

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012764.D
 Acq On : 08 Sep 2019 13:01
 Operator : SY/VA
 Sample : VW0908SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 11:25:23 AM

Quant Time: Sep 09 07:20:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	149812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	116037	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
35) Dibromofluoromethane	7.88	113	94437	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
50) Toluene-d8	10.32	98	365372	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	
62) 4-Bromofluorobenzene	12.62	95	136326	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32860	25.353	ug/l	99
3) Chloromethane	2.21	50	35714	22.673	ug/l	97
4) Vinyl Chloride	2.36	62	41474	21.474	ug/l	95
5) Bromomethane	2.78	94	23903	22.792	ug/l	99
6) Chloroethane	2.92	64	24225	21.020	ug/l	96
7) Trichlorofluoromethane	3.25	101	27562	20.680	ug/l	94
8) Diethyl Ether	3.68	74	21284	19.001	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46055	22.020	ug/l	99
10) Methyl Iodide	4.27	142	58639	22.271	ug/l	99
11) Tert butyl alcohol	5.21	59	15461	75.648	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	41938	21.241	ug/l	92
13) Acrolein	3.90	56	16090	74.186	ug/l	97
14) Allyl chloride	4.67	41	80653	19.747	ug/l	97
15) Acrylonitrile	5.37	53	52769	80.656	ug/l	99
16) Acetone	4.14	43	55073	75.624	ug/l	96
17) Carbon Disulfide	4.38	76	92147	21.988	ug/l	99
18) Methyl Acetate	4.67	43	25879	15.146	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	74463	19.017	ug/l	97
20) Methylene Chloride	4.92	84	46129	20.247	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	44175	21.928	ug/l	95
22) Diisopropyl ether	6.31	45	160560	19.821	ug/l	98
23) Vinyl Acetate	6.26	43	461968	89.988	ug/l	100
24) 1,1-Dichloroethane	6.21	63	91360	20.946	ug/l	99
25) 2-Butanone	7.18	43	66587	76.891	ug/l	100
26) 2,2-Dichloropropane	7.17	77	54431	19.759	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	44589	19.089	ug/l	99
28) Bromochloromethane	7.51	49	32507	16.231	ug/l #	99
29) Tetrahydrofuran	7.53	42	41648	70.820	ug/l	99
30) Chloroform	7.67	83	86107	19.920	ug/l	97
31) Cyclohexane	7.95	56	81923	20.863	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	74840	21.359	ug/l	99
36) 1,1-Dichloropropene	8.08	75	67967	20.920	ug/l	100
37) Ethyl Acetate	7.26	43	32667	15.773	ug/l	99
38) Carbon Tetrachloride	8.07	117	67294	21.013	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76134	20.865	ug/l	97
40) Benzene	8.32	78	181699	20.157	ug/l	100
41) Methacrylonitrile	7.48	41	16722	14.805	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	59502	18.756	ug/l	100
43) Isopropyl Acetate	8.43	43	61954	15.790	ug/l	97
44) Trichloroethene	9.09	130	48829	21.015	ug/l	93
45) 1,2-Dichloropropane	9.37	63	48622	19.448	ug/l	99
46) Dibromomethane	9.46	93	22078	18.649	ug/l	98
47) Bromodichloromethane	9.64	83	63648	19.541	ug/l	99
48) Methyl methacrylate	9.43	41	29229	15.588	ug/l	94
49) 1,4-Dioxane	9.48	88	6736	288.049	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	159059	77.254	ug/l	99
52) Toluene	10.39	92	113737	20.216	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	59675	17.818	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	71603	18.846	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32042	18.078	ug/l	98
56) Ethyl methacrylate	10.65	69	43580	16.797	ug/l	98
57) 1,3-Dichloropropane	10.93	76	57789	17.624	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	114116	82.853	ug/l	94
59) 2-Hexanone	10.97	43	110528	73.480	ug/l	99
60) Dibromochloromethane	11.13	129	37064	17.781	ug/l	99
61) 1,2-Dibromoethane	11.23	107	28599	17.600	ug/l	99
64) Tetrachloroethene	10.86	164	40579	22.076	ug/l	98
65) Chlorobenzene	11.66	112	117463	20.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	44246	20.751	ug/l	99
67) Ethyl Benzene	11.73	91	231826	21.580	ug/l	100
68) m/p-Xylenes	11.83	106	166962	43.058	ug/l	99
69) o-Xylene	12.16	106	77637	21.223	ug/l	98
70) Styrene	12.18	104	135137	20.905	ug/l	100
71) Bromoform	12.35	173	20438	17.252	ug/l	98
73) Isopropylbenzene	12.46	105	223390	20.790	ug/l	99
74) N-amyl acetate	12.27	43	56512	16.570	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	37217	17.247	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24617m	16.070	ug/l	
77) Bromobenzene	12.74	156	47765	19.621	ug/l	98
78) n-propylbenzene	12.80	91	270254	21.030	ug/l	100
79) 2-Chlorotoluene	12.89	91	154920	20.999	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	190374	21.026	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11786	16.273	ug/l	97
82) 4-Chlorotoluene	12.99	91	161628	20.712	ug/l	99
83) tert-Butylbenzene	13.21	119	165996	20.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	188597	20.672	ug/l	99
85) sec-Butylbenzene	13.38	105	235768	21.223	ug/l	100
86) p-Isopropyltoluene	13.50	119	208508	20.548	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	95870	20.036	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	94609	19.871	ug/l	99
89) n-Butylbenzene	13.82	91	202579	20.564	ug/l	99
90) Hexachloroethane	14.09	117	35472	20.025	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	84879	19.709	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6283	15.910	ug/l	91

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ClientSampleId :
VW0908SBSD01

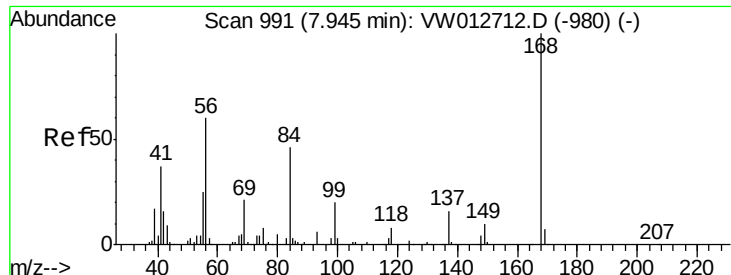
Manual Integrations
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QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56739	18.923	ug/l	100
94) Hexachlorobutadiene	15.23	225	41503	19.998	ug/l	98
95) Naphthalene	15.36	128	89893	17.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	49939	18.868	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: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS01

Tot Ion:168 Resp: 239077

Ion Ratio Lower Upper

168 100

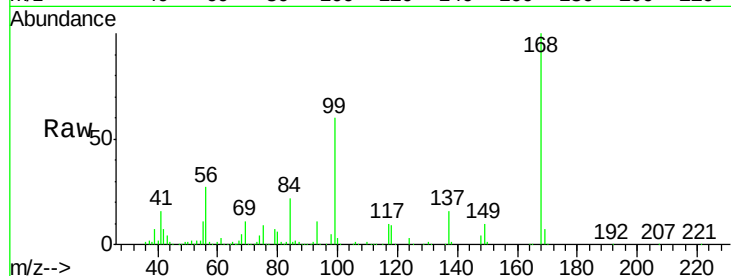
99 60.3 47.8 71.6

Manual Integrations

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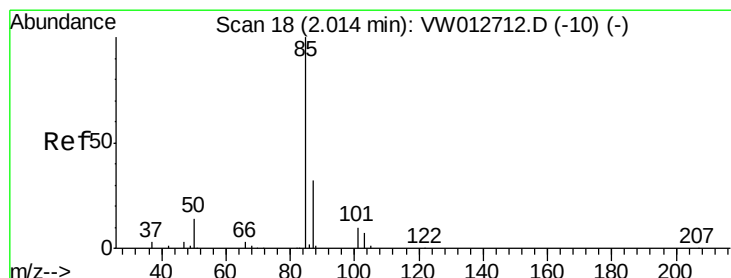
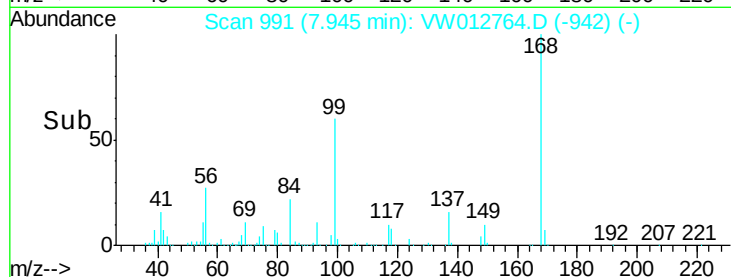
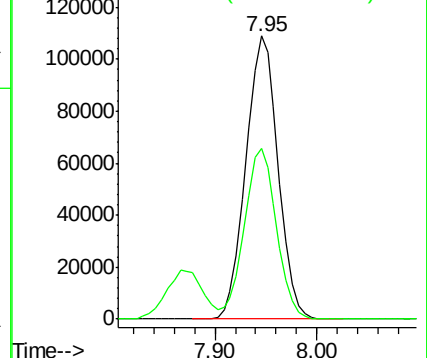
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 25.353 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012764.D

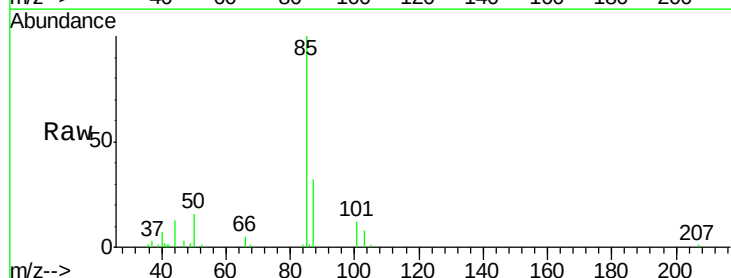
Acq: 08 Sep 2019 13:01

Tgt Ion: 85 Resp: 32860

Ion Ratio Lower Upper

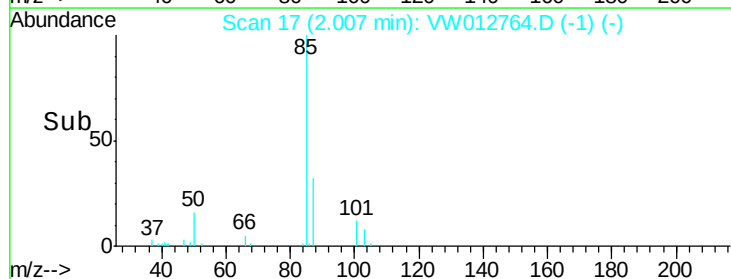
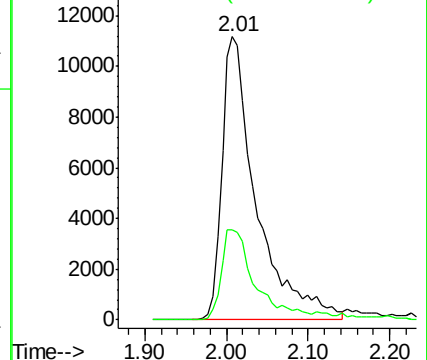
85 100

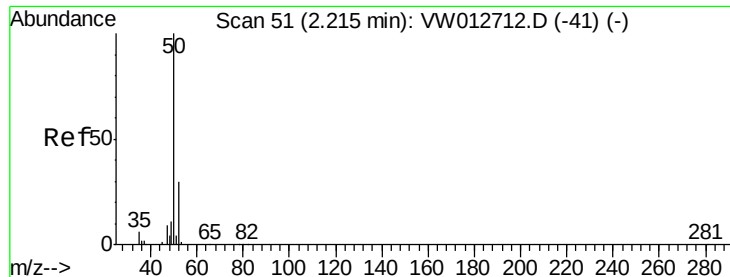
87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.673 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS01

