

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012637.D
 Acq On : 05 Sep 2019 13:32
 Operator : SY/VA
 Sample : VW0905SBS03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS03

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 12:29:26 PM

Quant Time: Sep 05 16:56:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	167507	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	136006	43.90	ug/l	0.00
Spiked Amount			Recovery	=	87.80%	
35) Dibromofluoromethane	7.88	113	111052	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	10.32	98	437981	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
62) 4-Bromofluorobenzene	12.62	95	157681	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	38909	24.246	ug/l	99
3) Chloromethane	2.21	50	47764	19.212	ug/l	100
4) Vinyl Chloride	2.35	62	57037	18.744	ug/l	97
5) Bromomethane	2.77	94	28275	18.347	ug/l	95
6) Chloroethane	2.90	64	30067	17.515	ug/l	98
7) Trichlorofluoromethane	3.24	101	33880	22.173	ug/l	95
8) Diethyl Ether	3.68	74	26796	18.476	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	58130	22.381	ug/l	97
10) Methyl Iodide	4.26	142	71664	20.393	ug/l	99
11) Tert butyl alcohol	5.21	59	19898	106.724	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	53595	20.502	ug/l	99
13) Acrolein	3.90	56	9611	54.762	ug/l	88
14) Allyl chloride	4.66	41	114634	20.512	ug/l	99
15) Acrylonitrile	5.37	53	76505	106.423	ug/l	99
16) Acetone	4.14	43	77727	98.147	ug/l	97
17) Carbon Disulfide	4.38	76	120659	15.272	ug/l	98
18) Methyl Acetate	4.67	43	41555	21.185	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	97418	23.044	ug/l	100
20) Methylene Chloride	4.92	84	62647	20.925	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	57803	20.620	ug/l	92
22) Diisopropyl ether	6.31	45	226975	21.911	ug/l	97
23) Vinyl Acetate	6.25	43	676885	106.176	ug/l	100
24) 1,1-Dichloroethane	6.21	63	121570	21.554	ug/l	99
25) 2-Butanone	7.17	43	106145	98.633	ug/l	98
26) 2,2-Dichloropropane	7.16	77	75032	23.503	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	66151	22.087	ug/l	99
28) Bromochloromethane	7.51	49	47264	19.226	ug/l	95
29) Tetrahydrofuran	7.53	42	68615	106.272	ug/l	99
30) Chloroform	7.67	83	117678	22.804	ug/l	97
31) Cyclohexane	7.95	56	111055	19.901	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	95137	23.305	ug/l	99
36) 1,1-Dichloropropene	8.08	75	91919	22.626	ug/l	100
37) Ethyl Acetate	7.25	43	49548	22.256	ug/l	98
38) Carbon Tetrachloride	8.07	117	85579	24.338	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101626	22.267	ug/l	98
40) Benzene	8.32	78	250274	22.561	ug/l	98
41) Methacrylonitrile	7.48	41	31768	24.279	ug/l	97
42) 1,2-Dichloroethane	8.40	62	80679	23.205	ug/l	99
43) Isopropyl Acetate	8.42	43	92629	22.462	ug/l	99
44) Trichloroethene	9.09	130	63357	23.494	ug/l	93
45) 1,2-Dichloropropane	9.37	63	66269	22.197	ug/l	95
46) Dibromomethane	9.46	93	30834	23.212	ug/l	99
47) Bromodichloromethane	9.64	83	82477	23.329	ug/l	99
48) Methyl methacrylate	9.43	41	43037	21.928	ug/l	94
49) 1,4-Dioxane	9.48	88	8761	430.821	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	238242	113.586	ug/l	100
52) Toluene	10.38	92	152547	22.890	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	84354	23.424	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	98729	22.706	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	44543	23.700	ug/l	95
56) Ethyl methacrylate	10.65	69	62467	22.837	ug/l	98
57) 1,3-Dichloropropane	10.93	76	82341	23.184	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	153278	109.184	ug/l	99
59) 2-Hexanone	10.97	43	164317	110.719	ug/l	100
60) Dibromochloromethane	11.13	129	49471	23.632	ug/l	98
61) 1,2-Dibromoethane	11.24	107	40973	23.401	ug/l	98
64) Tetrachloroethene	10.86	164	51028	22.996	ug/l	97
65) Chlorobenzene	11.66	112	156954	23.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	56737	24.131	ug/l	99
67) Ethyl Benzene	11.73	91	302855	23.328	ug/l	97
68) m/p-Xylenes	11.84	106	217781	46.569	ug/l	100
69) o-Xylene	12.16	106	102489	23.679	ug/l	100
70) Styrene	12.18	104	179328	23.937	ug/l	100
71) Bromoform	12.35	173	28650	24.457	ug/l #	98
73) Isopropylbenzene	12.46	105	296221	23.600	ug/l	99
74) N-amyl acetate	12.27	43	82496	21.754	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	51412	22.343	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	42677m	26.160	ug/l	
77) Bromobenzene	12.74	156	64785	23.858	ug/l	93
78) n-propylbenzene	12.80	91	354973	23.166	ug/l	98
79) 2-Chlorotoluene	12.89	91	201941	23.213	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	247673	23.615	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16393	22.032	ug/l	99
82) 4-Chlorotoluene	12.99	91	212169	23.292	ug/l	99
83) tert-Butylbenzene	13.21	119	216002	24.313	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	245011	23.256	ug/l	99
85) sec-Butylbenzene	13.38	105	301058	23.653	ug/l	100
86) p-Isopropyltoluene	13.50	119	270683	23.813	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	123940	23.336	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	125254	23.751	ug/l	99
89) n-Butylbenzene	13.82	91	266675	23.591	ug/l	100
90) Hexachloroethane	14.09	117	44948	22.538	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	110778	23.776	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8905	22.956	ug/l	97

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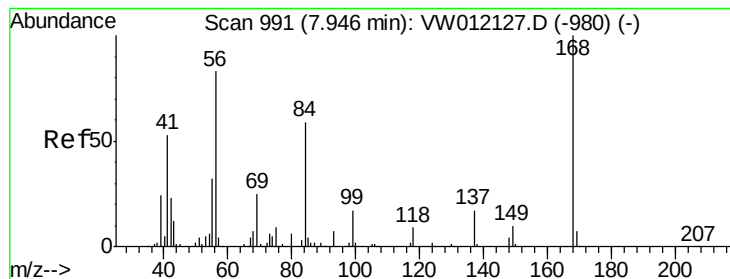
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77408	24.041	ug/l	99
94) Hexachlorobutadiene	15.23	225	52889	24.876	ug/l	98
95) Naphthalene	15.36	128	133578	23.636	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	66391	23.633	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS03

Tot Ion:168 Resp: 260620

Ion Ratio Lower Upper

168 100

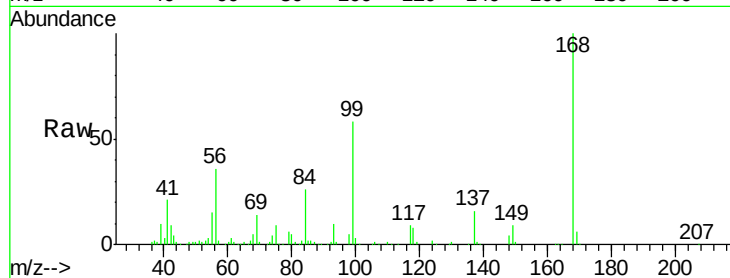
99 58.3 49.2 73.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

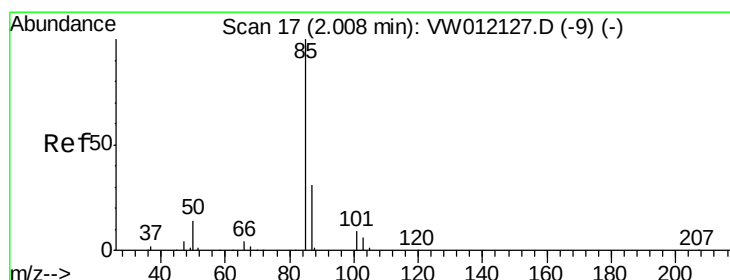
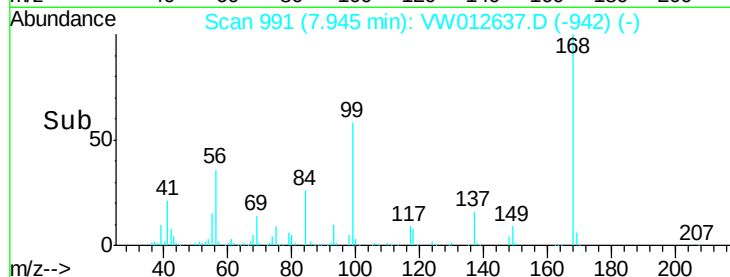
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.246 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012637.D

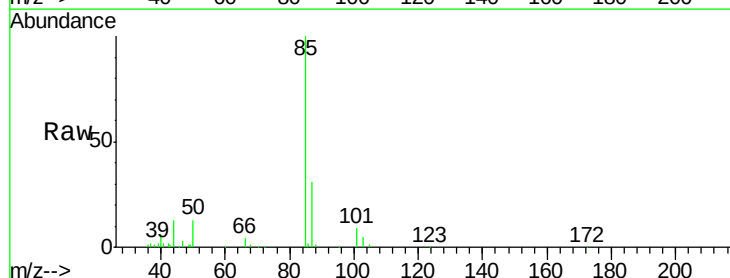
Acq: 05 Sep 2019 13:32

Tgt Ion: 85 Resp: 38909

Ion Ratio Lower Upper

85 100

87 30.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

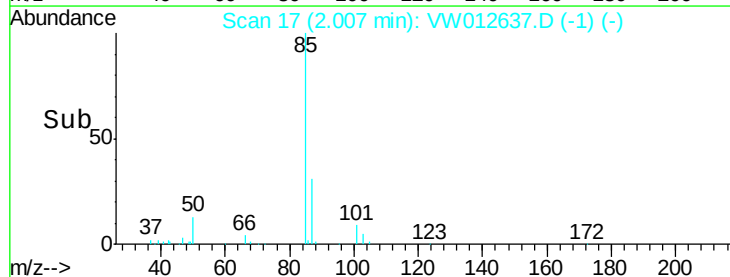
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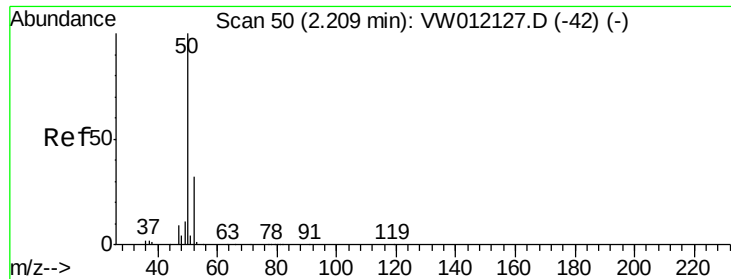
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 19.212 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS03

Tot Ion: 50 Resp: 47764

Ion Ratio Lower Upper

50 100

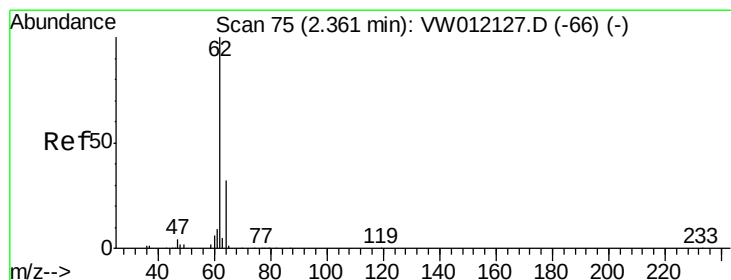
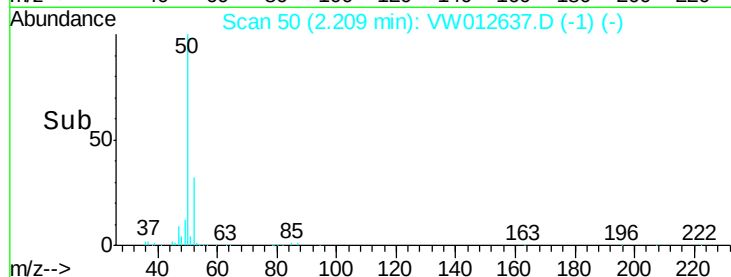
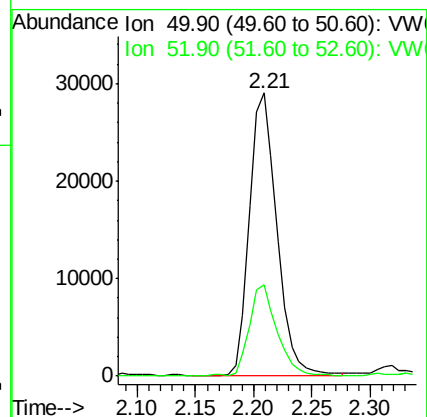
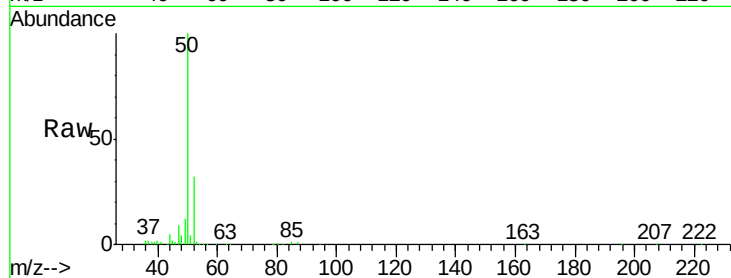
52 32.2 25.5 38.3

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#4

Vinyl Chloride

Concen: 18.744 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012637.D

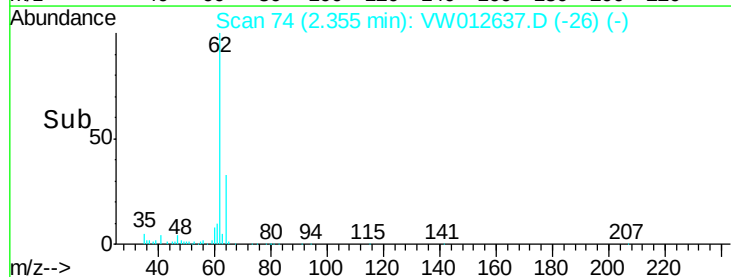
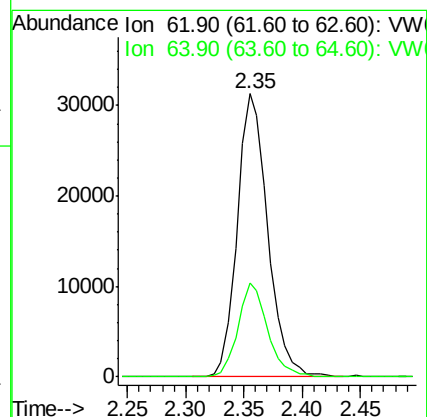
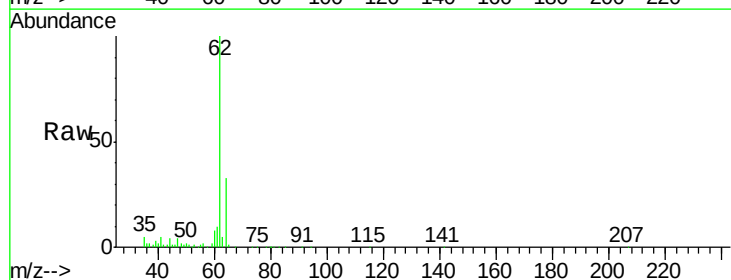
Acq: 05 Sep 2019 13:32

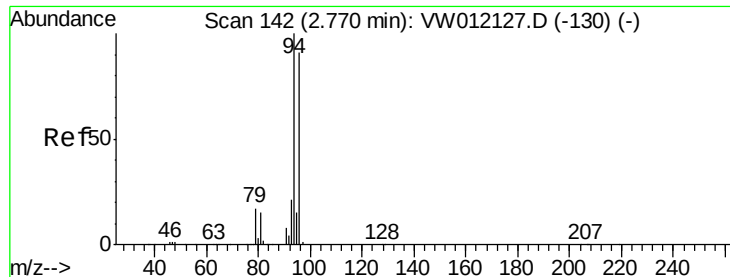
Tgt Ion: 62 Resp: 57037

Ion Ratio Lower Upper

62 100

64 33.2 25.3 37.9





#5

Bromomethane

Concen: 18.347 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS03

Tot Ion: 94 Resp: 28275

Ion Ratio Lower Upper

94 100

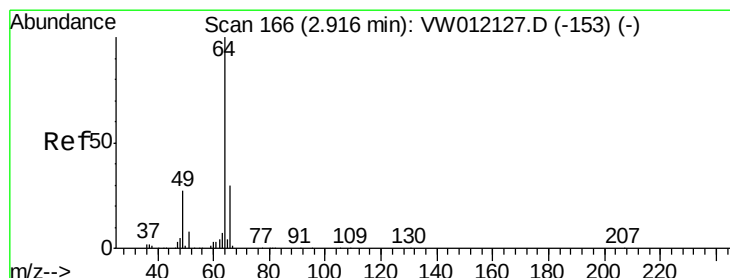
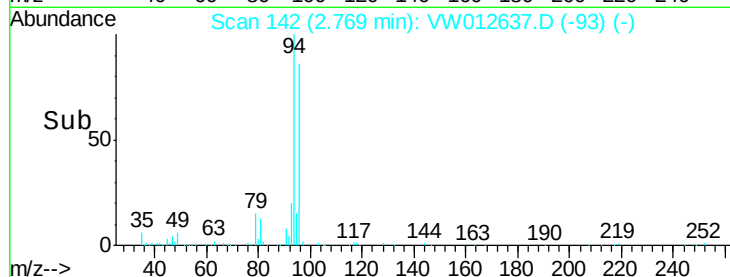
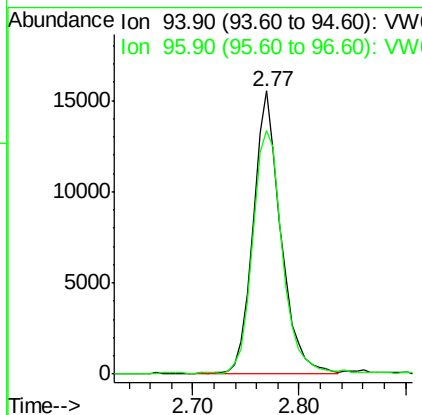
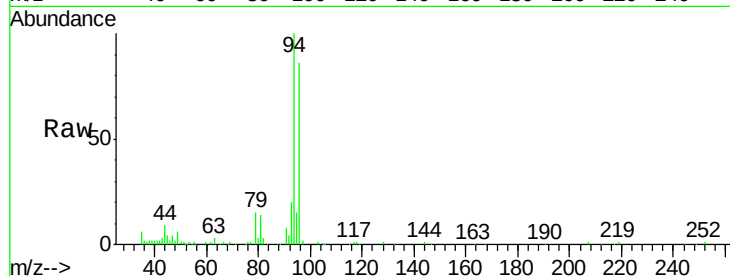
96 86.0 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 17.515 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012637.D

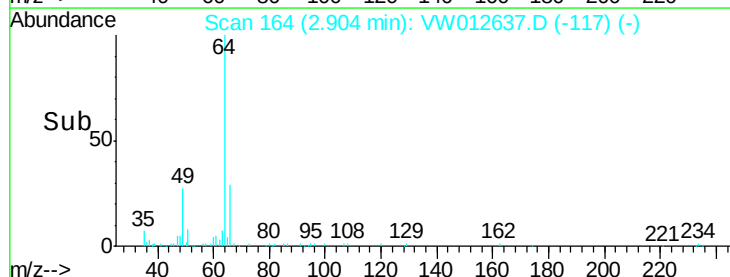
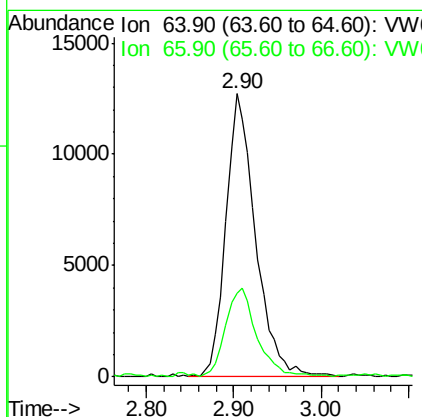
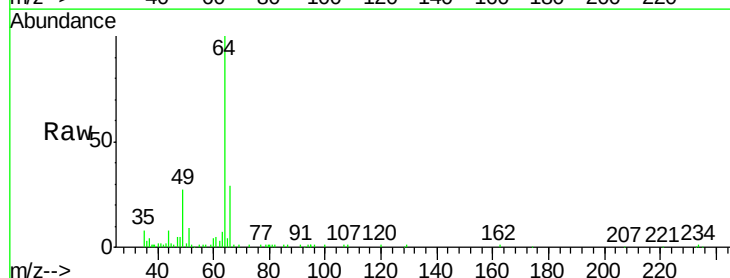
Acq: 05 Sep 2019 13:32

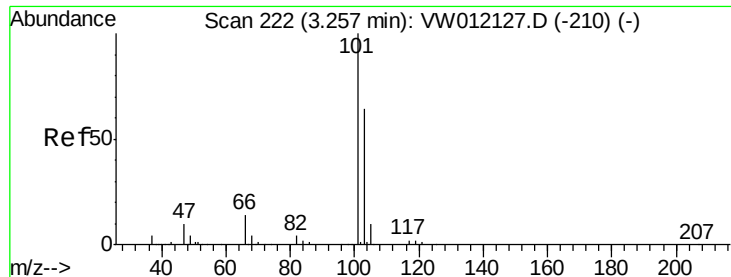
Tgt Ion: 64 Resp: 30067

Ion Ratio Lower Upper

64 100

66 28.7 23.8 35.8





#7

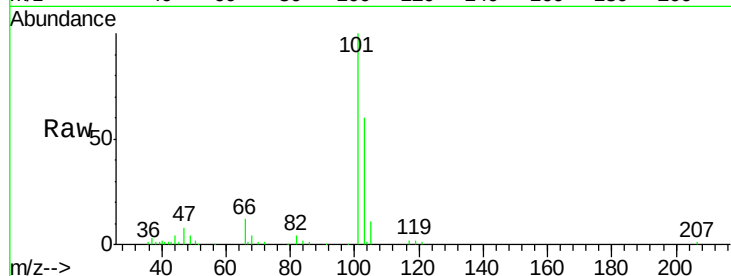
Trichlorofluoromethane
Concen: 22.173 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
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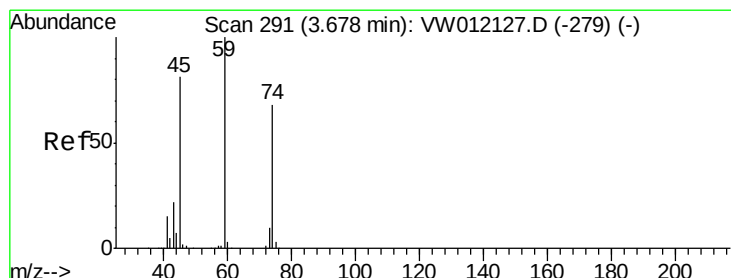
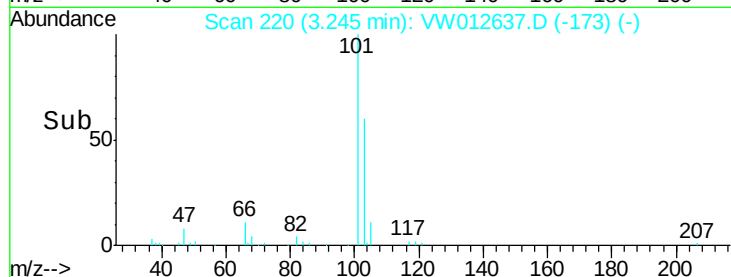
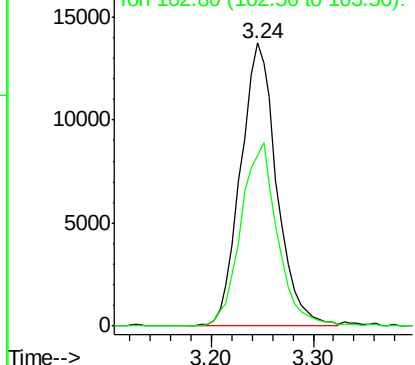
Tot Ion	Ratio	Resp	Lower	Upper
101	100	33880		
103	60.2		51.2	76.8

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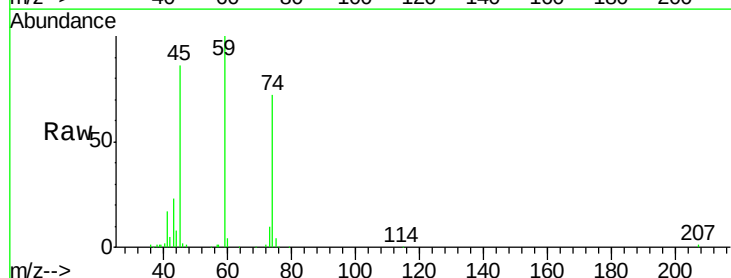
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



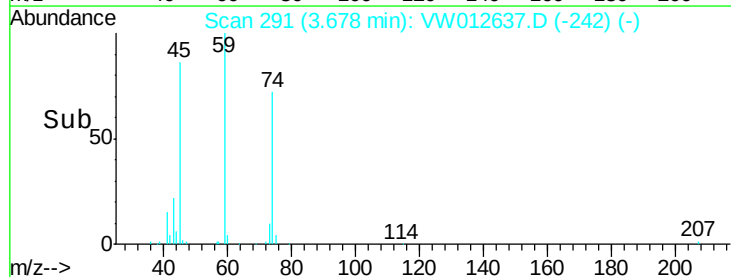
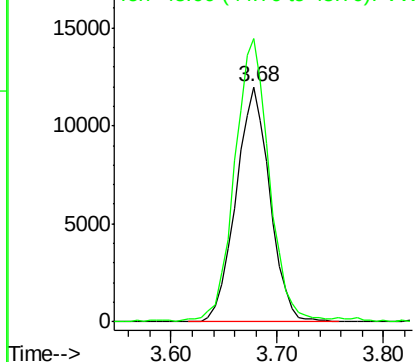
#8

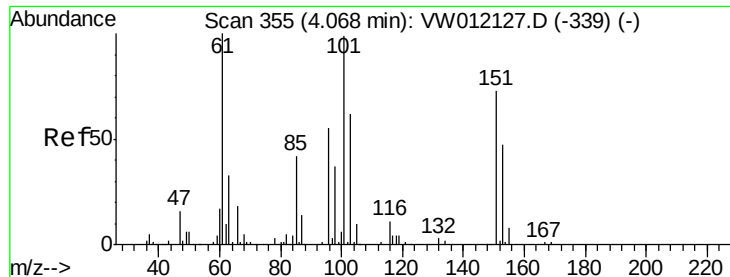
Diethyl Ether
Concen: 18.476 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	26796		
45	121.4		59.2	177.6



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.381 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

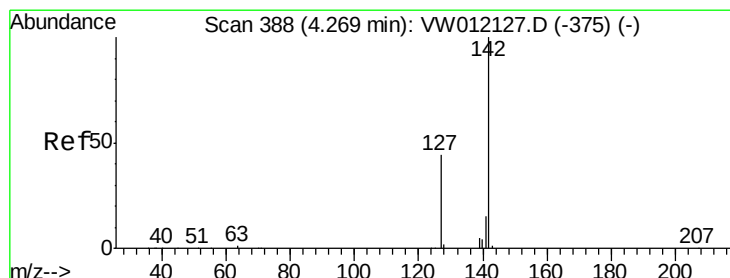
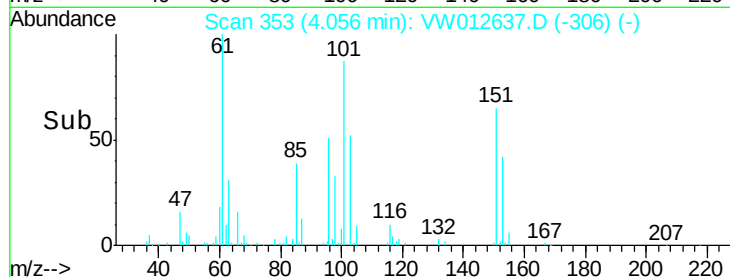
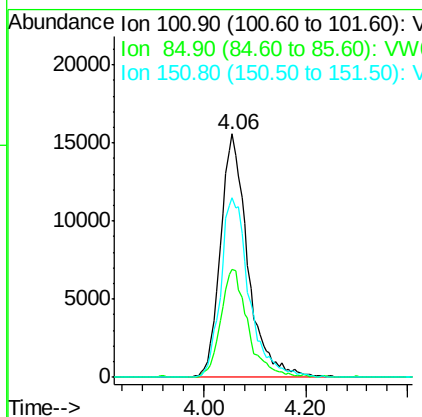
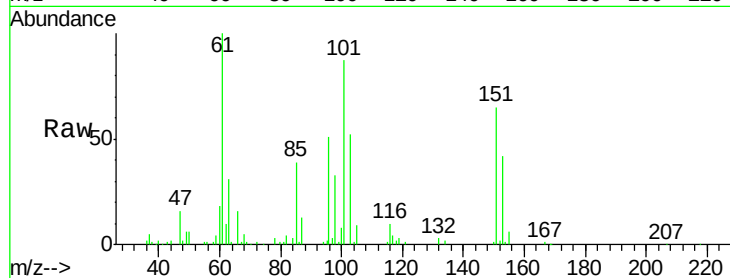
ClientSampled :

VW0905SBS03

Tot Ion:	101	Resp:	58130
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.8	53.6
151	76.7	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 20.393 ug/l

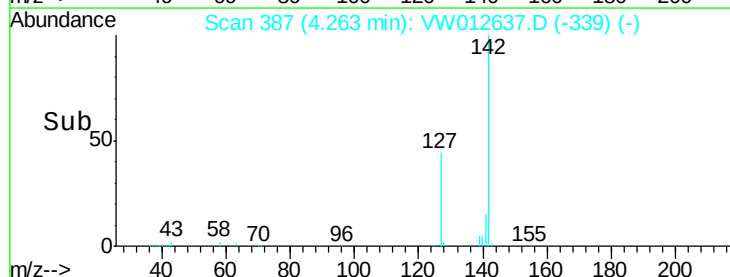
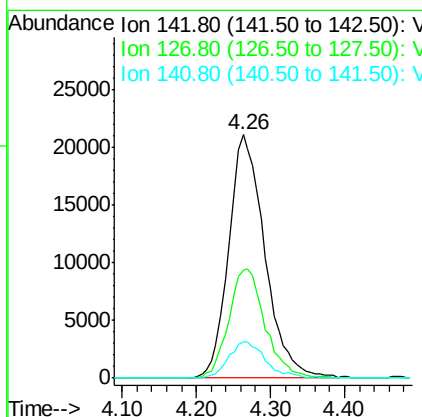
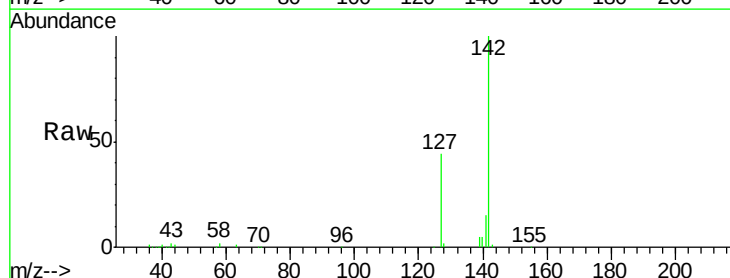
RT: 4.26 min Scan# 387

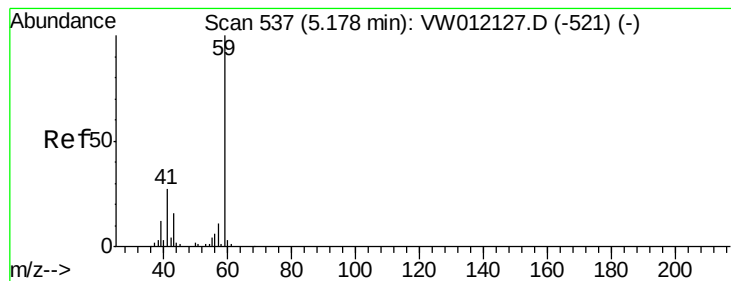
Delta R.T. -0.01 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion:	142	Resp:	71664
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.5	53.3
141	15.3	11.8	17.8





