 100

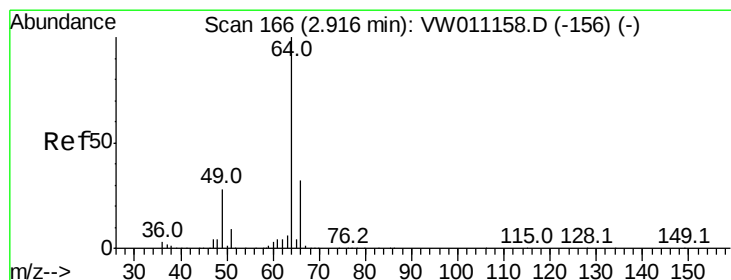
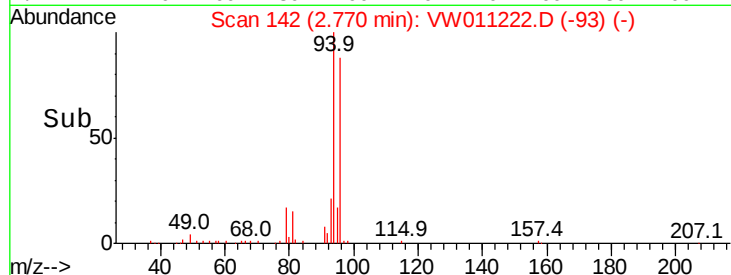
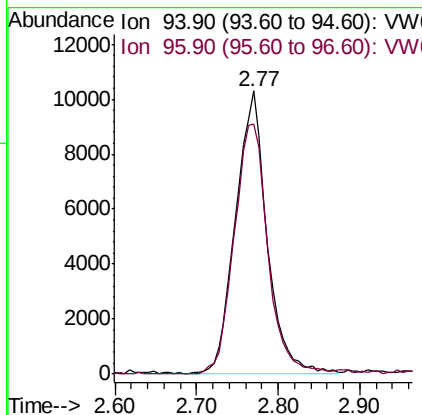
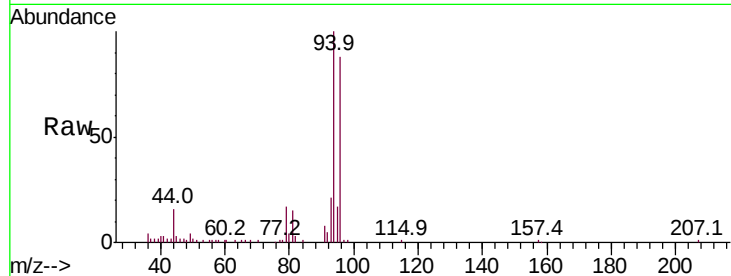
96 88.3 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 19.456 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011222.D

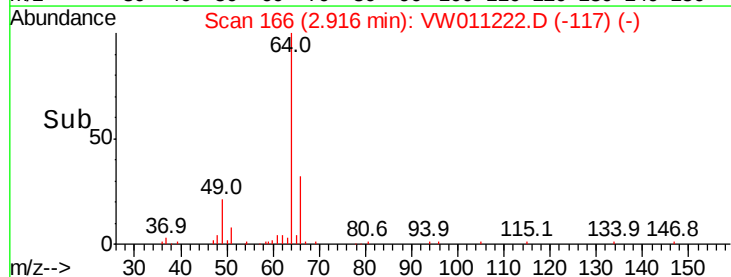
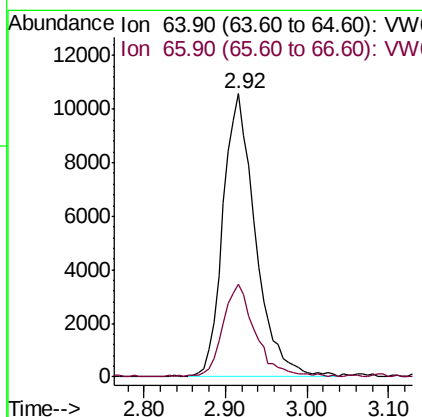
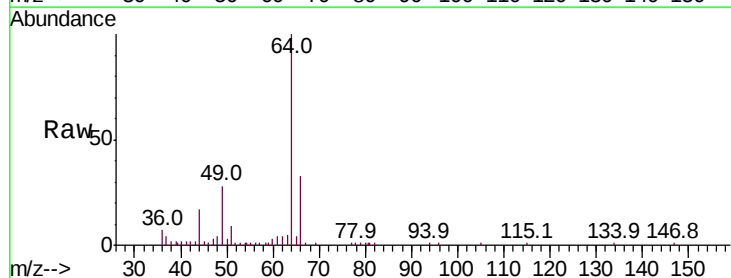
Acq: 11 Jul 2019 12:02

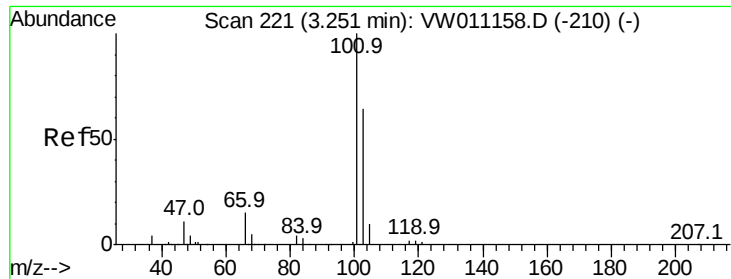
Tgt Ion: 64 Resp: 29230

Ion Ratio Lower Upper

64 100

66 33.0 25.8 38.8





#7

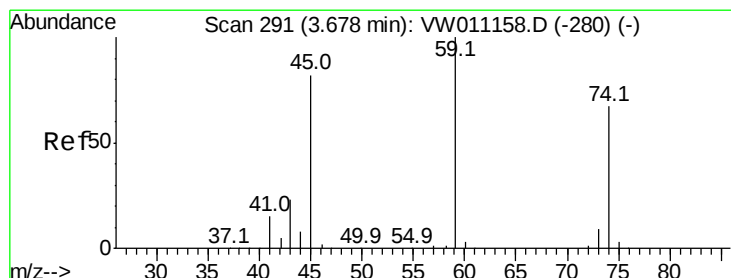
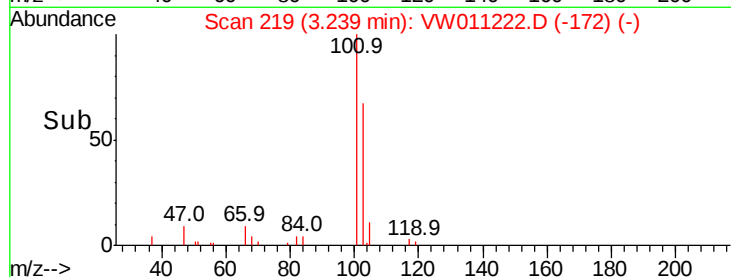
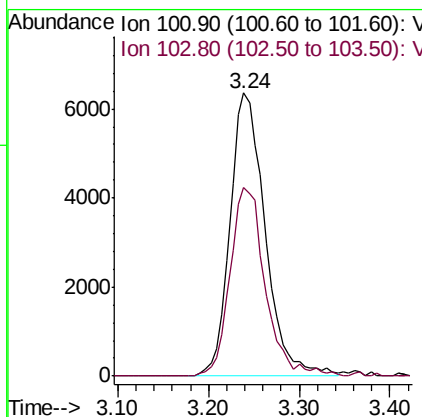
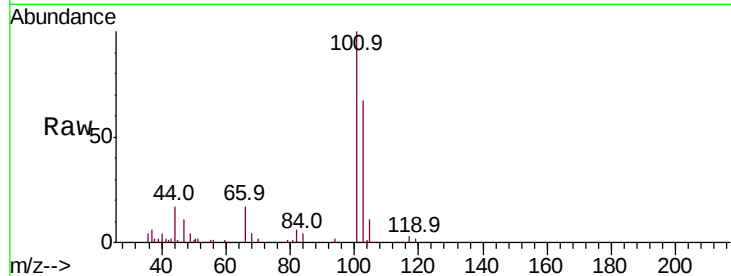
Trichlorofluoromethane
Concen: 17.233 ug/l
RT: 3.24 min Scan# 219
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
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ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.3	76.9

Manual Integrations
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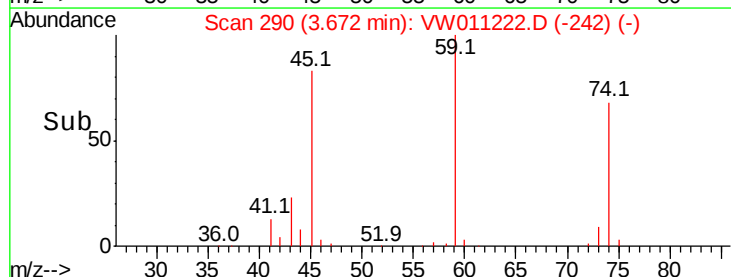
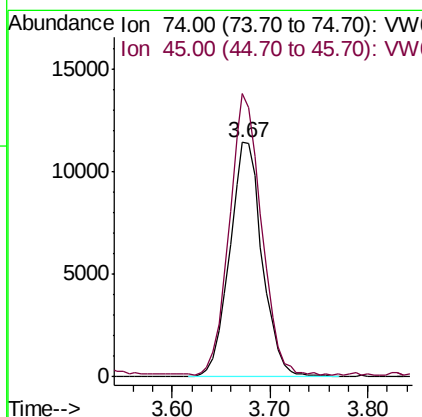
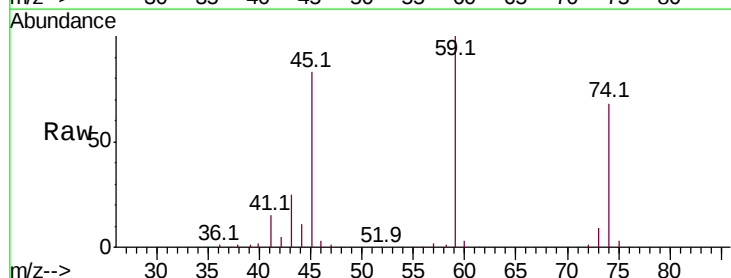
MMDadoda
7/15/2019 2:05:59 PM

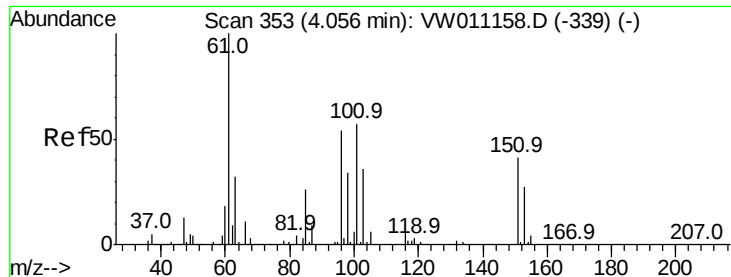


#8

Diethyl Ether
Concen: 19.207 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.3	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.539 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

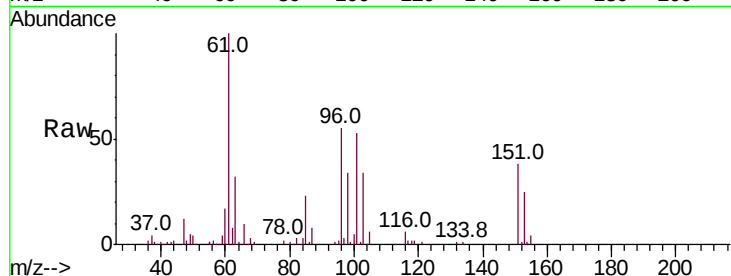
ClientSampleId :

VW0712SBSD01

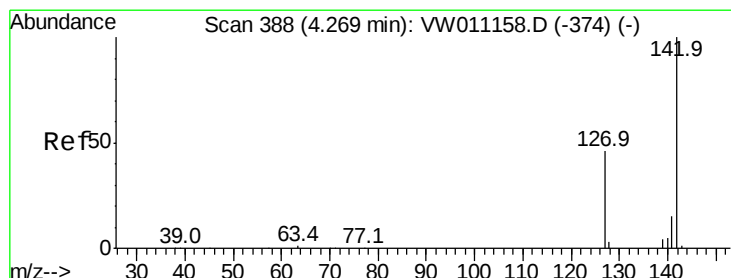
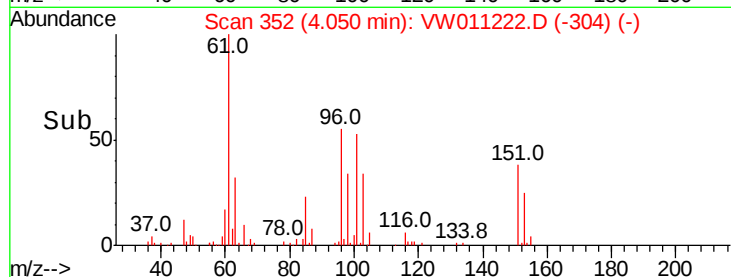
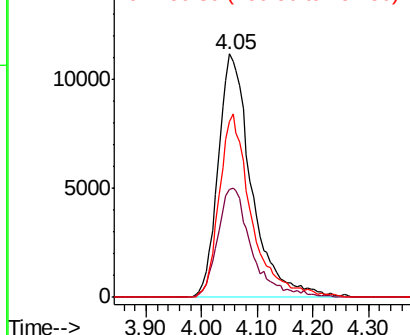
Tot Ion:	101	Resp:	46374
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.5	54.7
151	72.8	59.1	88.7

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Abundance Ion 100.90 (100.60 to 101.60): V
15000 Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.198 ug/l

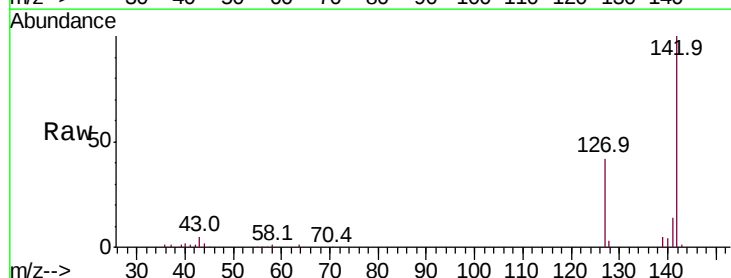
RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

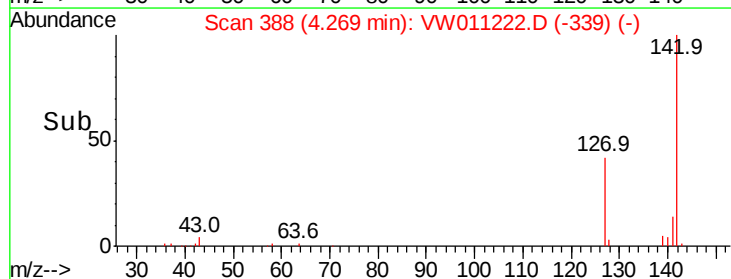
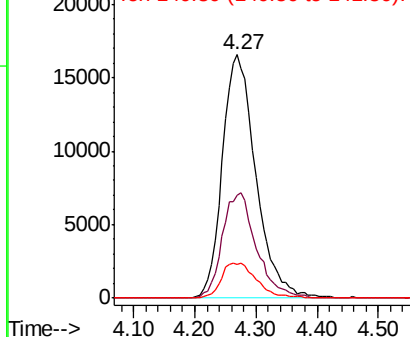
Lab File: VW011222.D

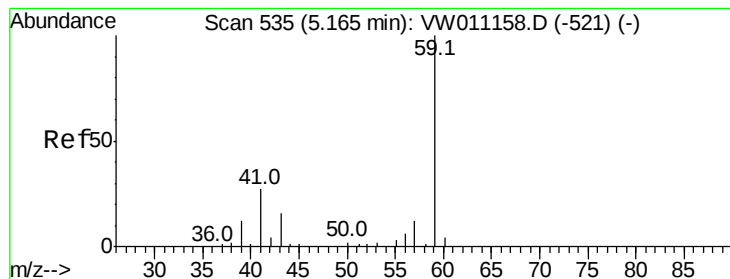
Acq: 11 Jul 2019 12:02

Tgt Ion:	142	Resp:	62669
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.7	53.5
141	15.1	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
20000 Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

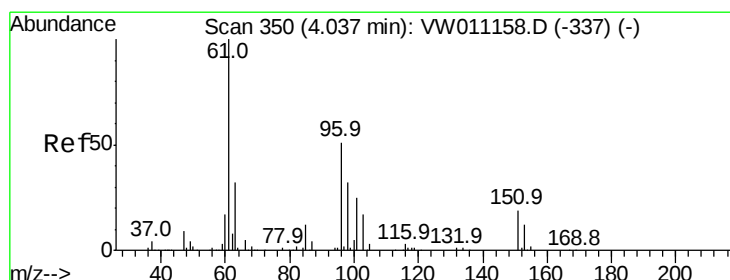
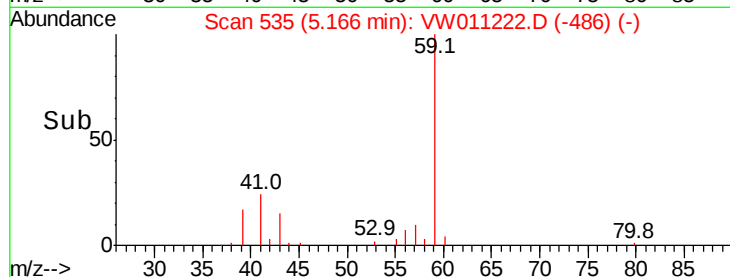
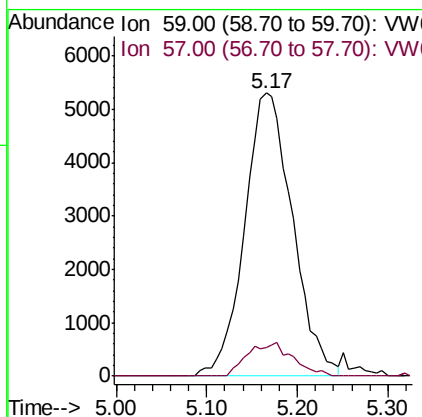
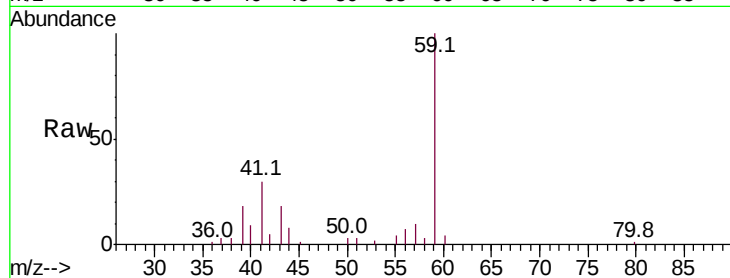
Tert butyl alcohol
 Concen: 94.187 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	59	Resp	19430
Ion Ratio	100	Lower	Upper
57	11.1	9.0	13.6

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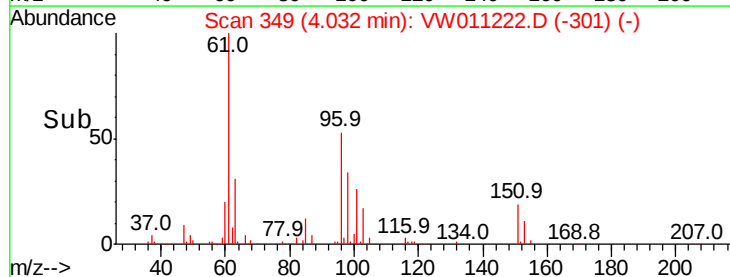
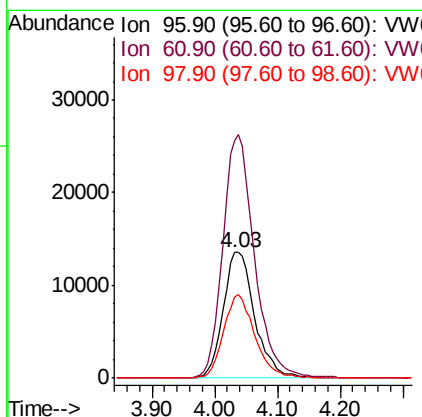
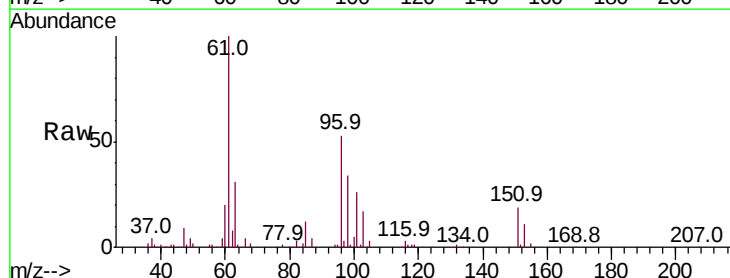
MMDadoda
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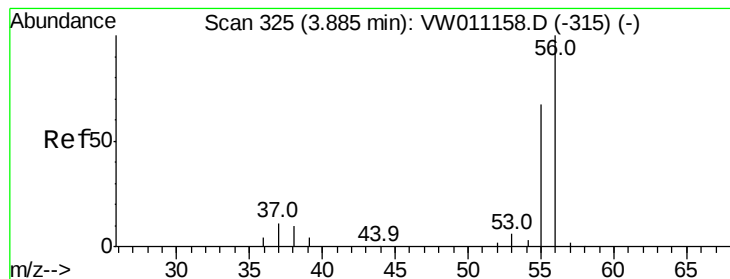


#12

1,1-Dichloroethene
 Concen: 19.221 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion	96	Resp	47348
Ion Ratio	100	Lower	Upper
61	188.6	157.7	236.5
98	64.9	50.9	76.3





#13

Acrolein

Concen: 73.861 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 56 Resp: 12133

Ion Ratio Lower Upper

56 100

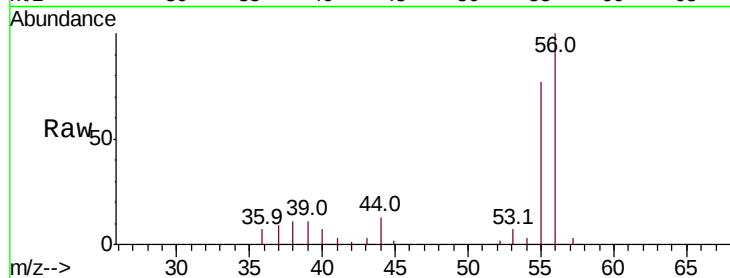
55 70.3 56.4 84.6

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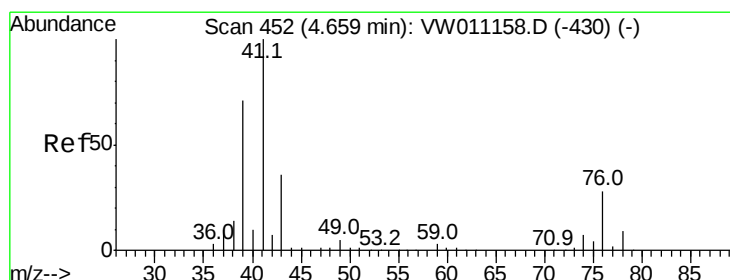
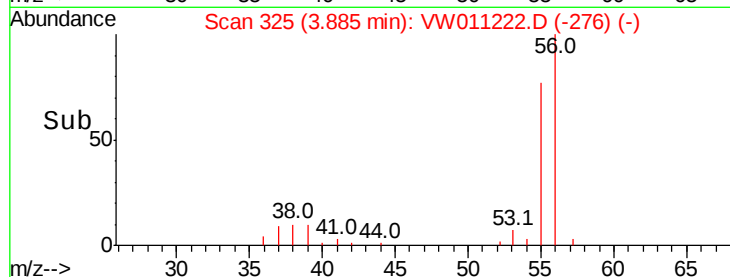
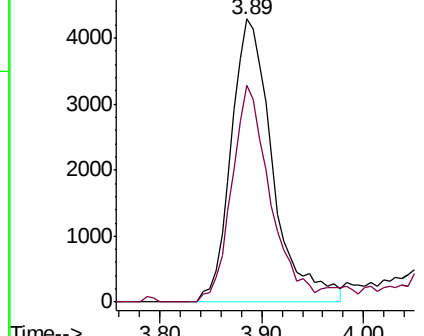
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 18.765 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

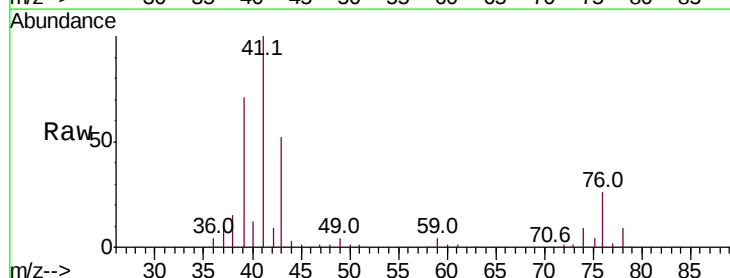
Tgt Ion: 41 Resp: 84296

Ion Ratio Lower Upper

41 100

39 69.2 55.1 82.7

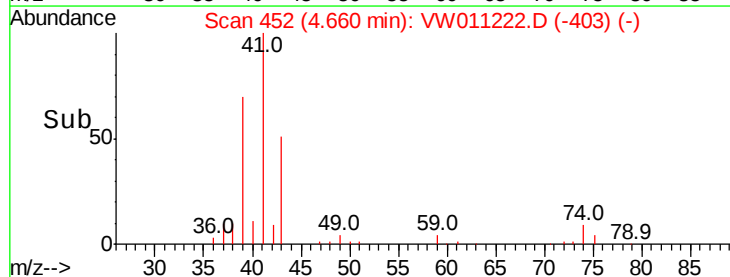
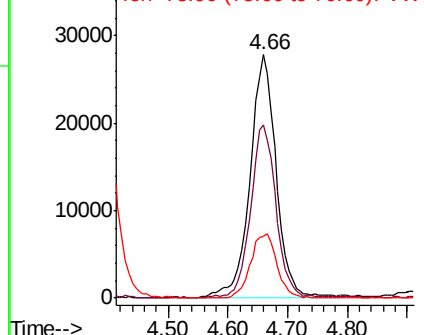
76 27.1 22.5 33.7

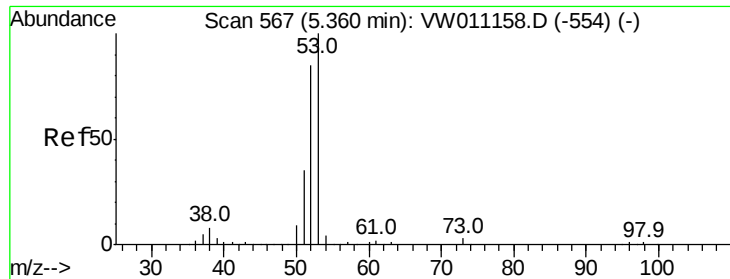


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 95.734 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

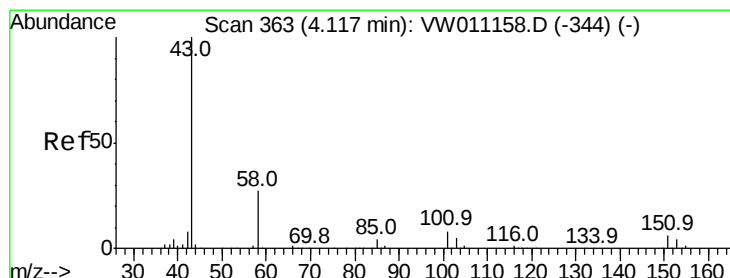
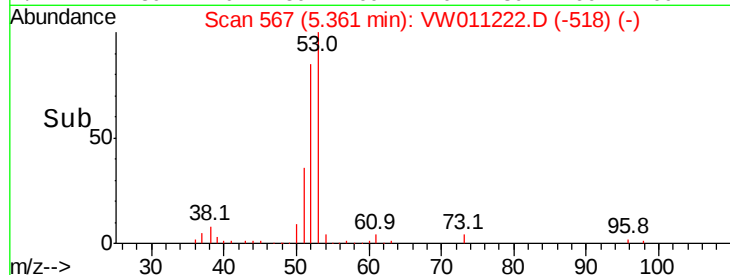
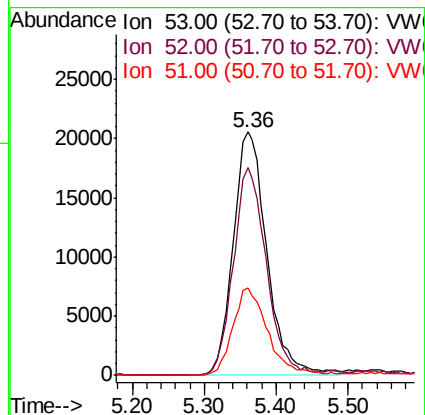
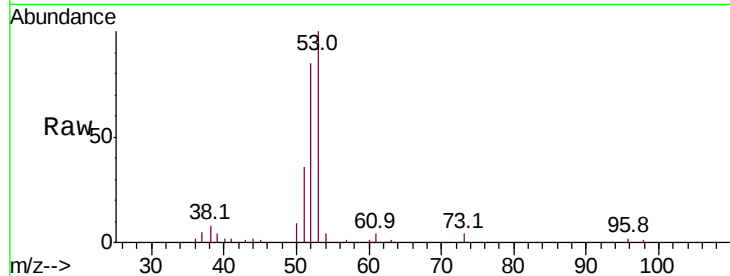
ClientSampleId :

VW0712SBSD01

Tot Ion:	53	Resp:	66845
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.2	99.4
51	37.0	29.1	43.7

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#16

Acetone

Concen: 102.617 ug/l

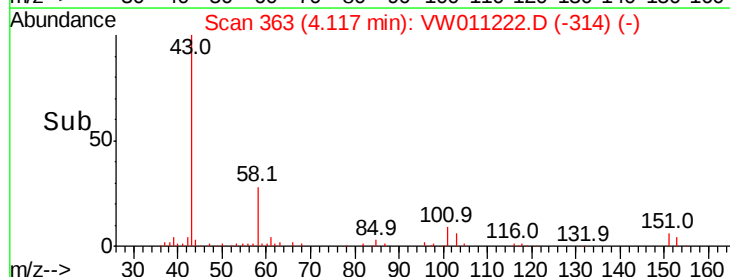
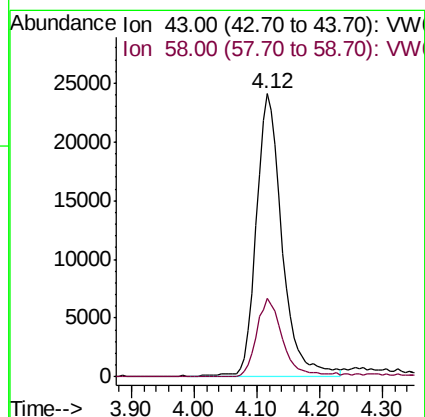
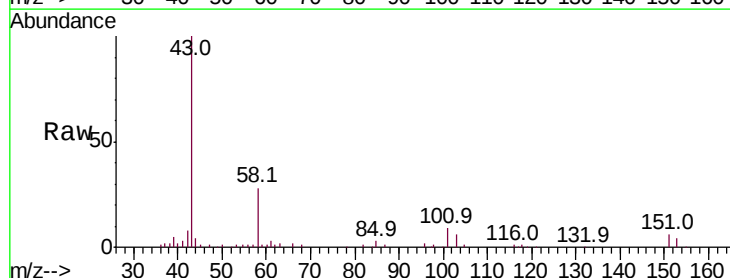
RT: 4.12 min Scan# 363