Tot Ion: 50 Resp: 35714

Ion Ratio Lower Upper

50 100

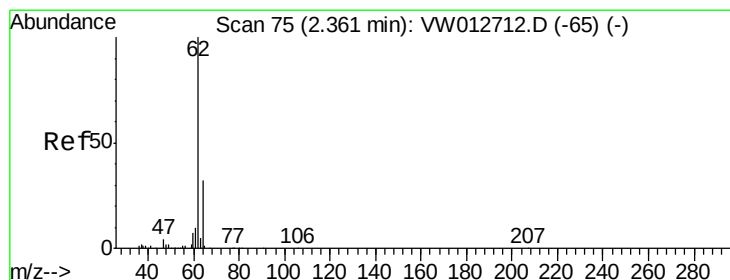
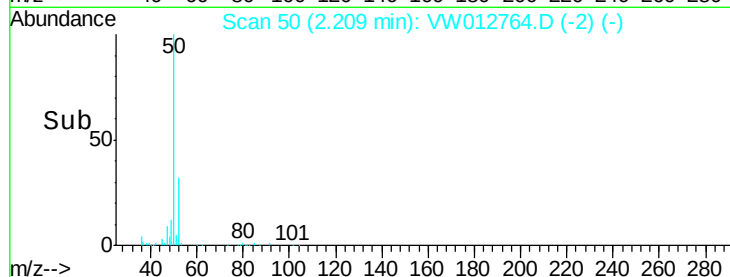
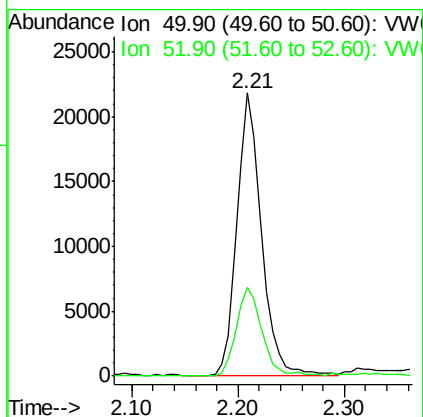
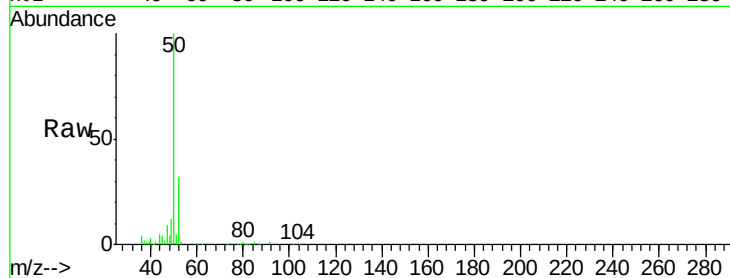
52 31.6 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.474 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012764.D

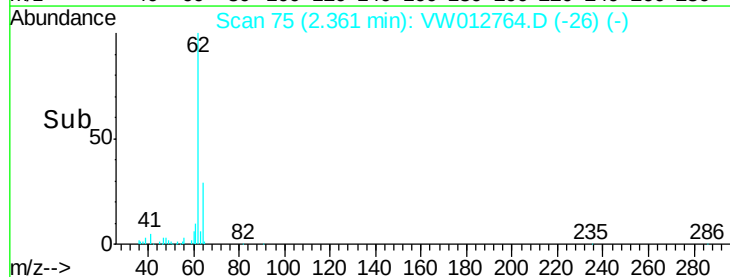
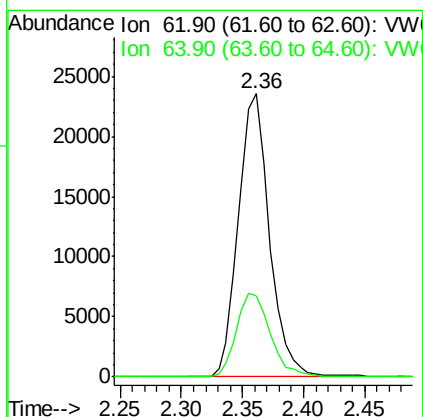
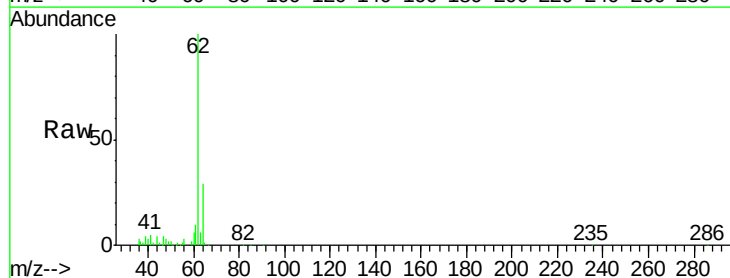
Acq: 08 Sep 2019 13:01

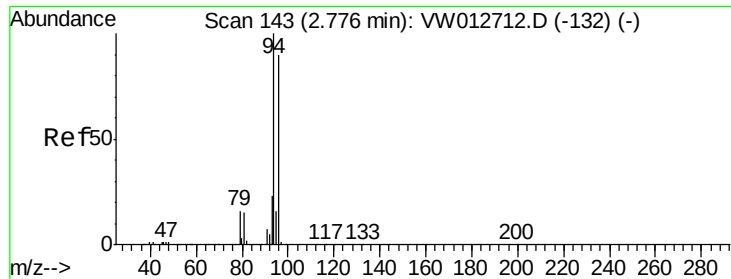
Tgt Ion: 62 Resp: 41474

Ion Ratio Lower Upper

62 100

64 28.7 25.3 37.9





#5

Bromomethane

Concen: 22.792 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS01

Tot Ion: 94 Resp: 23903

Ion Ratio Lower Upper

94 100

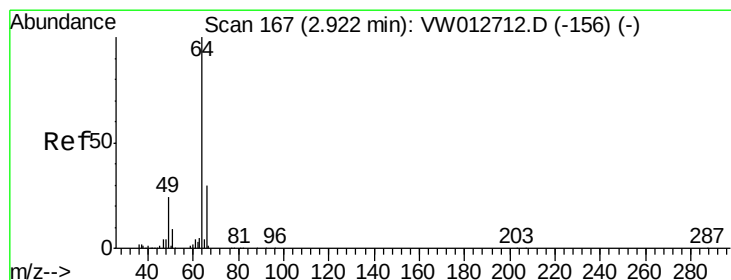
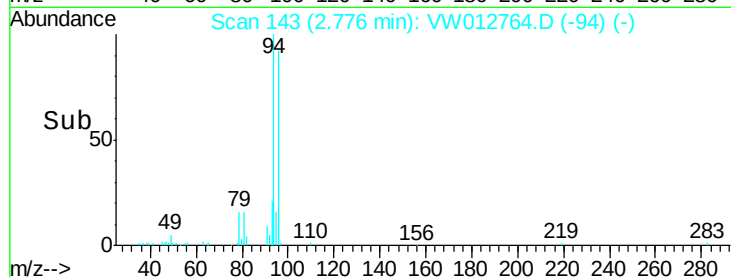
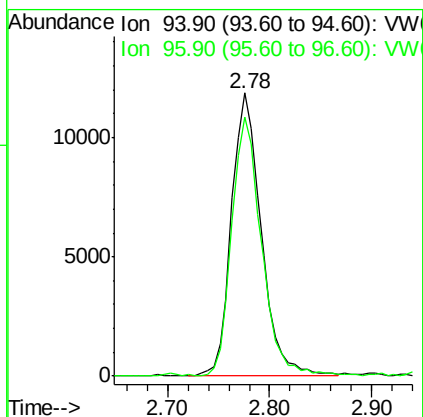
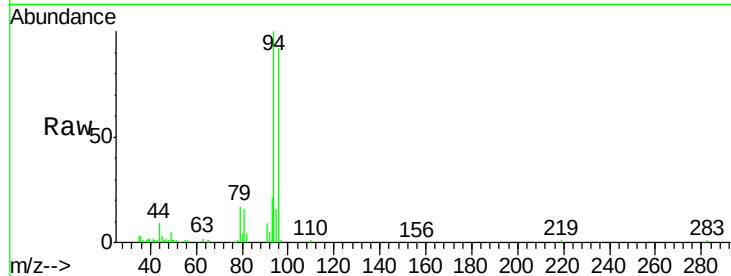
96 91.1 72.1 108.1

Manual Integrations

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#6

Chloroethane

Concen: 21.020 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012764.D

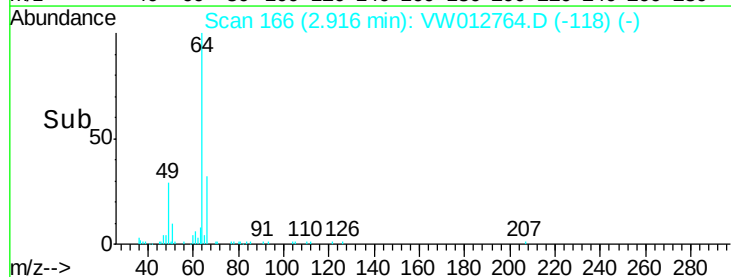
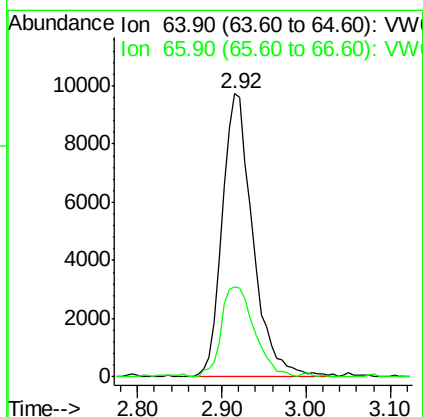
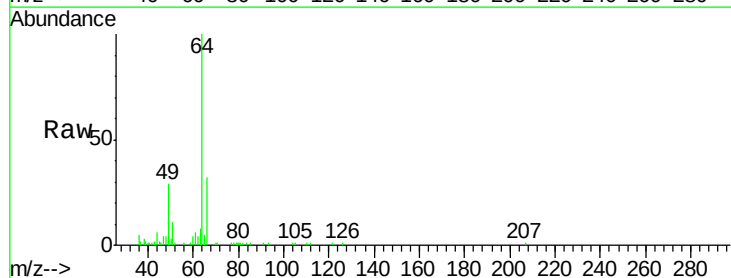
Acq: 08 Sep 2019 13:01