#11

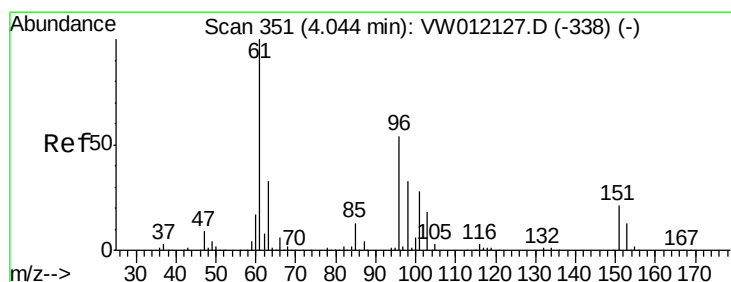
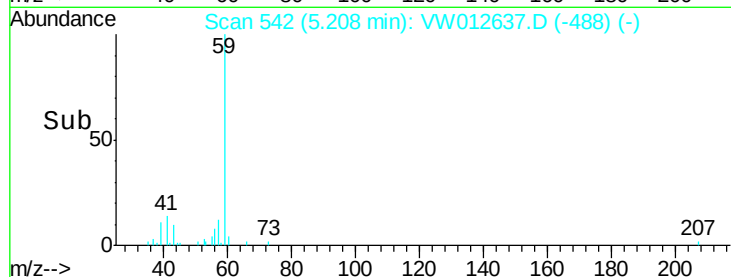
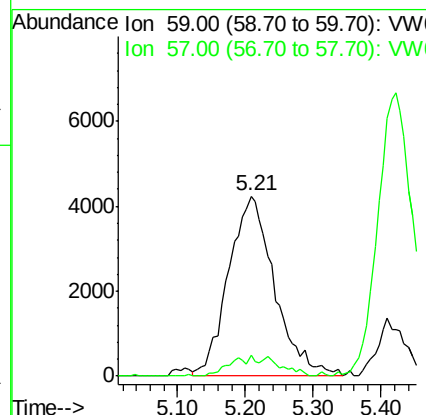
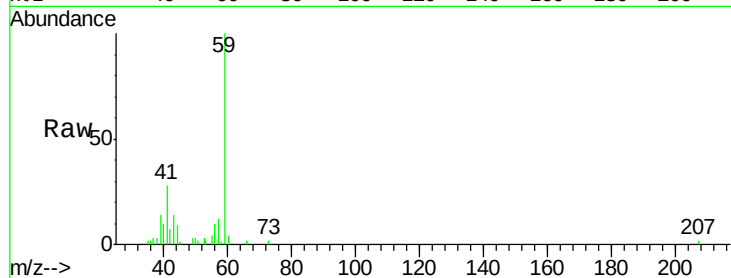
Tert butyl alcohol
Concen: 106.724 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.03 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Resp	Lower	Upper
59	100	19898		
57	4.4	9.0	13.4#	

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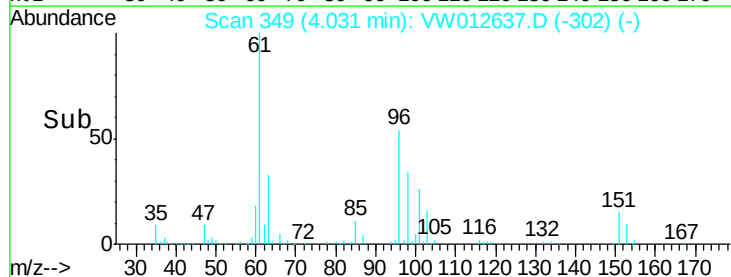
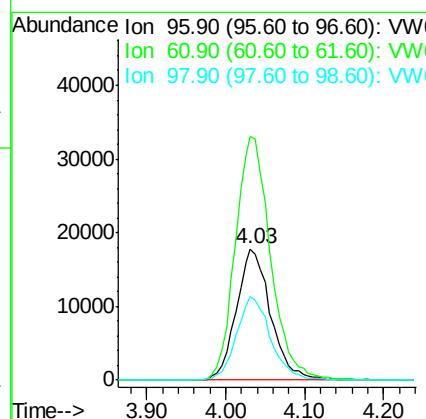
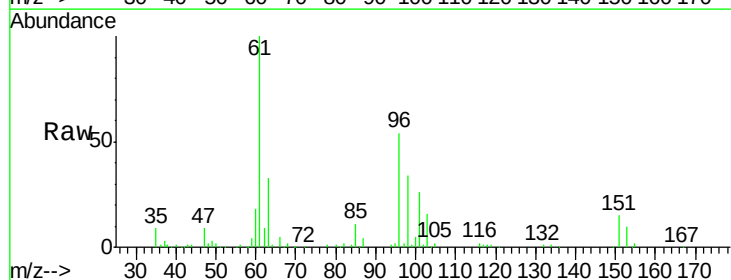
MMDadoda
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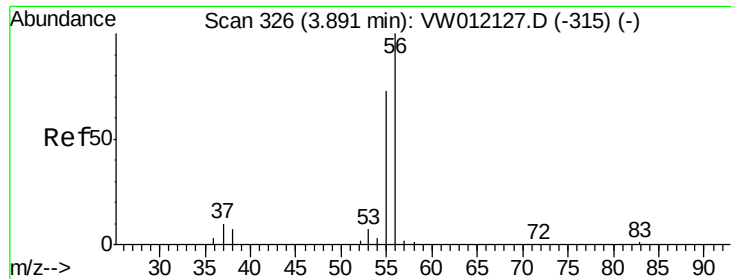


#12

1,1-Dichloroethene
Concen: 20.502 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	53595		
61	185.2	149.1	223.7	
98	63.8	49.4	74.2	





#13

Acrolein

Concen: 54.762 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS03

Tot Ion: 56 Resp: 9611

Ion Ratio Lower Upper

56 100

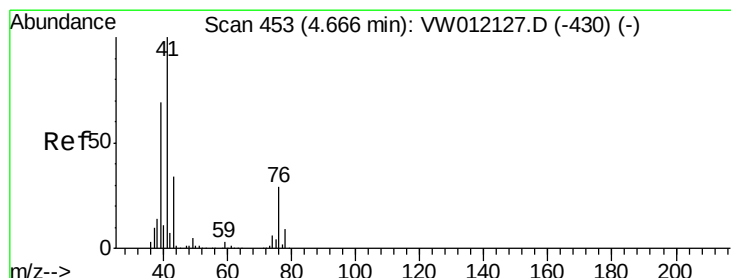
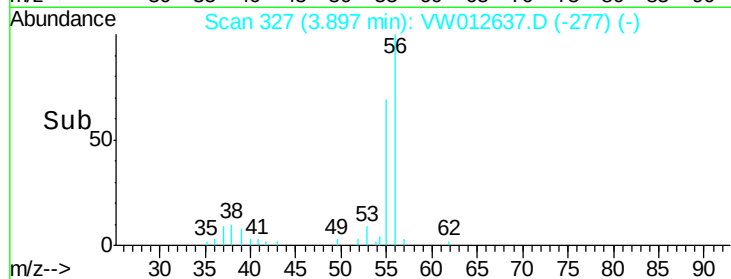
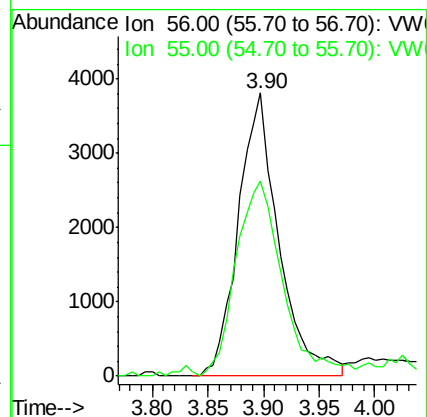
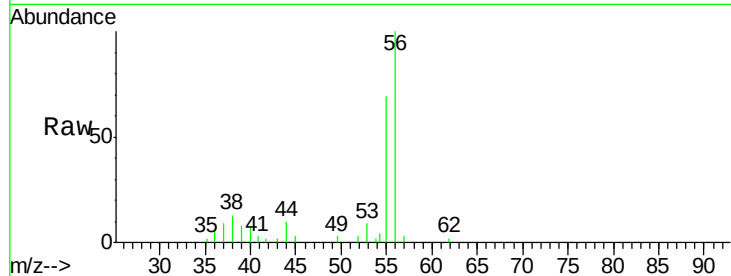
55 79.6 55.8 83.8

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#14

Allyl chloride

Concen: 20.512 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

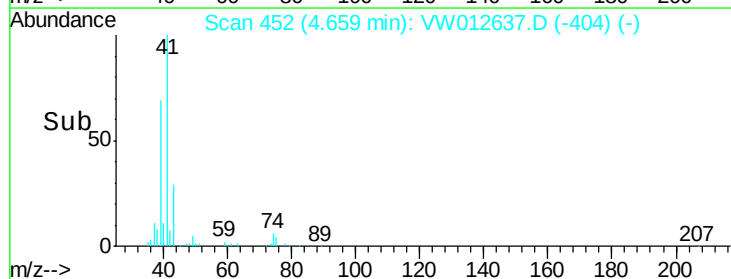
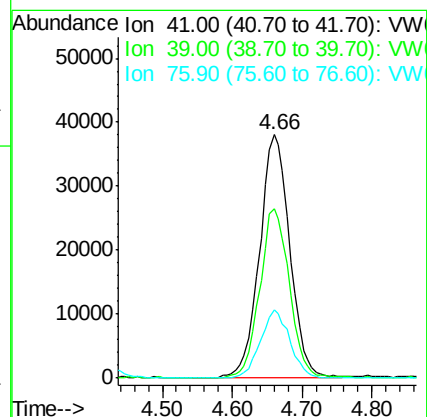
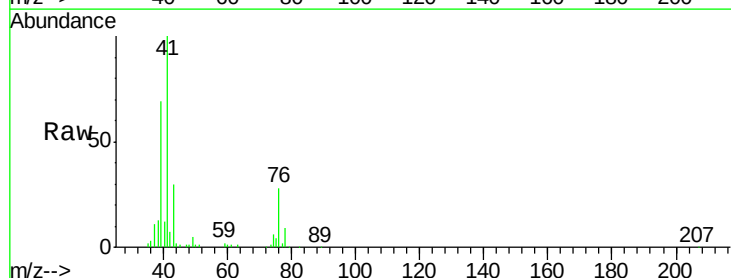
Tgt Ion: 41 Resp: 114634

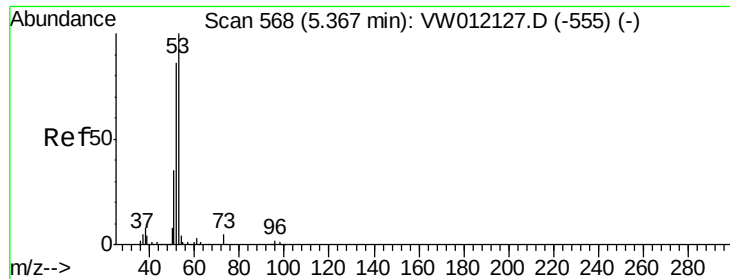
Ion Ratio Lower Upper

41 100

39 68.0 53.4 80.2

76 27.1 22.1 33.1





#15

Acrylonitrile

Concen: 106.423 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

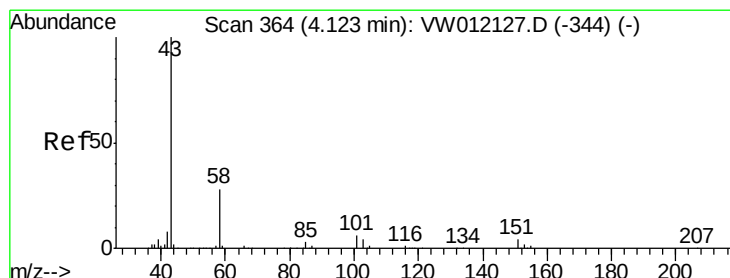
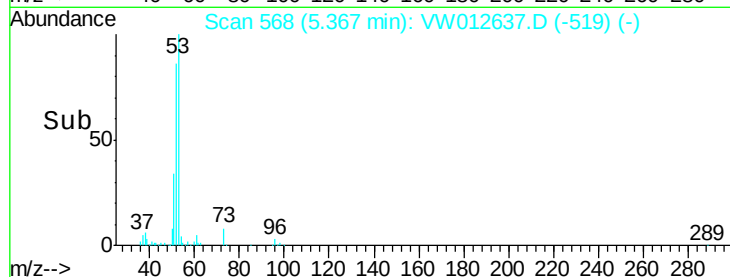
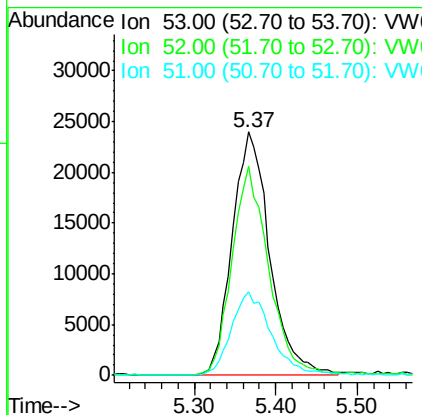
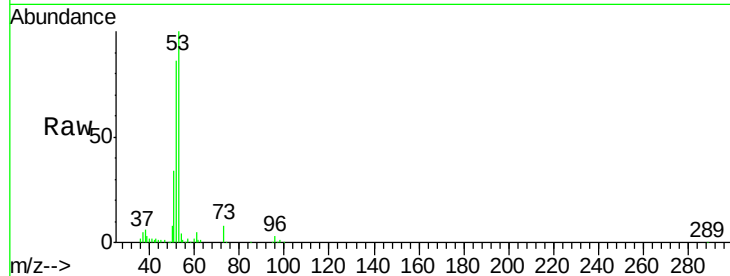
ClientSampleId :

VW0905SBS03

Tot Ion:	53	Resp:	76505
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.7	100.1
51	36.5	30.1	45.1

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#16

Acetone

Concen: 98.147 ug/l

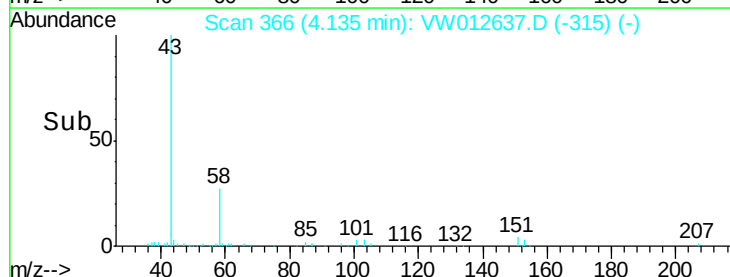
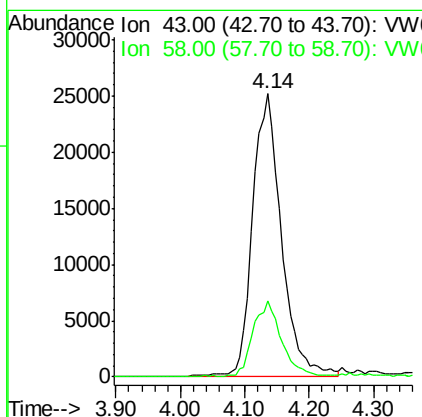
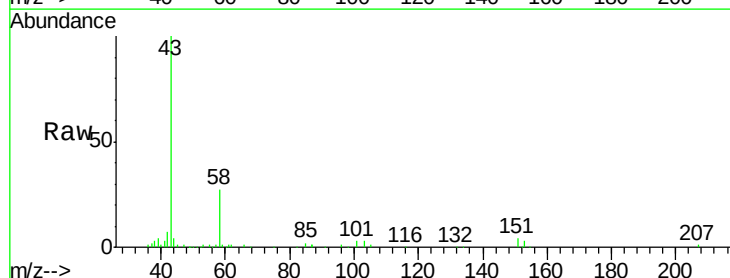
RT: 4.14 min Scan# 366

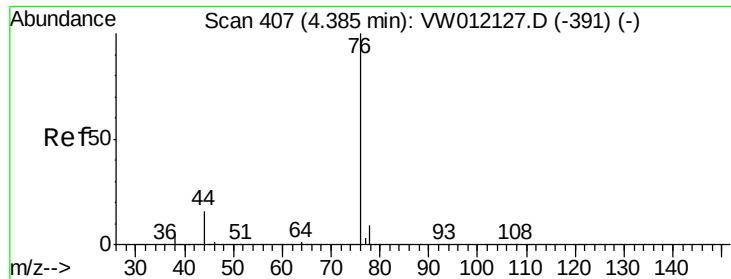
Delta R.T. 0.01 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion:	43	Resp:	77727
Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.4	33.6





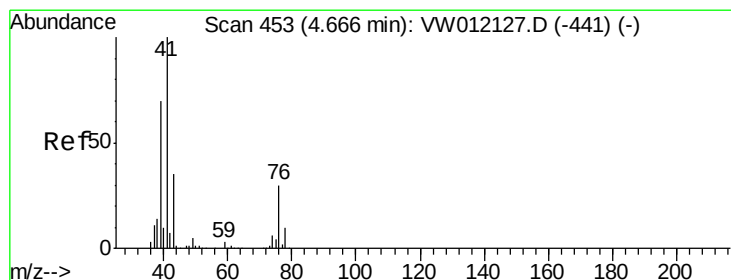
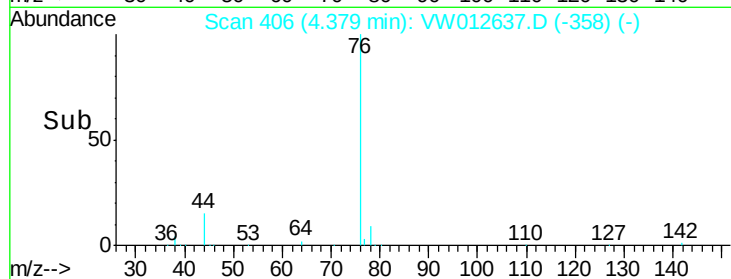
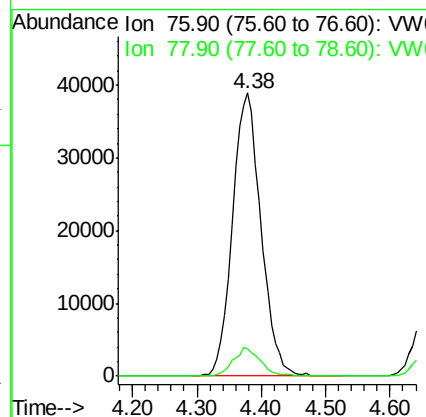
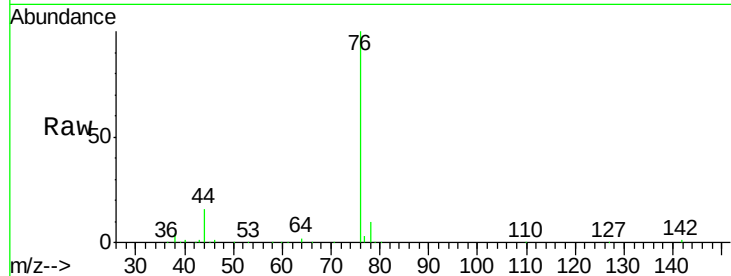
#17
Carbon Disulfide
Concen: 15.272 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9

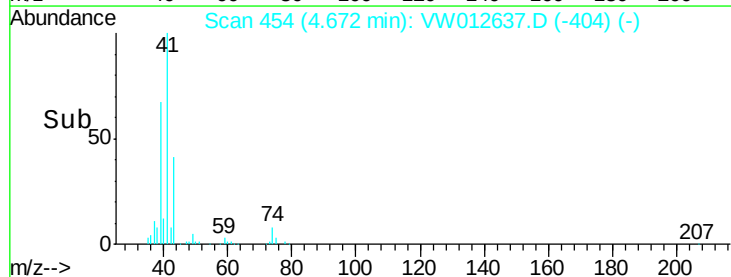
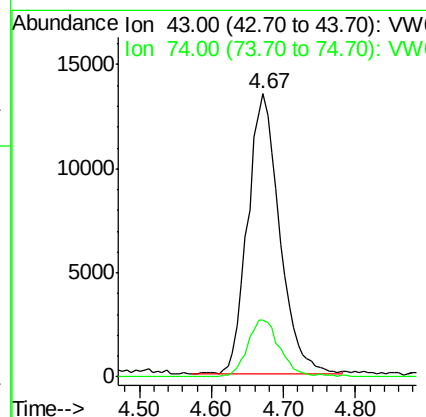
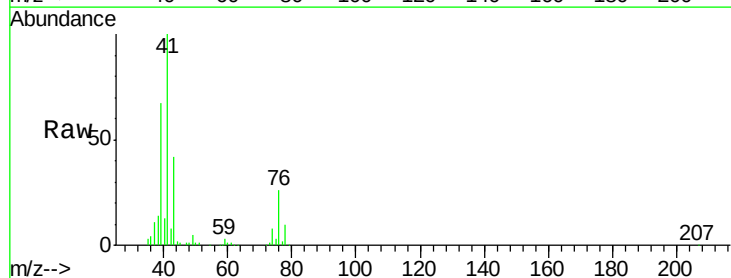
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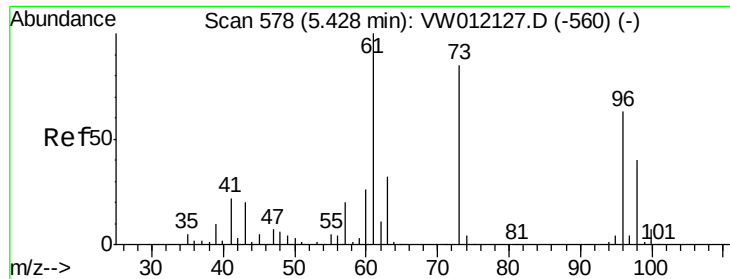
MMDadoda
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#18
Methyl Acetate
Concen: 21.185 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	15.7	23.5





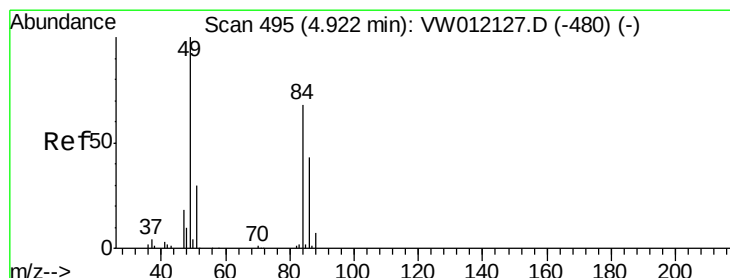
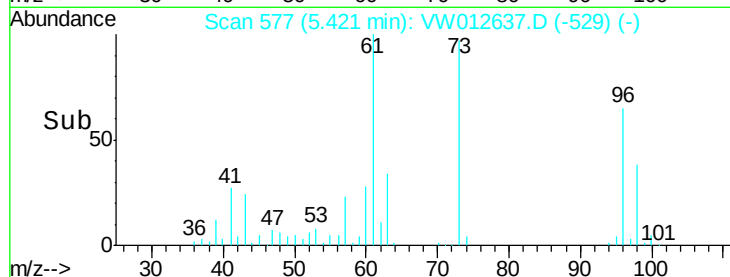
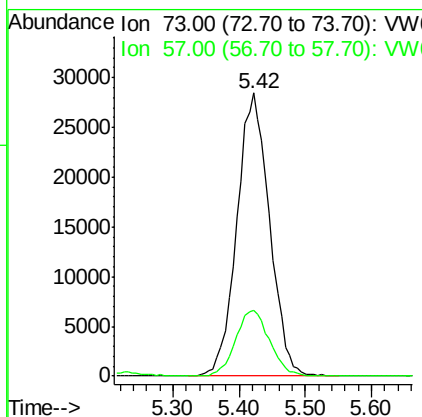
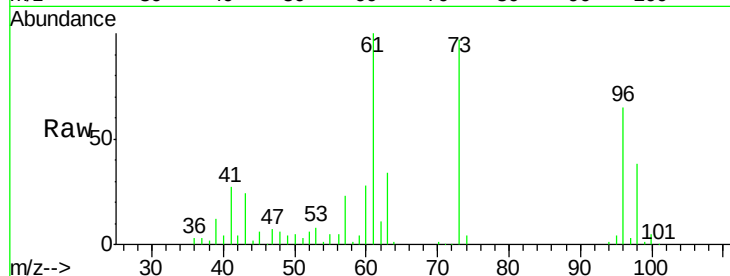
#19
Methyl tert-butyl Ether
Concen: 23.044 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS03

Tot Ion: 73 Resp: 97418
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3

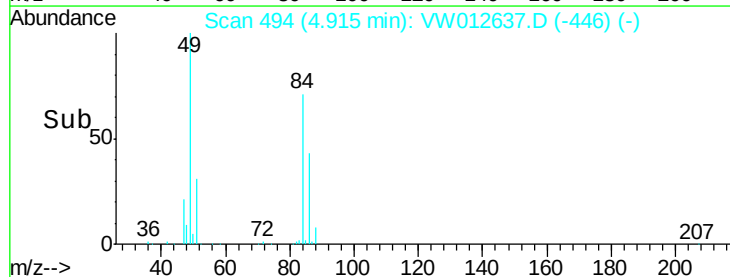
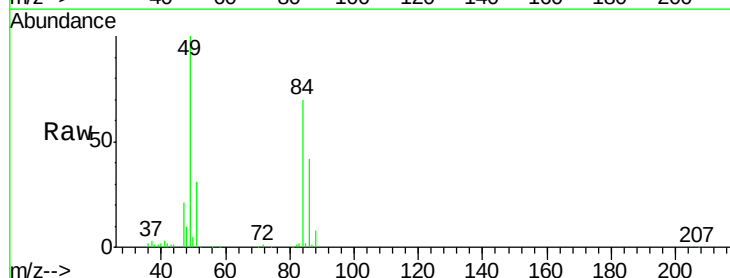
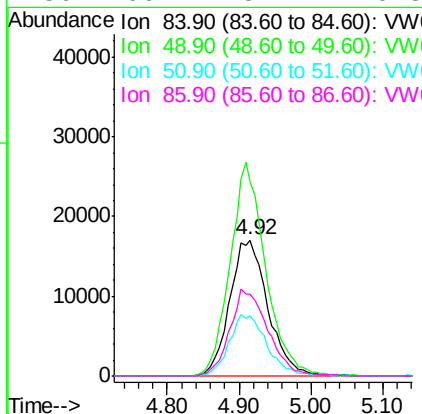
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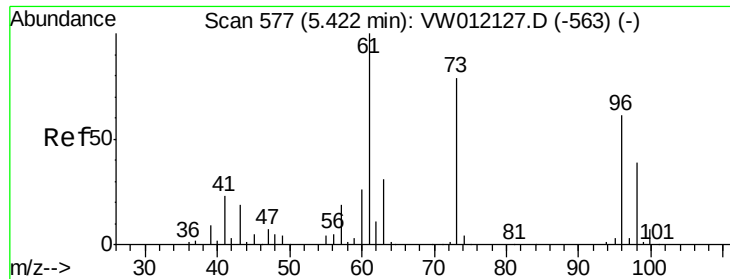
MMDadoda
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#20
Methylene Chloride
Concen: 20.925 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion: 84 Resp: 62647
Ion Ratio Lower Upper
84 100
49 142.0 117.8 176.8
51 44.1 35.6 53.4
86 60.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.620 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS03

Tot Ion: 96 Resp: 57803

Ion Ratio Lower Upper

96 100

61 153.1 131.4 197.0

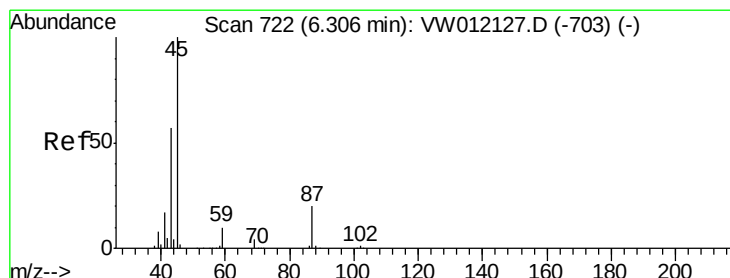
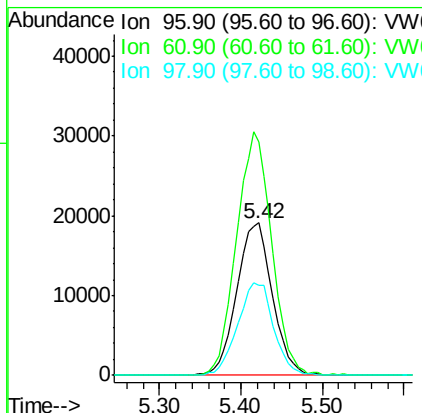
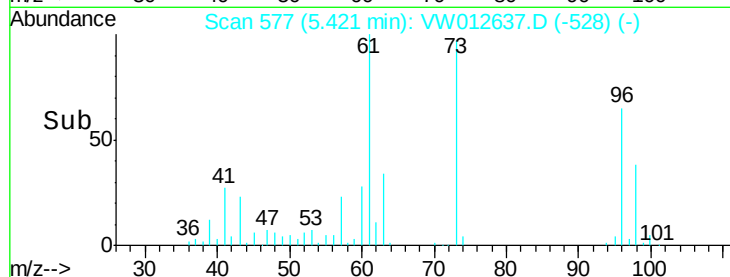
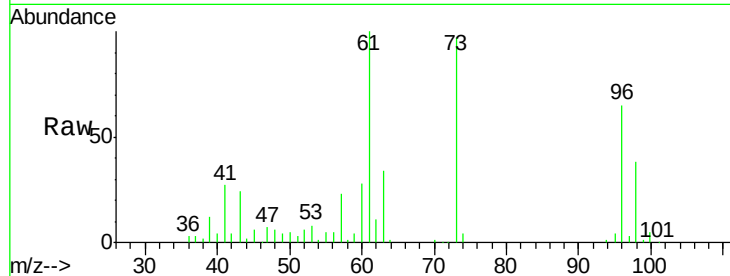
98 58.8 51.4 77.0

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#22

Diisopropyl ether

Concen: 21.911 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion: 45 Resp: 226975

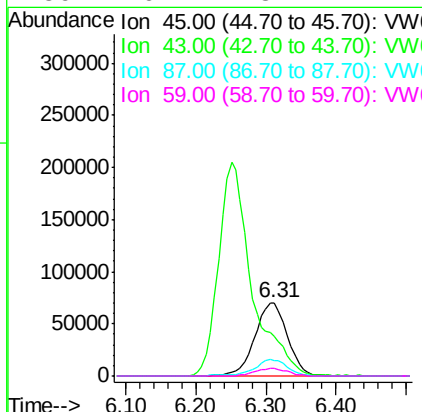
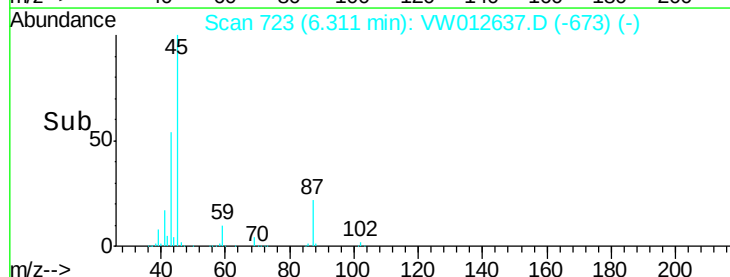
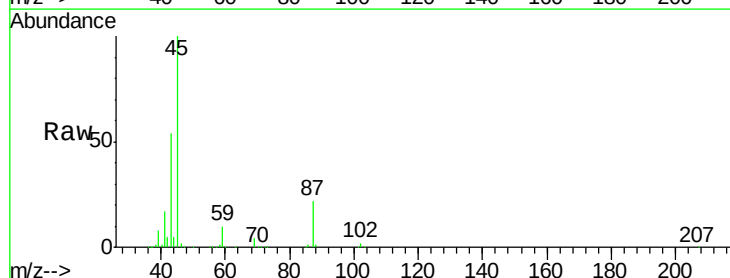
Ion Ratio Lower Upper

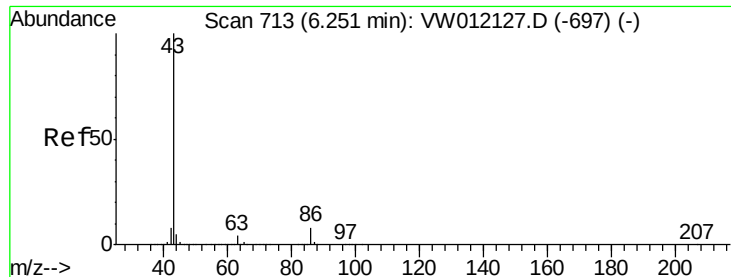
45 100

43 53.9 45.5 68.3

87 21.5 16.1 24.1

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 106.176 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS03