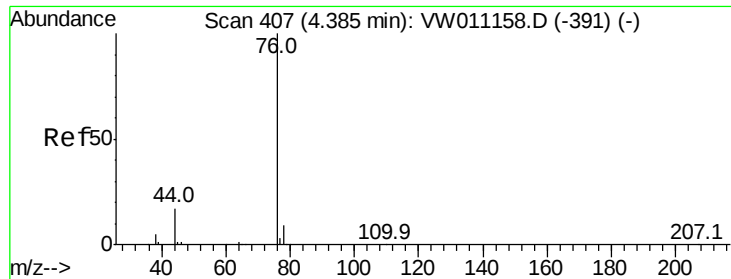
Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Tgt Ion:	43	Resp:	68797
Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.8	32.6





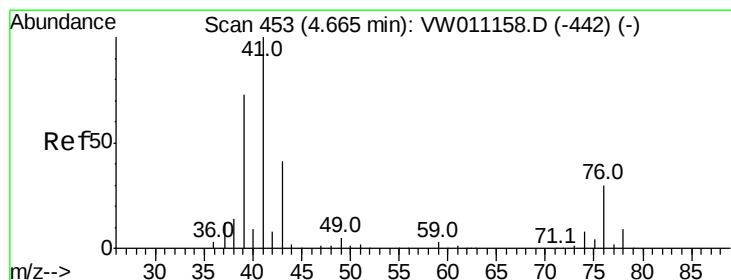
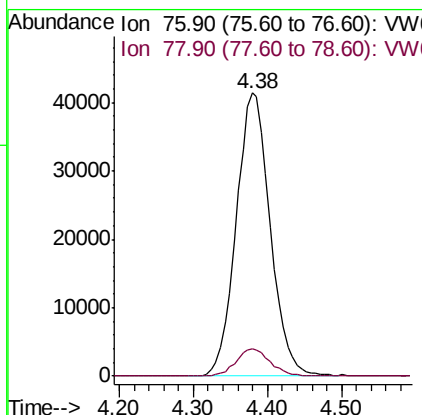
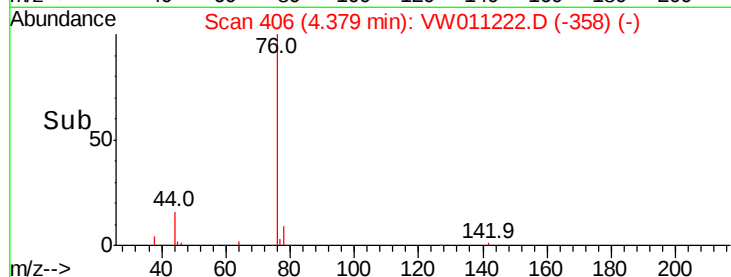
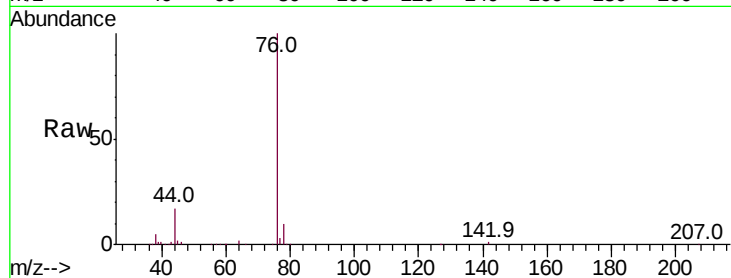
#17
Carbon Disulfide
Concen: 17.734 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

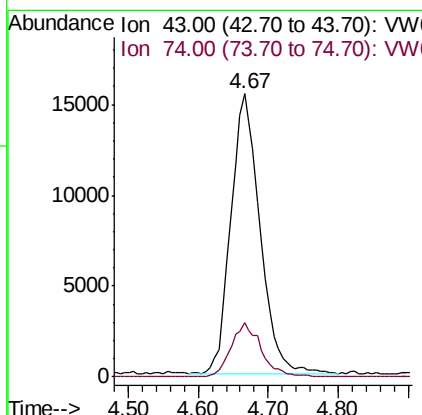
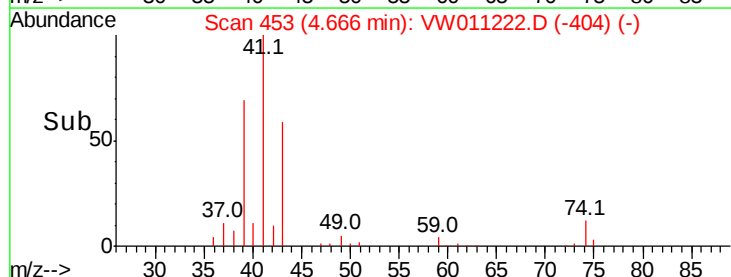
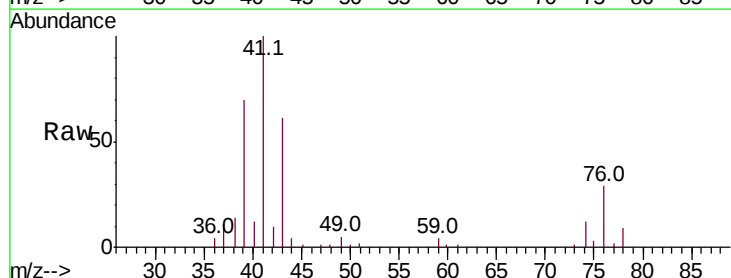
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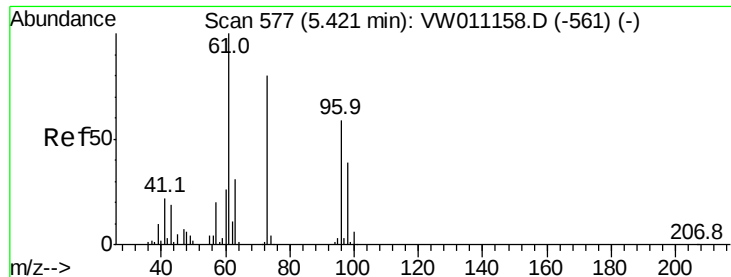
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#18
Methyl Acetate
Concen: 22.716 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.8	15.7	23.5





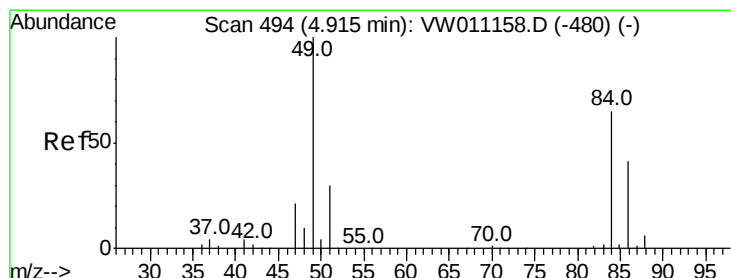
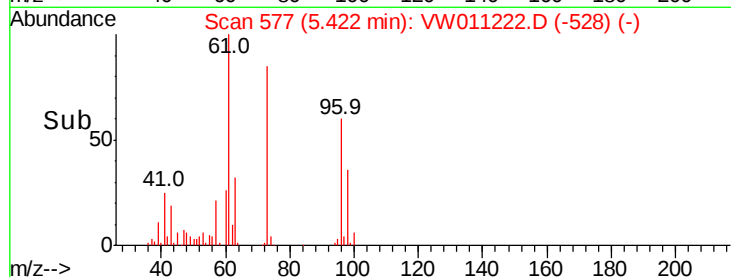
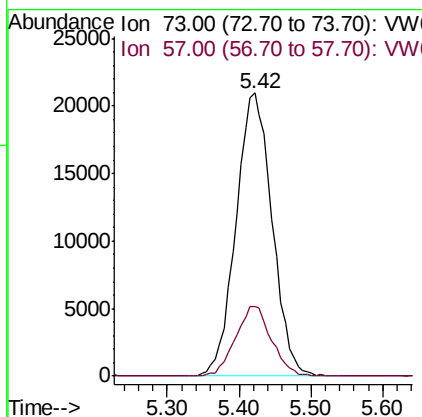
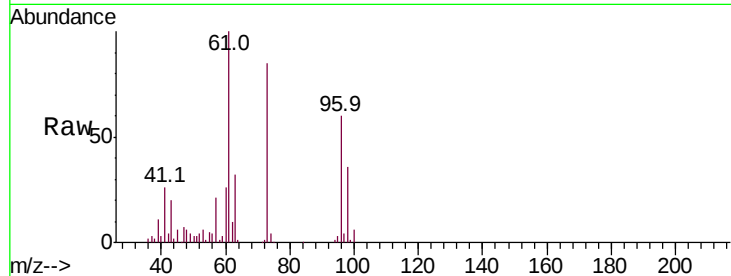
#19
Methyl tert-butyl Ether
Concen: 19.495 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion: 73 Resp: 72868
Ion Ratio Lower Upper
73 100
57 24.5 19.7 29.5

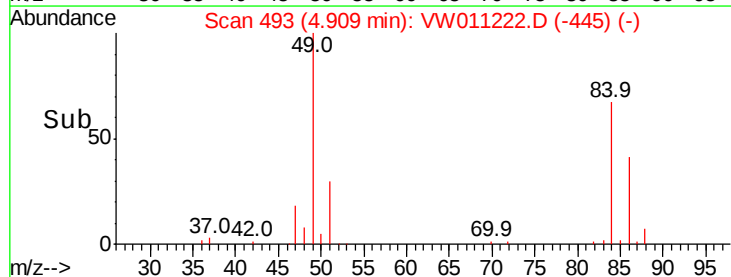
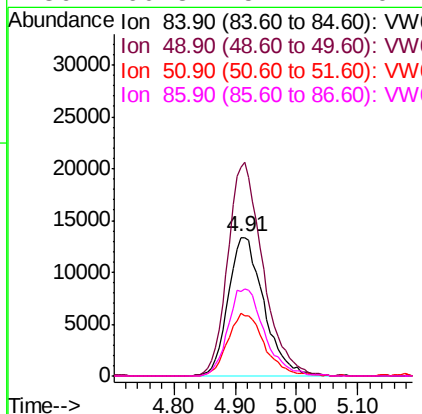
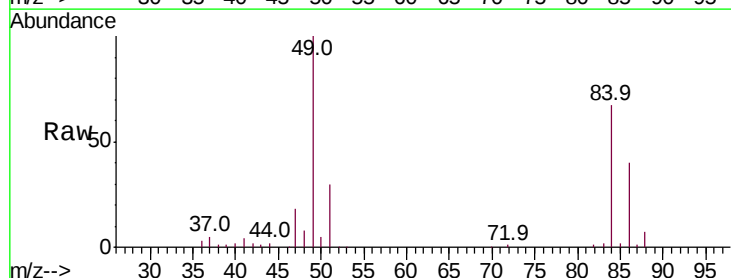
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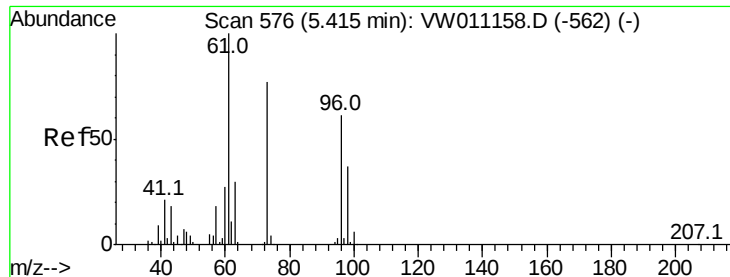
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#20
Methylene Chloride
Concen: 20.509 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion: 84 Resp: 54241
Ion Ratio Lower Upper
84 100
49 150.1 123.8 185.6
51 45.2 37.4 56.2
86 60.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.409 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

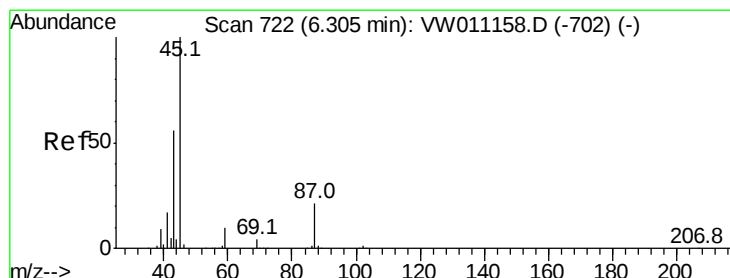
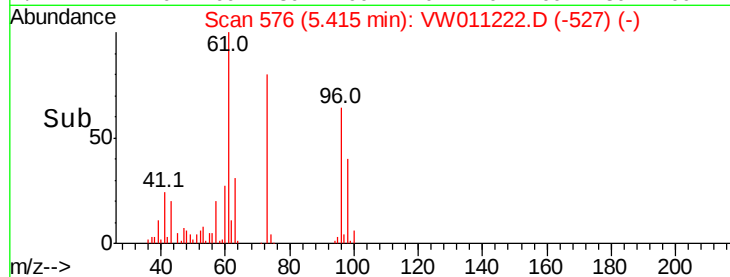
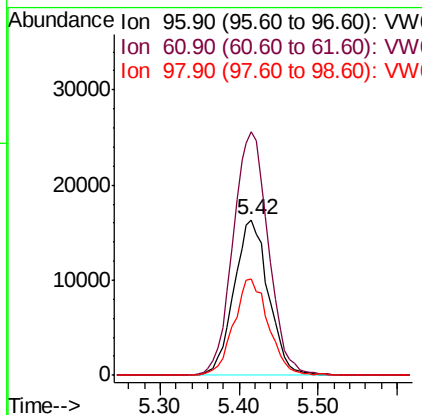
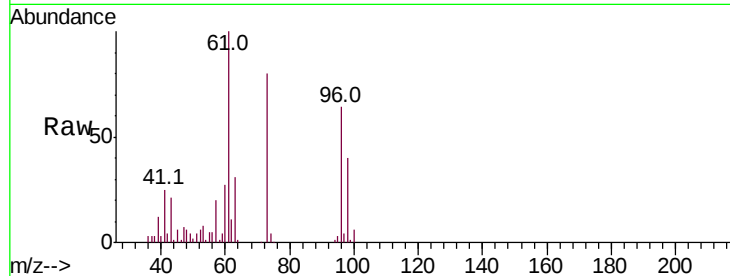
ClientSampleId :

VW0712SBSD01

Tot Ion:	96	Resp:	49682
Ion	Ratio	Lower	Upper
96	100		
61	156.3	132.2	198.2
98	61.9	49.4	74.0

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#22

Diisopropyl ether

Concen: 19.888 ug/l

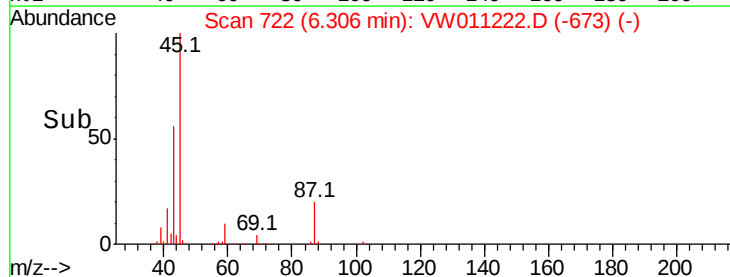
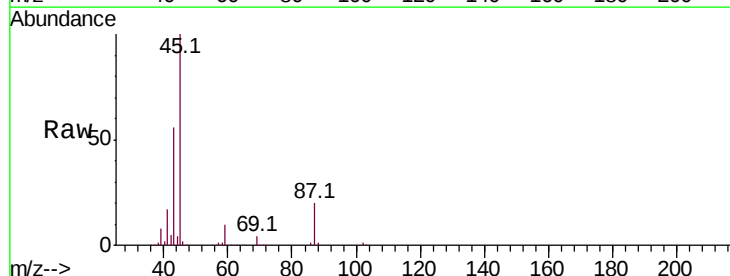
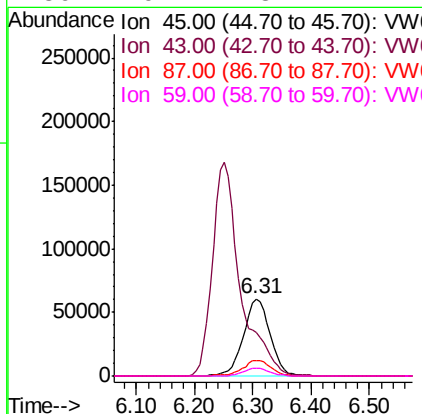
RT: 6.31 min Scan# 722

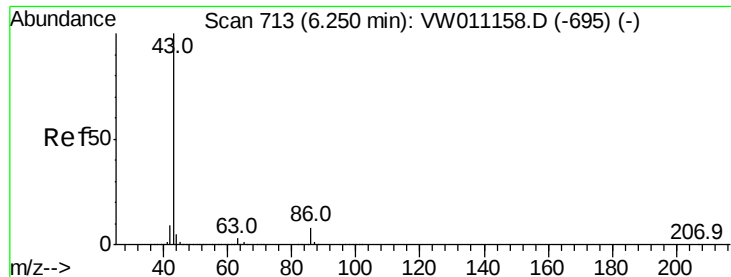
Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Tgt Ion:	45	Resp:	192151
Ion	Ratio	Lower	Upper
45	100		
43	55.7	44.6	66.8
87	20.2	17.3	25.9
59	9.4	8.2	12.2





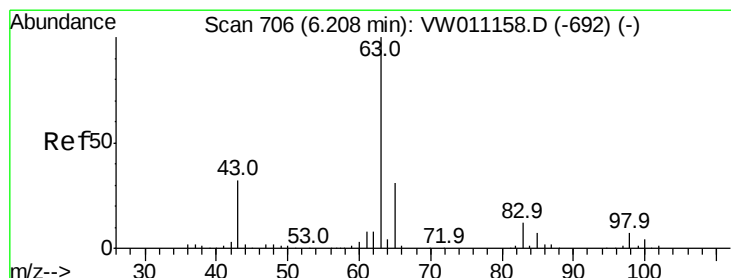
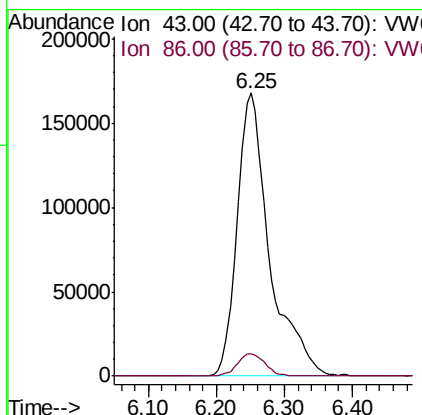
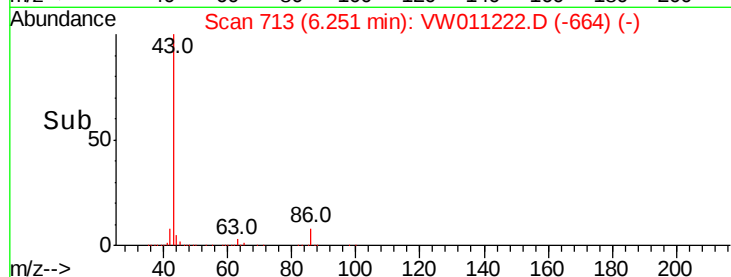
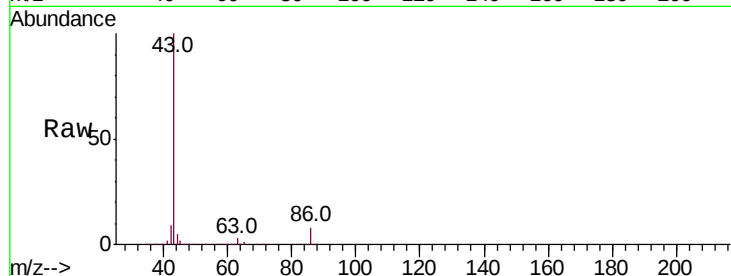
#23
 Vinyl Acetate
 Concen: 93.037 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
86	8.0	6.5	9.7	

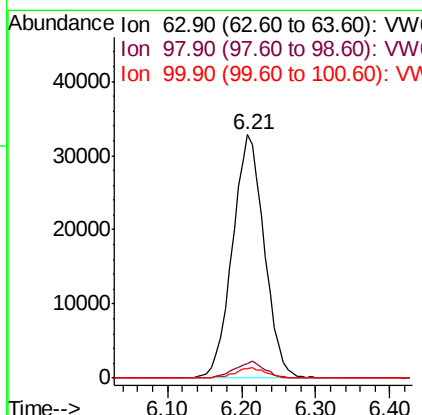
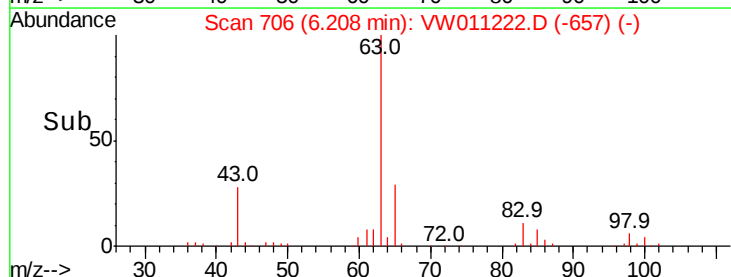
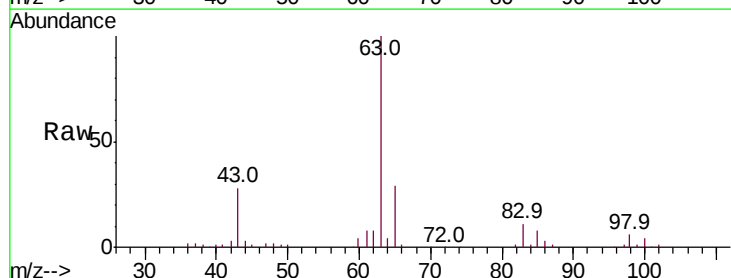
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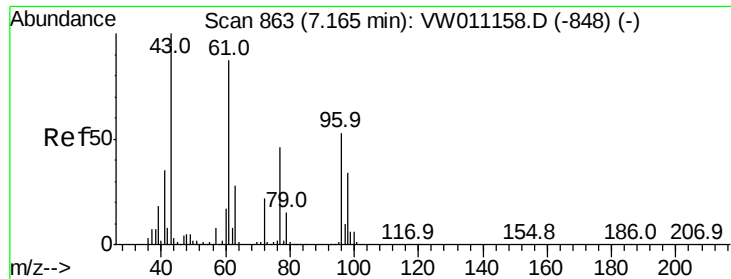
MMDadoda
 7/15/2019 2:05:59 PM



#24
 1,1-Dichloroethane
 Concen: 19.323 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.1	3.3	9.9	
100	3.8	2.1	6.2	





#25

2-Butanone

Concen: 95.563 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 43 Resp: 100569

Ion Ratio Lower Upper

43 100

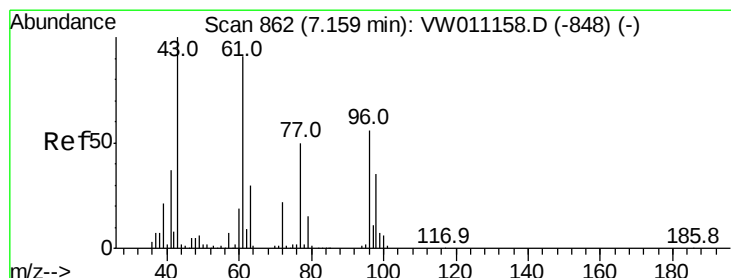
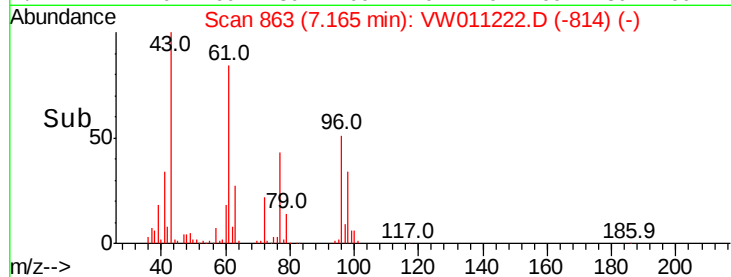
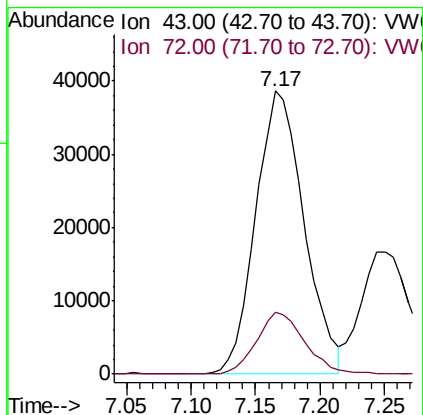
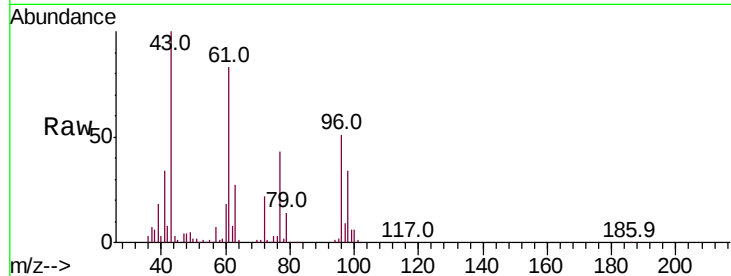
72 22.0 17.6 26.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.745 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011222.D

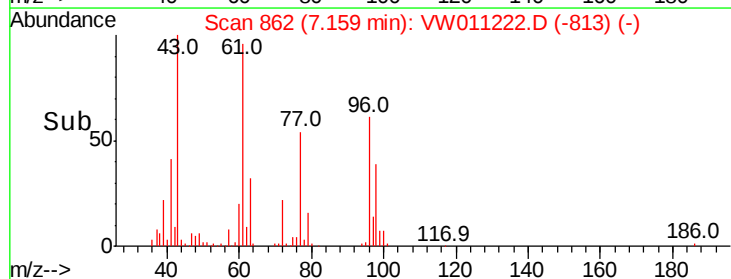
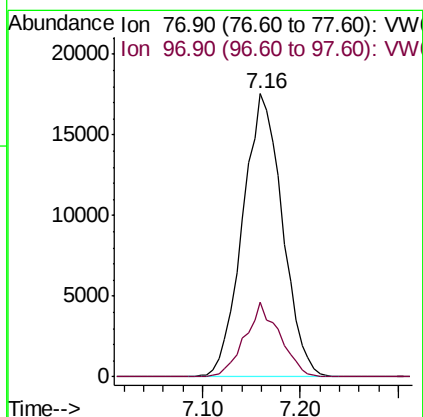
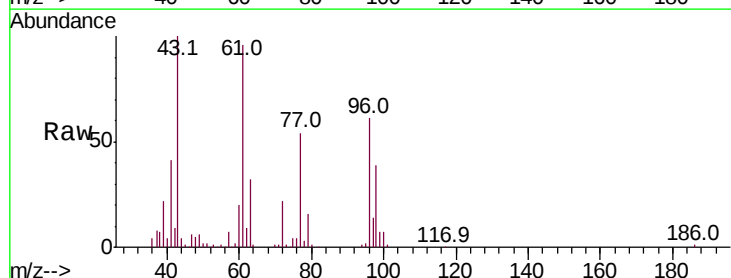
Acq: 11 Jul 2019 12:02

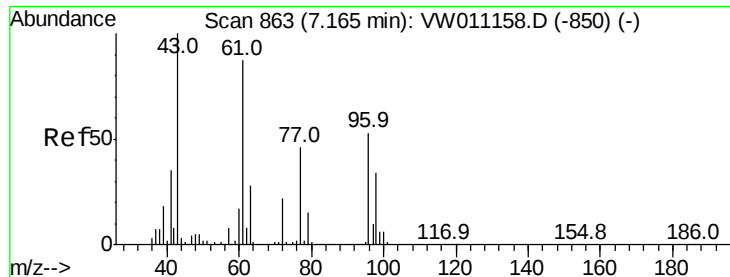
Tgt Ion: 77 Resp: 49434

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5





#27

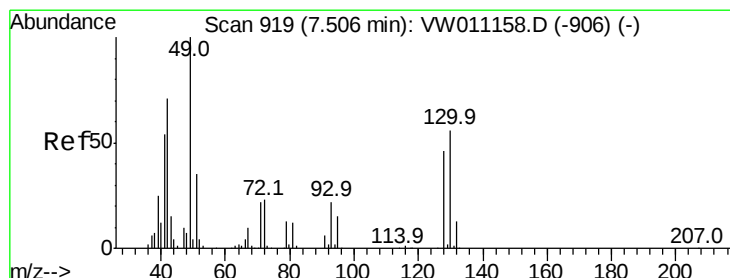
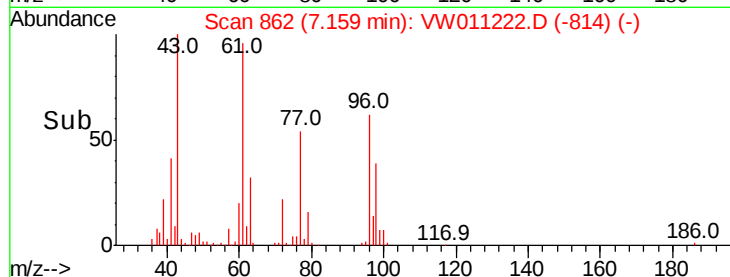
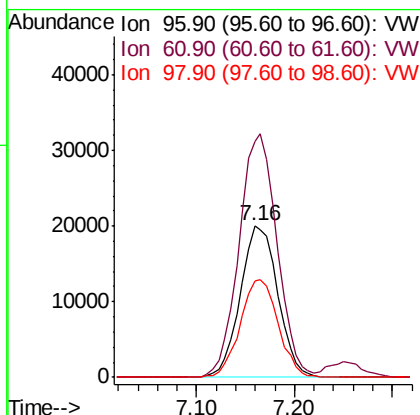
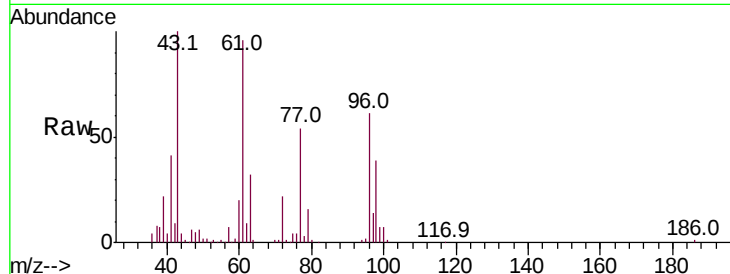
cis-1,2-Dichloroethene
 Concen: 19.287 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.8	0.0	325.6
98	65.3	0.0	128.2

