

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013199.D
 Acq On : 20 Sep 2019 23:10
 Operator : SY/VA
 Sample : VW0920SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:29:00 AM

Quant Time: Sep 21 05:39:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	187014	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	124526	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	7.88	113	117069	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.32	98	494820	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.62	95	167334	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	33979	19.273	ug/l	98
3) Chloromethane	2.20	50	44413	19.597	ug/l	98
4) Vinyl Chloride	2.35	62	57856	19.802	ug/l	98
5) Bromomethane	2.76	94	34368	18.562	ug/l	99
6) Chloroethane	2.90	64	31622	18.361	ug/l	99
7) Trichlorofluoromethane	3.25	101	27526	16.338	ug/l	93
8) Diethyl Ether	3.67	74	28511	19.813	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55846	20.360	ug/l	99
10) Methyl Iodide	4.26	142	74714	17.569	ug/l	99
11) Tert butyl alcohol	5.19	59	37573m	207.529	ug/l	
12) 1,1-Dichloroethene	4.04	96	54268	19.106	ug/l	94
13) Acrolein	3.89	56	15801	110.041	ug/l	92
14) Allyl chloride	4.66	41	82500	18.251	ug/l	99
15) Acrylonitrile	5.37	53	77105	124.140	ug/l	100
16) Acetone	4.12	43	60833	108.144	ug/l	98
17) Carbon Disulfide	4.38	76	151999	18.515	ug/l	99
18) Methyl Acetate	4.67	43	42519	26.890	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	87779	20.165	ug/l	98
20) Methylene Chloride	4.90	84	58337	18.444	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	56687	18.466	ug/l	95
22) Diisopropyl ether	6.31	45	161472	18.785	ug/l	97
23) Vinyl Acetate	6.25	43	519008	101.776	ug/l	100
24) 1,1-Dichloroethane	6.21	63	98242	18.940	ug/l	98
25) 2-Butanone	7.17	43	101837	120.598	ug/l	97
26) 2,2-Dichloropropane	7.16	77	60644	17.366	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	60830	18.776	ug/l	98
28) Bromochloromethane	7.51	49	33669	16.913	ug/l #	98
29) Tetrahydrofuran	7.53	42	66755	128.905	ug/l	100
30) Chloroform	7.67	83	94256	18.561	ug/l	99
31) Cyclohexane	7.95	56	109825	20.312	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	80626	19.603	ug/l	98
36) 1,1-Dichloropropene	8.08	75	85433	20.980	ug/l	99
37) Ethyl Acetate	7.25	43	44822	25.899	ug/l	99
38) Carbon Tetrachloride	8.07	117	76103	20.848	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111110	21.232	ug/l	98
40) Benzene	8.32	78	227411	20.022	ug/l	99
41) Methacrylonitrile	7.48	41	22952	22.221	ug/l	90
42) 1,2-Dichloroethane	8.40	62	63766	20.884	ug/l	100
43) Isopropyl Acetate	8.42	43	78346	23.620	ug/l	96
44) Trichloroethene	9.09	130	63439	19.907	ug/l	100
45) 1,2-Dichloropropane	9.37	63	53834	19.413	ug/l	98
46) Dibromomethane	9.46	93	28662	21.289	ug/l	98
47) Bromodichloromethane	9.64	83	65870	19.228	ug/l	96
48) Methyl methacrylate	9.43	41	39982	25.634	ug/l	92
49) 1,4-Dioxane	9.46	88	12046	596.072	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	215828	129.793	ug/l	99
52) Toluene	10.38	92	145412	19.976	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	68050	19.335	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	81720	19.096	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42978	21.358	ug/l	96
56) Ethyl methacrylate	10.65	69	59398	22.554	ug/l	97
57) 1,3-Dichloropropane	10.93	76	74888	21.326	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	141946	116.427	ug/l	100
59) 2-Hexanone	10.97	43	146963	128.459	ug/l	99
60) Dibromochloromethane	11.13	129	46922	20.535	ug/l	98
61) 1,2-Dibromoethane	11.23	107	41444	21.661	ug/l	99
64) Tetrachloroethene	10.86	164	60117	21.694	ug/l	99
65) Chlorobenzene	11.65	112	149574	19.612	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	50161	19.252	ug/l	98
67) Ethyl Benzene	11.73	91	276653	20.020	ug/l	100
68) m/p-Xylenes	11.83	106	211503	40.165	ug/l	99
69) o-Xylene	12.16	106	95815	19.571	ug/l	100
70) Styrene	12.18	104	167667	19.948	ug/l	99
71) Bromoform	12.35	173	28919	21.009	ug/l #	96
73) Isopropylbenzene	12.46	105	281610	20.384	ug/l	100
74) N-amyl acetate	12.27	43	67438	21.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	51750	22.398	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	40455m	24.495	ug/l	
77) Bromobenzene	12.74	156	63493	19.395	ug/l	95
78) n-propylbenzene	12.80	91	318297	19.683	ug/l	99
79) 2-Chlorotoluene	12.89	91	182400	20.134	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	233425	20.101	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15579	21.166	ug/l	93
82) 4-Chlorotoluene	12.99	91	182740	19.128	ug/l	98
83) tert-Butylbenzene	13.21	119	204570	20.070	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	228405	19.765	ug/l	97
85) sec-Butylbenzene	13.38	105	288055	20.498	ug/l	100
86) p-Isopropyltoluene	13.50	119	264597	20.301	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	122202	19.395	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	122898	19.889	ug/l	99
89) n-Butylbenzene	13.82	91	234748	19.725	ug/l	99
90) Hexachloroethane	14.09	117	43359	19.802	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	109256	20.044	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	9072	25.671	ug/l	98

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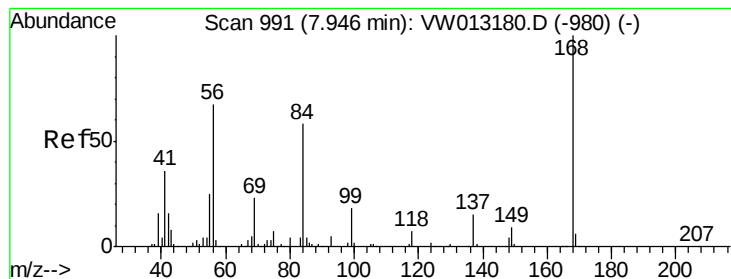
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	75170	19.245	ug/l	99
94) Hexachlorobutadiene	15.23	225	51749	19.366	ug/l	96
95) Naphthalene	15.36	128	139120	21.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	65645	19.451	ug/l	98

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



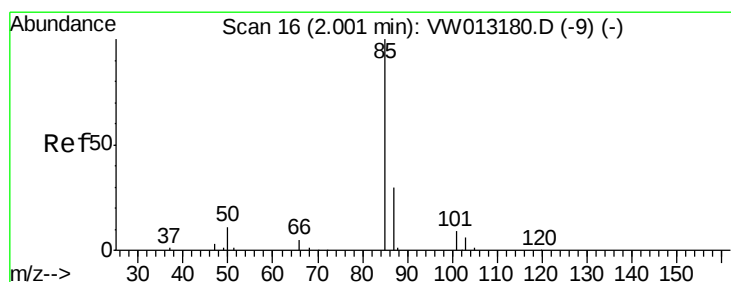
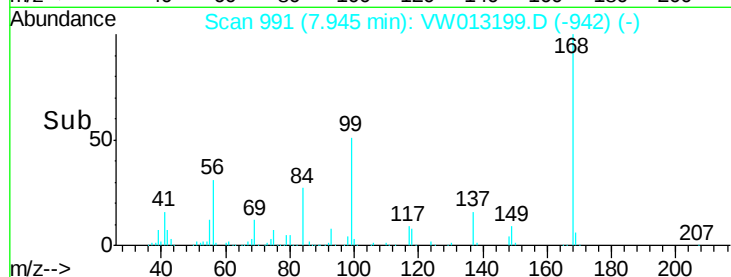
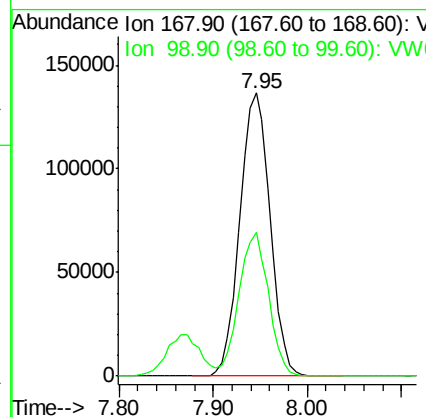
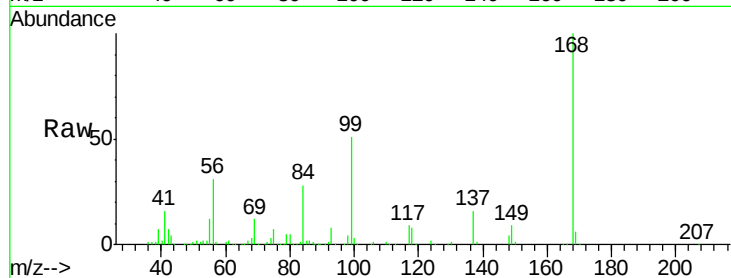
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.6	40.2	60.4

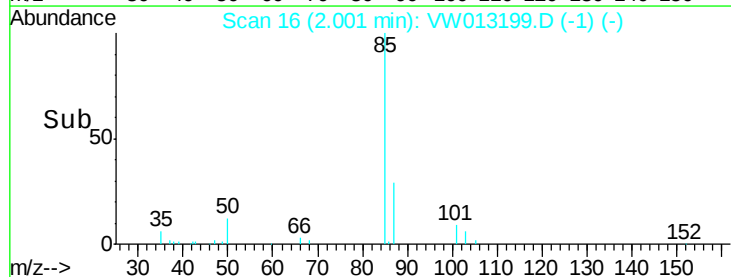
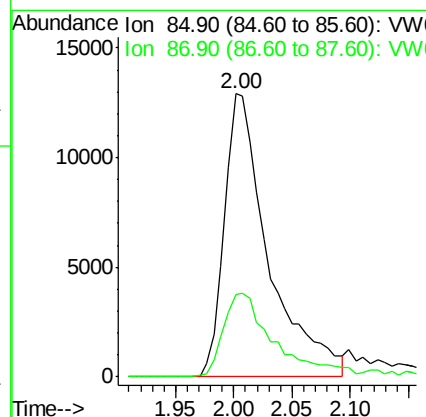
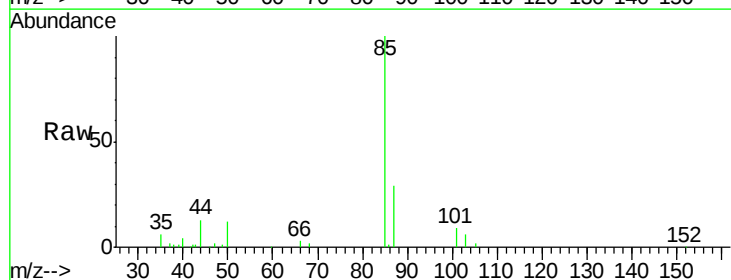
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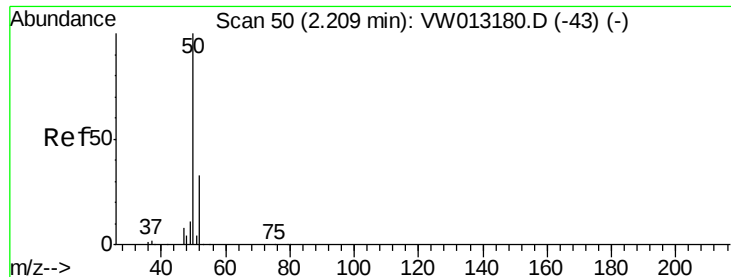
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#2
Dichlorodifluoromethane
Concen: 19.273 ug/l
RT: 2.00 min Scan# 16
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.1	15.1	45.3





#3

Chloromethane

Concen: 19.597 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion: 50 Resp: 44413

Ion Ratio Lower Upper

50 100

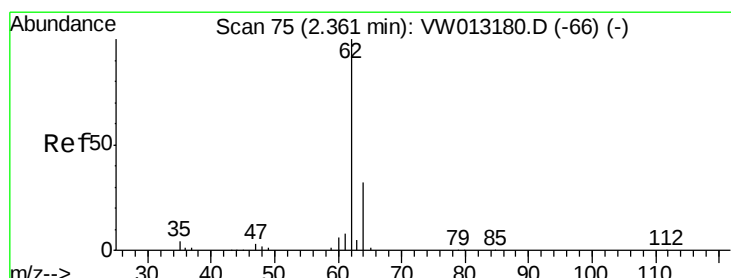
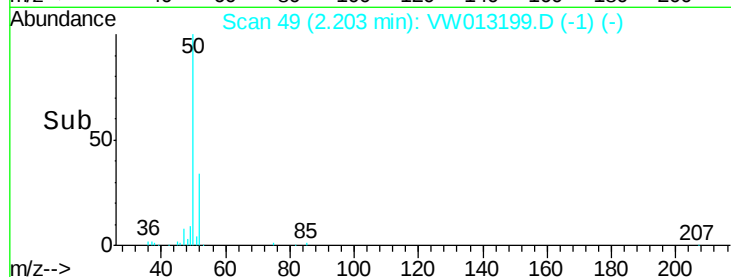
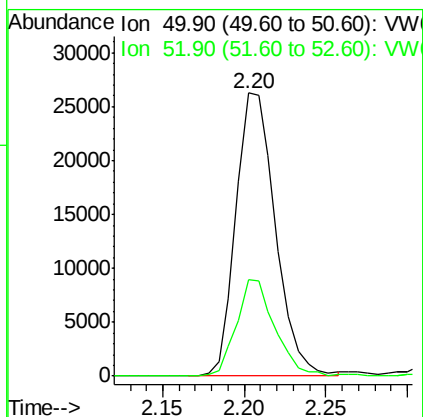
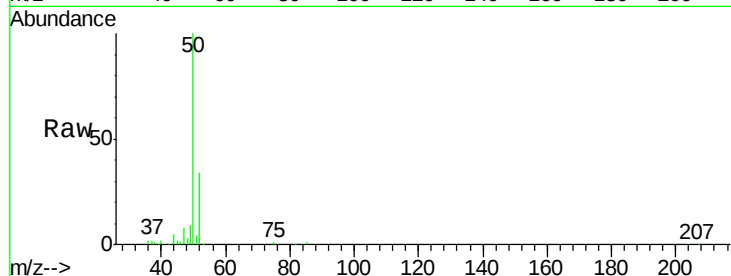
52 33.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 19.802 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013199.D

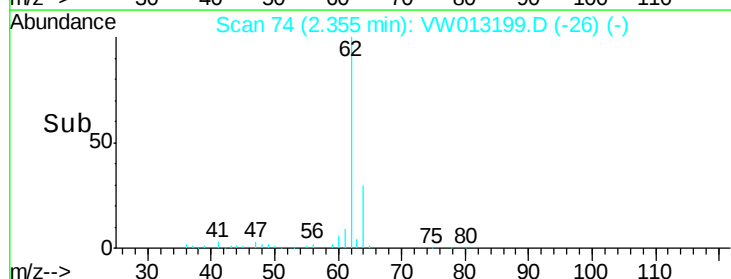
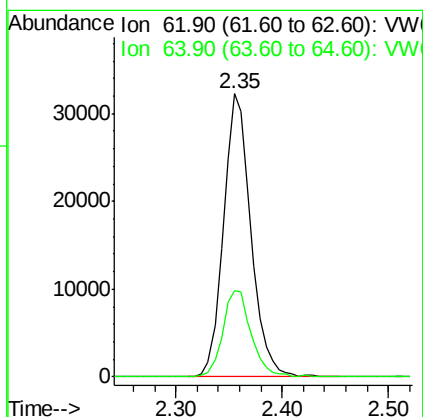
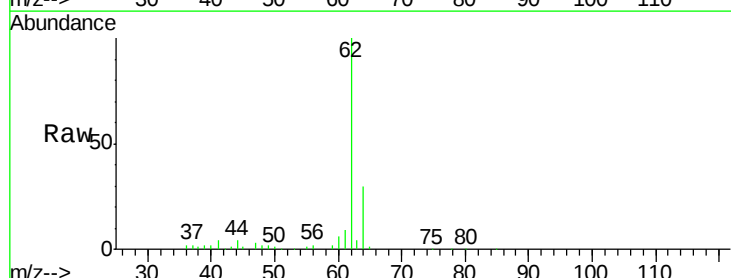
Acq: 20 Sep 2019 23:10

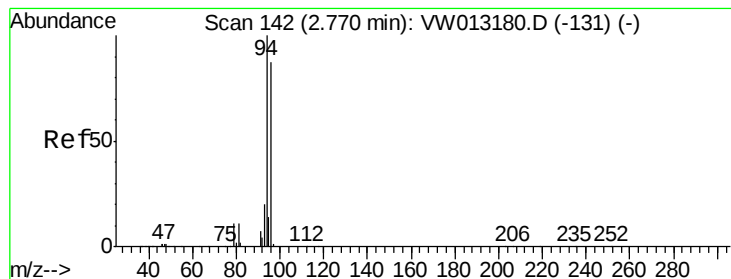
Tgt Ion: 62 Resp: 57856

Ion Ratio Lower Upper

62 100

64 30.4 25.3 37.9





#5

Bromomethane

Concen: 18.562 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion: 94 Resp: 34368

Ion Ratio Lower Upper

94 100

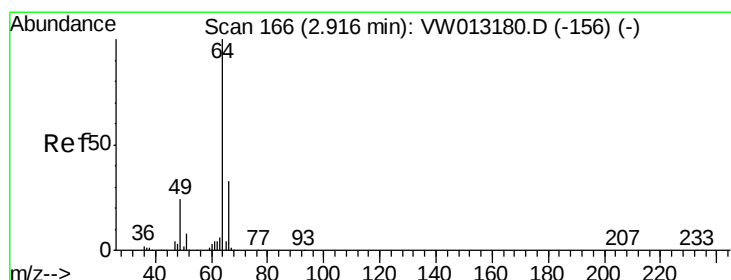
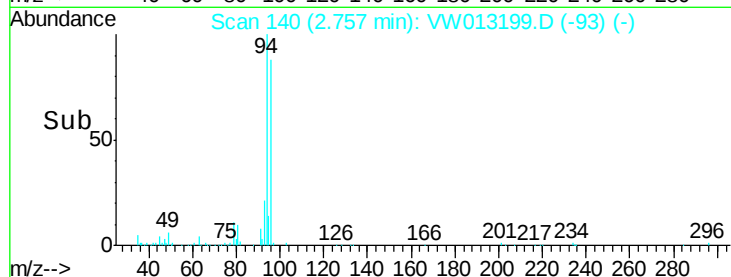
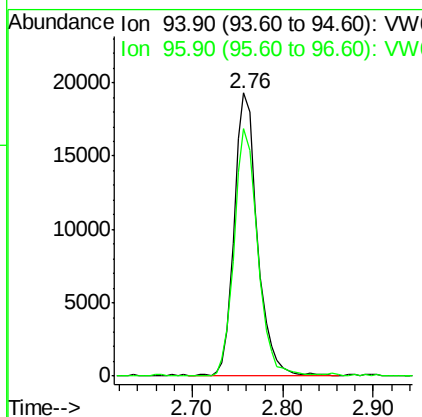
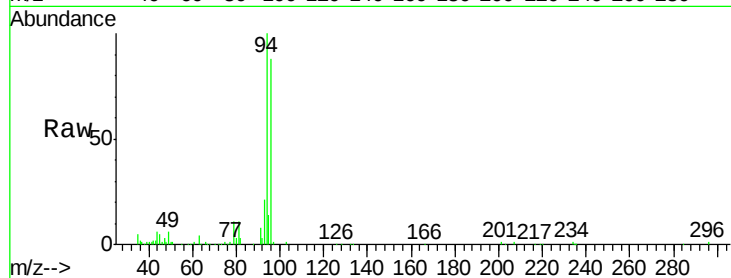
96 87.6 69.7 104.5

Manual Integrations

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#6

Chloroethane

Concen: 18.361 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW013199.D

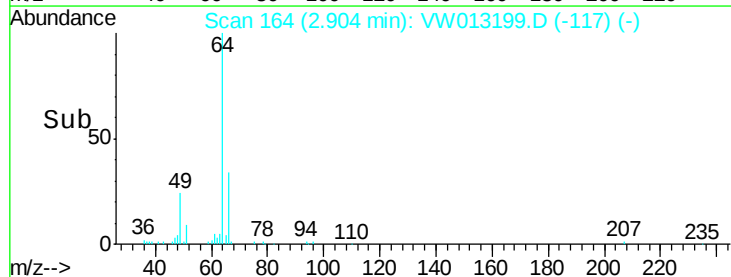
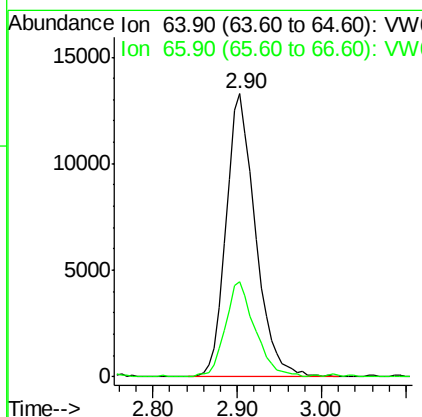
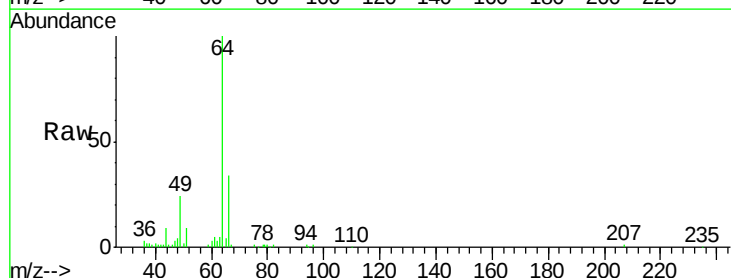
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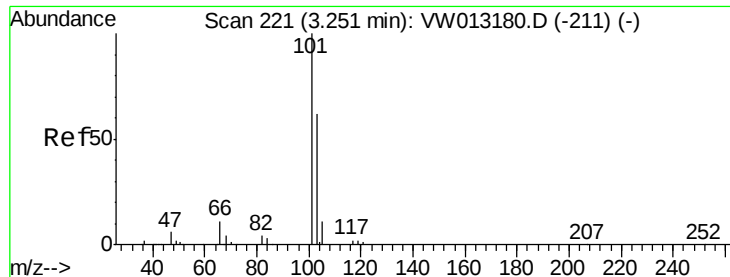
Tgt Ion: 64 Resp: 31622

Ion Ratio Lower Upper

64 100

66 33.8 26.6 39.8





#7

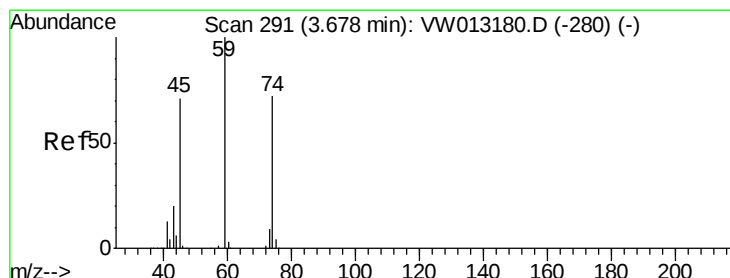
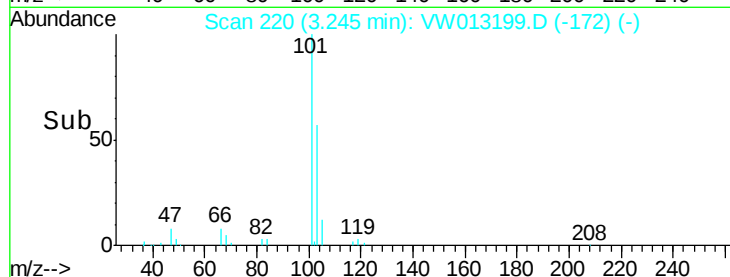
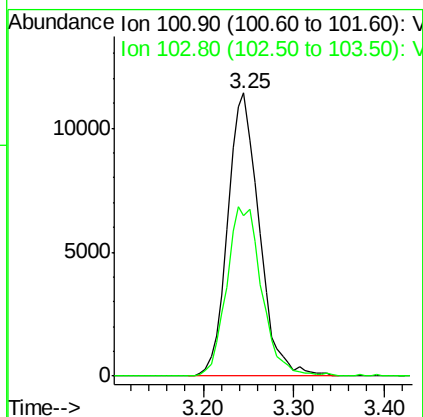
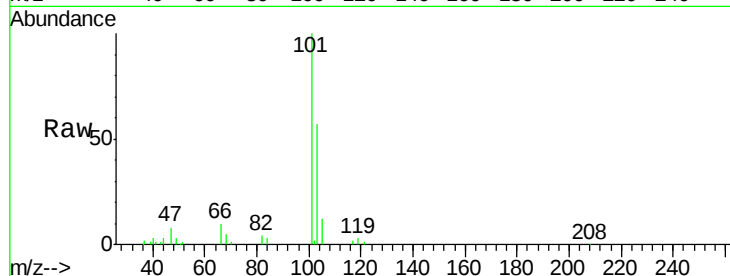
Trichlorofluoromethane
Concen: 16.338 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
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ClientSampleId :
VW0920SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	56.8	49.7	74.5

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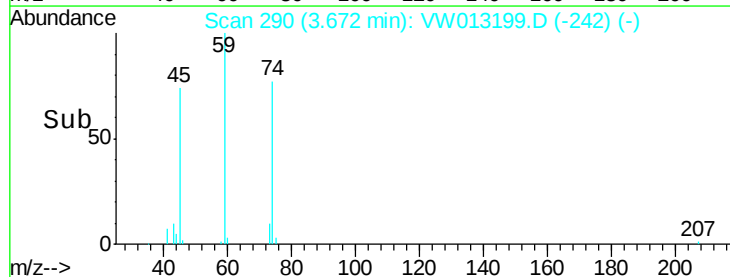
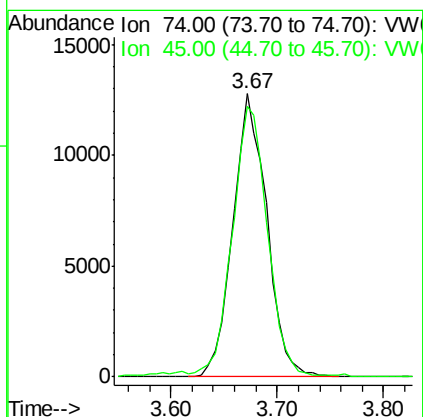
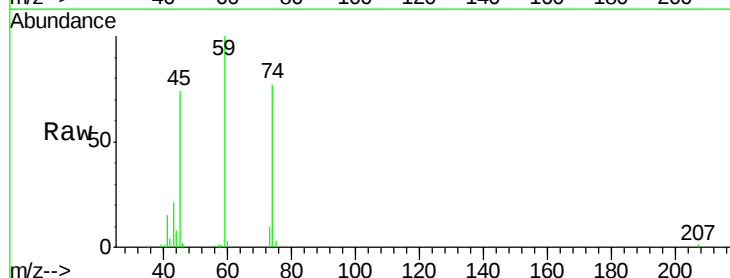
MMDadoda
9/24/2019 5:29:00 AM

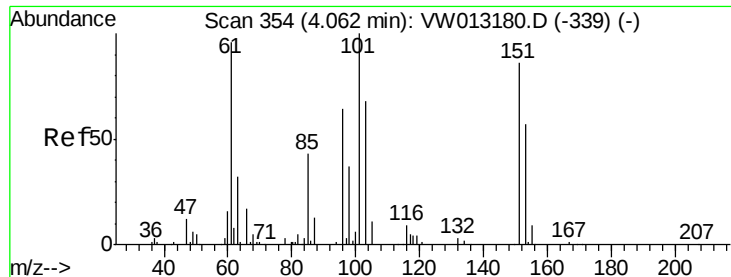


#8

Diethyl Ether
Concen: 19.813 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.360 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

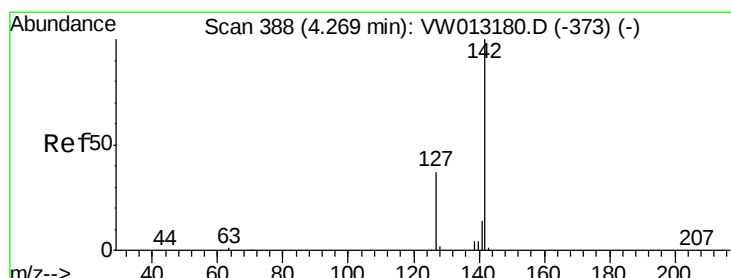
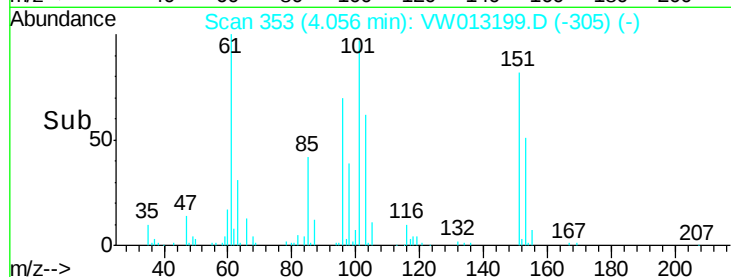
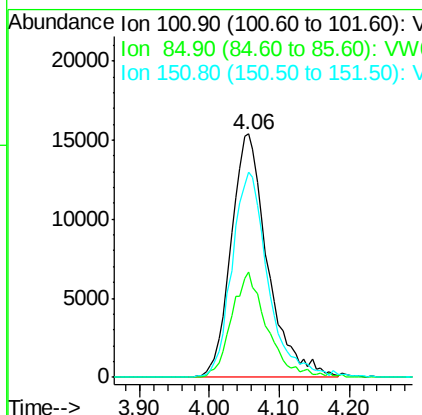
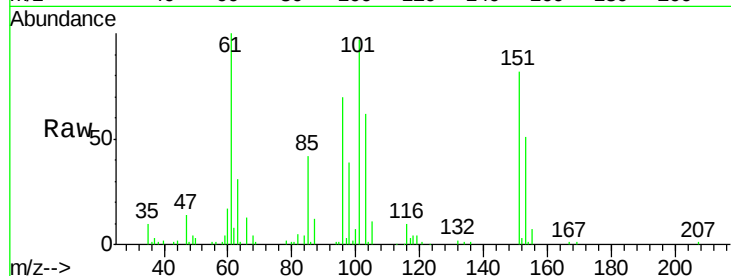
ClientSampleId :

VW0920SBS02

Tot Ion:	101	Resp:	55846
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.4	50.0
151	82.8	66.9	100.3

Manual Integrations
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9/24/2019 5:29:00 AM



#10

Methyl Iodide

Concen: 17.569 ug/l

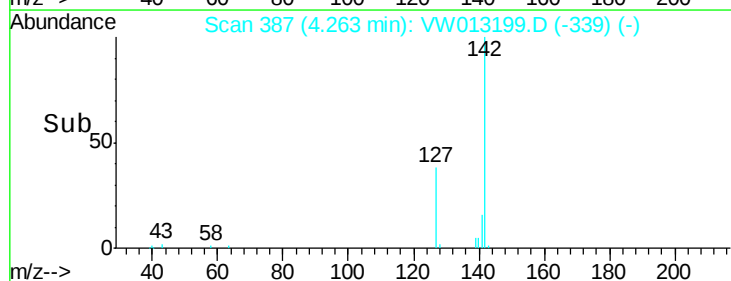
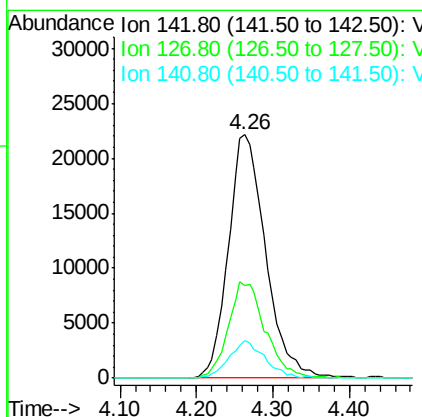
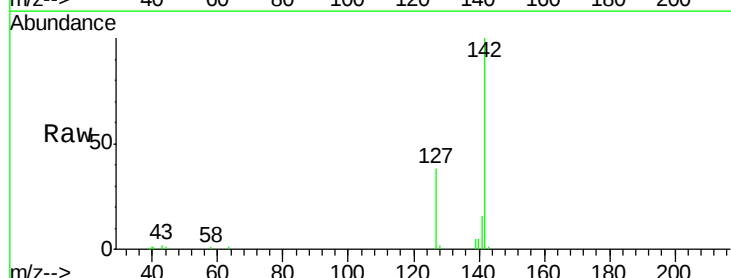
RT: 4.26 min Scan# 387