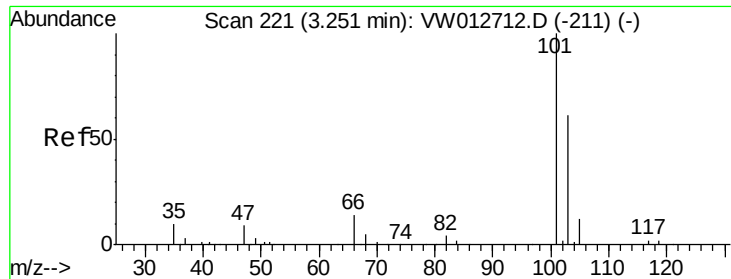
Tgt Ion: 64 Resp: 24225

Ion Ratio Lower Upper

64 100

66 31.7 23.8 35.6





#7

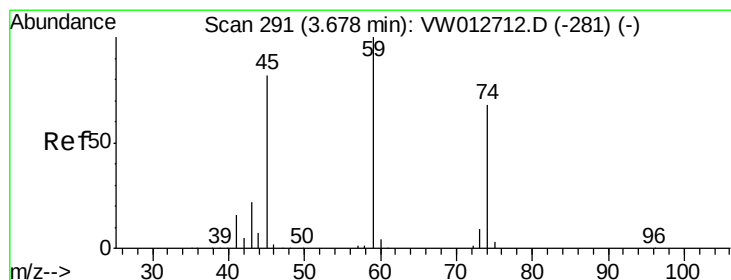
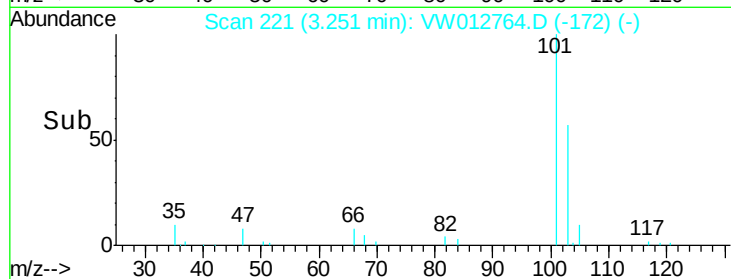
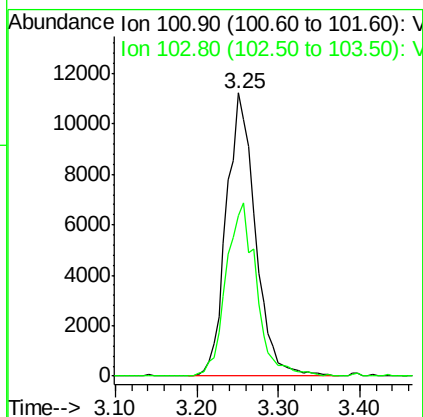
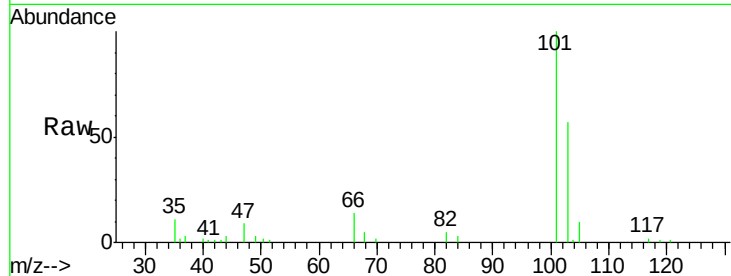
Trichlorofluoromethane
 Concen: 20.680 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	56.7	49.0	73.4

Manual Integrations
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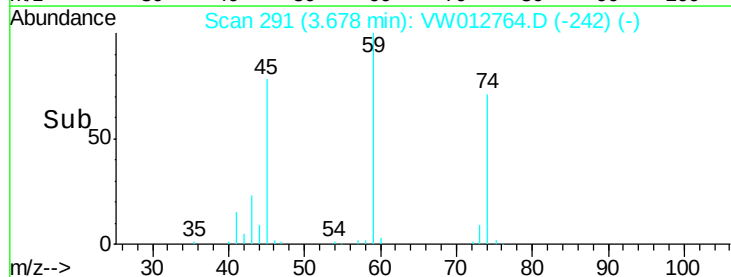
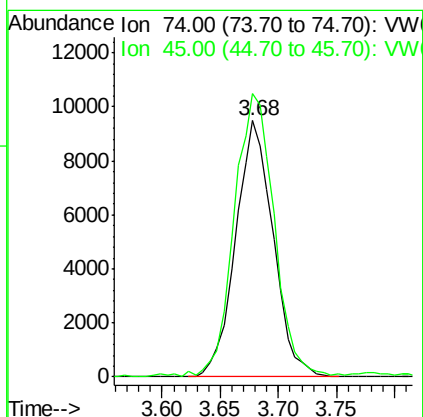
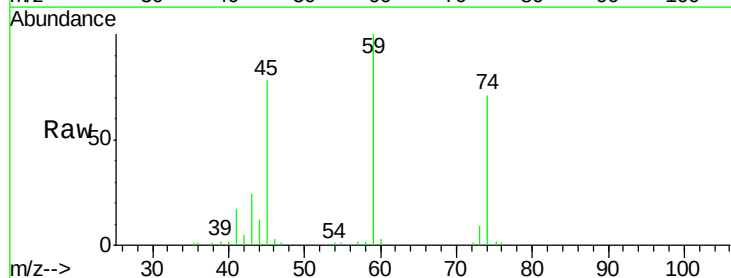
MMDadoda
 9/9/2019 11:25:23 AM

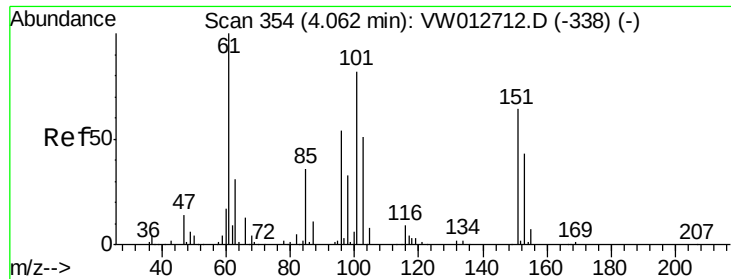


#8

Diethyl Ether
 Concen: 19.001 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.2	58.8	176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.020 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

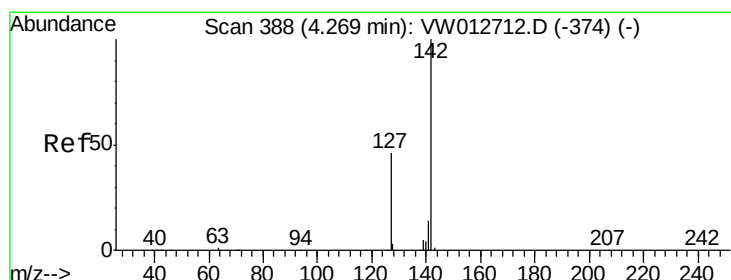
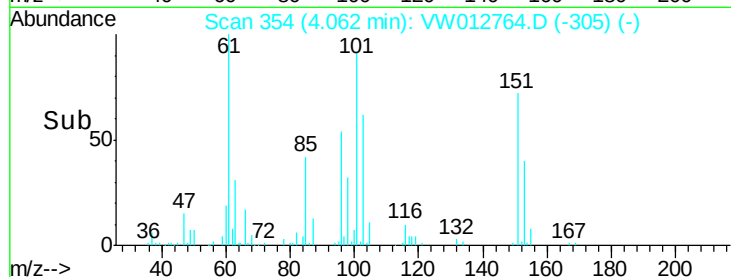
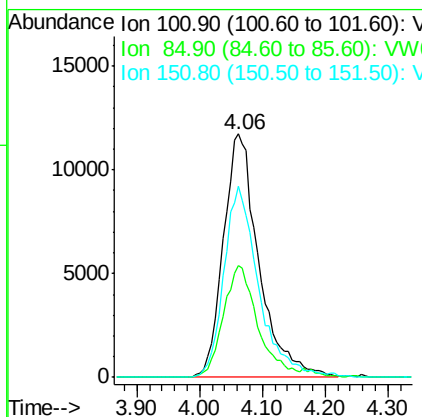
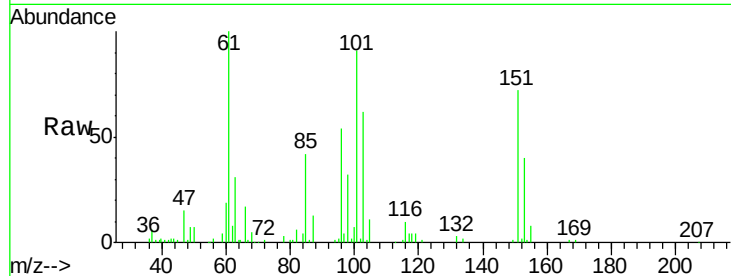
ClientSampleId :

VW0908SBS01

Tot Ion:	101	Resp:	46055
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.2	54.2
151	76.5	61.9	92.9

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#10

Methyl Iodide

Concen: 22.271 ug/l

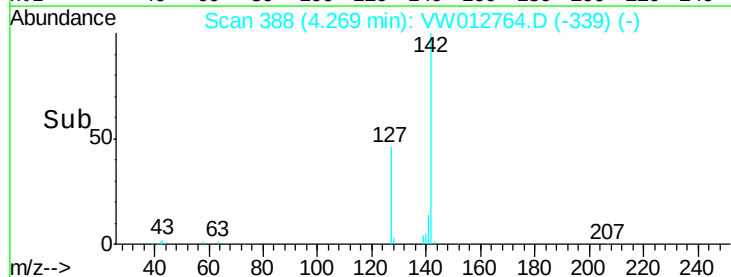
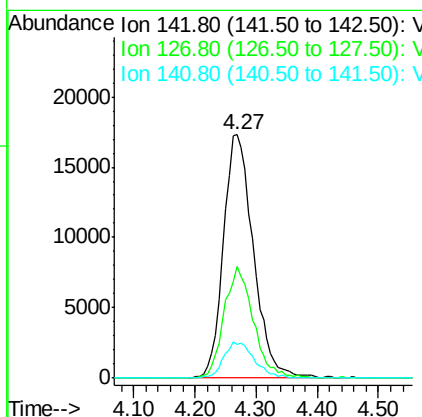
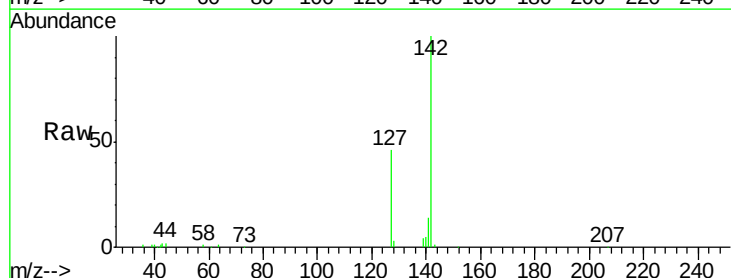
RT: 4.27 min Scan# 388

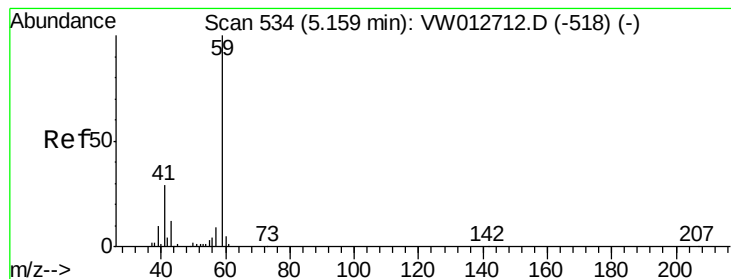
Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion:	142	Resp:	58639
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.0	54.0
141	15.0	12.2	18.4





#11

Tert butyl alcohol

Concen: 75.648 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.05 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS01

Tot Ion: 59 Resp: 15461

Ion Ratio Lower Upper

59 100

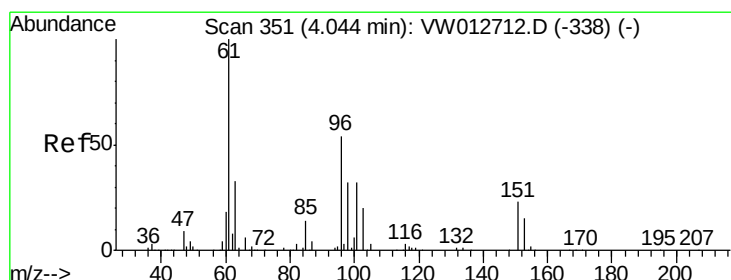
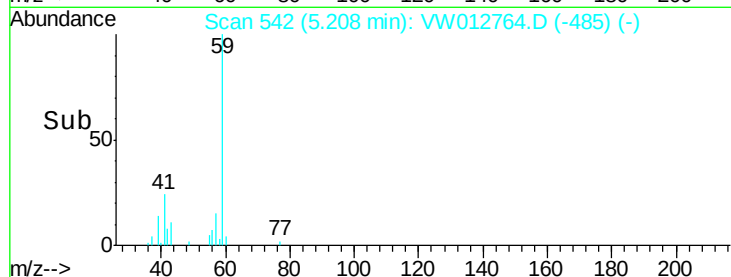
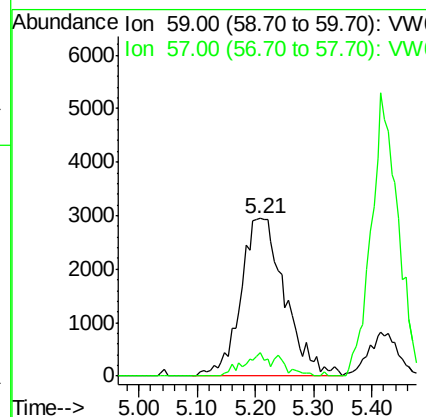
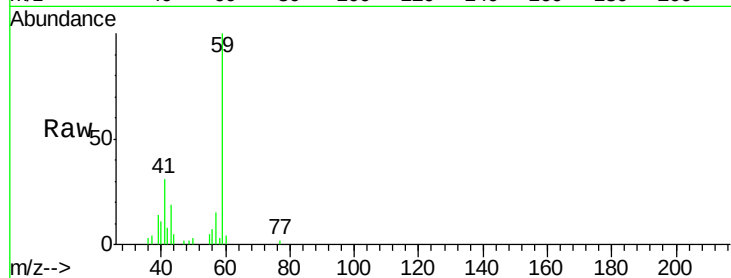
57 7.9 8.2 12.4#