Manual Integrations
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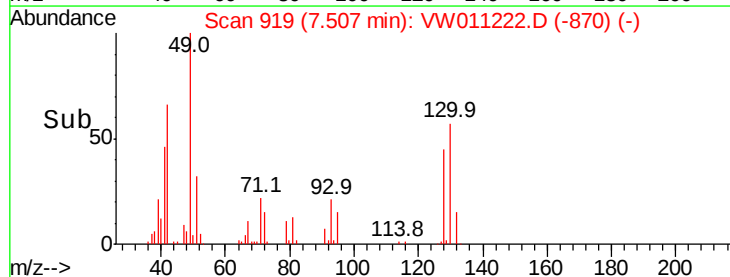
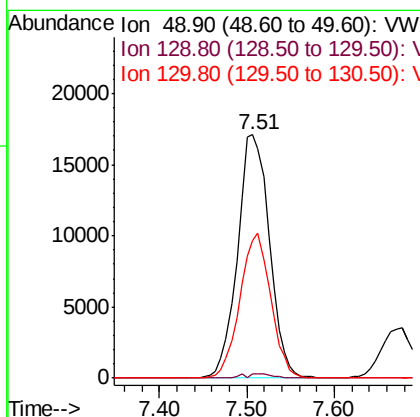
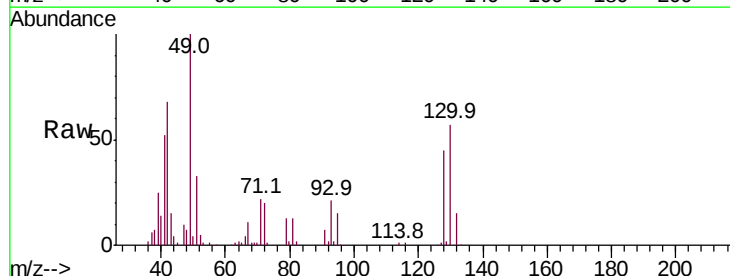
MMDadoda
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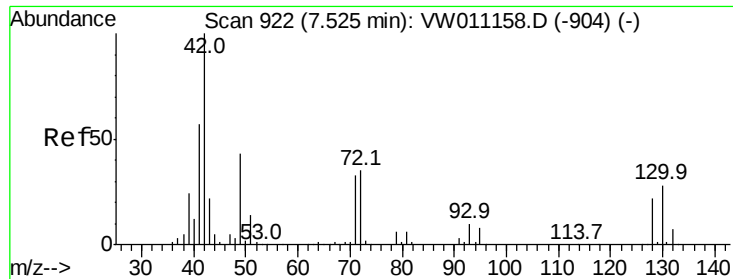


#28

Bromochloromethane
 Concen: 18.829 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	1.4
130	57.5	45.8	68.8





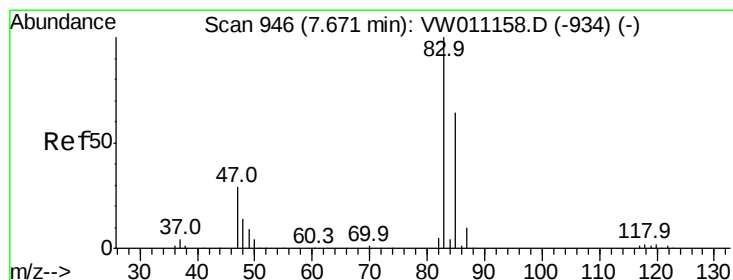
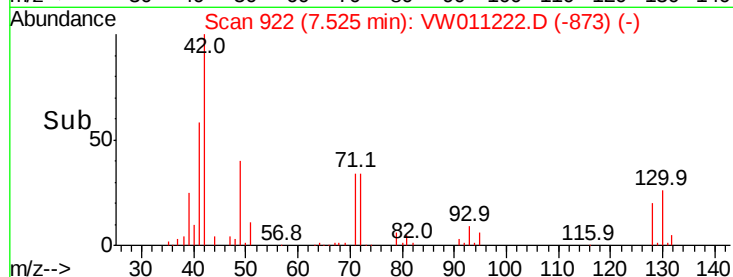
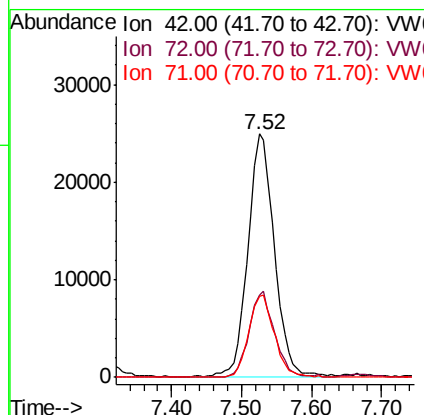
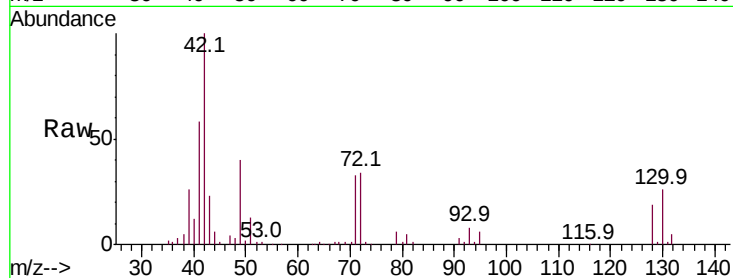
#29
Tetrahydrofuran
Concen: 95.903 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.5	27.4	41.2
71	32.5	25.9	38.9

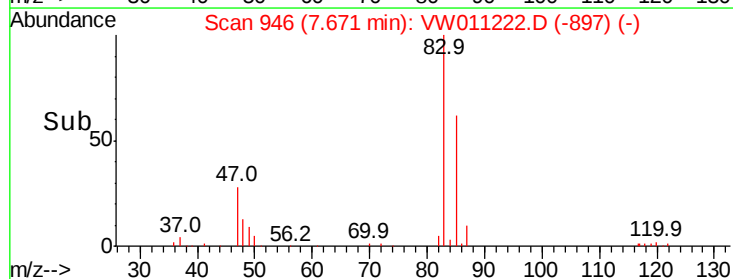
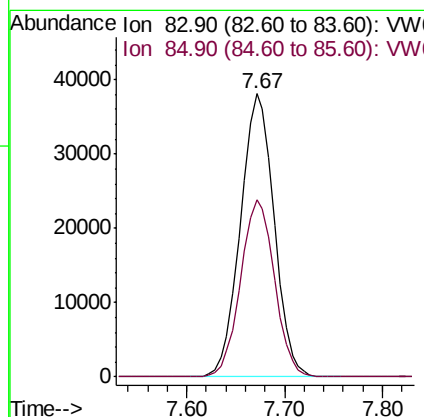
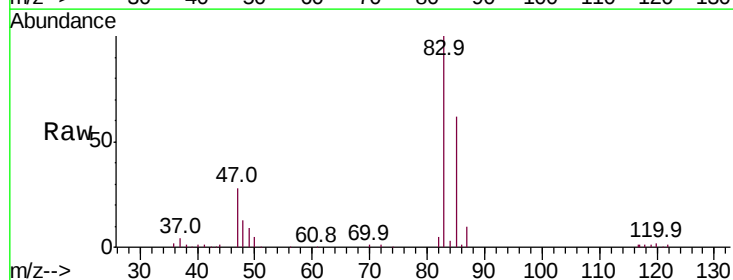
Manual Integrations
APPROVED

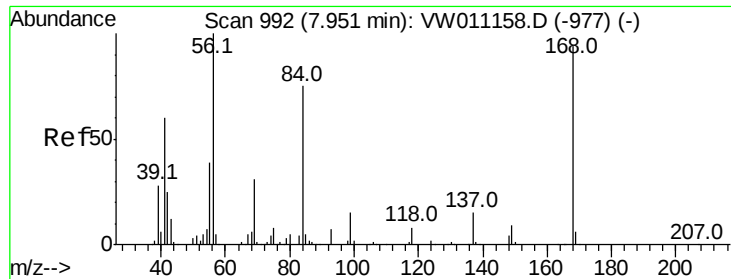
MMDadoda
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#30
Chloroform
Concen: 19.397 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.4	77.2





#31

Cyclohexane

Concen: 19.149 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

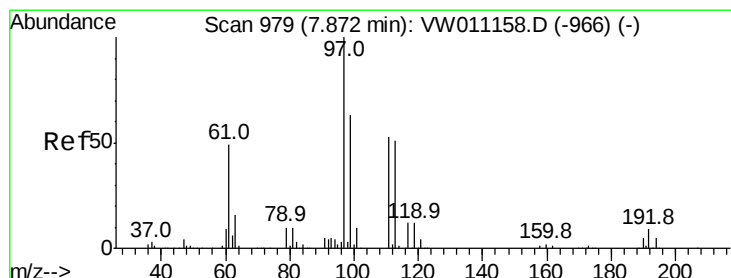
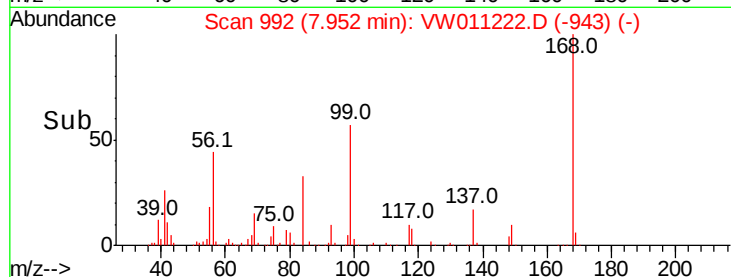
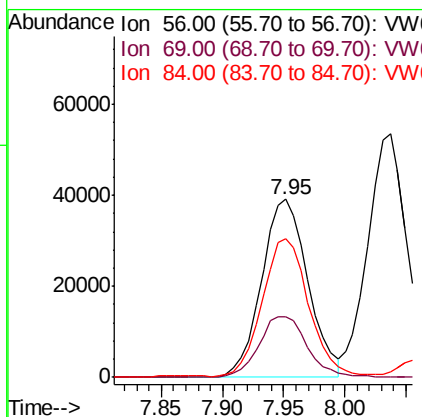
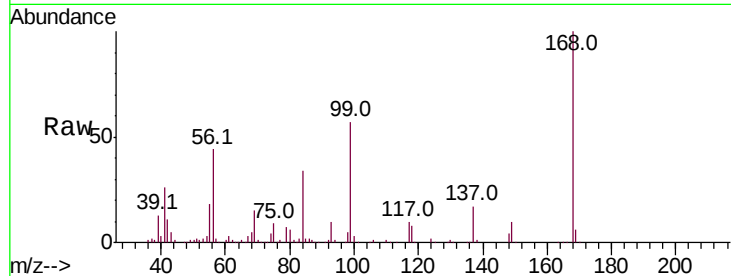
ClientSampled :

VW0712SBSD01

Tot Ion	56	Resp	103355
Ion Ratio	Lower	Upper	
56	100		
69	34.3	24.6	36.8
84	77.4	60.1	90.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.186 ug/l

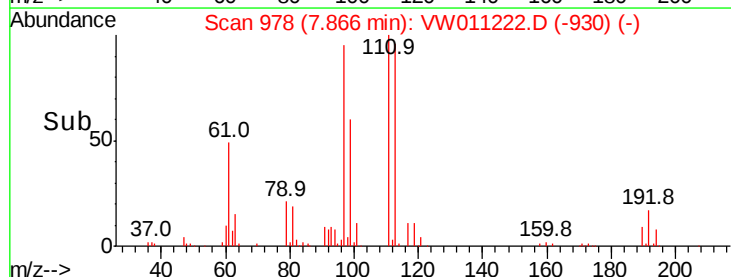
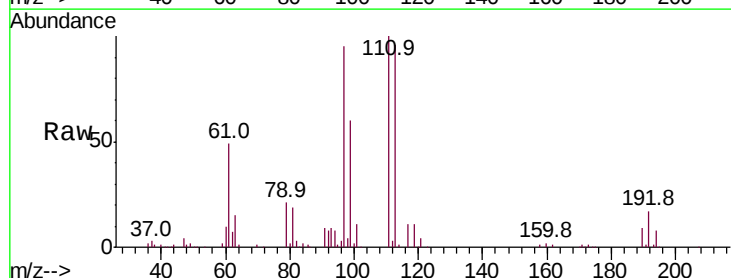
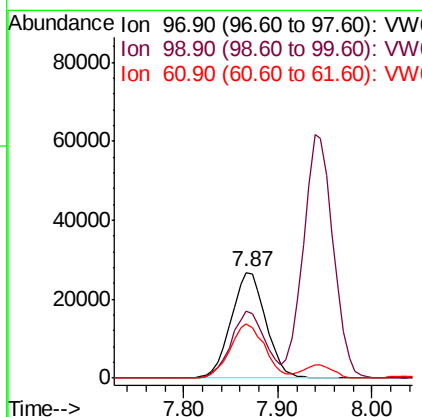
RT: 7.87 min Scan# 978

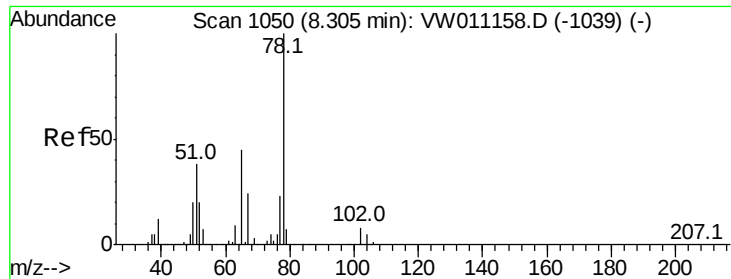
Delta R.T. -0.01 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Tgt Ion	97	Resp	68574
Ion Ratio	Lower	Upper	
97	100		
99	62.2	51.0	76.4
61	50.7	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 45.814 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 65 Resp: 127654

Ion Ratio Lower Upper

65 100

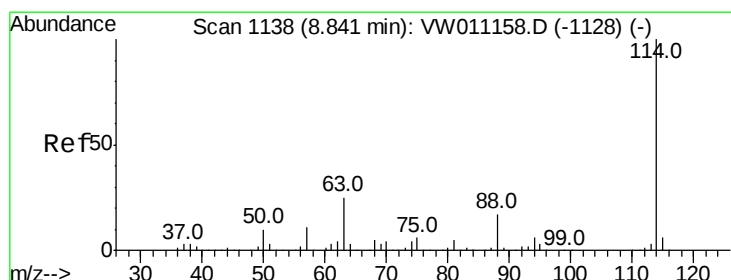
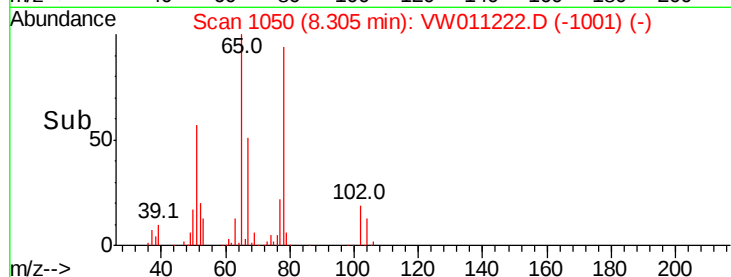
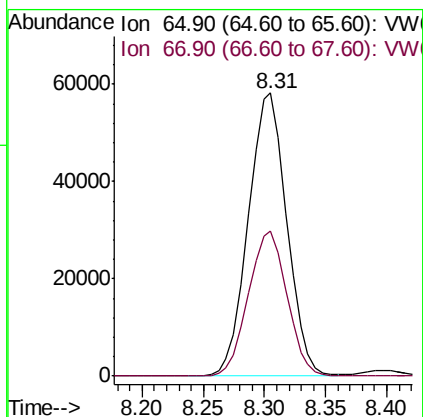
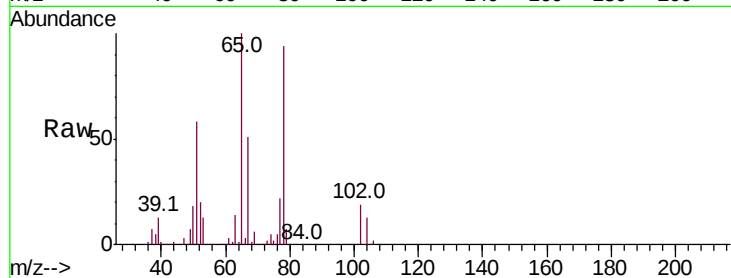
67 51.5 0.0 104.4

Manual Integrations

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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: VW011222.D

Acq: 11 Jul 2019 12:02

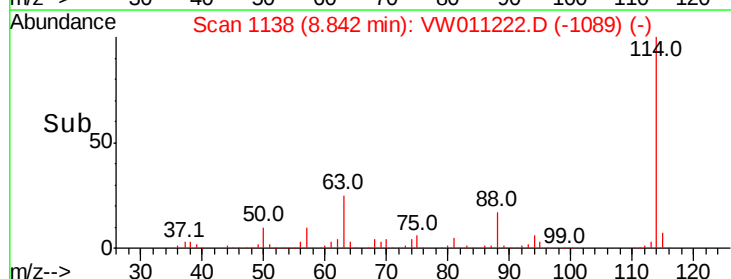
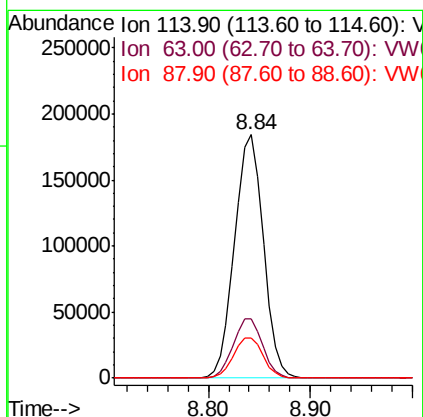
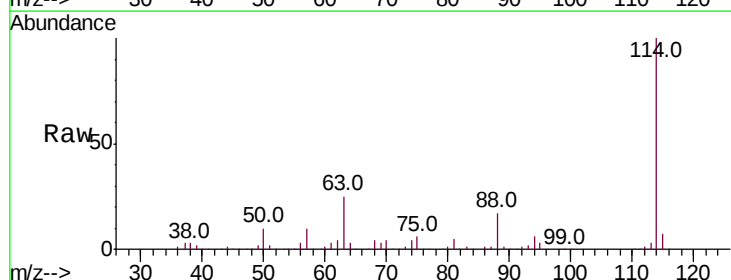
Tgt Ion: 114 Resp: 360854

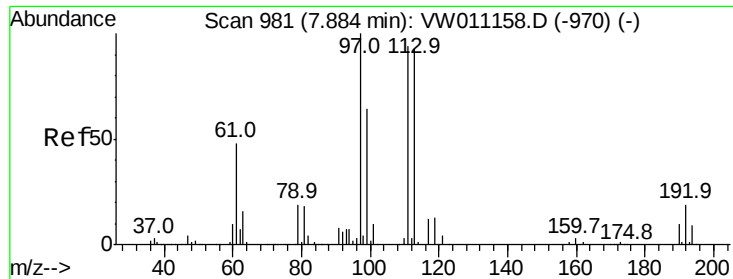
Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.8

88 16.6 0.0 34.2





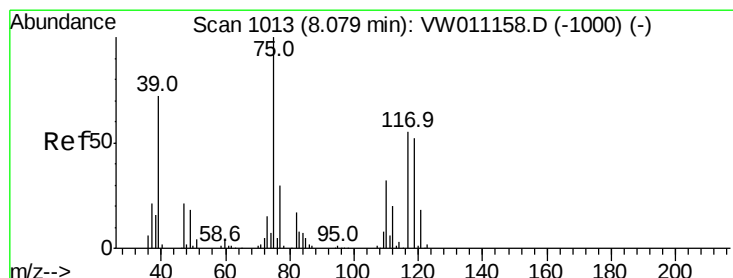
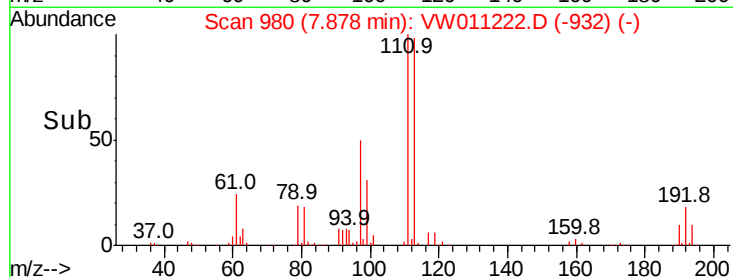
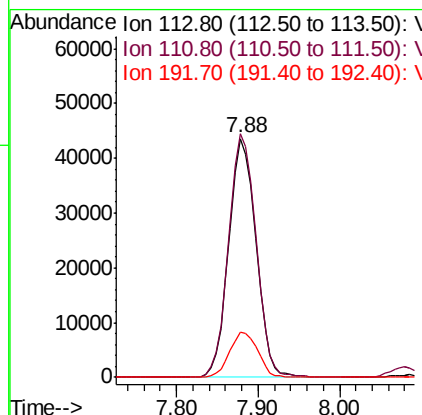
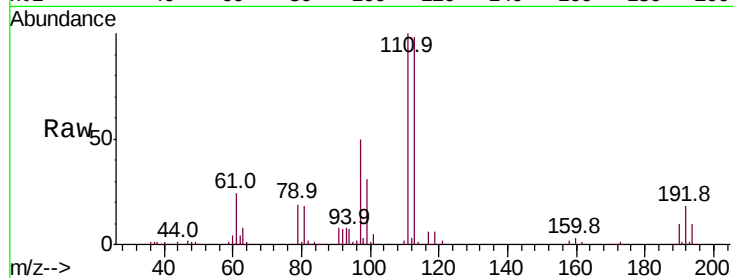
#35
 Dibromofluoromethane
 Concen: 46.813 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100688		
111	102.7	82.4	123.6	
192	19.2	15.8	23.8	

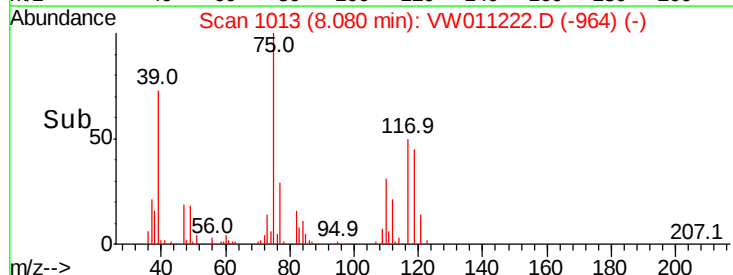
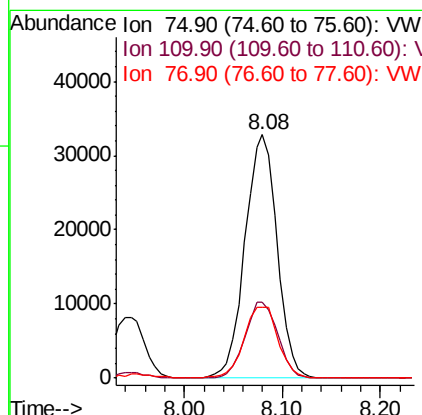
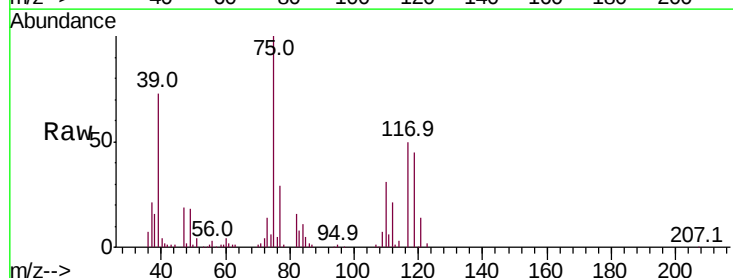
Manual Integrations
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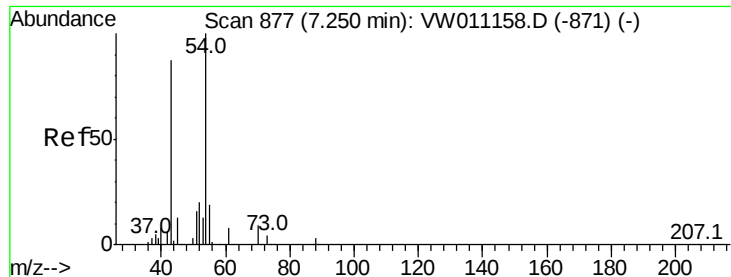
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#36
 1,1-Dichloropropene
 Concen: 19.405 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74567		
110	31.7	15.9	47.6	
77	31.4	24.6	36.8	





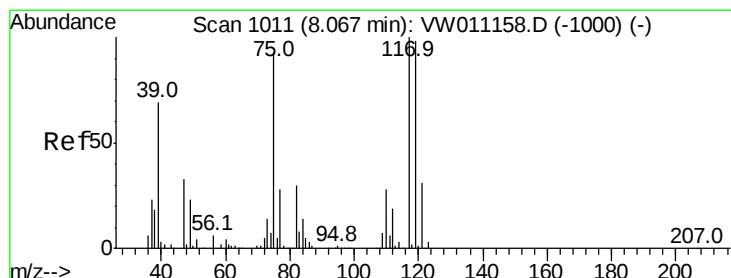
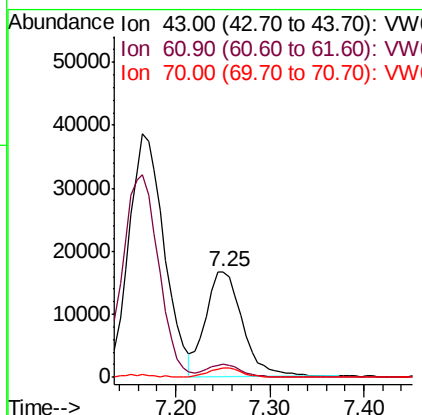
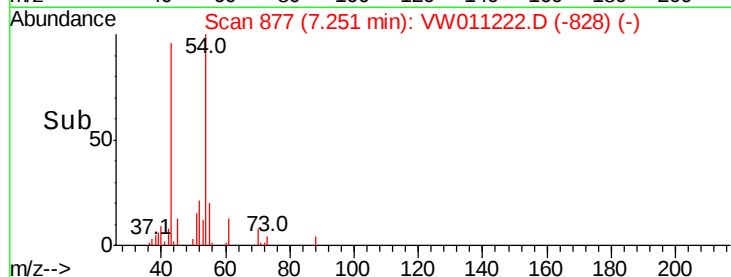
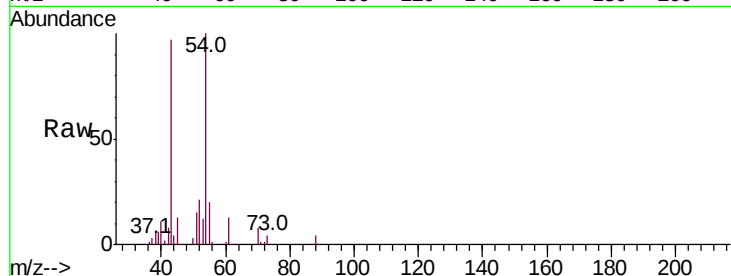
#37
Ethyl Acetate
Concen: 19.641 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleID :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.5	14.3
70	8.0	7.1	10.7

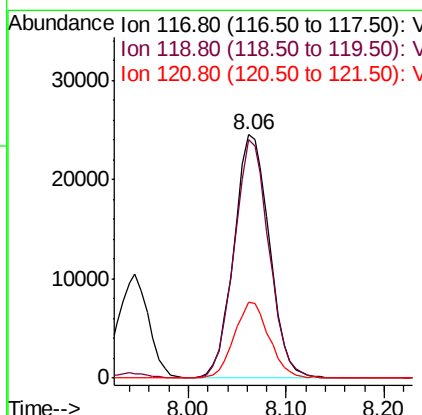
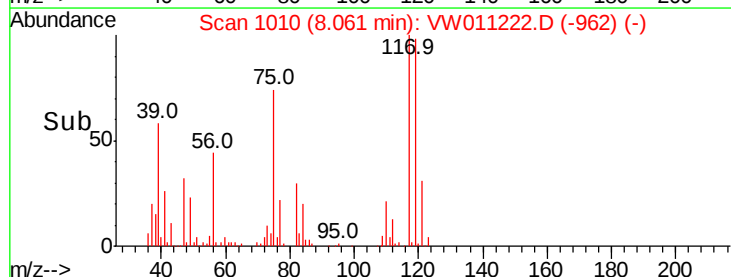
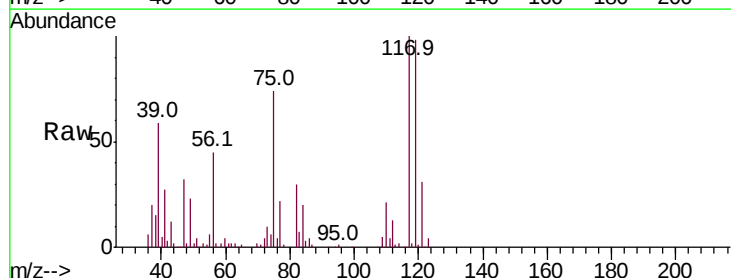
Manual Integrations
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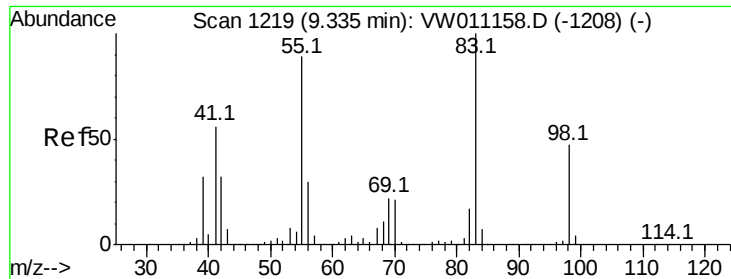
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.988 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.1	117.1
121	31.0	25.1	37.7