Tot Ion: 43 Resp: 676885

Ion Ratio Lower Upper

43 100

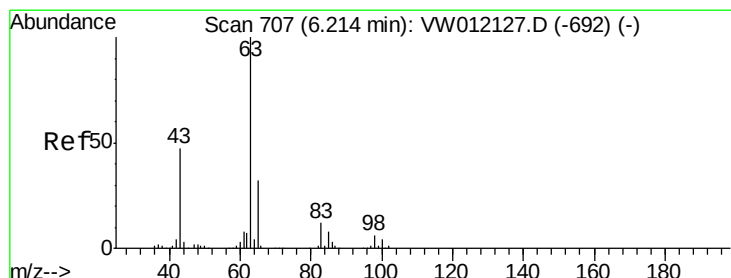
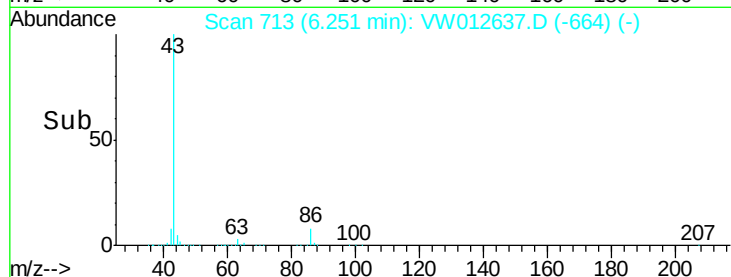
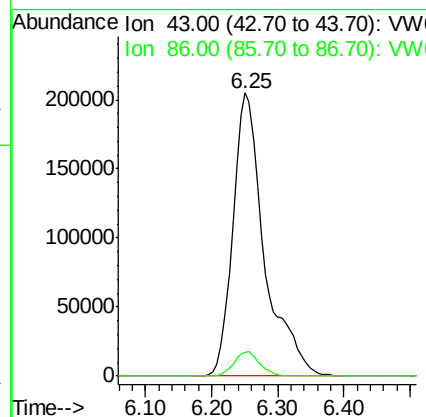
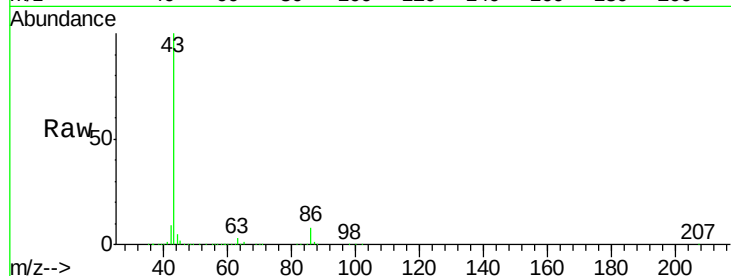
86 8.2 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 21.554 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

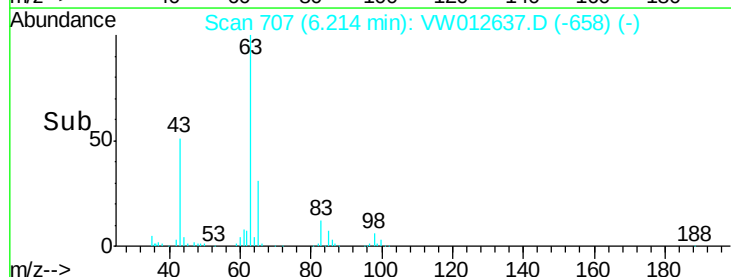
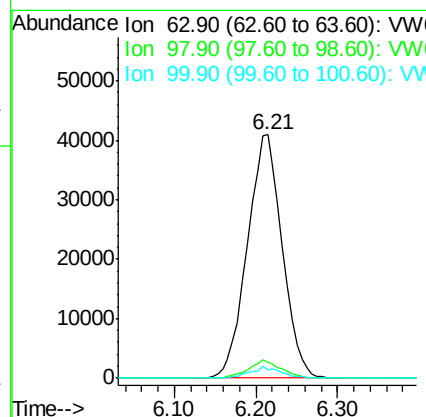
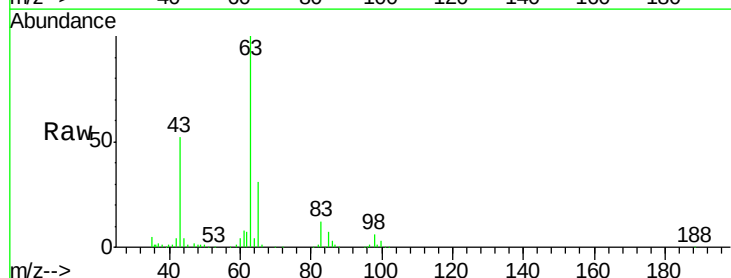
Tgt Ion: 63 Resp: 121570

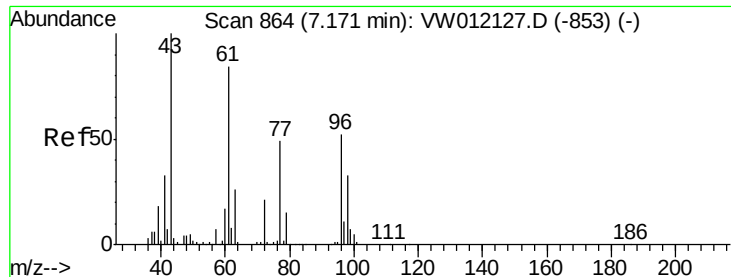
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.5 2.0 6.0





#25

2-Butanone

Concen: 98.633 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampled :

VW0905SBS03

Tot Ion: 43 Resp: 106145

Ion Ratio Lower Upper

43 100

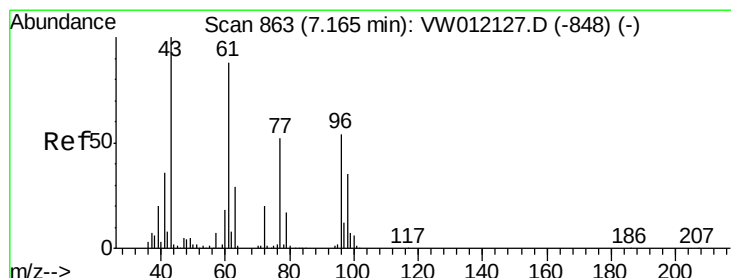
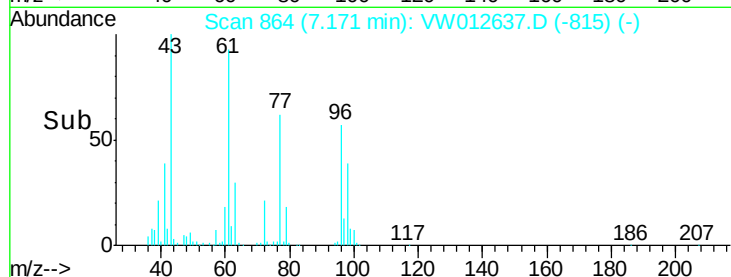
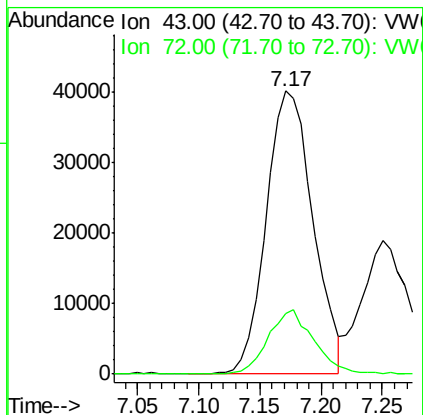
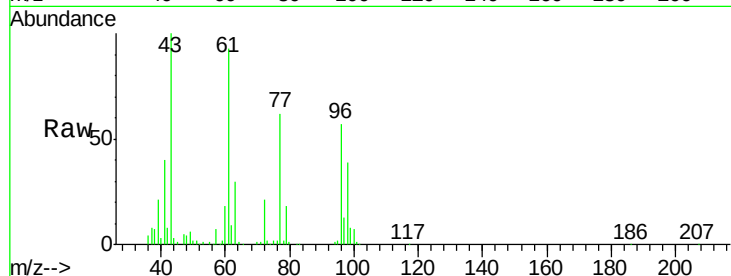
72 21.4 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 23.503 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012637.D

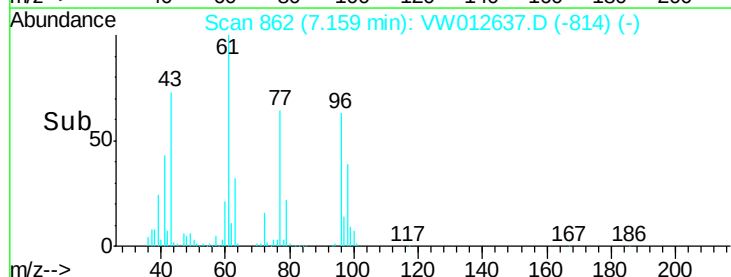
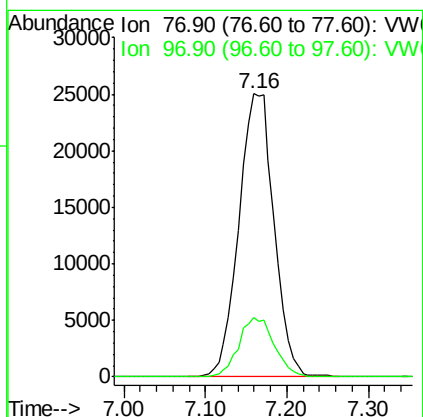
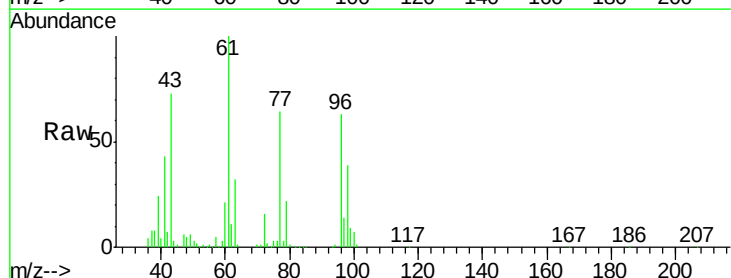
Acq: 05 Sep 2019 13:32

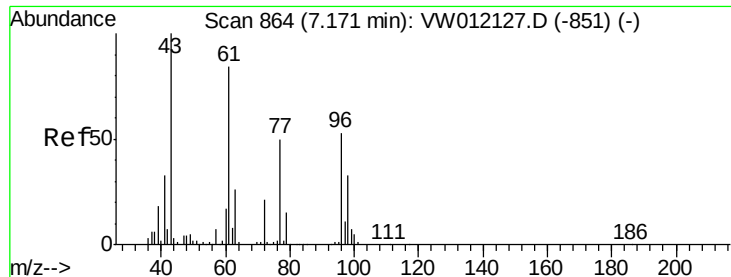
Tgt Ion: 77 Resp: 75032

Ion Ratio Lower Upper

77 100

97 21.1 11.1 33.1





#27

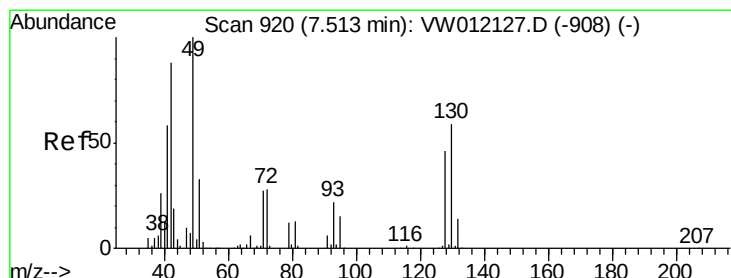
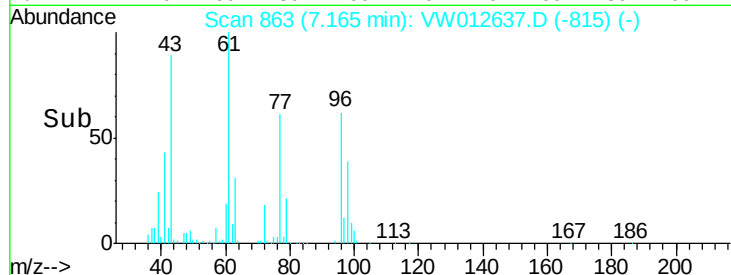
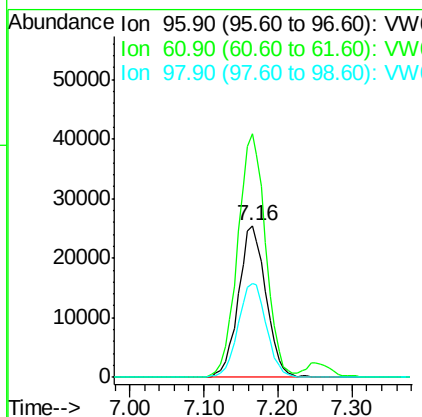
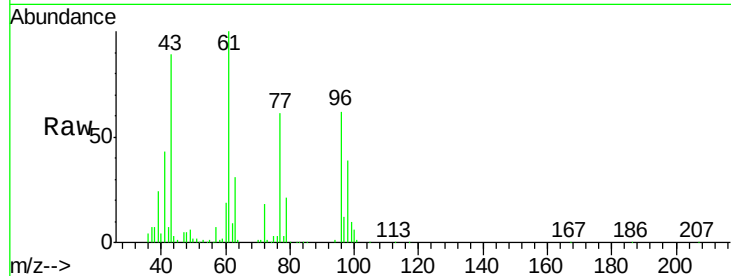
cis-1,2-Dichloroethene
 Concen: 22.087 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Instrument :
 MSVOA_W
 ClientSampled :
 VW0905SBS03

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.1	0.0	326.6
98	63.3	0.0	127.4

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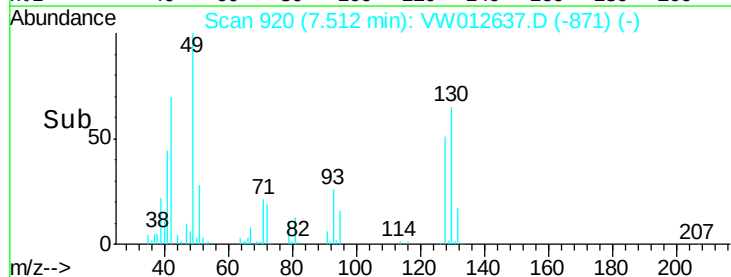
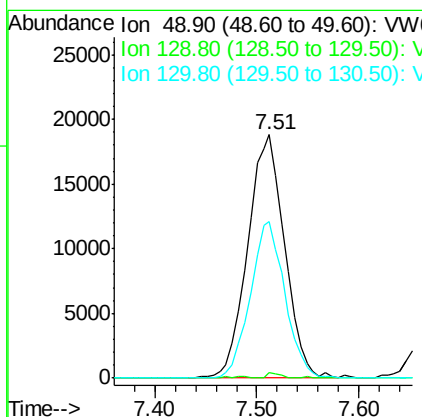
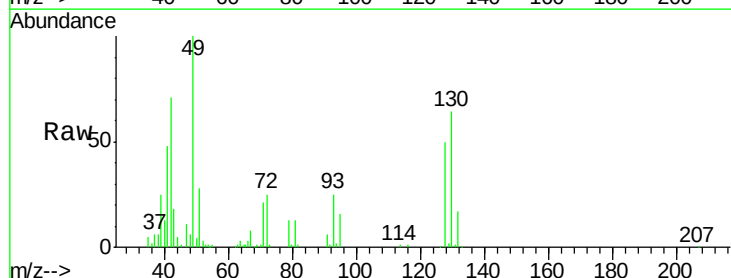
MMDadoda
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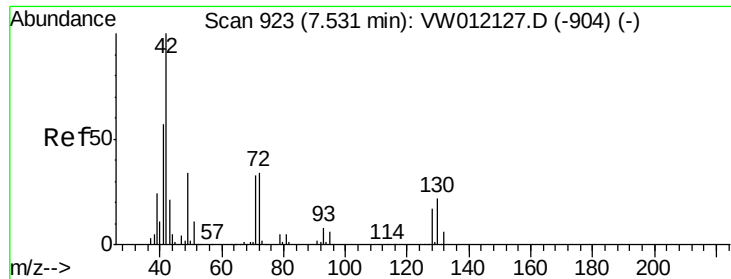


#28

Bromochloromethane
 Concen: 19.226 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	1.4
130	60.7	45.5	68.3





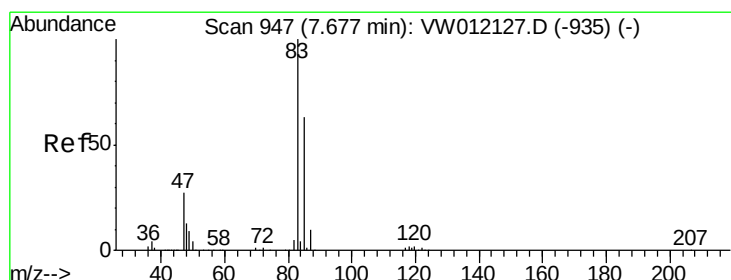
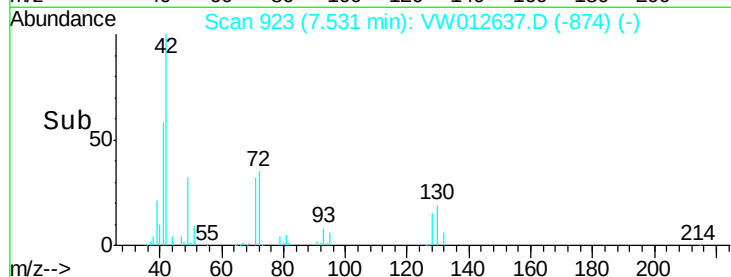
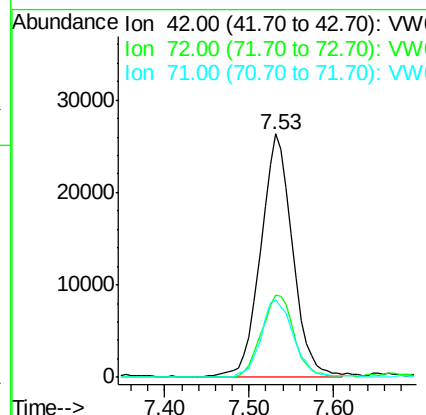
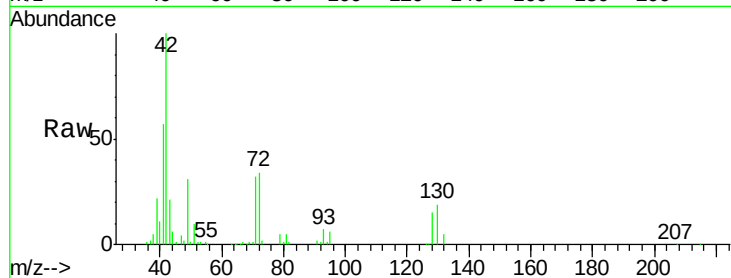
#29
Tetrahydrofuran
Concen: 106.272 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.5	27.3	40.9
71	32.9	25.5	38.3

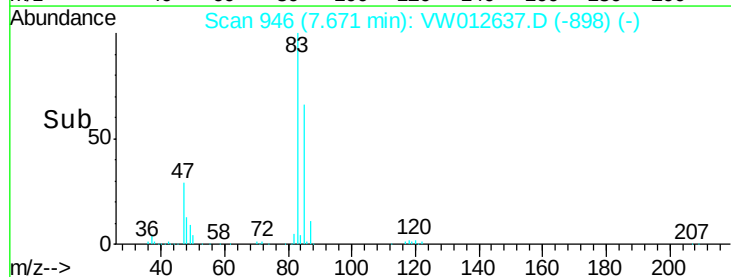
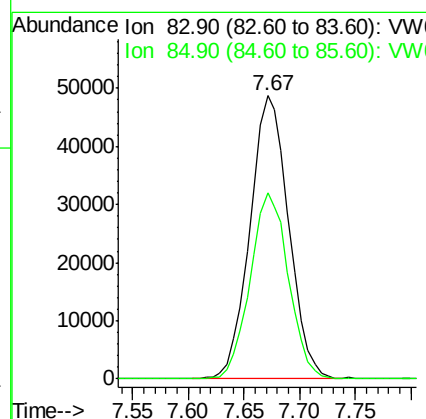
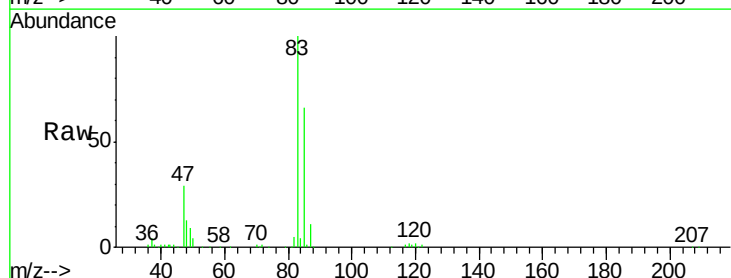
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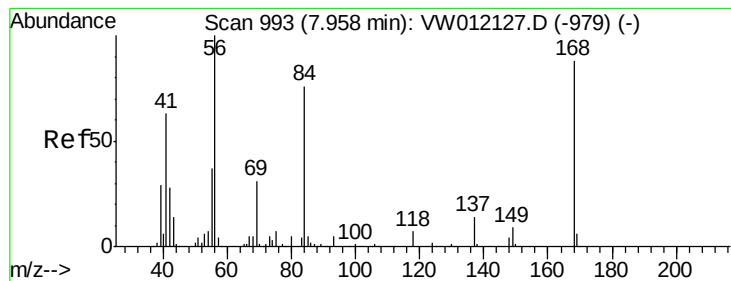
MMDadoda
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#30
Chloroform
Concen: 22.804 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.6	76.0





#31

Cyclohexane

Concen: 19.901 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

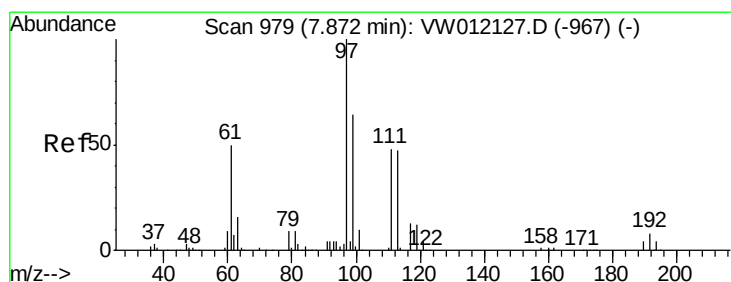
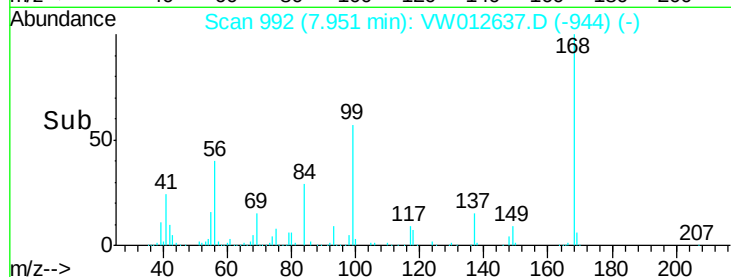
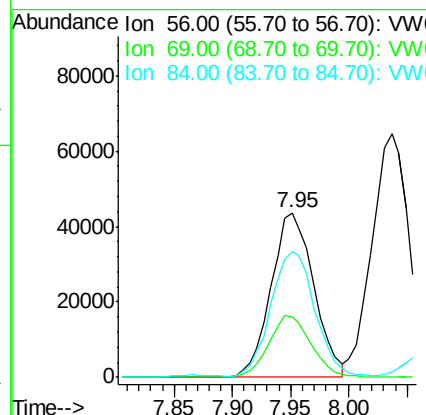
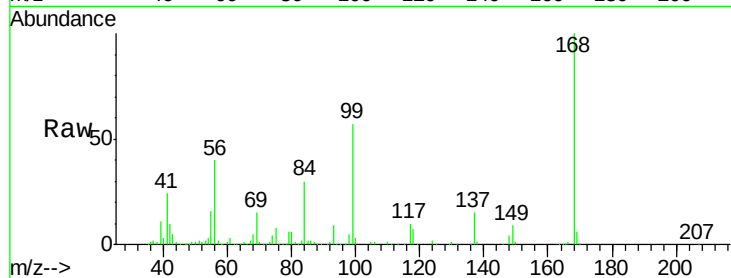
ClientSampled :

VW0905SBS03

Tot Ion:	56	Resp:	111055
Ion Ratio	Lower	Upper	
56	100		
69	37.0	24.9	37.3
84	75.1	60.6	90.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 23.305 ug/l

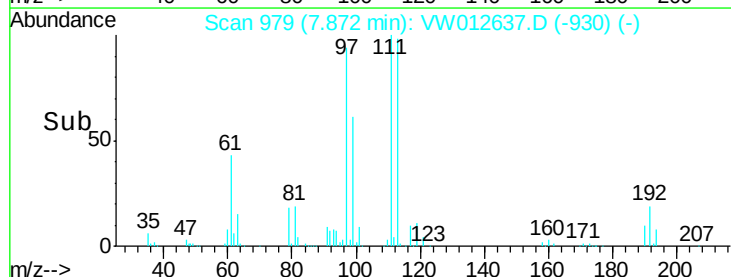
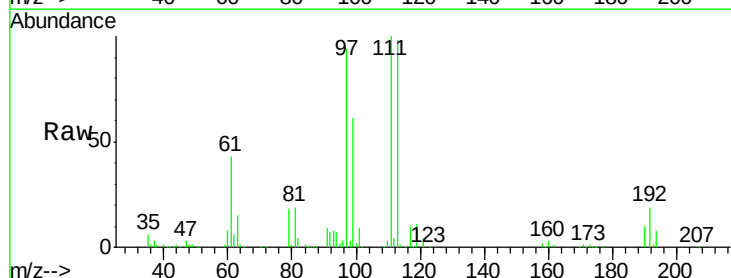
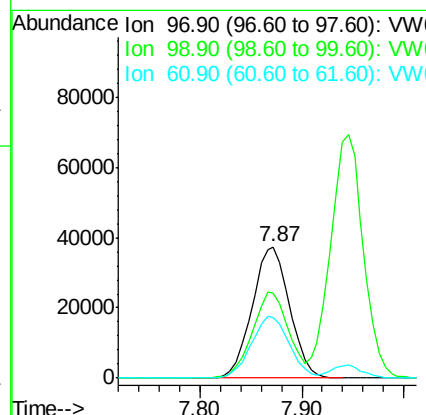
RT: 7.87 min Scan# 979

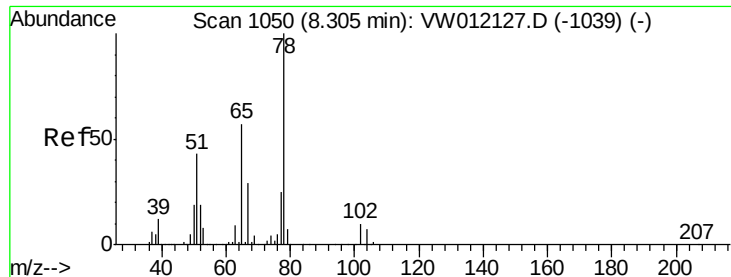
Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion:	97	Resp:	95137
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.4	77.0
61	47.7	39.5	59.3





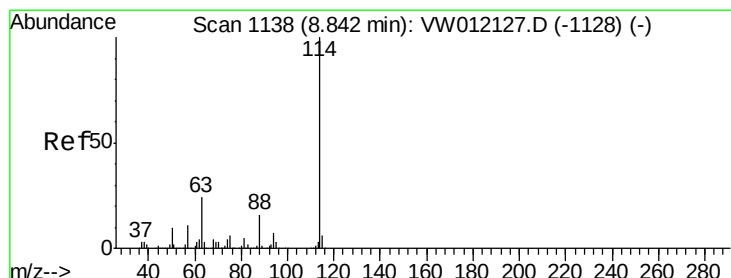
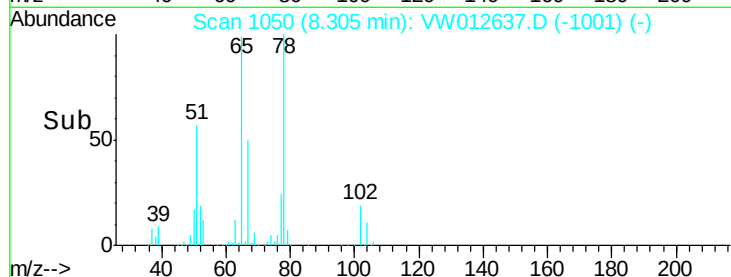
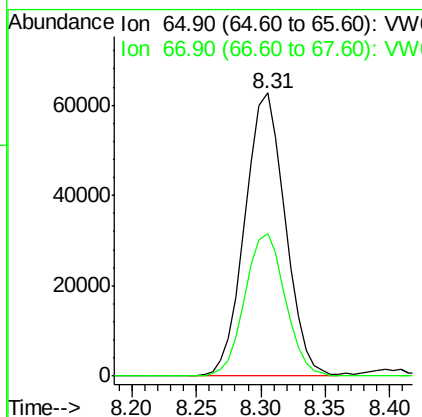
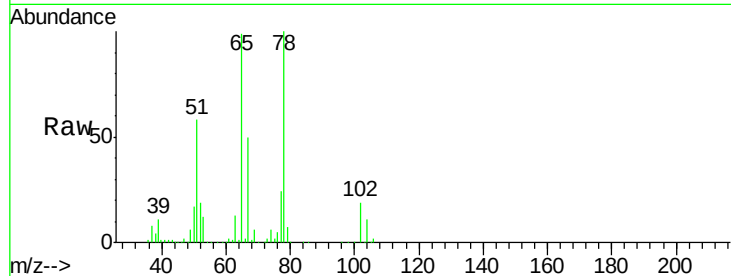
#33
 1,2-Dichloroethane-d4
 Concen: 43.899 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS03

Tot Ion	Ratio	Resp	Lower	Upper
65	100	136006		
67	50.4	0.0	102.6	

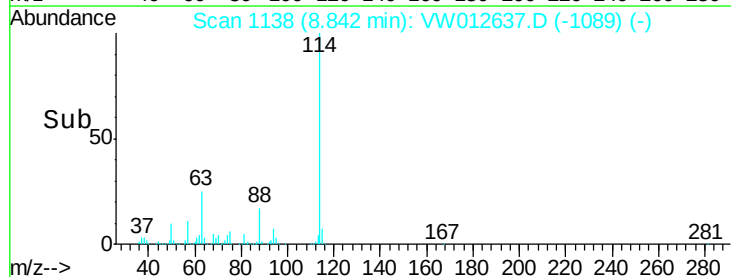
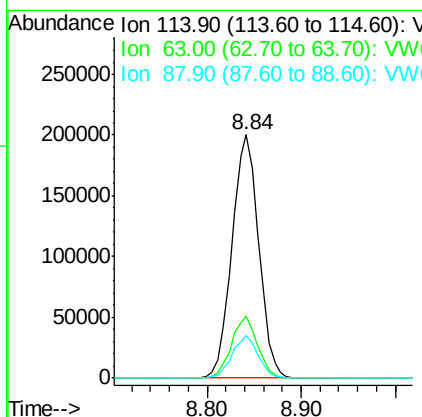
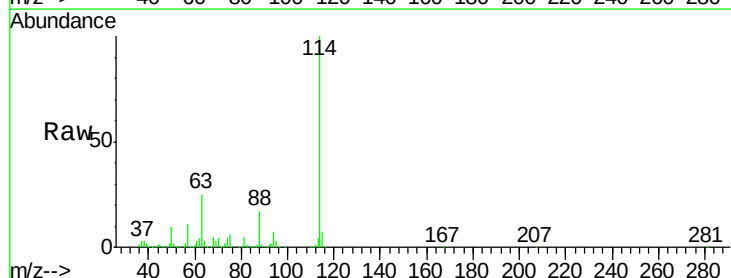
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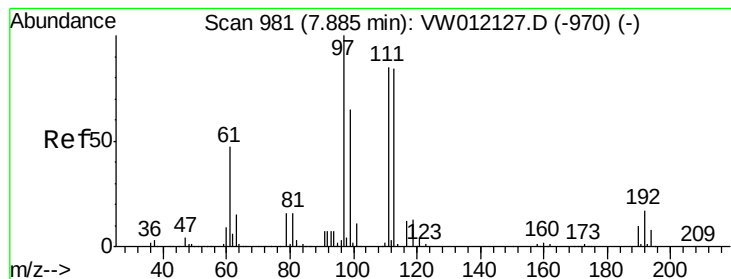
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	393138		
63	25.2	0.0	48.6	
88	17.3	0.0	32.2	