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#12

1,1-Dichloroethene

Concen: 21.241 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

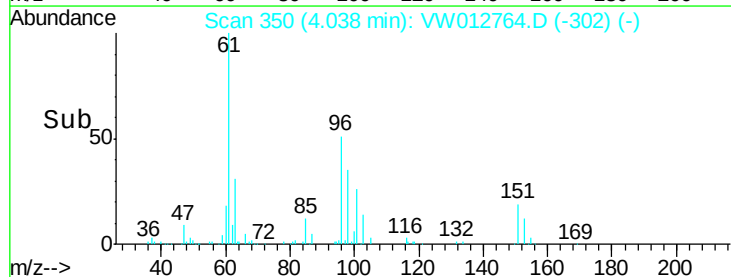
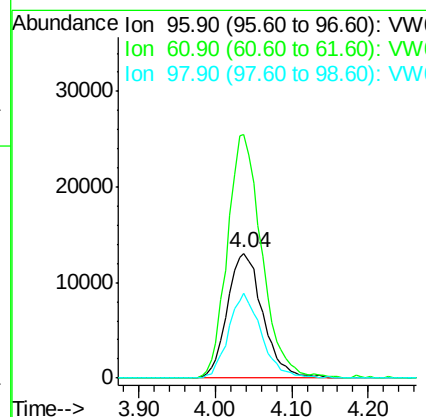
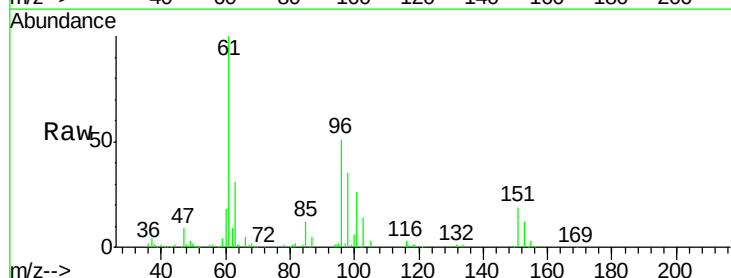
Tgt Ion: 96 Resp: 41938

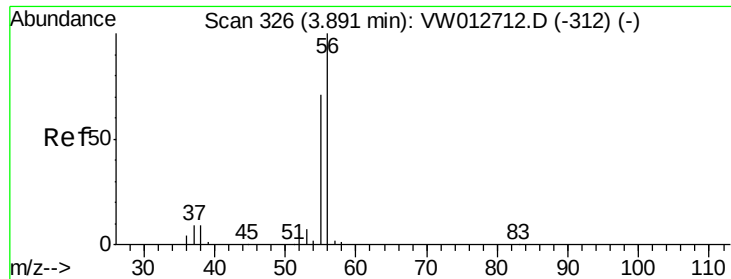
Ion Ratio Lower Upper

96 100

61 194.6 147.8 221.6

98 68.4 47.9 71.9





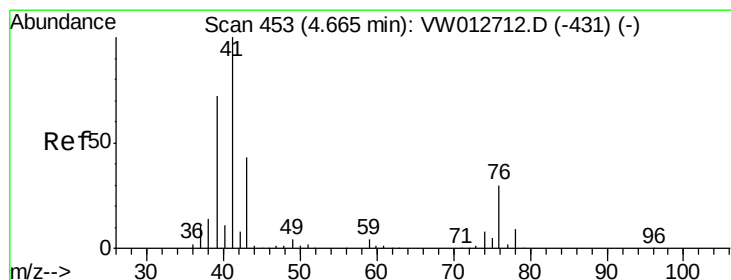
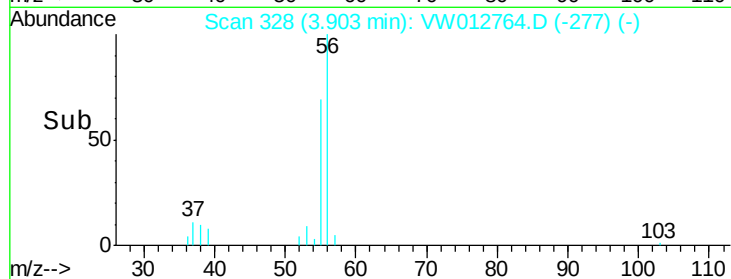
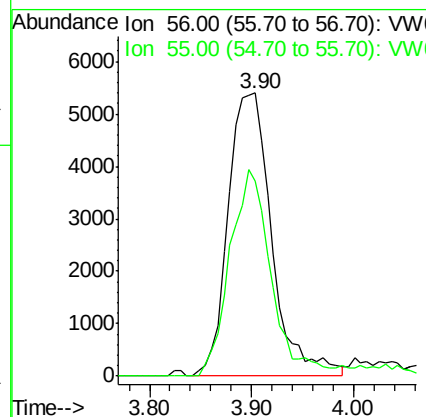
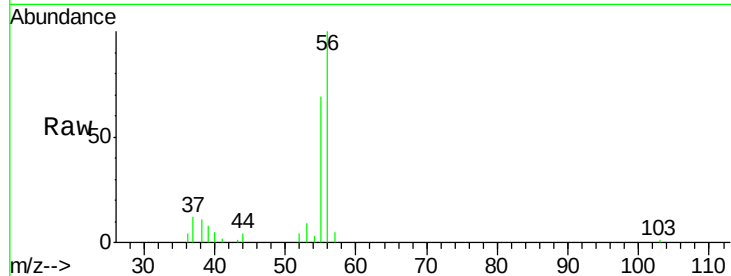
#13
Acrolein
Concen: 74.186 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion	56	Resp	16090
Ion Ratio	100	Lower	Upper
55	68.5	56.9	85.3

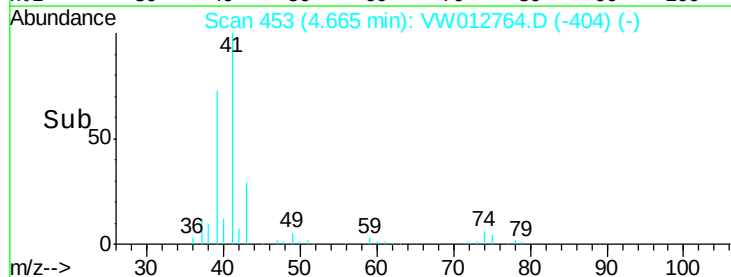
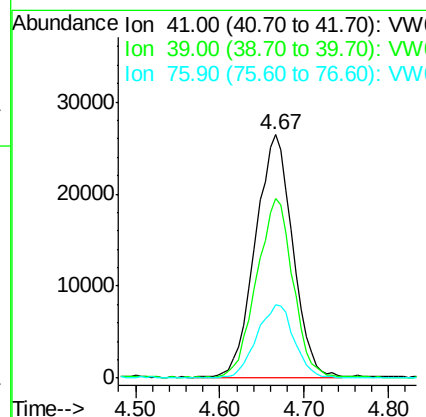
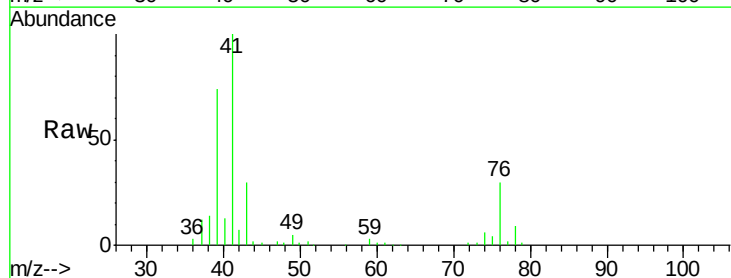
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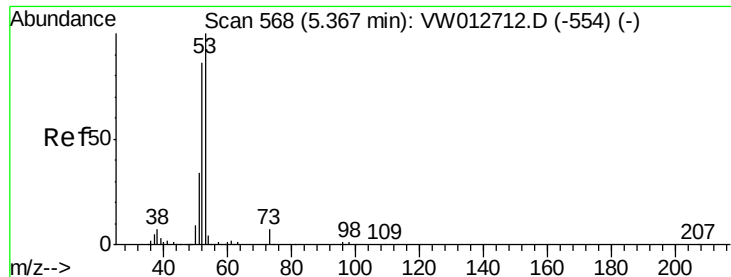
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#14
Allyl chloride
Concen: 19.747 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	41	Resp	80653
Ion Ratio	100	Lower	Upper
39	71.0	55.0	82.6
76	30.2	23.0	34.4





#15

Acrylonitrile

Concen: 80.656 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

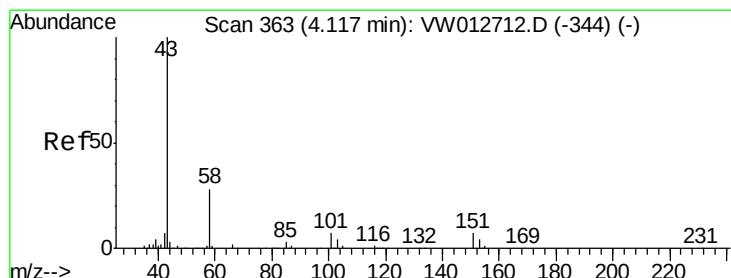
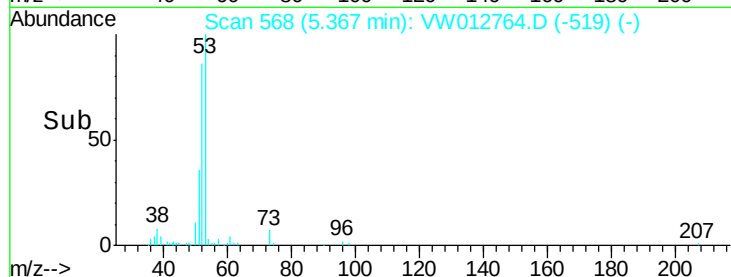
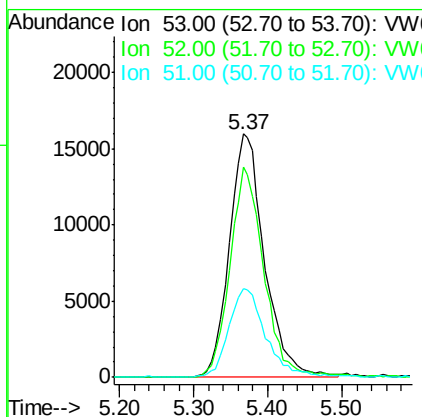
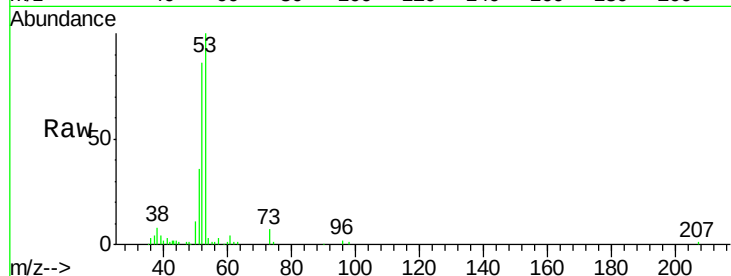
ClientSampleId :