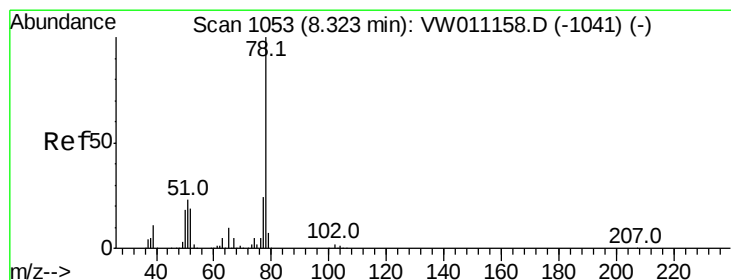
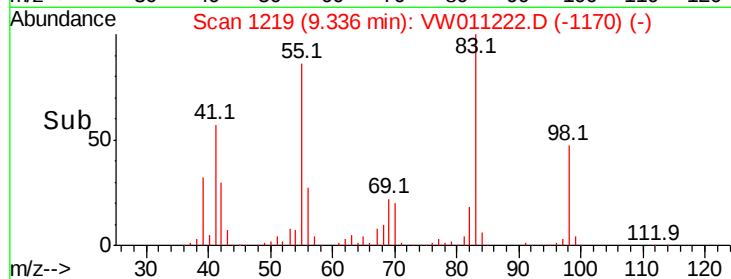
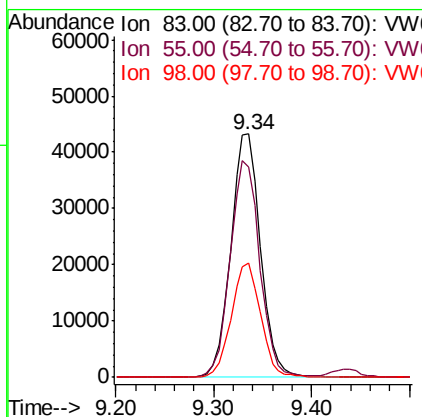
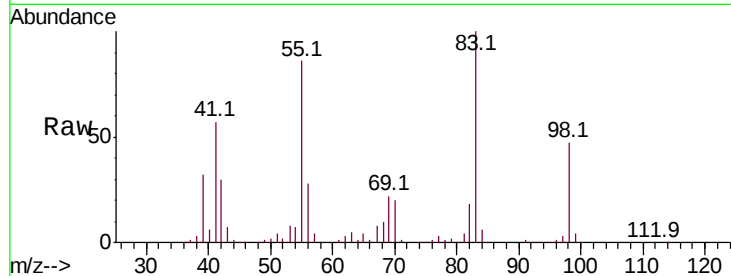
#39
Methvlcvclohexane
Concen: 19.588 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.4	71.2	106.8
98	47.2	37.5	56.3

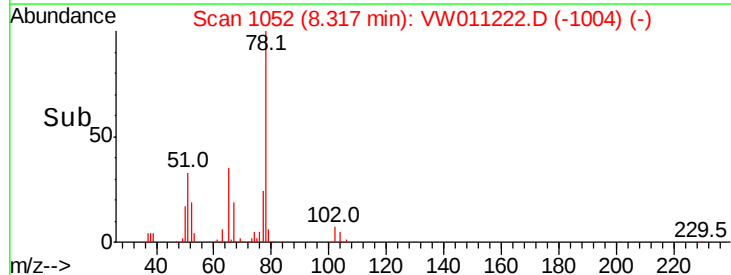
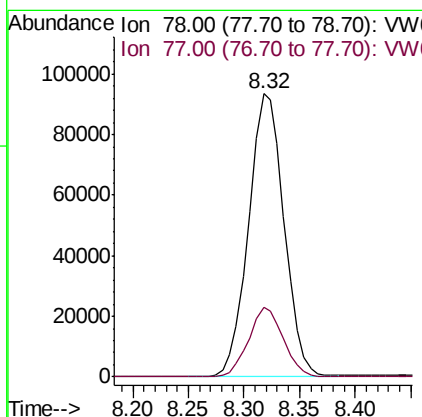
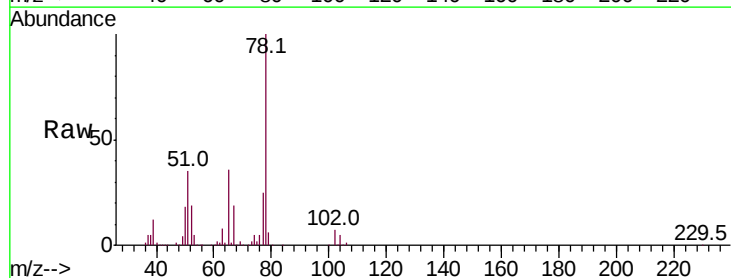
Manual Integrations
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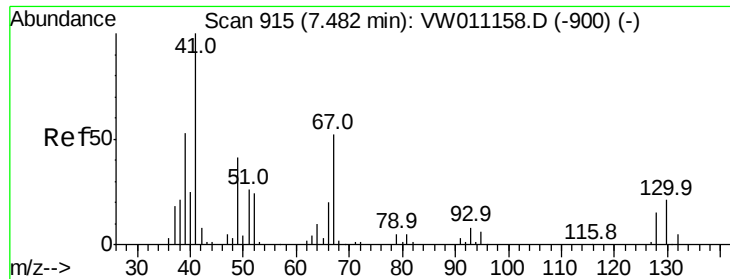
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#40
Benzene
Concen: 19.559 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.6





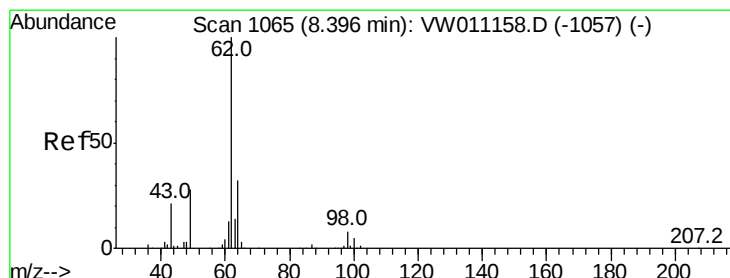
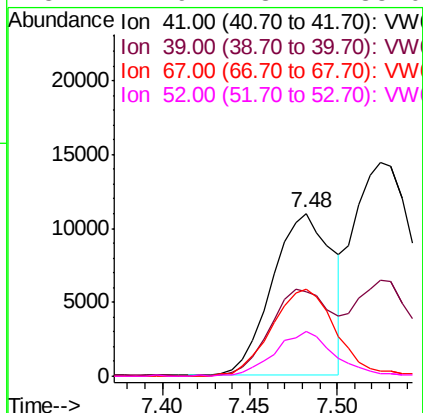
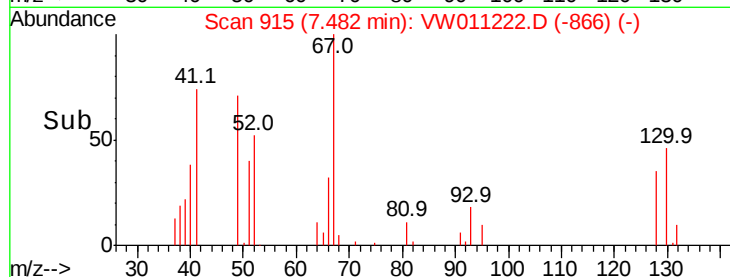
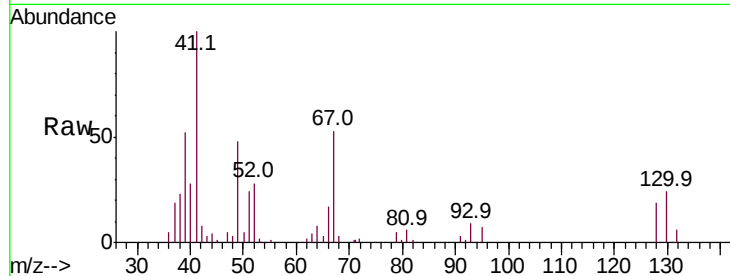
#41
Methacrylonitrile
Concen: 20.007 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion:	41	Resp:	26419
Ion	Ratio	Lower	Upper
41	100		
39	54.8	48.0	72.0
67	58.2	49.7	74.5
52	27.9	23.4	35.0

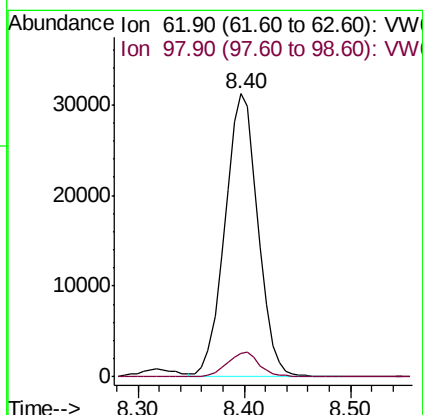
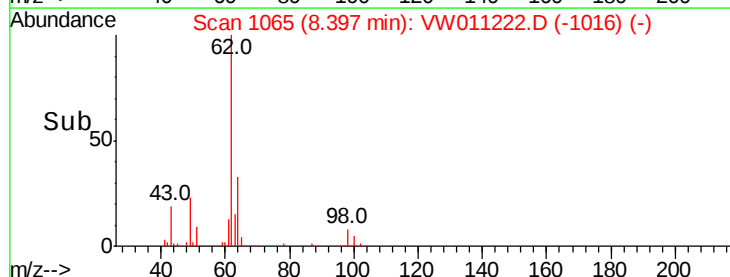
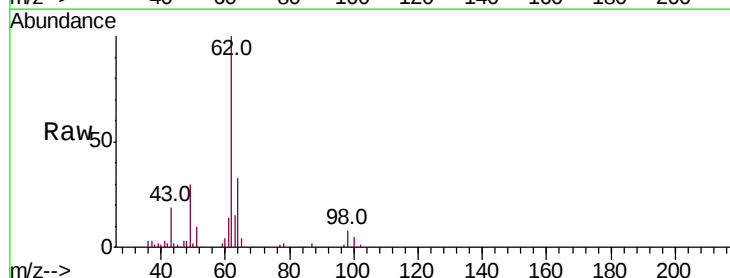
Manual Integrations
APPROVED

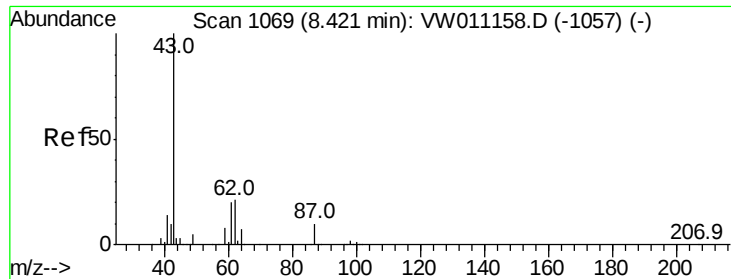
MMDadoda
7/15/2019 2:05:59 PM



#42
1,2-Dichloroethane
Concen: 19.604 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion:	62	Resp:	67535
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8





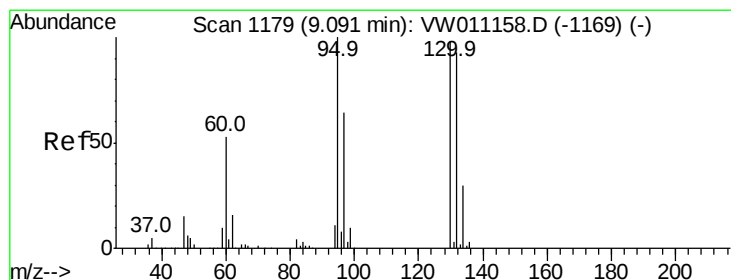
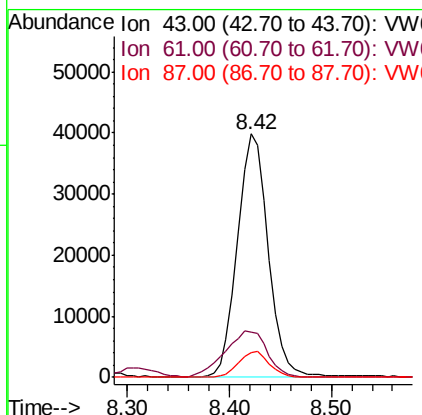
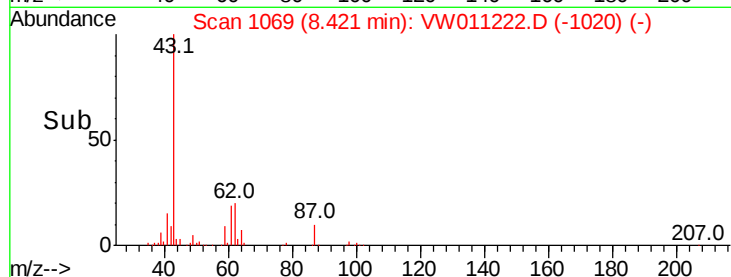
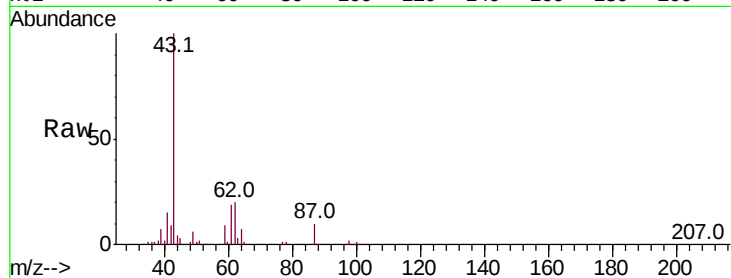
#43
Isopropyl Acetate
Concen: 19.090 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.1	20.7	31.1
87	10.6	8.1	12.1

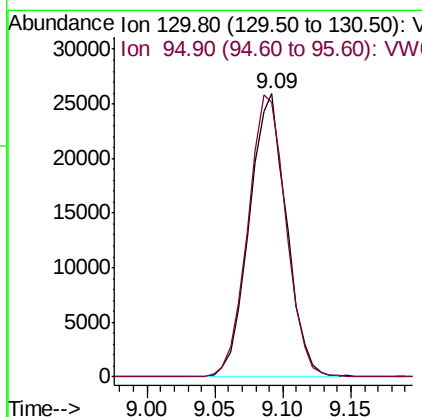
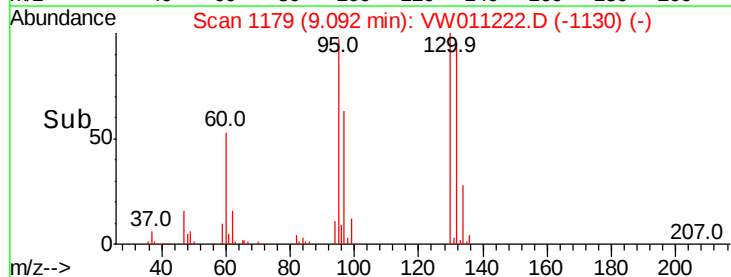
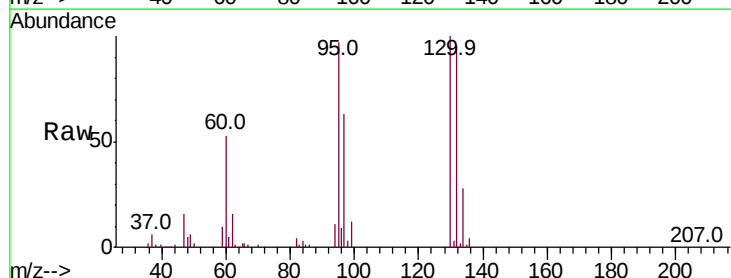
Manual Integrations
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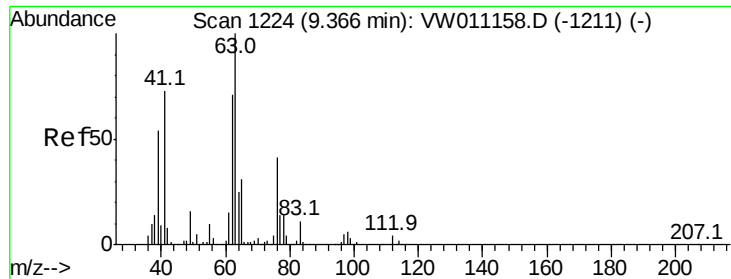
MMDadoda
7/15/2019 2:05:59 PM



#44
Trichloroethene
Concen: 19.480 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	203.6





#45

1,2-Dichloropropane

Concen: 19.731 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 63 Resp: 56742

Ion Ratio Lower Upper

63 100

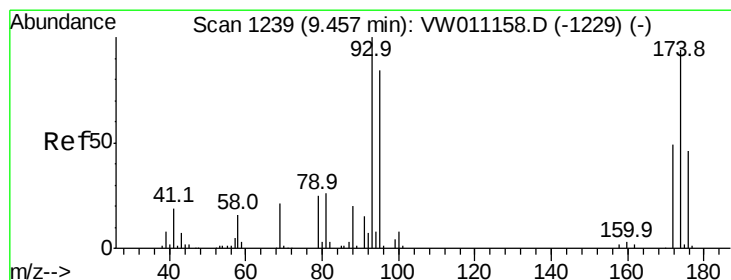
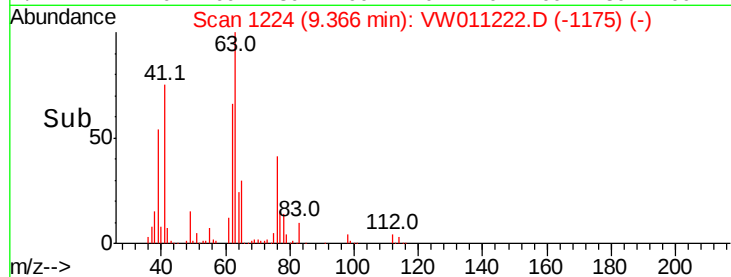
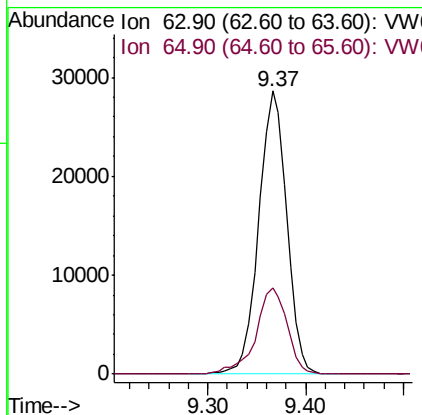
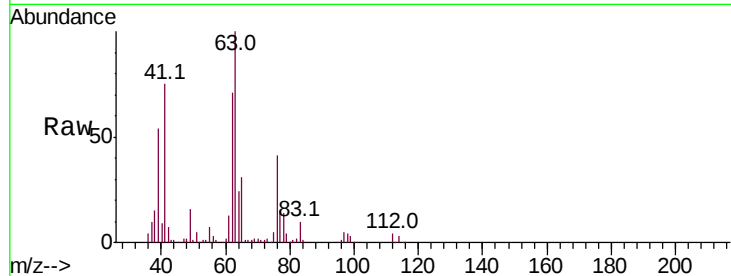
65 30.7 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.525 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

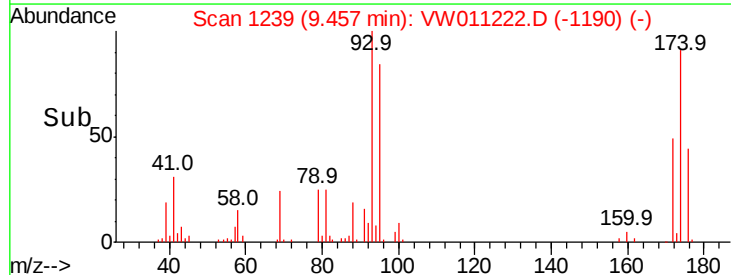
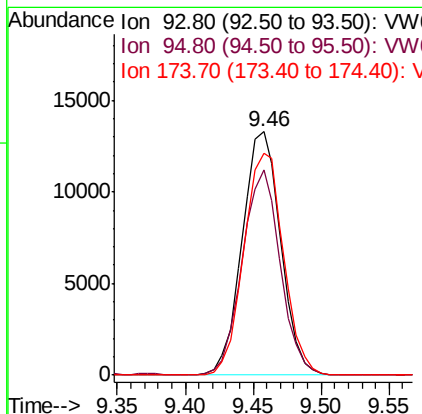
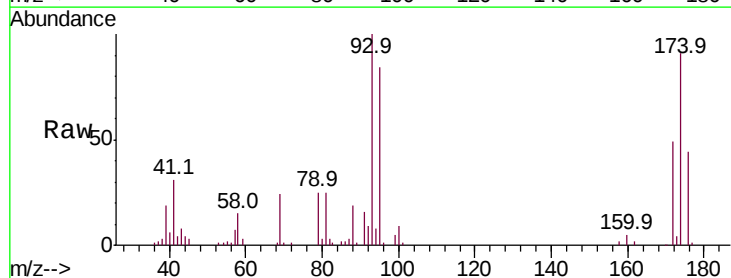
Tgt Ion: 93 Resp: 26377

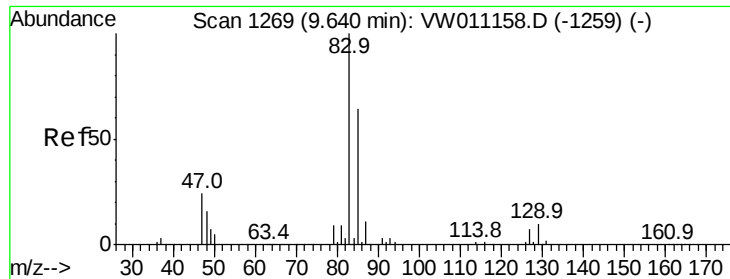
Ion Ratio Lower Upper

93 100

95 83.1 67.2 100.8

174 93.4 76.3 114.5





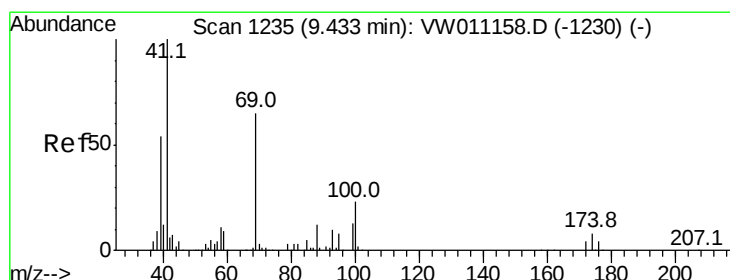
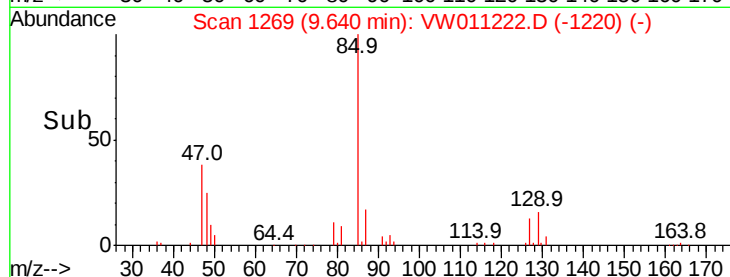
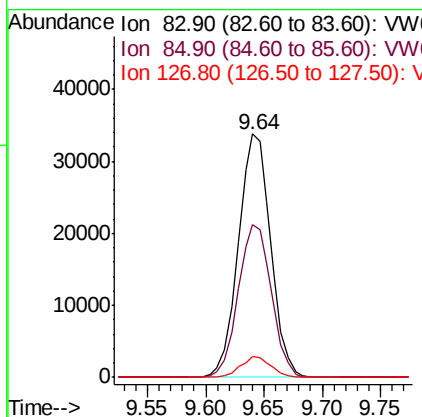
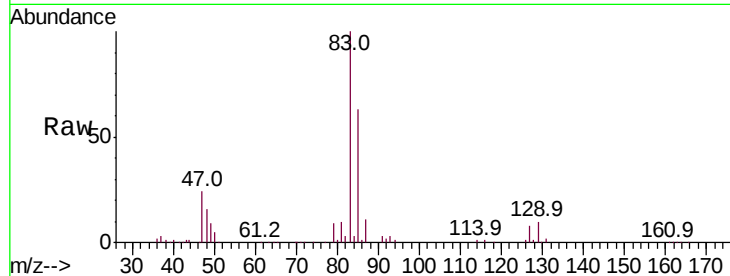
#47
 Bromodichloromethane
 Concen: 18.905 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	83	Resp	65347
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	51.0	76.4
127	8.3	6.0	9.0

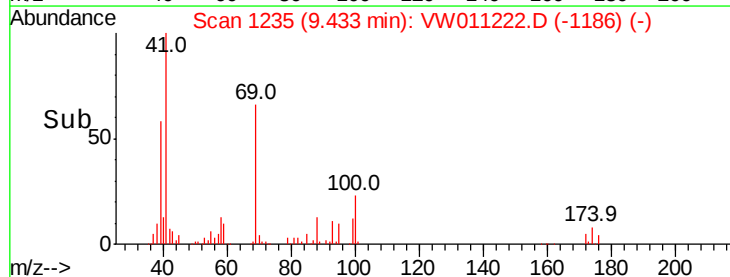
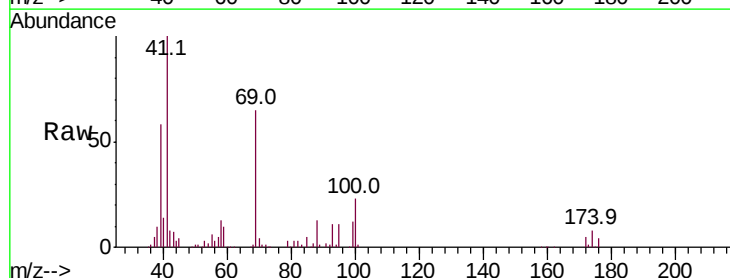
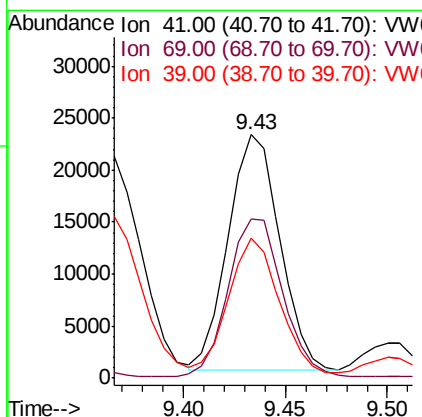
Manual Integrations
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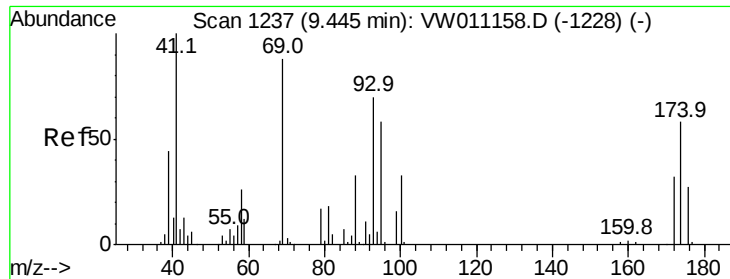
MMDadoda
 7/15/2019 2:05:59 PM



#48
 Methyl methacrylate
 Concen: 18.990 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion	41	Resp	39824
Ion Ratio	100	Lower	Upper
41	100		
69	73.5	56.0	84.0
39	55.2	43.5	65.3





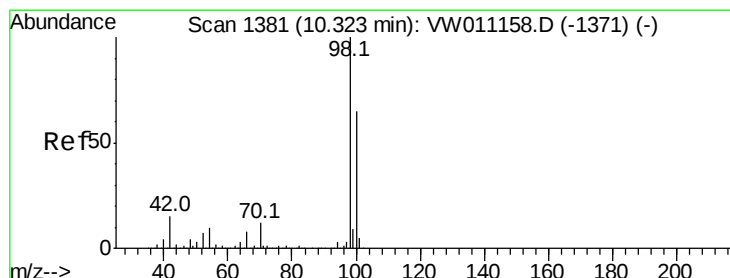
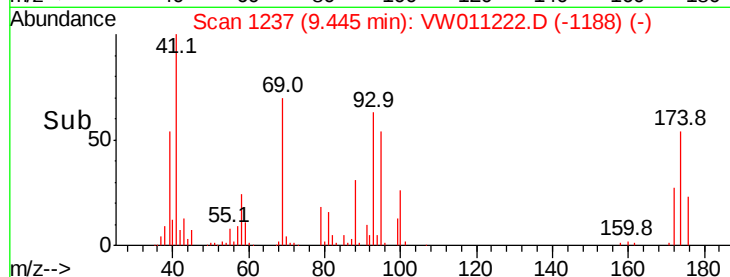
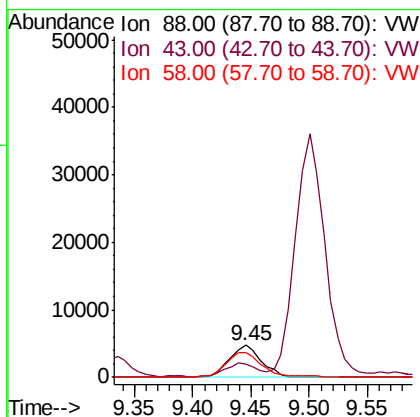
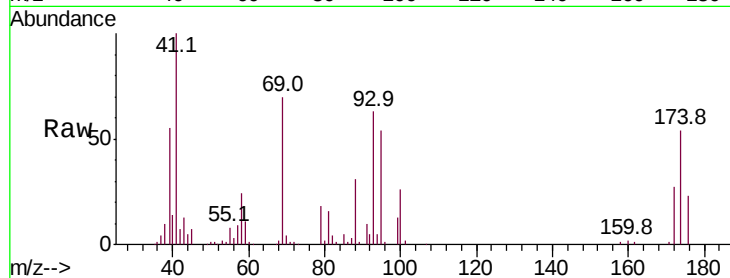
#49
1,4-Dioxane
Concen: 413.007 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion: 88 Resp: 9313
Ion Ratio Lower Upper
88 100
43 41.3 33.4 50.0
58 85.7 64.5 96.7

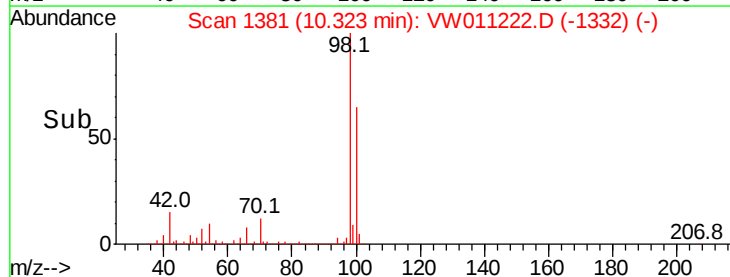
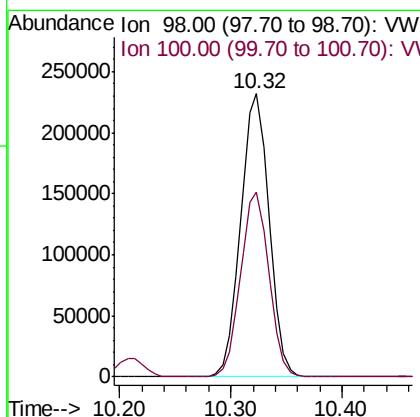
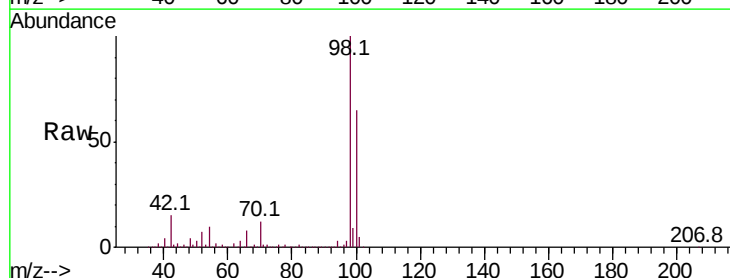
Manual Integrations
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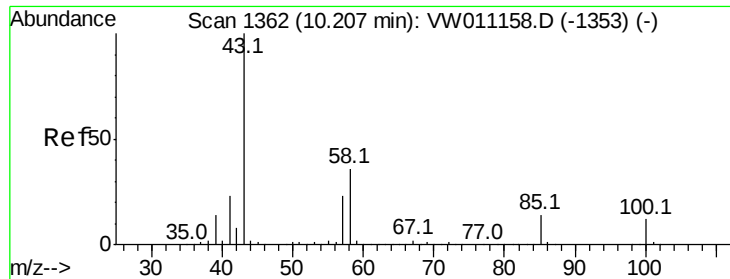
MMDadoda
7/15/2019 2:05:59 PM