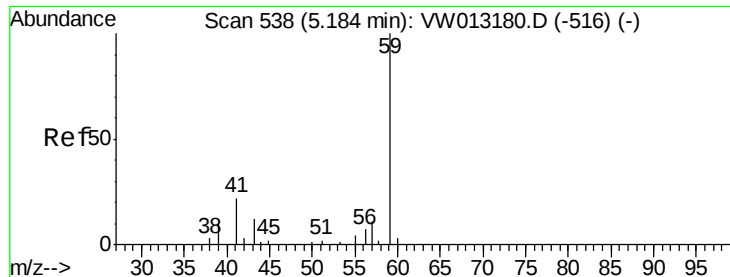
Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion:	142	Resp:	74714
Ion Ratio	Lower	Upper	
142	100		
127	39.2	30.9	46.3
141	14.8	11.7	17.5





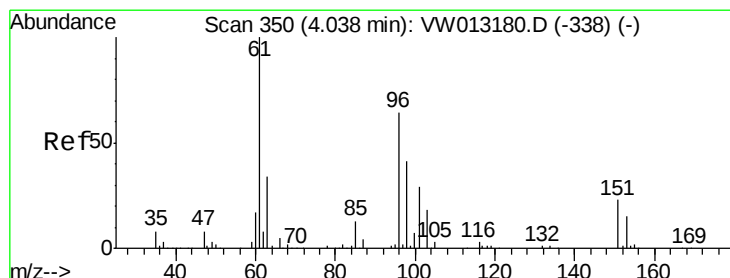
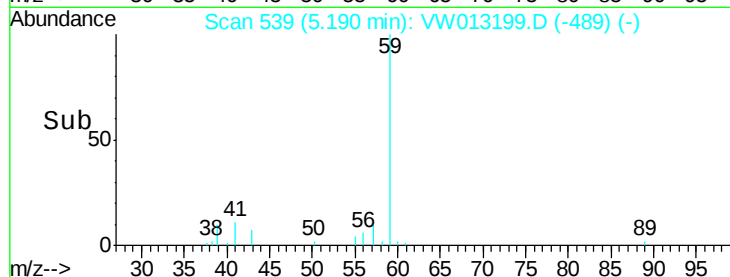
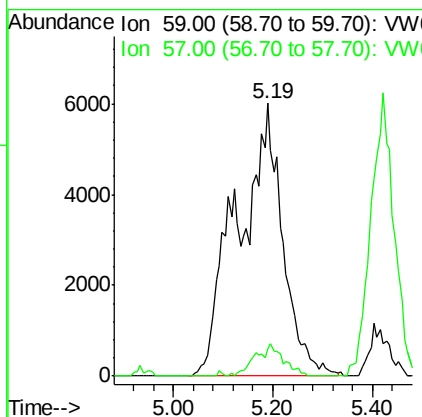
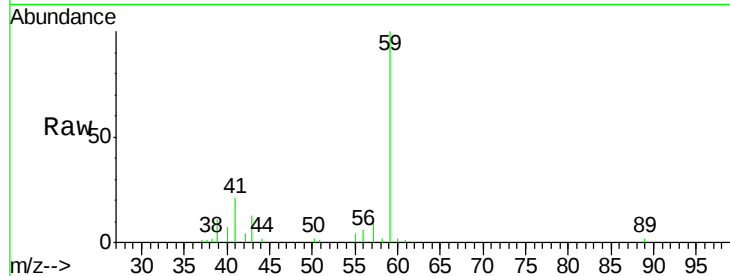
#11
Tert butyl alcohol
Concen: 207.529 ug/l m
RT: 5.19 min Scan# 539
Delta R.T. 0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion: 59 Resp: 37573
Ion Ratio Lower Upper
59 100
57 4.3 8.2 12.2#

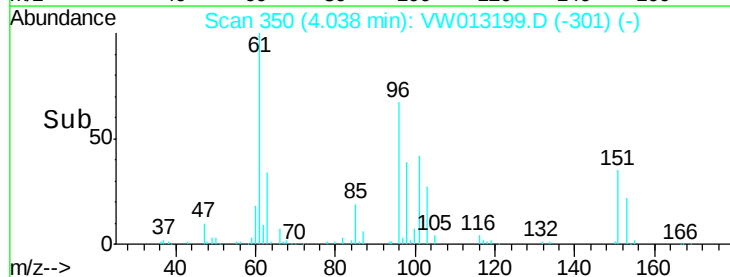
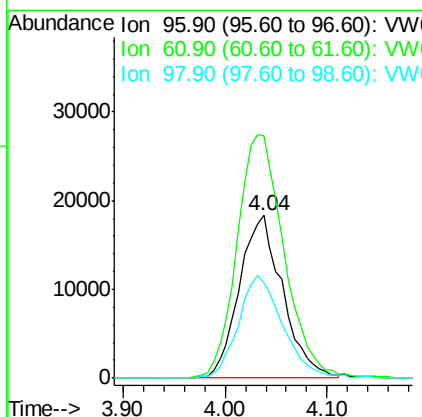
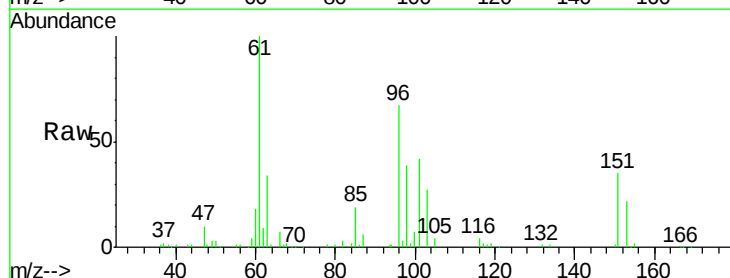
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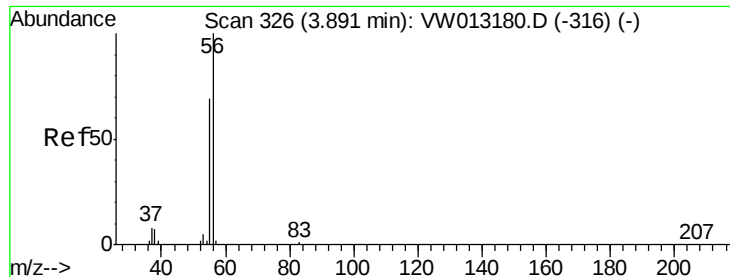
MMDadoda
9/24/2019 5:29:00 AM



#12
1,1-Dichloroethene
Concen: 19.106 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion: 96 Resp: 54268
Ion Ratio Lower Upper
96 100
61 149.0 125.1 187.7
98 58.4 50.8 76.2





#13

Acrolein

Concen: 110.041 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion: 56 Resp: 15801

Ion Ratio Lower Upper

56 100

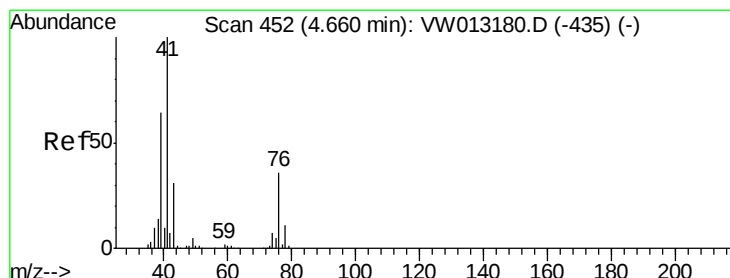
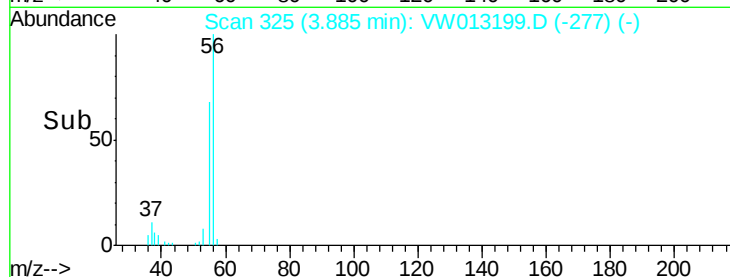
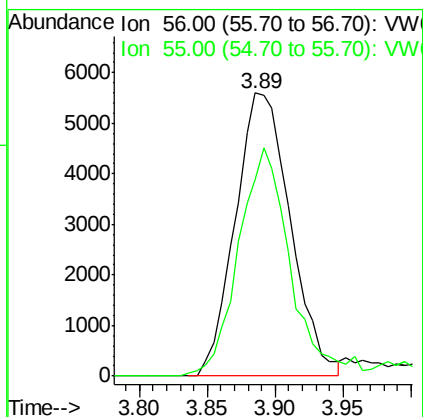
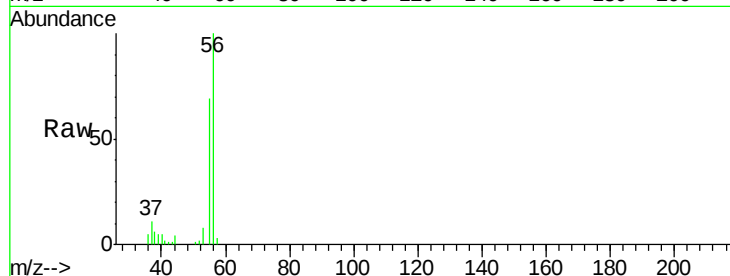
55 75.9 55.4 83.0

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#14

Allyl chloride

Concen: 18.251 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

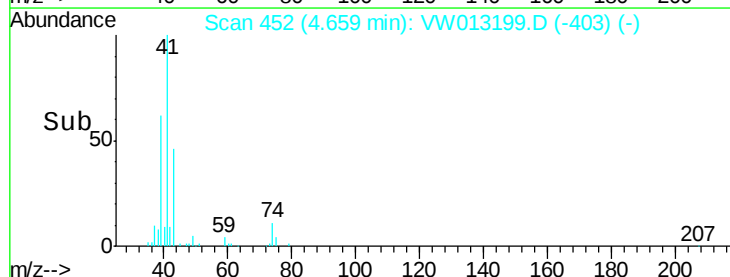
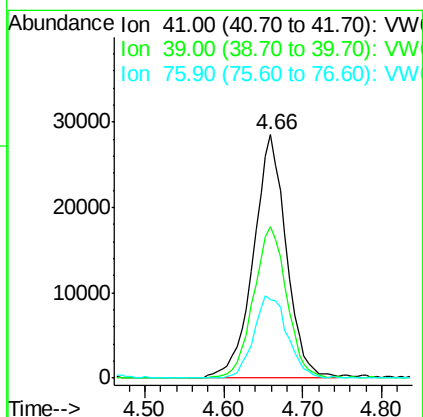
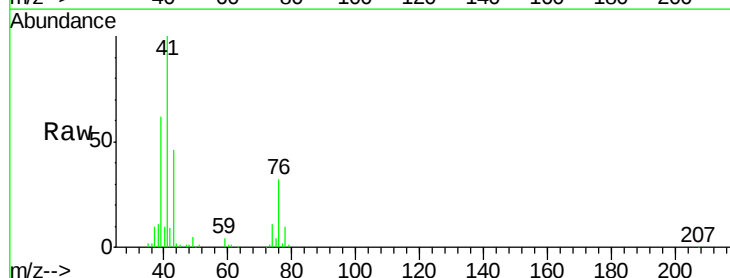
Tgt Ion: 41 Resp: 82500

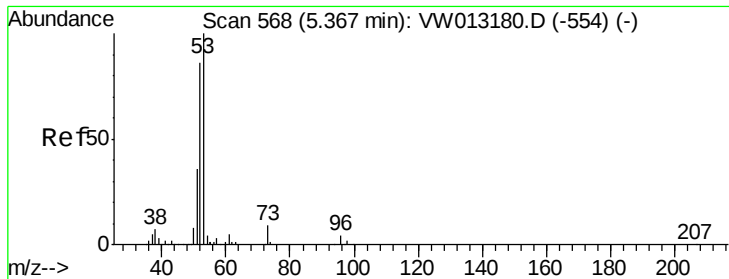
Ion Ratio Lower Upper

41 100

39 63.0 51.0 76.4

76 34.7 28.4 42.6





#15

Acrylonitrile

Concen: 124.140 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

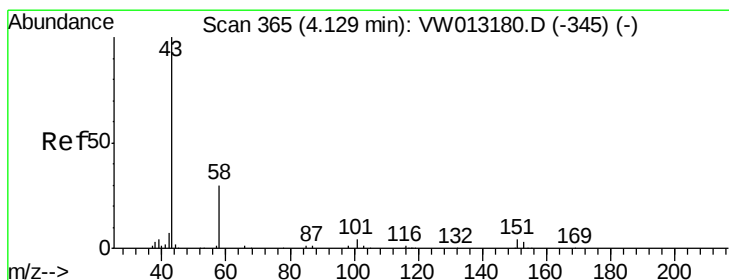
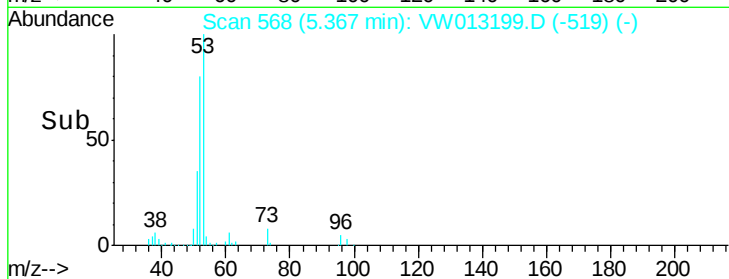
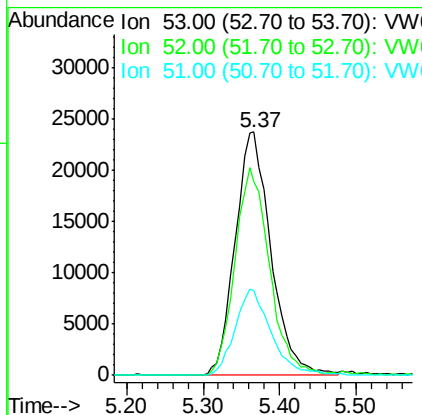
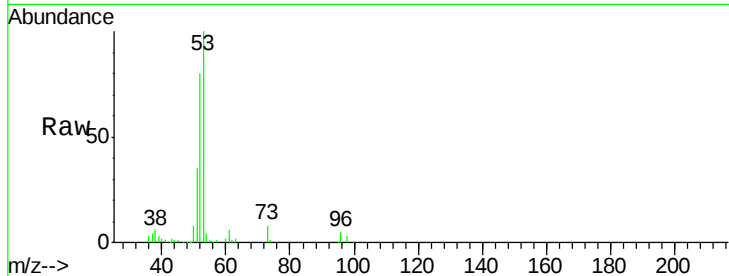
ClientSampleId :

VW0920SBS02

Tot Ion:	53	Resp:	77105
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.3	97.9
51	35.9	29.0	43.4

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#16

Acetone

Concen: 108.144 ug/l

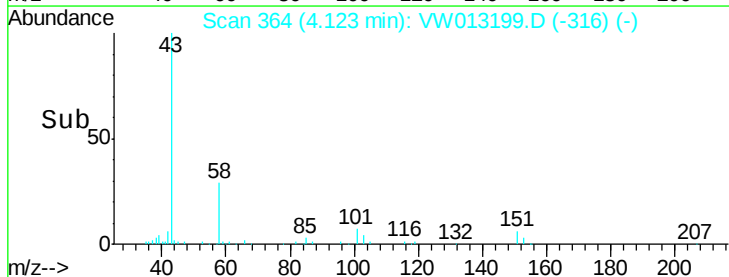
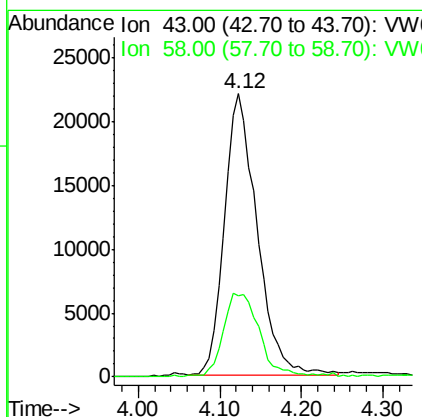
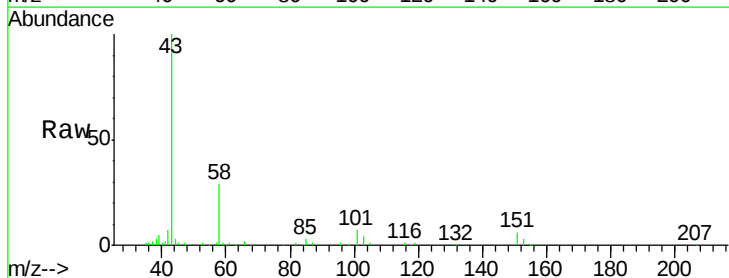
RT: 4.12 min Scan# 364

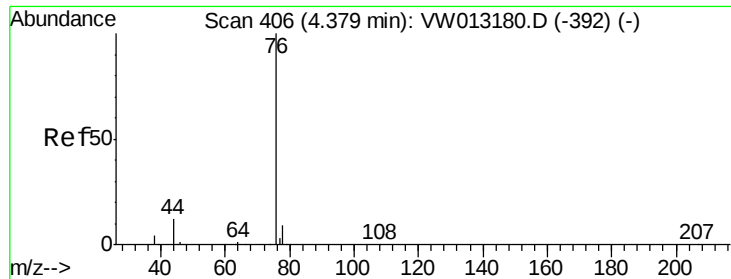
Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion:	43	Resp:	60833
Ion Ratio	Lower	Upper	
43	100		
58	28.8	24.1	36.1





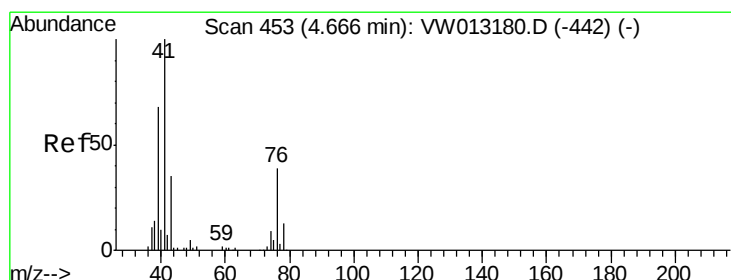
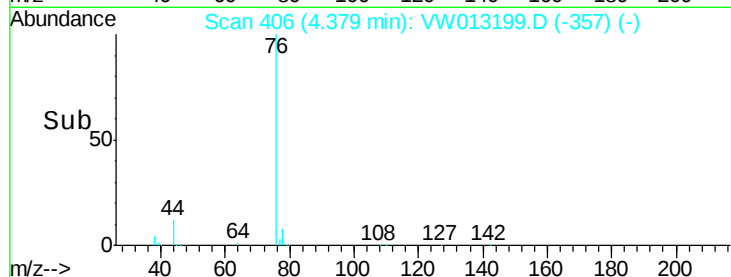
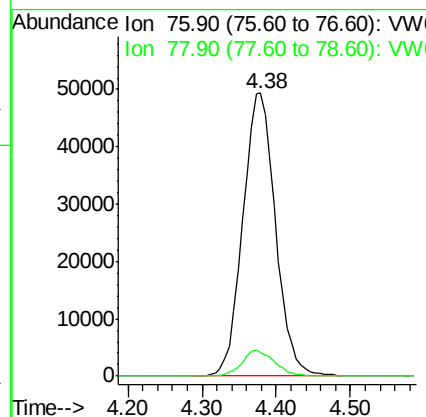
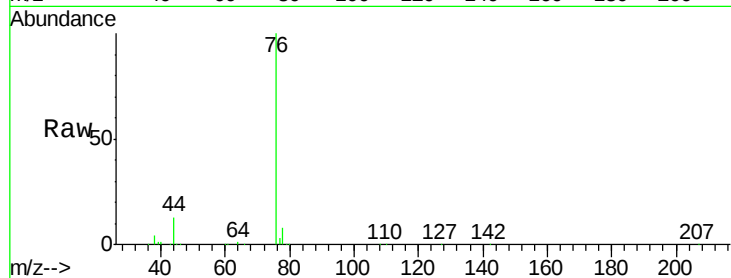
#17
Carbon Disulfide
Concen: 18.515 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4

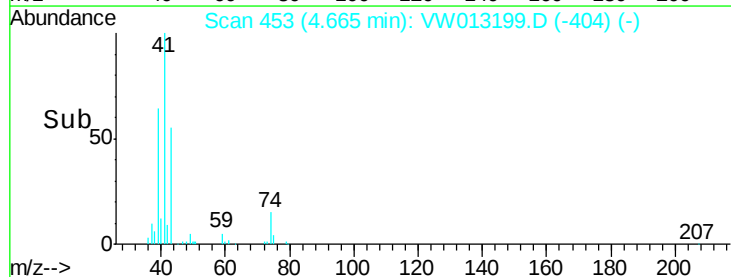
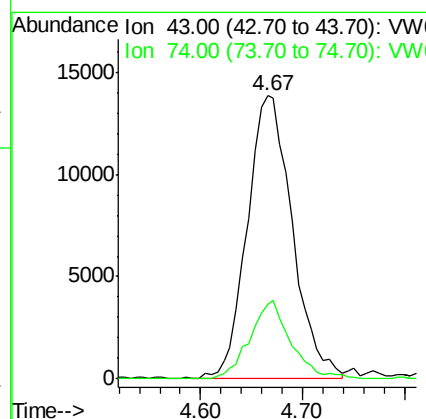
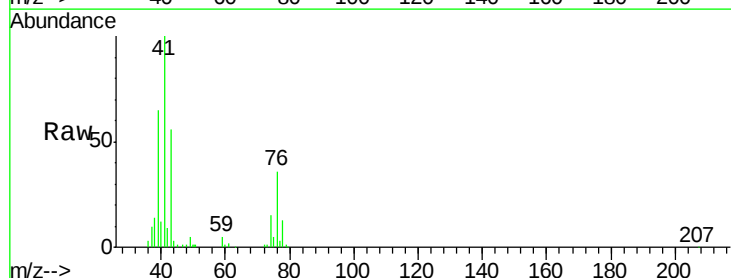
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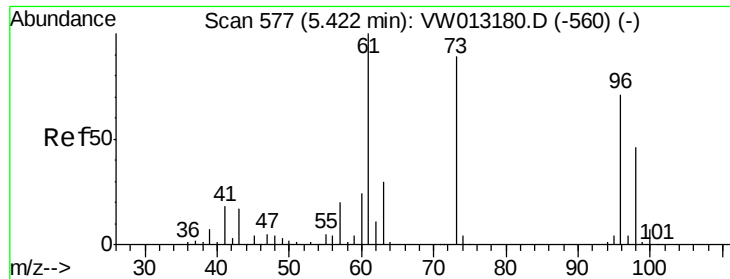
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#18
Methyl Acetate
Concen: 26.890 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.3	28.9





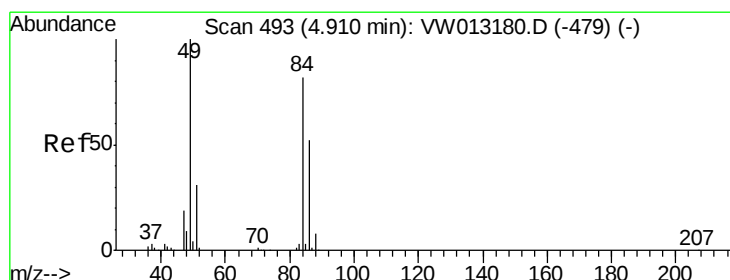
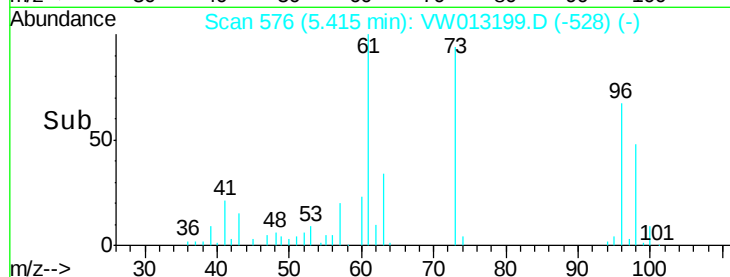
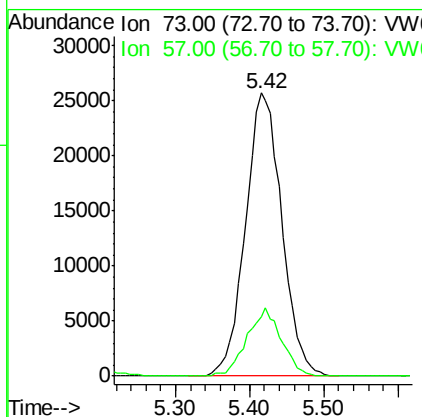
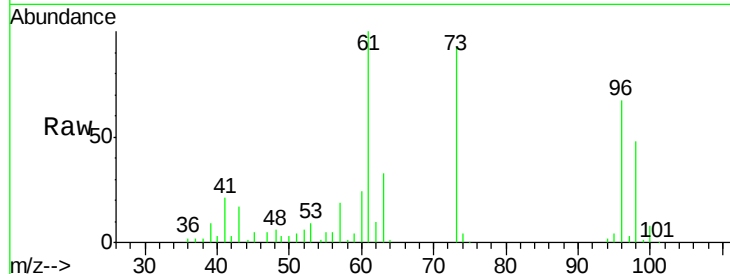
#19
Methyl tert-butyl Ether
Concen: 20.165 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion: 73 Resp: 87779
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

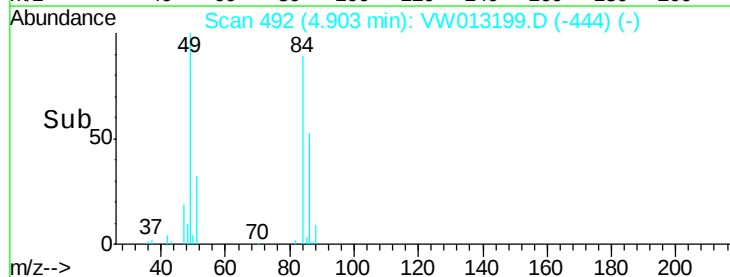
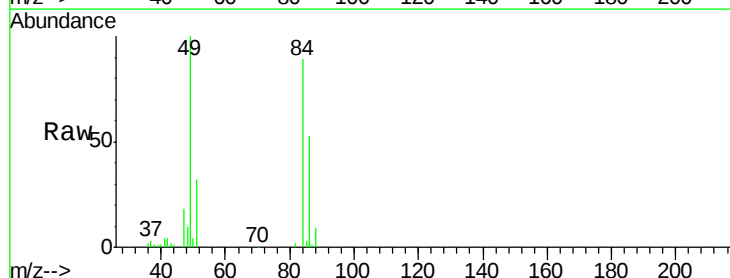
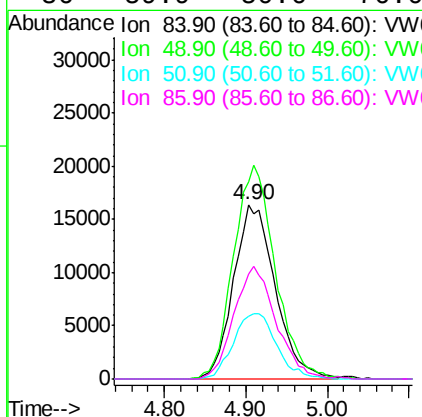
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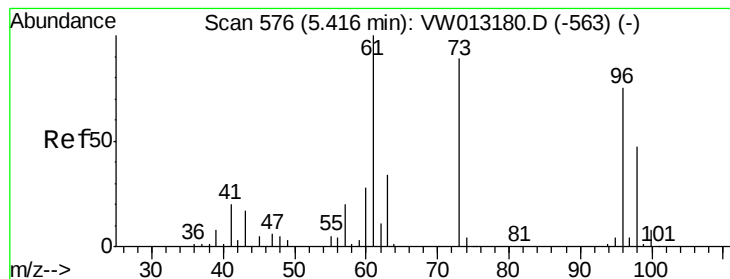
MMDadoda
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#20
Methylene Chloride
Concen: 18.444 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion: 84 Resp: 58337
Ion Ratio Lower Upper
84 100
49 112.5 97.6 146.4
51 35.9 30.2 45.2
86 59.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.466 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

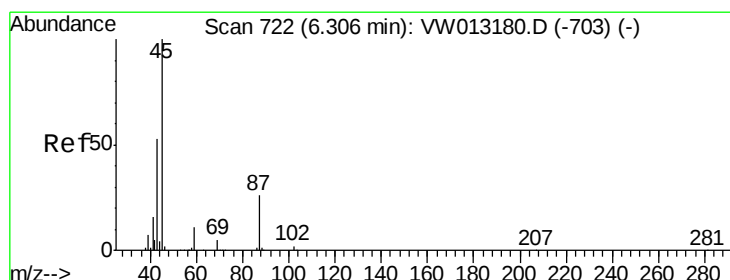
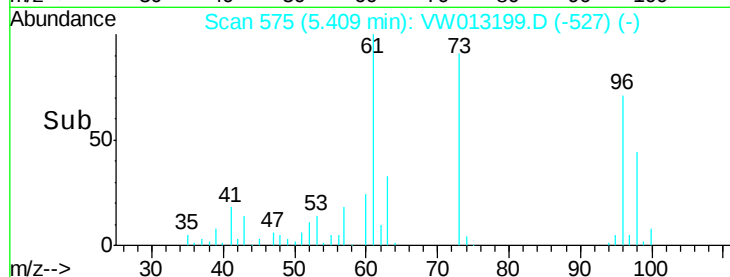
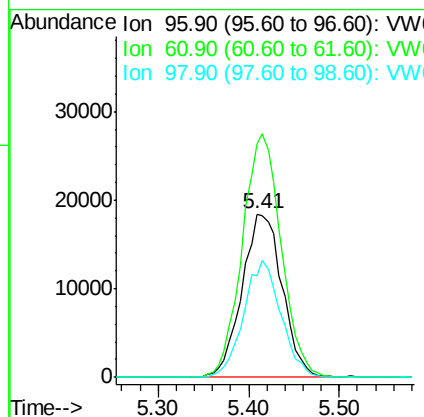
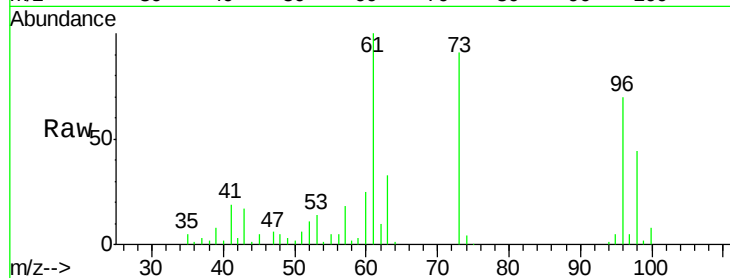
ClientSampleId :

VW0920SBS02

Tot Ion:	96	Resp:	56687
Ion	Ratio	Lower	Upper
96	100		
61	142.7	106.6	159.8
98	62.3	49.8	74.8

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#22

Diisopropyl ether

Concen: 18.785 ug/l

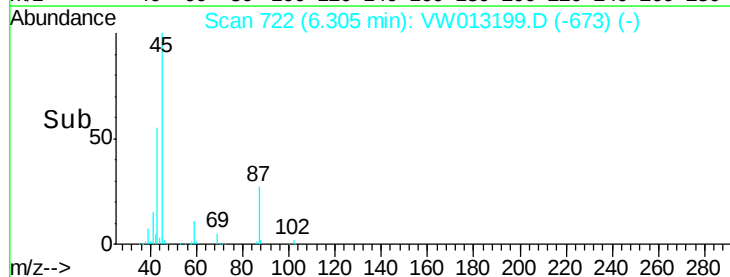
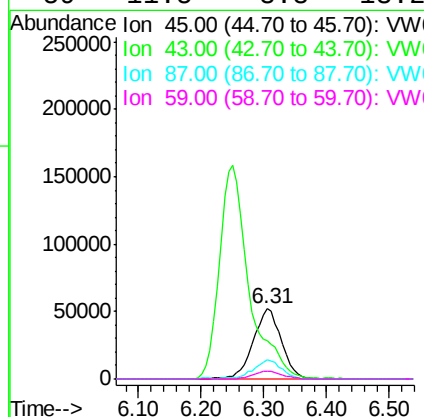
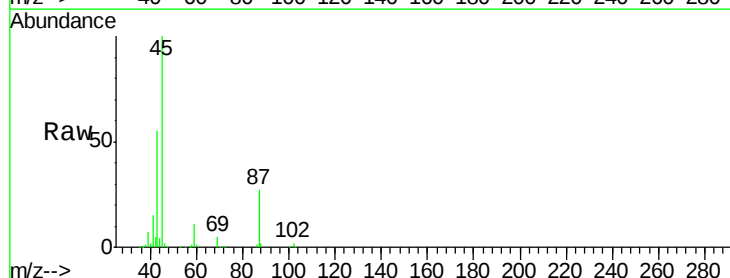
RT: 6.31 min Scan# 722