VW0908SBS01

Tot Ion:	53	Resp:	52769
Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.0	100.4
51	38.6	29.8	44.8

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#16

Acetone

Concen: 75.624 ug/l

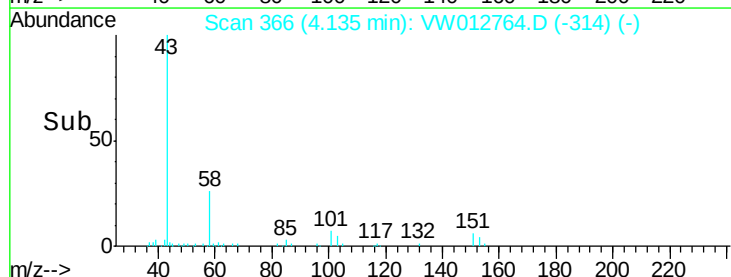
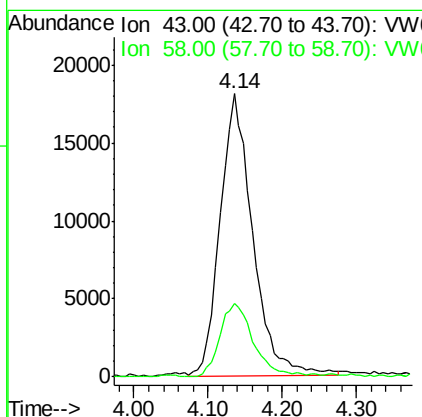
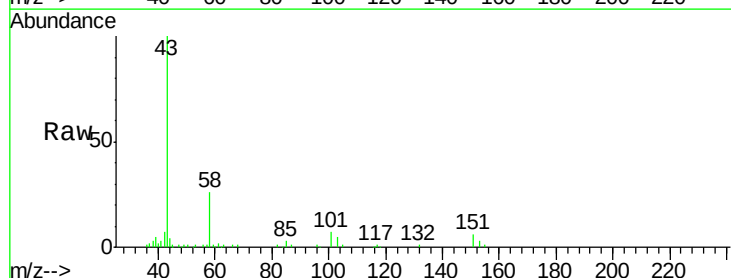
RT: 4.14 min Scan# 366

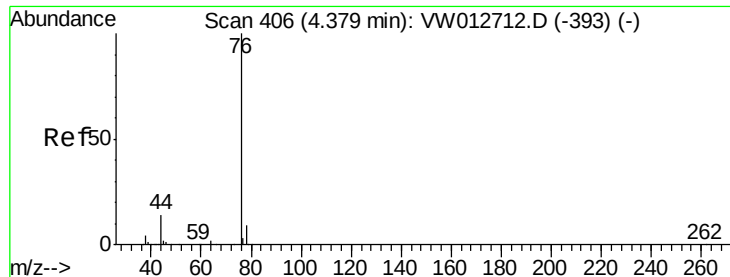
Delta R.T. 0.02 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion:	43	Resp:	55073
Ion	Ratio	Lower	Upper
43	100		
58	25.9	22.6	33.8





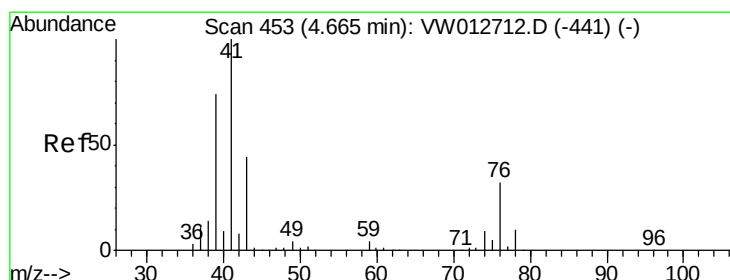
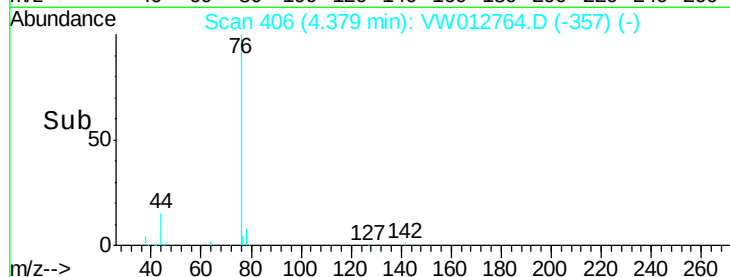
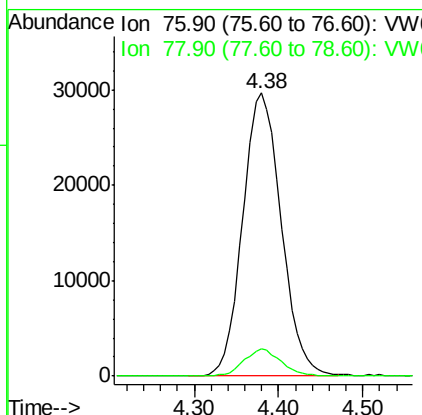
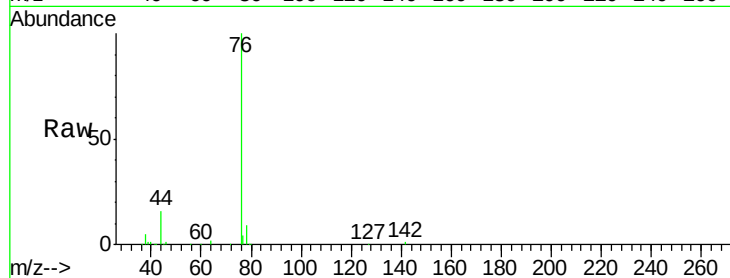
#17
Carbon Disulfide
Concen: 21.988 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

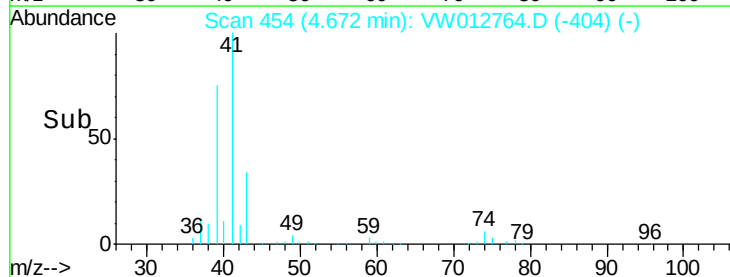
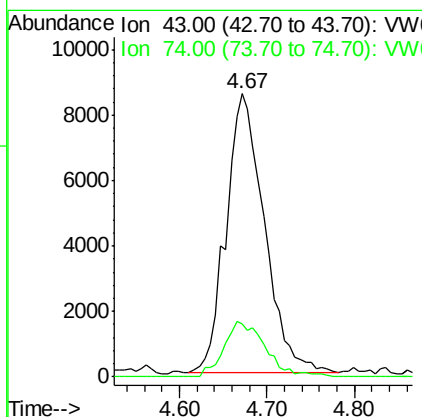
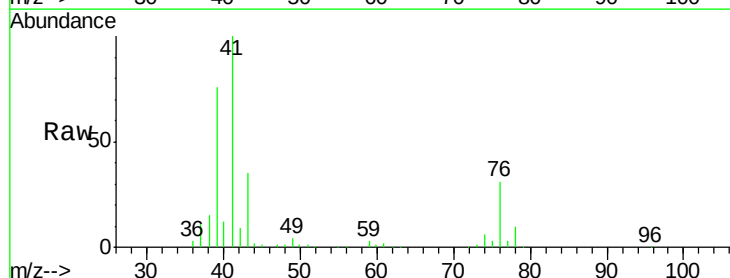
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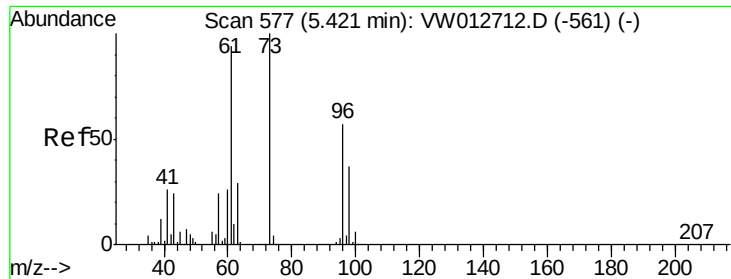
MMDadoda
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#18
Methyl Acetate
Concen: 15.146 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	15.8	23.6





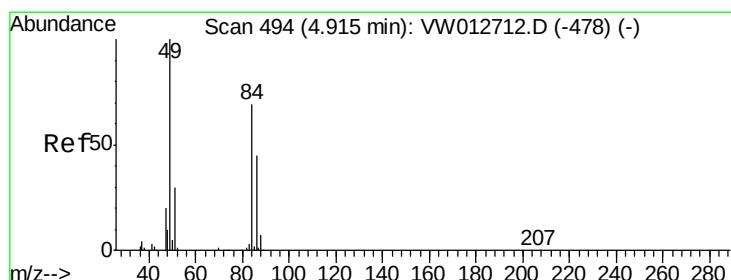
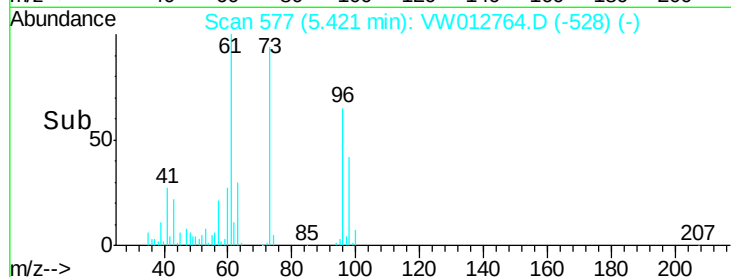
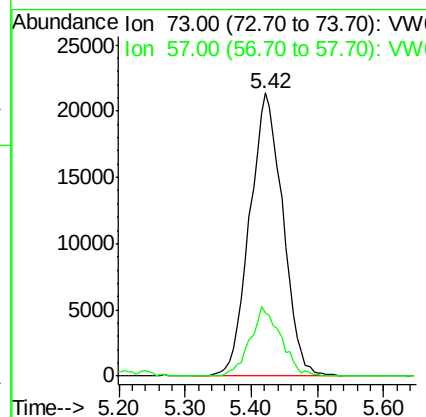
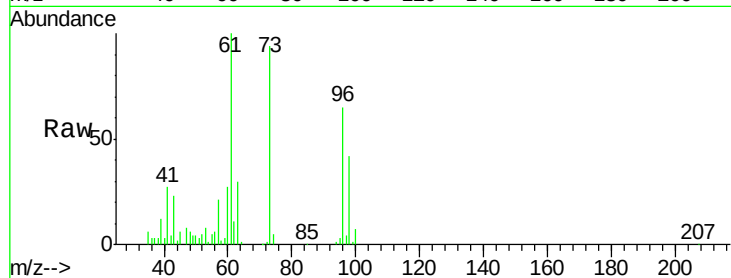
#19
Methyl tert-butyl Ether
Concen: 19.017 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion: 73 Resp: 74463
Ion Ratio Lower Upper
73 100
57 22.5 19.2 28.8