#35

Dibromofluoromethane

Concen: 47.324 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS03

Tot Ion:113 Resp: 111052

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

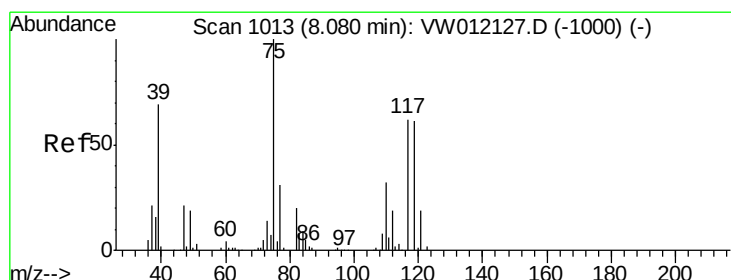
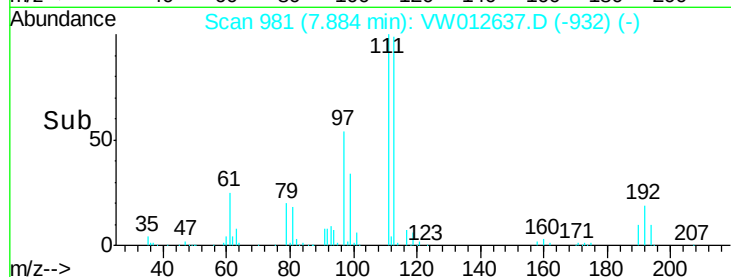
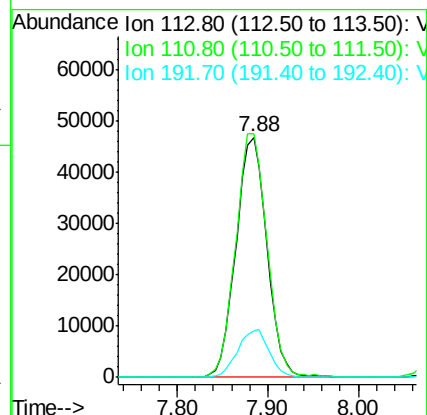
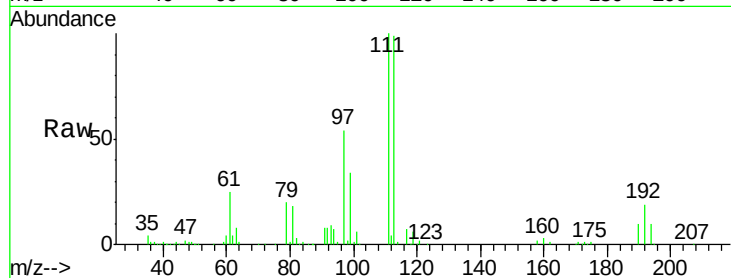
192 20.2 16.2 24.2

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#36

1,1-Dichloropropene

Concen: 22.626 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

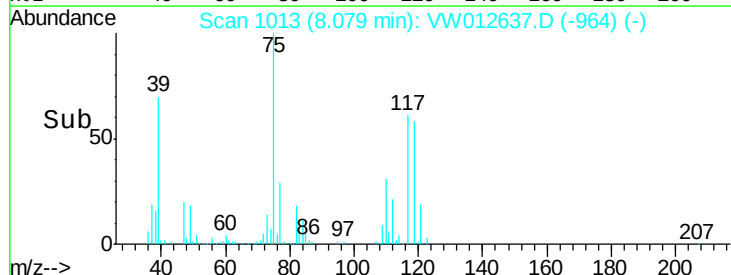
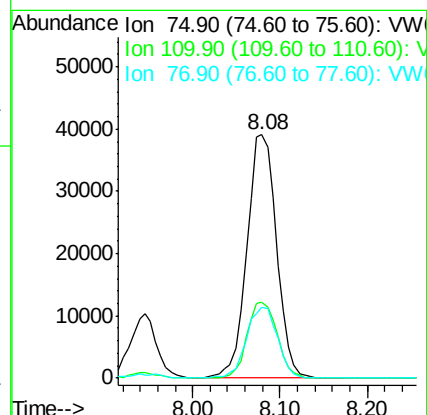
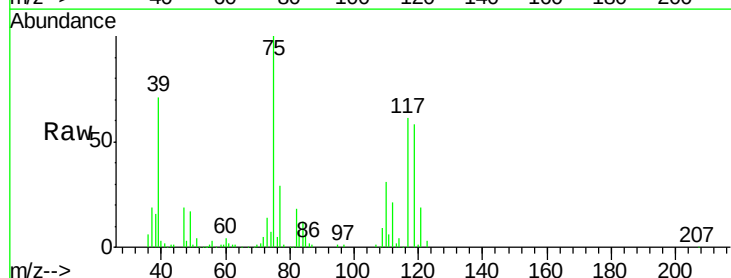
Tgt Ion: 75 Resp: 91919

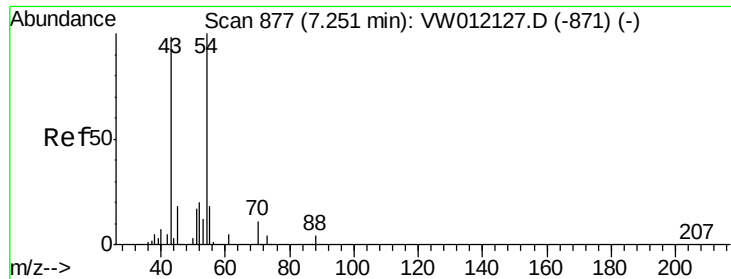
Ion Ratio Lower Upper

75 100

110 31.6 15.6 46.8

77 30.6 24.6 36.8





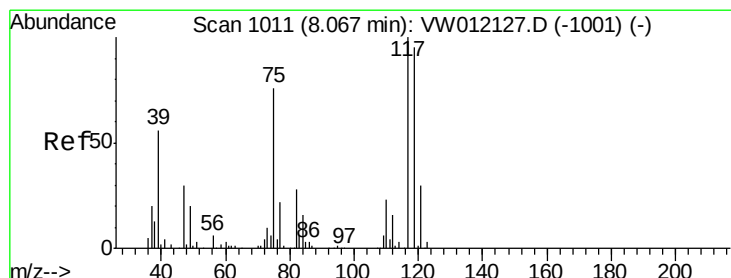
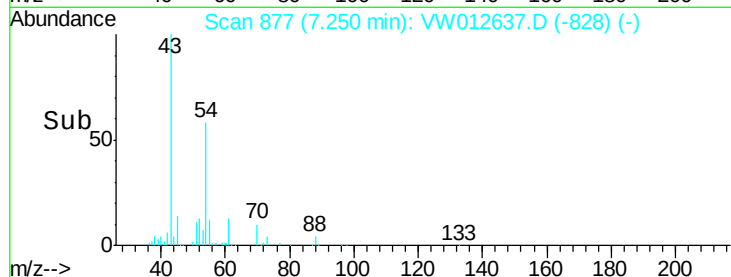
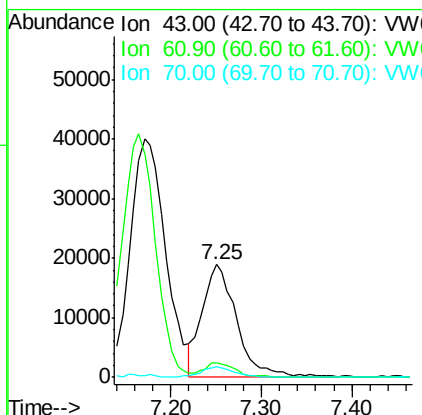
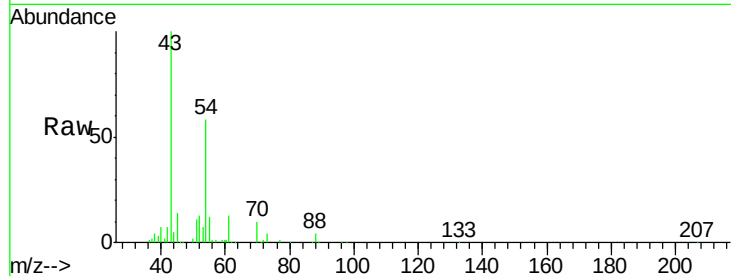
#37
Ethyl Acetate
Concen: 22.256 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.2	13.8
70	9.4	6.9	10.3

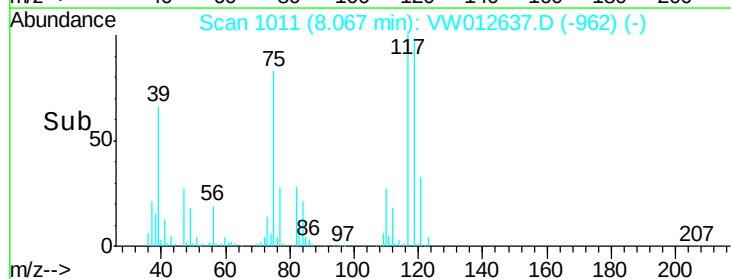
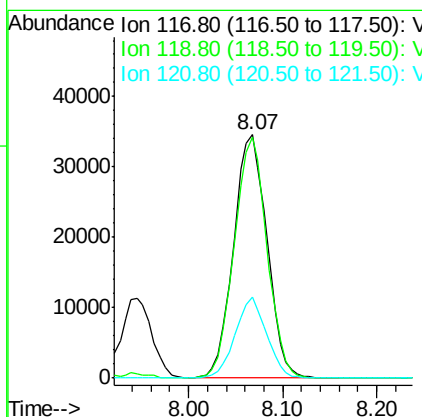
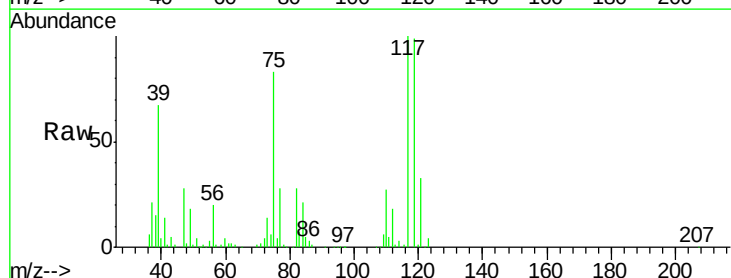
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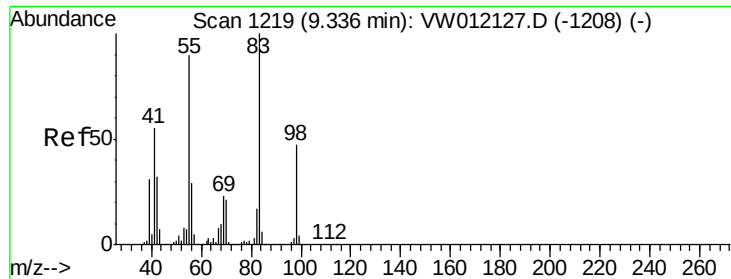
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#38
Carbon Tetrachloride
Concen: 24.338 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.2	114.2
121	33.1	23.8	35.8





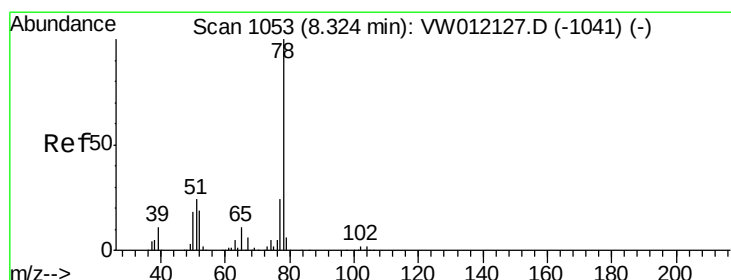
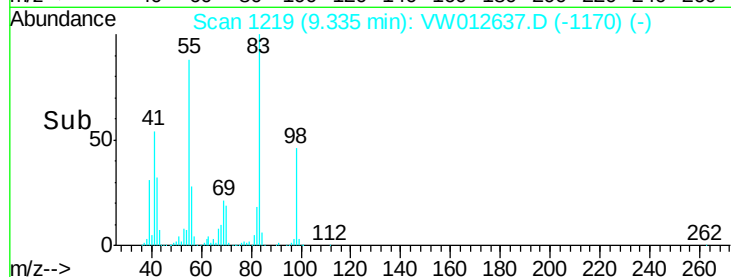
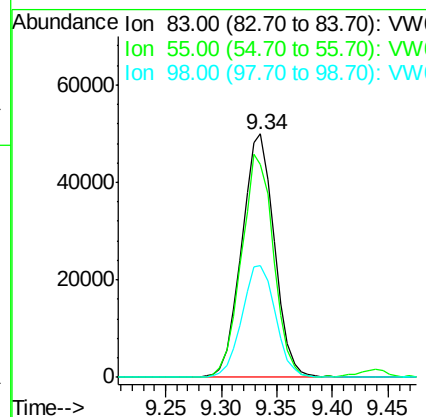
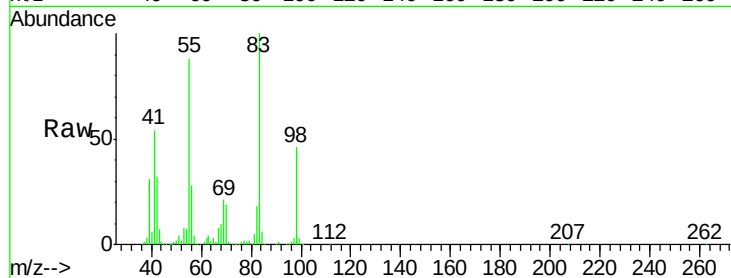
#39
Methylvlcyclohexane
Concen: 22.267 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.5	71.8	107.8
98	45.9	37.8	56.8

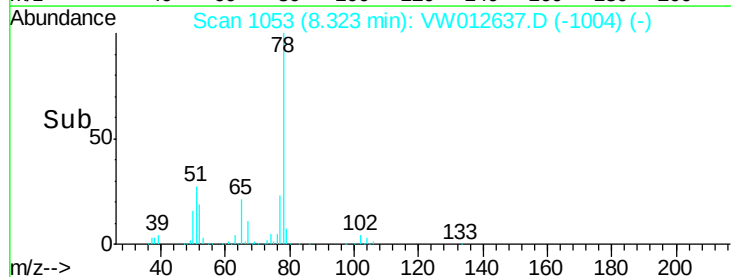
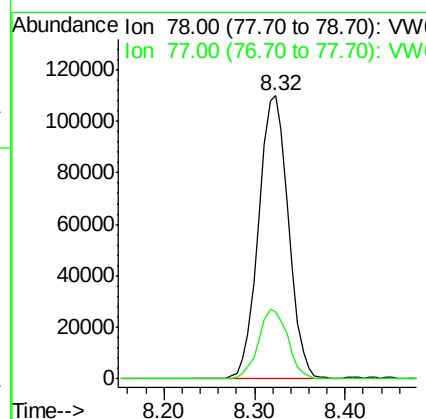
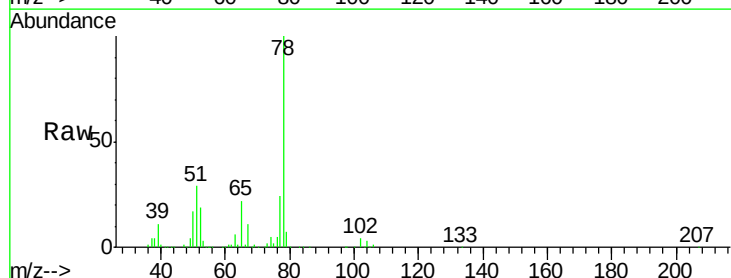
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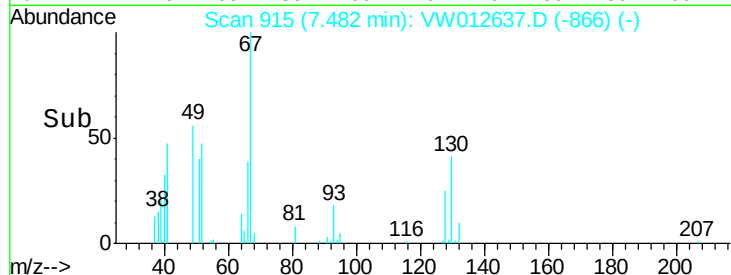
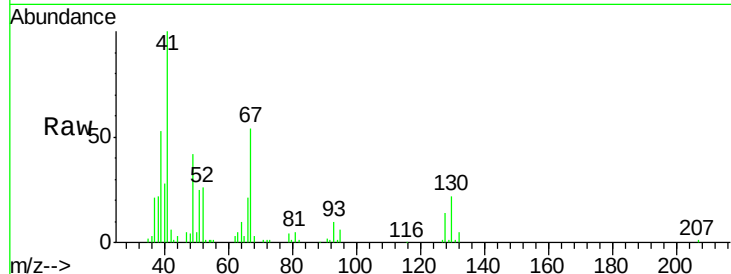
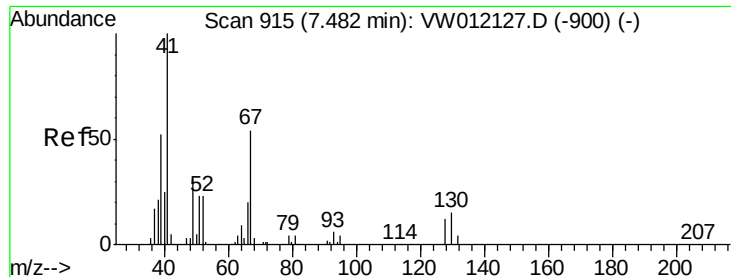
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#40
Benzene
Concen: 22.561 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.5	29.3





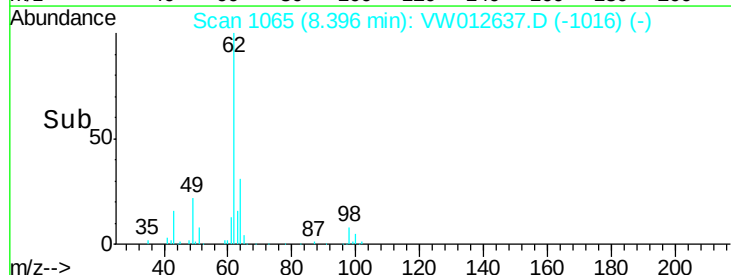
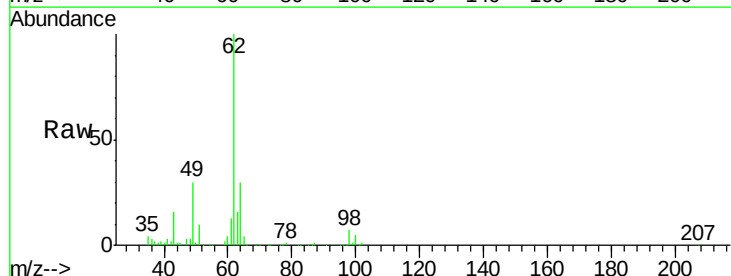
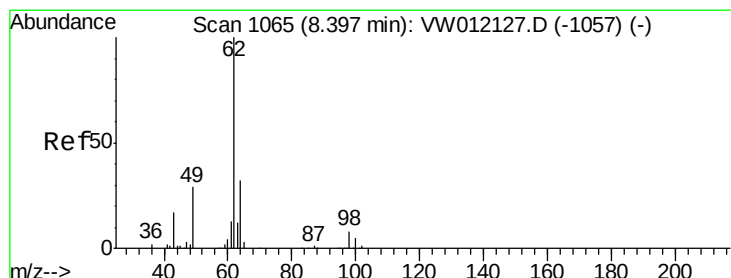
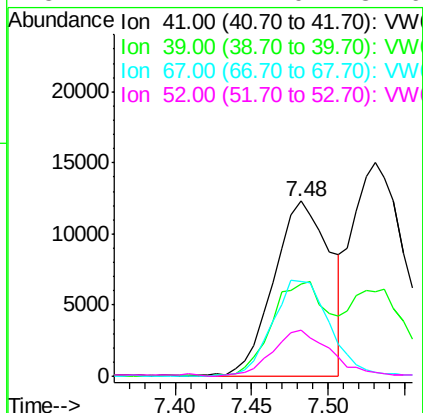
#41
Methacrylonitrile
Concen: 24.279 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tot Ion	41	Resp	31768
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.8	68.8
67	56.0	46.2	69.4
52	27.2	21.0	31.6

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

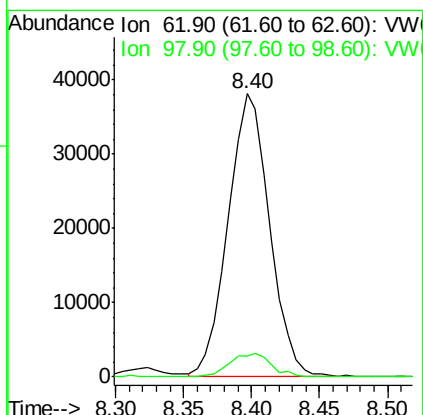
Manual Integrations
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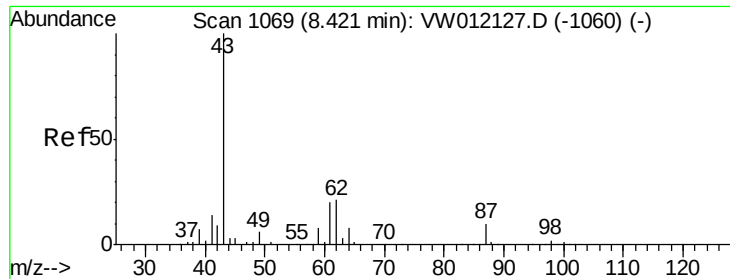
MMDadoda
9/6/2019 12:29:26 PM



#42
1,2-Dichloroethane
Concen: 23.205 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	62	Resp	80679
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 22.462 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

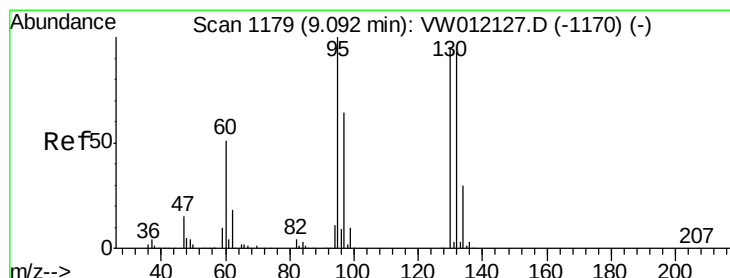
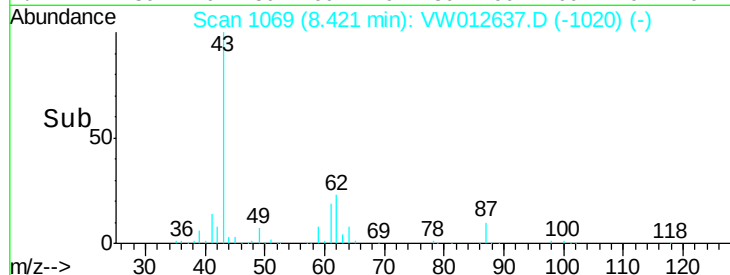
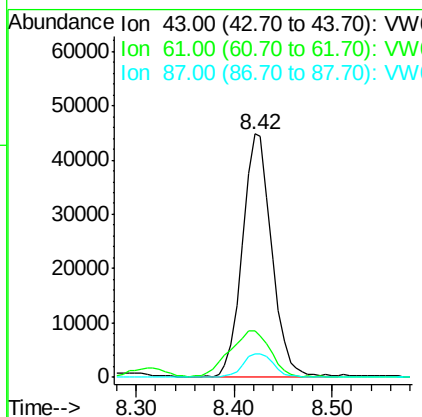
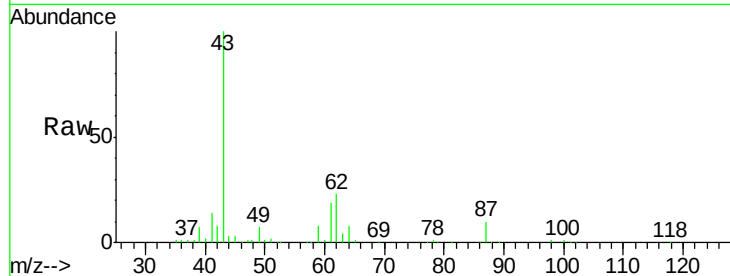
ClientSampleId :

VW0905SBS03

Tot Ion:	43	Resp:	92629
Ion	Ratio	Lower	Upper
43	100		
61	27.4	21.1	31.7
87	10.3	8.2	12.2

Manual Integrations
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#44

Trichloroethene

Concen: 23.494 ug/l

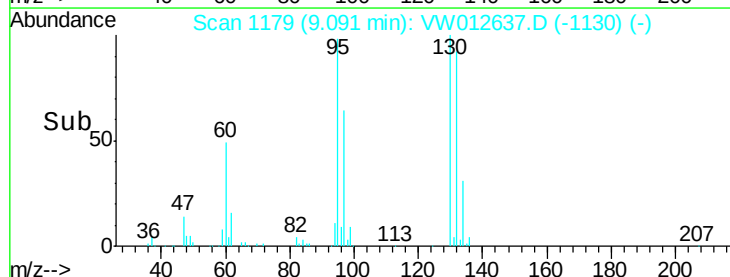
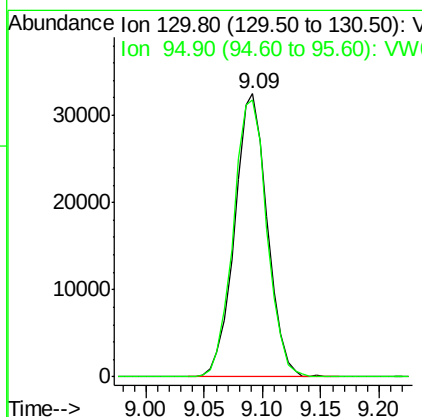
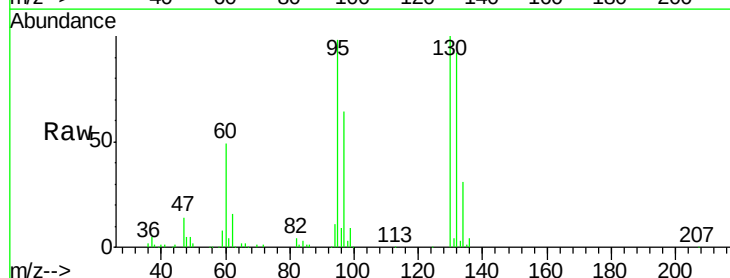
RT: 9.09 min Scan# 1179

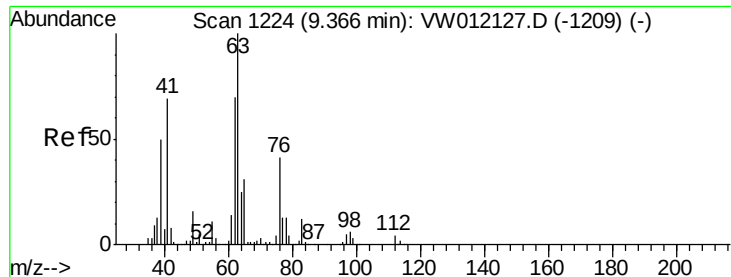
Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion:	130	Resp:	63357
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	210.6





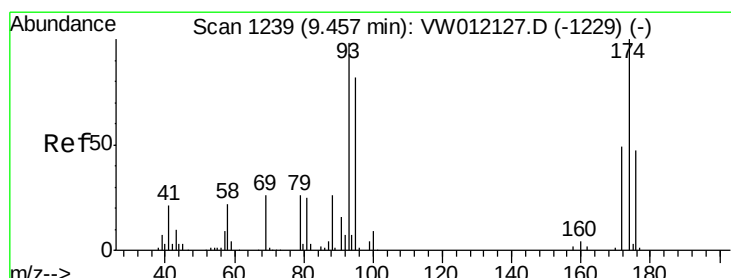
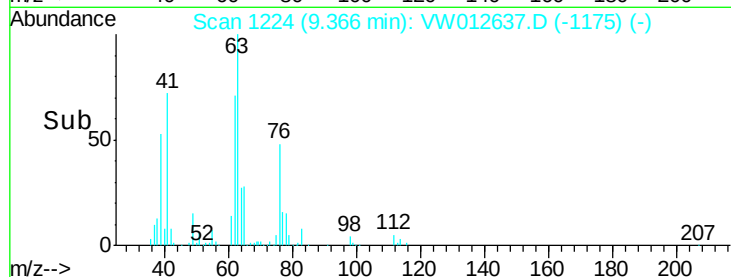
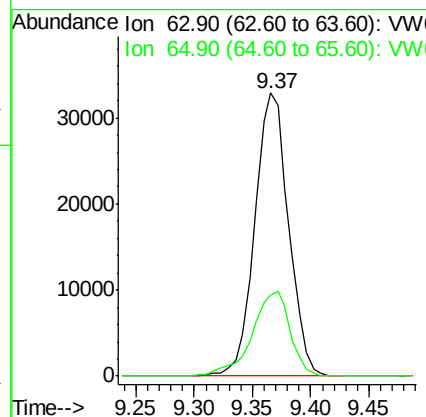
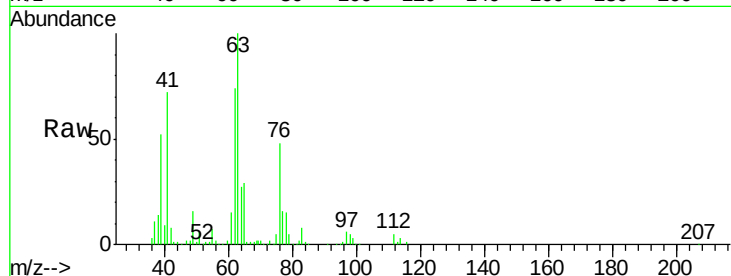
#45
 1,2-Dichloropropane
 Concen: 22.197 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS03

Tot Ion: 63 Resp: 66269
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.0 37.4

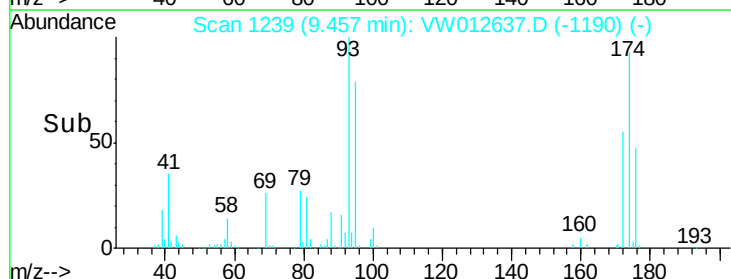
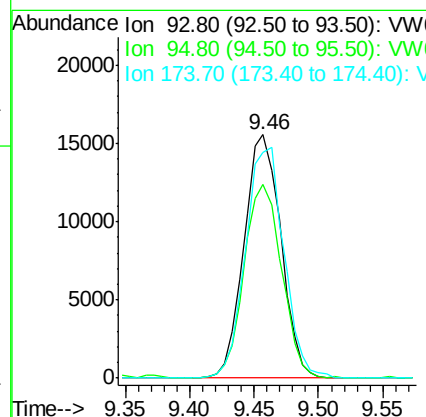
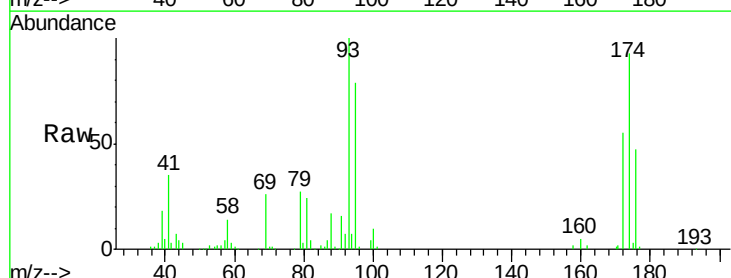
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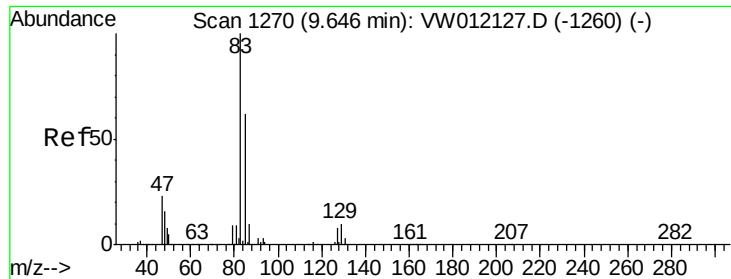
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#46
 Dibromomethane
 Concen: 23.212 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Tgt Ion: 93 Resp: 30834
 Ion Ratio Lower Upper
 93 100
 95 81.5 67.2 100.8
 174 98.6 79.0 118.6