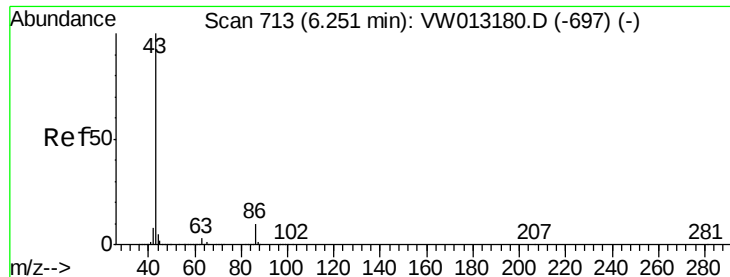
Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion:	45	Resp:	161472
Ion	Ratio	Lower	Upper
45	100		
43	55.1	42.4	63.6
87	27.0	20.4	30.6
59	11.5	8.8	13.2





#23

Vinyl Acetate

Concen: 101.776 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion: 43 Resp: 519008

Ion Ratio Lower Upper

43 100

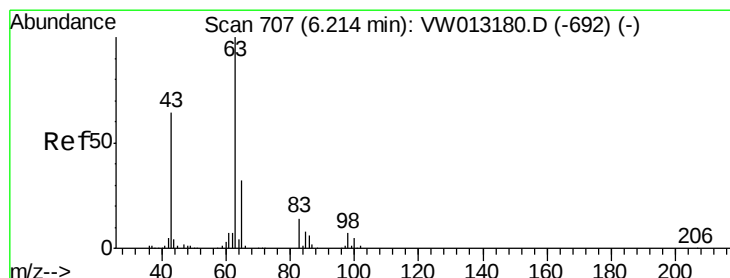
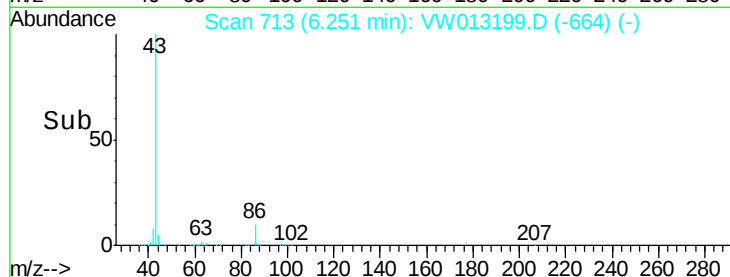
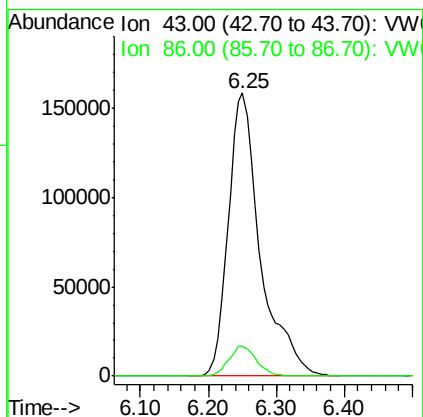
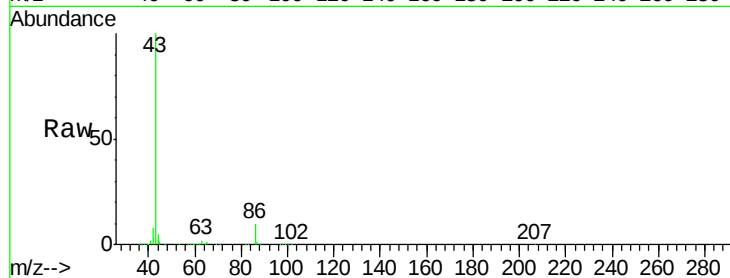
86 10.4 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 18.940 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

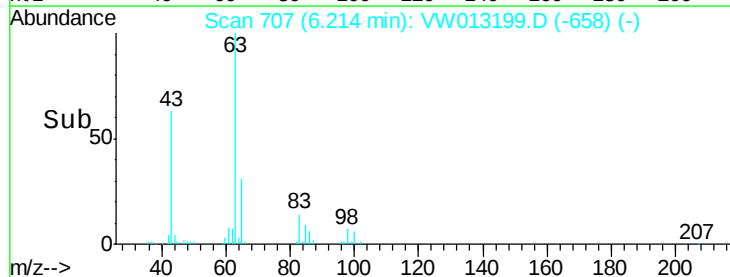
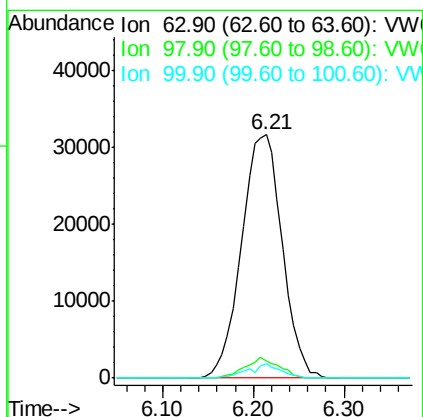
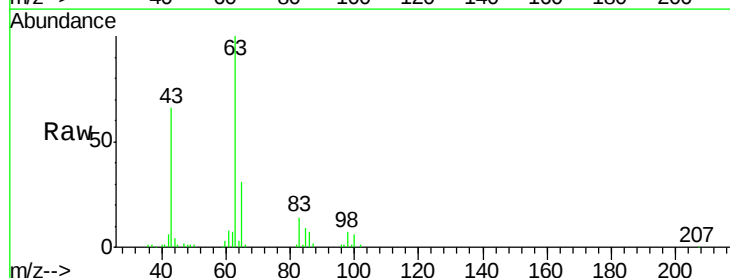
Tgt Ion: 63 Resp: 98242

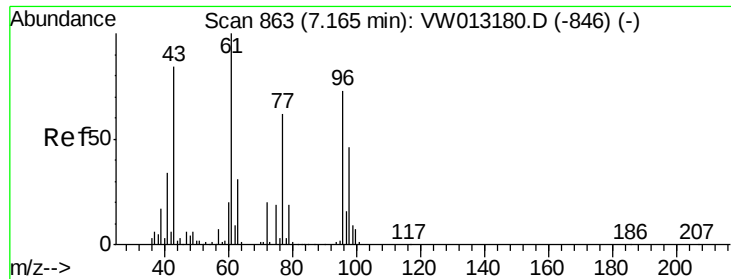
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 6.0 2.4 7.1





#25

2-Butanone

Concen: 120.598 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion: 43 Resp: 101837

Ion Ratio Lower Upper

43 100

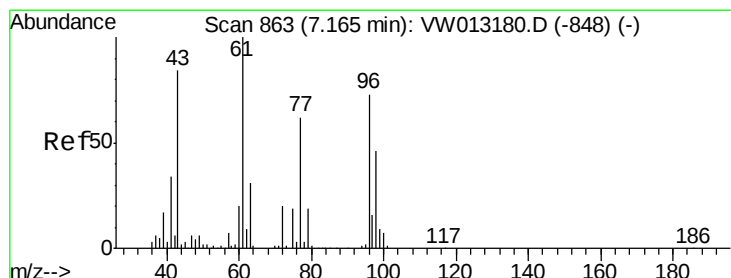
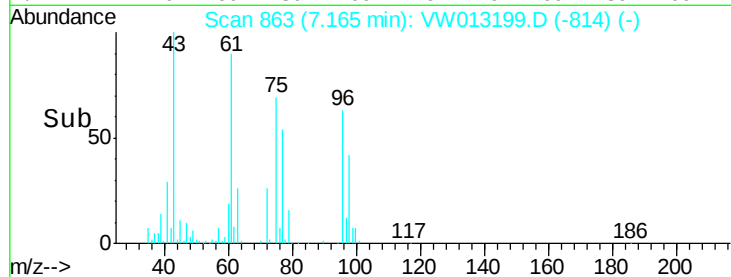
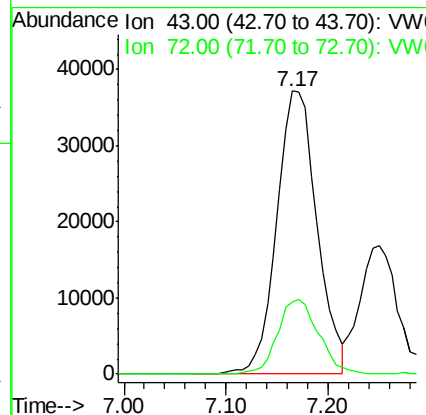
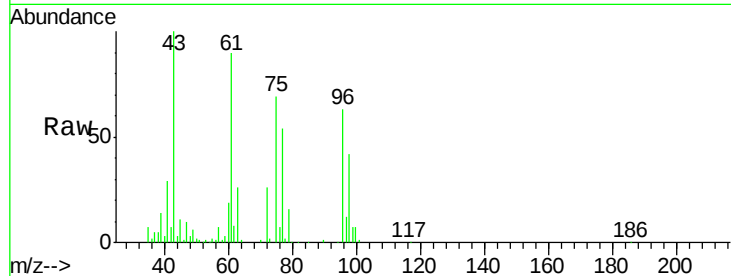
72 25.6 19.4 29.0

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#26

2,2-Dichloropropane

Concen: 17.366 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013199.D

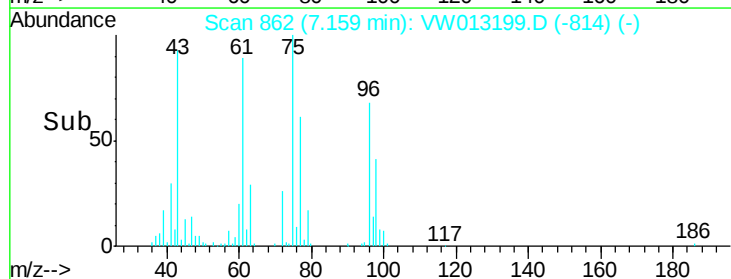
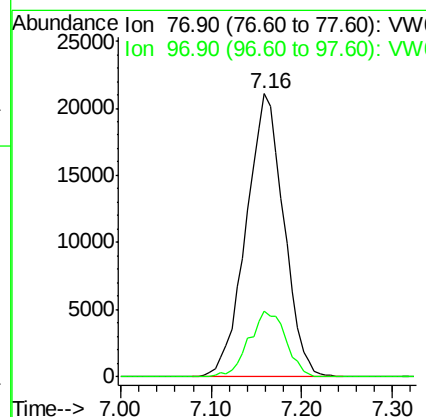
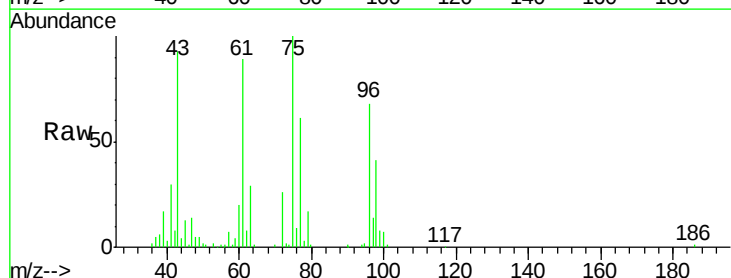
Acq: 20 Sep 2019 23:10

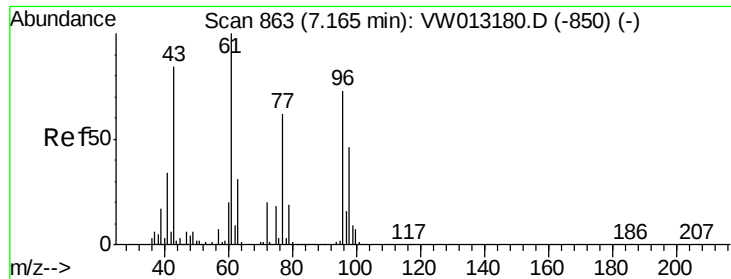
Tgt Ion: 77 Resp: 60644

Ion Ratio Lower Upper

77 100

97 22.7 11.8 35.4





#27

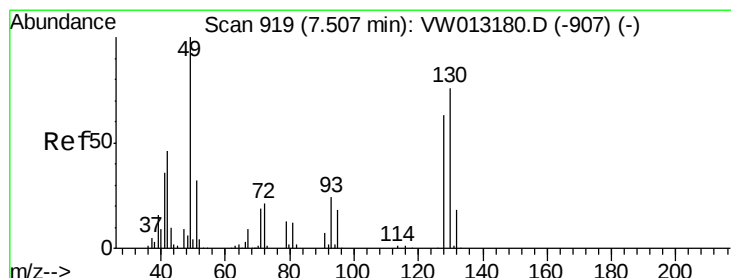
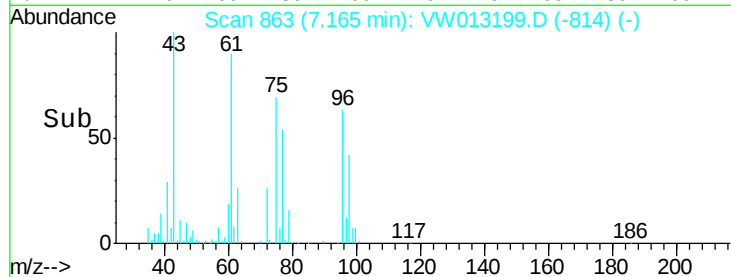
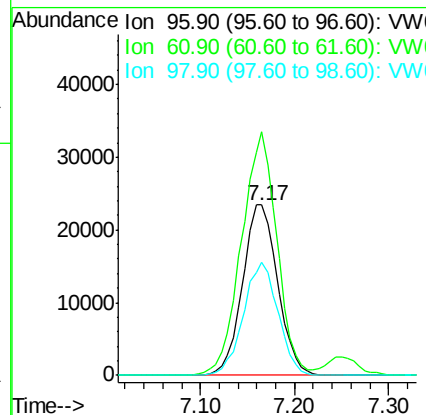
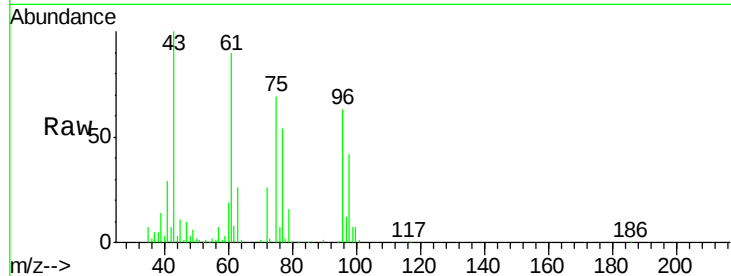
cis-1,2-Dichloroethene
 Concen: 18.776 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	282.4
98	65.0	0.0	128.2

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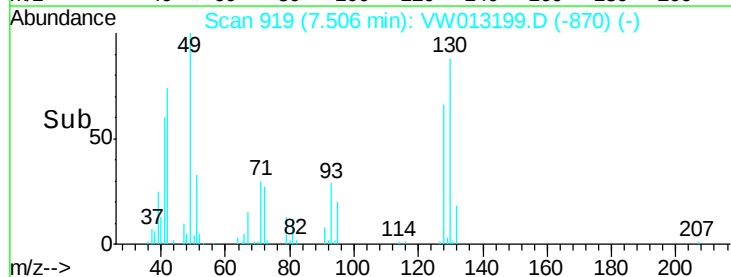
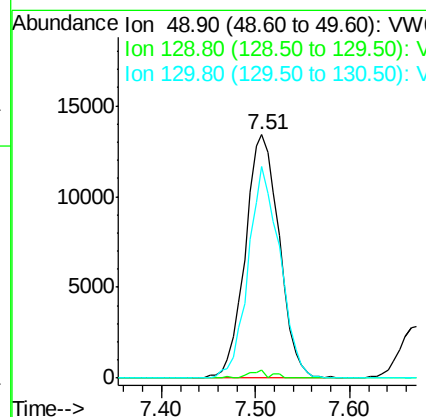
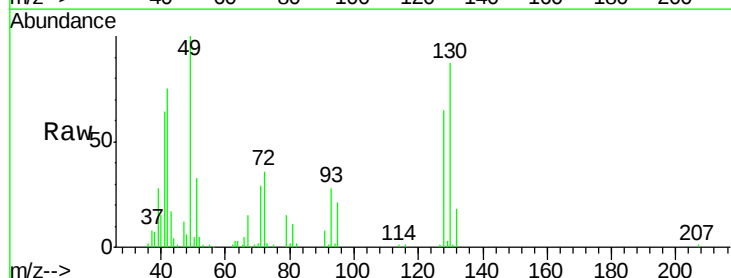
MMDadoda
 9/24/2019 5:29:00 AM



#28

Bromochloromethane
 Concen: 16.913 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	1.0#
130	81.4	63.4	95.2





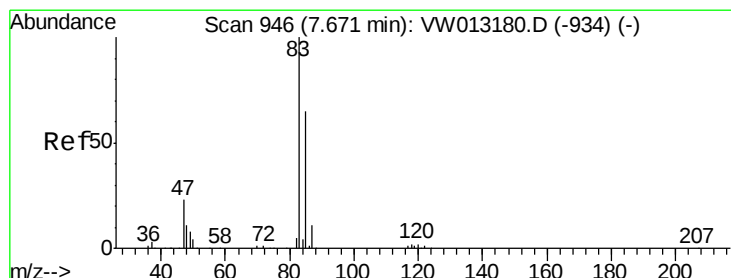
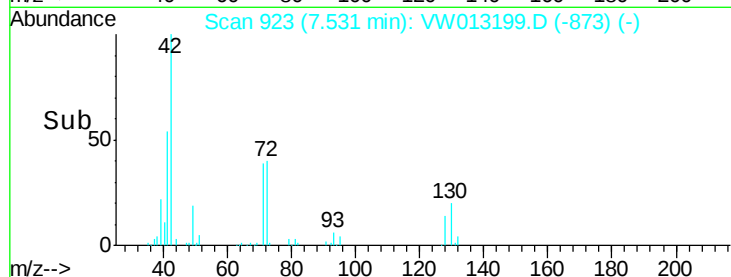
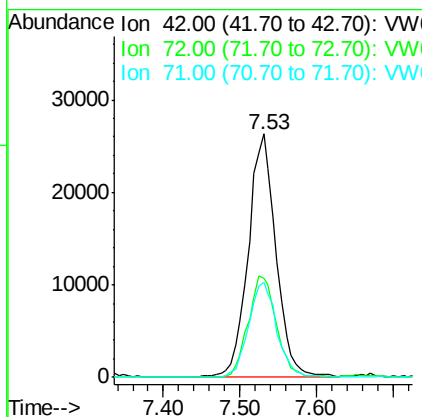
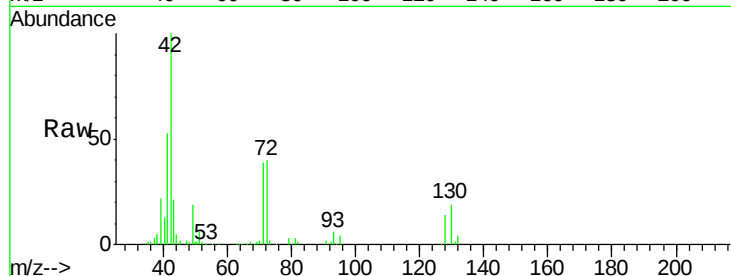
#29
Tetrahydrofuran
Concen: 128.905 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion:	42	Resp:	66755
Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.9	50.9
71	39.7	31.9	47.9

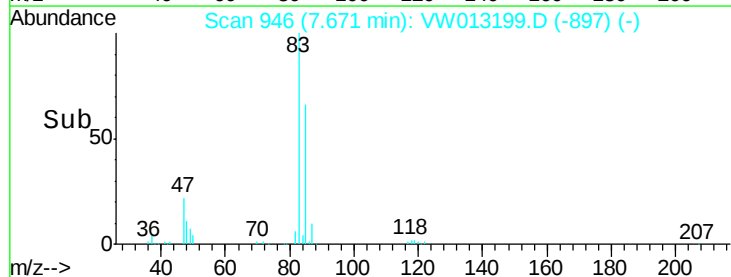
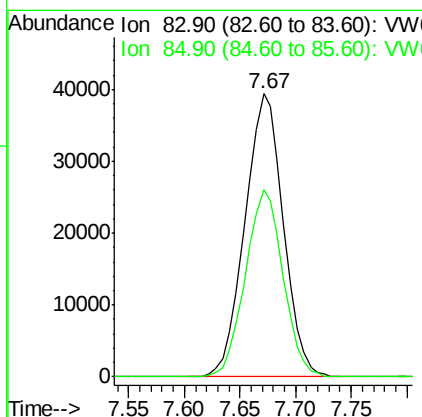
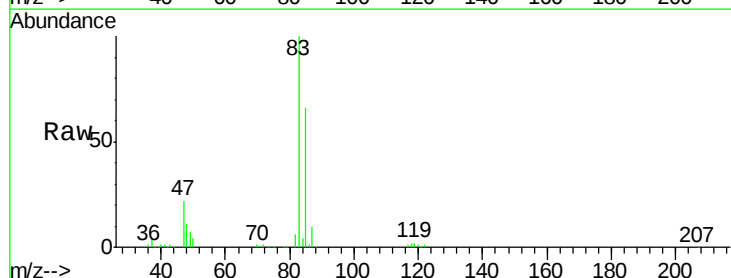
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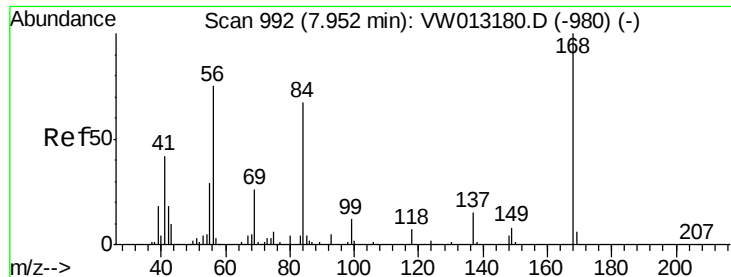
MMDadoda
9/24/2019 5:29:00 AM



#30
Chloroform
Concen: 18.561 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion:	83	Resp:	94256
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.3	78.5





#31

Cyclohexane

Concen: 20.312 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

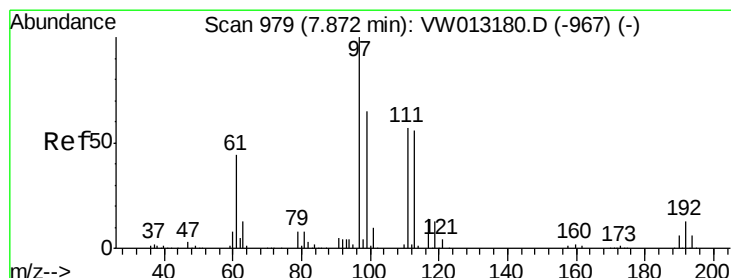
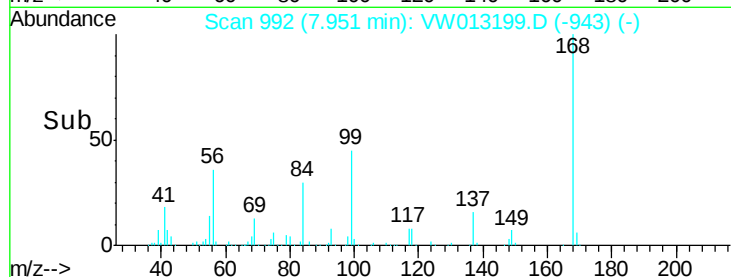
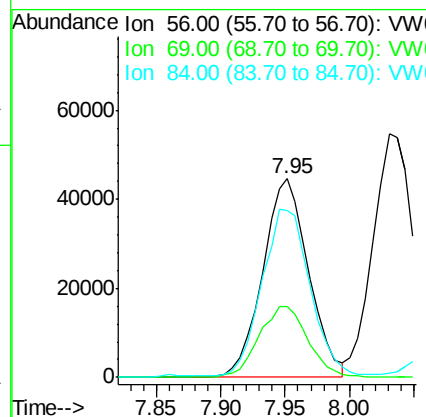
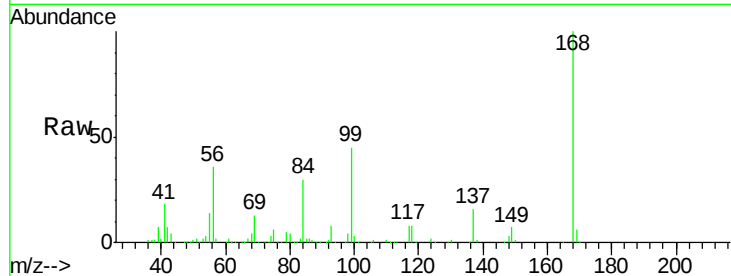
ClientSampleId :

VW0920SBS02

Tot Ion:	56	Resp:	109825
Ion Ratio		Lower	Upper
56	100		
69	35.8	27.2	40.8
84	83.4	70.8	106.2

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#32

1,1,1-Trichloroethane

Concen: 19.603 ug/l

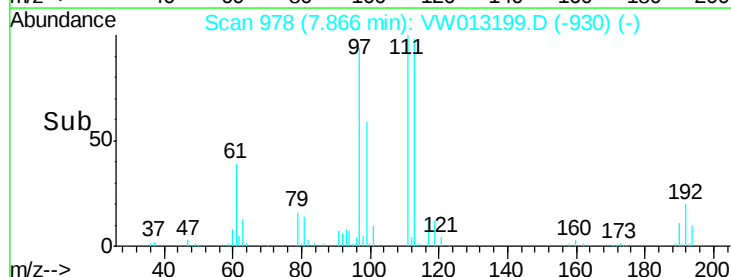
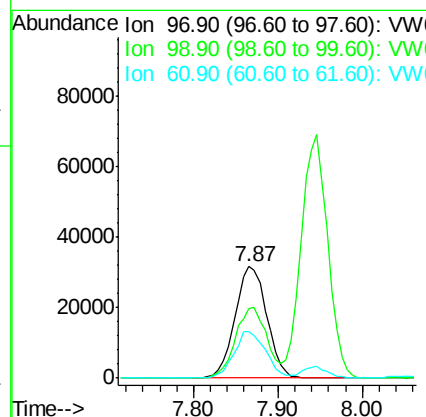
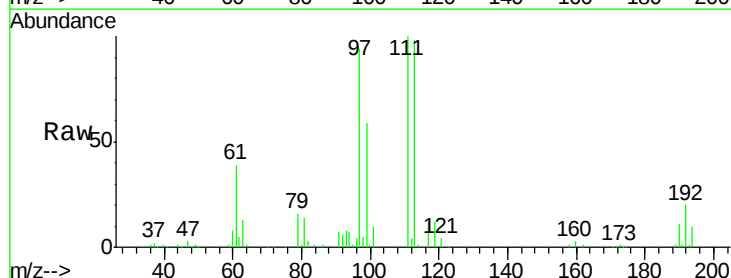
RT: 7.87 min Scan# 978

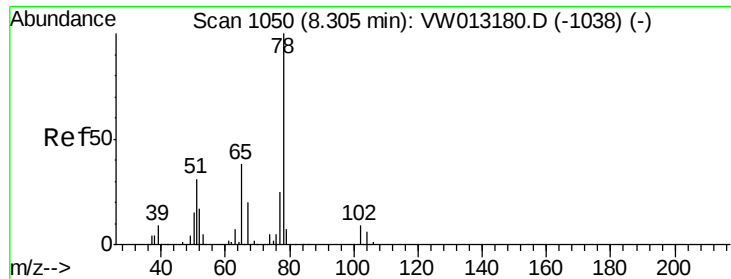
Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion:	97	Resp:	80626
Ion Ratio		Lower	Upper
97	100		
99	62.9	51.7	77.5
61	41.8	34.6	51.8





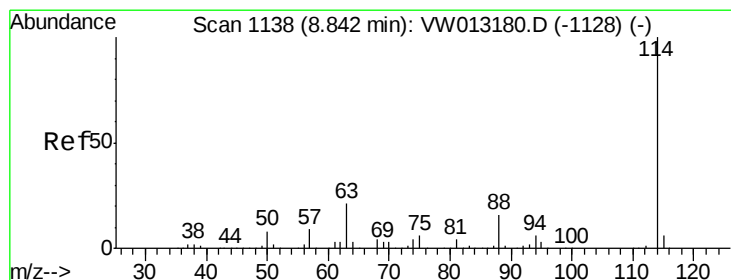
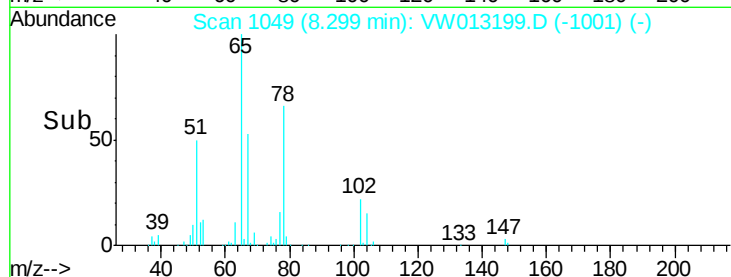
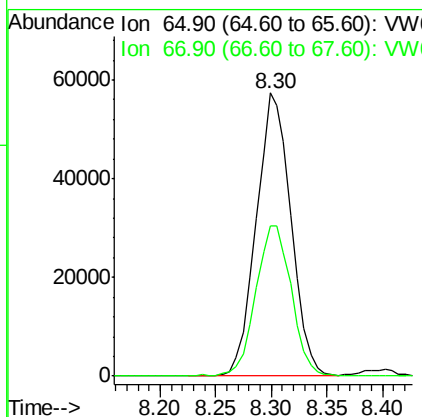
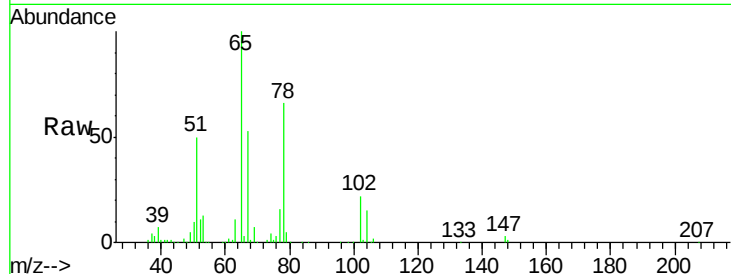
#33
 1,2-Dichloroethane-d4
 Concen: 49.922 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	124526		
67	54.5	0.0	106.2	

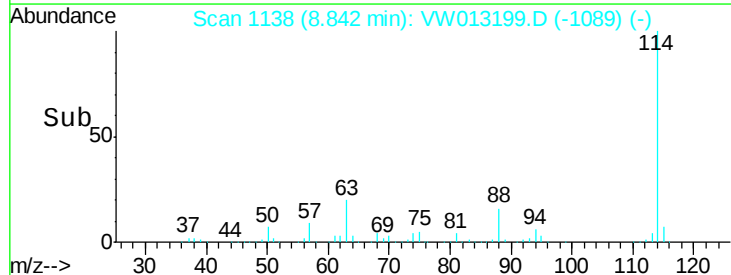
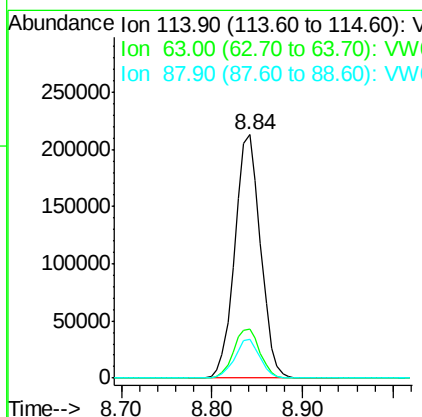
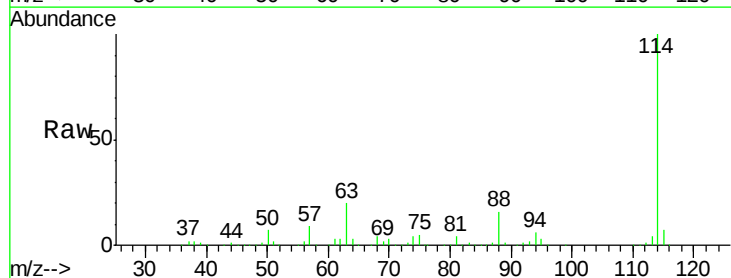
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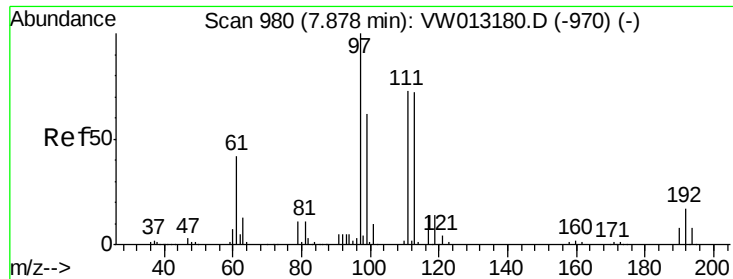
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 9/24/2019 5:29:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	420425		
63	20.0	0.0	41.4	
88	15.7	0.0	32.0	