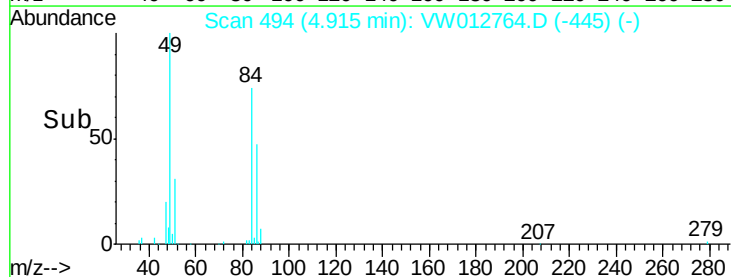
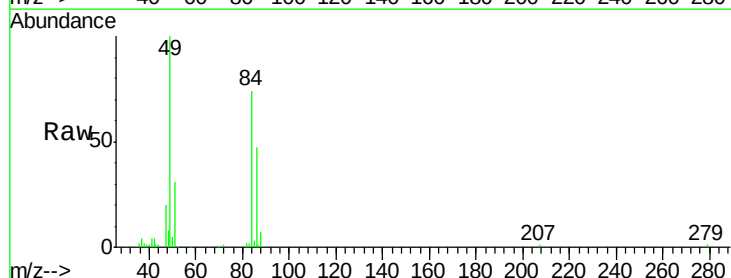
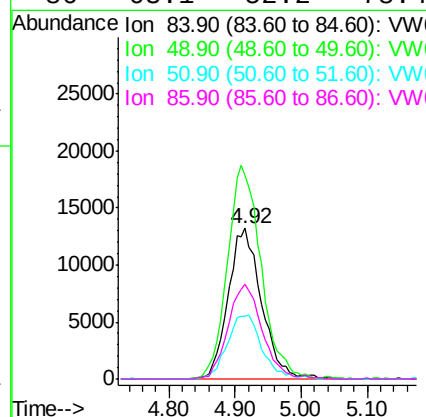
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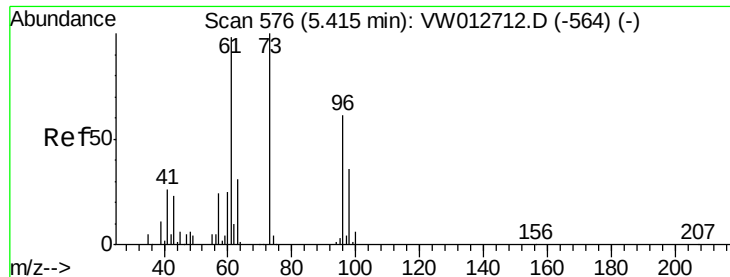
MMDadoda
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#20
Methylene Chloride
Concen: 20.247 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 84 Resp: 46129
Ion Ratio Lower Upper
84 100
49 134.8 115.4 173.0
51 41.6 34.9 52.3
86 63.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.928 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

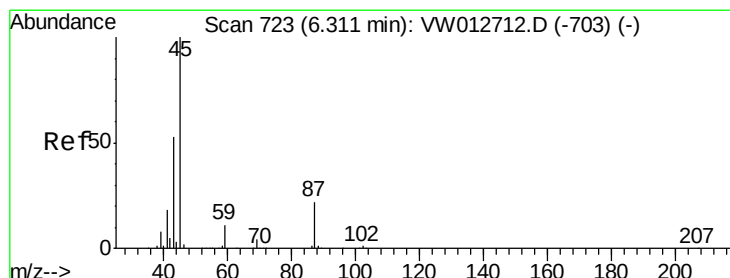
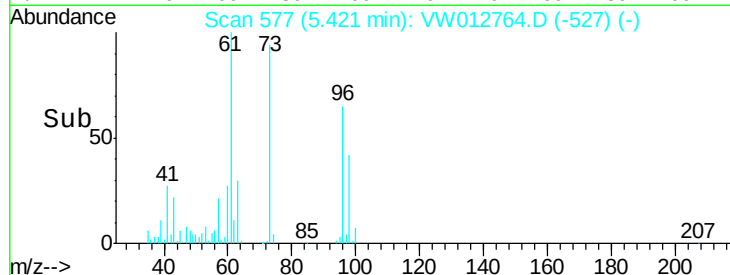
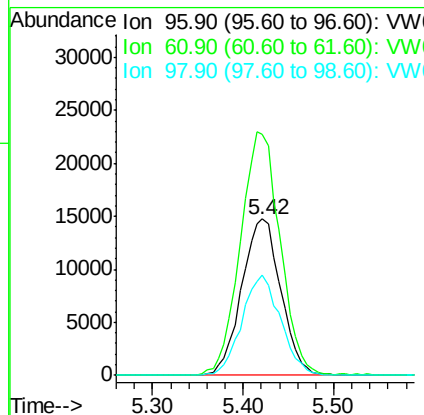
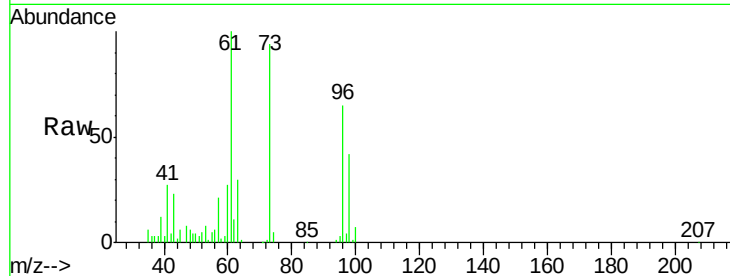
ClientSampleId :

VW0908SBS01

Tot Ion:	96	Resp:	44175
Ion	Ratio	Lower	Upper
96	100		
61	154.2	129.2	193.8
98	64.2	48.0	72.0

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#22

Diisopropyl ether

Concen: 19.821 ug/l

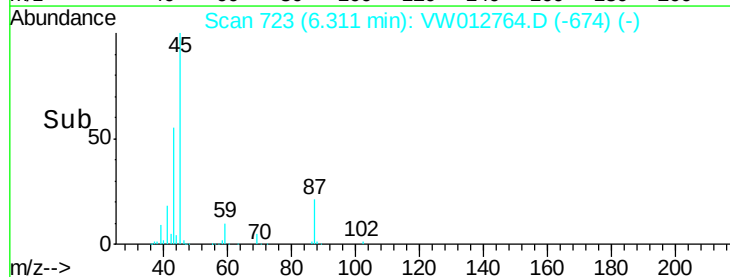
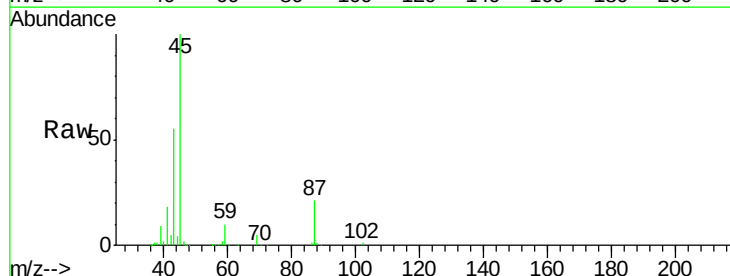
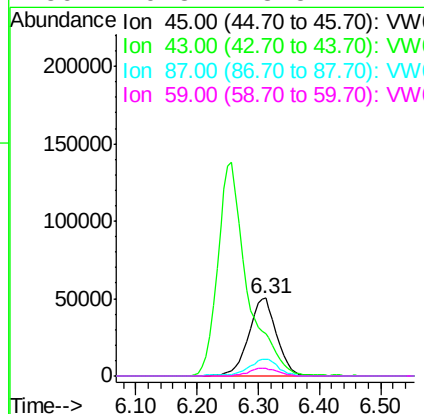
RT: 6.31 min Scan# 723

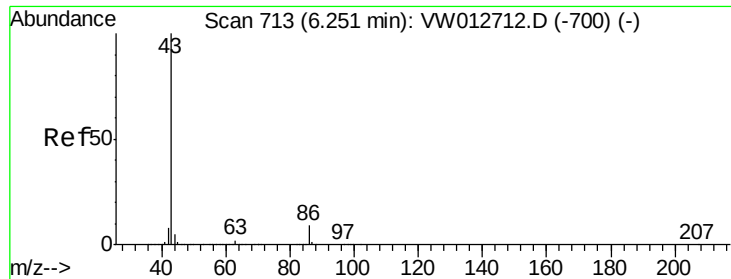
Delta R.T. 0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion:	45	Resp:	160560
Ion	Ratio	Lower	Upper
45	100		
43	54.6	42.3	63.5
87	21.3	18.2	27.2
59	9.8	8.5	12.7





#23

Vinyl Acetate

Concen: 89.988 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS01

Tot Ion: 43 Resp: 461968

Ion Ratio Lower Upper

43 100

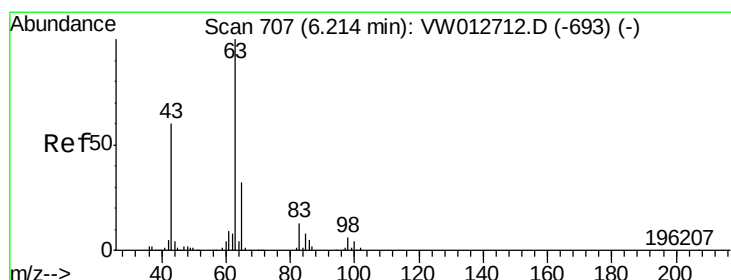
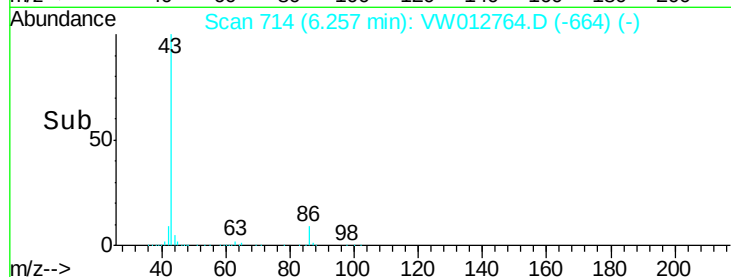
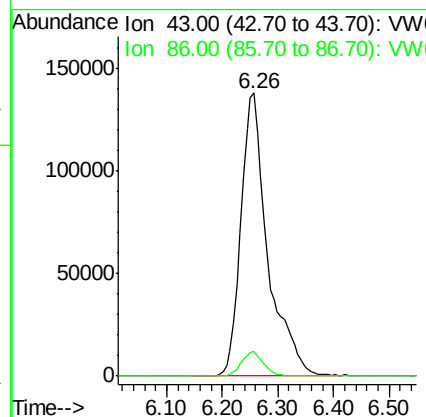
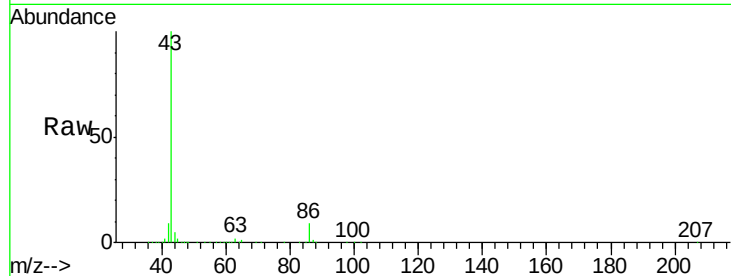
86 8.9 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 20.946 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

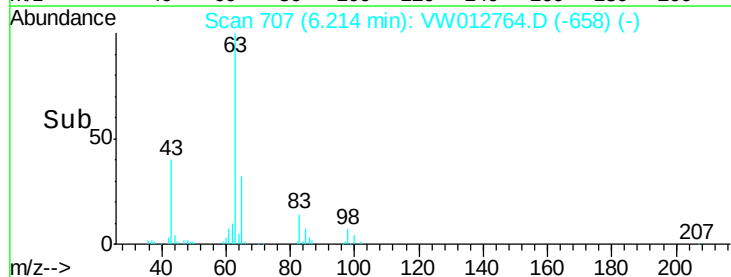
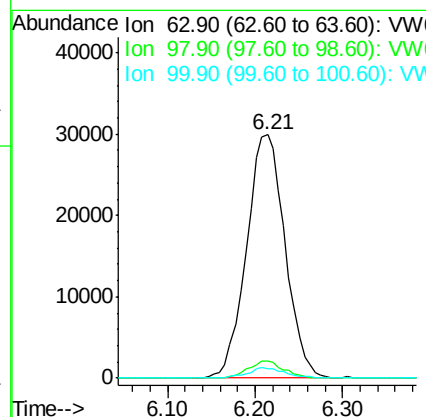
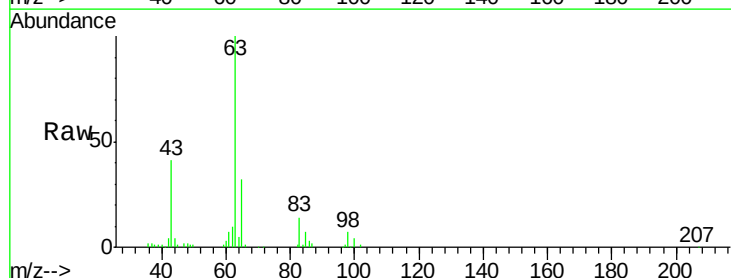
Tgt Ion: 63 Resp: 91360