#47

Bromodichloromethane

Concen: 23.329 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

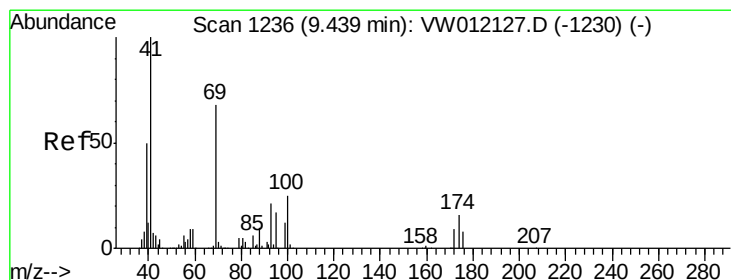
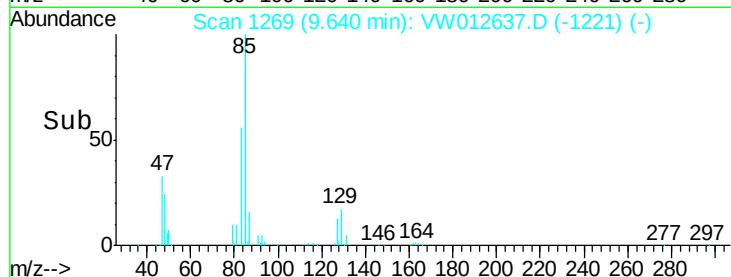
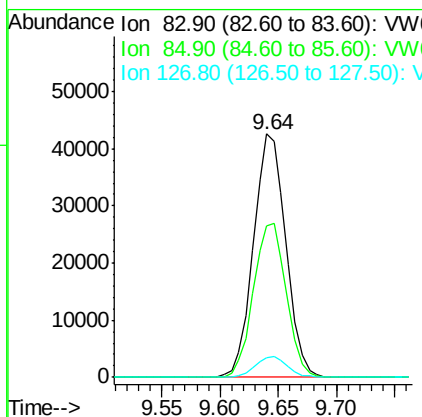
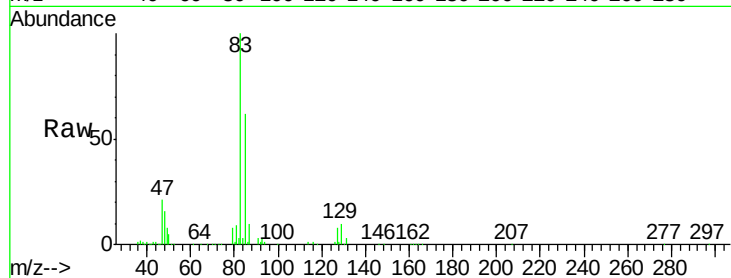
ClientSampleId :

VW0905SBS03

Tot Ion:	83	Resp:	82477
Ion	Ratio	Lower	Upper
83	100		
85	62.2	49.4	74.2
127	8.2	6.1	9.1

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#48

Methyl methacrylate

Concen: 21.928 ug/l

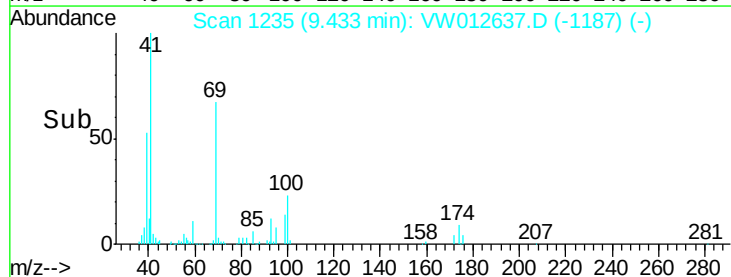
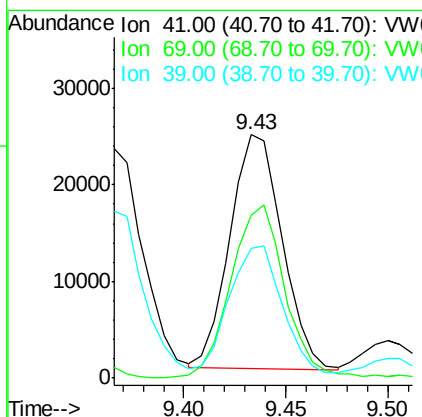
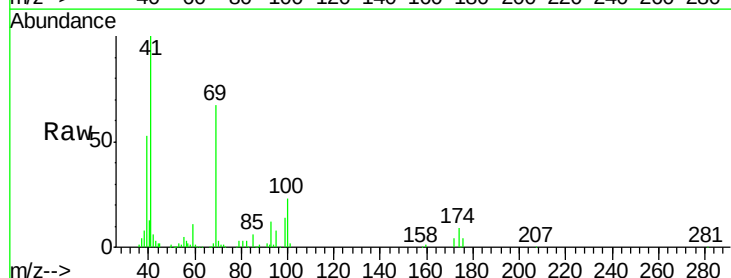
RT: 9.43 min Scan# 1235

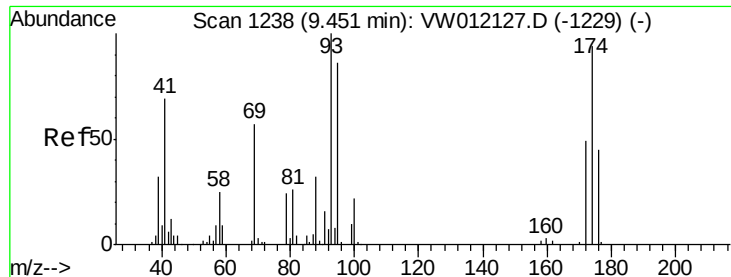
Delta R.T. -0.01 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion:	41	Resp:	43037
Ion	Ratio	Lower	Upper
41	100		
69	77.8	56.7	85.1
39	54.9	42.0	63.0





#49

1,4-Dioxane

Concen: 430.821 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.02 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

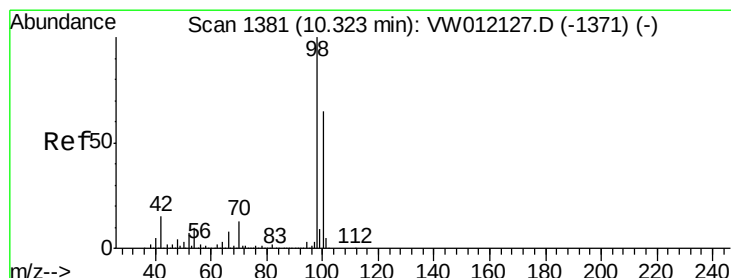
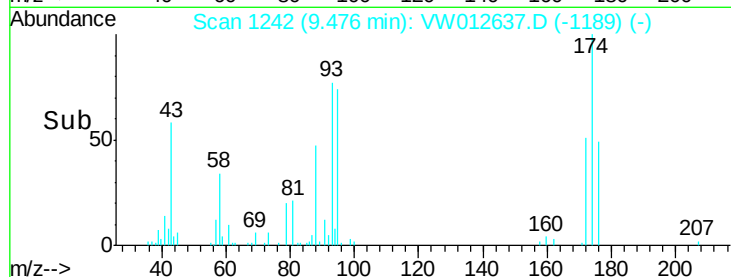
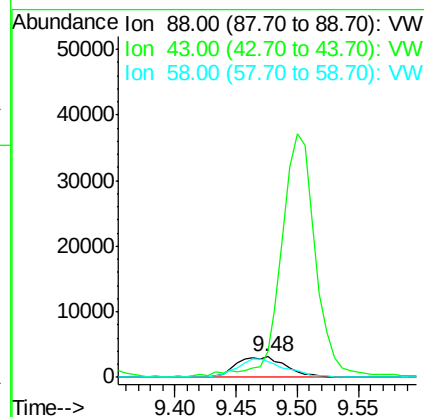
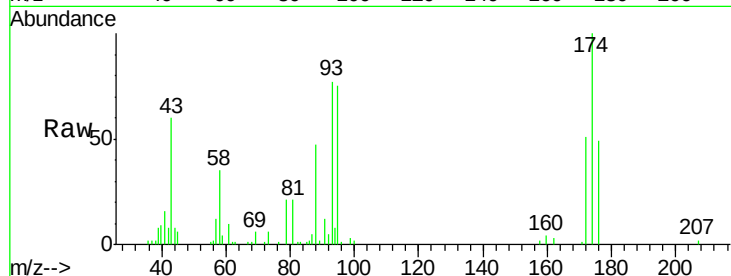
ClientSampled :

VW0905SBS03

Tot Ion	88	Resp	8761
Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	88.0	71.0	106.4

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#50

Toluene-d8

Concen: 46.031 ug/l

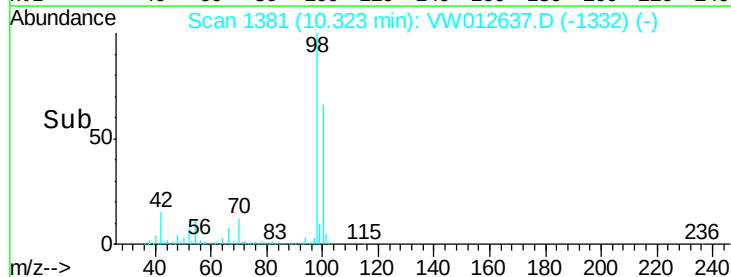
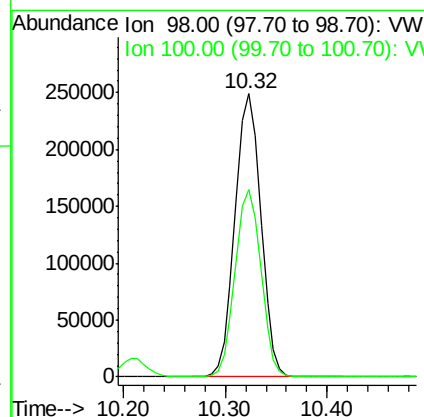
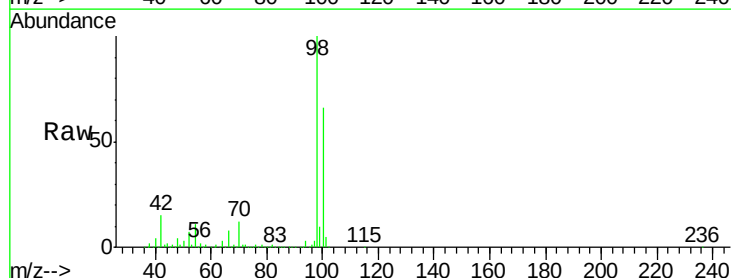
RT: 10.32 min Scan# 1381

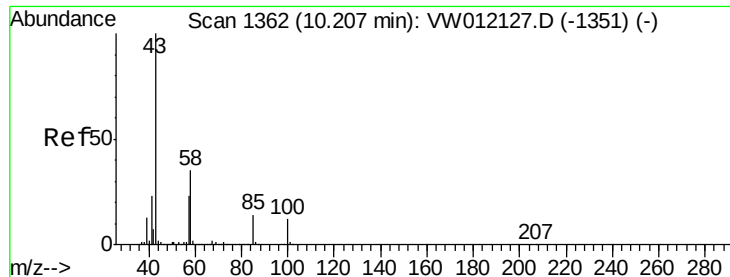
Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion	98	Resp	437981
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





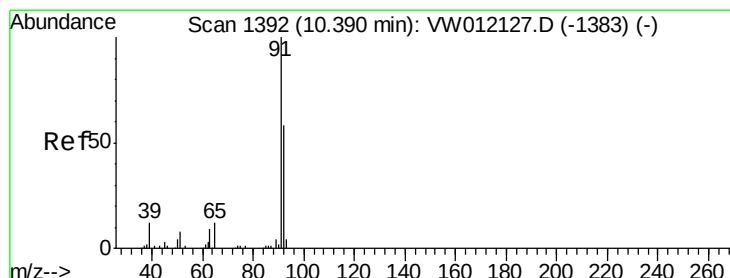
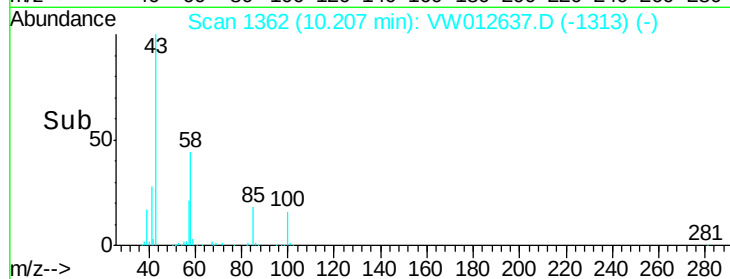
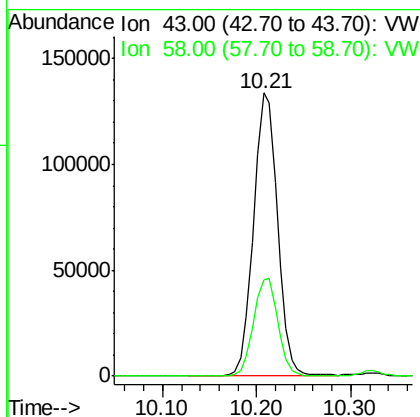
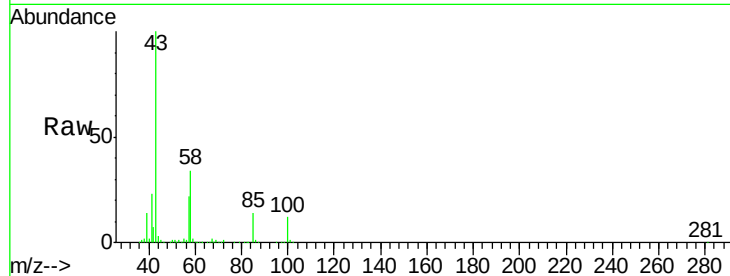
#51
 4-Methyl-2-Pentanone
 Concen: 113.586 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Instrument :
 MSVOA_W
 ClientSampled :
 VW0905SBS03

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.2	42.2

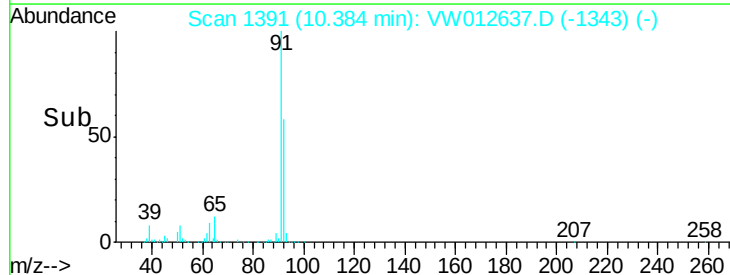
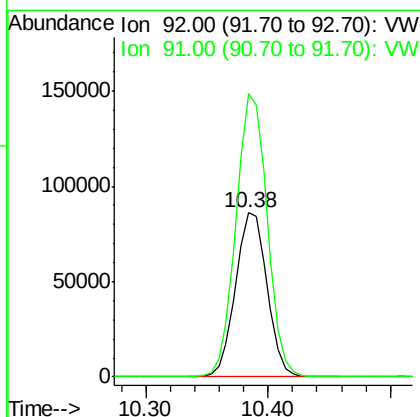
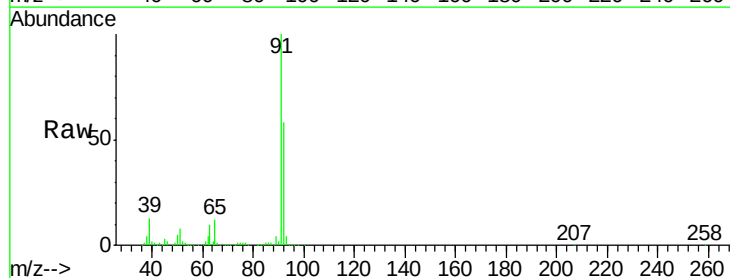
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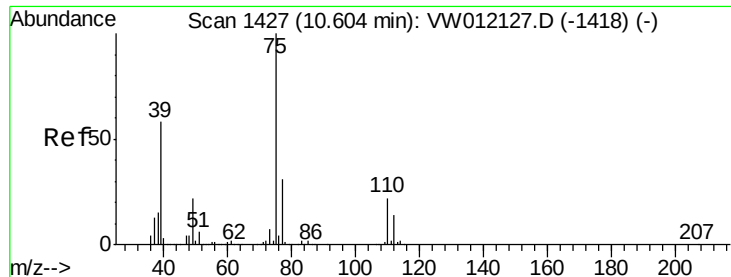
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#52
 Toluene
 Concen: 22.890 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.3	136.6	204.8





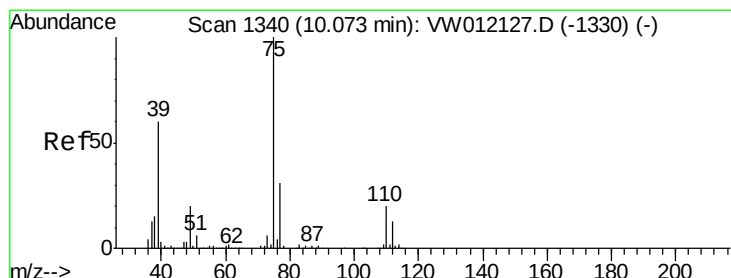
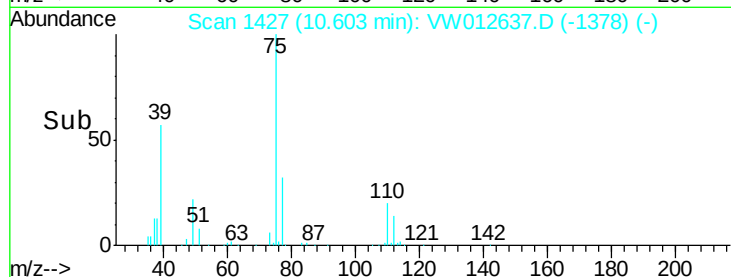
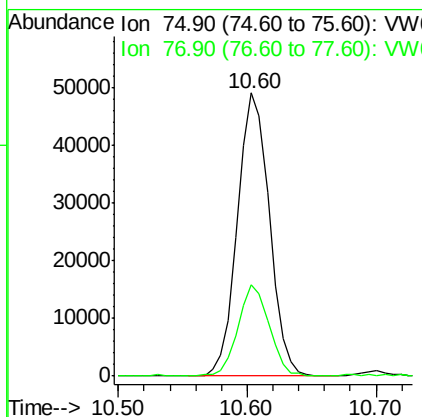
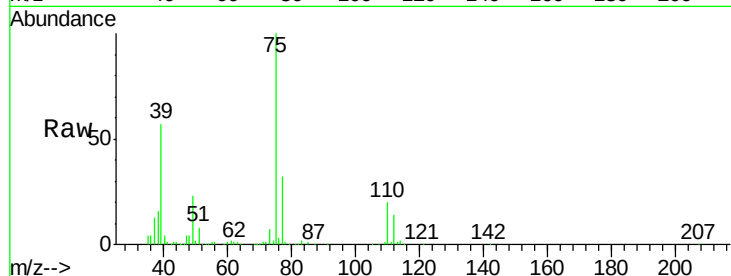
#53
t-1,3-Dichloropropene
Concen: 23.424 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS03

Tot Ion	75	Resp	84354
Ion Ratio	Lower	Upper	
75	100		
77	31.9	25.0	37.4

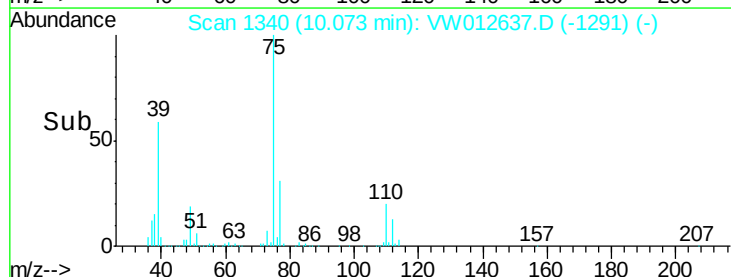
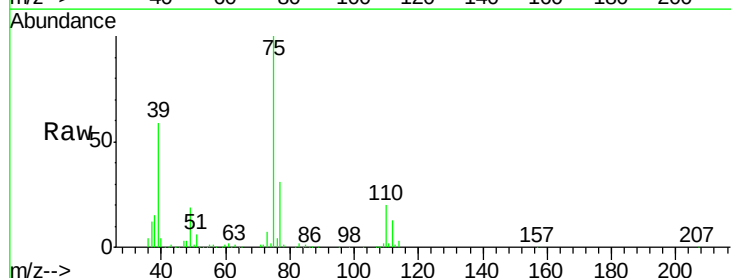
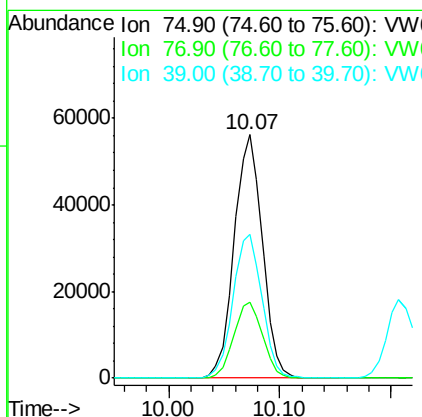
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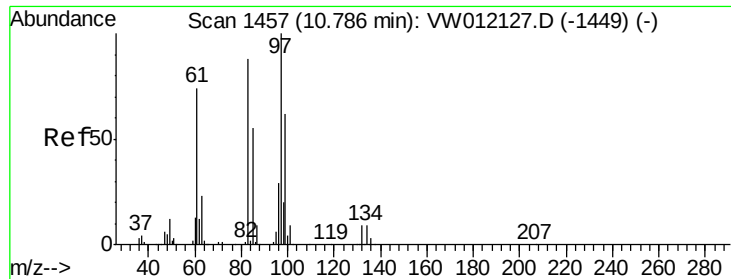
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#54
cis-1,3-Dichloropropene
Concen: 22.706 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	75	Resp	98729
Ion Ratio	Lower	Upper	
75	100		
77	31.1	25.1	37.7
39	58.7	48.3	72.5





#55

1,1,2-Trichloroethane

Concen: 23.700 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

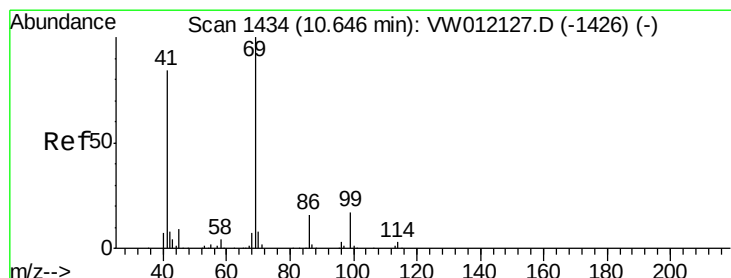
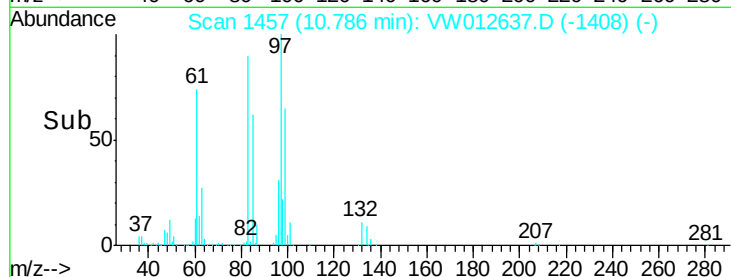
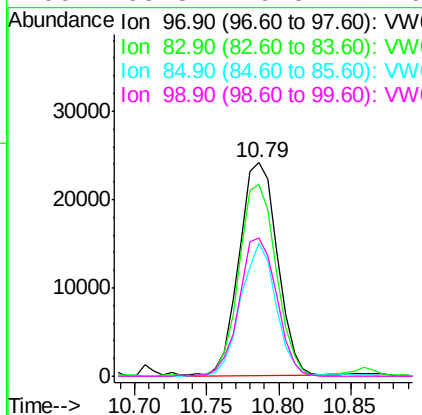
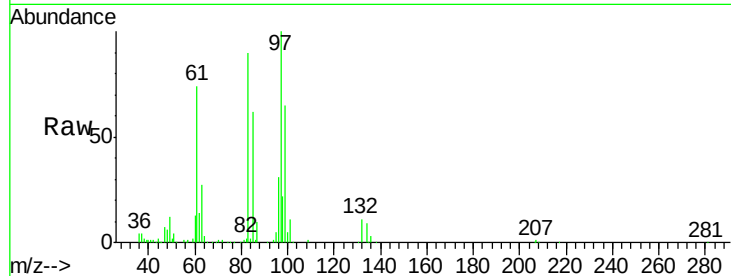
ClientSampled :

VW0905SBS03

Tot Ion:	97	Resp:	44543
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.8	106.2
85	62.7	43.8	65.8
99	65.3	49.8	74.6

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#56

Ethyl methacrylate

Concen: 22.837 ug/l

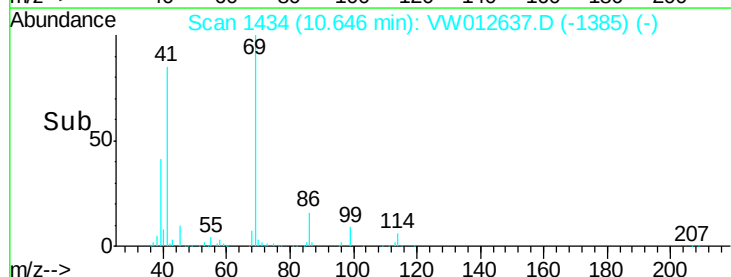
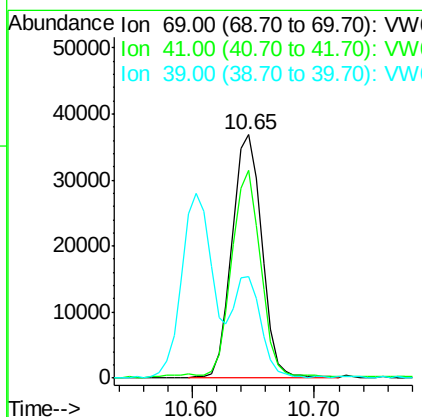
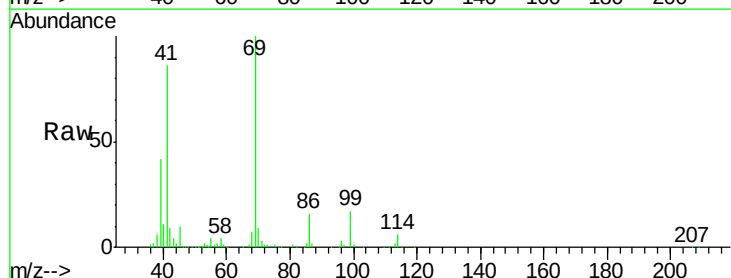
RT: 10.65 min Scan# 1434

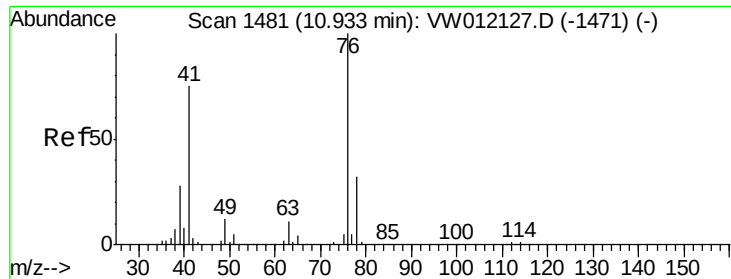
Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion:	69	Resp:	62467
Ion	Ratio	Lower	Upper
69	100		
41	84.0	66.5	99.7
39	37.1	31.0	46.4





#57

1,3-Dichloropropane

Concen: 23.184 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS03

Tot Ion: 76 Resp: 82341

Ion Ratio Lower Upper

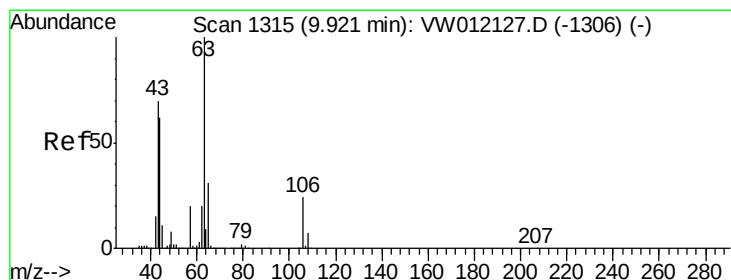
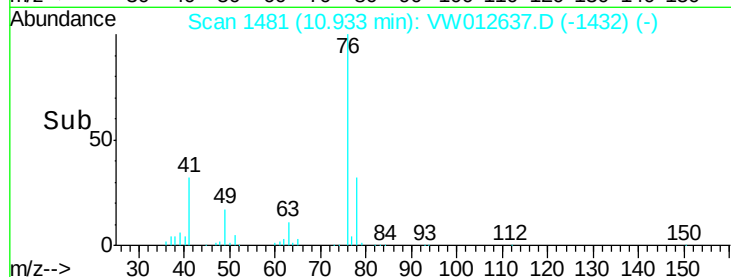
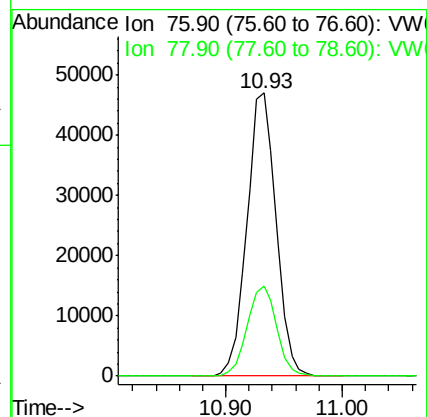
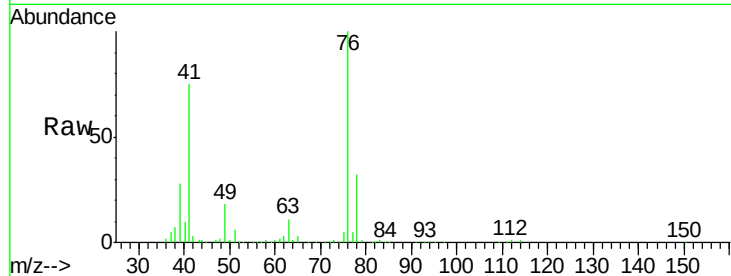
76 100

78 32.2 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 109.184 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012637.D

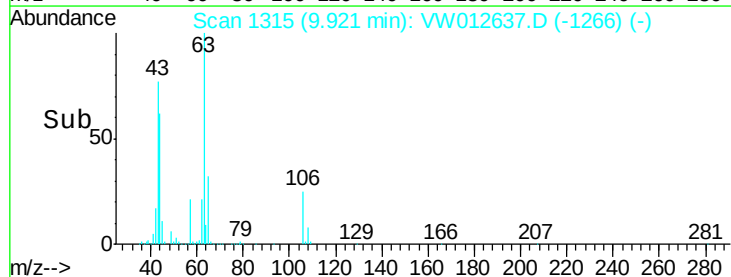
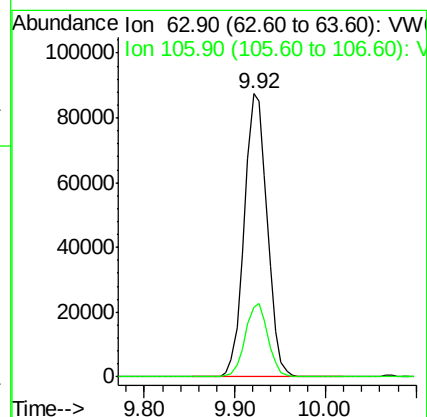
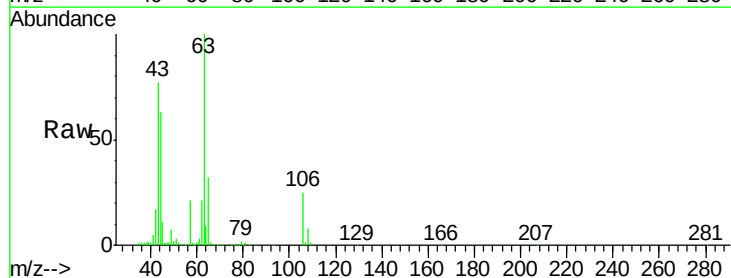
Acq: 05 Sep 2019 13:32

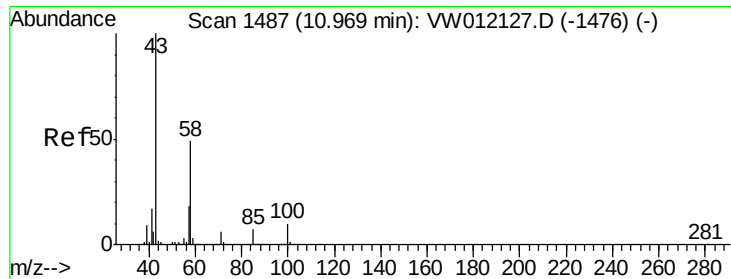
Tgt Ion: 63 Resp: 153278

Ion Ratio Lower Upper

63 100

106 25.5 19.8 29.8





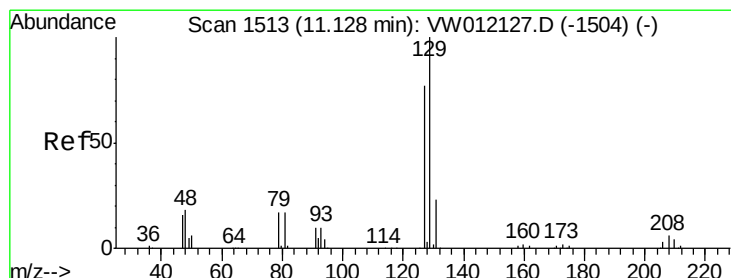
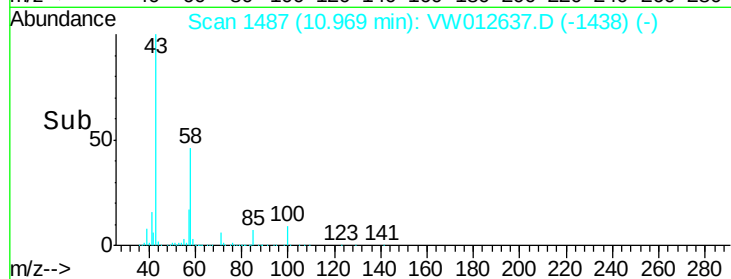
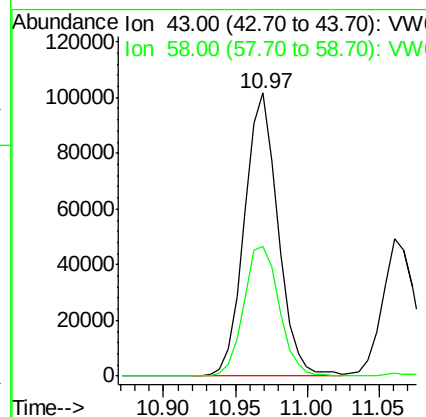
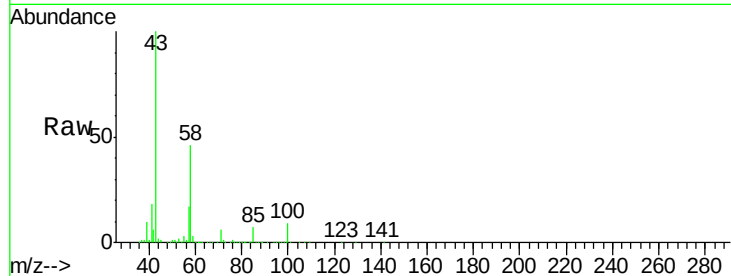
#59
2-Hexanone
Concen: 110.719 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.4	24.3	72.9