#50
Toluene-d8
Concen: 47.303 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion: 98 Resp: 411256
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 97.415 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 43 Resp: 221819

Ion Ratio Lower Upper

43 100

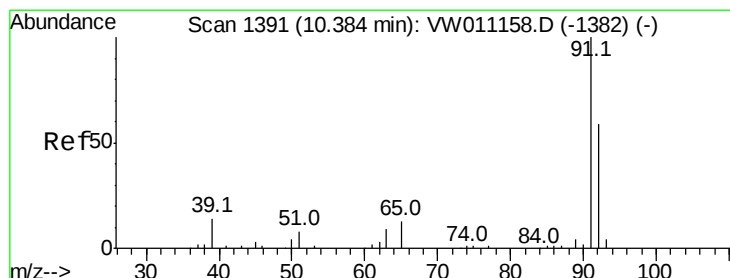
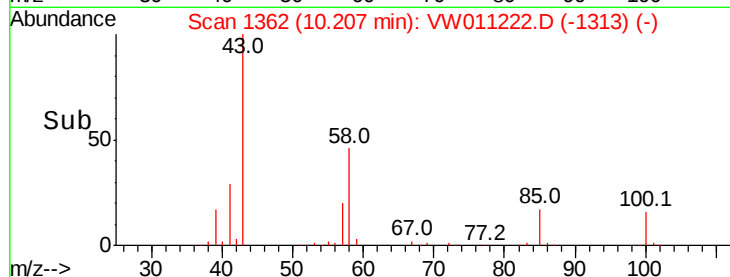
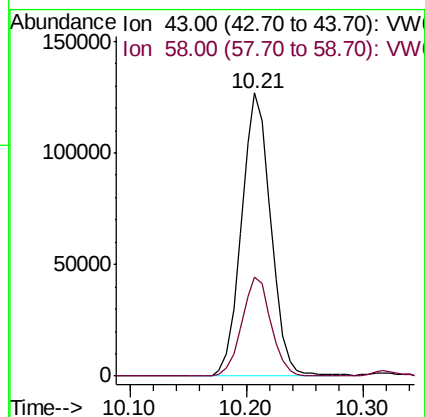
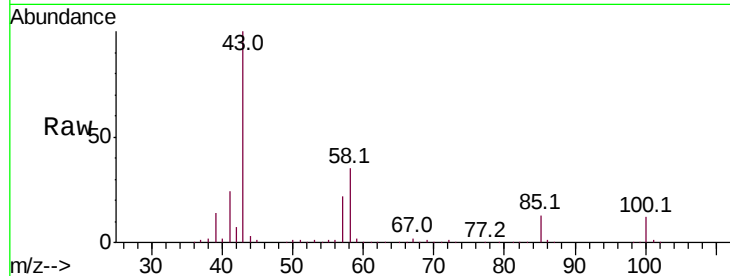
58 34.9 28.2 42.2

Manual Integrations

APPROVED

MMDadoda

7/15/2019 2:05:59 PM



#52

Toluene

Concen: 19.811 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011222.D

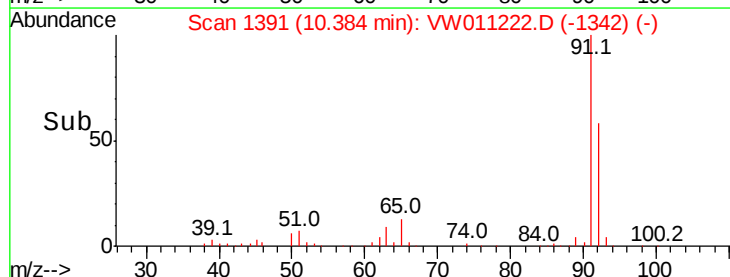
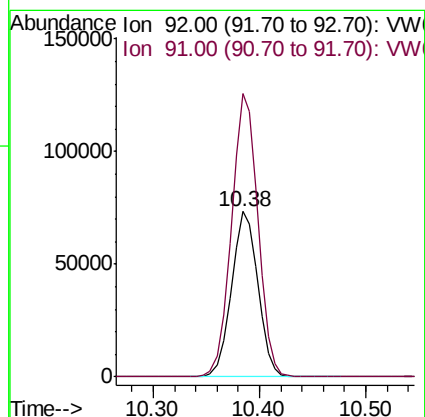
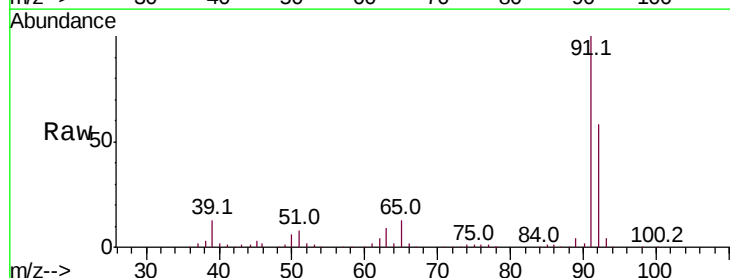
Acq: 11 Jul 2019 12:02

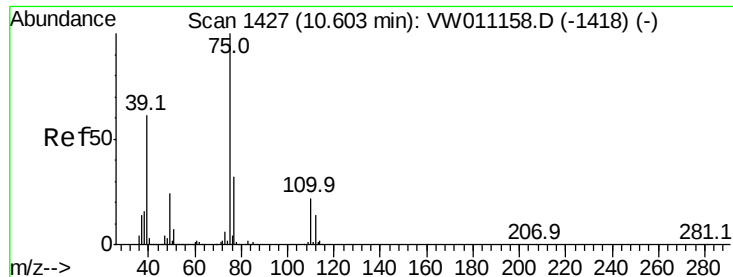
Tgt Ion: 92 Resp: 127626

Ion Ratio Lower Upper

92 100

91 171.3 136.6 205.0





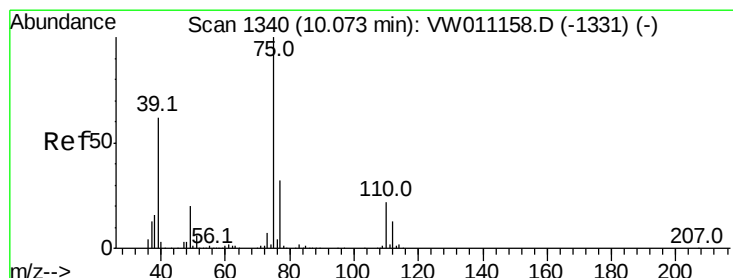
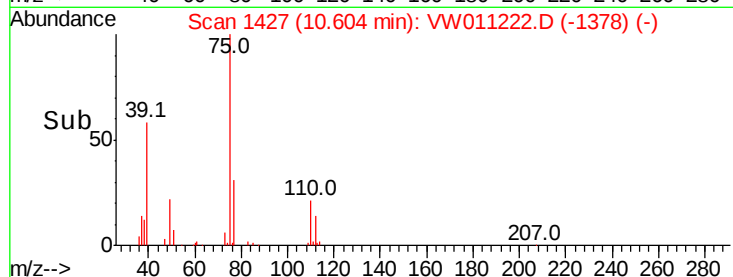
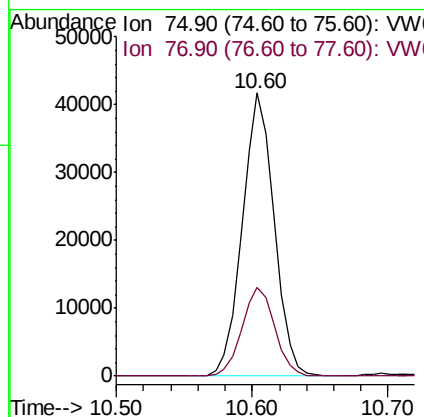
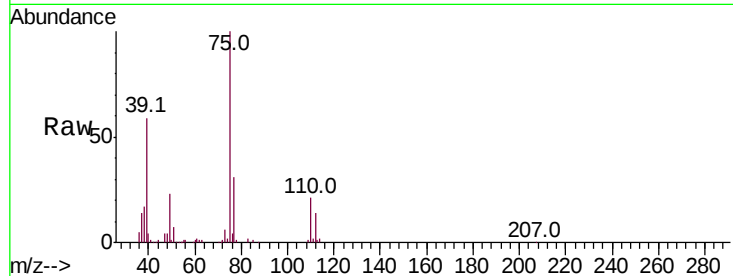
#53
t-1,3-Dichloropropene
Concen: 18.506 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	75	Resp	Lower	Upper
75	100			
77	31.2	25.4	38.0	

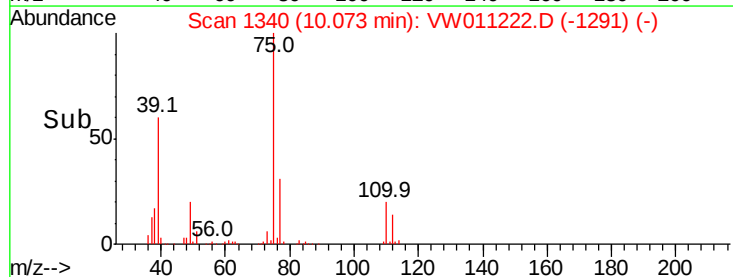
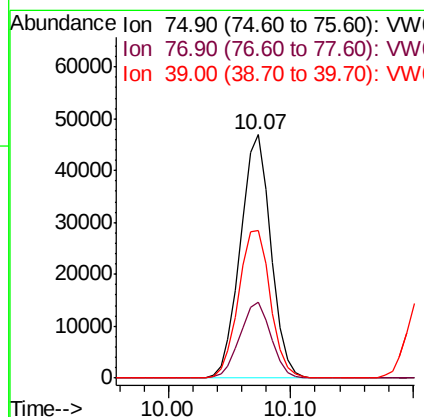
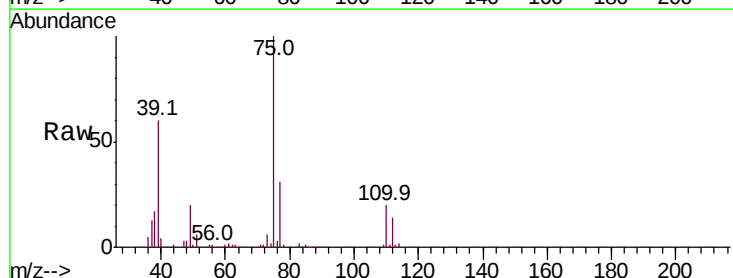
Manual Integrations
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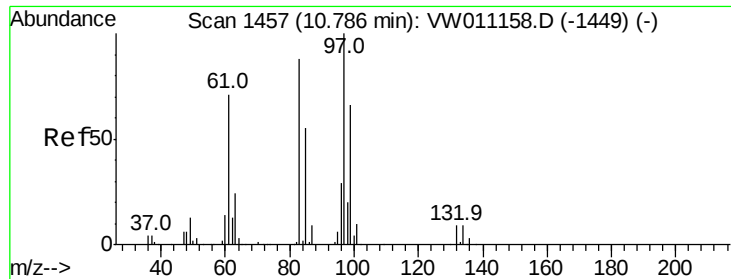
MMDadoda
7/15/2019 2:05:59 PM



#54
cis-1,3-Dichloropropene
Concen: 18.798 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	75	Resp	Lower	Upper
75	100			
77	31.1	25.7	38.5	
39	60.3	49.8	74.8	





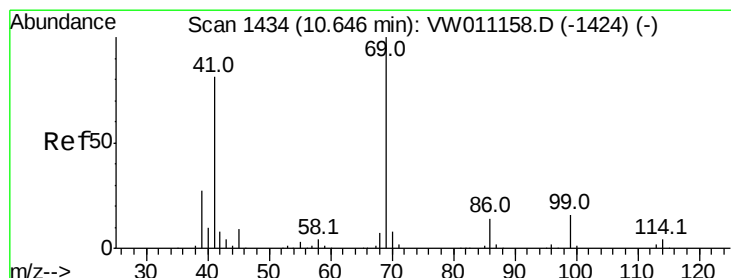
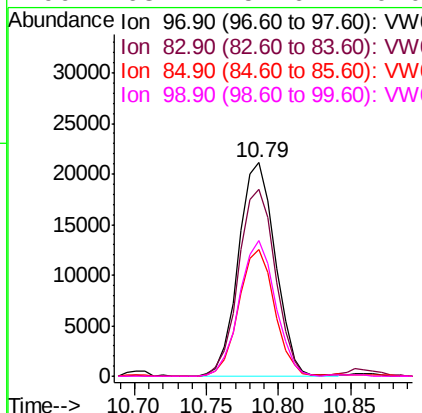
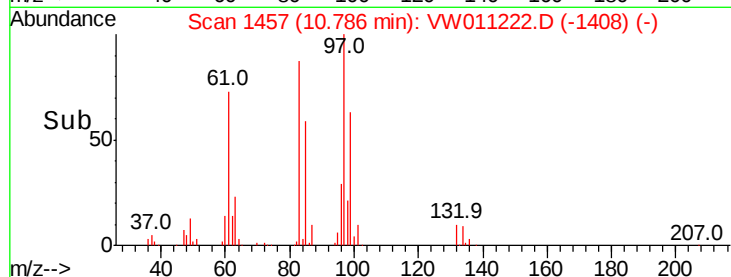
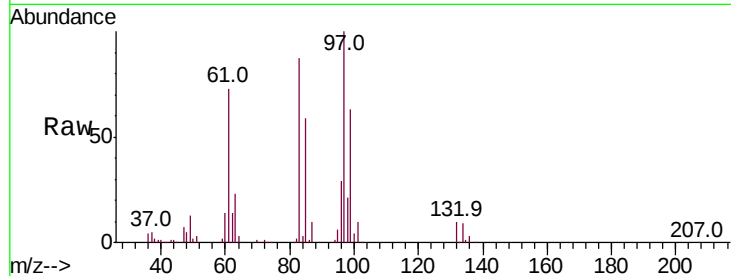
#55
 1,1,2-Trichloroethane
 Concen: 19.633 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.2	105.4
85	59.2	44.2	66.2
99	63.4	52.6	79.0

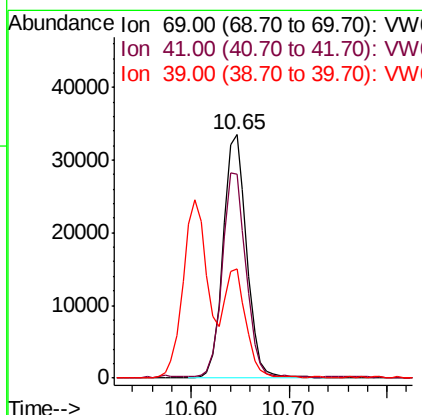
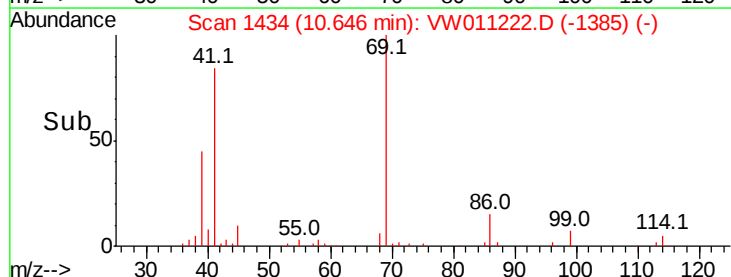
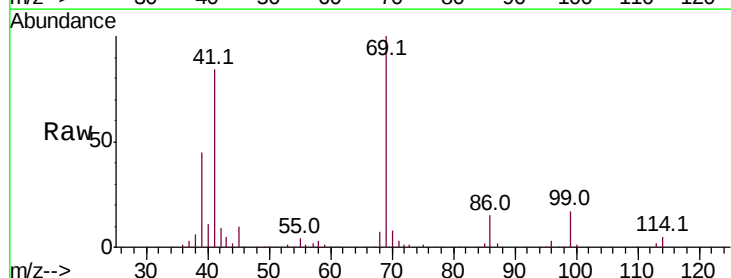
Manual Integrations
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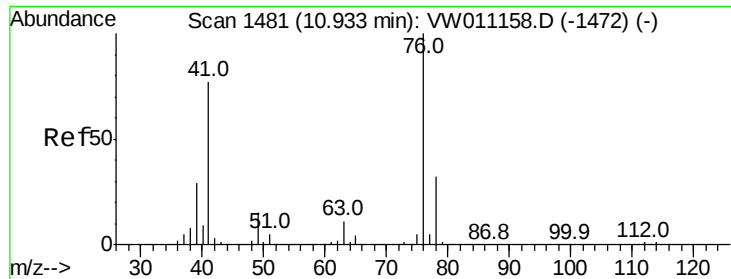
MMDadoda
 7/15/2019 2:05:59 PM



#56
 Ethyl methacrylate
 Concen: 19.131 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	84.6	66.5	99.7
39	39.8	32.5	48.7





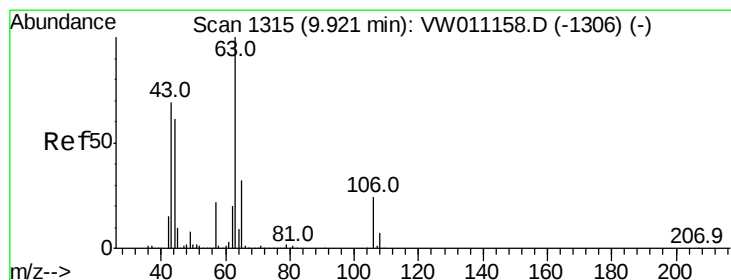
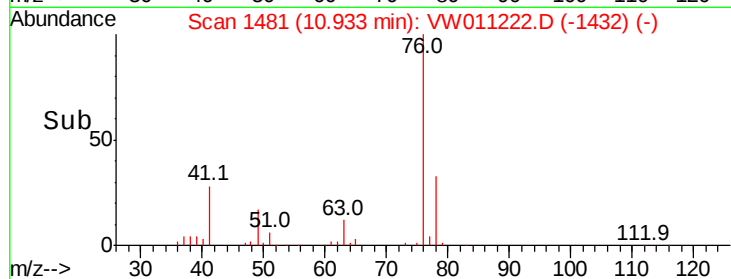
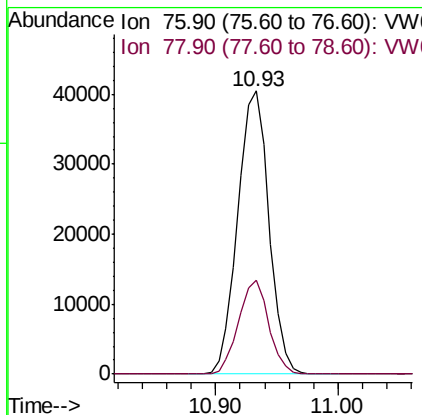
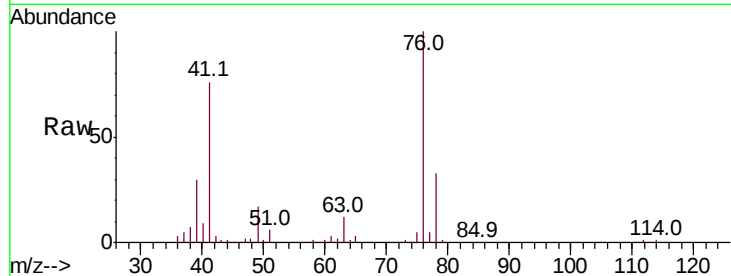
#57
 1,3-Dichloropropane
 Concen: 19.761 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion: 76 Resp: 71614
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2

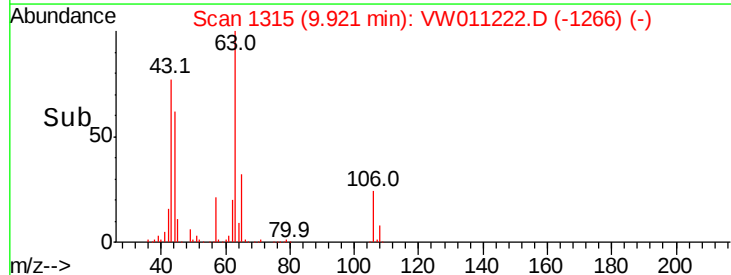
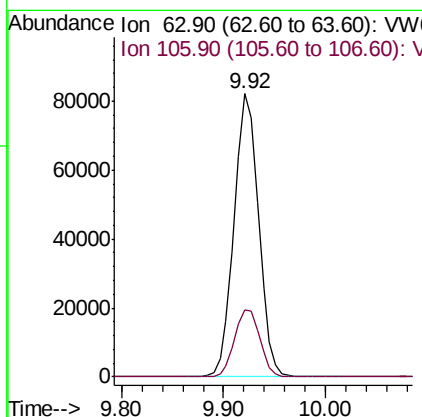
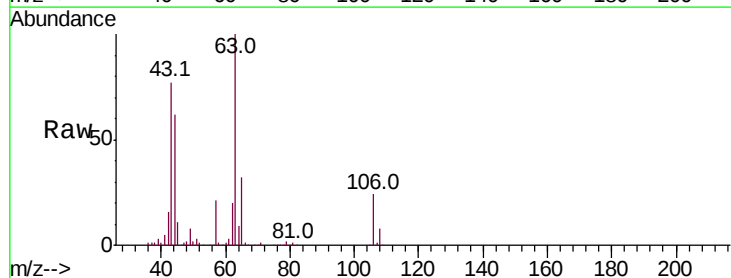
Manual Integrations
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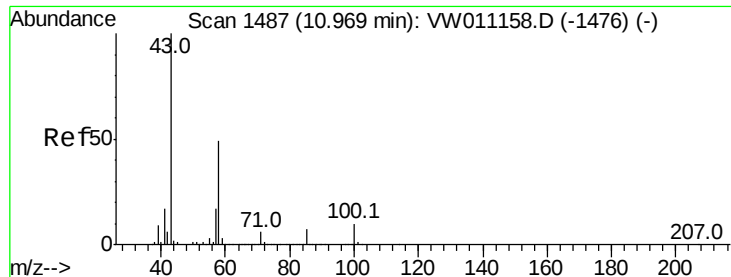
MMDadoda
 7/15/2019 2:05:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.950 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion: 63 Resp: 136555
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.4 29.0





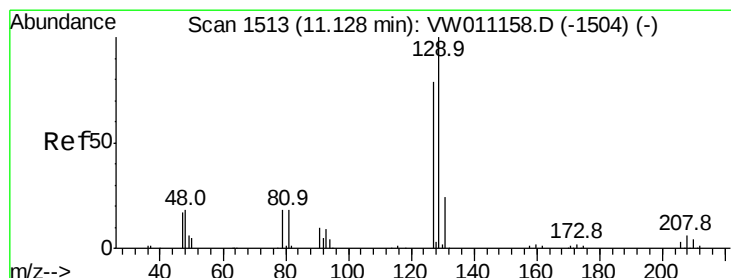
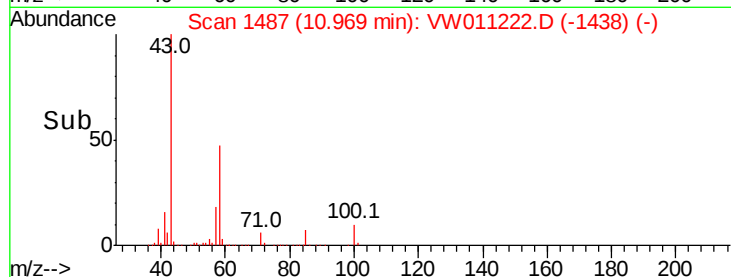
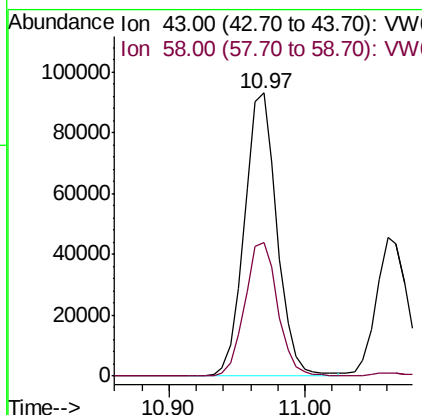
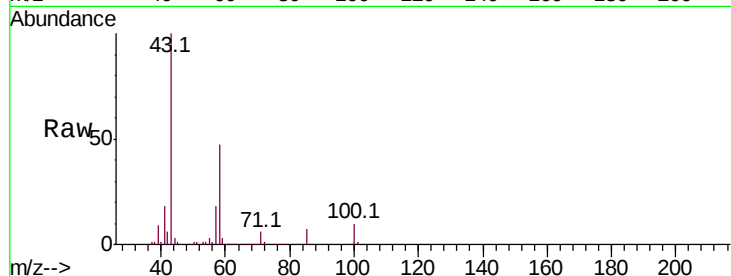
#59
2-Hexanone
Concen: 98.628 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampled :
VW0712SBSD01

Tot Ion: 43 Resp: 155747
Ion Ratio Lower Upper
43 100
58 48.0 24.4 73.4

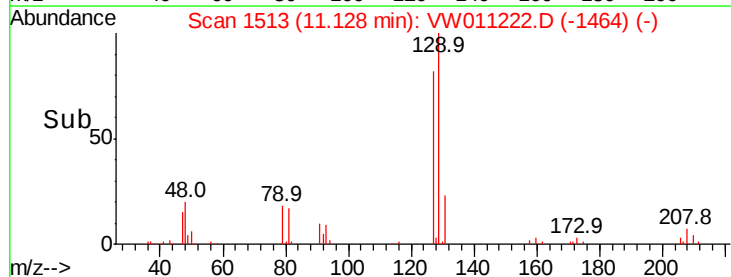
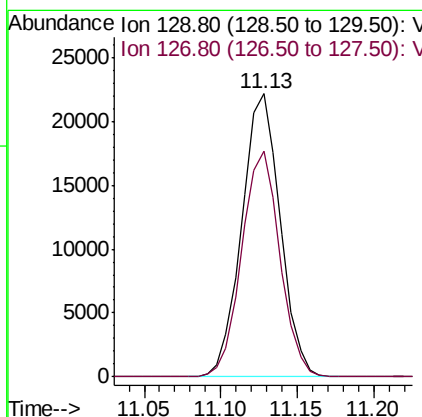
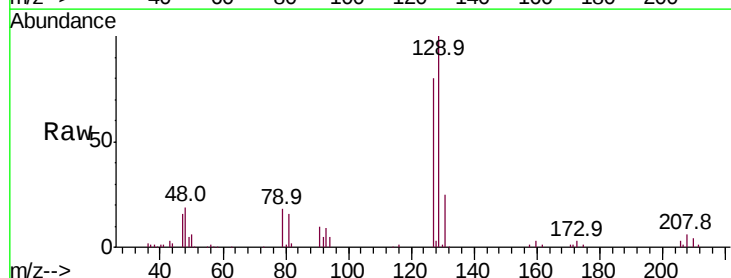
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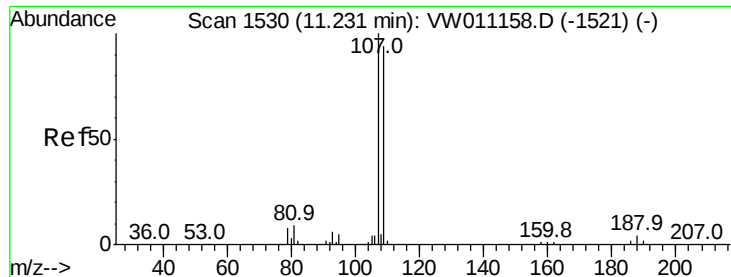
MMDadoda
7/15/2019 2:05:59 PM



#60
Dibromochloromethane
Concen: 18.456 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion: 129 Resp: 38787
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.721 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion:107 Resp: 35801

Ion Ratio Lower Upper

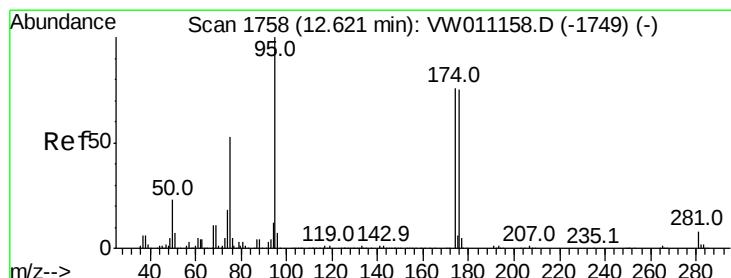
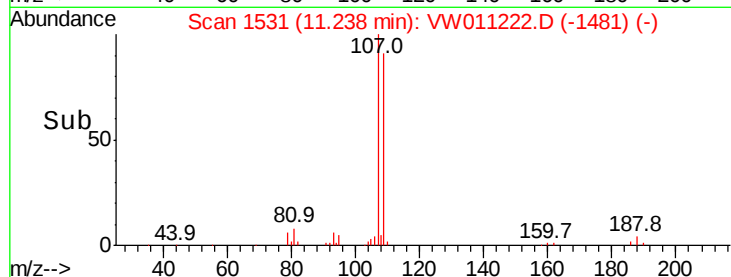
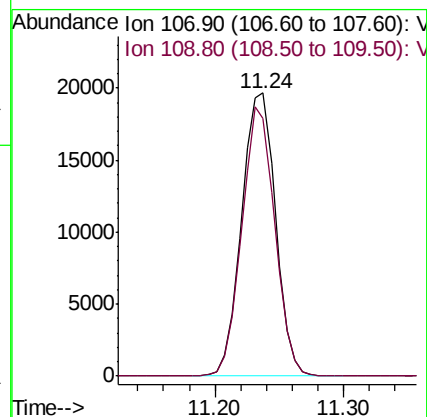
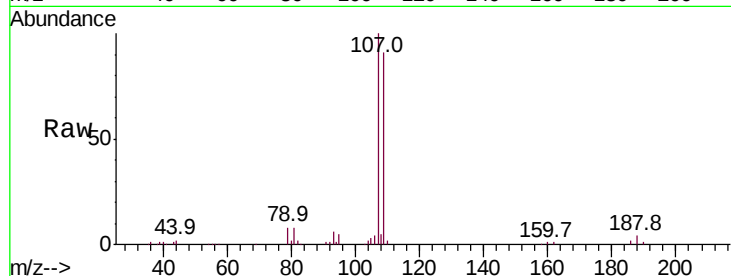
107 100