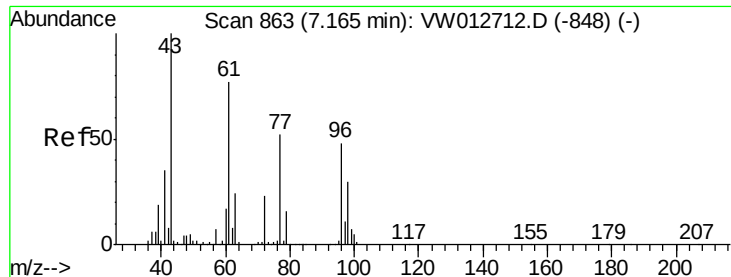
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 4.0 1.8 5.5





#25

2-Butanone

Concen: 76.891 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampled :

VW0908SBS01

Tot Ion: 43 Resp: 66587

Ion Ratio Lower Upper

43 100

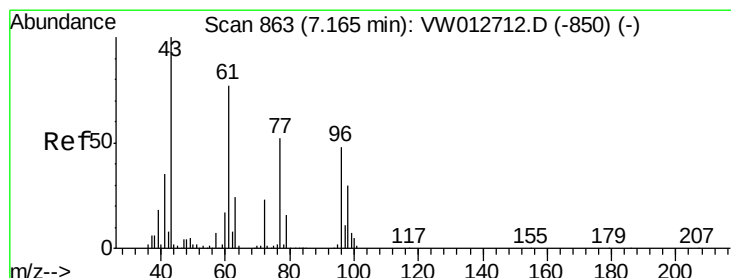
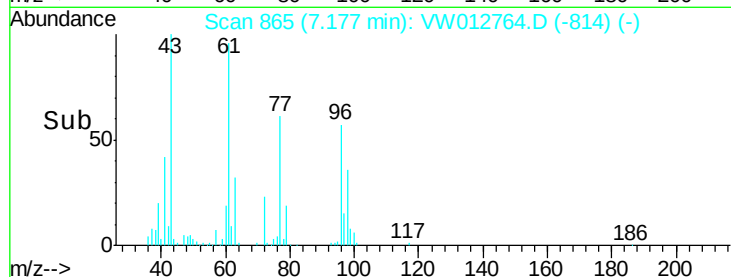
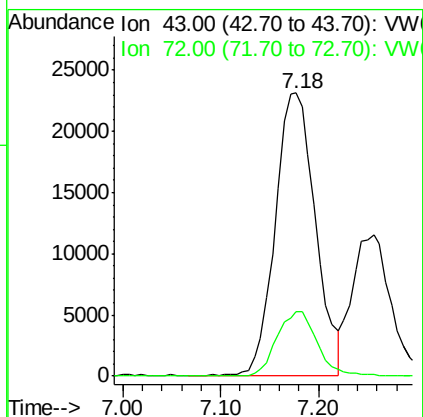
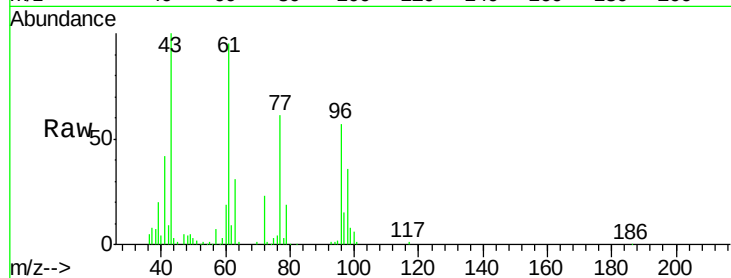
72 22.7 18.0 27.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.759 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012764.D

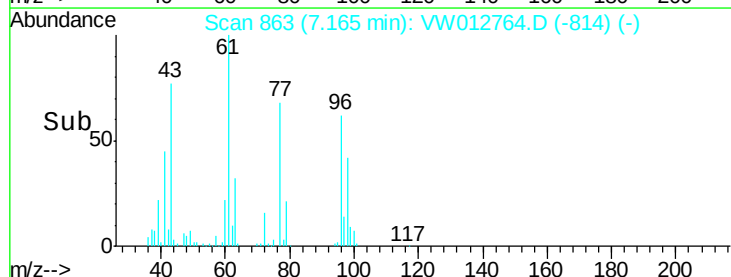
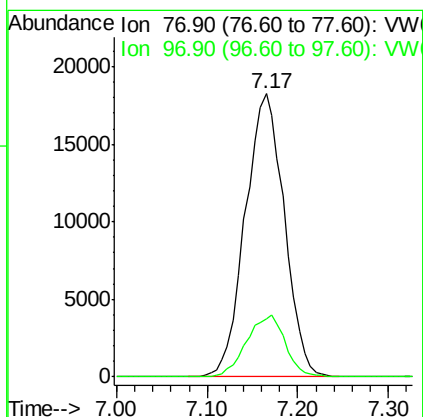
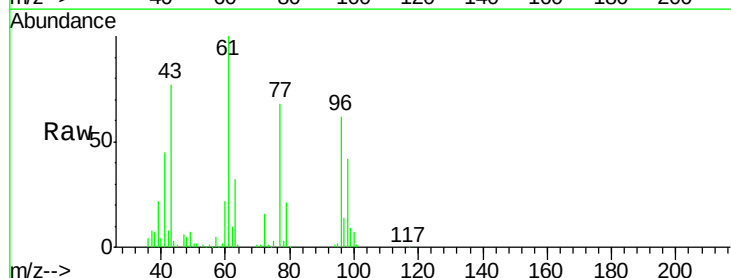
Acq: 08 Sep 2019 13:01

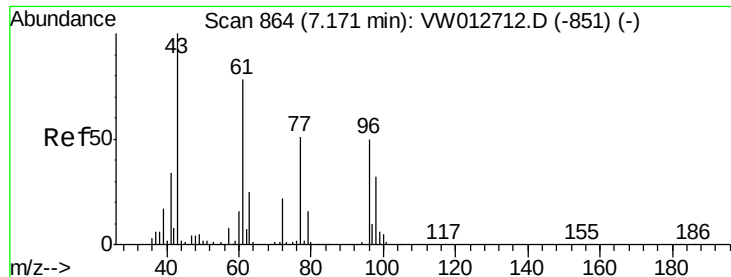
Tgt Ion: 77 Resp: 54431

Ion Ratio Lower Upper

77 100

97 21.5 10.7 32.1





#27

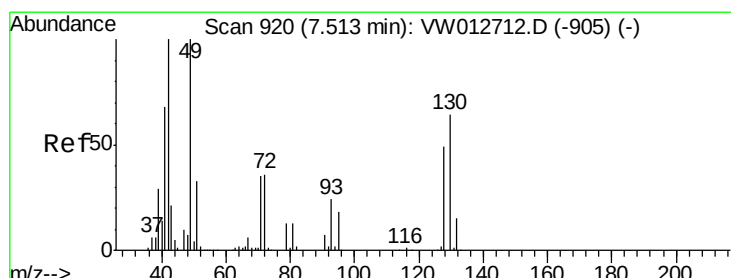
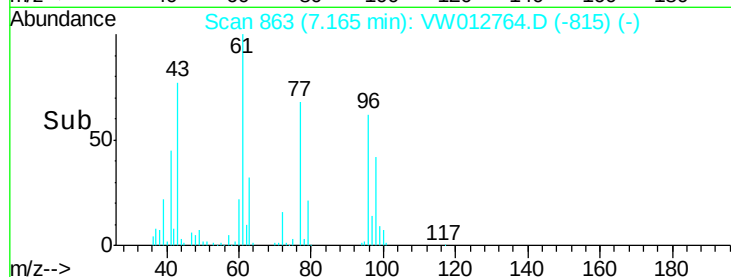
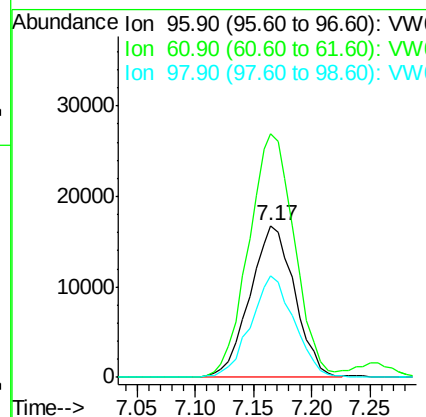
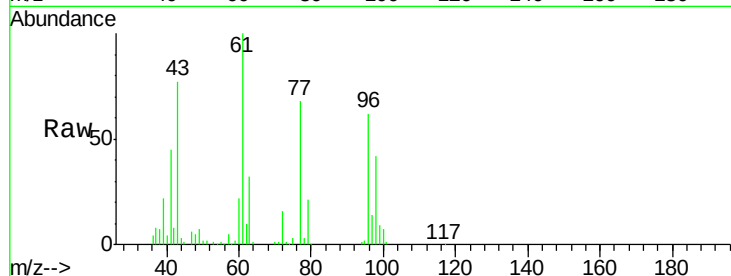
cis-1,2-Dichloroethene
Concen: 19.089 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampled :
VW0908SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.0	0.0	325.8
98	65.1	0.0	127.0

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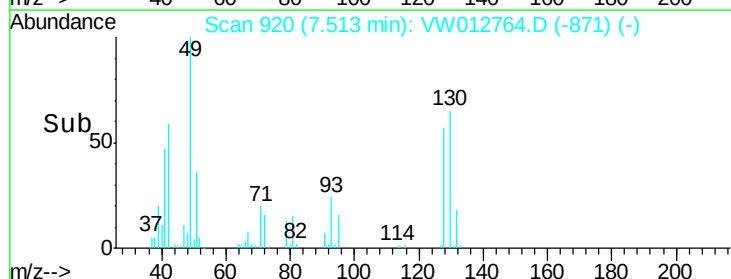
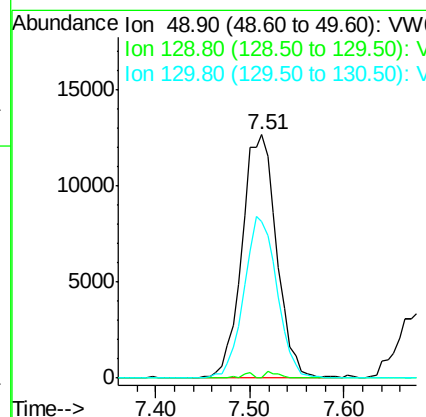
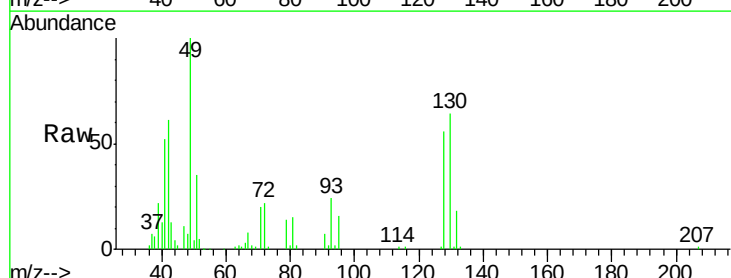
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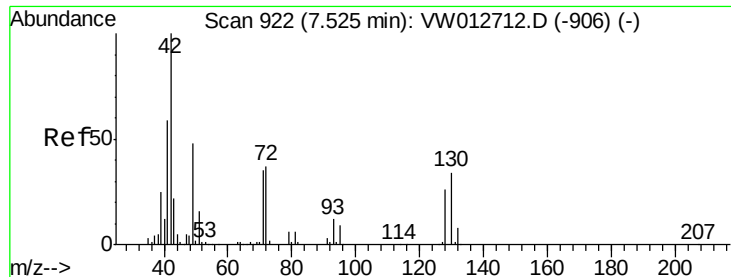