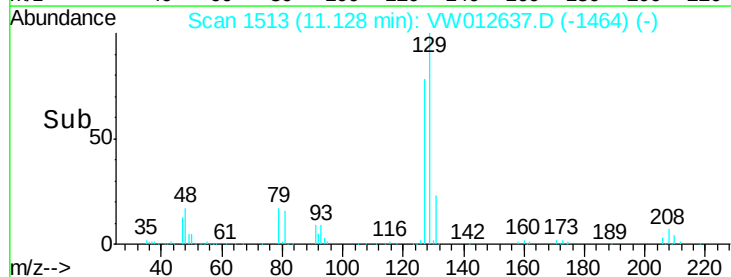
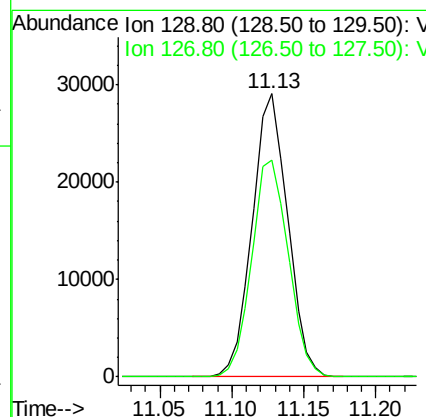
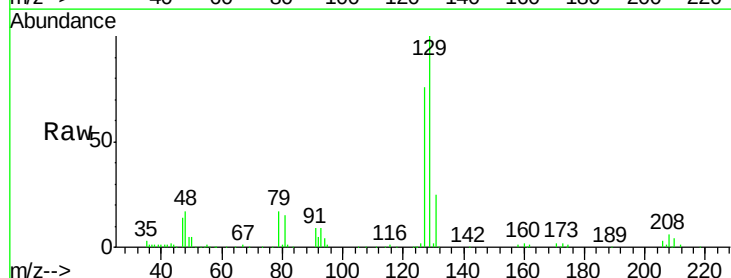
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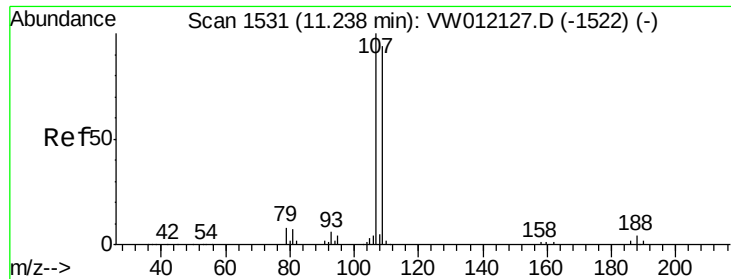
MMDadoda
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#60
Dibromochloromethane
Concen: 23.632 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.6	115.8





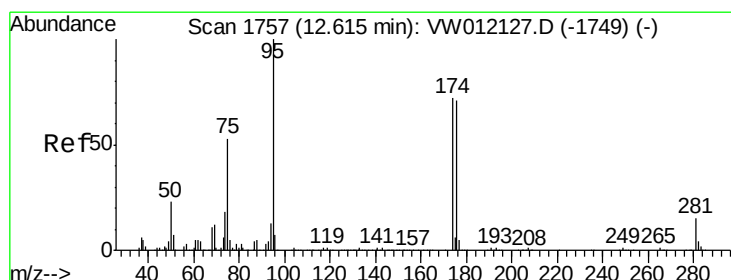
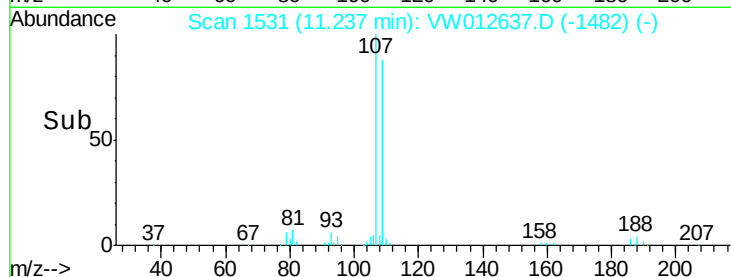
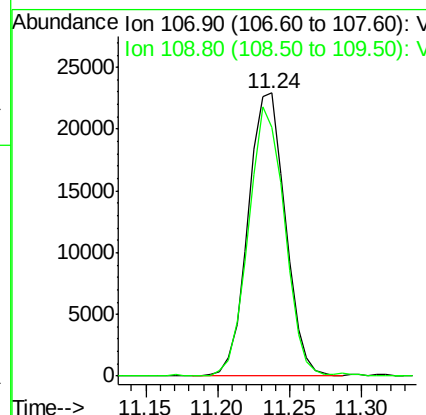
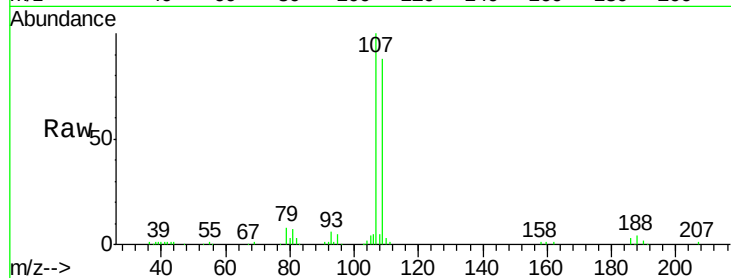
#61
 1,2-Dibromoethane
 Concen: 23.401 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Instrument :
 MSVOA_W
 ClientSampled :
 VW0905SBS03

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.1	75.4	113.2

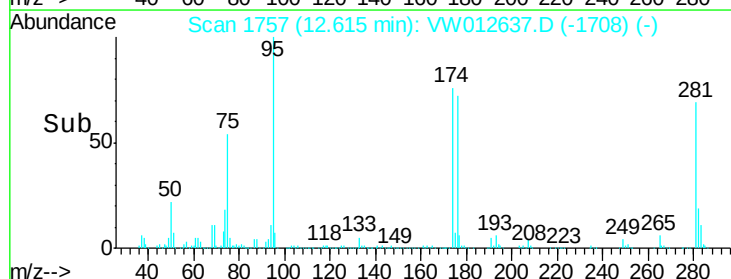
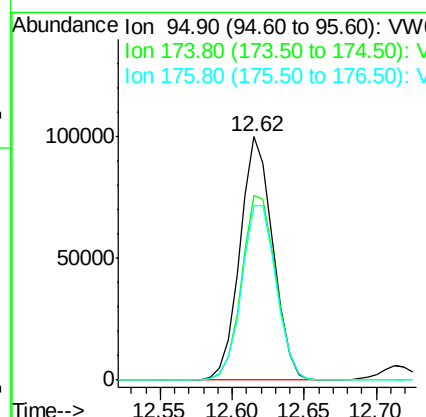
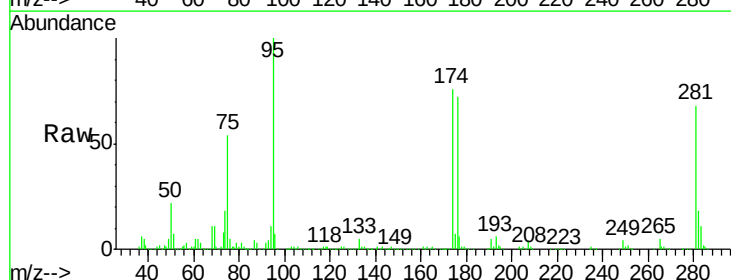
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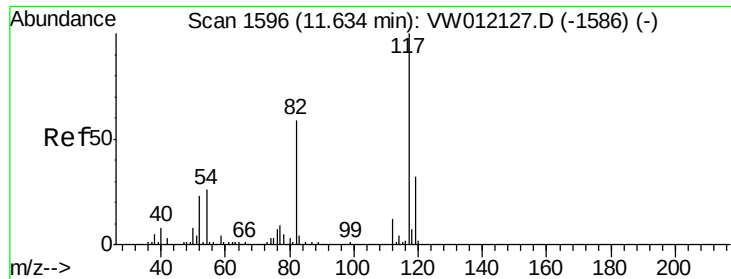
MMDadoda
 9/6/2019 12:29:26 PM



#62
 4-Bromofluorobenzene
 Concen: 47.012 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	150.8
176	75.5	0.0	148.6





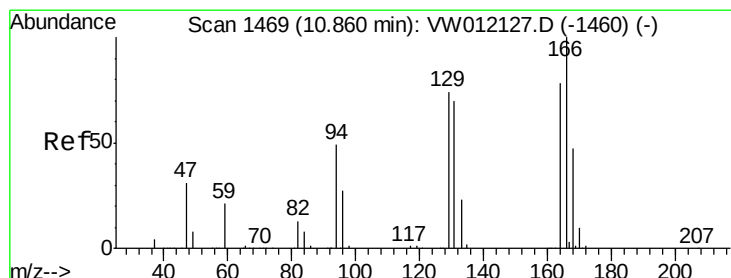
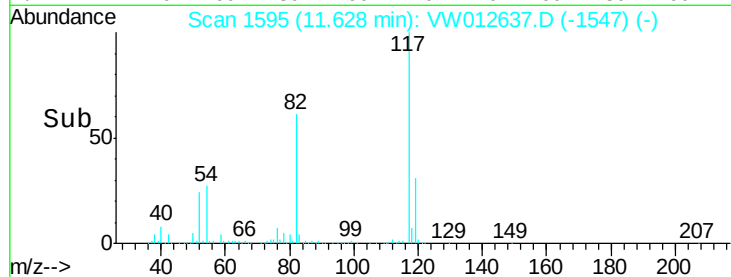
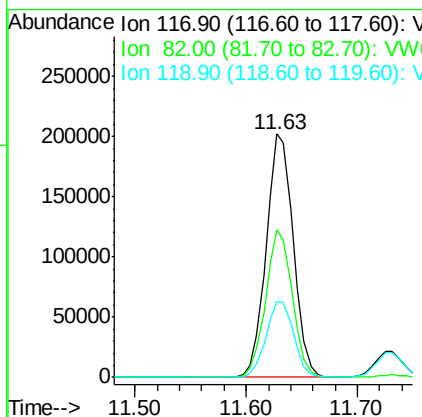
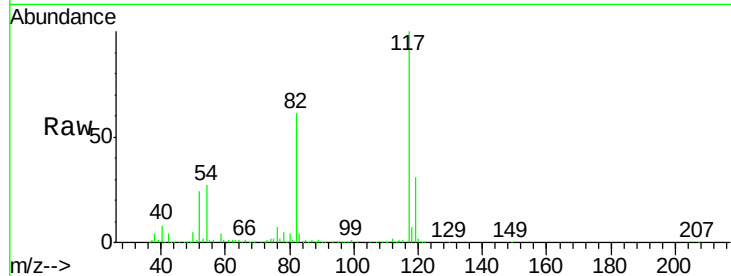
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	342270		
82	60.6	47.4	71.2	
119	31.0	25.4	38.2	

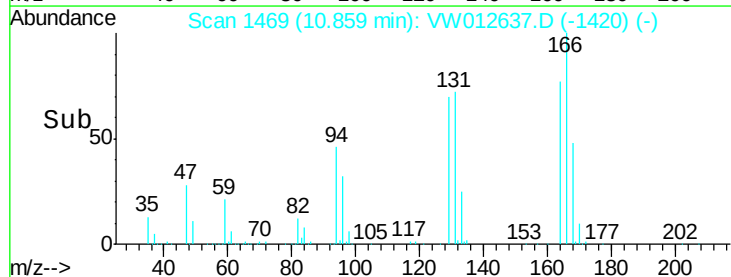
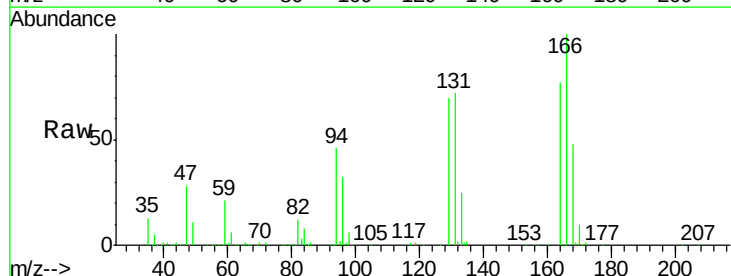
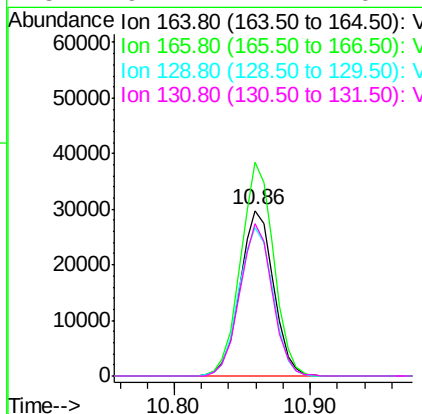
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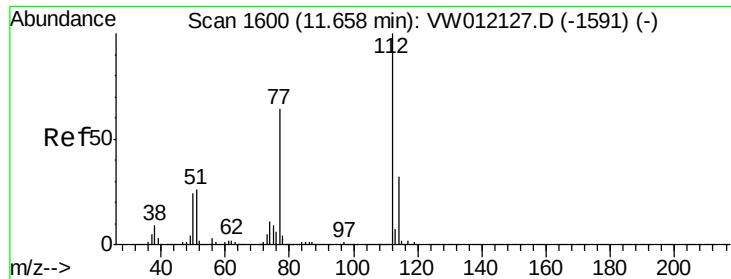
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#64
Tetrachloroethene
Concen: 22.996 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51028		
166	129.2	102.4	153.6	
129	89.9	75.8	113.6	
131	92.4	71.4	107.2	





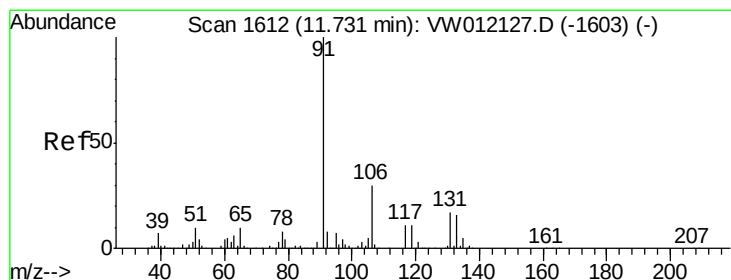
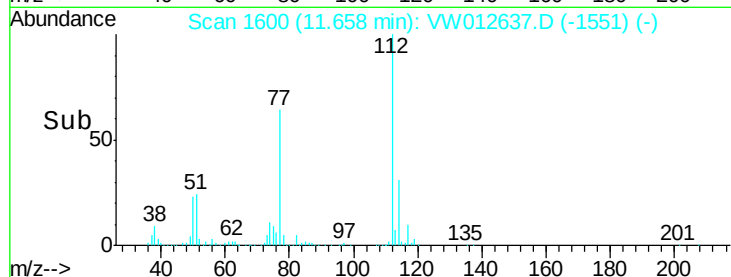
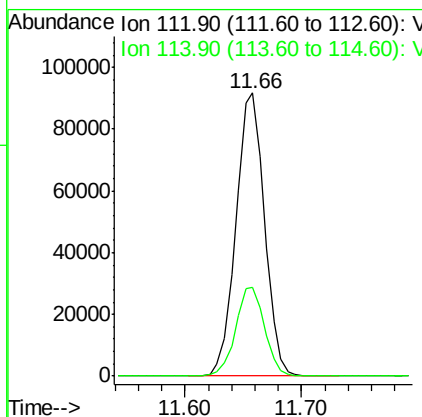
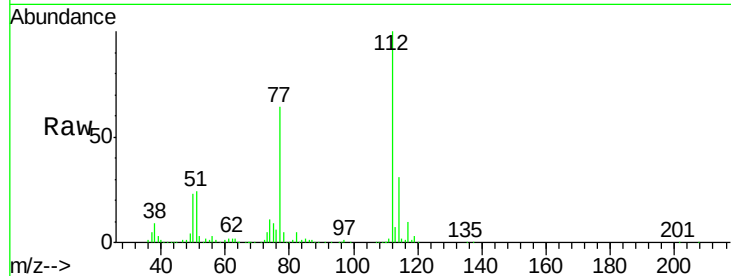
#65
Chlorobenzene
Concen: 23.288 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.8	38.6

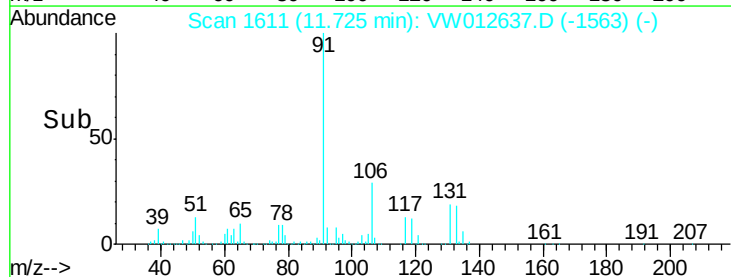
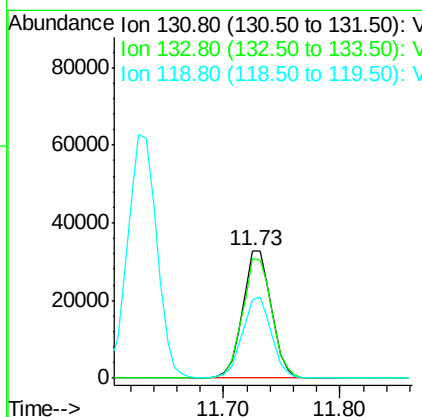
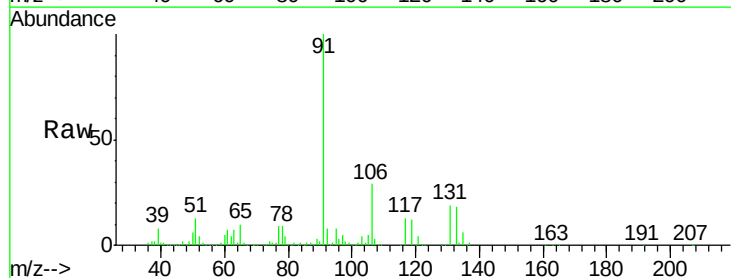
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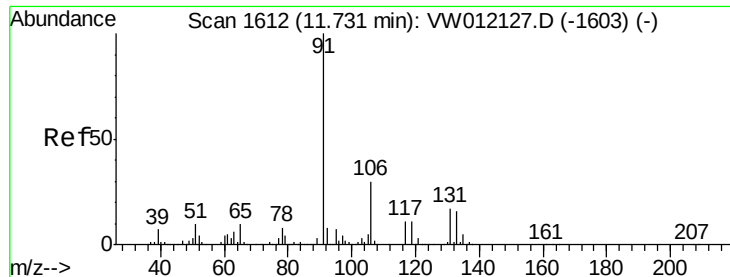
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 24.131 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.1	141.3
119	63.5	31.8	95.3





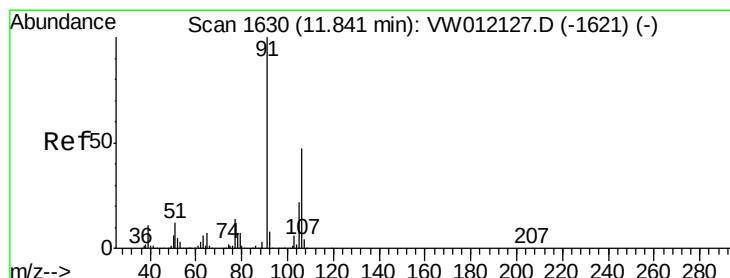
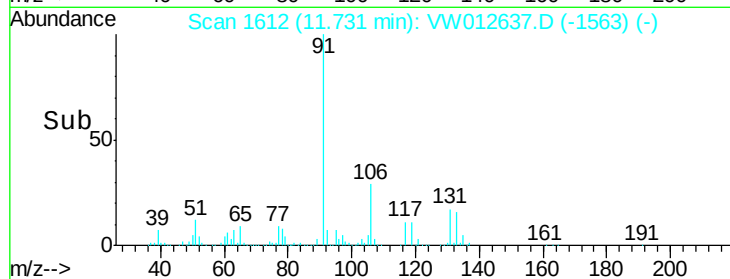
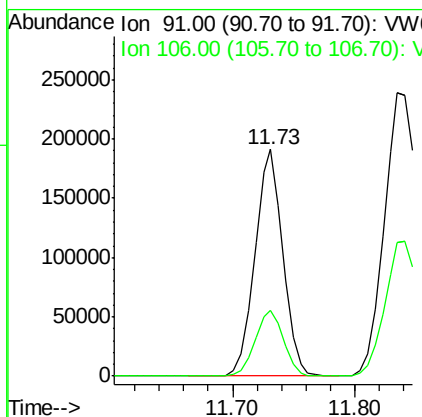
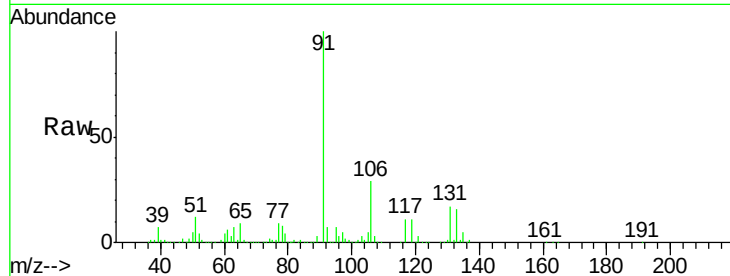
#67
Ethyl Benzene
Concen: 23.328 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
91	100		
106	28.8	24.3	36.5

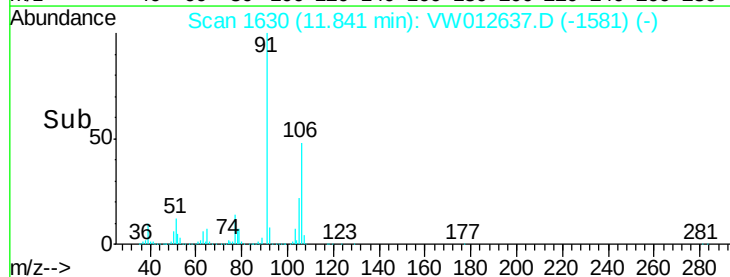
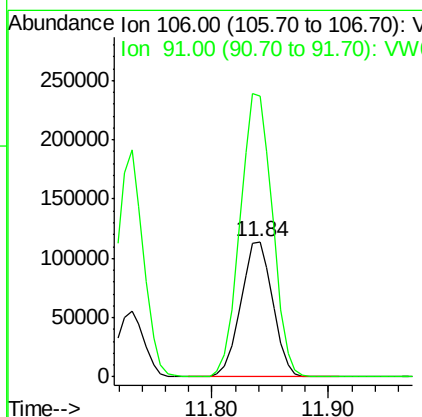
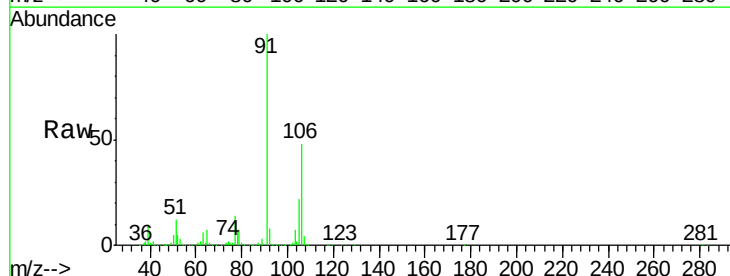
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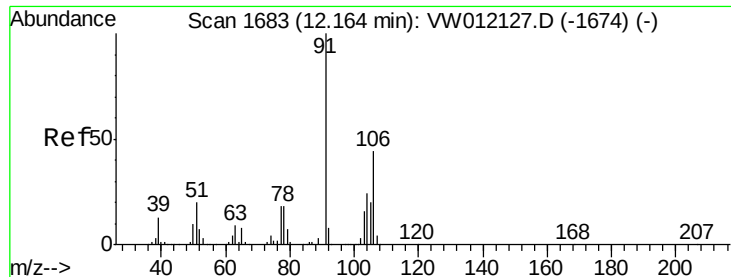
MMDadoda
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#68
m/p-Xylenes
Concen: 46.569 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.8	169.5	254.3





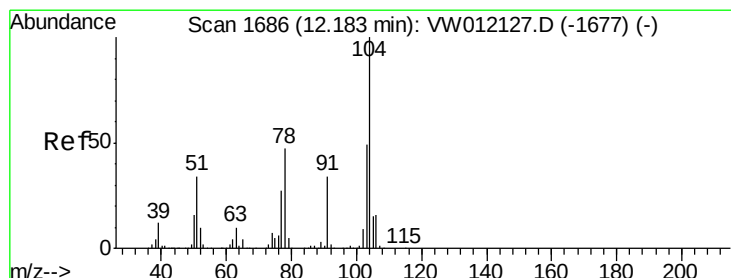
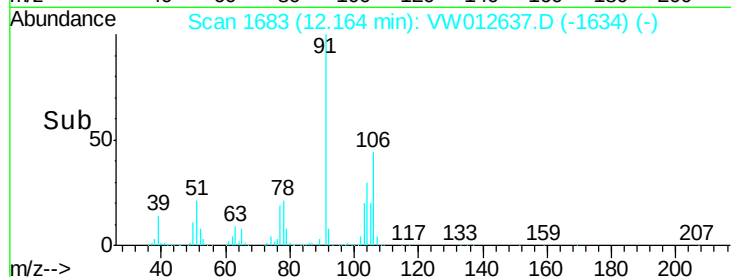
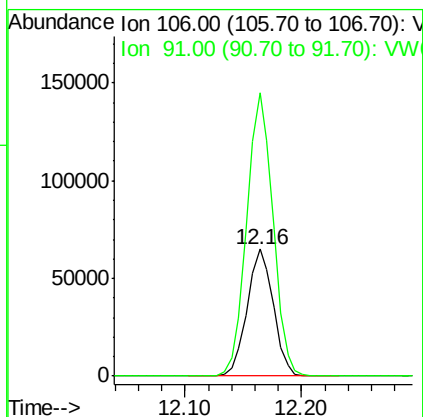
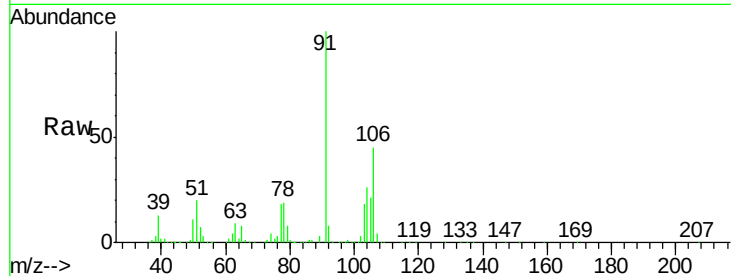
#69
o-Xylene
Concen: 23.679 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.1	111.6	334.6

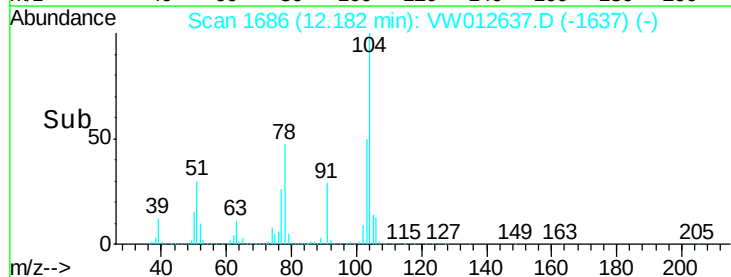
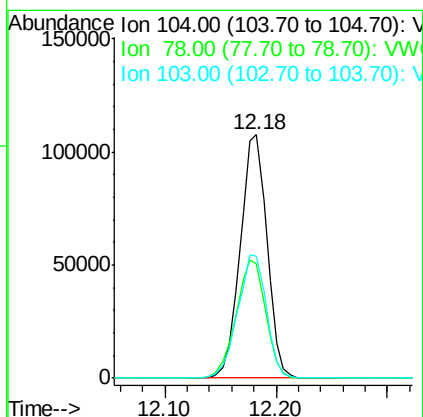
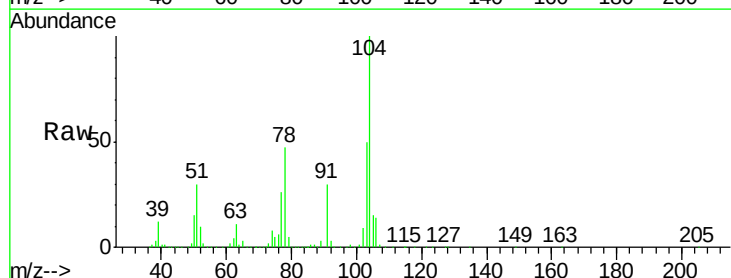
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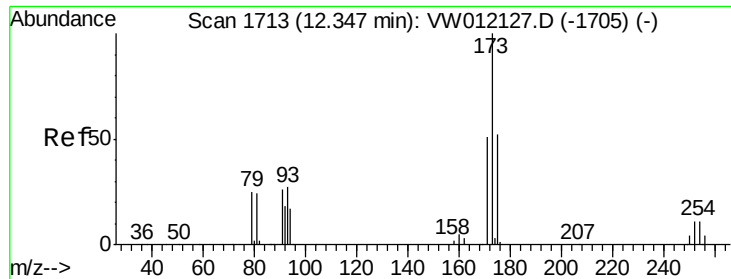
MMDadoda
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#70
Styrene
Concen: 23.937 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.7	43.1	64.7
103	54.4	43.5	65.3





#71

Bromoform

Concen: 24.457 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

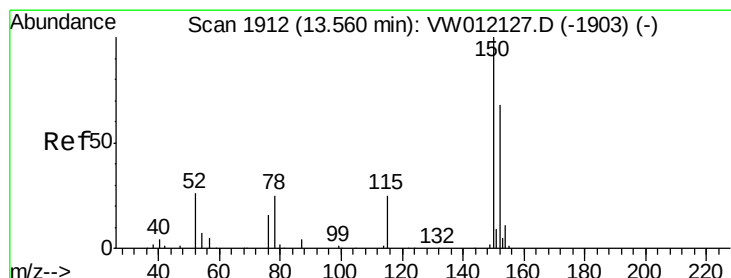
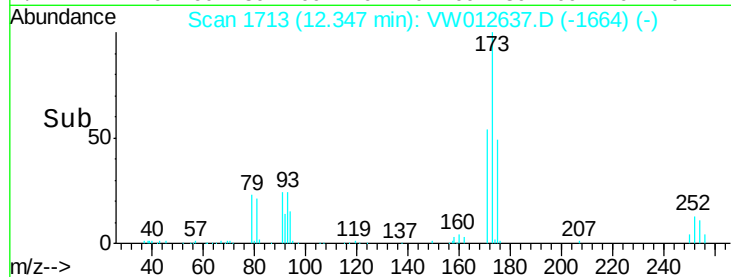
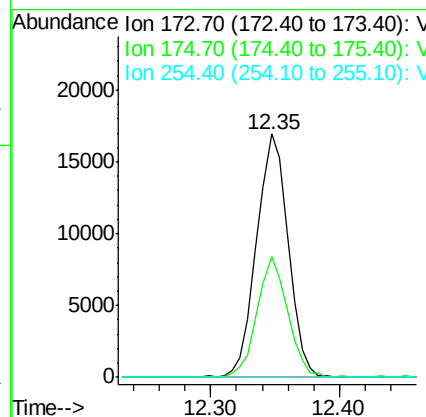
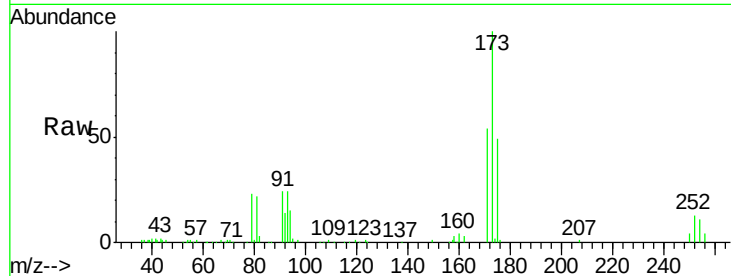
ClientSampleId :