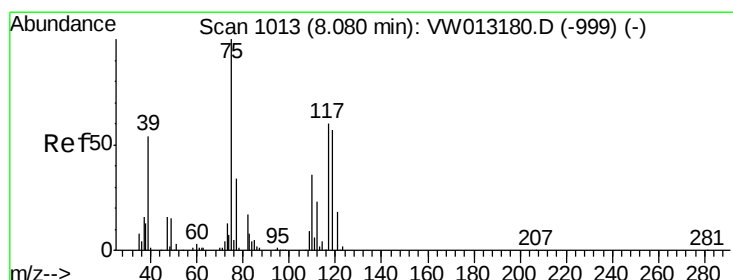
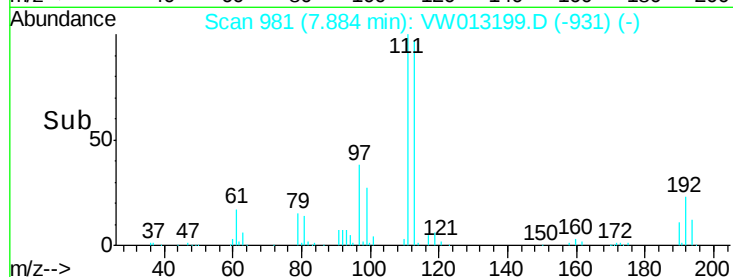
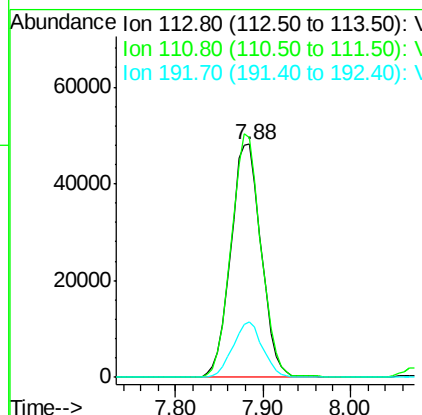
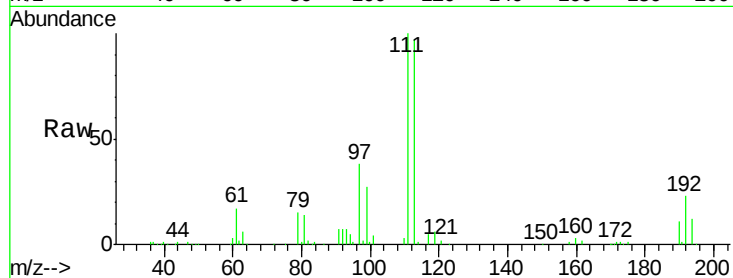
#35
 Dibromofluoromethane
 Concen: 50.628 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.1	81.9	122.9	
192	23.1	19.1	28.7	

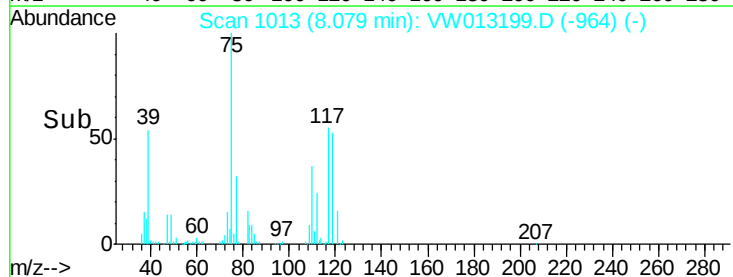
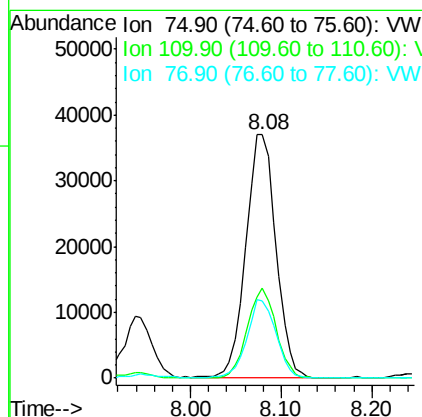
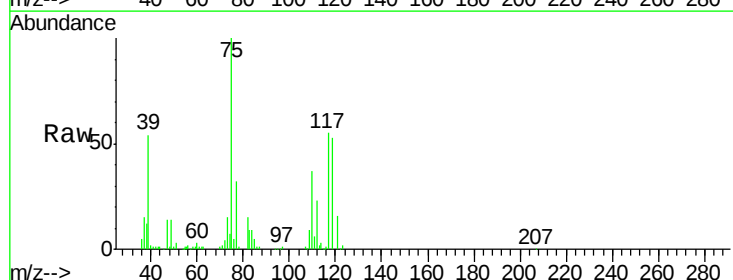
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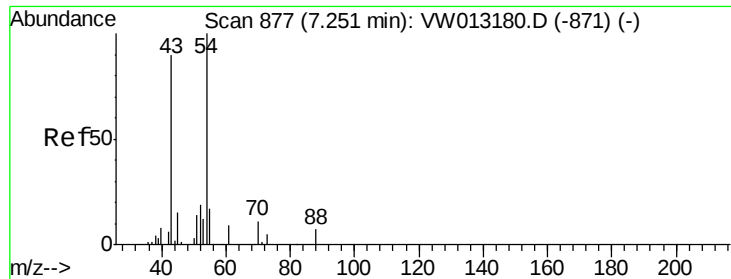
MMDadoda
 9/24/2019 5:29:00 AM



#36
 1,1-Dichloropropene
 Concen: 20.980 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.4	18.1	54.3	
77	31.3	25.8	38.6	





#37

Ethyl Acetate

Concen: 25.899 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampled :

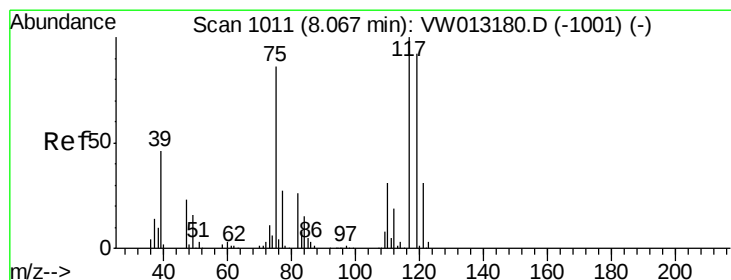
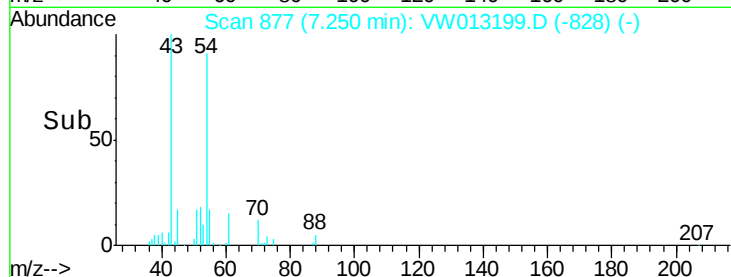
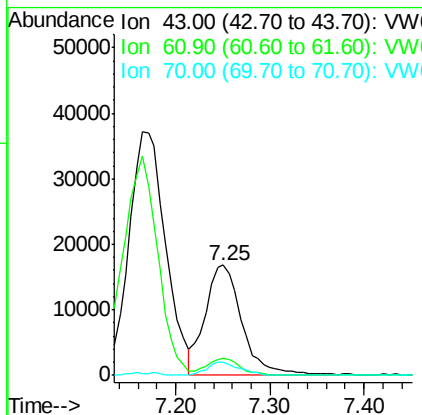
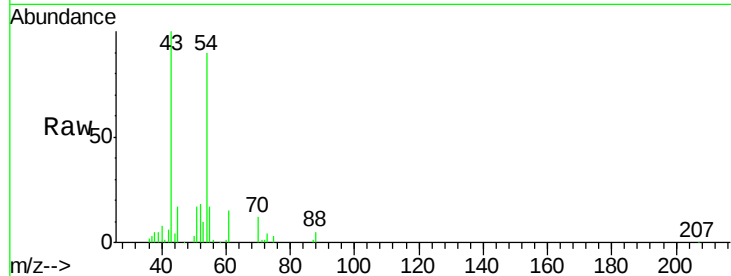
VW0920SBS02

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Tot Ion:	43	Resp:	44822
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	11.0	8.2	12.2



#38

Carbon Tetrachloride

Concen: 20.848 ug/l

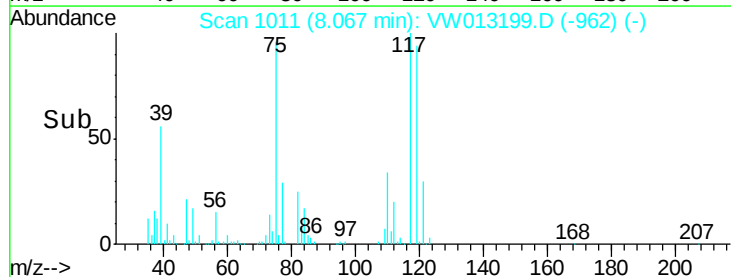
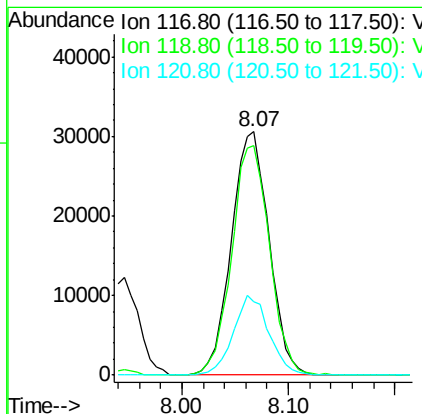
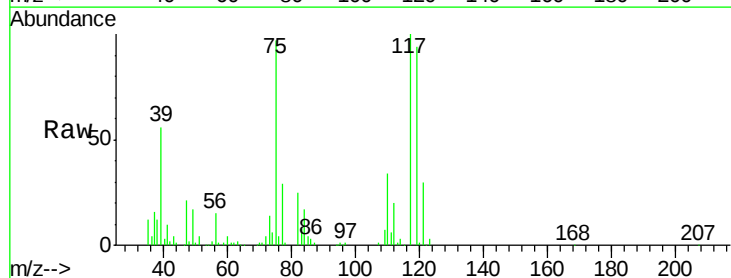
RT: 8.07 min Scan# 1011

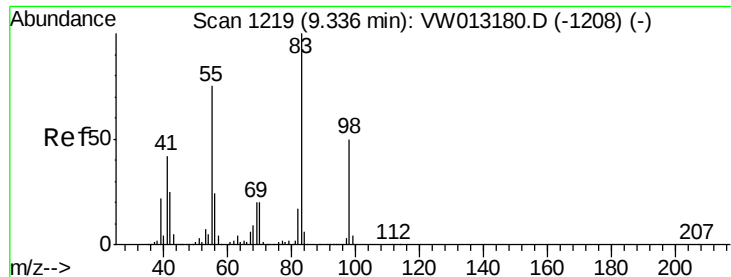
Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion:	117	Resp:	76103
Ion	Ratio	Lower	Upper
117	100		
119	94.3	73.5	110.3
121	30.3	25.0	37.6





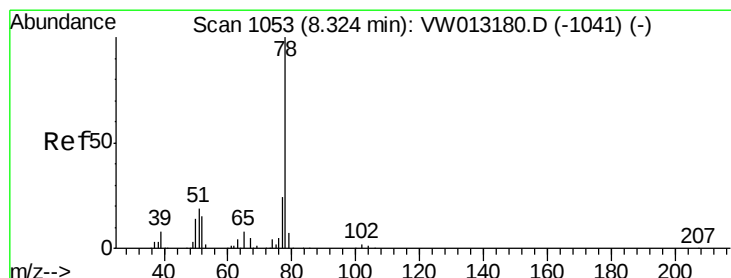
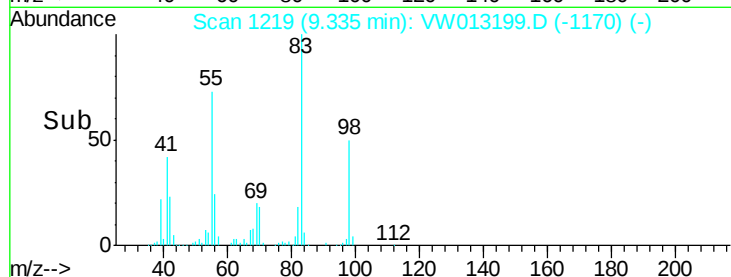
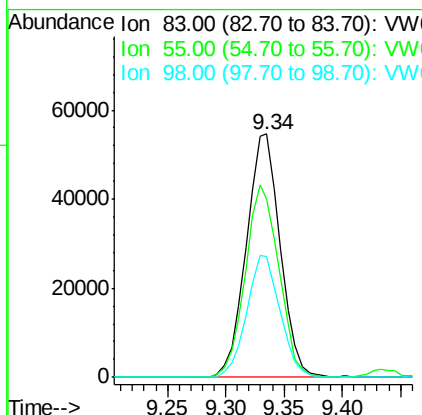
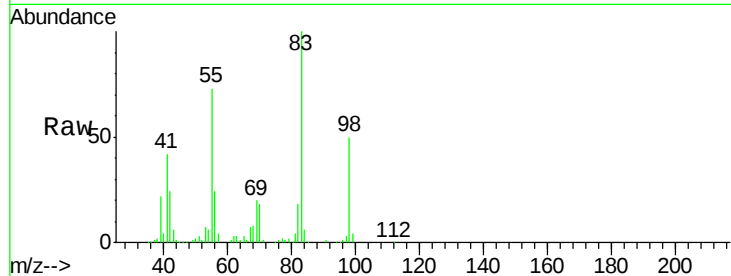
#39
Methvlcvclohexane
Concen: 21.232 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion:	83	Resp:	111110
Ion Ratio	Lower	Upper	
83	100		
55	73.4	60.4	90.6
98	49.6	40.0	60.0

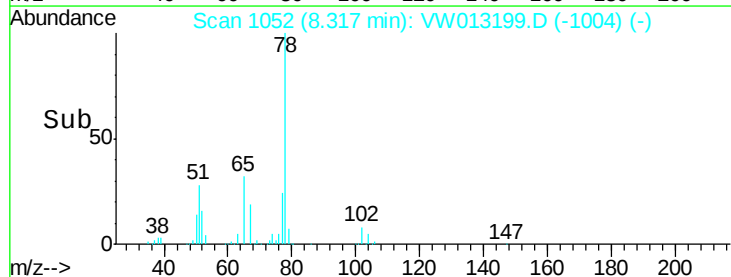
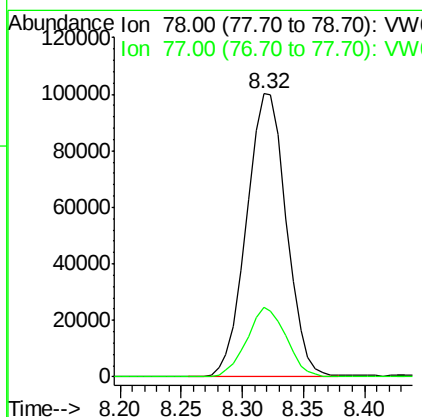
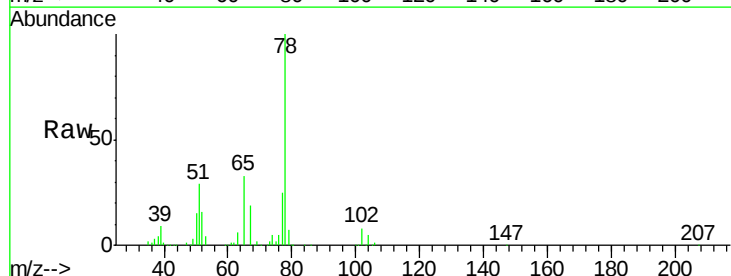
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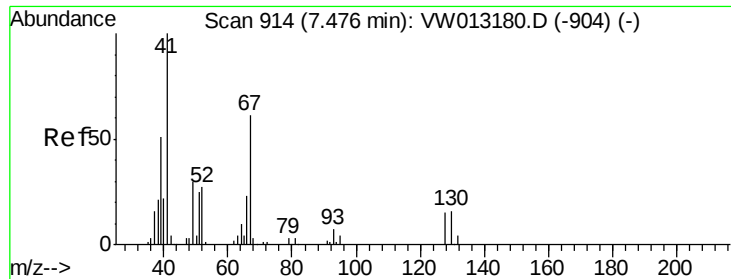
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#40
Benzene
Concen: 20.022 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion:	78	Resp:	227411
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.1	28.7





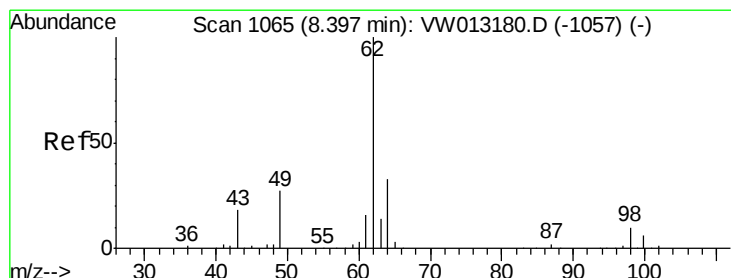
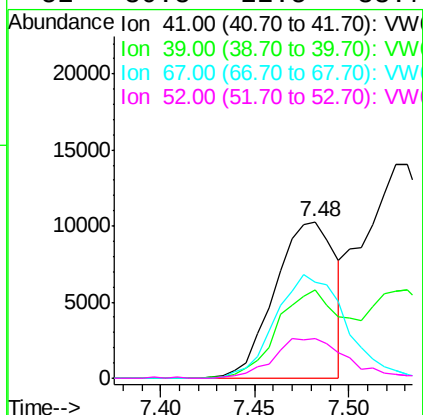
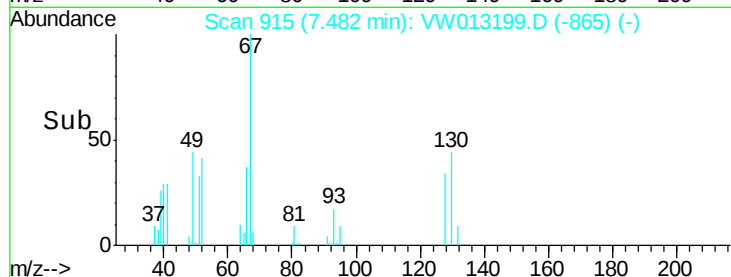
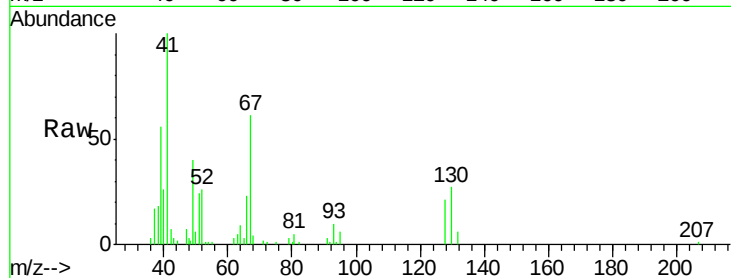
#41
Methacrylonitrile
Concen: 22.221 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.4	45.9	68.9
67	77.3	54.5	81.7
52	30.8	22.5	33.7

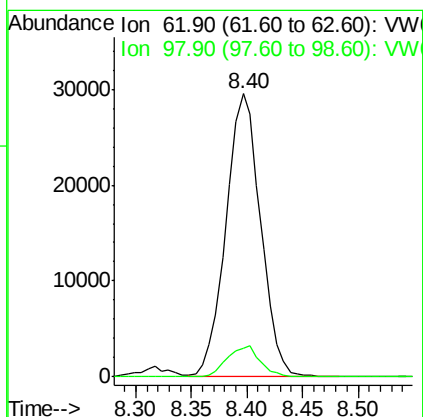
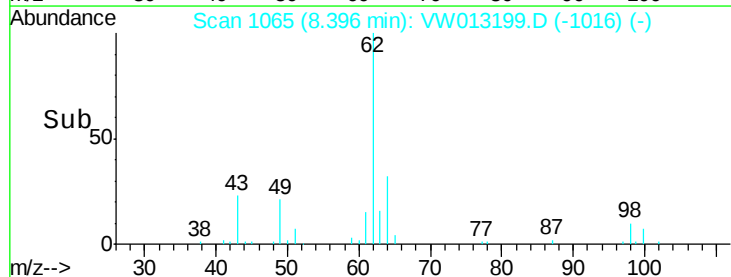
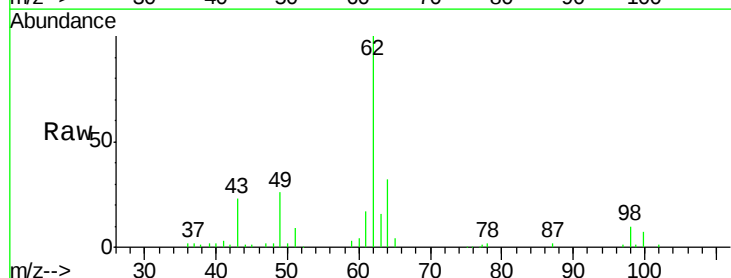
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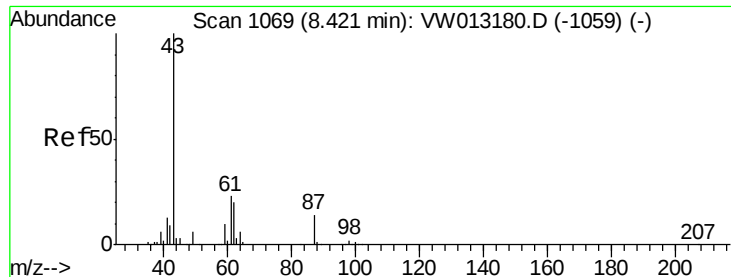
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.884 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 23.620 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

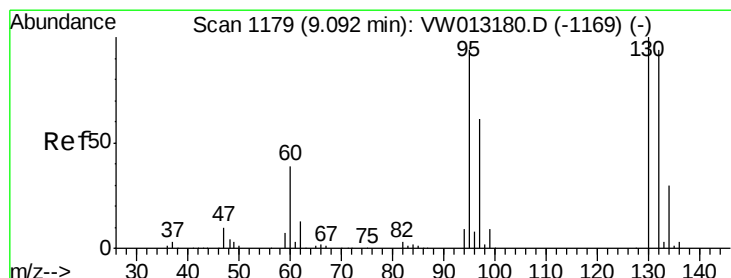
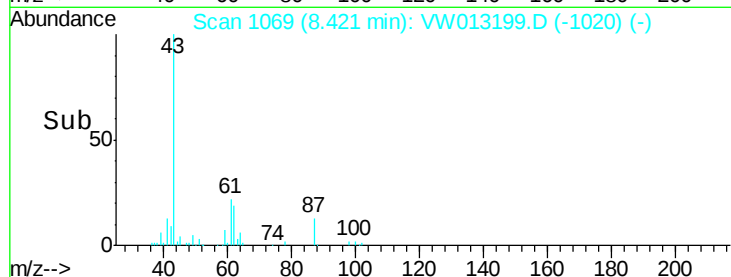
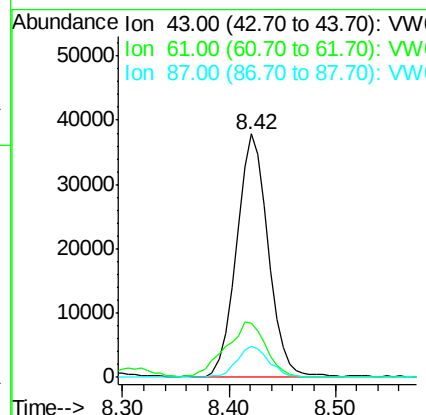
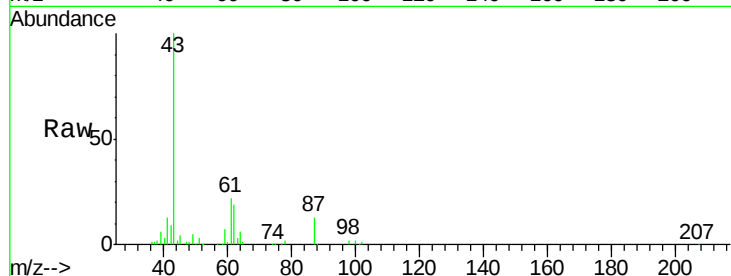
ClientSampleId :

VW0920SBS02

Tot Ion:	43	Resp:	78346
Ion	Ratio	Lower	Upper
43	100		
61	29.4	25.5	38.3
87	12.9	11.0	16.4

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#44

Trichloroethene

Concen: 19.907 ug/l

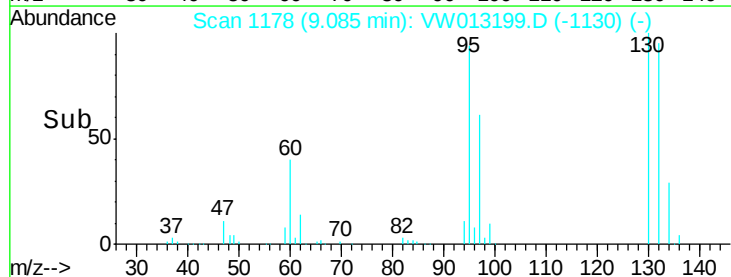
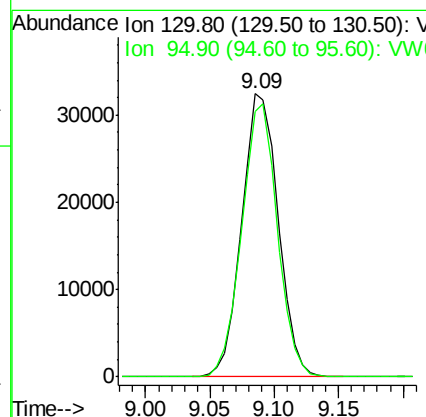
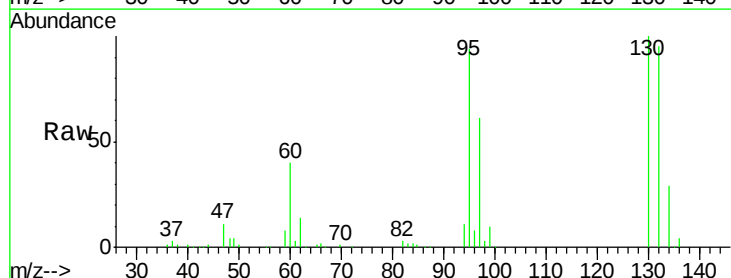
RT: 9.09 min Scan# 1178

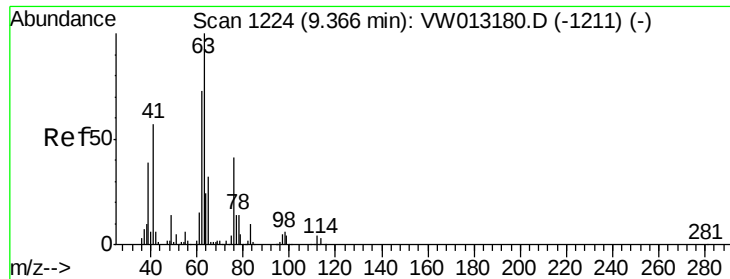
Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion:	130	Resp:	63439
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	188.0





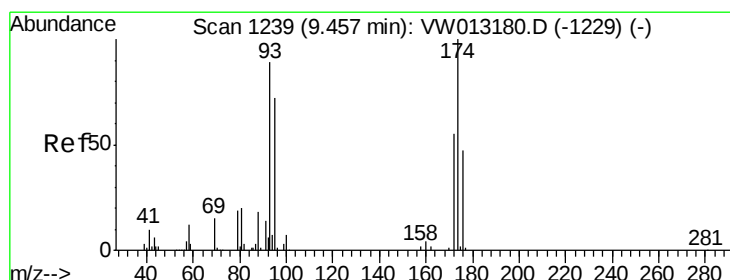
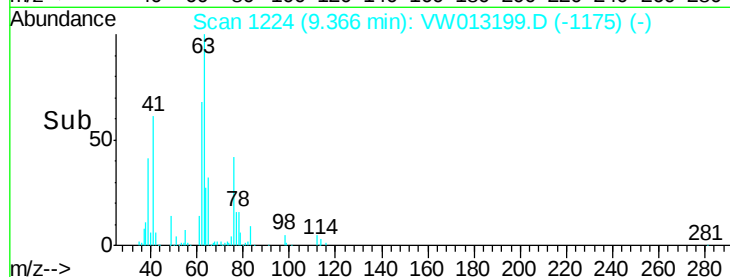
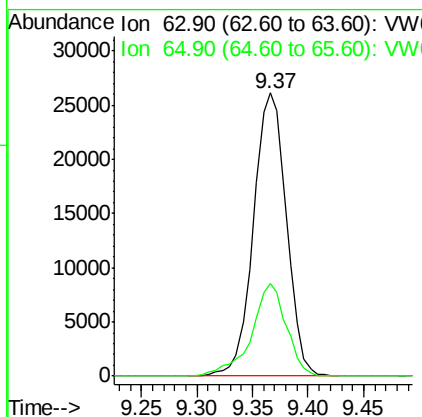
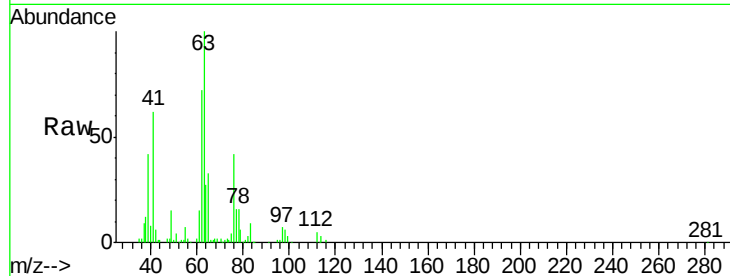
#45
 1,2-Dichloropropane
 Concen: 19.413 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.3	37.9

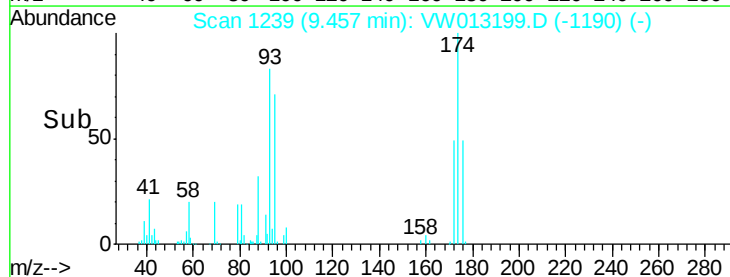
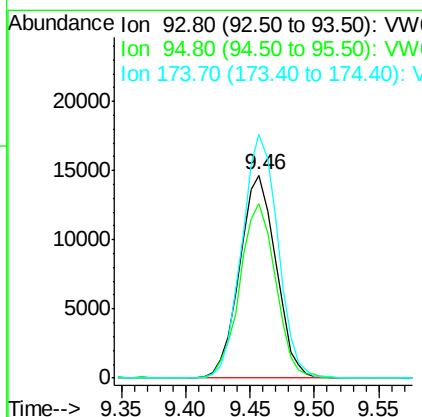
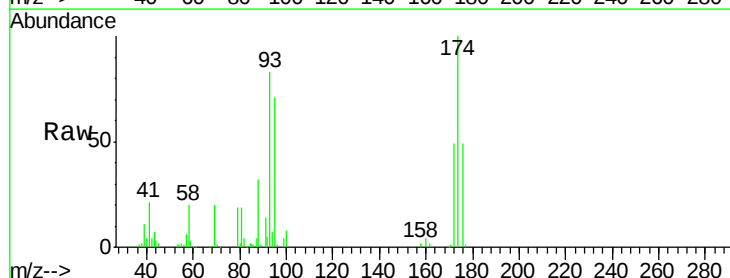
Manual Integrations
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 9/24/2019 5:29:00 AM



#46
 Dibromomethane
 Concen: 21.289 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.4	99.6
174	118.8	93.0	139.6