109 92.6 75.2 112.8

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7/15/2019 2:05:59 PM



#62

4-Bromofluorobenzene

Concen: 47.198 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011222.D

Acq: 11 Jul 2019 12:02

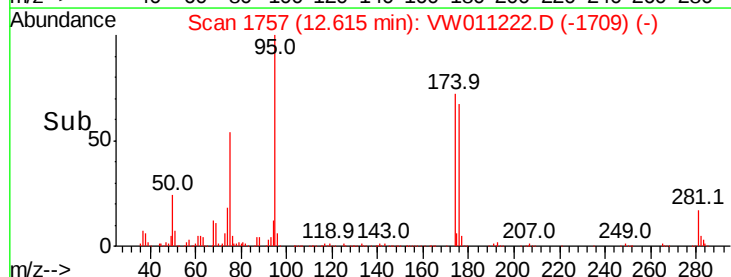
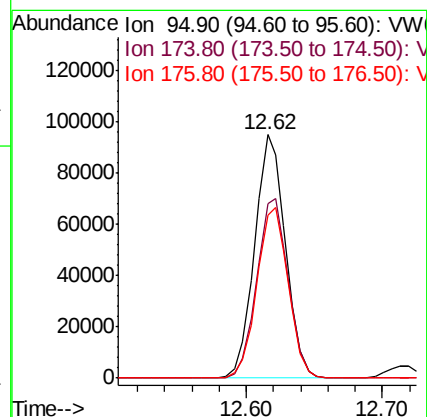
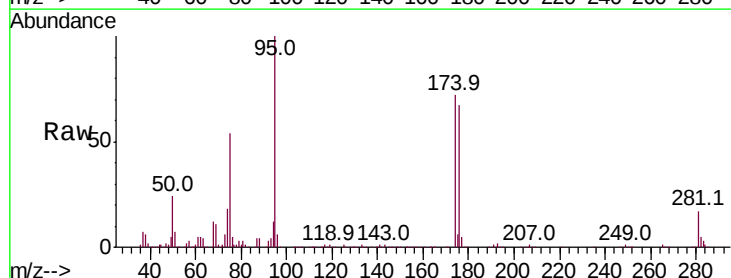
Tgt Ion: 95 Resp: 150406

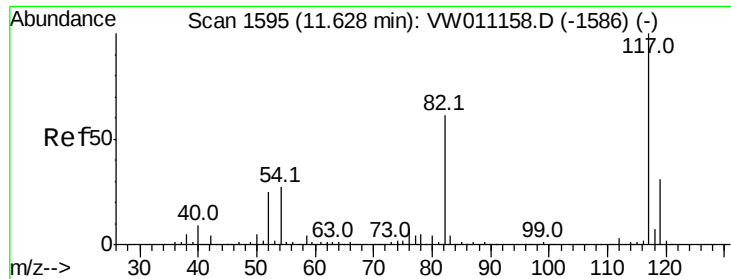
Ion Ratio Lower Upper

95 100

174 75.2 0.0 147.6

176 71.6 0.0 144.6





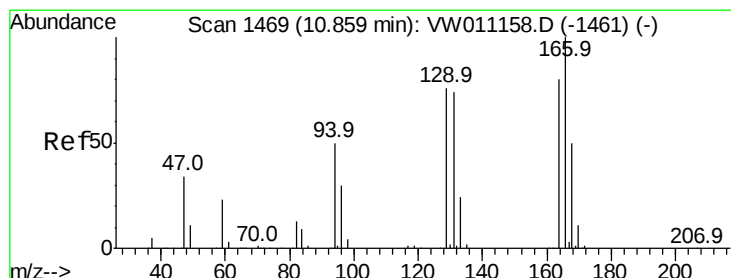
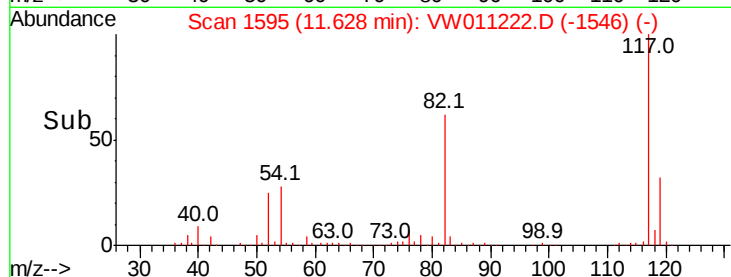
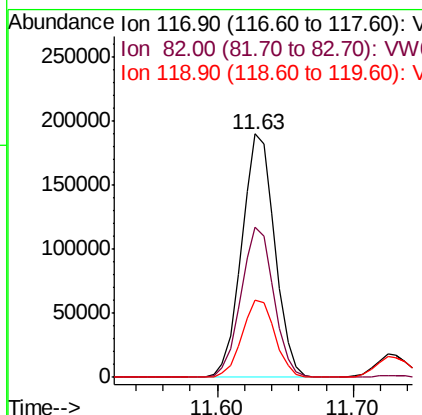
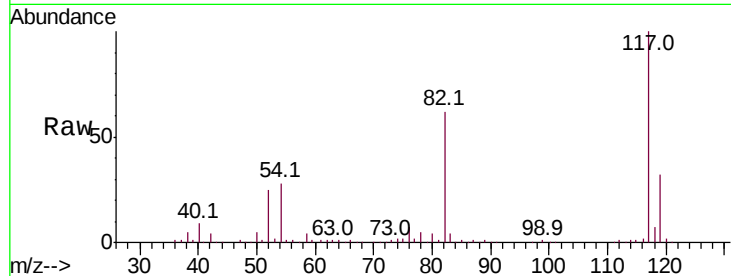
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	48.9	73.3
119	31.8	25.0	37.6

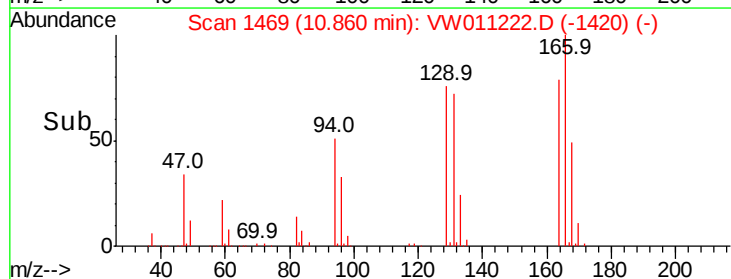
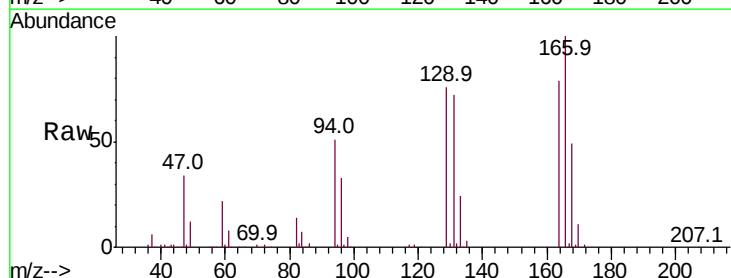
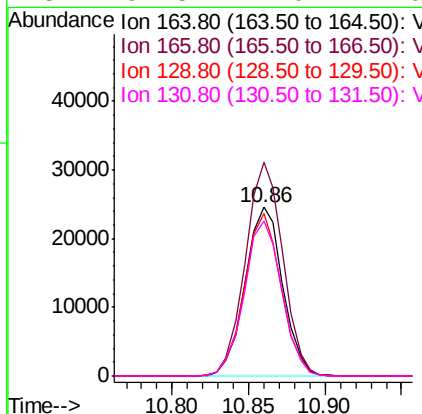
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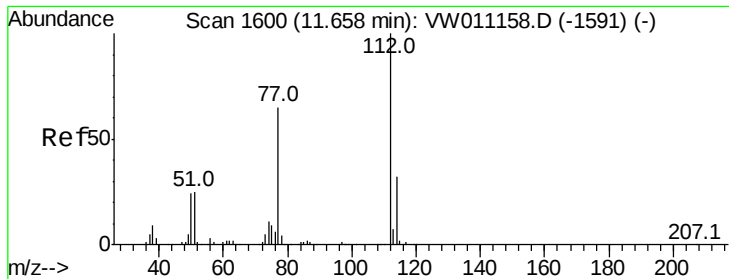
MMDadoda
7/15/2019 2:05:59 PM



#64
Tetrachloroethene
Concen: 19.355 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	99.7	149.5
129	96.6	76.2	114.2
131	91.5	74.0	111.0





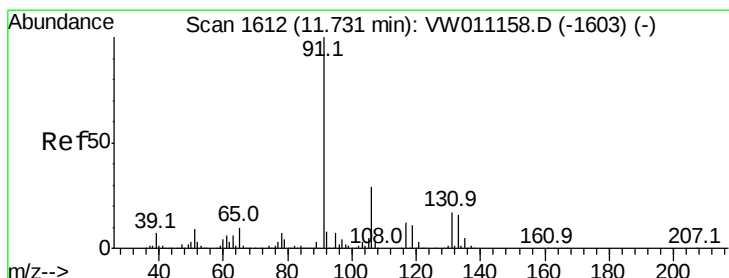
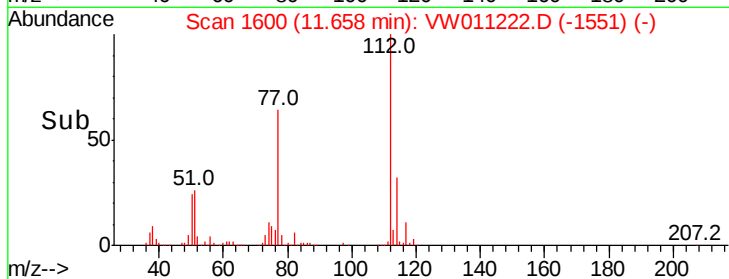
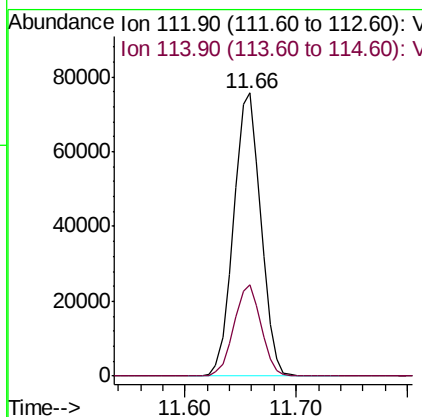
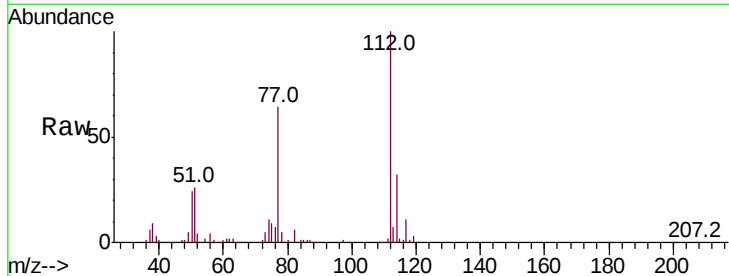
#65
Chlorobenzene
Concen: 19.533 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.5	38.3

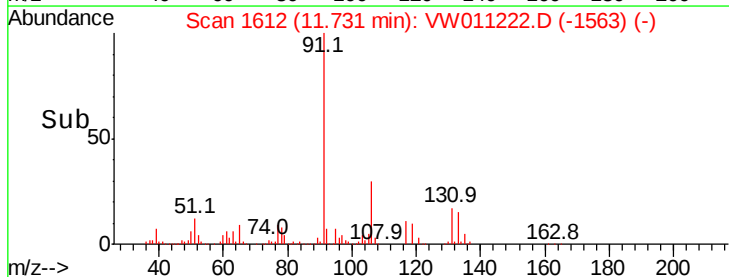
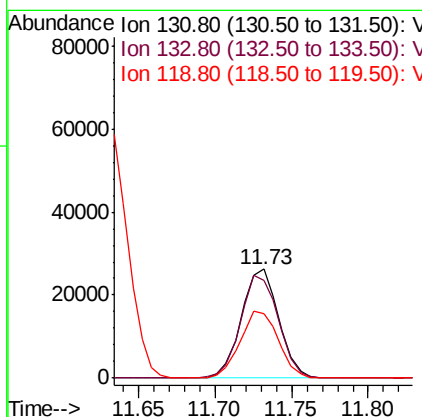
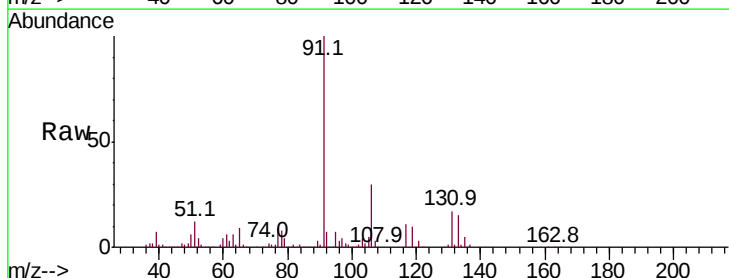
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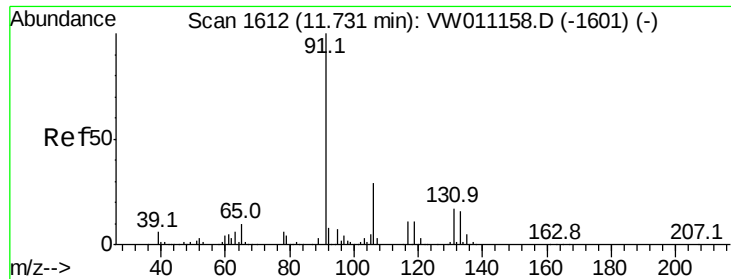
MMDadoda
7/15/2019 2:05:59 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.361 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.9	143.8
119	63.2	33.1	99.2





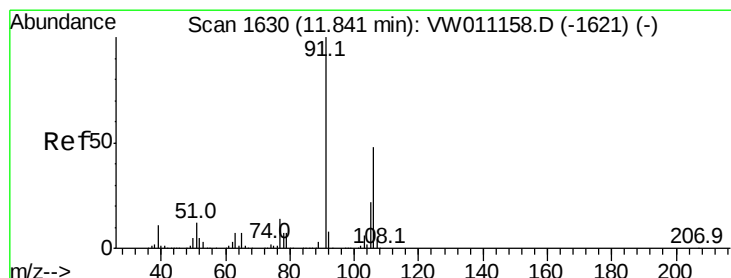
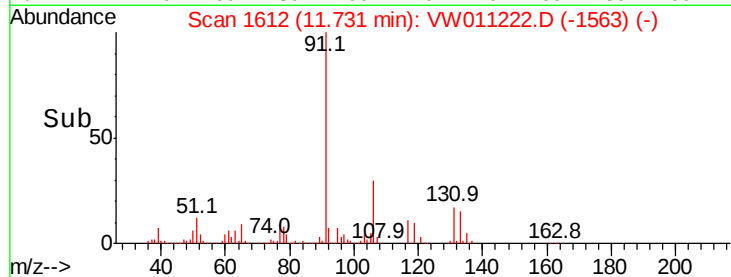
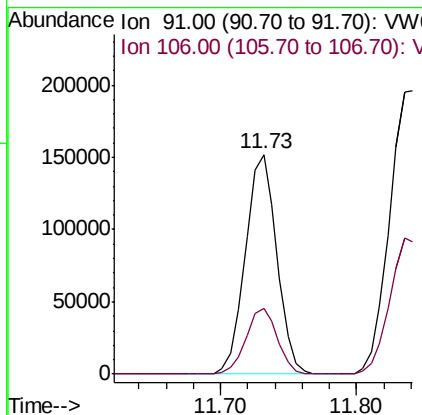
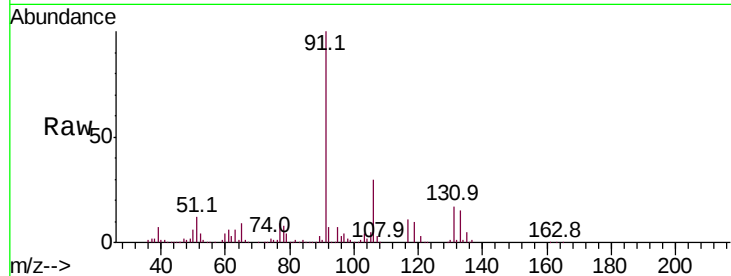
#67
Ethyl Benzene
Concen: 19.668 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion: 91 Resp: 245990
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3

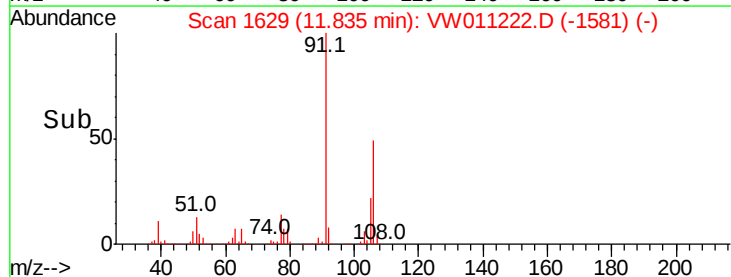
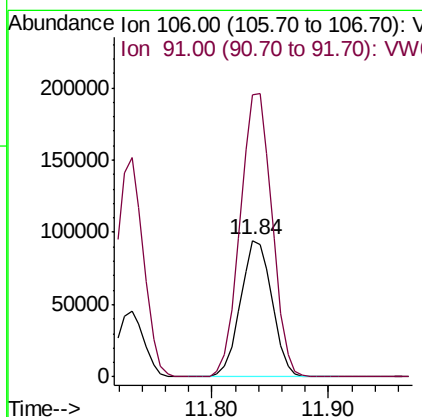
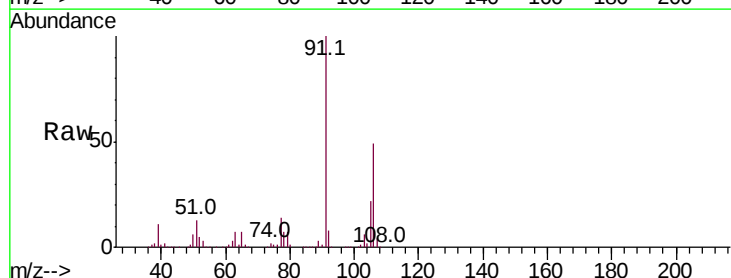
Manual Integrations
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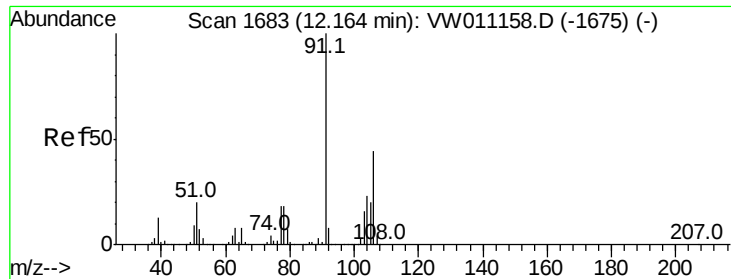
MMDadoda
7/15/2019 2:05:59 PM



#68
m/p-Xylenes
Concen: 39.413 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion: 106 Resp: 178367
Ion Ratio Lower Upper
106 100
91 210.0 167.7 251.5





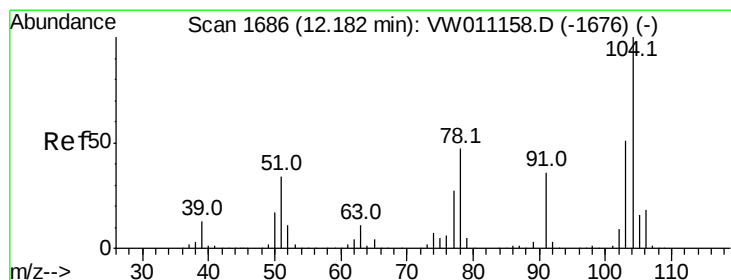
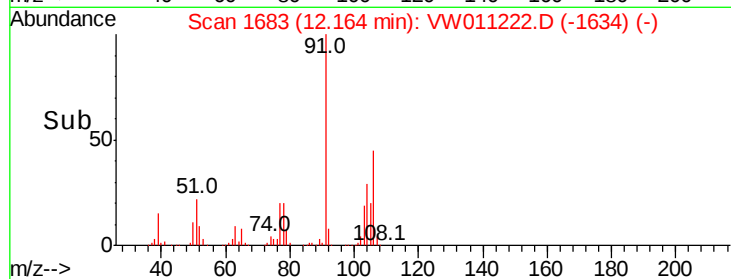
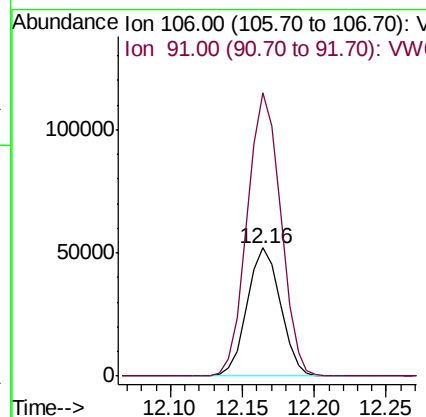
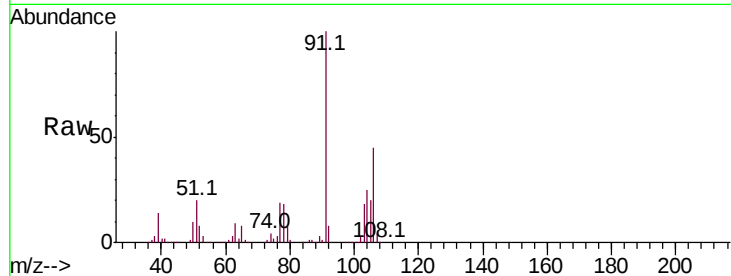
#69
o-Xylene
Concen: 19.576 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion:106 Resp: 83499
Ion Ratio Lower Upper
106 100
91 221.9 110.7 332.1

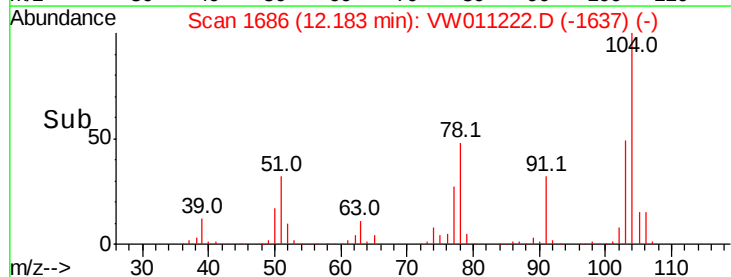
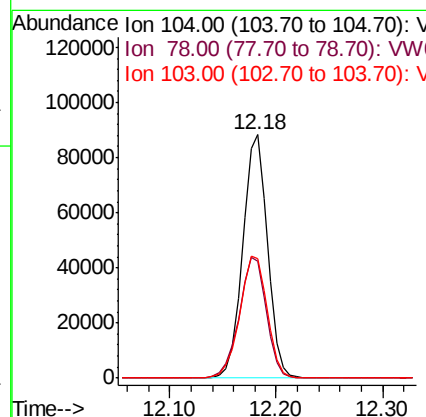
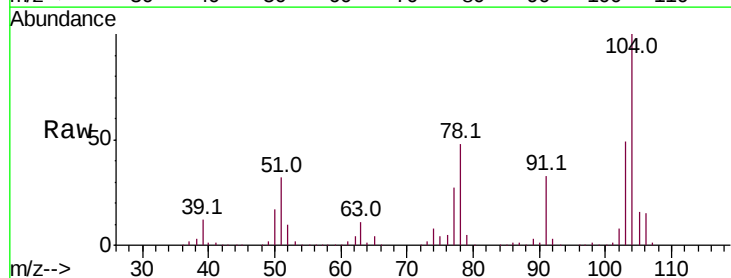
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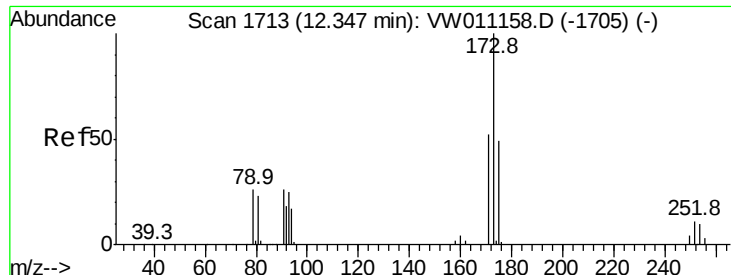
MMDadoda
7/15/2019 2:05:59 PM



#70
Styrene
Concen: 19.595 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion:104 Resp: 144249
Ion Ratio Lower Upper
104 100
78 54.7 43.1 64.7
103 55.6 44.1 66.1





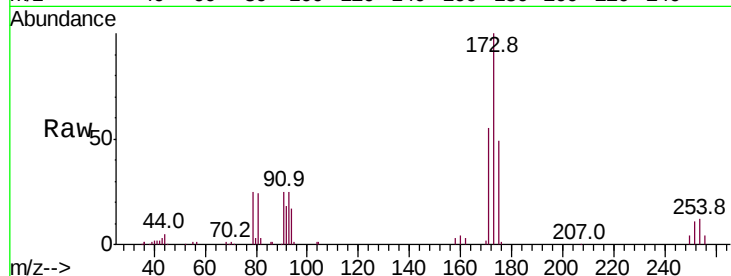
#71
Bromoform
Concen: 17.620 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.3
254	0.0	0.0	0.0

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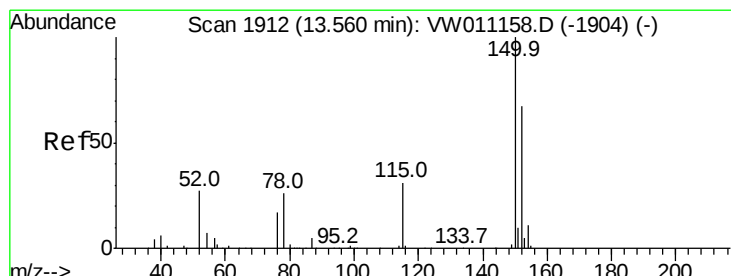
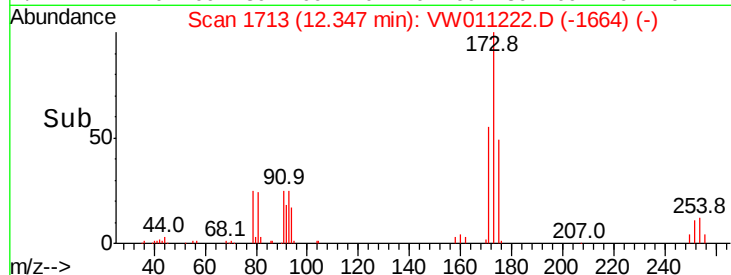
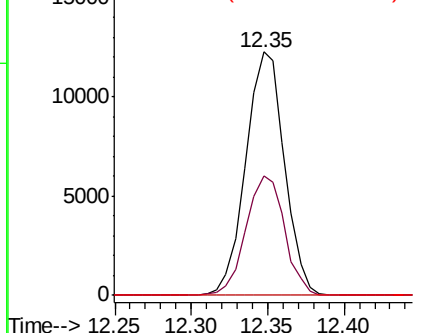


Abundance

Ion 172.70 (172.40 to 173.40): V

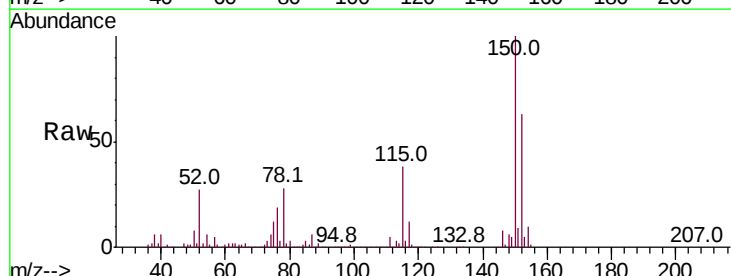
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.1	90.3
150	162.3	0.0	346.0

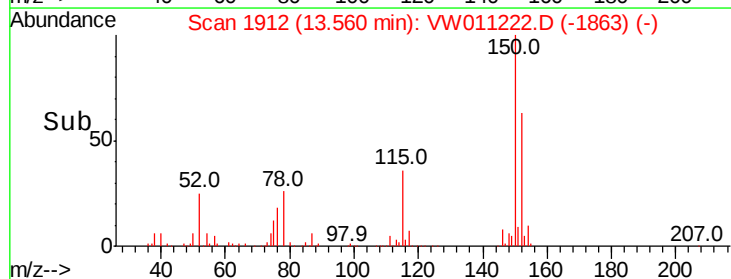
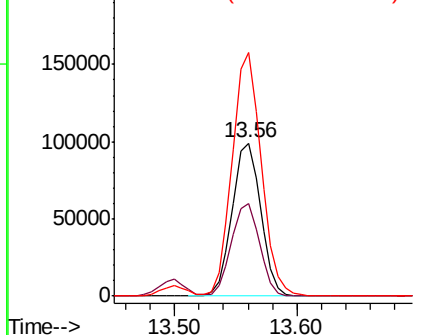


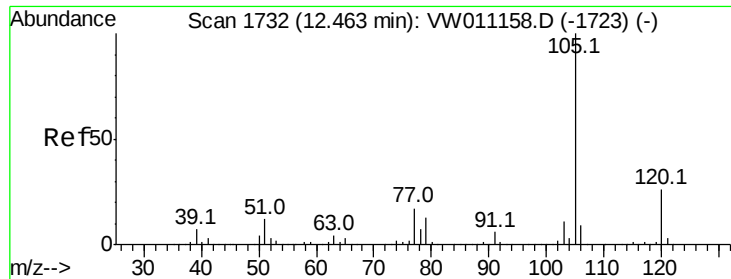
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