VW0905SBS03

Tot Ion:	173	Resp:	28650
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.6	74.0
254	0.0	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

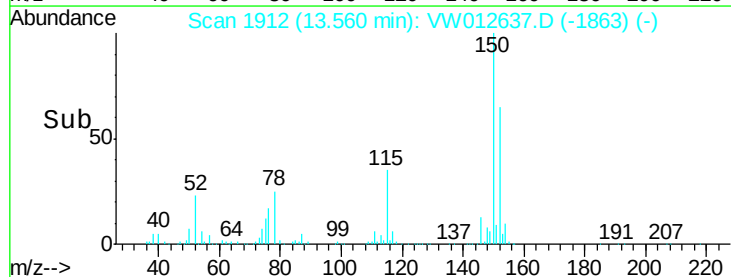
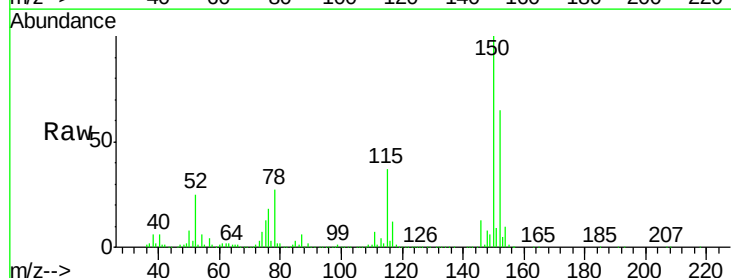
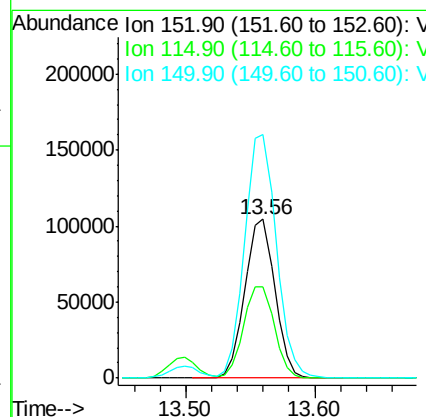
RT: 13.56 min Scan# 1912

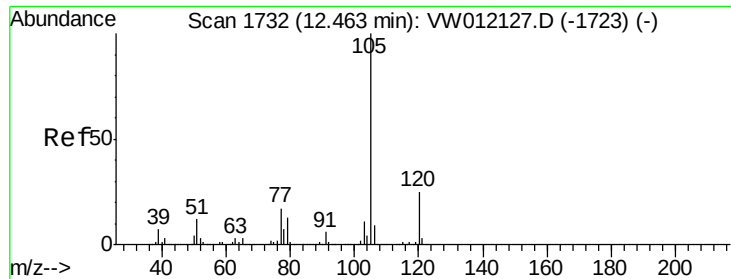
Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion:	152	Resp:	167507
Ion Ratio	Lower	Upper	
152	100		
115	59.2	30.1	90.3
150	162.6	0.0	345.8





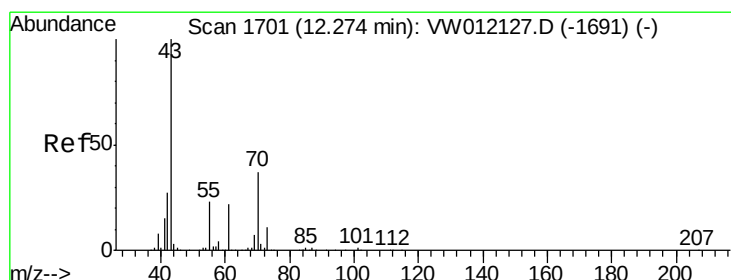
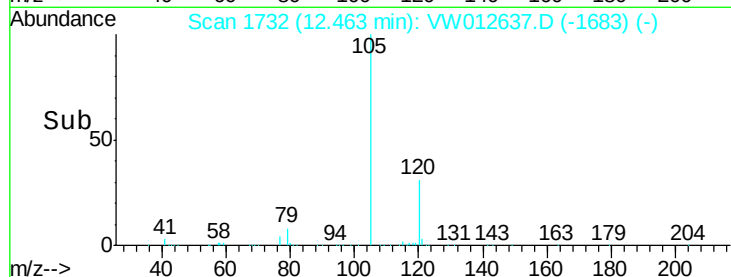
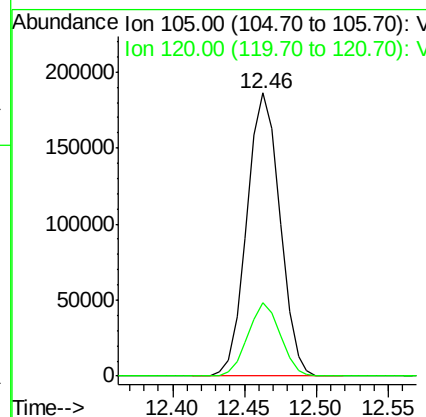
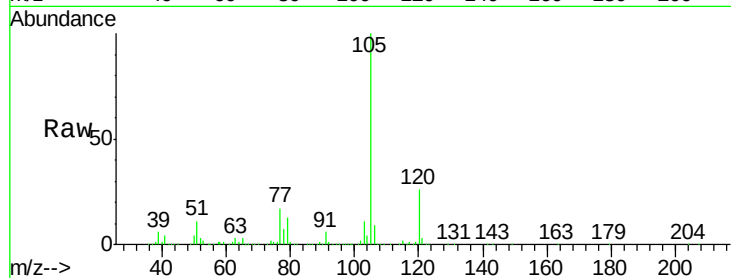
#73
Isopropylbenzene
Concen: 23.600 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.5	37.5

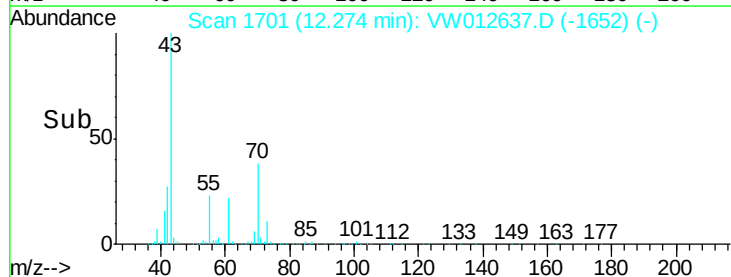
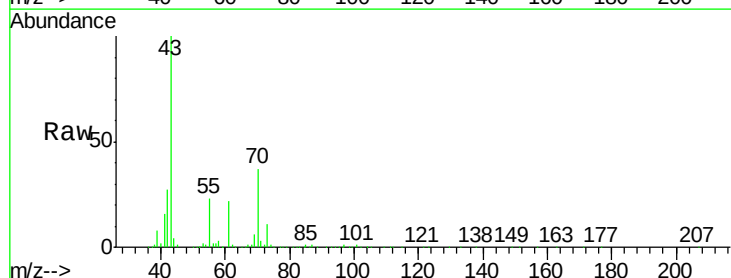
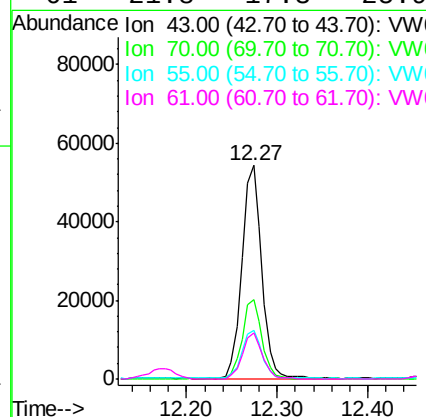
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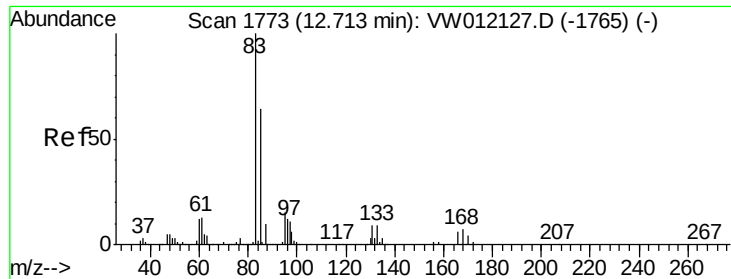
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#74
N-ethyl acetate
Concen: 21.754 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.7	28.6	43.0
55	22.5	17.8	26.6
61	21.8	17.3	25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.343 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

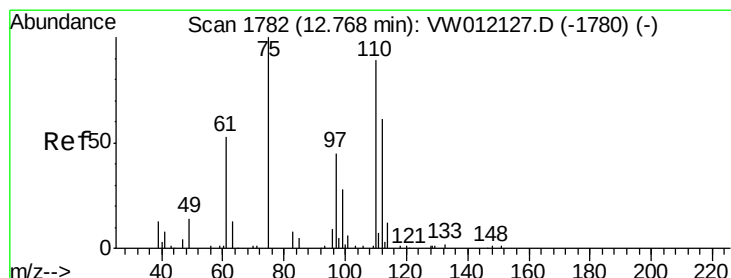
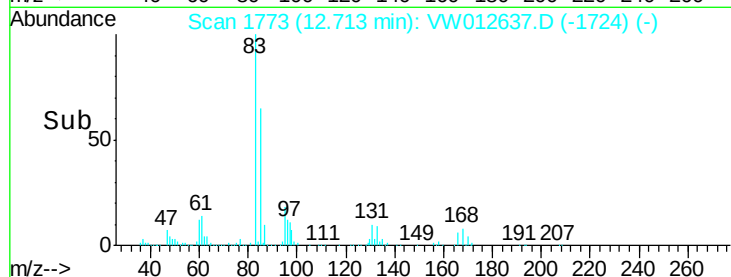
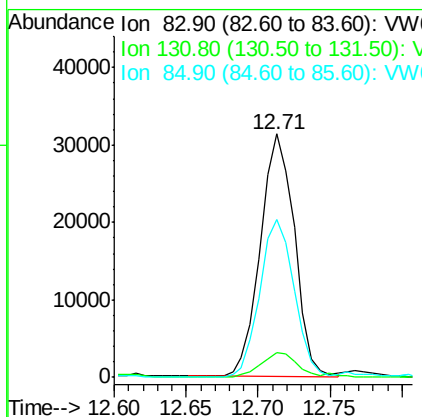
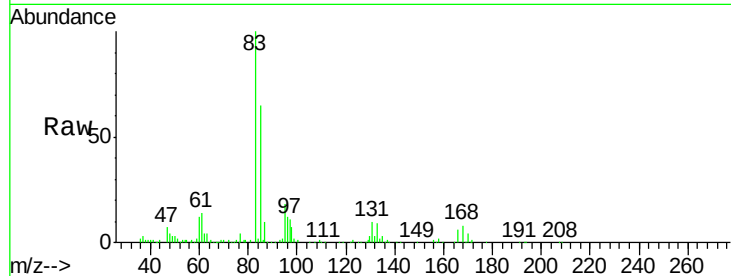
ClientSampleId :

VW0905SBS03

Tot Ion:	83	Resp:	51412
Ion Ratio	Lower	Upper	
83	100		
131	11.2	4.9	14.7
85	65.6	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 26.160 ug/l m

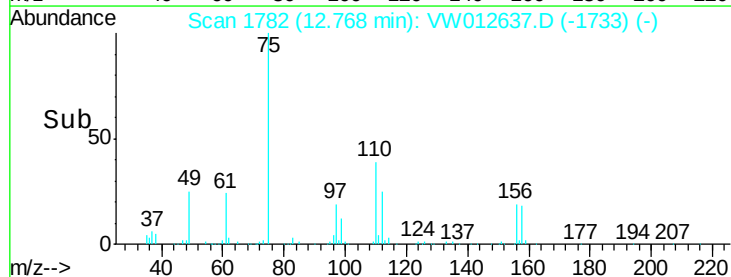
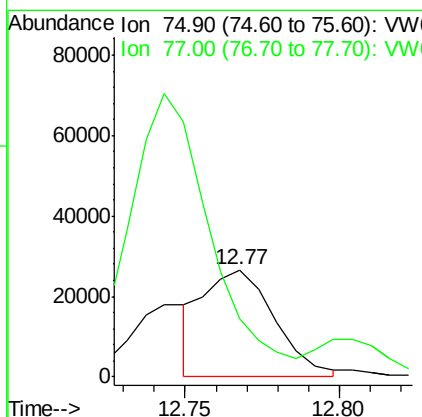
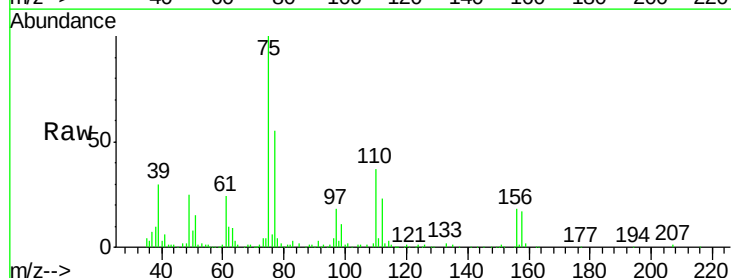
RT: 12.77 min Scan# 1782

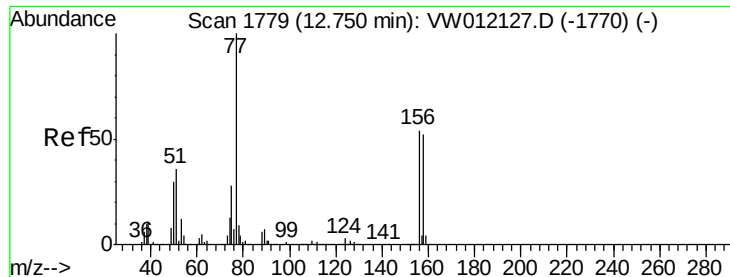
Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion:	75	Resp:	42677
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 23.858 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS03

Tot Ion:156 Resp: 64785

Ion Ratio Lower Upper

156 100

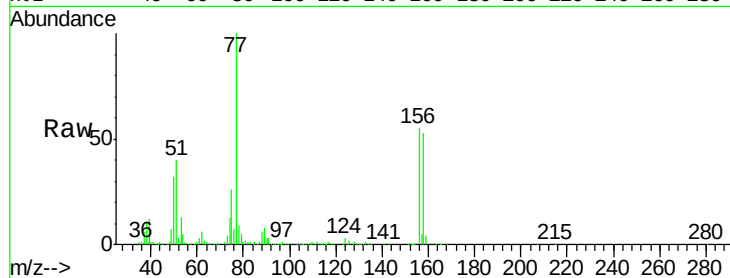
77 200.2 107.3 321.8

158 95.7 49.0 147.0

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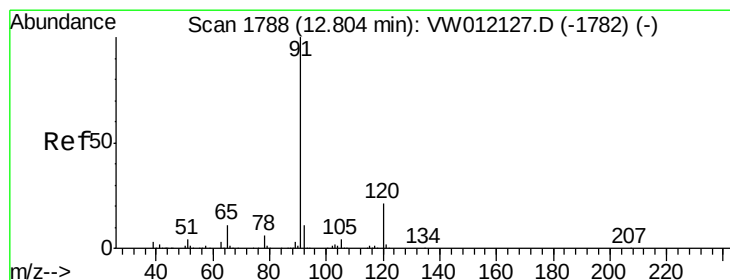
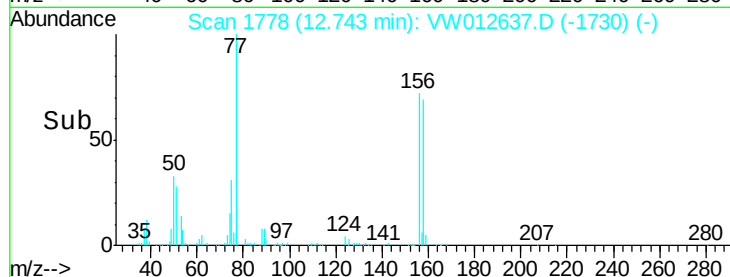
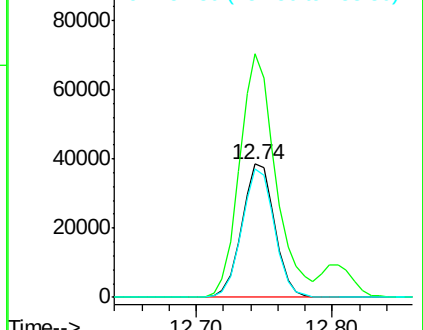
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.166 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012637.D

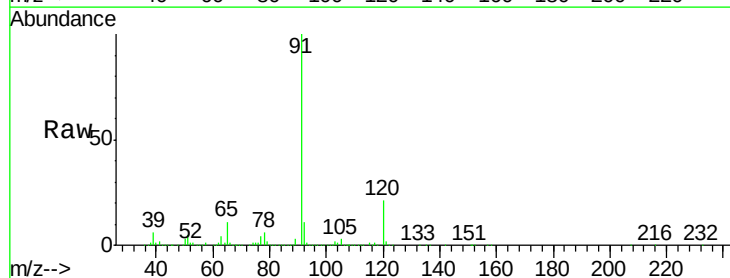
Acq: 05 Sep 2019 13:32

Tgt Ion: 91 Resp: 354973

Ion Ratio Lower Upper

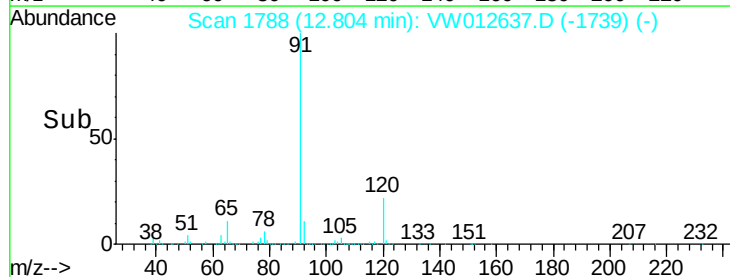
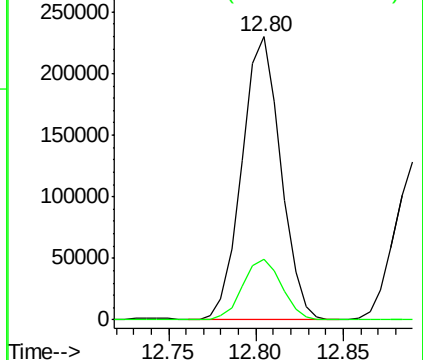
91 100

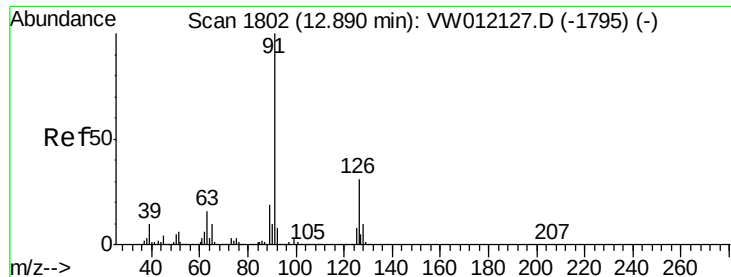
120 21.8 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.213 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampled :

VW0905SBS03

Tot Ion: 91 Resp: 201941

Ion Ratio Lower Upper

91 100

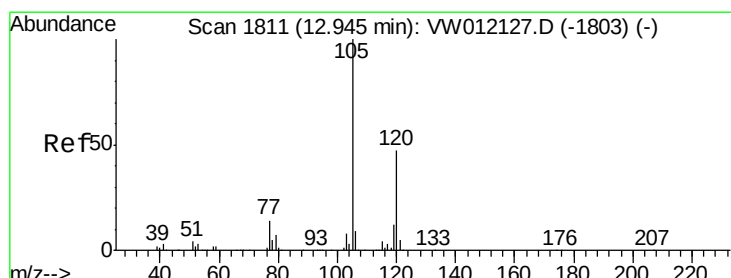
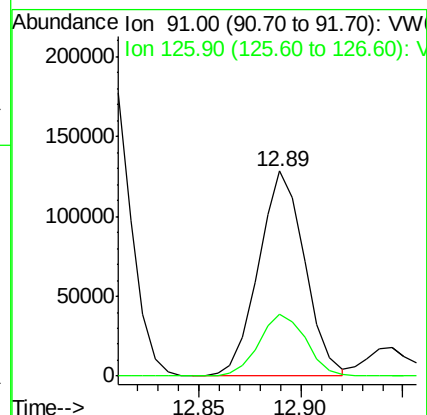
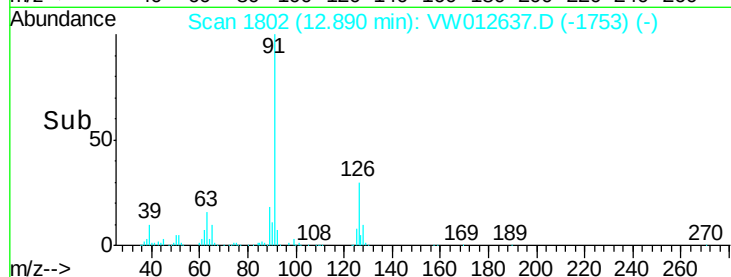
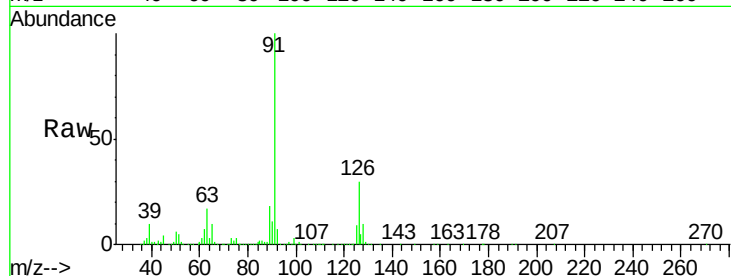
126 31.0 15.7 47.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 23.615 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012637.D

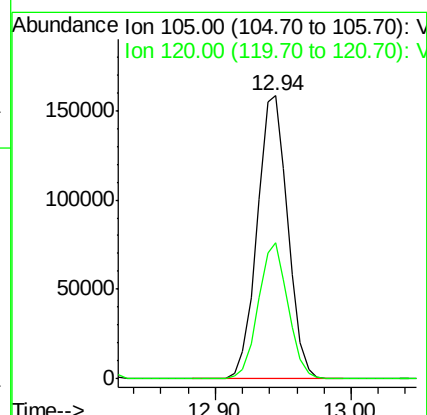
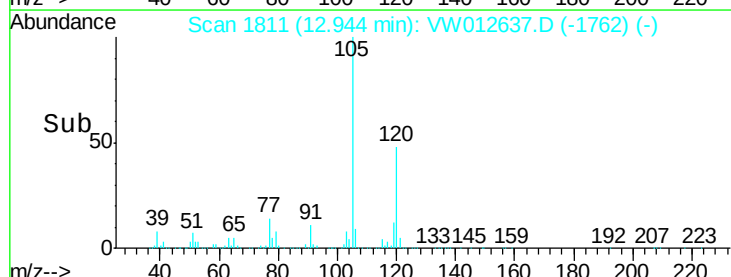
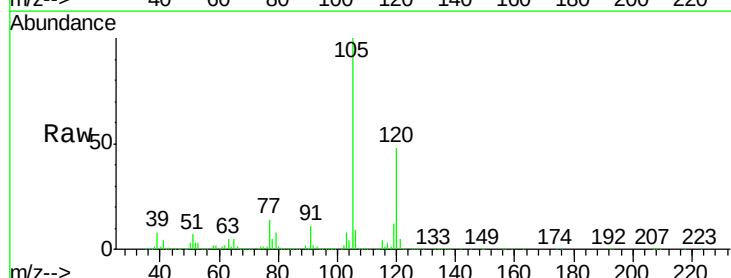
Acq: 05 Sep 2019 13:32

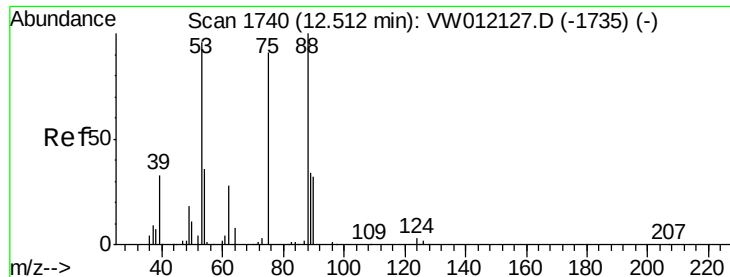
Tgt Ion: 105 Resp: 247673

Ion Ratio Lower Upper

105 100

120 47.1 24.0 72.0





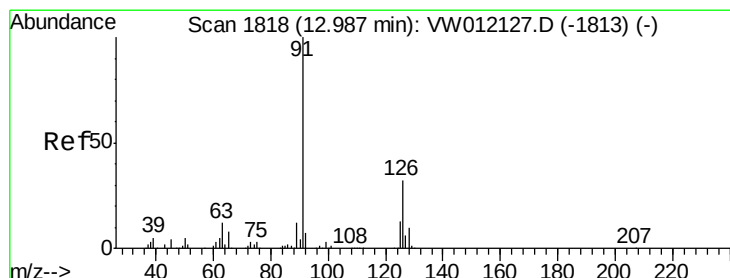
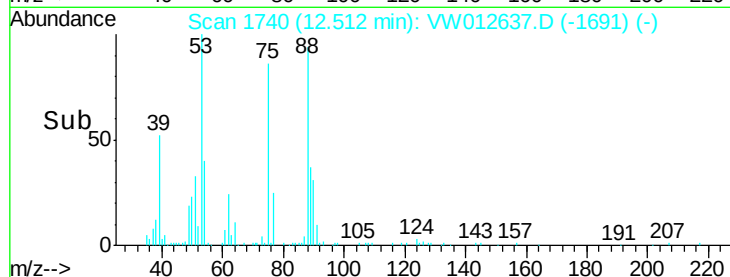
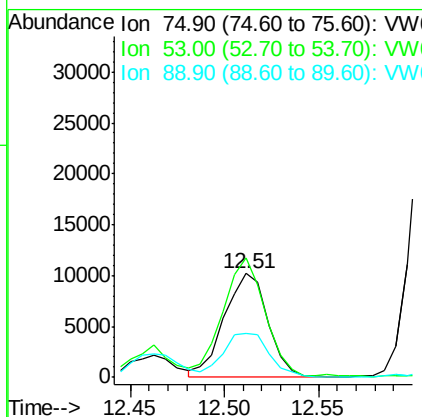
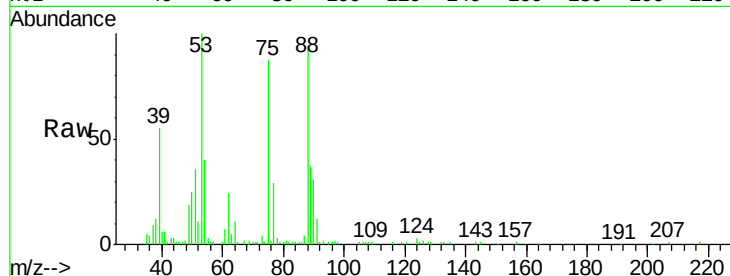
#81
trans-1,4-Dichloro-2-butene
Concen: 22.032 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.6	89.4	134.0
89	44.8	34.5	51.7

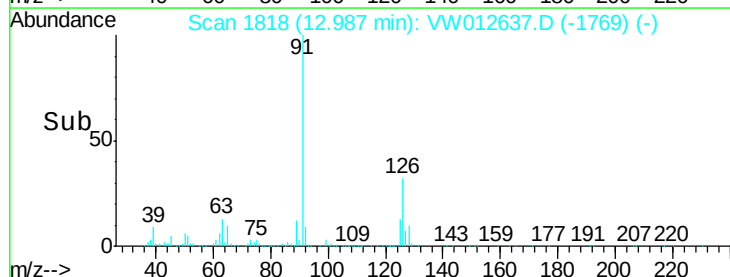
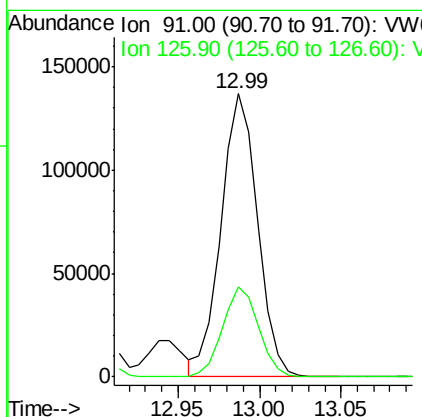
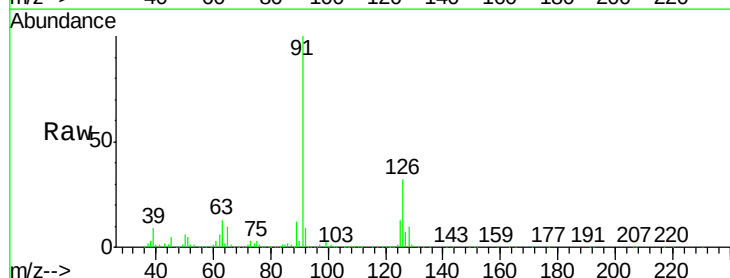
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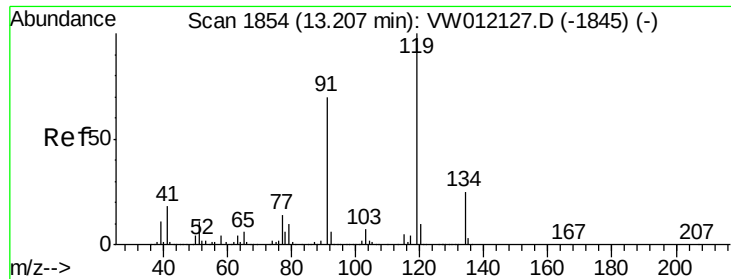
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#82
4-Chlorotoluene
Concen: 23.292 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.6	46.8





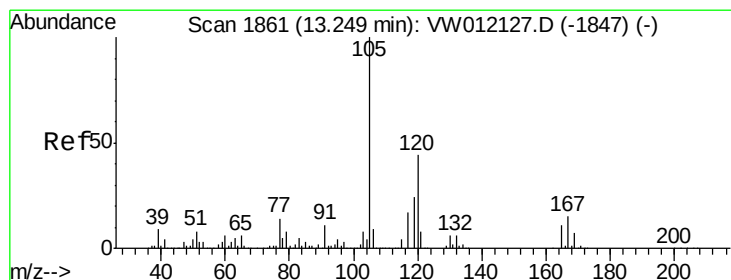
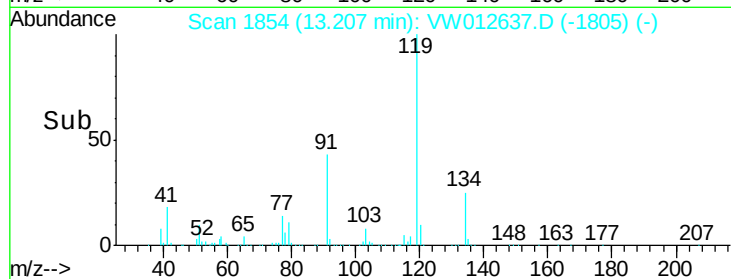
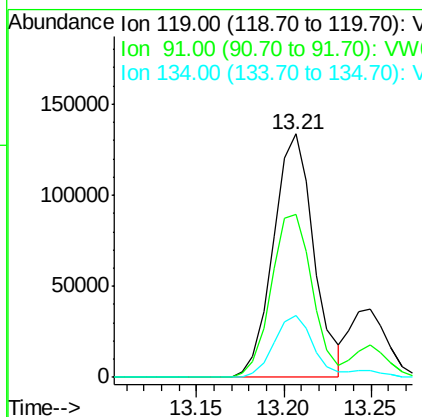
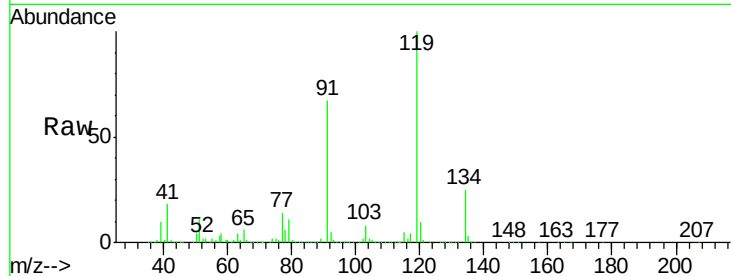
#83
tert-Butylbenzene
Concen: 24.313 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	216002		
91	68.2	34.8	104.3	
134	24.9	13.3	39.8	