#47

Bromodichloromethane

Concen: 19.228 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

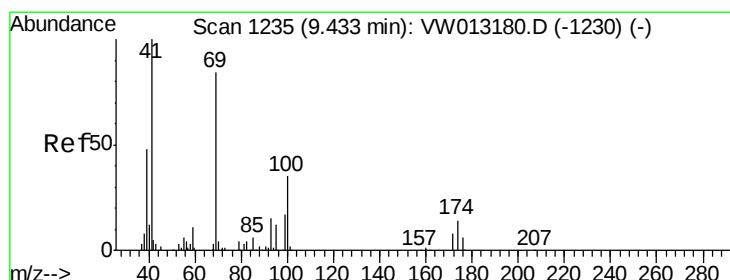
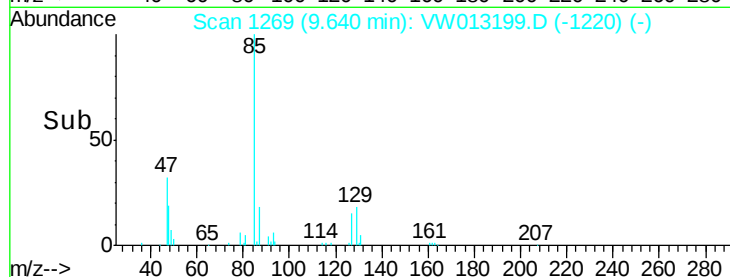
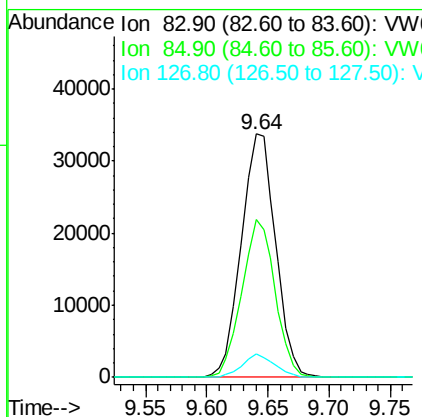
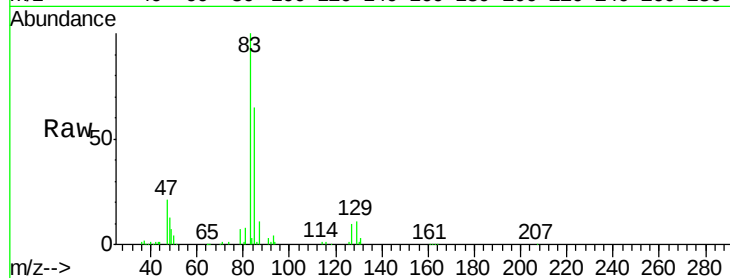
ClientSampleId :

VW0920SBS02

Tot Ion:	83	Resp:	65870
Ion	Ratio	Lower	Upper
83	100		
85	65.0	49.4	74.2
127	9.6	6.5	9.7

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#48

Methyl methacrylate

Concen: 25.634 ug/l

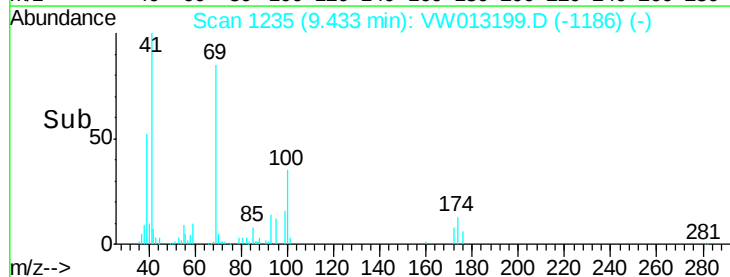
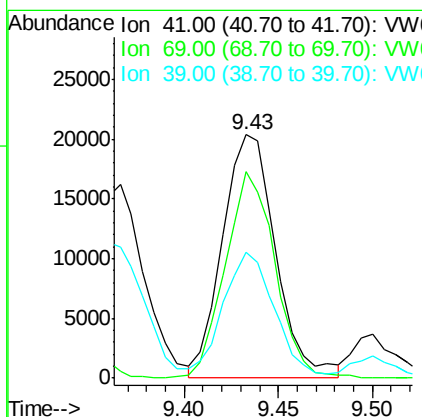
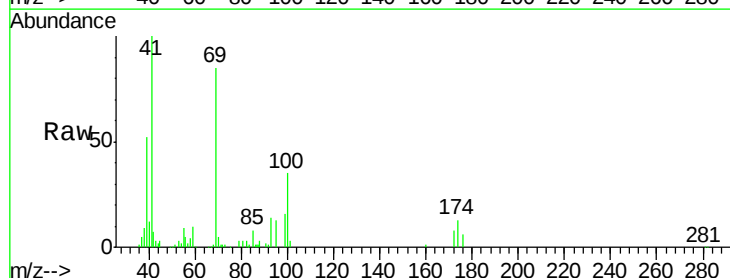
RT: 9.43 min Scan# 1235

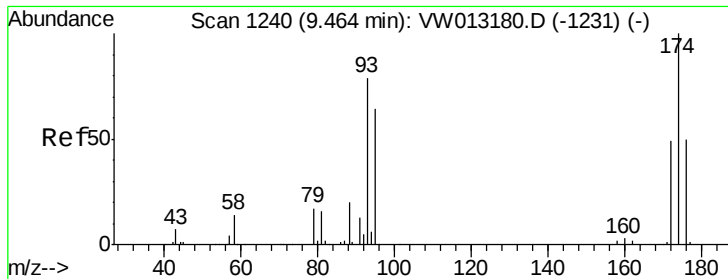
Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion:	41	Resp:	39982
Ion	Ratio	Lower	Upper
41	100		
69	79.3	69.7	104.5
39	46.5	41.1	61.7





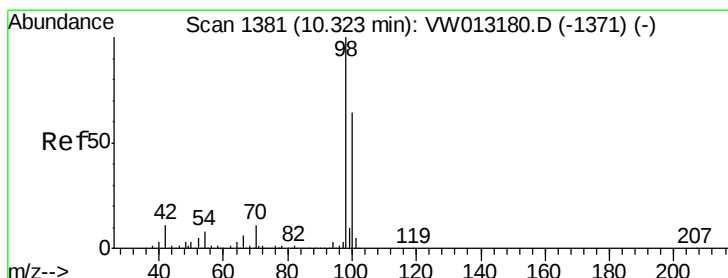
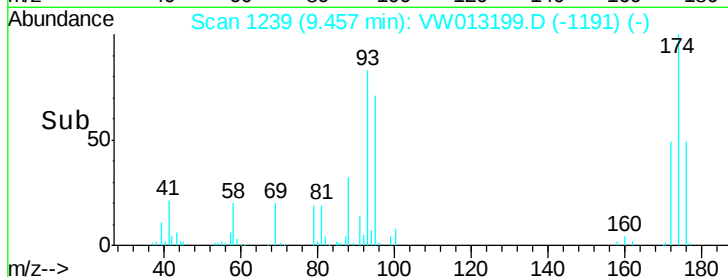
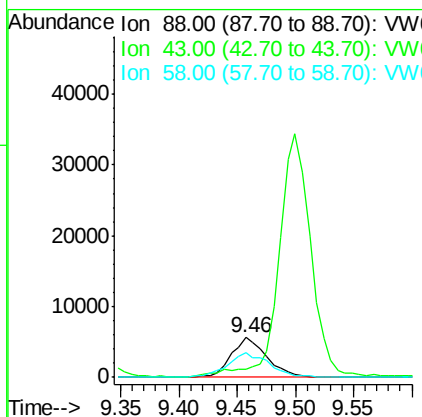
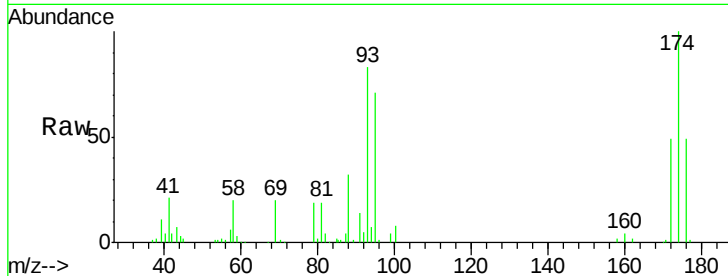
#49
1,4-Dioxane
Concen: 596.072 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion	88	Resp	12046
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	72.0	65.4	98.0

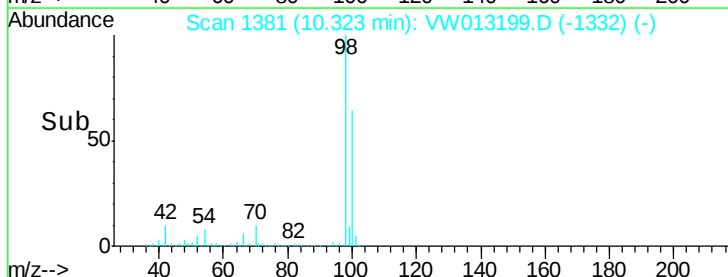
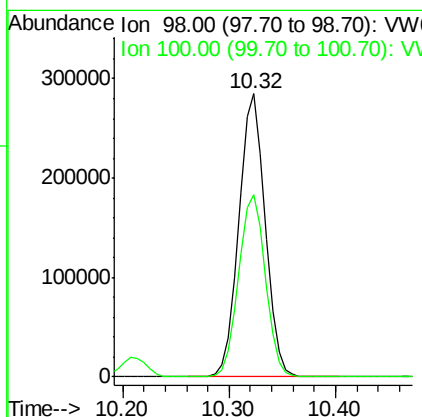
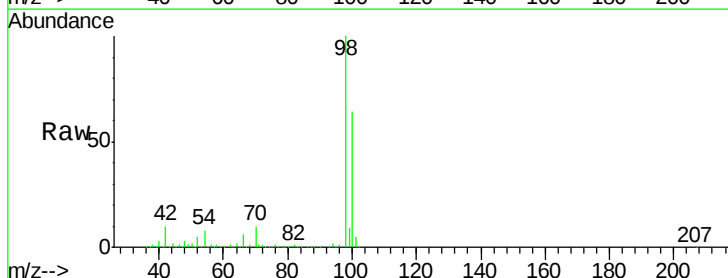
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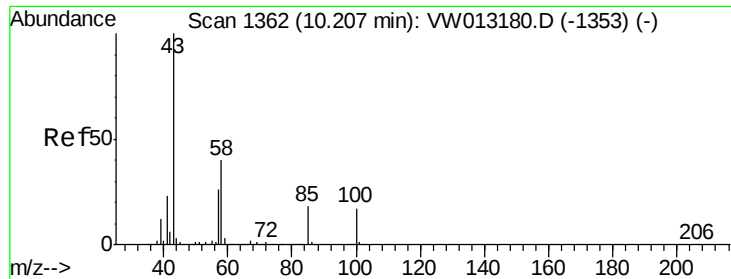
MMDadoda
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#50
Toluene-d8
Concen: 51.131 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	98	Resp	494820
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 129.793 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion: 43 Resp: 215828

Ion Ratio Lower Upper

43 100

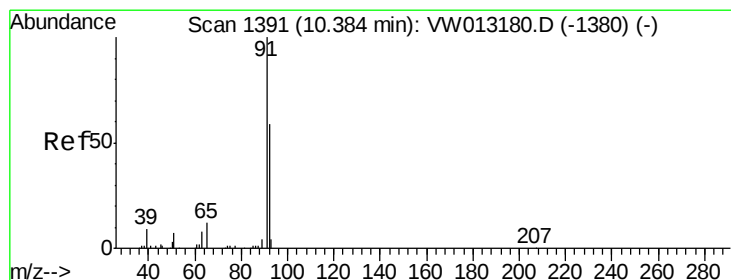
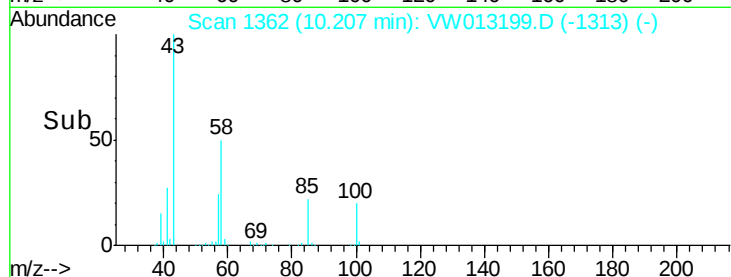
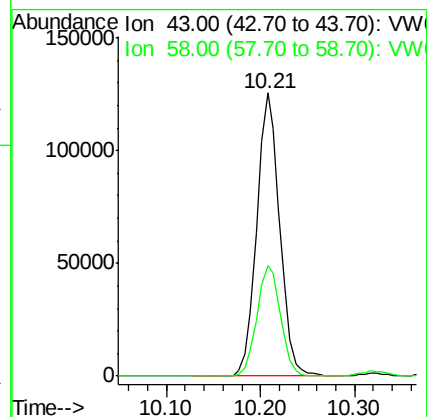
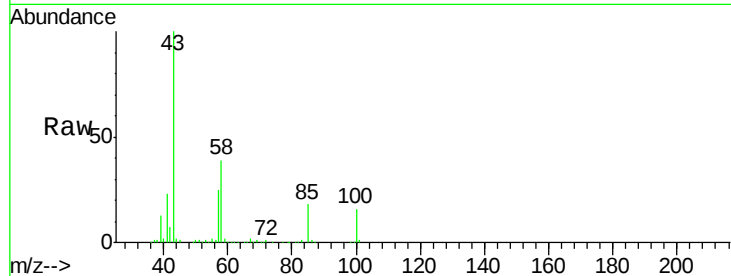
58 40.3 31.7 47.5

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#52

Toluene

Concen: 19.976 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013199.D

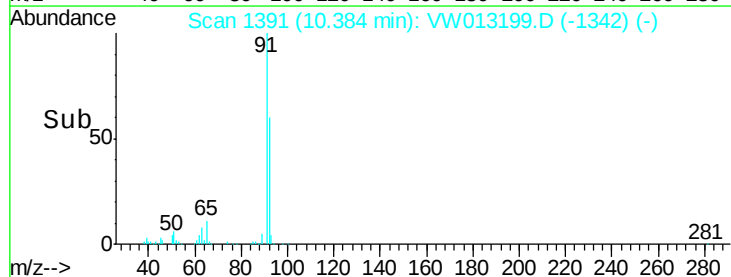
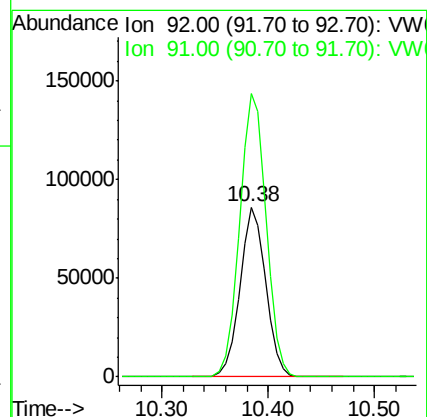
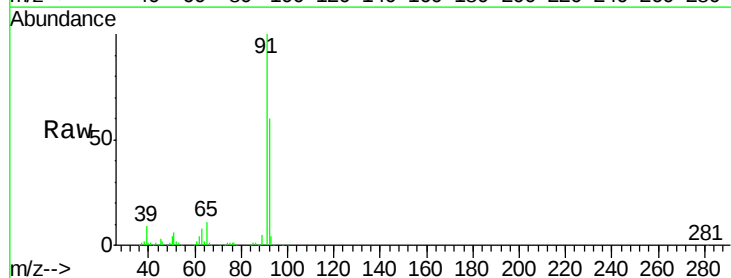
Acq: 20 Sep 2019 23:10

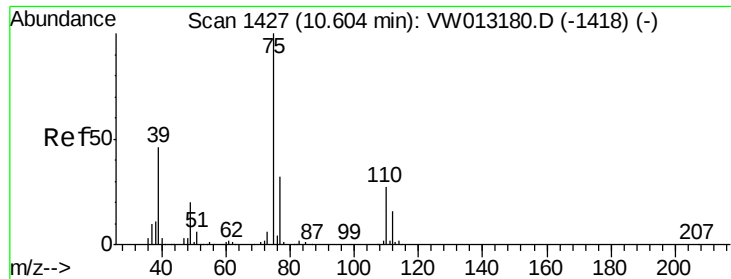
Tgt Ion: 92 Resp: 145412

Ion Ratio Lower Upper

92 100

91 172.5 135.7 203.5





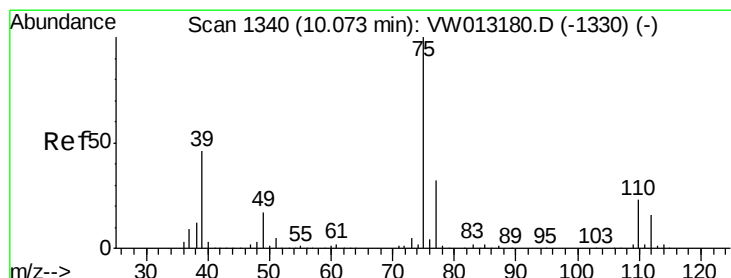
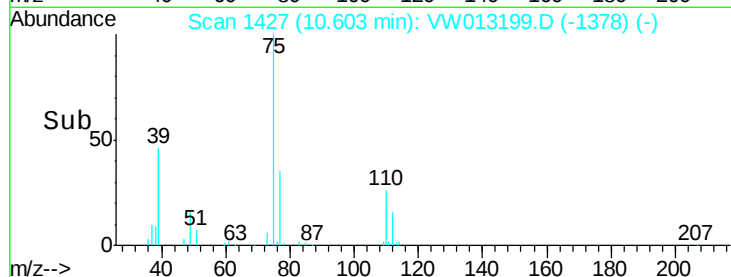
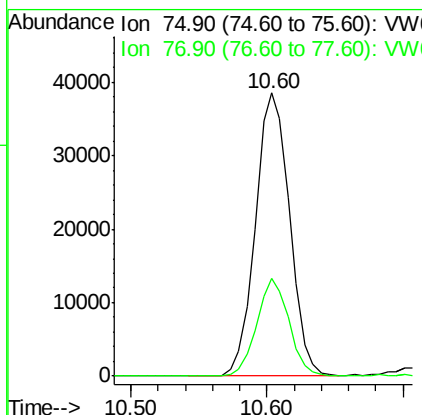
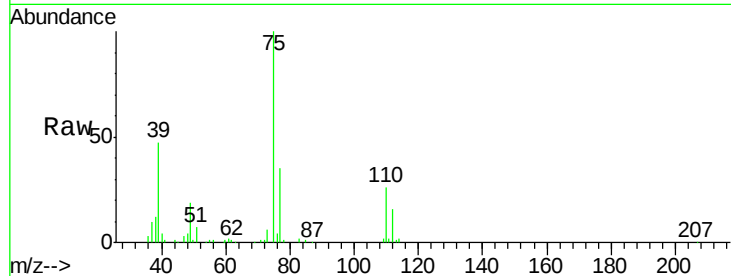
#53
t-1,3-Dichloropropene
Concen: 19.335 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampled :
VW0920SBS02

Tot Ion: 75 Resp: 68050
Ion Ratio Lower Upper
75 100
77 34.8 25.5 38.3

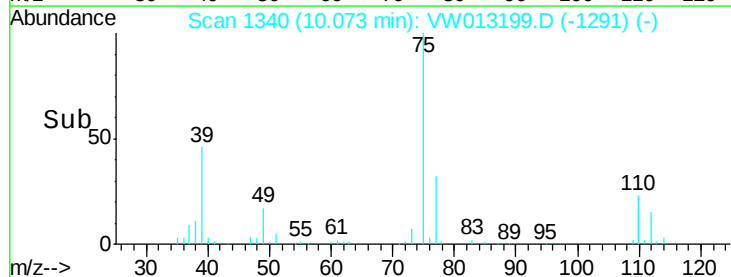
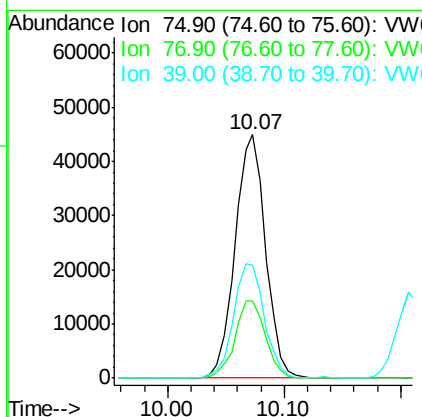
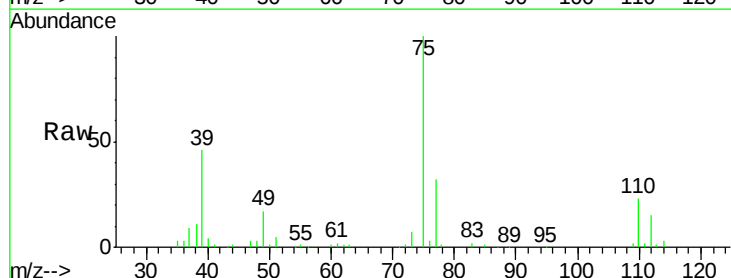
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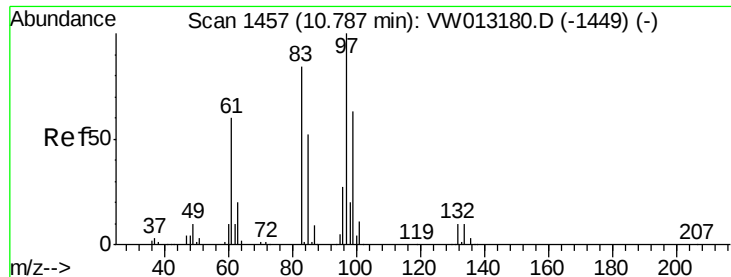
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#54
cis-1,3-Dichloropropene
Concen: 19.096 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion: 75 Resp: 81720
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 46.3 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 21.358 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion: 97 Resp: 42978

Ion Ratio Lower Upper

97 100

83 81.6 67.6 101.4

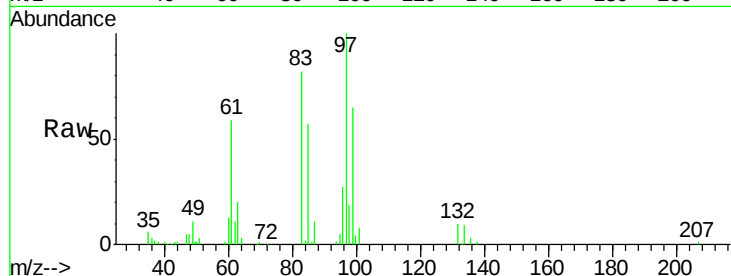
85 57.1 41.9 62.9

99 65.3 50.1 75.1

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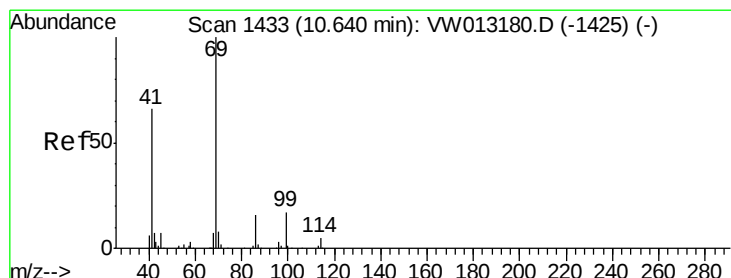
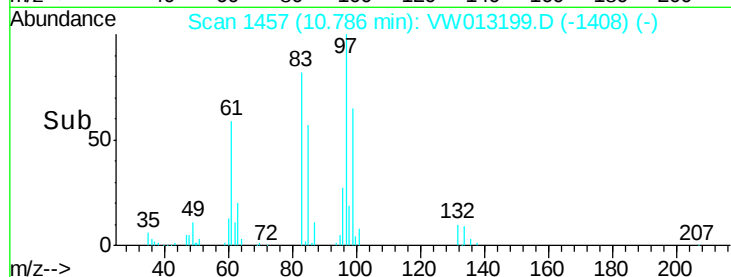
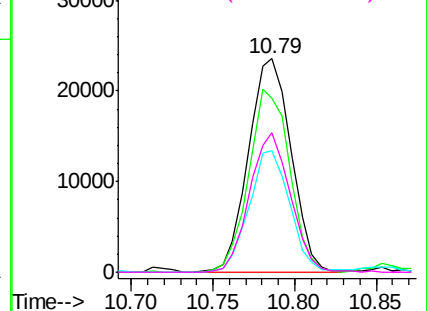


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 22.554 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

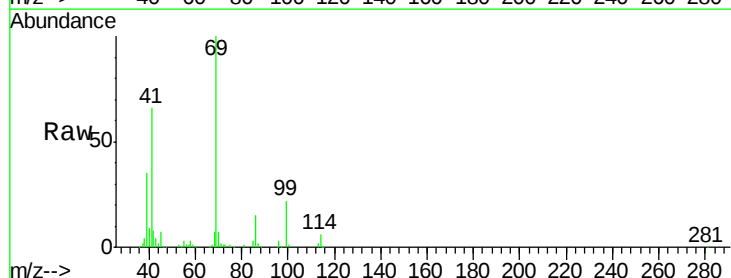
Tgt Ion: 69 Resp: 59398

Ion Ratio Lower Upper

69 100

41 70.7 53.9 80.9

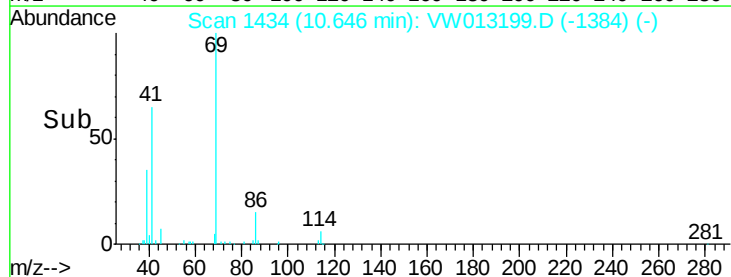
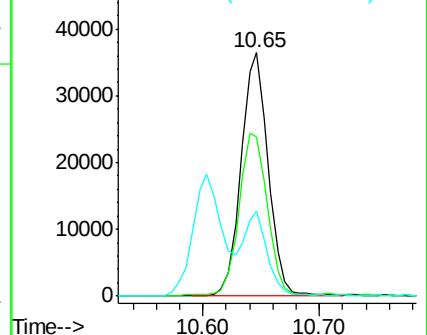
39 29.7 23.8 35.6

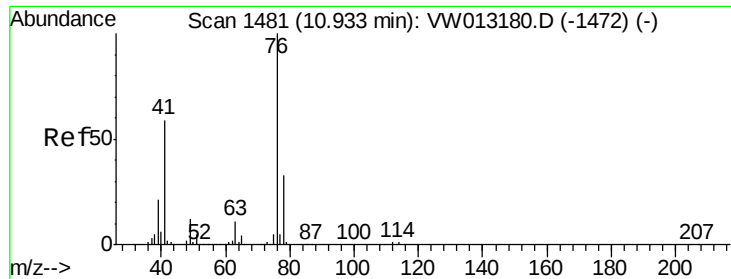


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





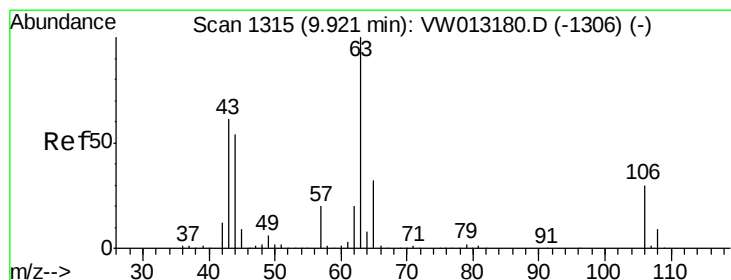
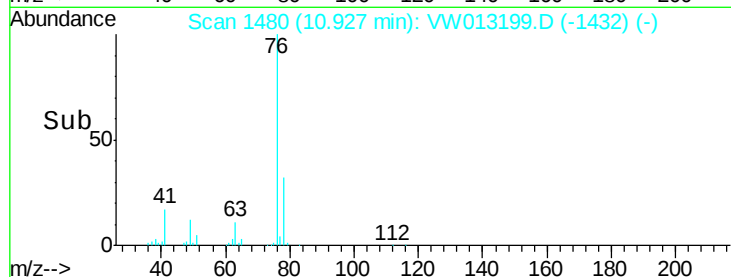
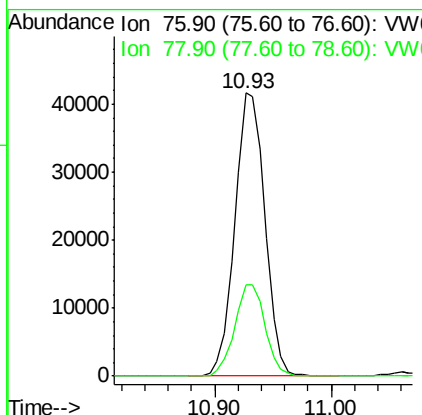
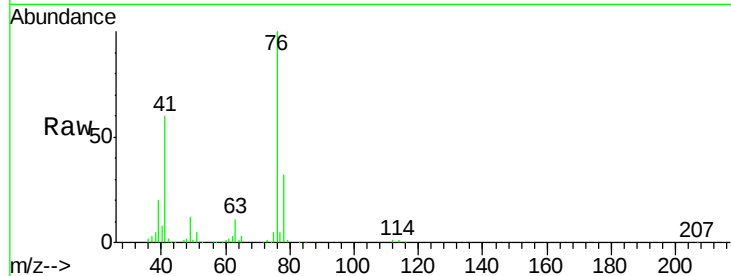
#57
 1,3-Dichloropropane
 Concen: 21.326 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.5	38.3

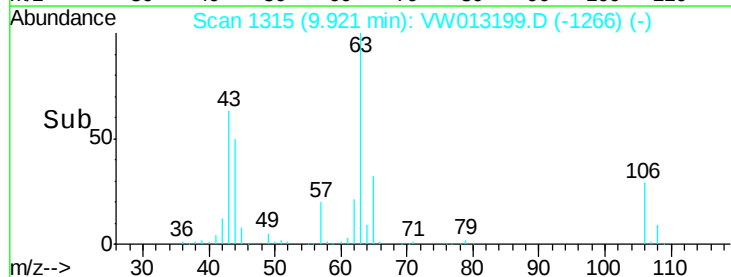
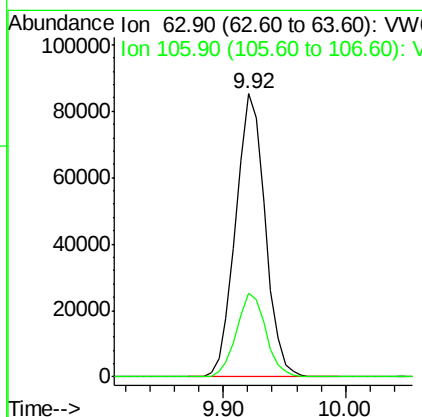
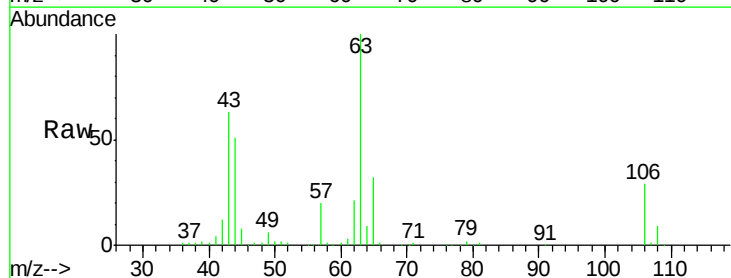
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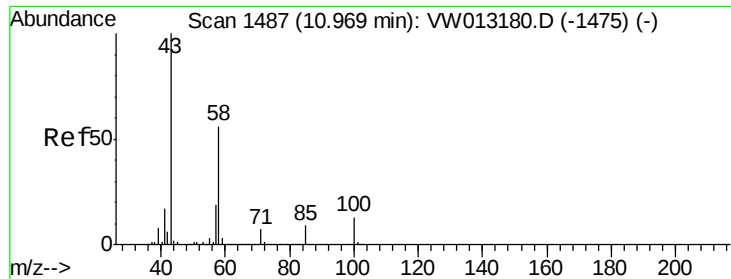
MMDadoda
 9/24/2019 5:29:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.427 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.4	35.0





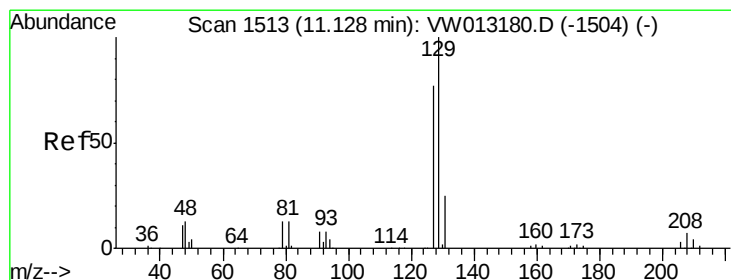
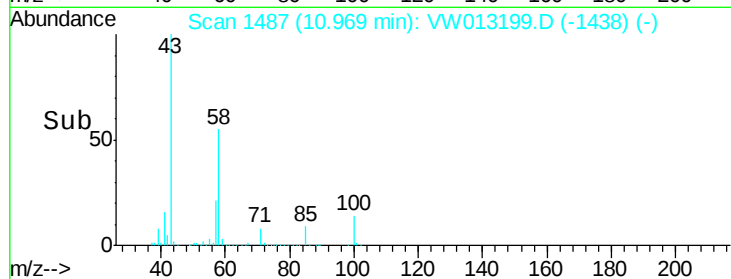
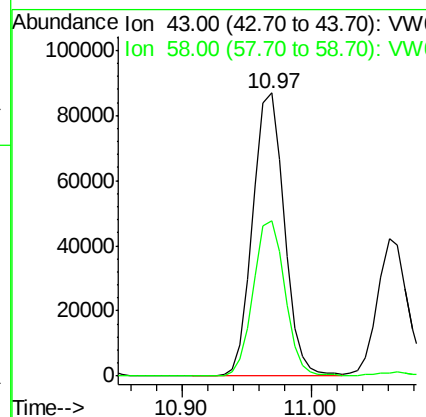
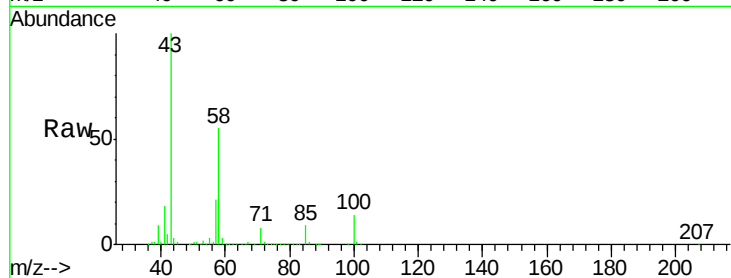
#59
2-Hexanone
Concen: 128.459 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion: 43 Resp: 146963
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.2