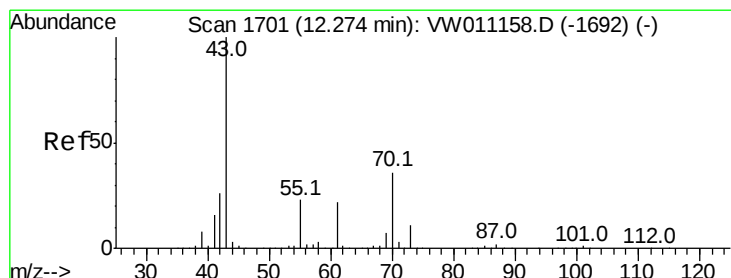
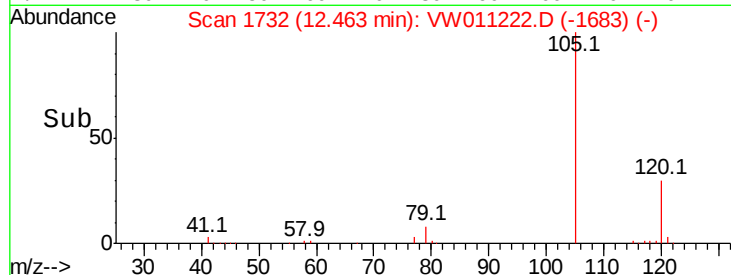
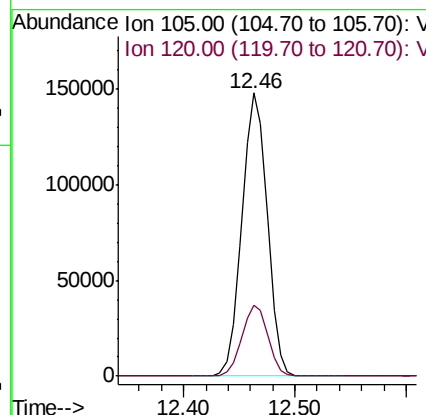
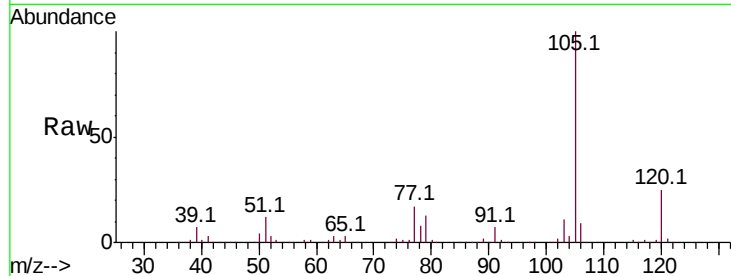
#73
Isopropylbenzene
Concen: 19.509 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.3

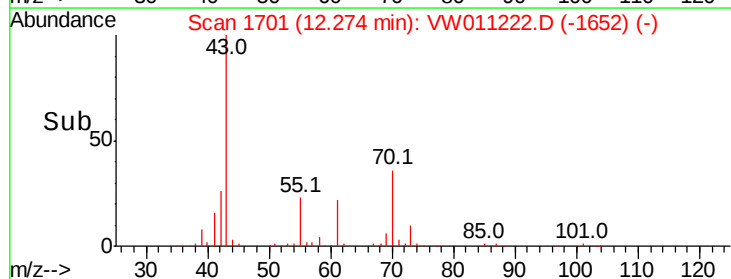
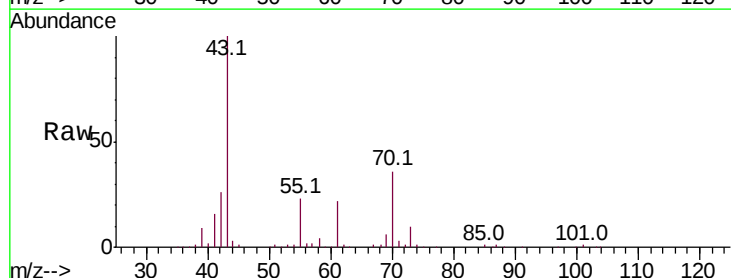
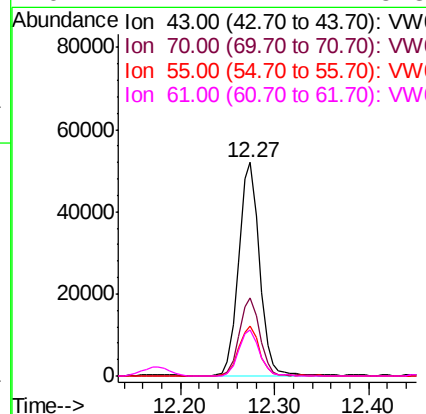
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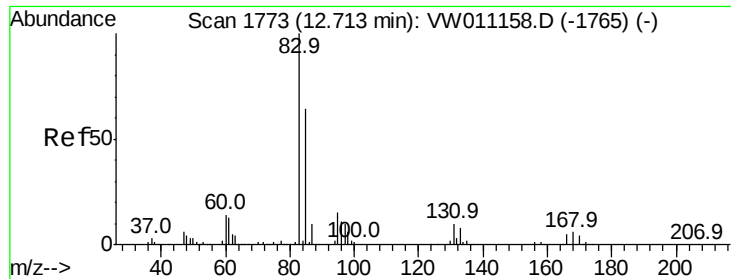
MMDadoda
7/15/2019 2:05:59 PM



#74
N-ethyl acetate
Concen: 19.273 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.6	28.5	42.7
55	23.3	18.1	27.1
61	21.4	17.2	25.8





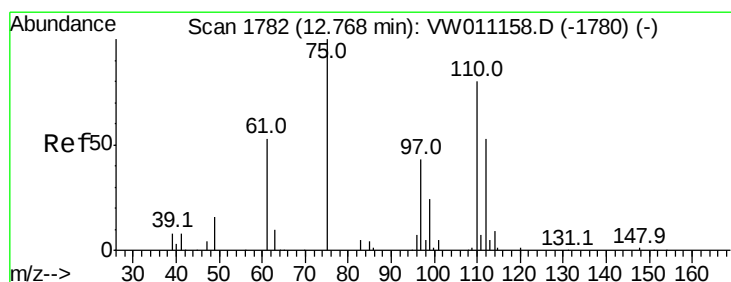
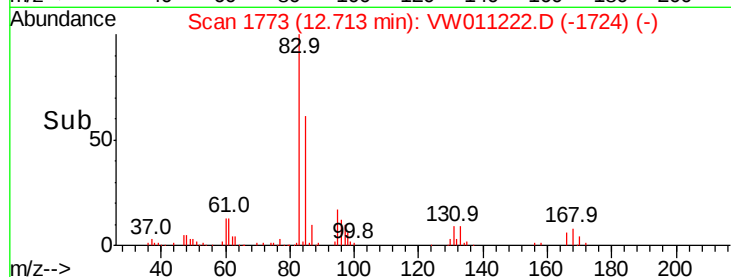
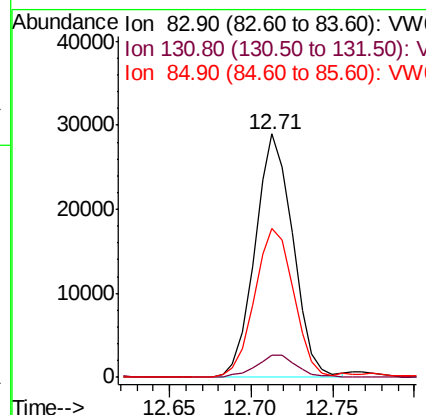
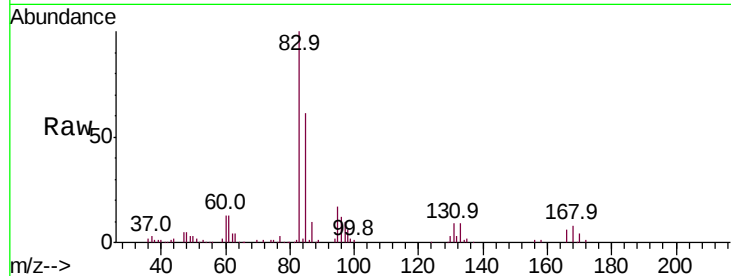
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.138 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	83	Resp	46808
Ion Ratio	100	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	63.2	31.6	94.8

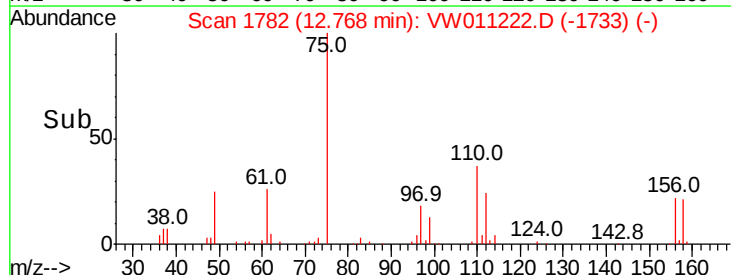
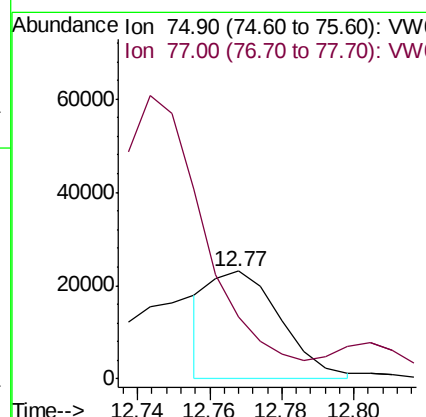
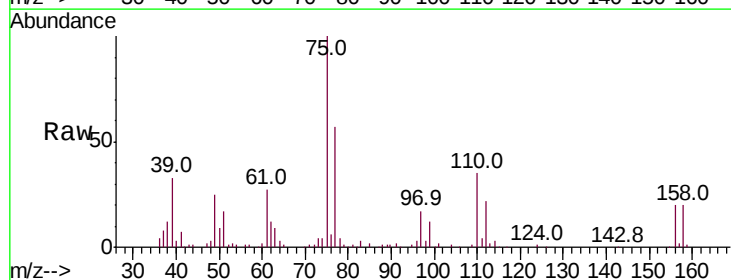
Manual Integrations
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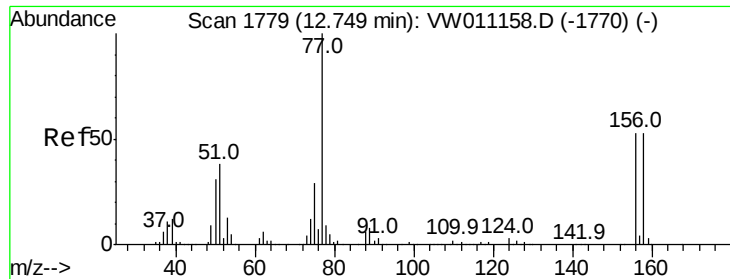
MMDadoda
 7/15/2019 2:05:59 PM



#76
 1,2,3-Trichloropropane
 Concen: 17.156 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion	75	Resp	31645
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





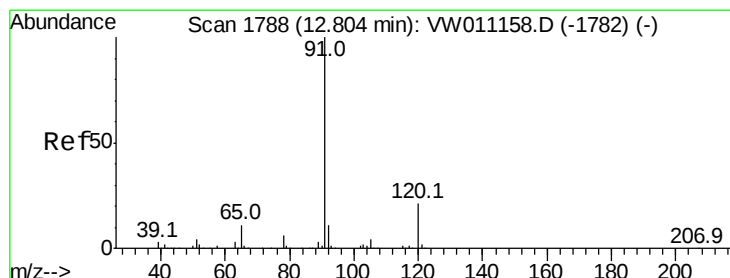
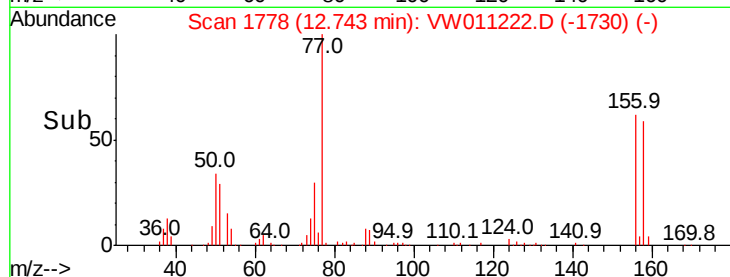
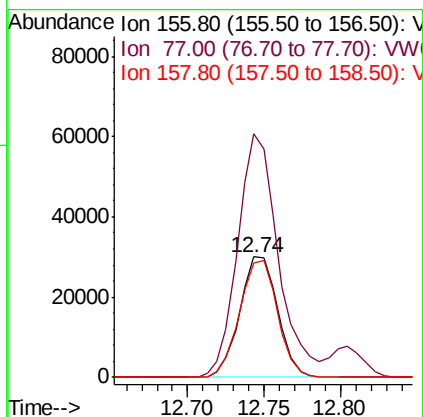
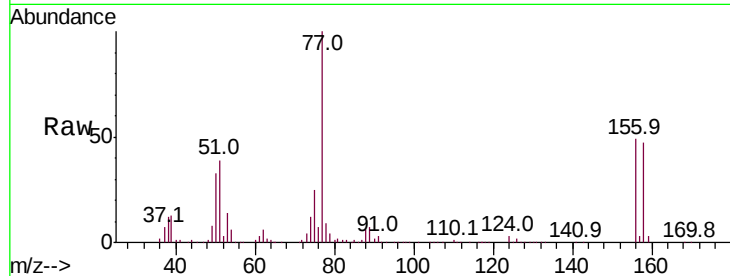
#77
Bromobenzene
Concen: 19.300 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	216.5	109.0	327.0
158	97.3	48.8	146.3

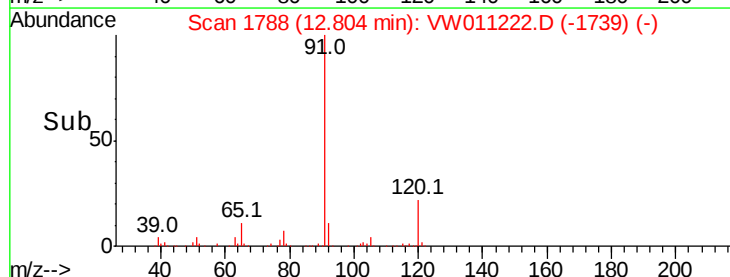
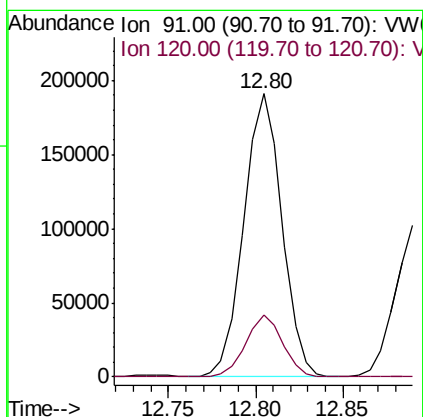
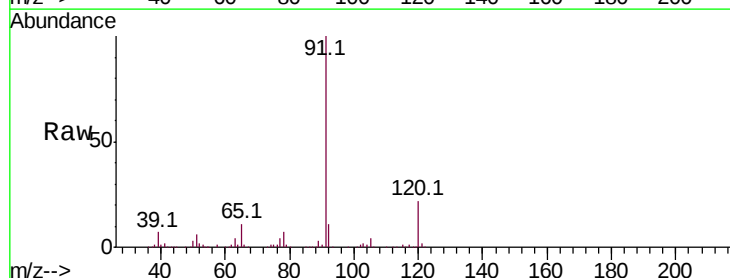
Manual Integrations
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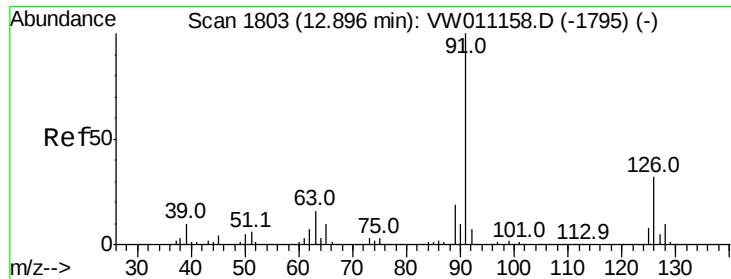
MMDadoda
7/15/2019 2:05:59 PM



#78
n-propylbenzene
Concen: 19.563 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.8	32.3





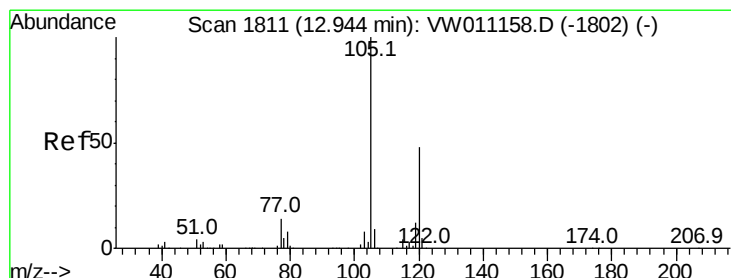
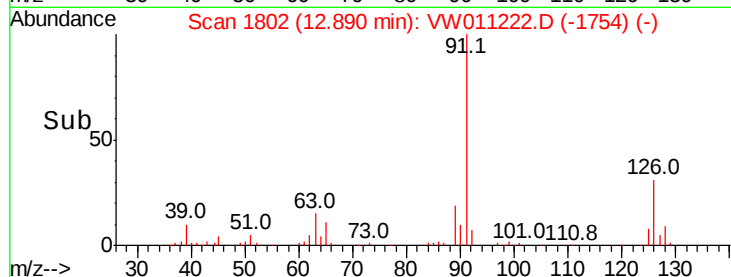
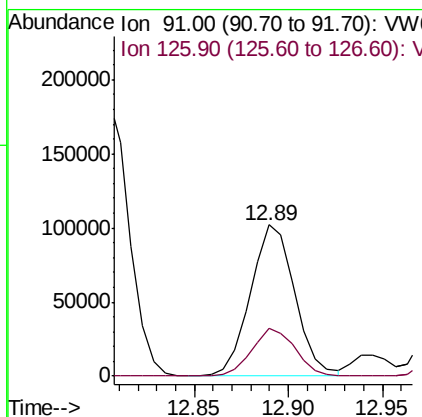
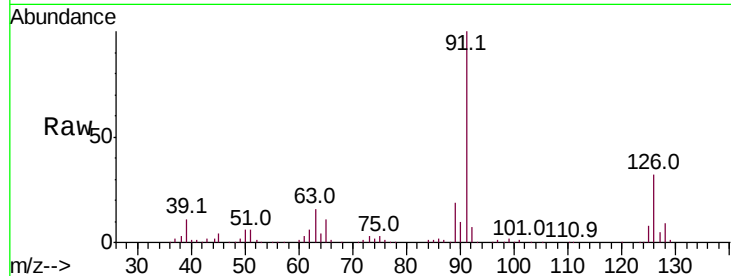
#79
2-Chlorotoluene
Concen: 19.639 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.8	47.3

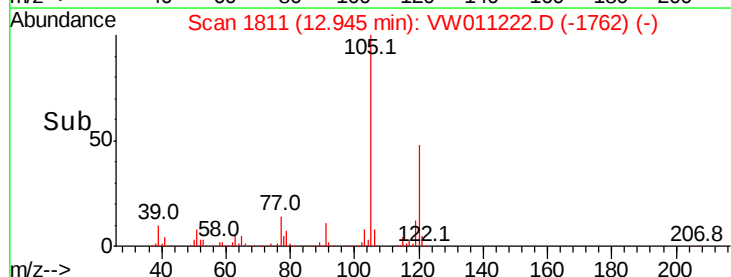
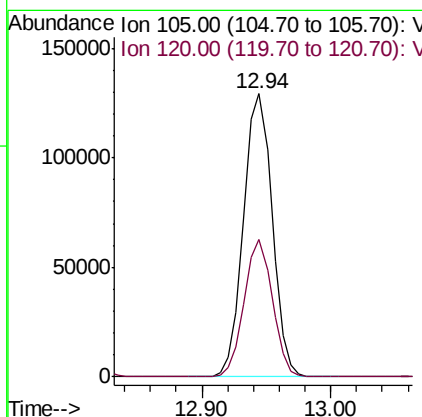
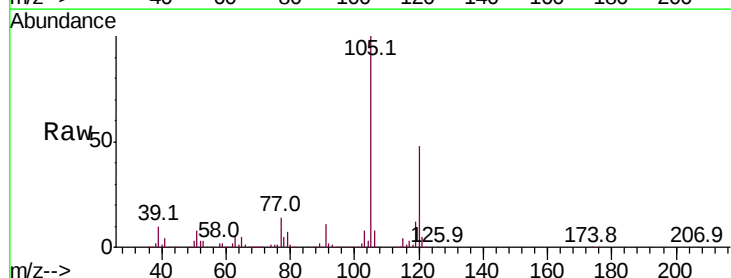
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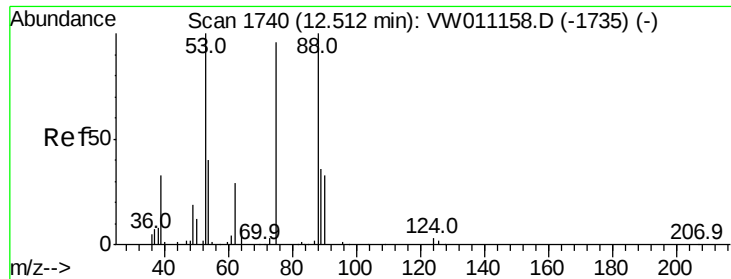
MMDadoda
7/15/2019 2:05:59 PM



#80
1,3,5-Trimethylbenzene
Concen: 19.542 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.1	72.2





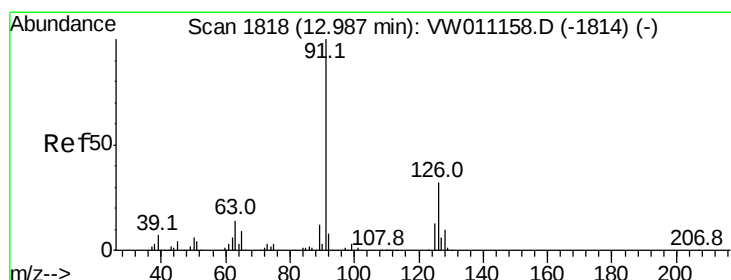
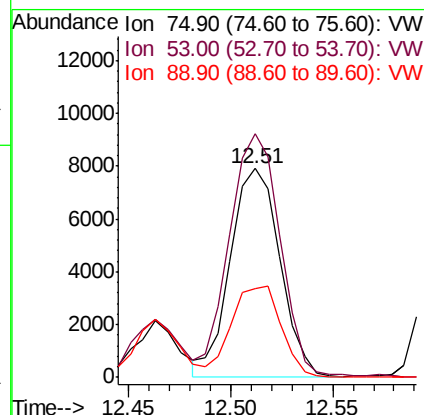
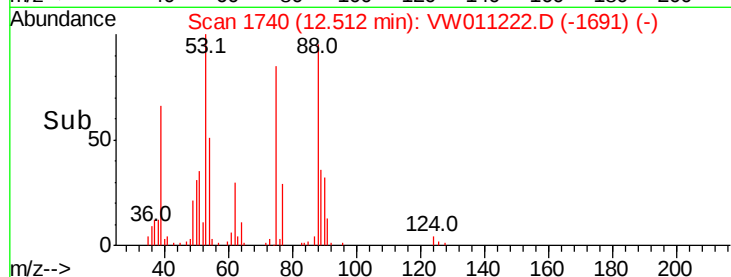
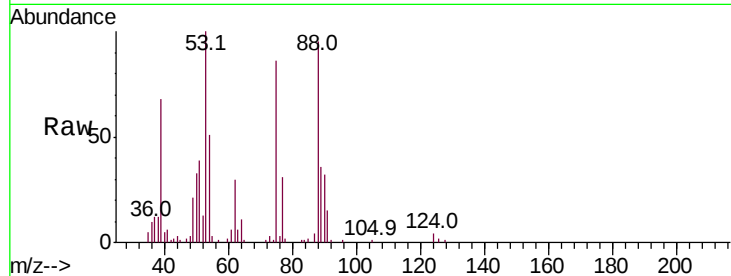
#81
trans-1,4-Dichloro-2-butene
Concen: 16.437 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.1	89.8	134.6
89	43.7	34.3	51.5

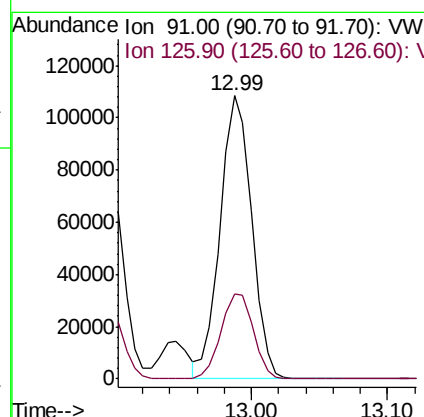
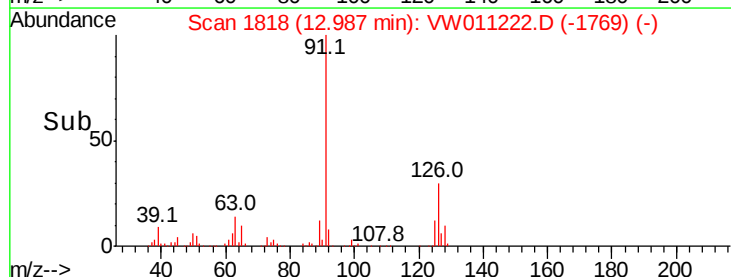
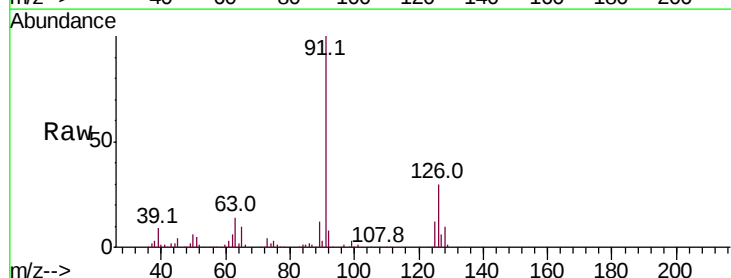
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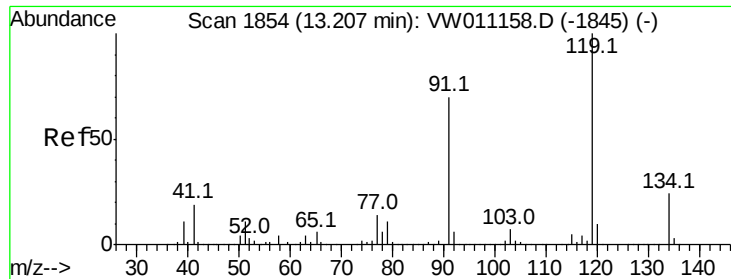
MMDadoda
7/15/2019 2:05:59 PM



#82
4-Chlorotoluene
Concen: 19.769 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.1





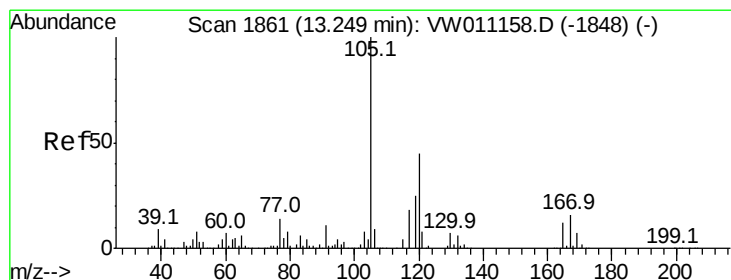
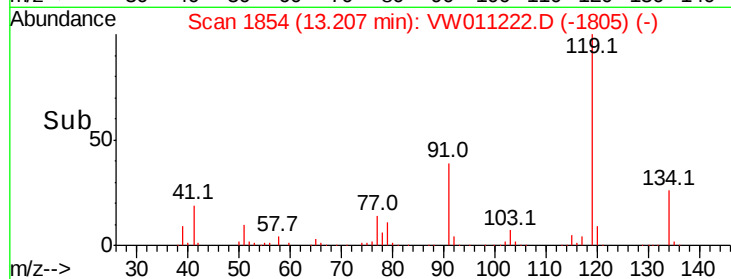
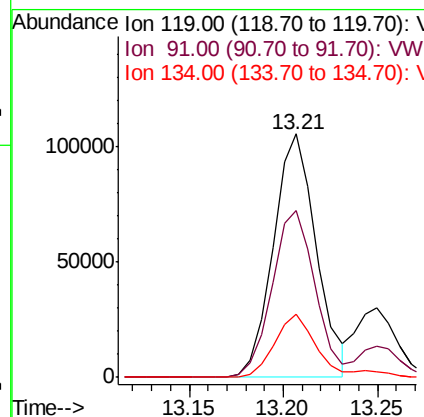
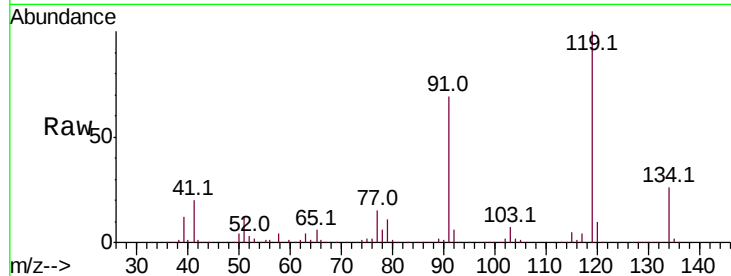
#83
 tert-Butylbenzene
 Concen: 19.749 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	166950		
91	68.3	35.4	106.3	
134	24.8	13.4	40.2	

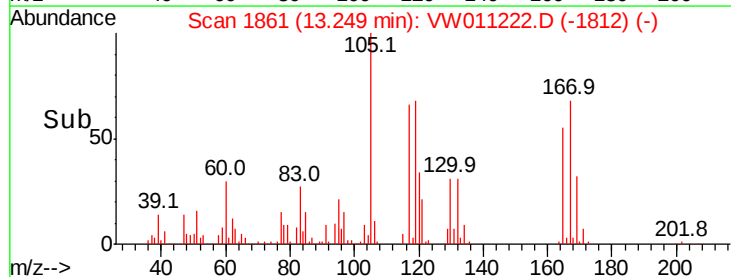
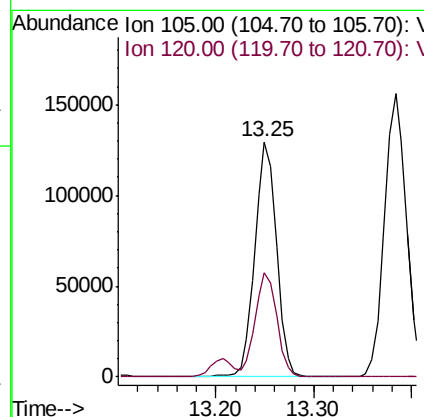
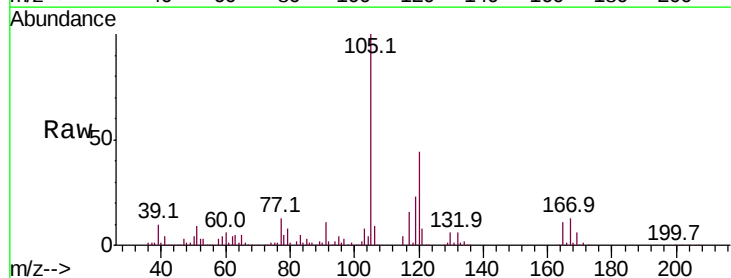
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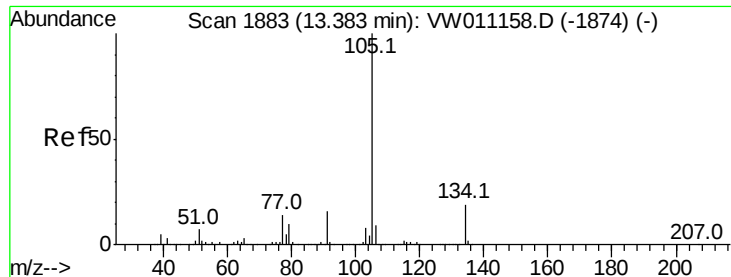
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.667 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200170		
120	44.2	22.3	66.9	