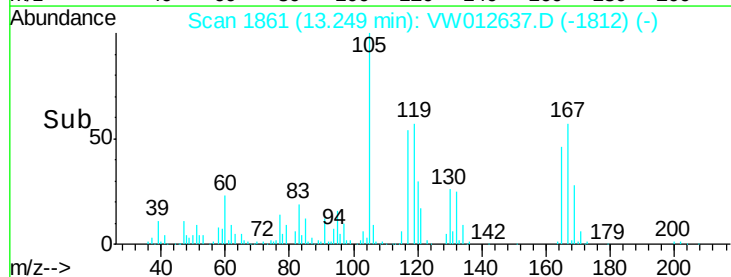
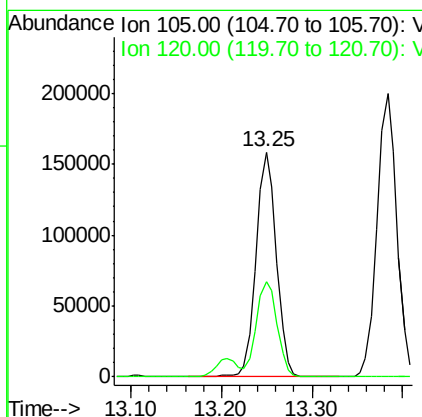
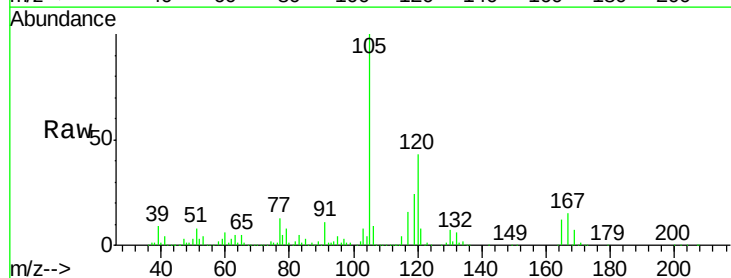
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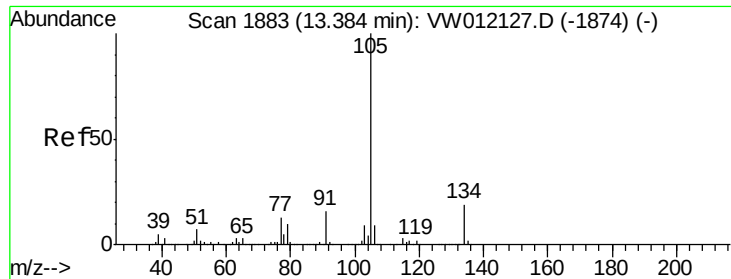
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#84
1,2,4-Trimethylbenzene
Concen: 23.256 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	245011		
120	43.3	21.9	65.7	





#85

sec-Butylbenzene

Concen: 23.653 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS03

Tot Ion:105 Resp: 301058

Ion Ratio Lower Upper

105 100

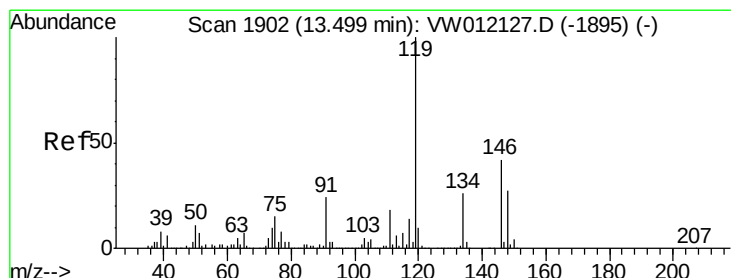
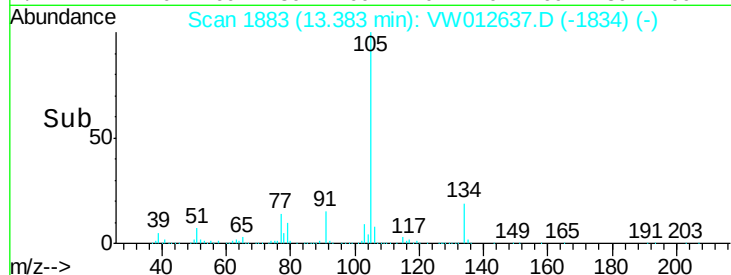
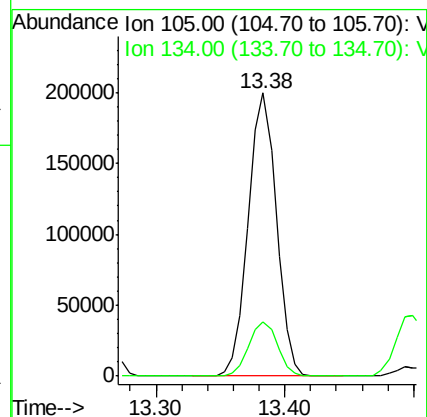
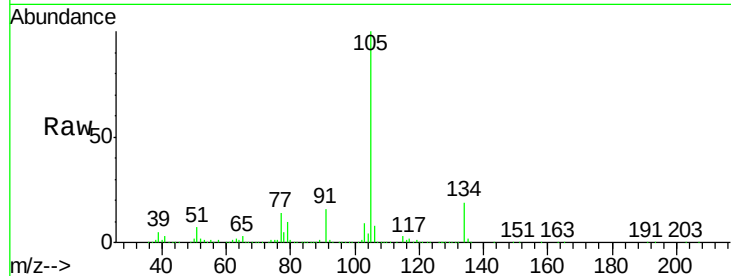
134 19.6 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 23.813 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

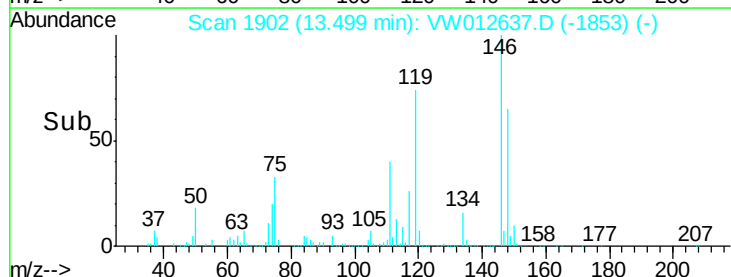
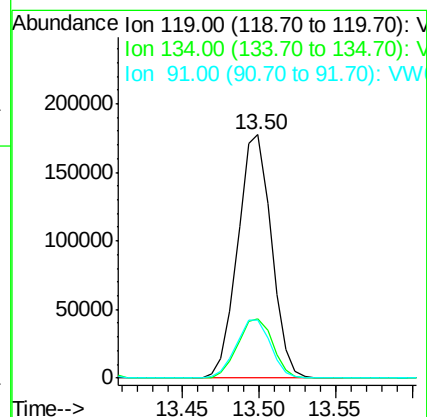
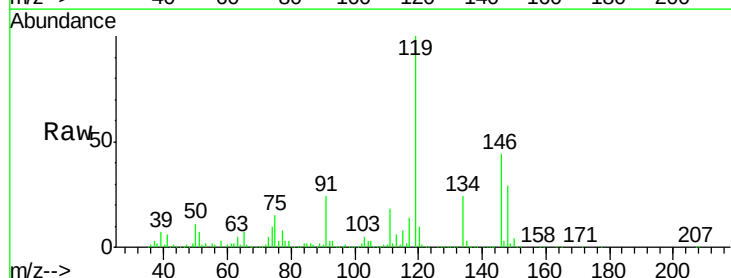
Tgt Ion:119 Resp: 270683

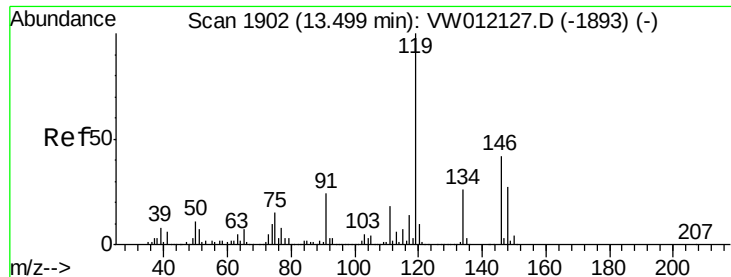
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

91 24.7 12.3 36.9





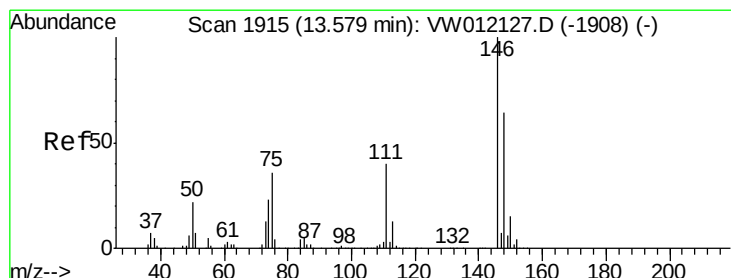
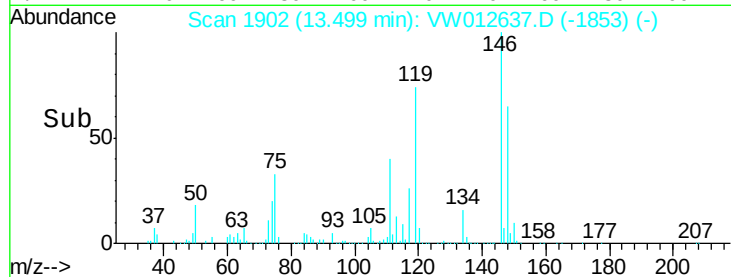
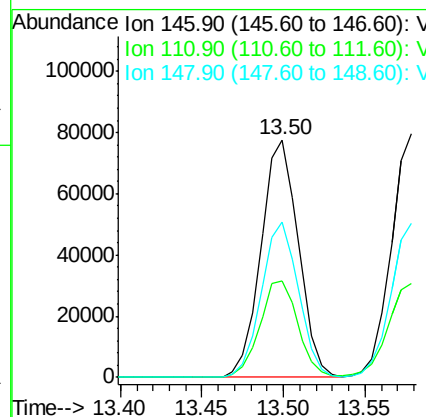
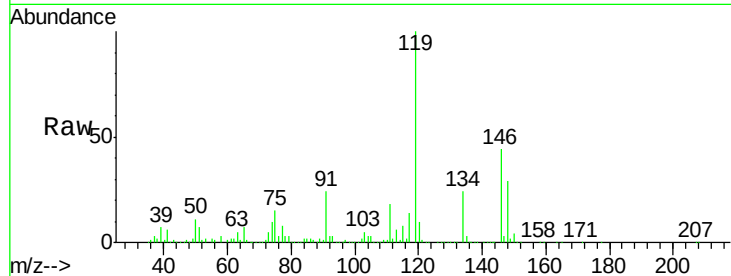
#87
 1,3-Dichlorobenzene
 Concen: 23.336 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS03

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123940		
111	41.2	20.9	62.7	
148	64.7	32.2	96.6	

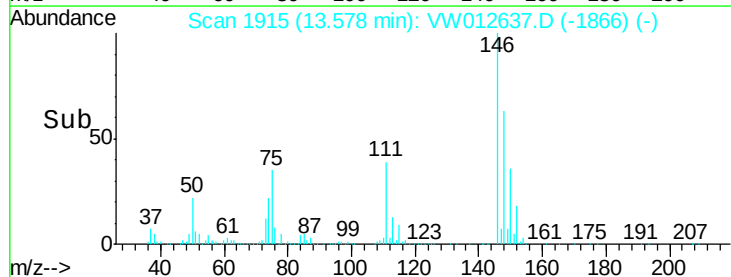
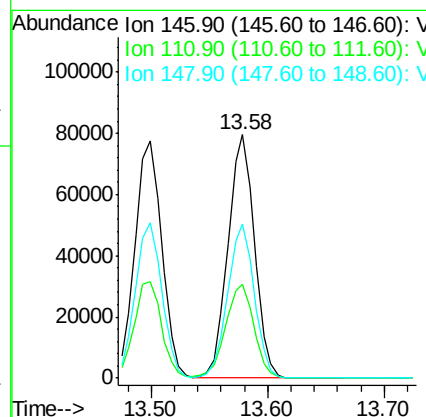
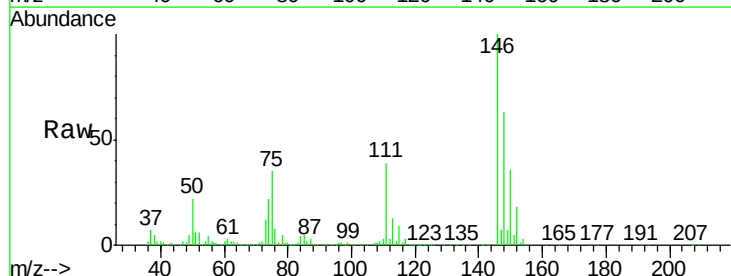
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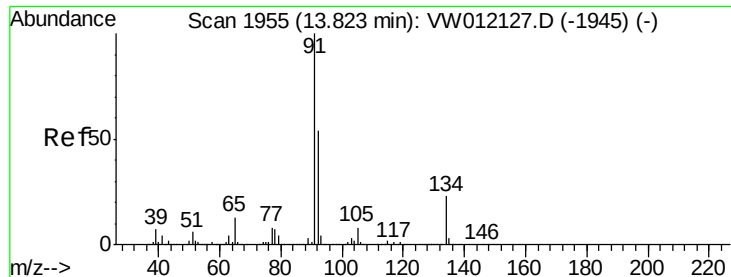
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#88
 1,4-Dichlorobenzene
 Concen: 23.751 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	125254		
111	40.6	20.0	60.0	
148	63.4	32.1	96.3	





#89

n-Butylbenzene

Concen: 23.591 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Instrument :

MSVOA_W

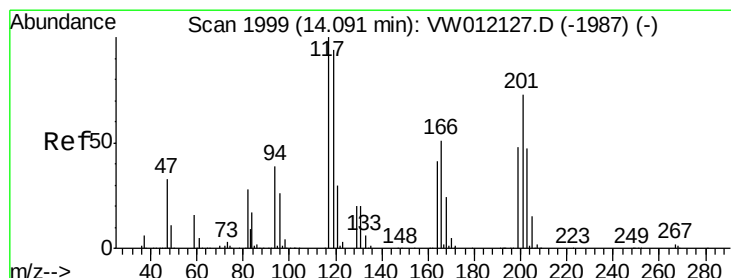
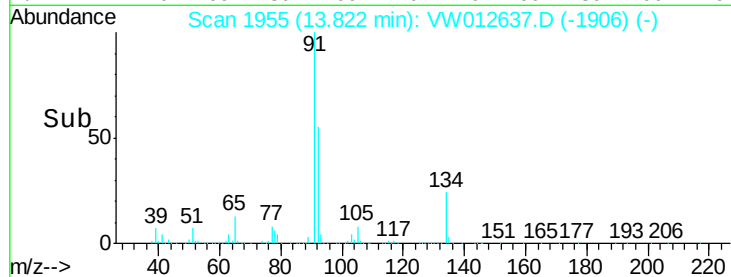
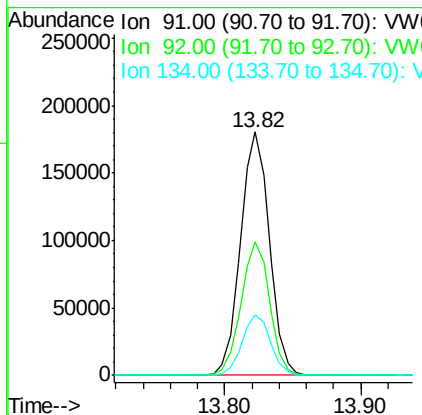
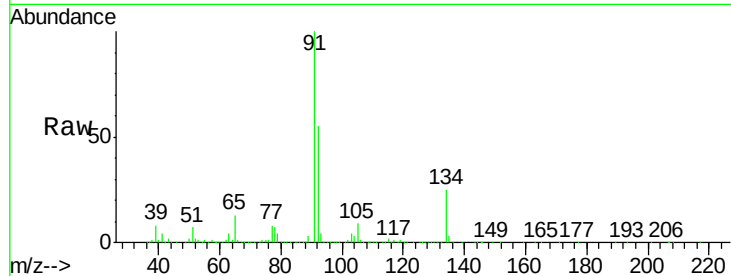
ClientSampleId :

VW0905SBS03

Tot Ion:	91	Resp:	266675
Ion Ratio	Lower	Upper	
91	100		
92	54.3	27.1	81.2
134	24.8	12.2	36.4

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#90

Hexachloroethane

Concen: 22.538 ug/l

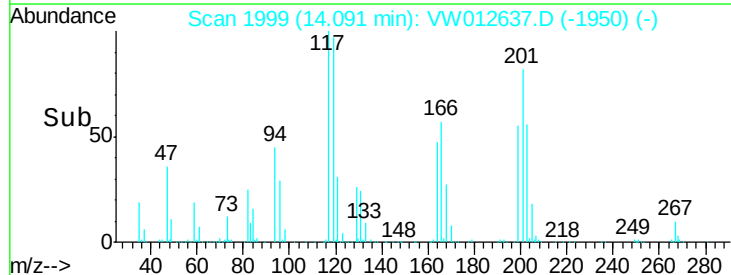
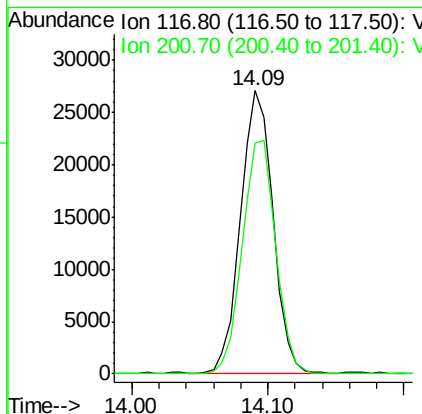
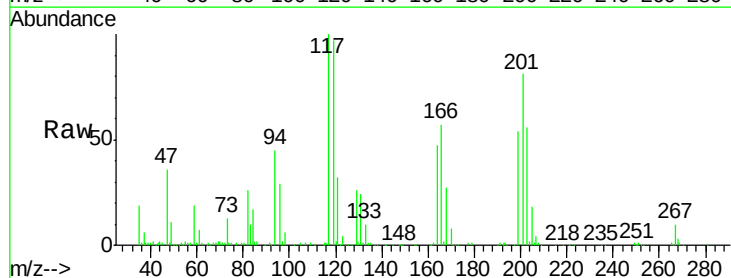
RT: 14.09 min Scan# 1999

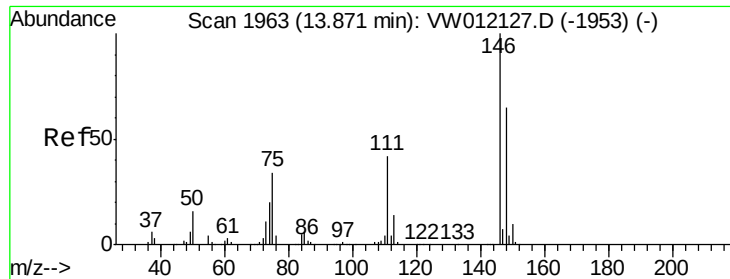
Delta R.T. -0.00 min

Lab File: VW012637.D

Acq: 05 Sep 2019 13:32

Tgt Ion:	117	Resp:	44948
Ion Ratio	Lower	Upper	
117	100		
201	85.3	38.6	115.7





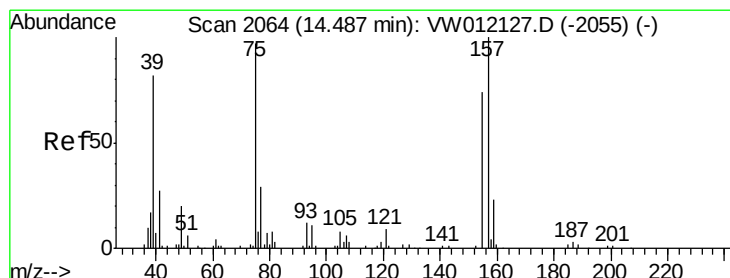
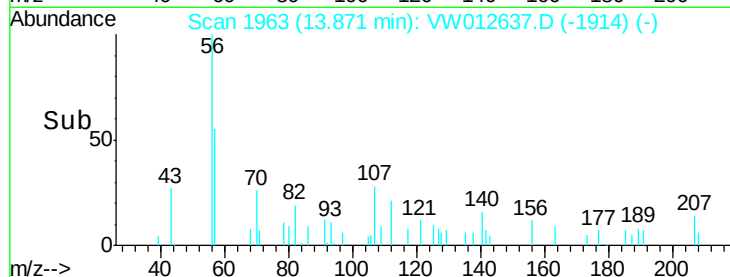
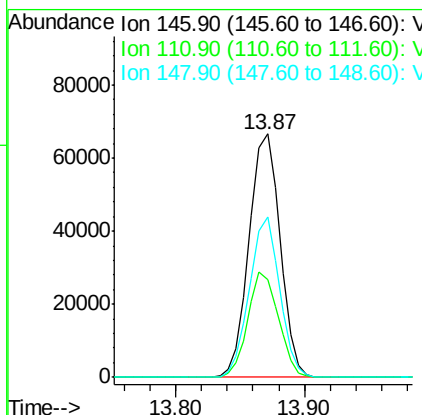
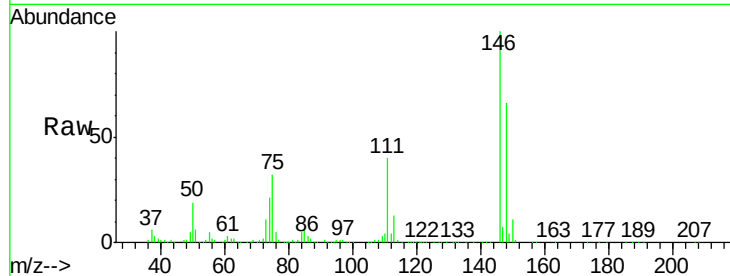
#91
 1,2-Dichlorobenzene
 Concen: 23.776 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.2	63.6
148	64.3	32.5	97.4

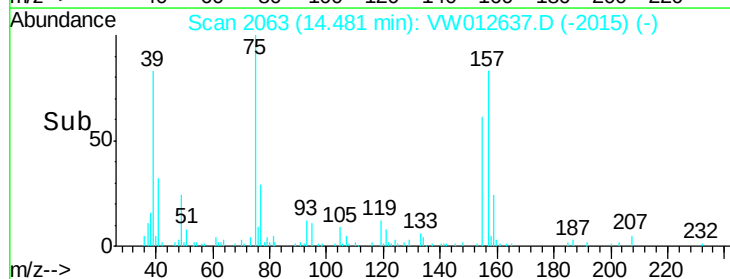
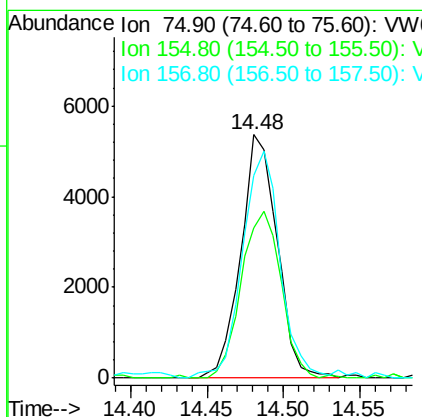
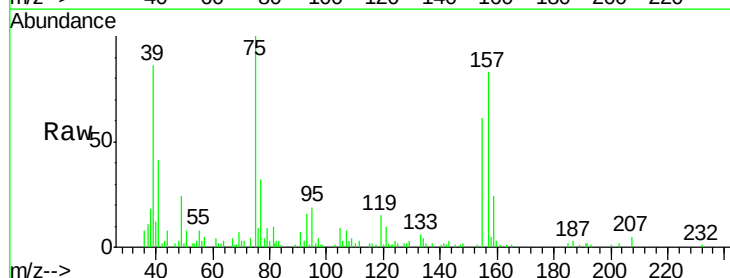
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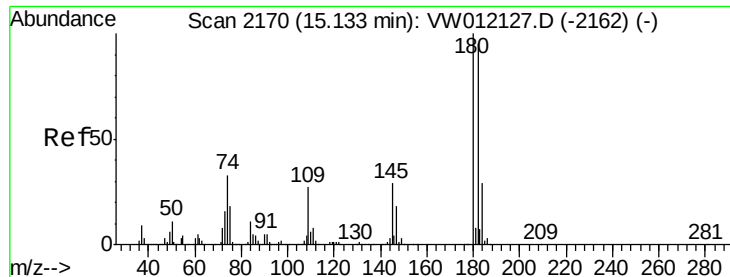
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.956 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.7	37.5	112.3
157	96.2	50.5	151.5





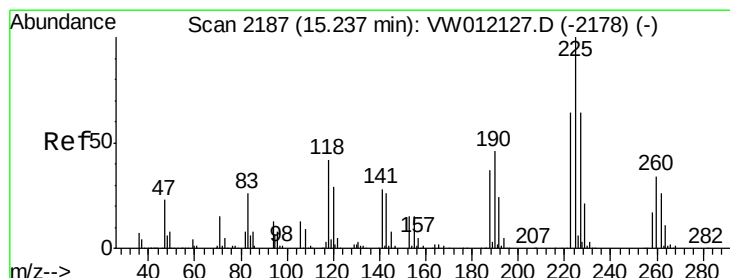
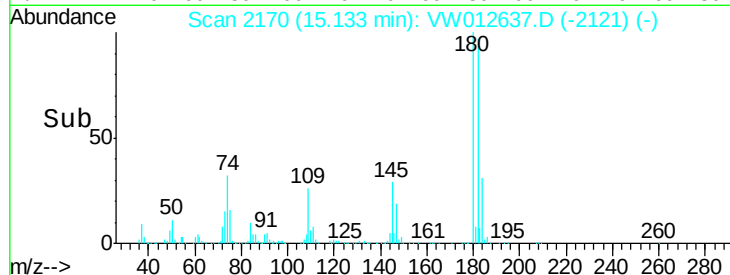
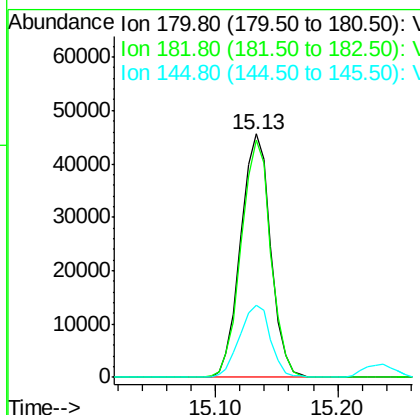
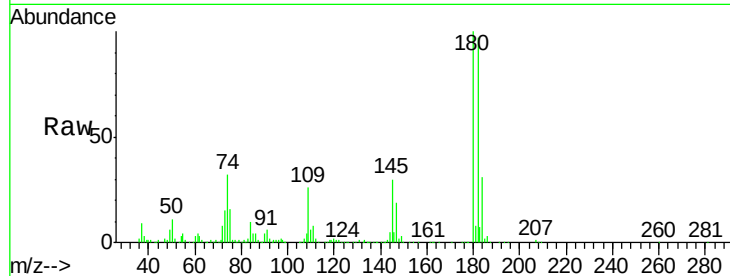
#93
 1,2,4-Trichlorobenzene
 Concen: 24.041 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	77408		
182	96.2	47.8	143.4	
145	30.8	15.0	45.1	

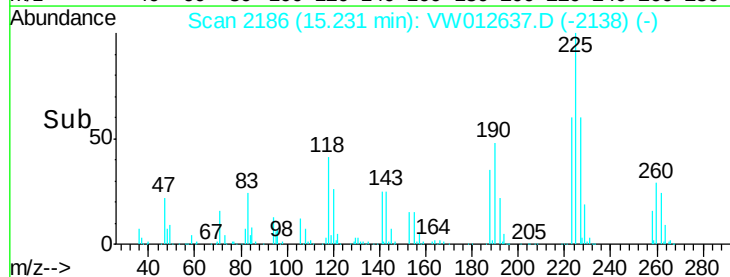
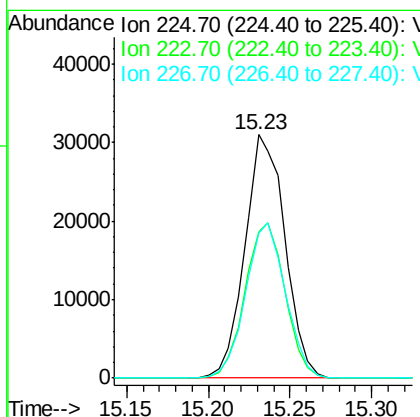
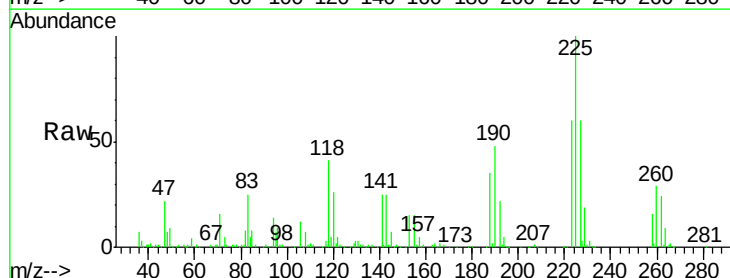
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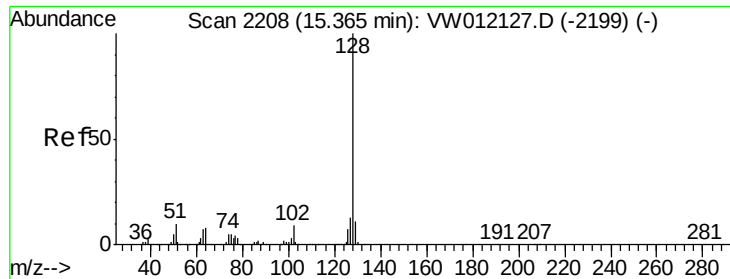
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#94
 Hexachlorobutadiene
 Concen: 24.876 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012637.D
 Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52889		
223	63.8	32.3	96.8	
227	63.6	32.9	98.6	





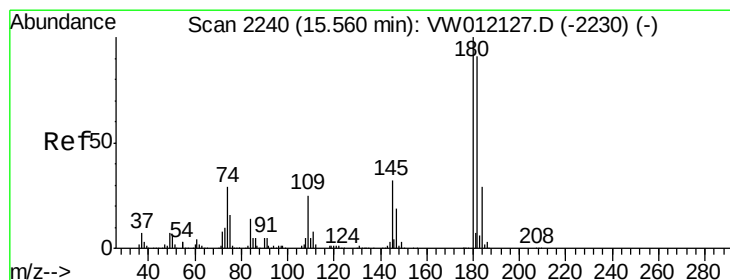
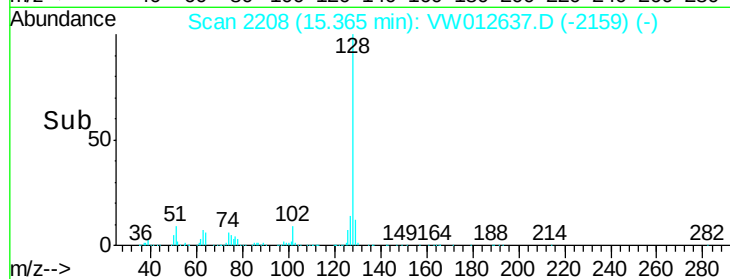
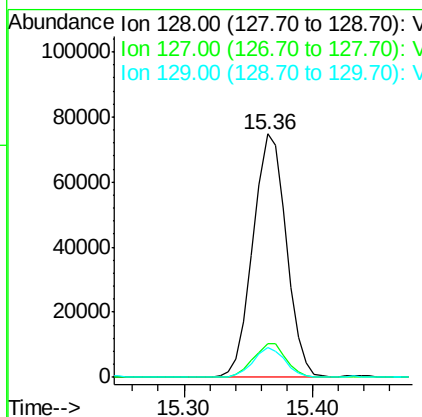
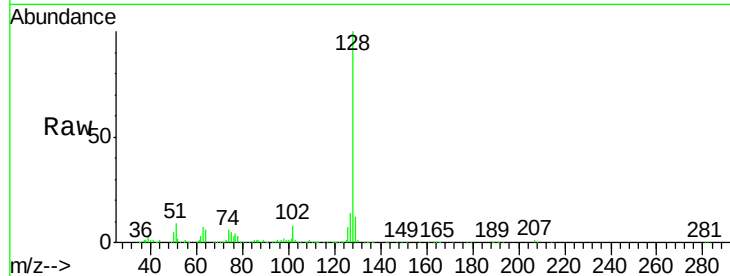
#95
Naphthalene
Concen: 23.636 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS03

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	11.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/6/2019 12:29:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 23.633 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012637.D
Acq: 05 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.3
145	33.8	16.2	48.5