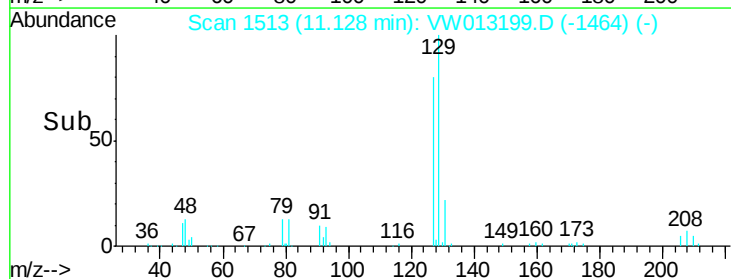
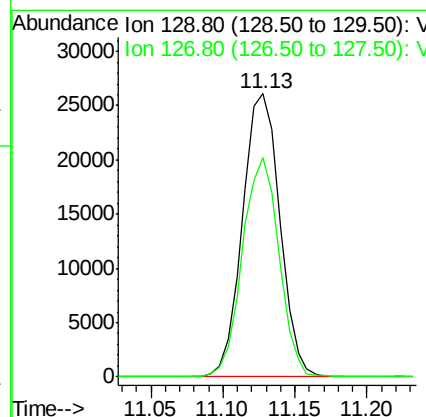
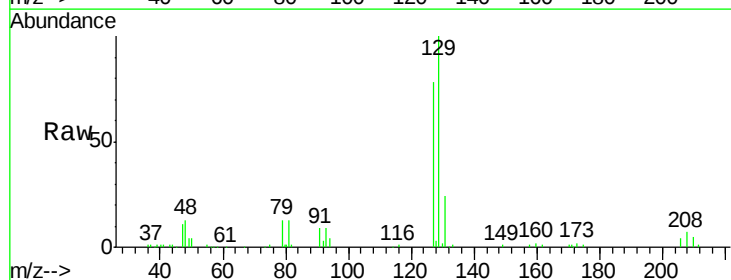
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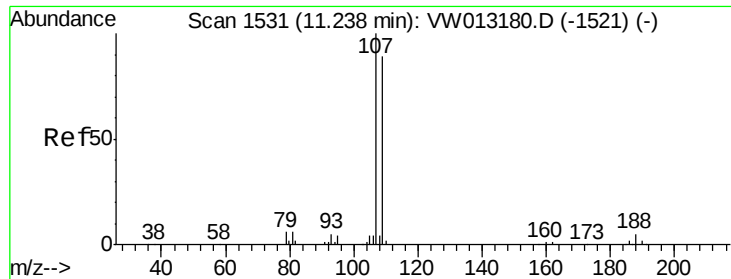
MMDadoda
9/24/2019 5:29:00 AM



#60
Dibromochloromethane
Concen: 20.535 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion: 129 Resp: 46922
Ion Ratio Lower Upper
129 100
127 75.6 38.8 116.4





#61

1,2-Dibromoethane

Concen: 21.661 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion: 107 Resp: 41444

Ion Ratio Lower Upper

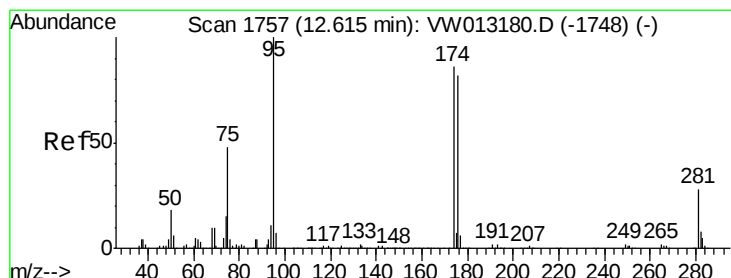
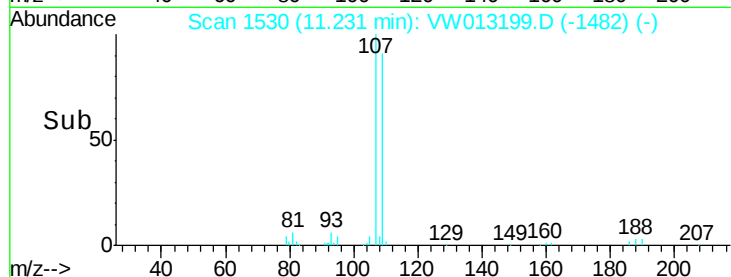
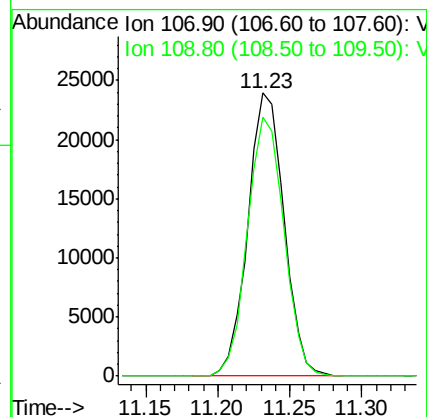
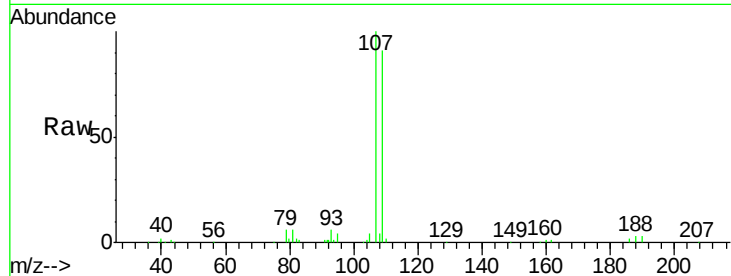
107 100

109 92.9 75.2 112.8

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9/24/2019 5:29:00 AM



#62

4-Bromofluorobenzene

Concen: 50.620 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

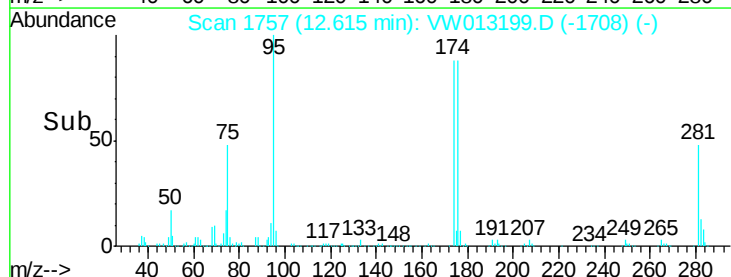
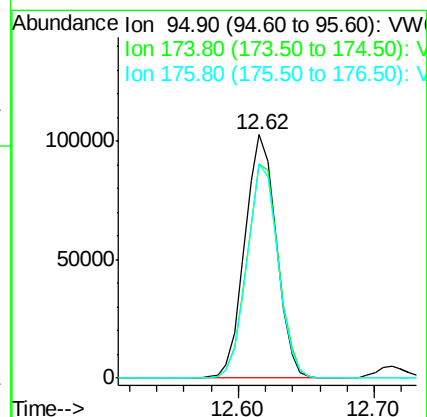
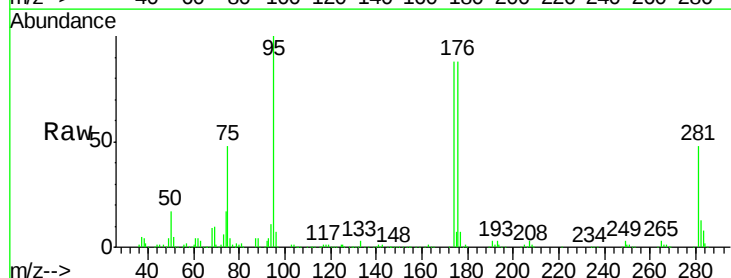
Tgt Ion: 95 Resp: 167334

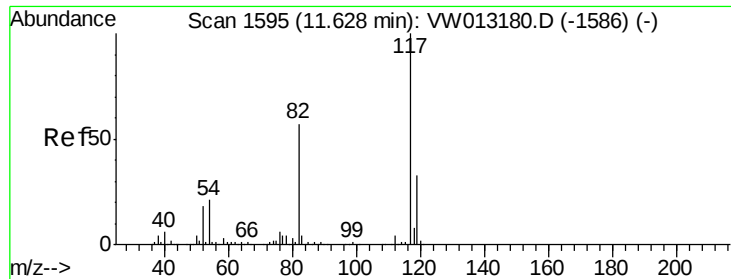
Ion Ratio Lower Upper

95 100

174 88.6 0.0 178.4

176 86.5 0.0 172.2





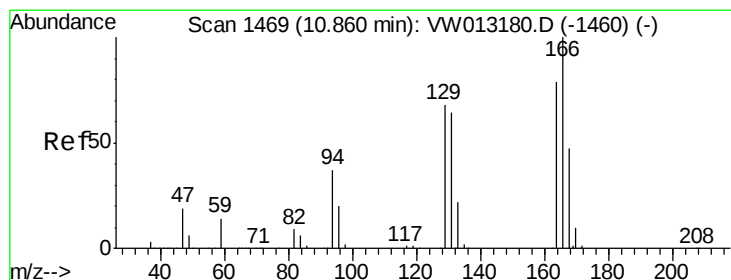
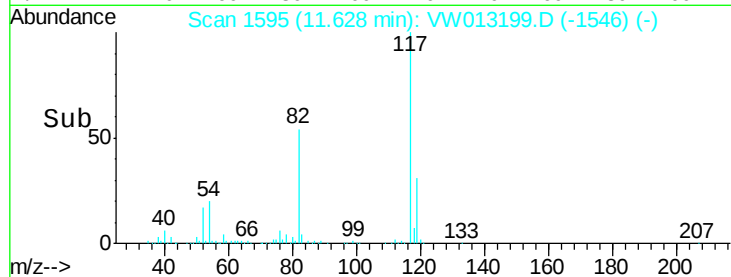
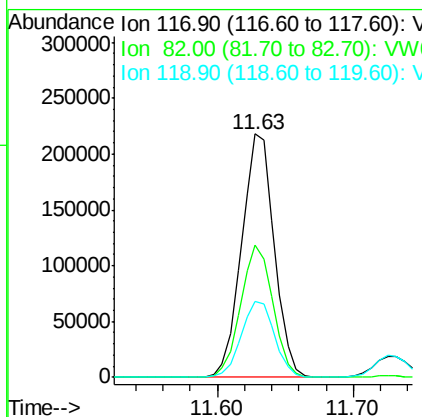
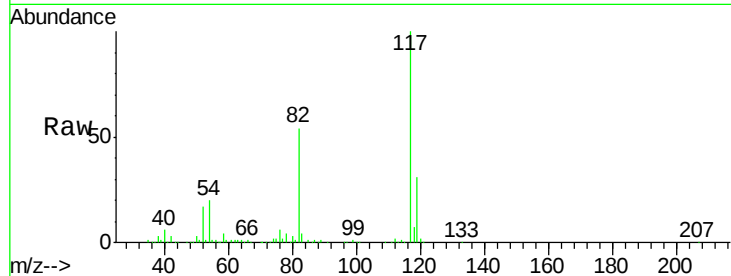
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	365231		
82	54.2	45.9	68.9	
119	31.3	26.2	39.2	

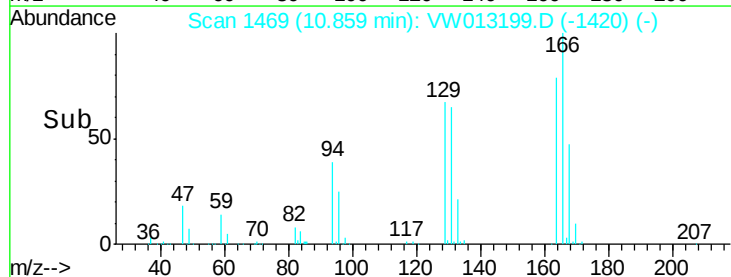
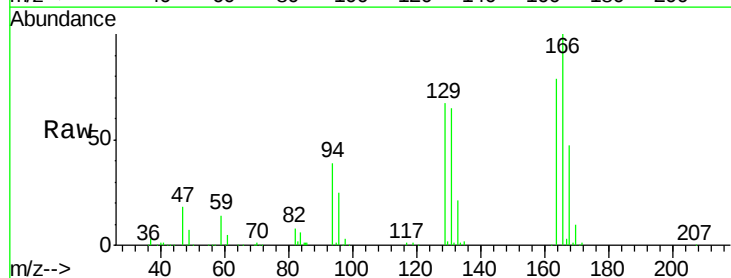
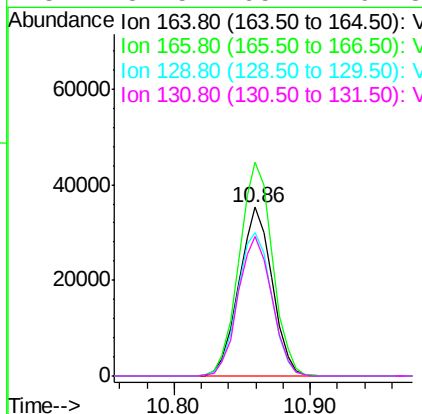
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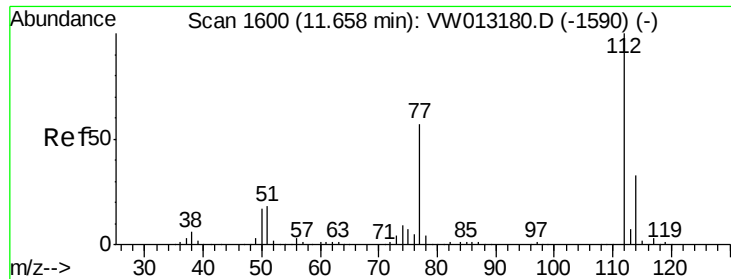
MMDadoda
9/24/2019 5:29:00 AM



#64
Tetrachloroethene
Concen: 21.694 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60117		
166	126.6	101.2	151.8	
129	85.0	68.8	103.2	
131	82.5	65.2	97.8	





#65

Chlorobenzene

Concen: 19.612 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion:112 Resp: 149574

Ion Ratio Lower Upper

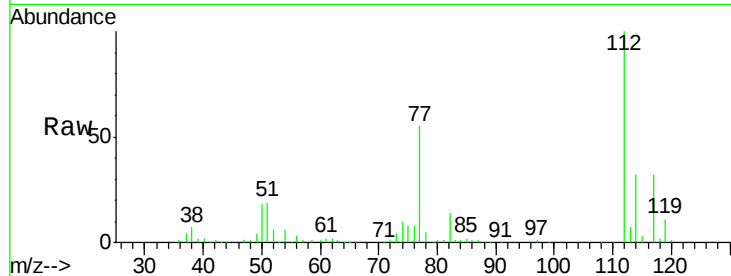
112 100

114 31.9 26.5 39.7

Manual Integrations
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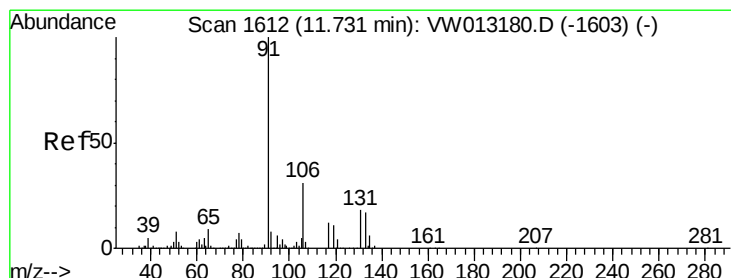
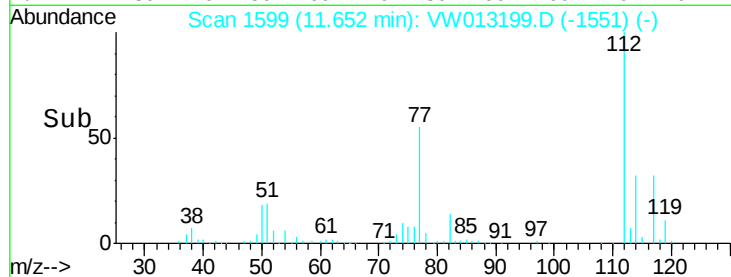
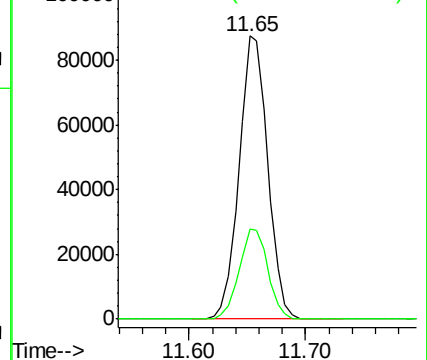
MMDadoda

9/24/2019 5:29:00 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.252 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

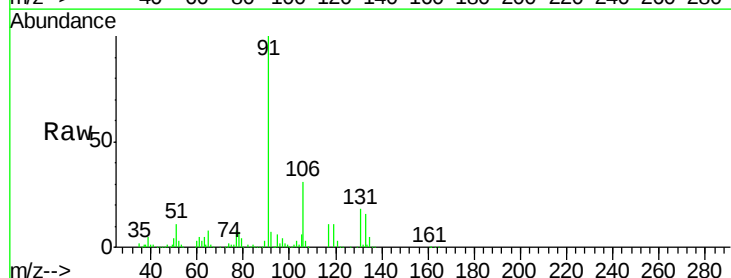
Tgt Ion:131 Resp: 50161

Ion Ratio Lower Upper

131 100

133 97.3 47.5 142.6

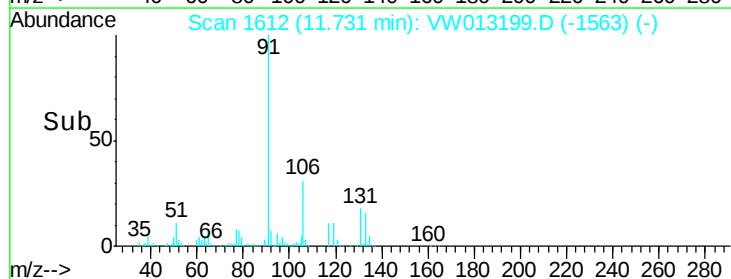
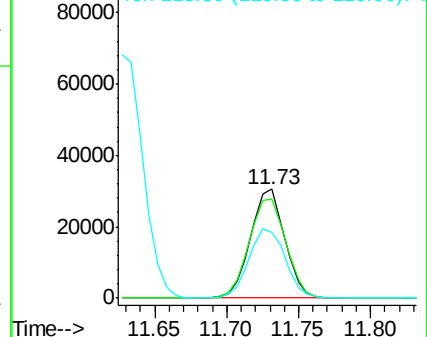
119 67.1 32.5 97.5

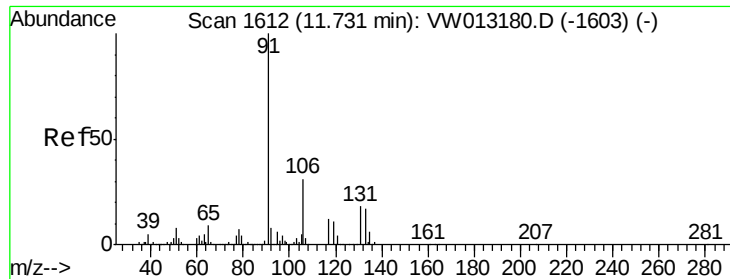


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





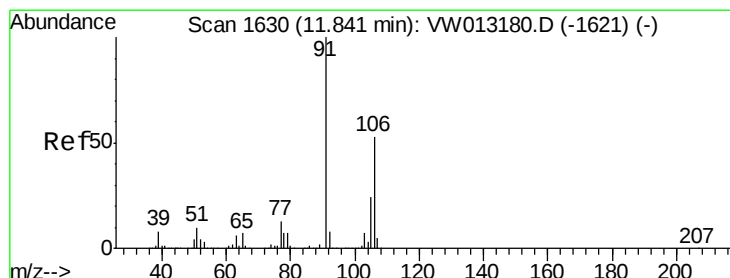
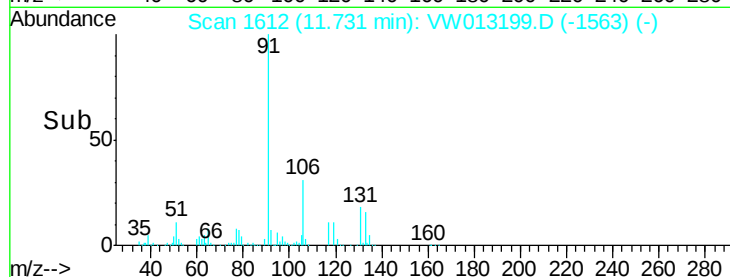
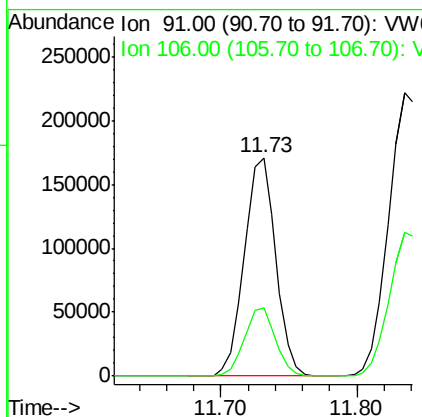
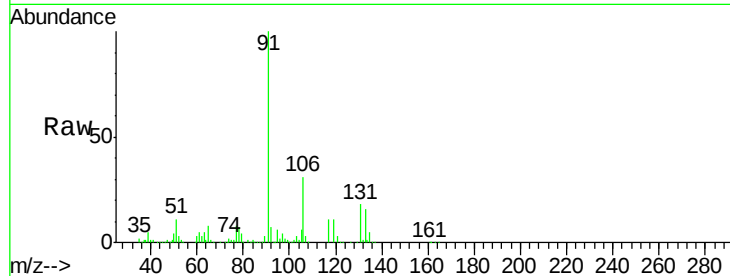
#67
Ethyl Benzene
Concen: 20.020 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.9	37.3

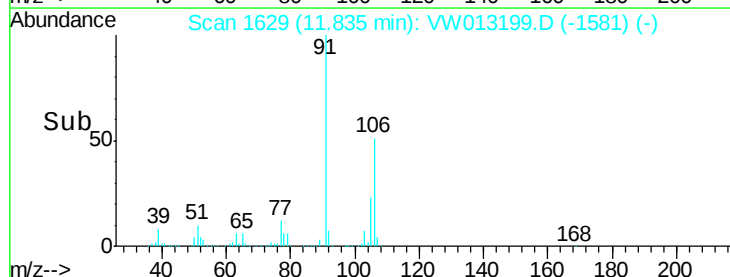
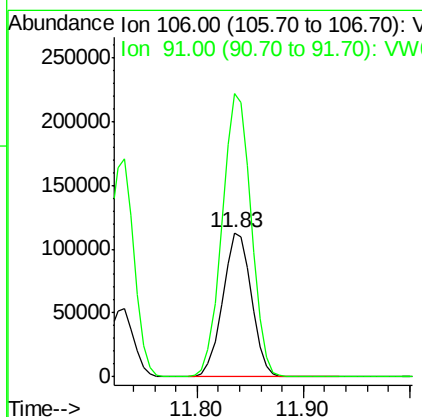
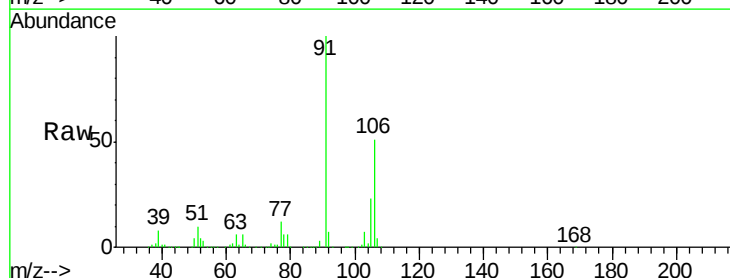
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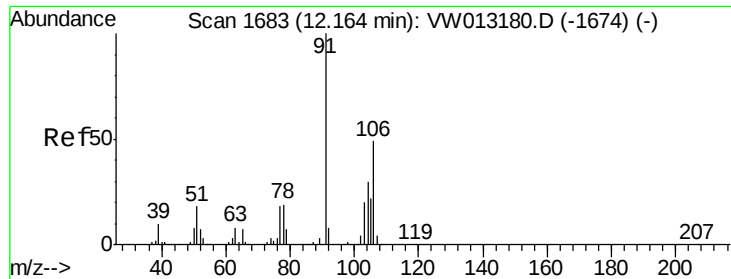
MMDadoda
9/24/2019 5:29:00 AM



#68
m/p-Xylenes
Concen: 40.165 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.7	157.9	236.9





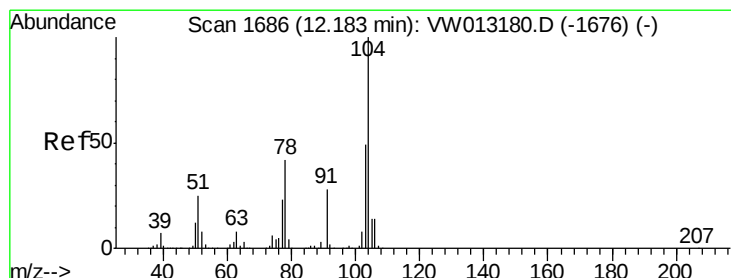
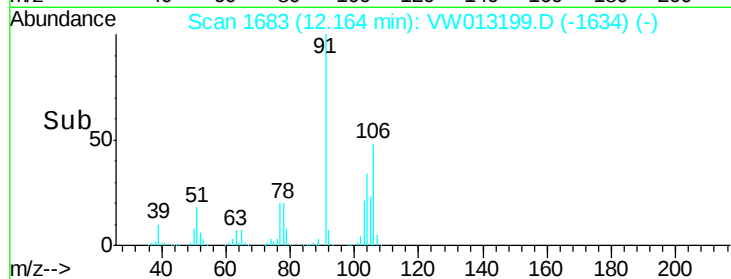
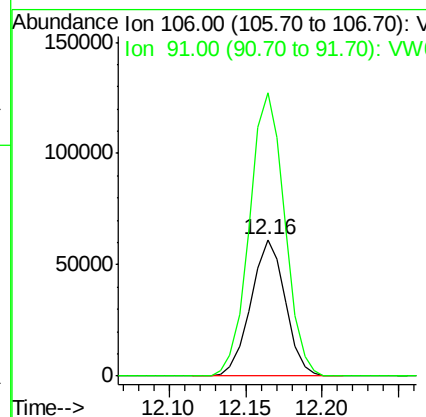
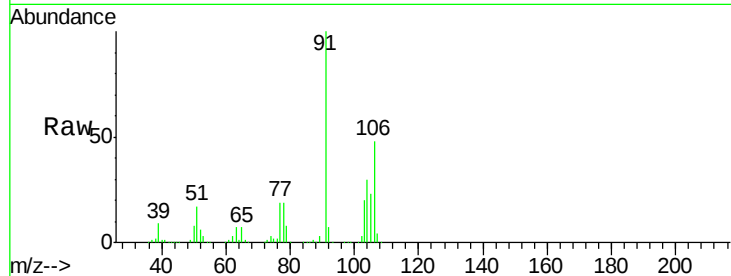
#69
o-Xylene
Concen: 19.571 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampled :
VW0920SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	95815		
91	91	212.9	106.5	319.5	

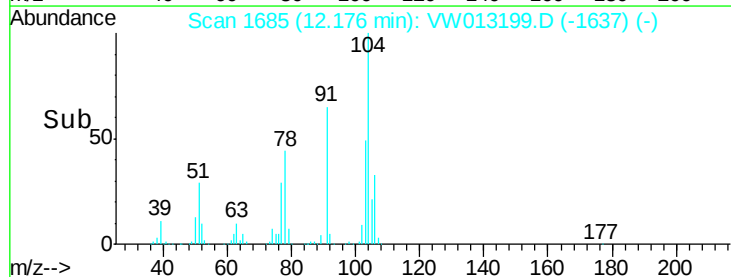
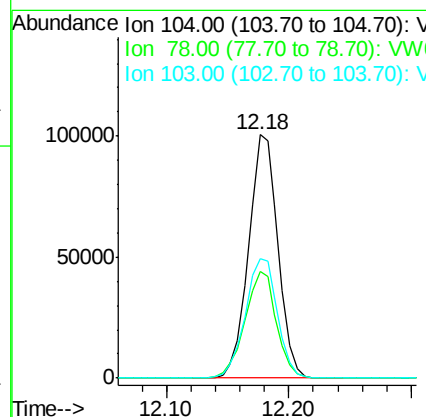
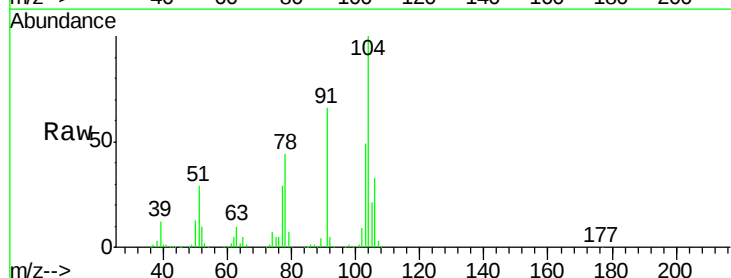
Manual Integrations
APPROVED

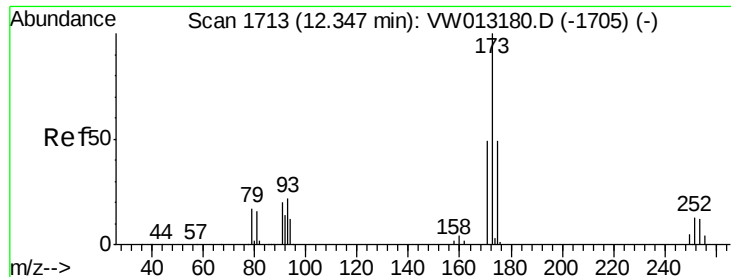
MMDadoda
9/24/2019 5:29:00 AM



#70
Styrene
Concen: 19.948 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	167667		
78	78	46.9	38.4	57.6	
103	103	53.8	43.3	64.9	





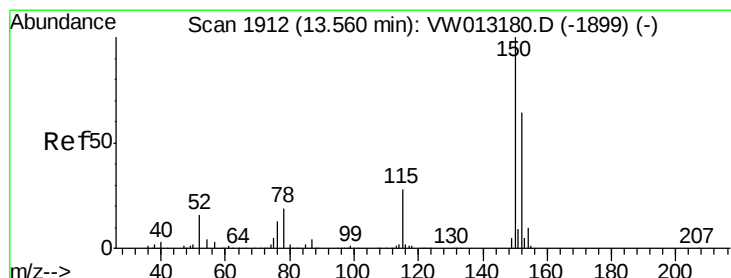
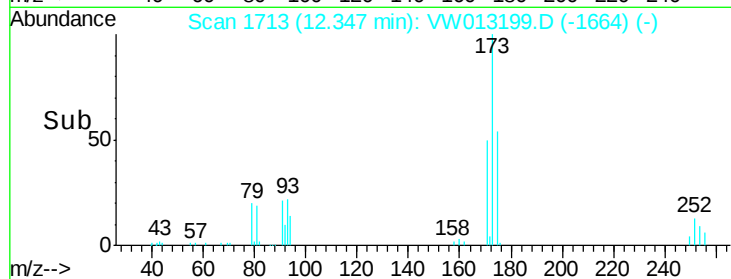
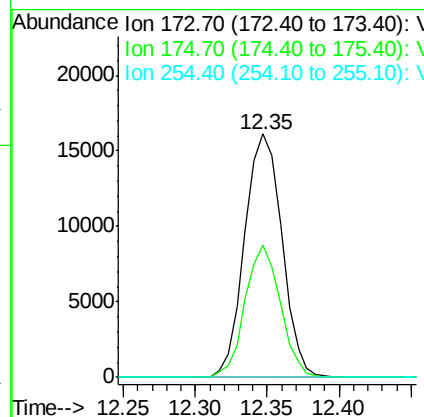
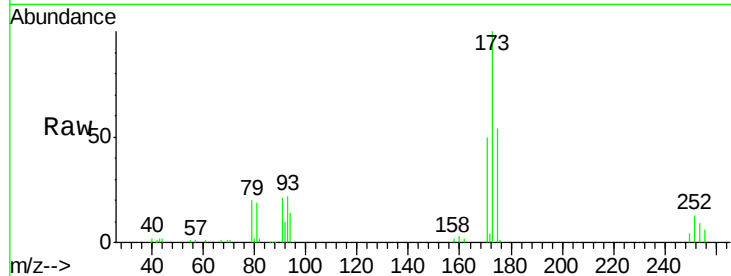
#71
Bromoform
Concen: 21.009 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.4	24.3	73.0
254	0.0	0.1	0.1#