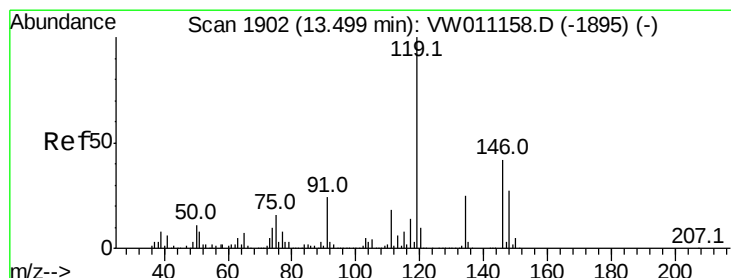
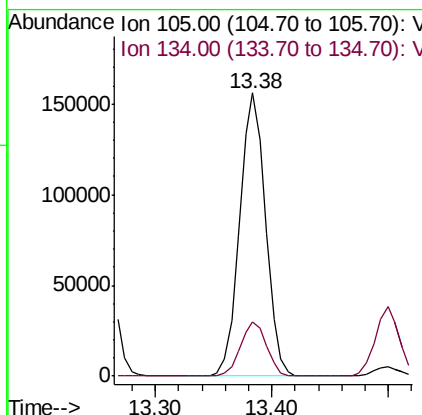
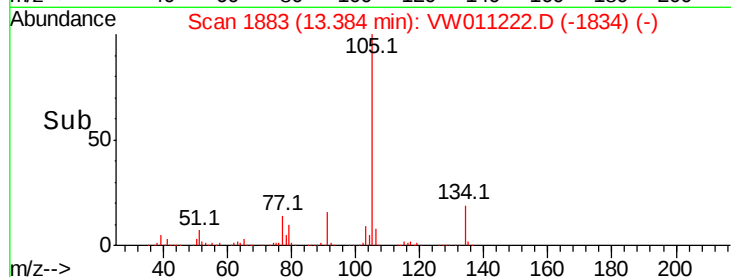
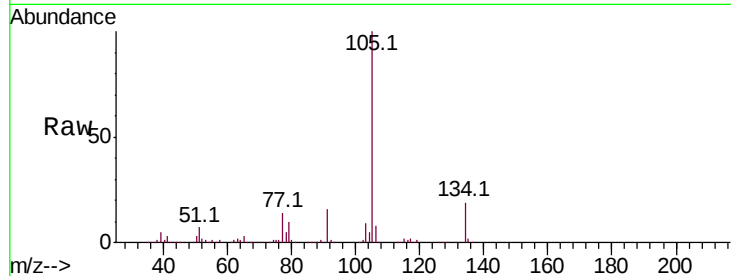
#85
 sec-Butylbenzene
 Concen: 19.828 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampled :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	28.9

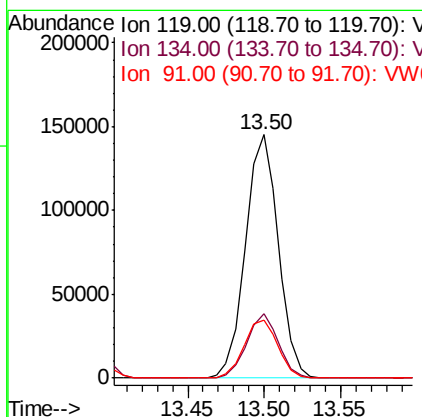
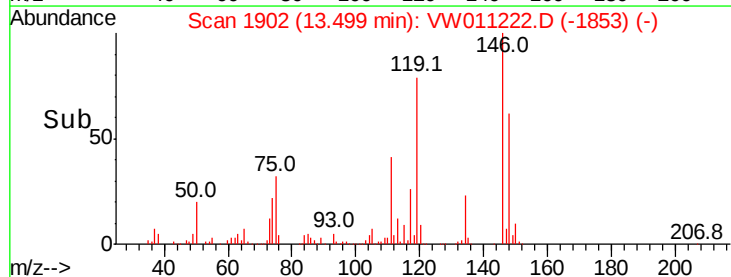
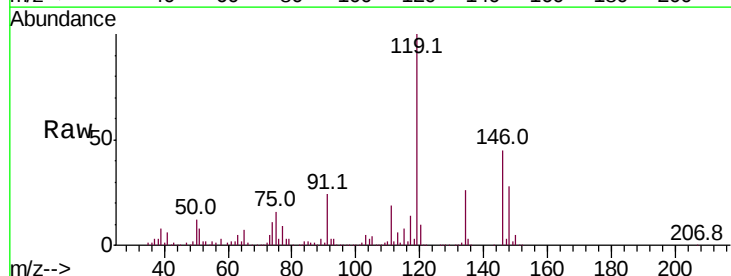
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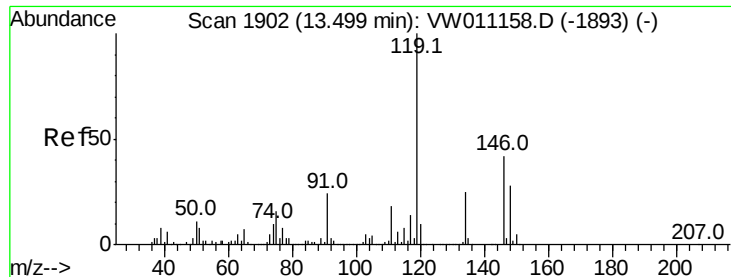
MMDadoda
 7/15/2019 2:05:59 PM



#86
 p-Isopropyltoluene
 Concen: 19.697 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.6
91	24.4	12.3	36.8





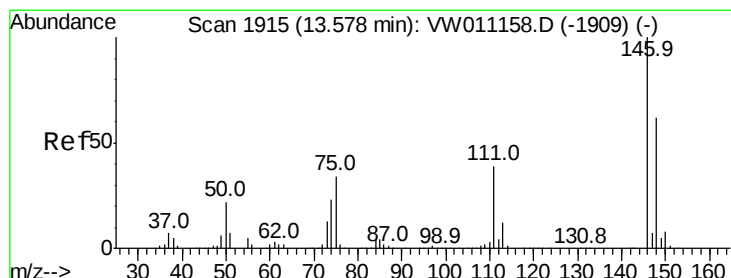
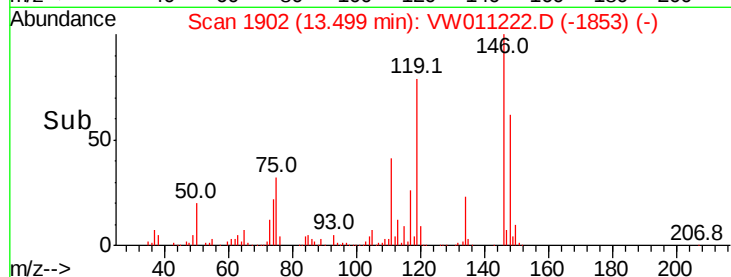
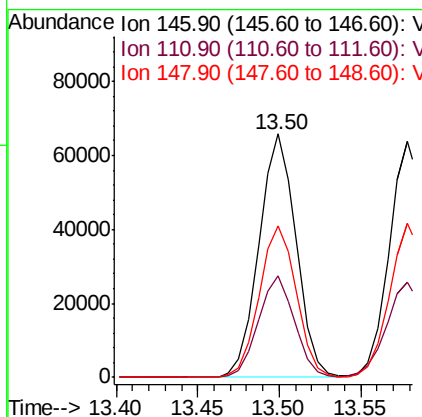
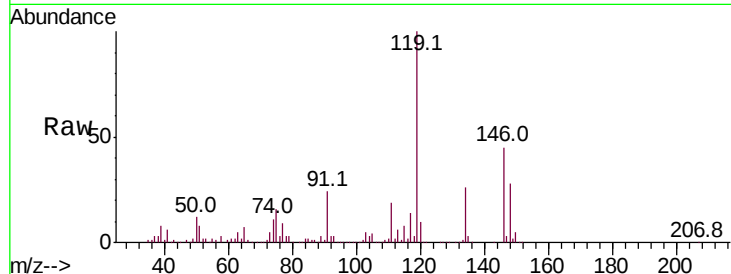
#87
1,3-Dichlorobenzene
Concen: 20.125 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.1	63.1
148	62.5	32.6	97.7

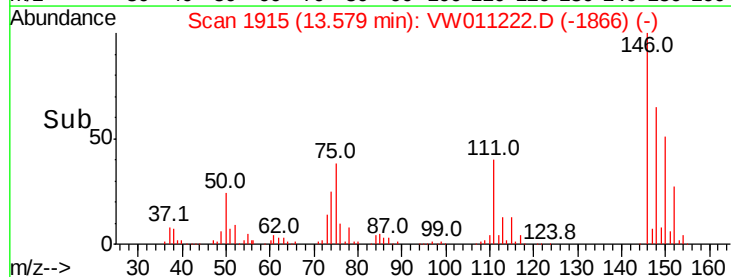
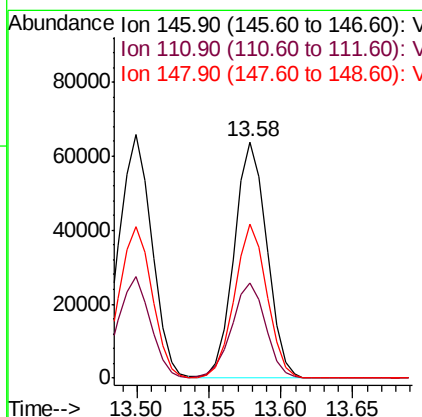
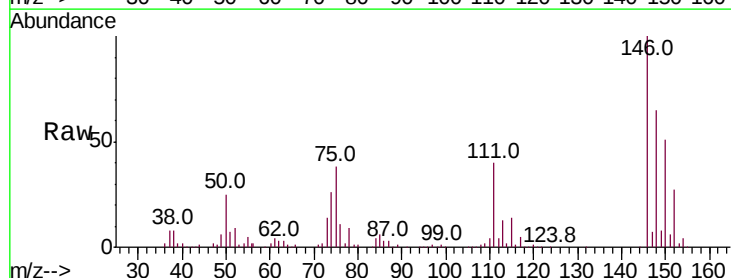
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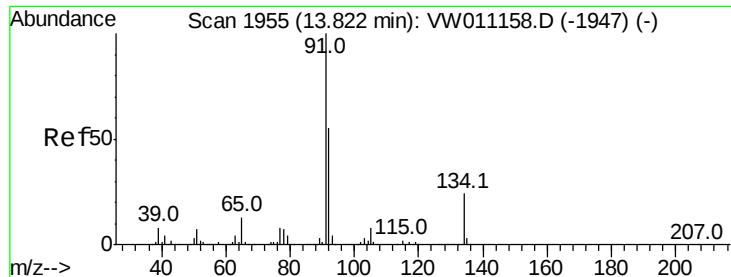
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#88
1,4-Dichlorobenzene
Concen: 19.518 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.9	59.7
148	64.6	31.5	94.5





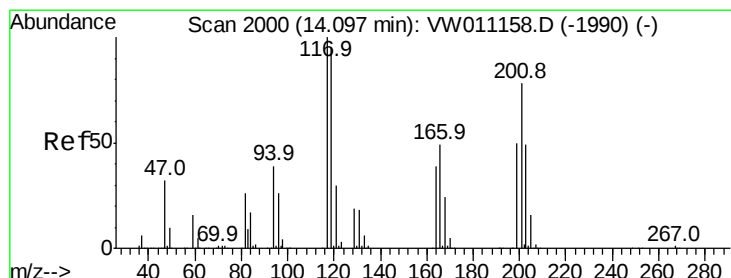
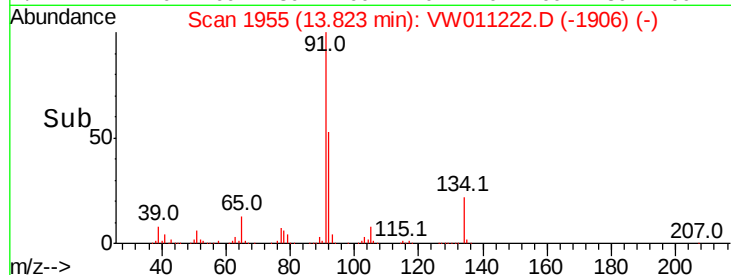
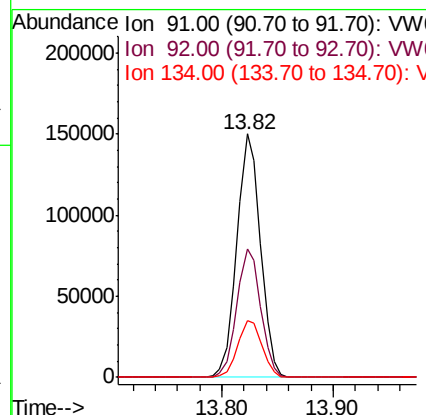
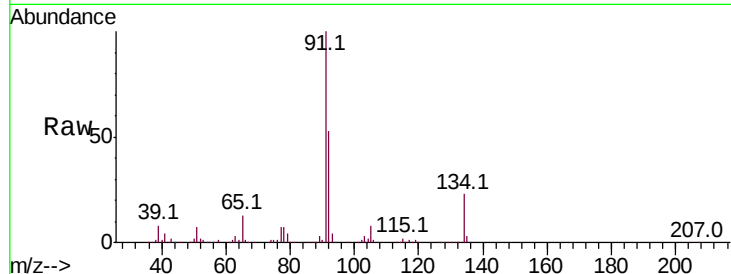
#89
n-Butylbenzene
Concen: 20.230 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.4	26.9	80.7	
134	24.1	12.2	36.4	

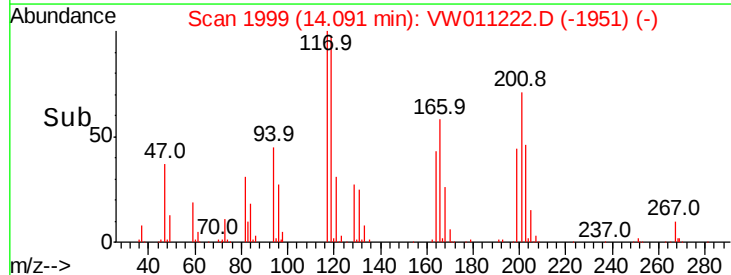
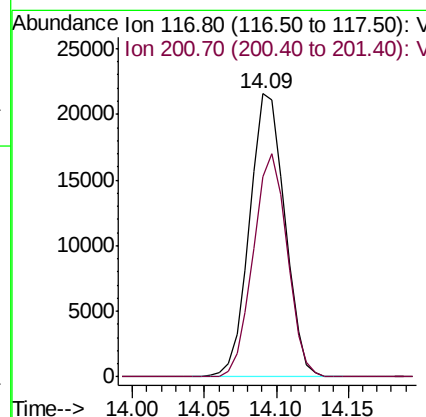
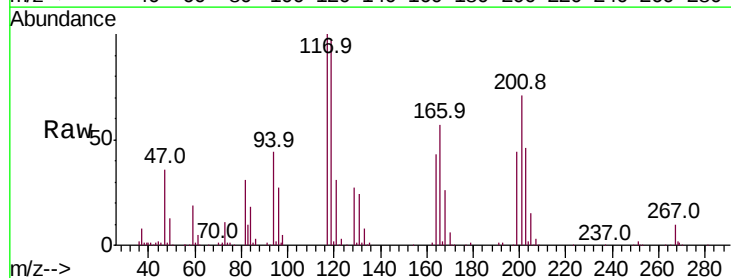
Manual Integrations
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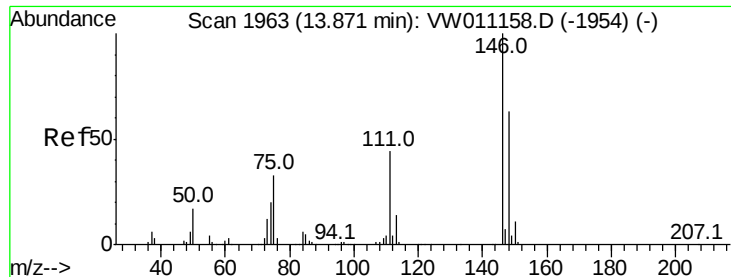
MMDadoda
7/15/2019 2:05:59 PM



#90
Hexachloroethane
Concen: 18.238 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	76.1	38.3	114.8	





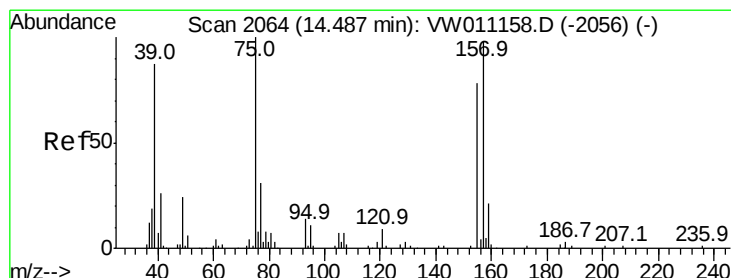
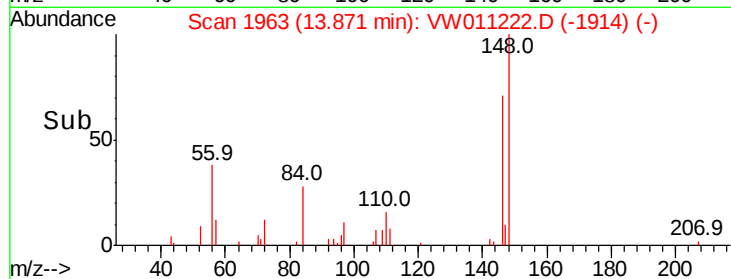
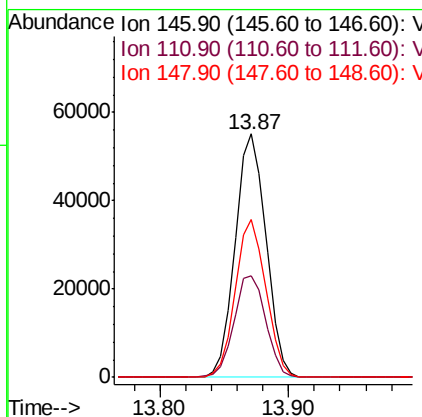
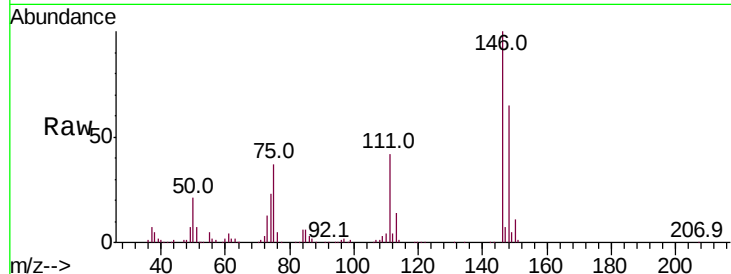
#91
 1,2-Dichlorobenzene
 Concen: 19.596 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.6	65.0
148	64.0	31.9	95.5

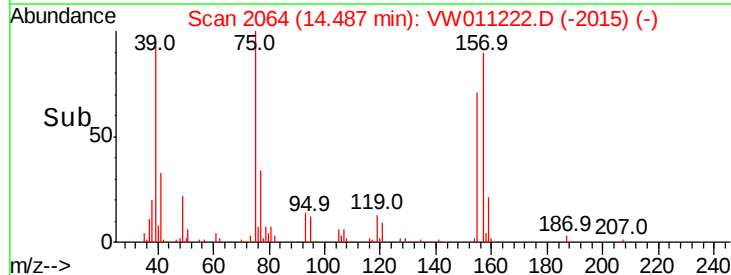
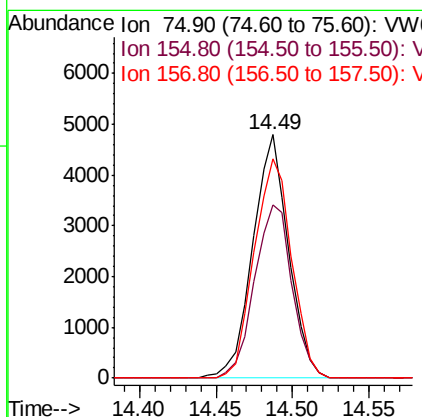
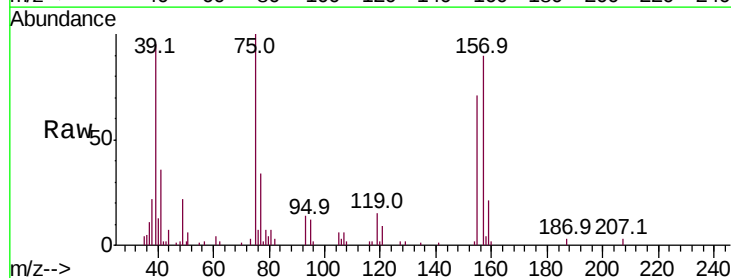
Manual Integrations
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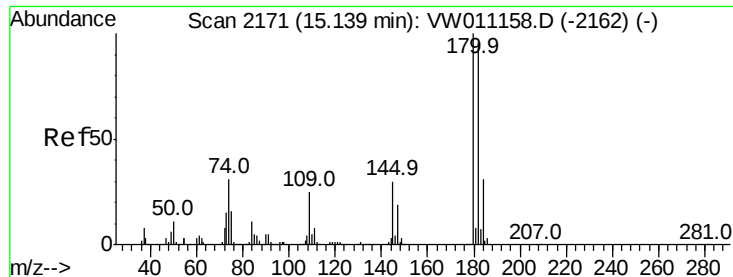
MMDadoda
 7/15/2019 2:05:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.929 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011222.D
 Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.8	37.1	111.3
157	94.5	48.5	145.6





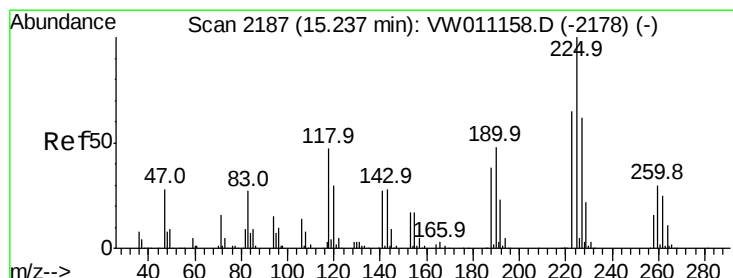
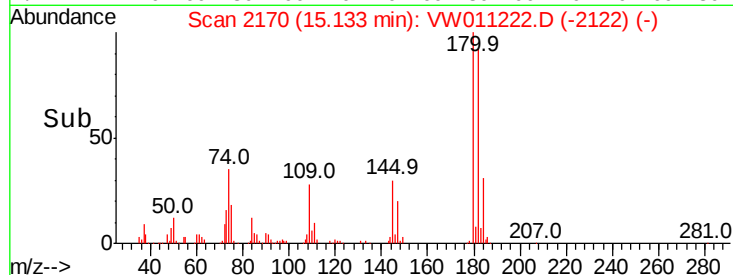
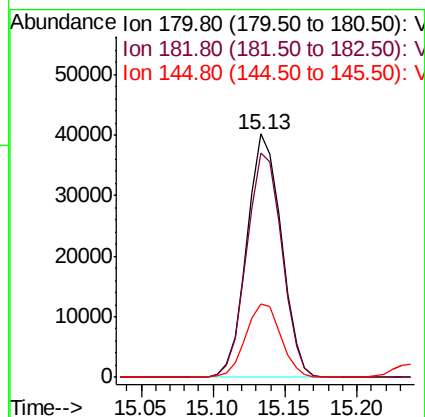
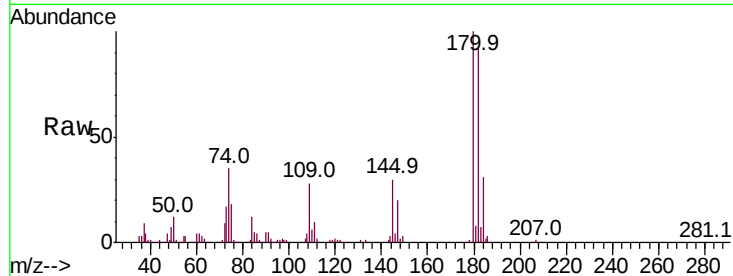
#93
1,2,4-Trichlorobenzene
Concen: 20.684 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.01 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	48.3	144.9	
145	30.9	15.5	46.5	

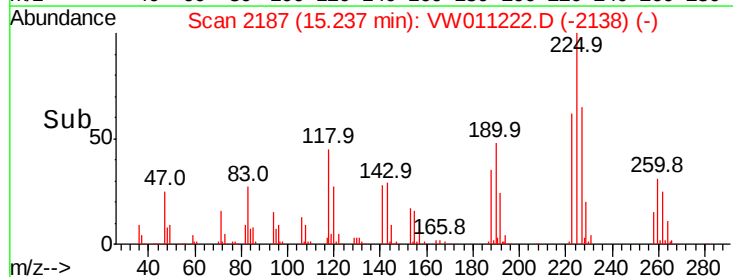
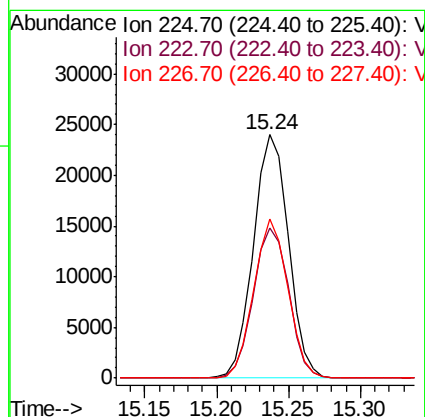
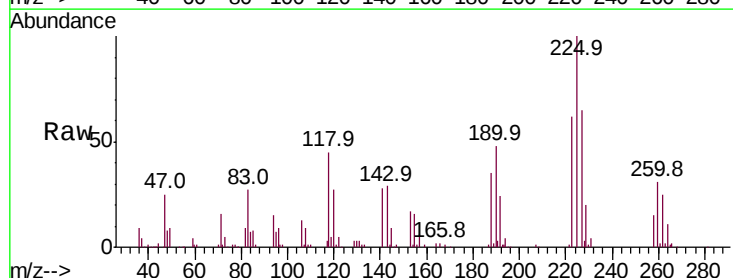
Manual Integrations
APPROVED

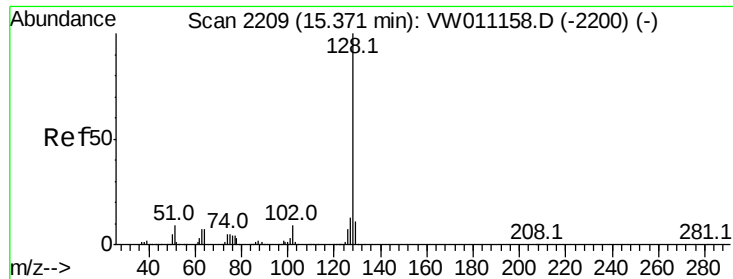
MMDadoda
7/15/2019 2:05:59 PM



#94
Hexachlorobutadiene
Concen: 20.394 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	31.6	95.0	
227	63.5	32.0	96.0	





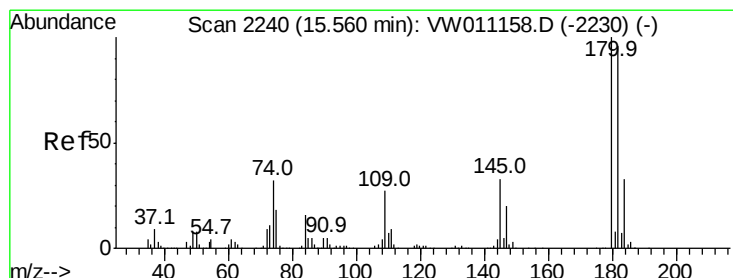
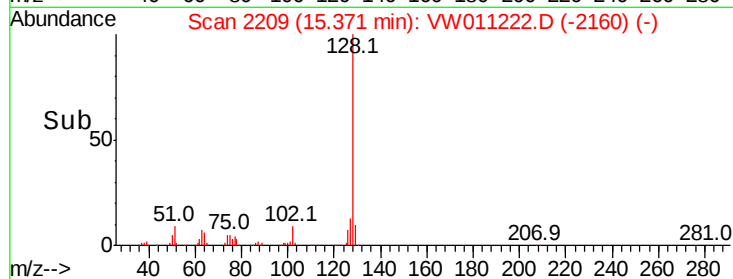
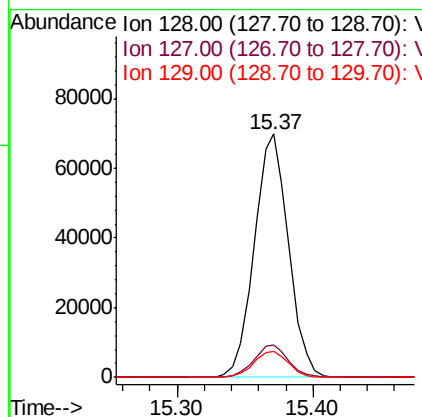
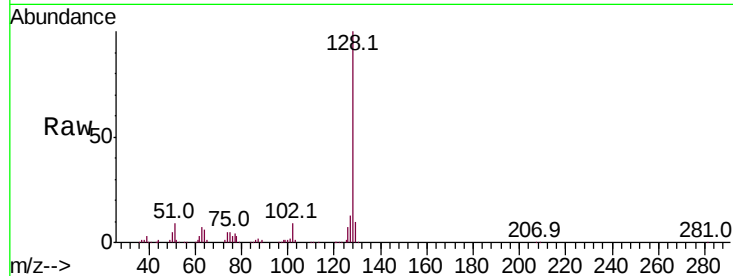
#95
Naphthalene
Concen: 19.898 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion:128	Resp:	122746
Ion Ratio	Lower	Upper
128 100		
127 13.4	10.6	16.0
129 10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/15/2019 2:05:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.489 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011222.D
Acq: 11 Jul 2019 12:02

Tgt Ion:180	Resp:	58212
Ion Ratio	Lower	Upper
180 100		
182 96.3	47.6	142.8
145 31.8	16.5	49.5