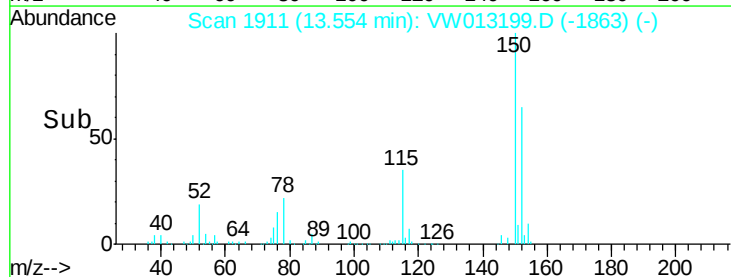
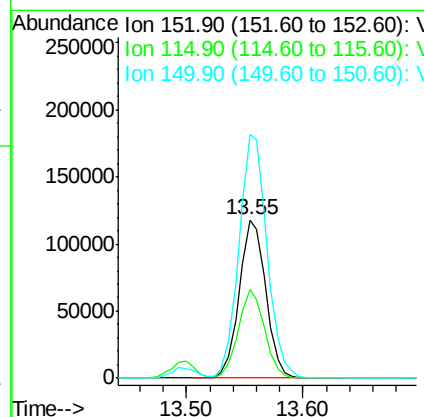
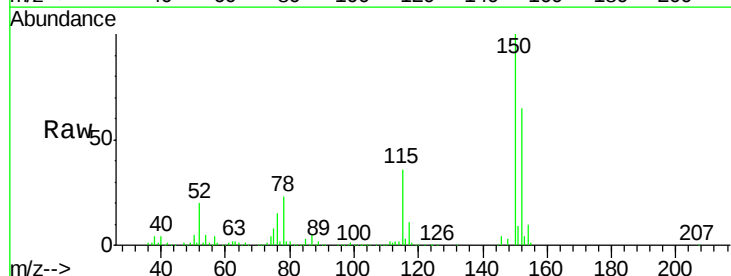
Manual Integrations
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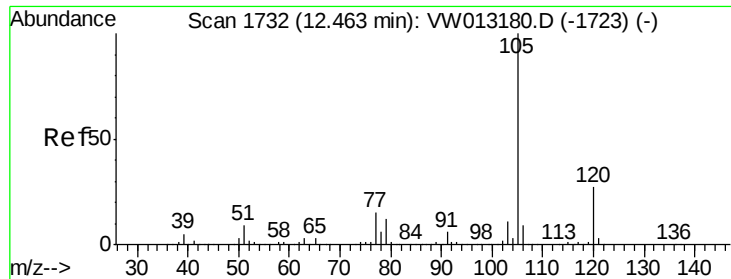
MMDadoda
9/24/2019 5:29:00 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.3	81.9
150	162.4	0.0	349.0





#73

Isopropylbenzene

Concen: 20.384 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion: 105 Resp: 281610

Ion Ratio Lower Upper

105 100

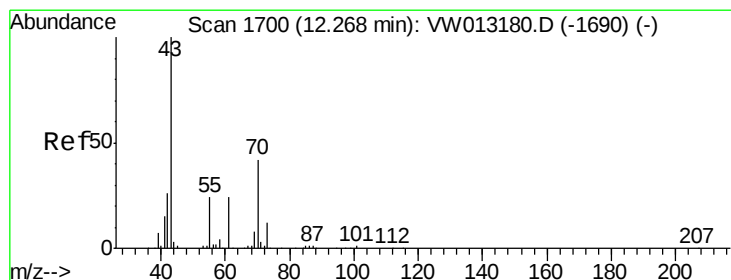
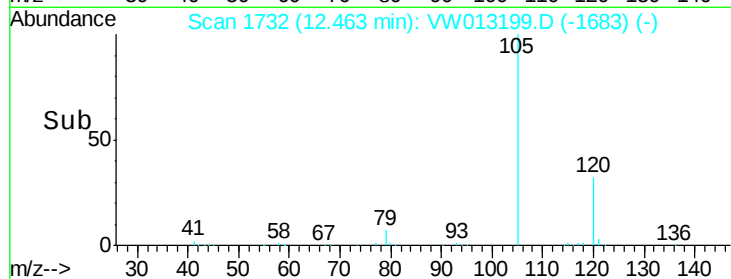
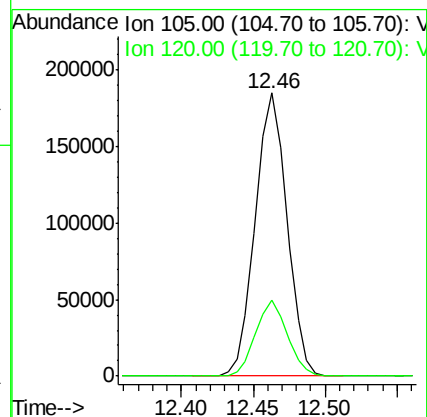
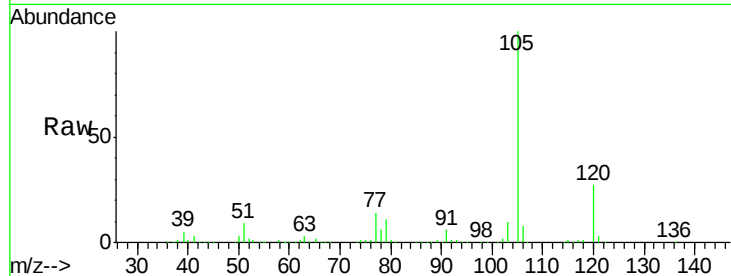
120 26.6 13.4 40.1

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#74

N-ethyl acetate

Concen: 21.999 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion: 43 Resp: 67438

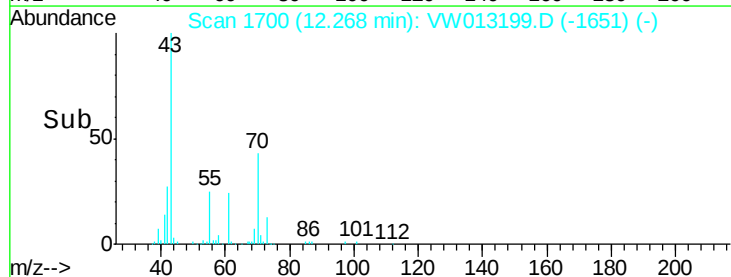
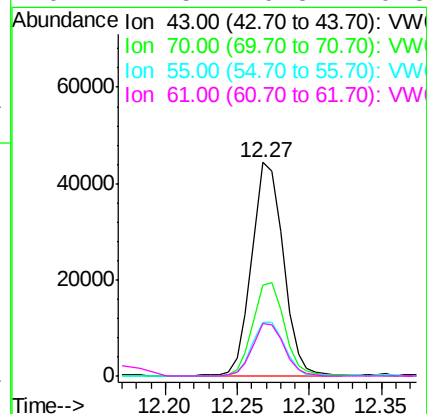
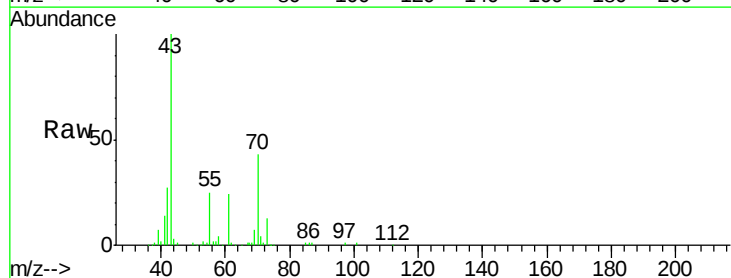
Ion Ratio Lower Upper

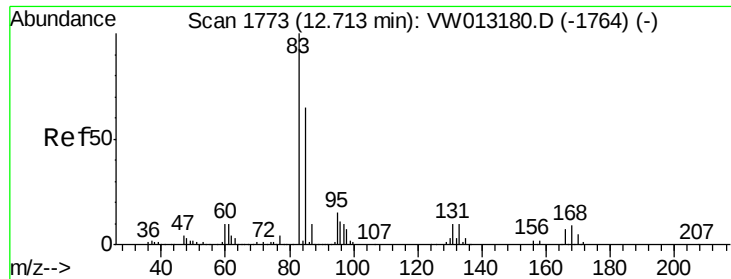
43 100

70 43.7 35.1 52.7

55 26.2 19.9 29.9

61 24.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.398 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

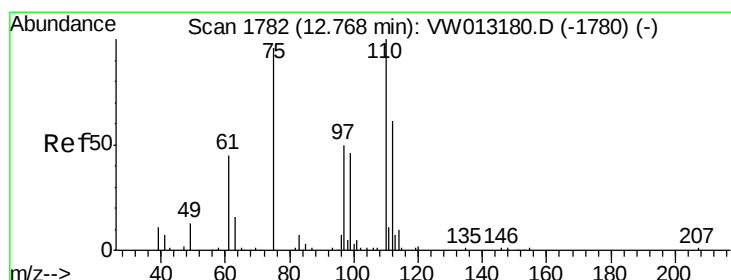
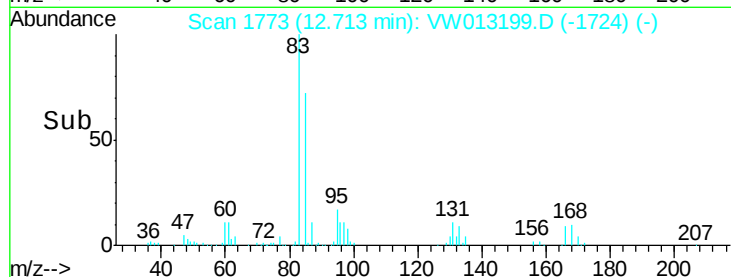
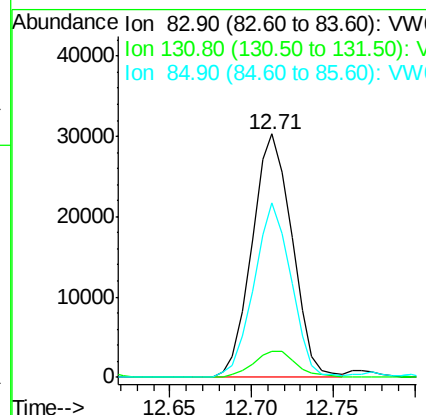
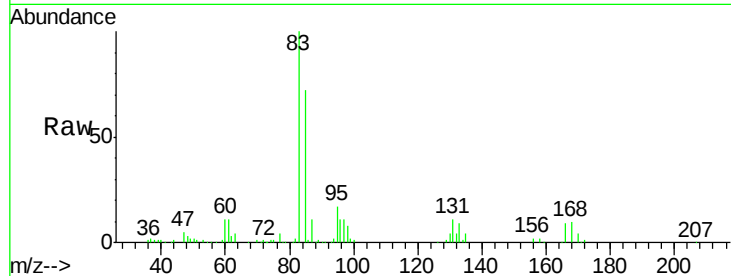
ClientSampleId :

VW0920SBS02

Tot Ion:	83	Resp:	51750
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.4	16.2
85	67.1	31.9	95.9

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9/24/2019 5:29:00 AM



#76

1,2,3-Trichloropropane

Concen: 24.495 ug/l m

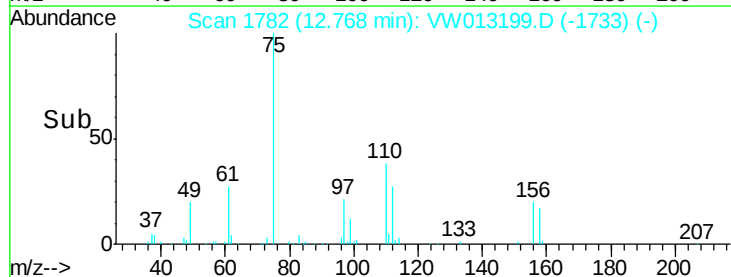
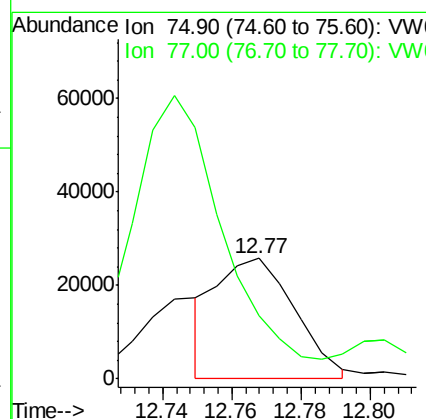
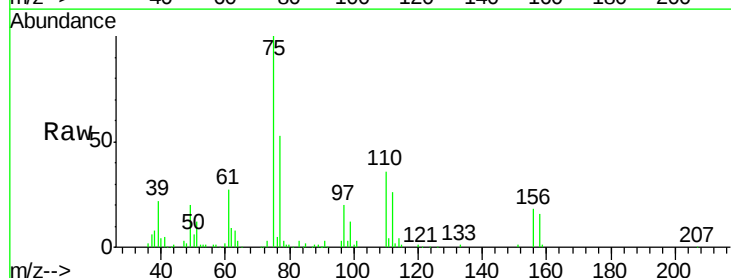
RT: 12.77 min Scan# 1782

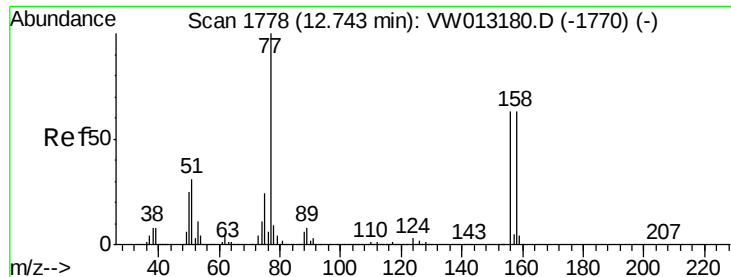
Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion:	75	Resp:	40455
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.395 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion:156 Resp: 63493

Ion Ratio Lower Upper

156 100

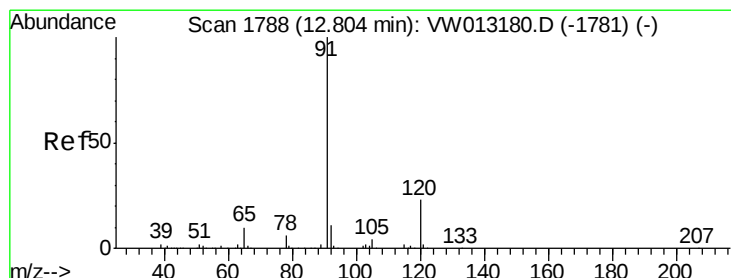
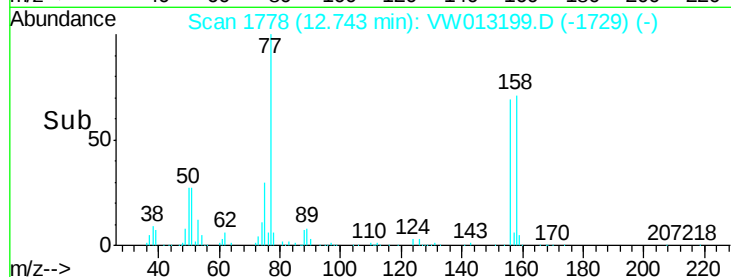
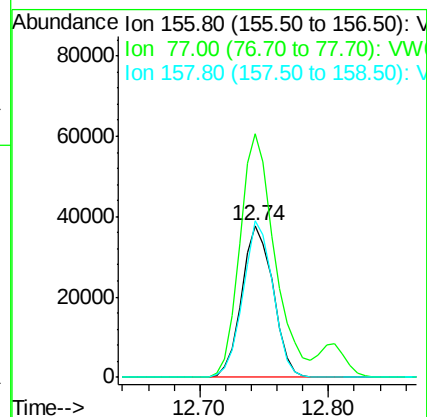
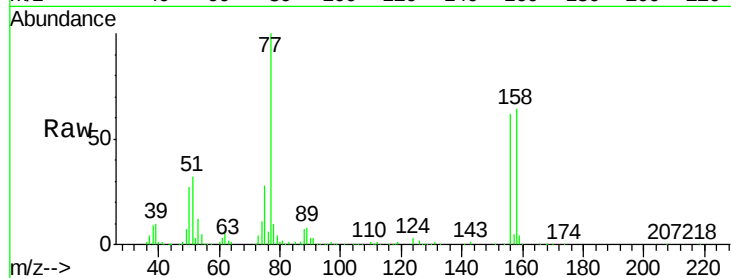
77 179.3 85.7 257.1

158 98.6 48.1 144.4

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#78

n-propylbenzene

Concen: 19.683 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013199.D

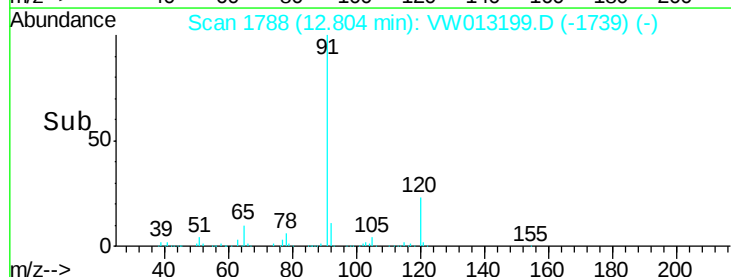
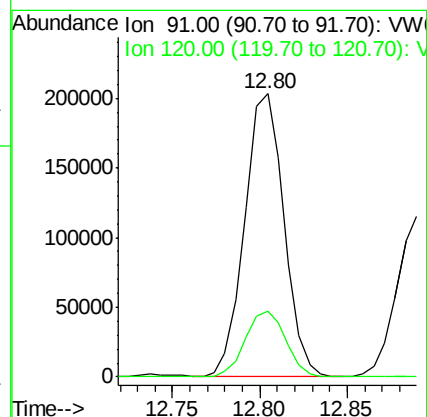
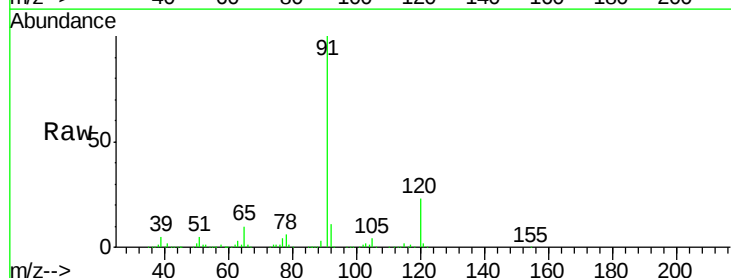
Acq: 20 Sep 2019 23:10

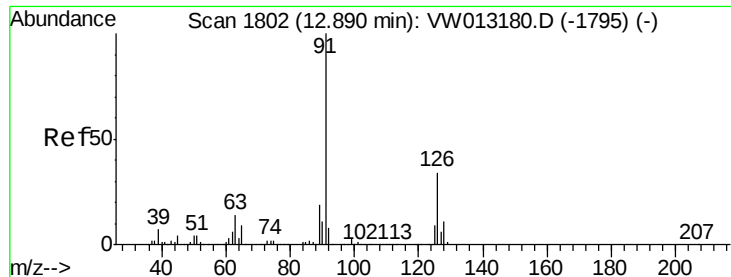
Tgt Ion: 91 Resp: 318297

Ion Ratio Lower Upper

91 100

120 23.8 11.7 35.1





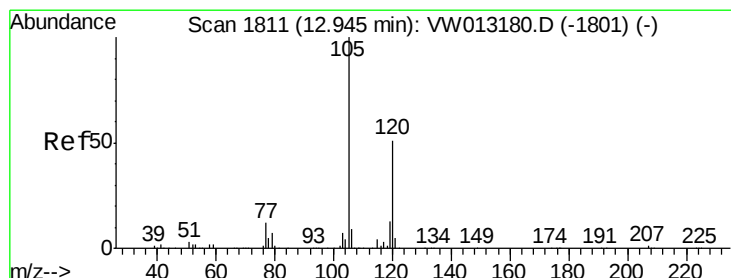
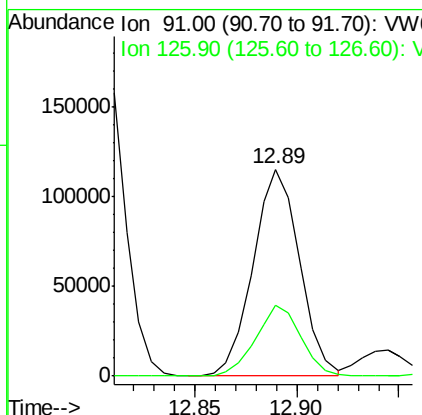
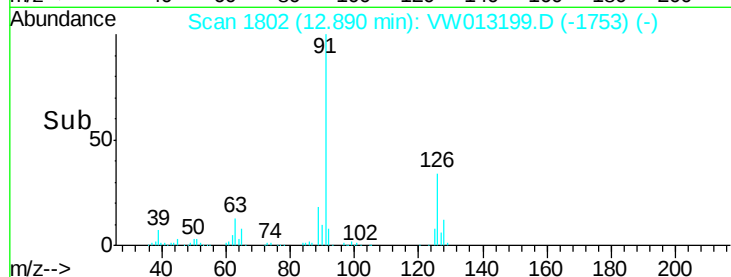
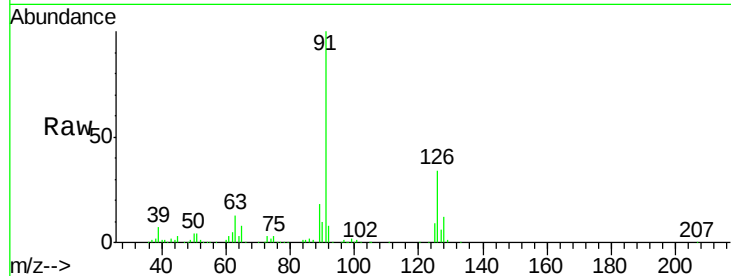
#79
2-Chlorotoluene
Concen: 20.134 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion: 91 Resp: 182400
Ion Ratio Lower Upper
91 100
126 33.2 17.2 51.5

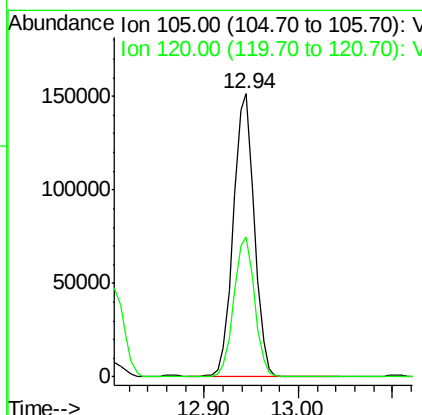
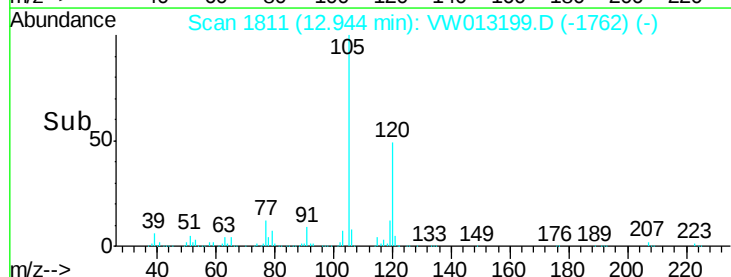
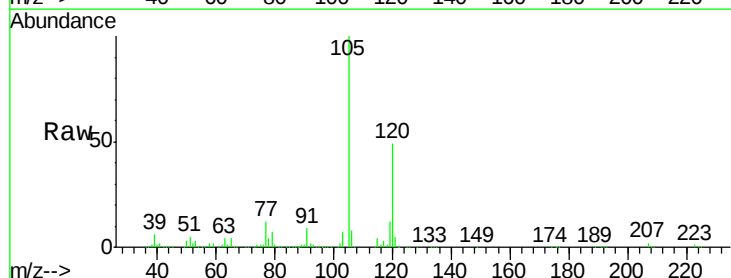
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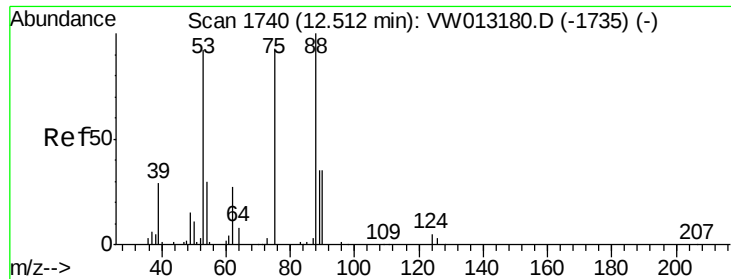
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.101 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion:105 Resp: 233425
Ion Ratio Lower Upper
105 100
120 49.0 24.9 74.8





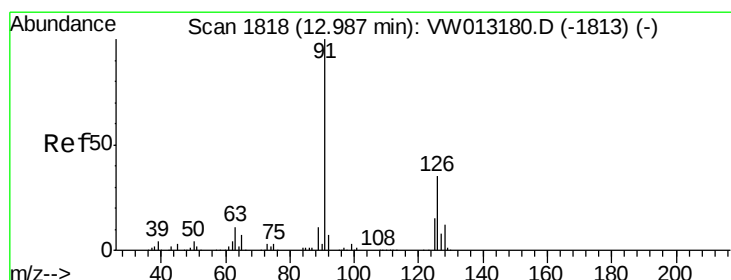
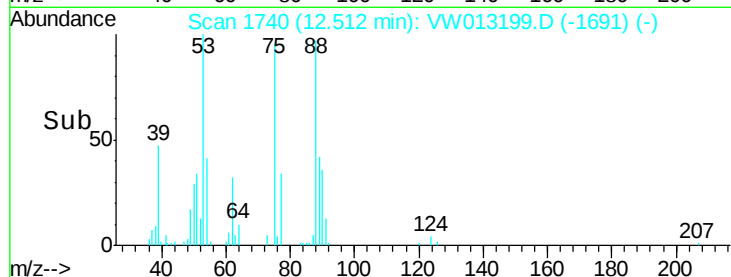
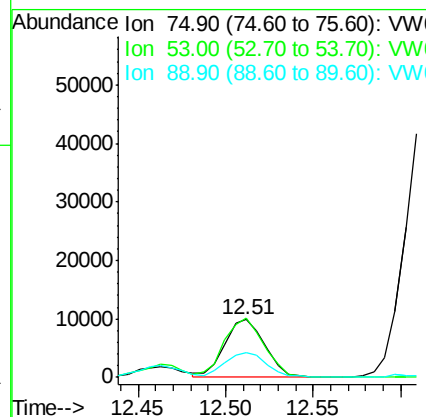
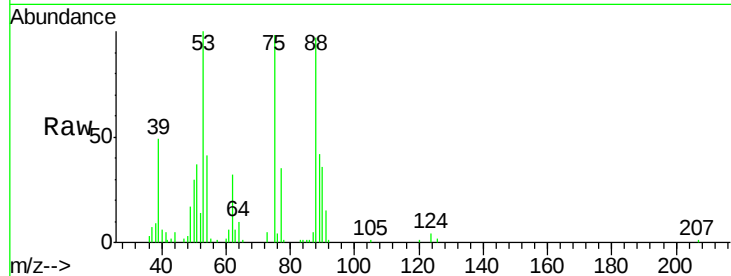
#81
trans-1,4-Dichloro-2-butene
Concen: 21.166 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	76.6	114.8
89	43.9	33.5	50.3

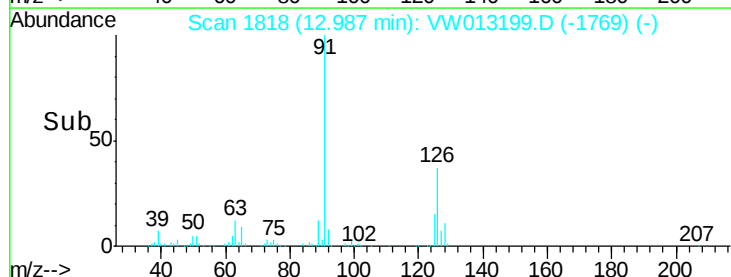
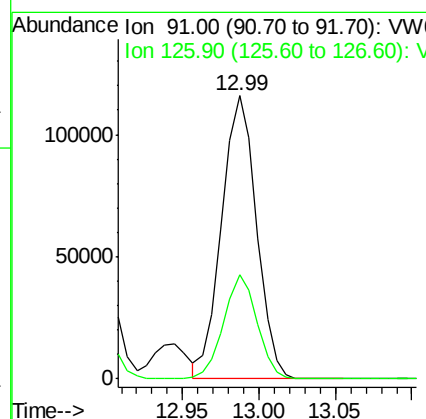
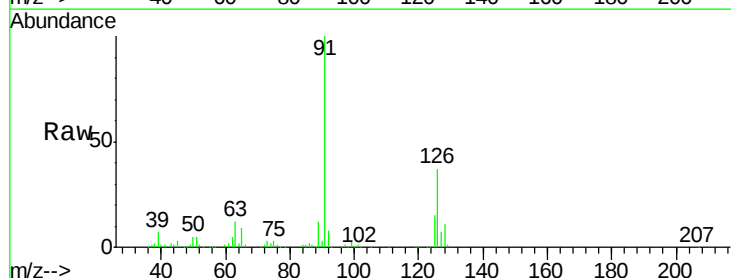
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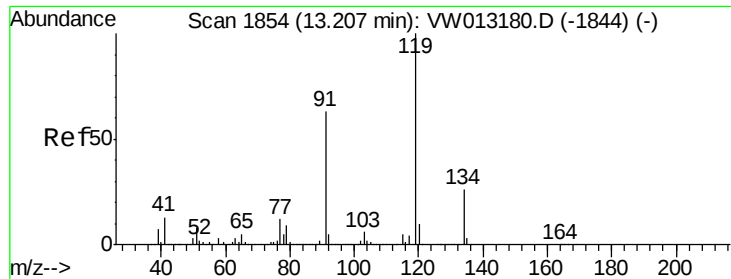
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#82
4-Chlorotoluene
Concen: 19.128 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.3	51.7





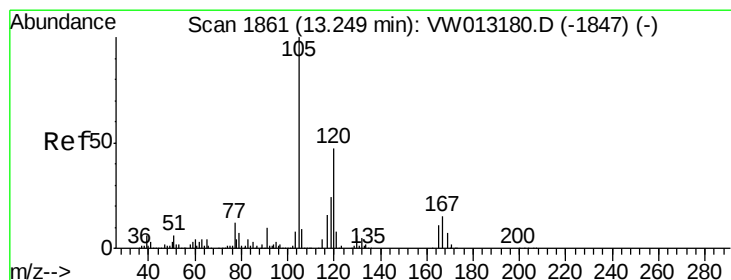
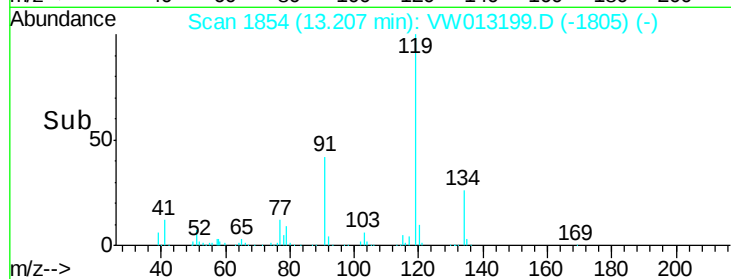
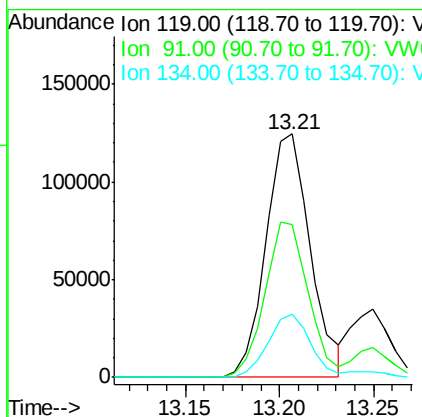
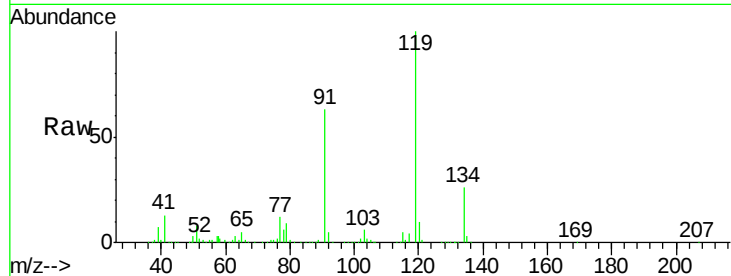
#83
 tert-Butylbenzene
 Concen: 20.070 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	204570		
91	61.9		30.7	92.1
134	25.1		12.6	37.6

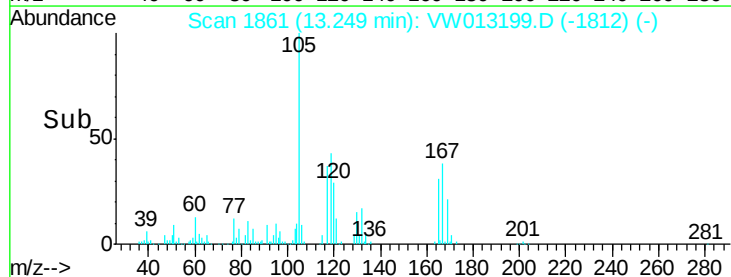
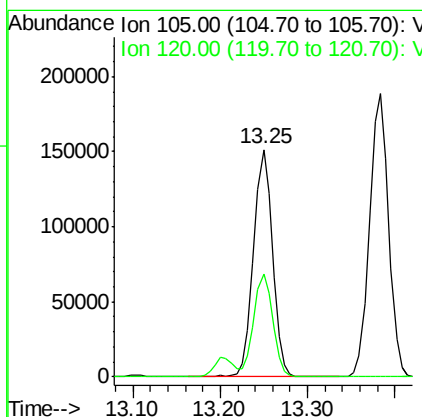
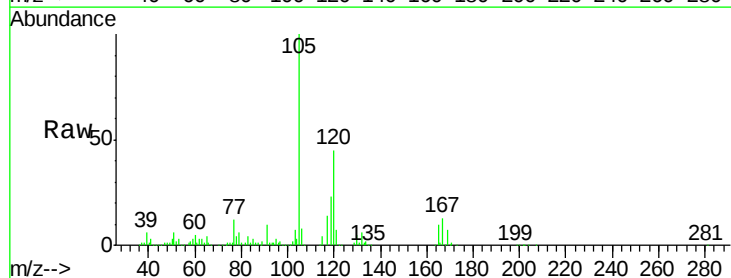
Manual Integrations
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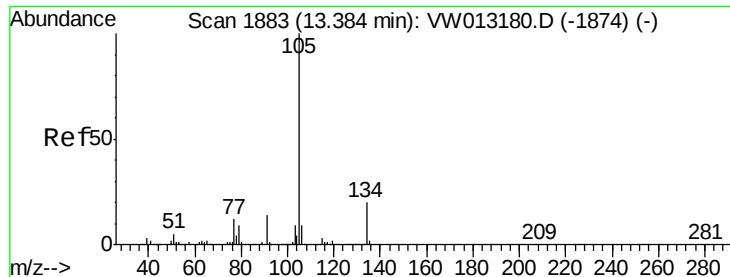
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.765 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228405		
120	44.8		23.4	70.3





#85

sec-Butylbenzene

Concen: 20.498 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

ClientSampleId :

VW0920SBS02

Tot Ion:105 Resp: 288055

Ion Ratio Lower Upper

105 100

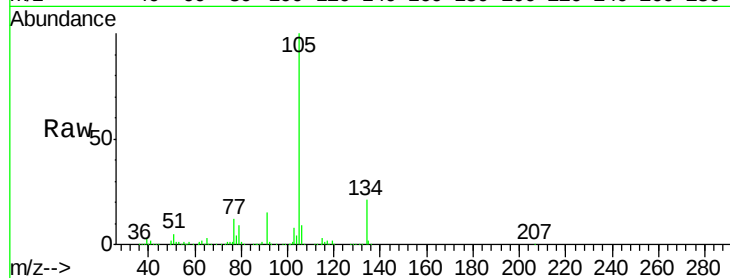
134 20.4 10.3 30.8

Manual Integrations

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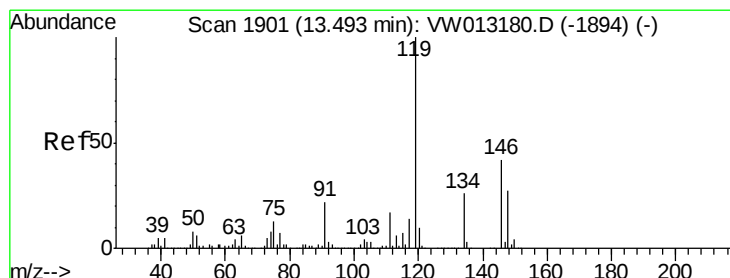
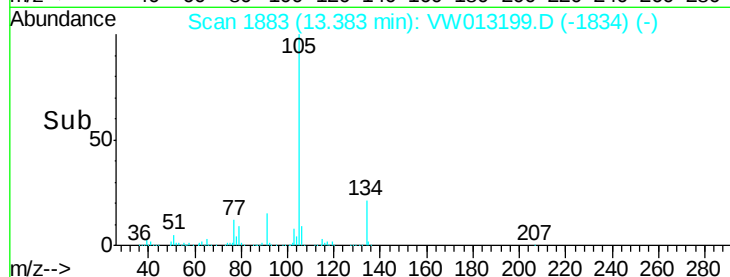
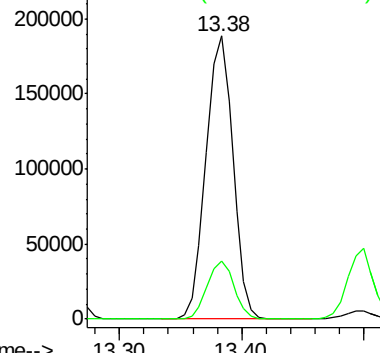
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.301 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

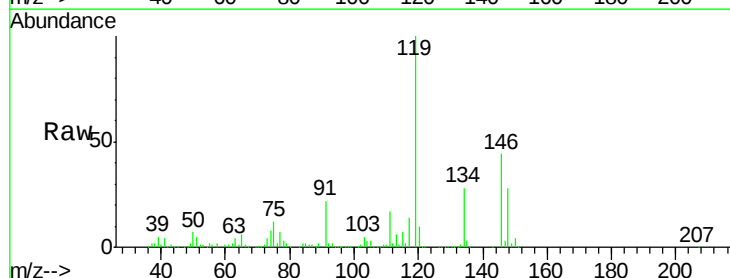
Tgt Ion:119 Resp: 264597

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

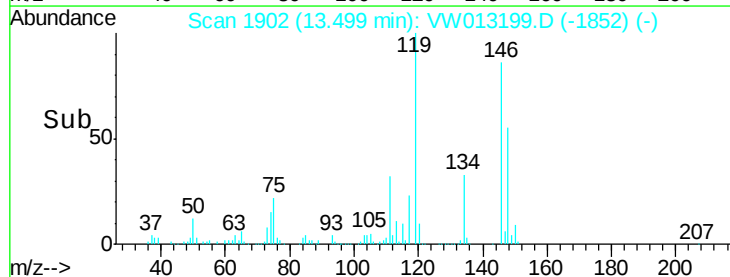
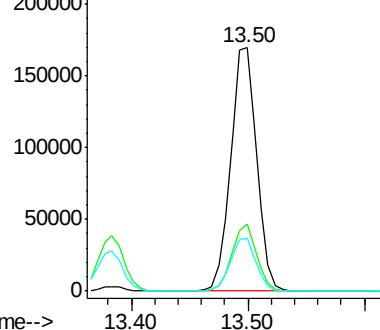
91 21.6 10.8 32.4

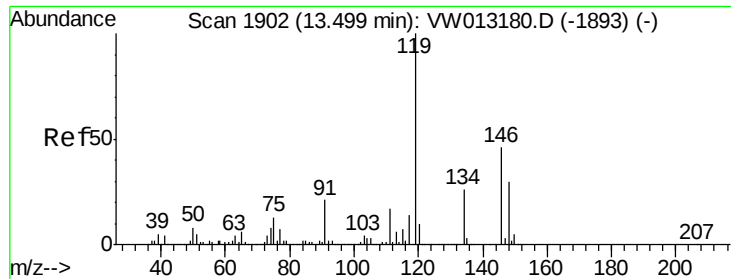


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.395 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

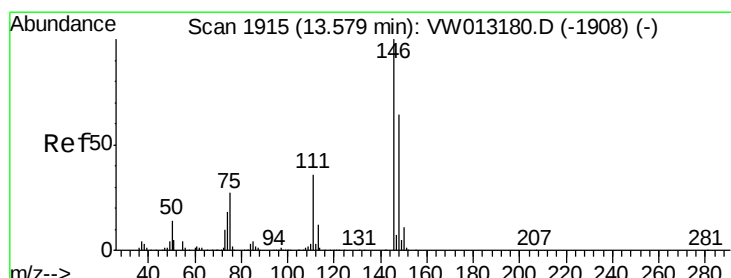
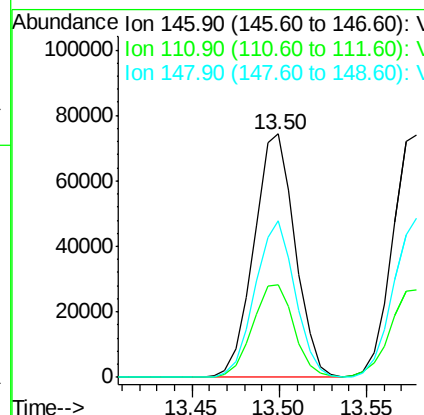
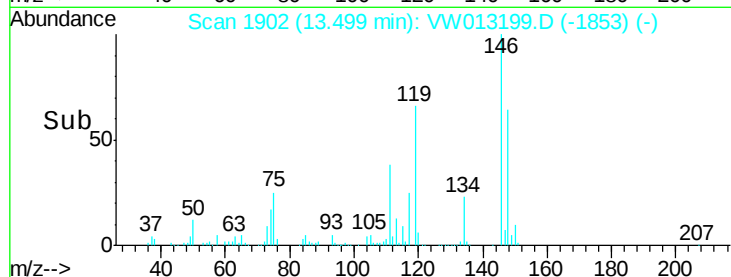
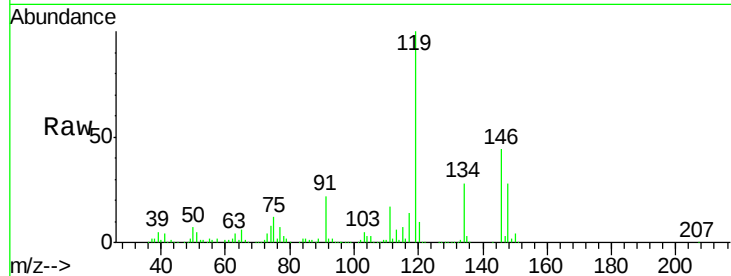
Instrument :
MSVOA_W

ClientSampleId :
VW0920SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	122202		
111	38.2	18.9	56.9	
148	62.6	31.9	95.5	

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#88

1,4-Dichlorobenzene

Concen: 19.889 ug/l

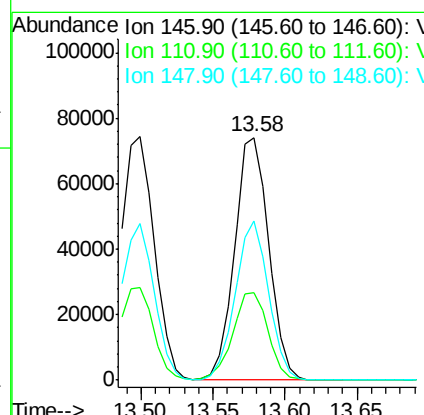
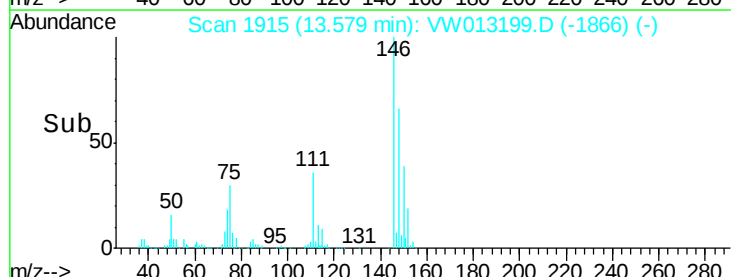
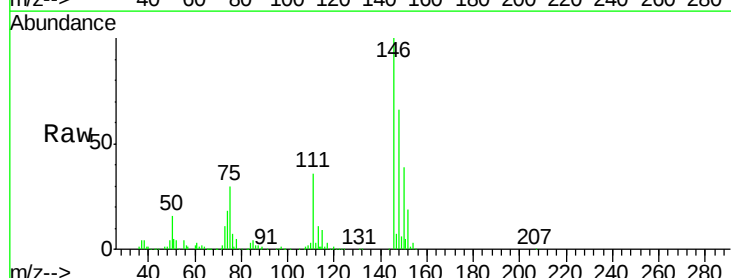
RT: 13.58 min Scan# 1915

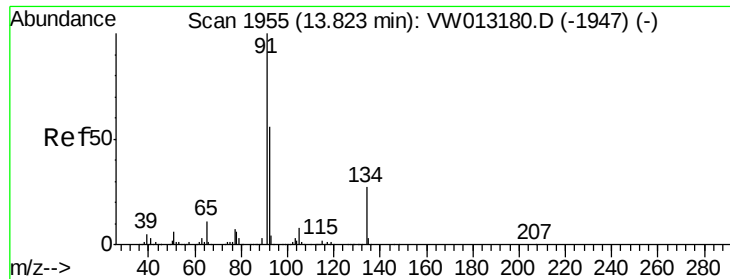
Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122898		
111	37.3	18.4	55.0	
148	63.8	32.1	96.3	





#89

n-Butylbenzene

Concen: 19.725 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Instrument :

MSVOA_W

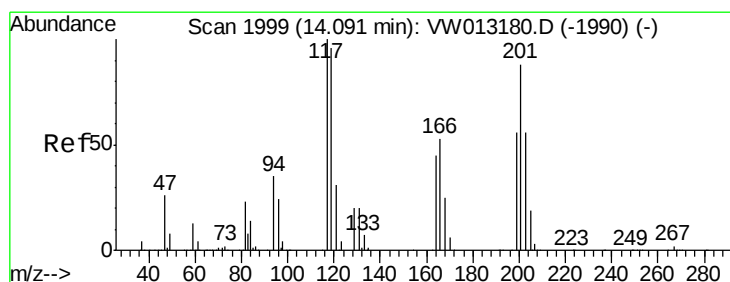
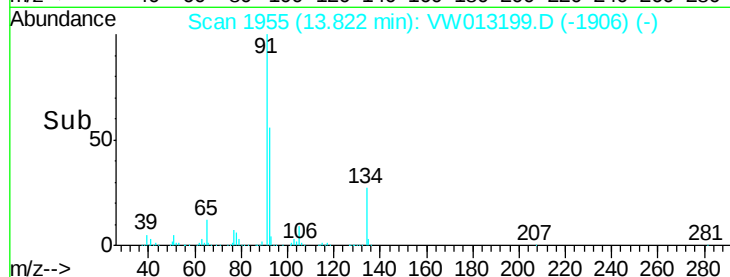
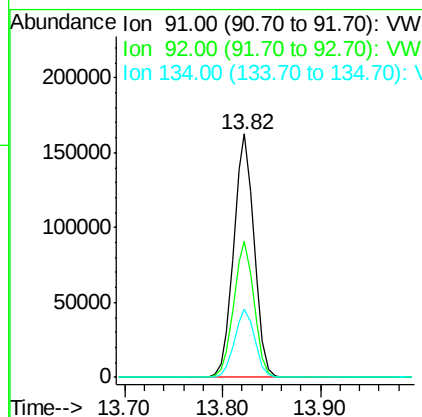
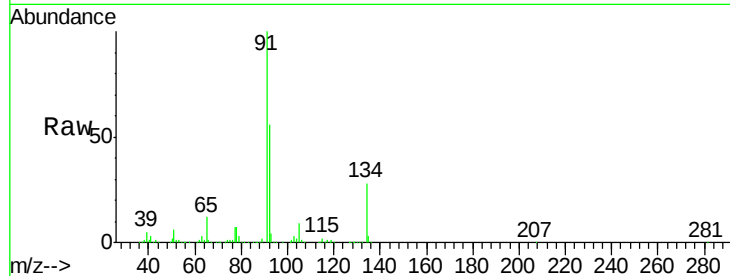
ClientSampleId :

VW0920SBS02

Tot Ion:	91	Resp:	234748
Ion Ratio	Lower	Upper	
91	100		
92	55.9	27.6	82.8
134	27.8	13.7	41.1

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#90

Hexachloroethane

Concen: 19.802 ug/l

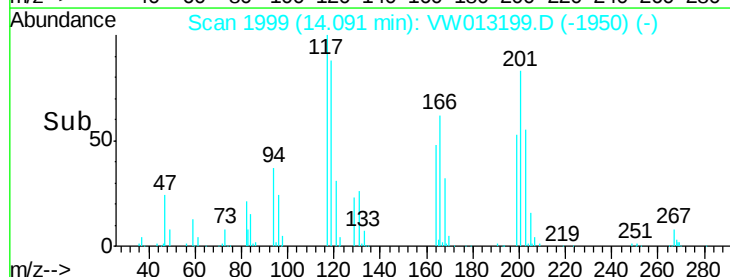
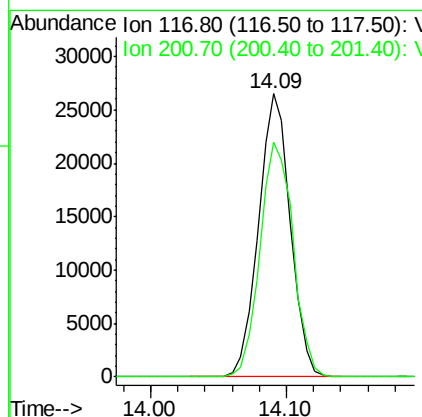
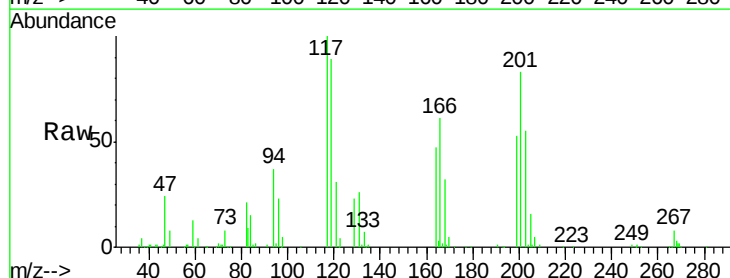
RT: 14.09 min Scan# 1999

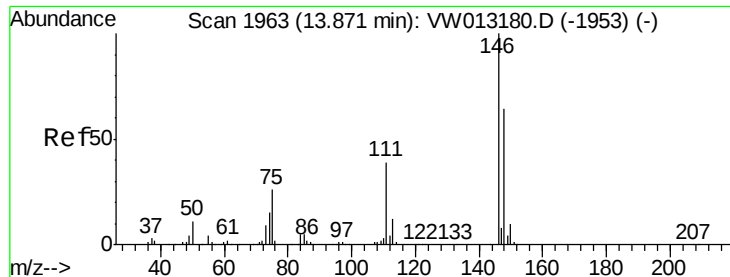
Delta R.T. -0.00 min

Lab File: VW013199.D

Acq: 20 Sep 2019 23:10

Tgt Ion:	117	Resp:	43359
Ion Ratio	Lower	Upper	
117	100		
201	86.6	44.5	133.5





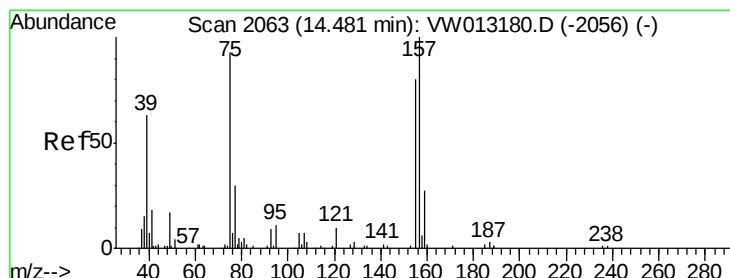
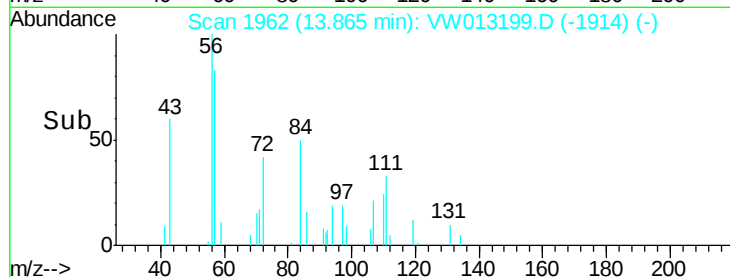
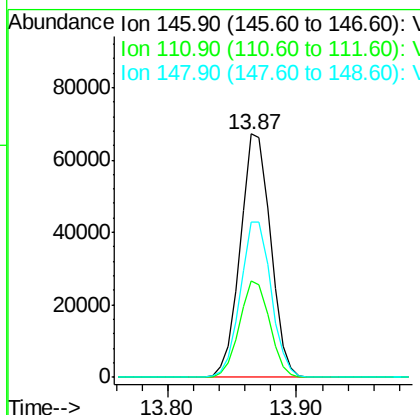
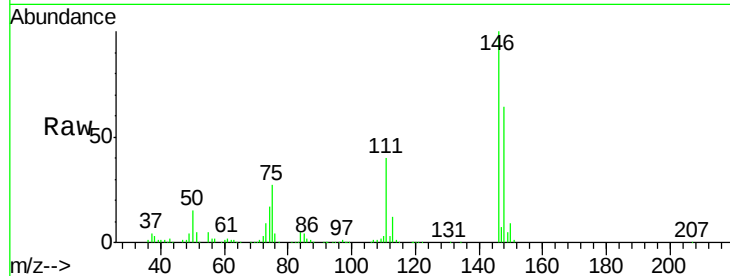
#91
 1,2-Dichlorobenzene
 Concen: 20.044 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	109256		
111	39.6	20.1	60.3	
148	64.9	32.0	96.0	

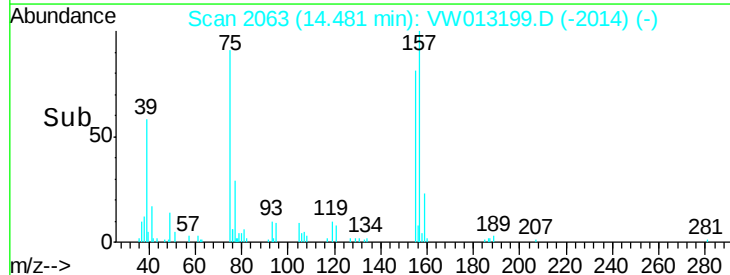
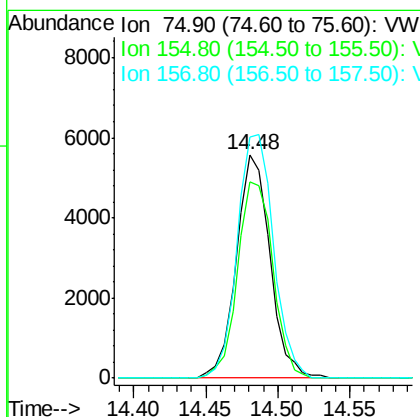
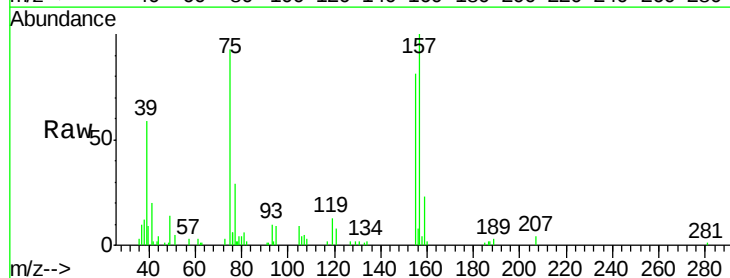
Manual Integrations
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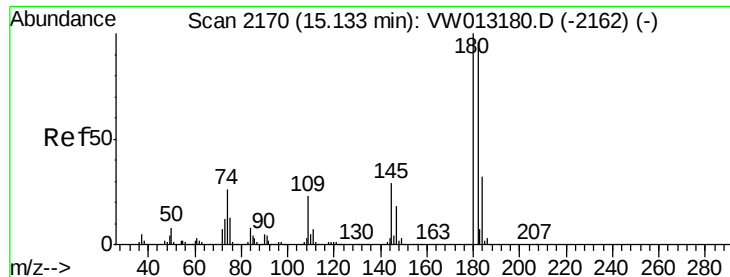
MMDadoda
 9/24/2019 5:29:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.671 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9072		
155	91.9	46.1	138.3	
157	116.7	60.4	181.2	





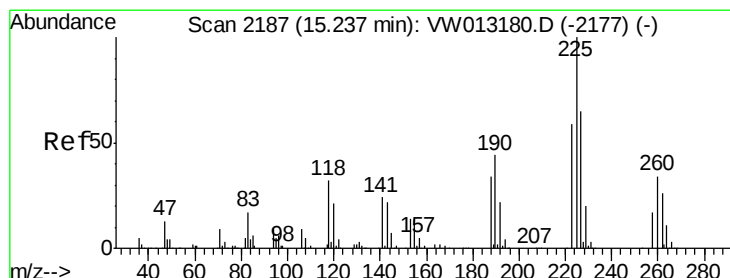
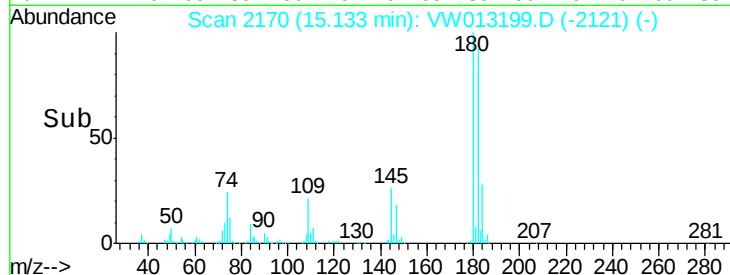
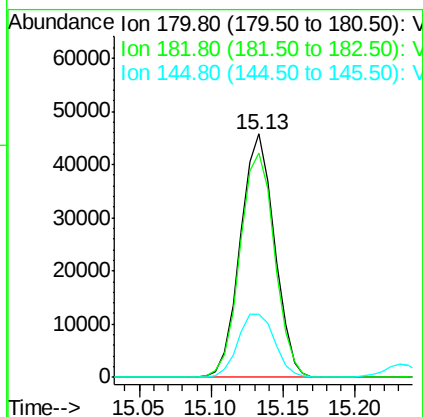
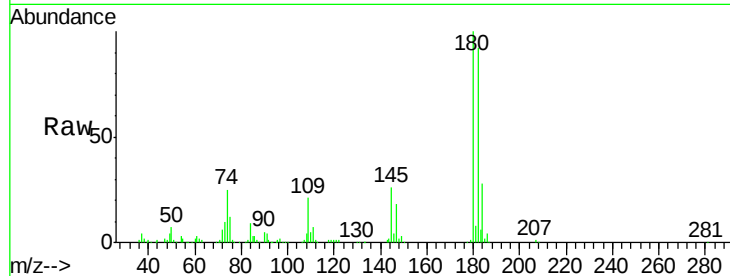
#93
 1,2,4-Trichlorobenzene
 Concen: 19.245 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	75170		
182	93.8	47.3	142.0	
145	28.1	14.2	42.8	

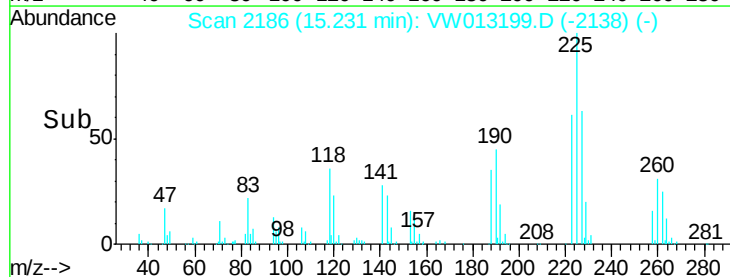
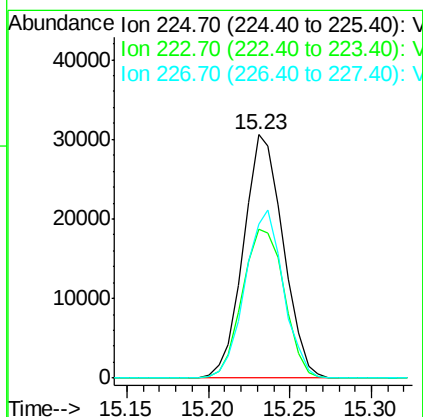
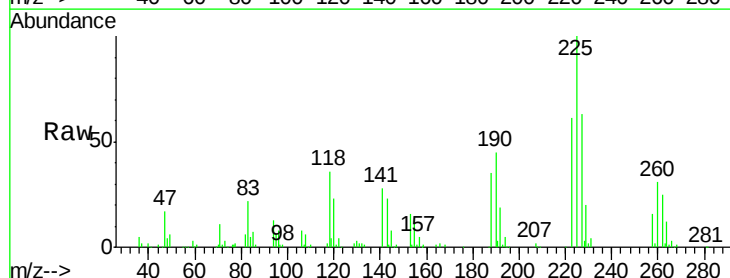
Manual Integrations
 APPROVED

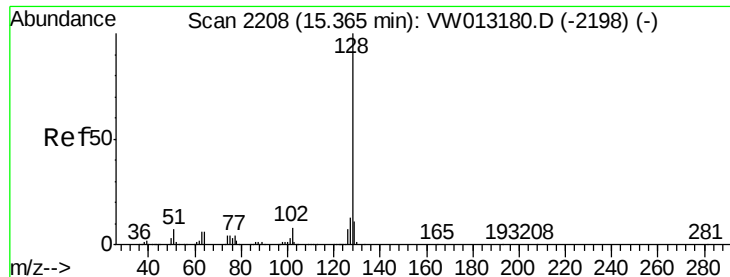
MMDadoda
 9/24/2019 5:29:00 AM



#94
 Hexachlorobutadiene
 Concen: 19.366 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013199.D
 Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51749		
223	64.4	30.6	91.8	
227	67.0	31.9	95.9	





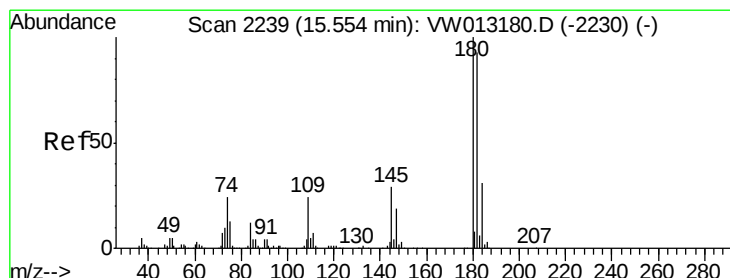
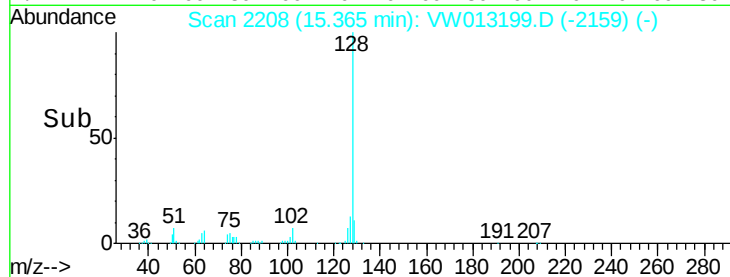
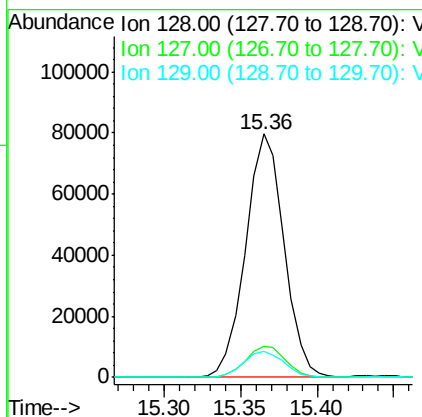
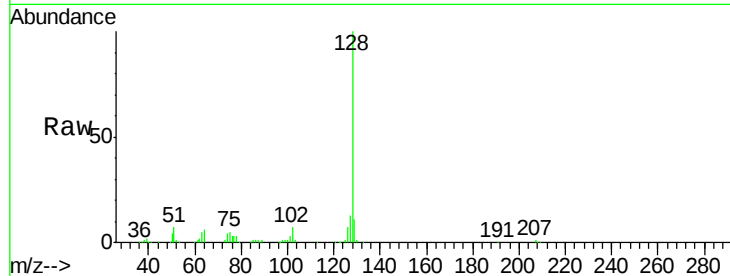
#95
Naphthalene
Concen: 21.778 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	139120		
127	13.5	10.6	15.8	
129	11.2	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:29:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.451 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013199.D
Acq: 20 Sep 2019 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	65645		
182	98.4	47.9	143.7	
145	30.1	15.0	45.0	