#28

Bromochloromethane
Concen: 16.231 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	0.8#
130	63.3	49.8	74.8





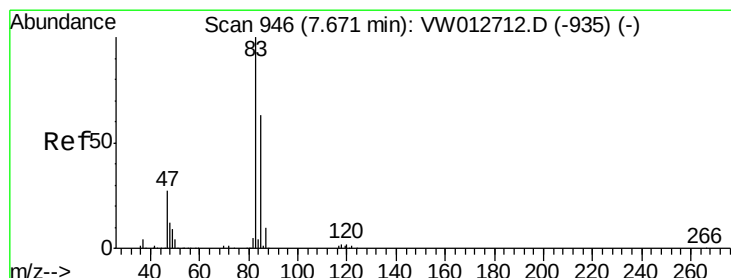
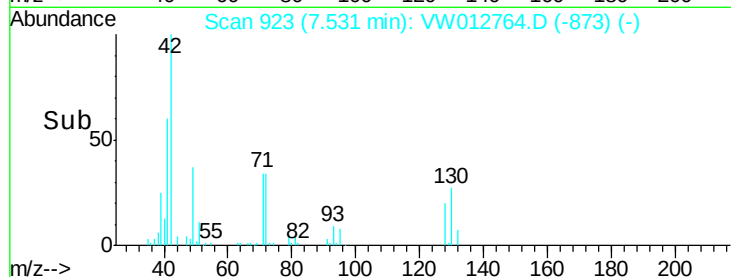
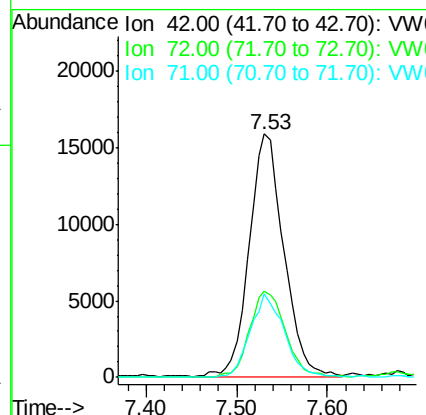
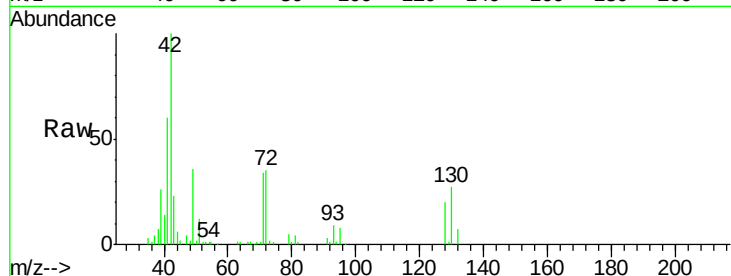
#29
Tetrahydrofuran
Concen: 70.820 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.0	28.4	42.6
71	34.1	27.1	40.7

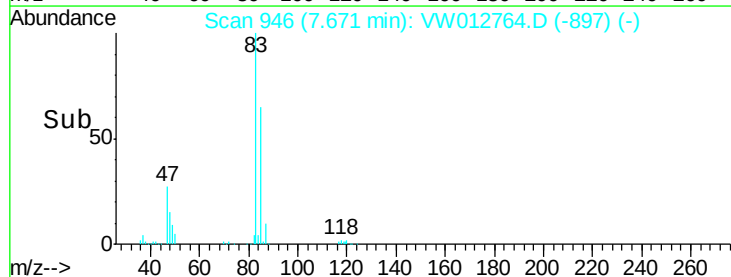
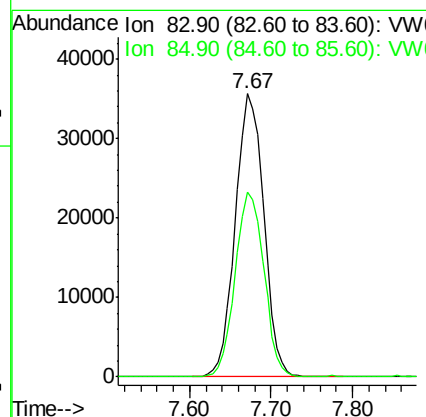
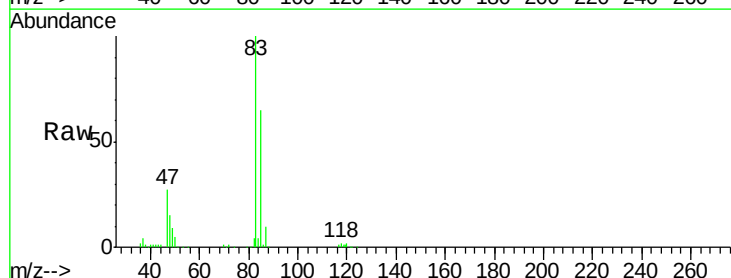
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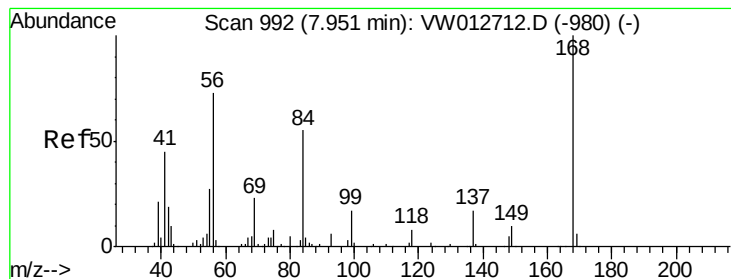
MMDadoda
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#30
Chloroform
Concen: 19.920 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.6	76.0





#31

Cyclohexane

Concen: 20.863 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

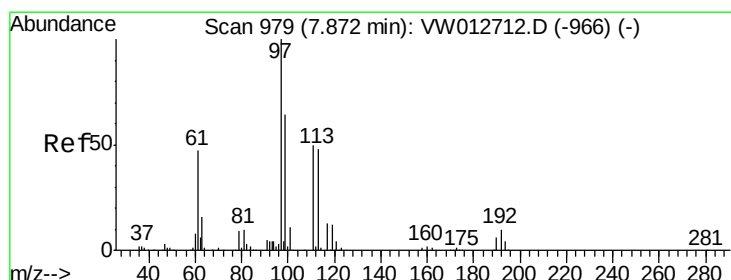
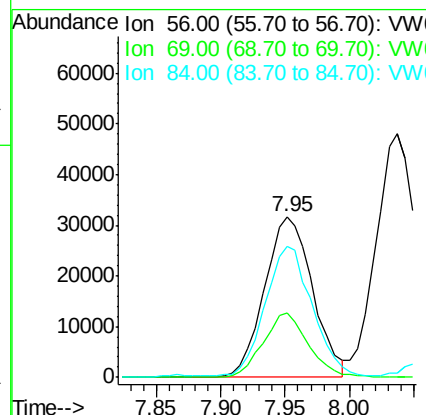
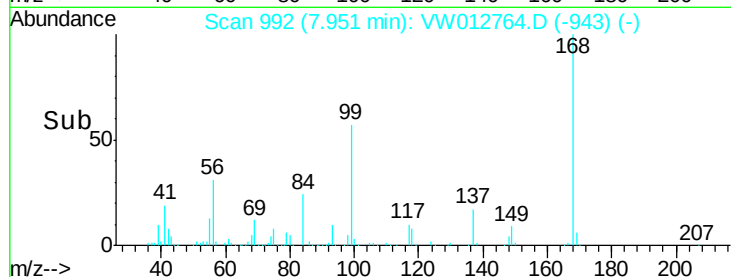
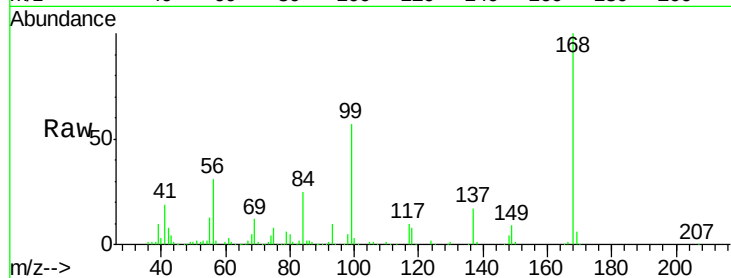
ClientSampleId :

VW0908SBS01

Tot Ion:	56	Resp:	81923
Ion Ratio	Lower	Upper	
56	100		
69	39.8	25.7	38.5#
84	80.2	60.4	90.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.359 ug/l

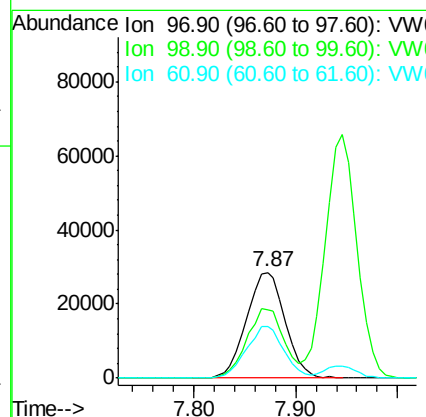
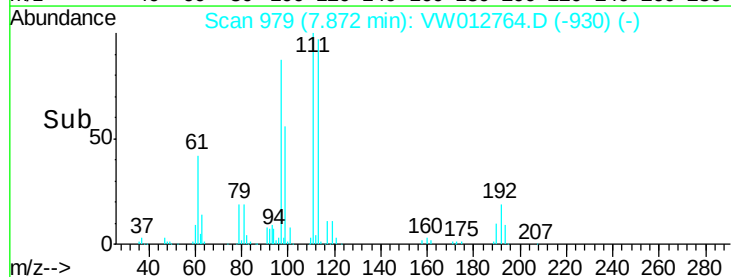
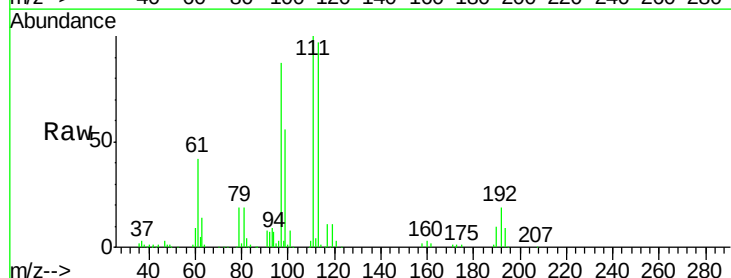
RT: 7.87 min Scan# 979

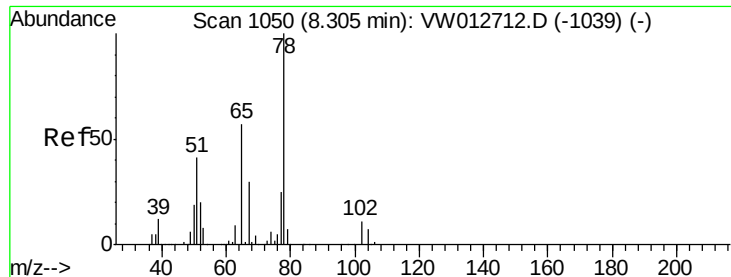
Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion:	97	Resp:	74840
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.5	77.3
61	47.7	37.9	56.9





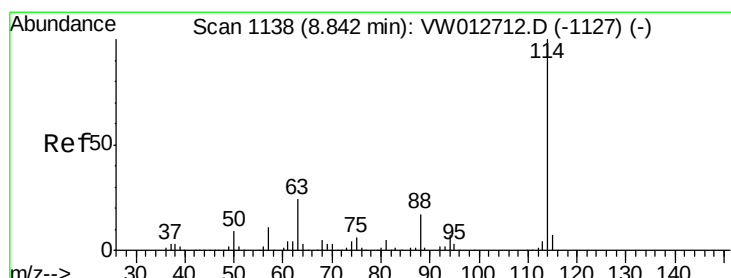
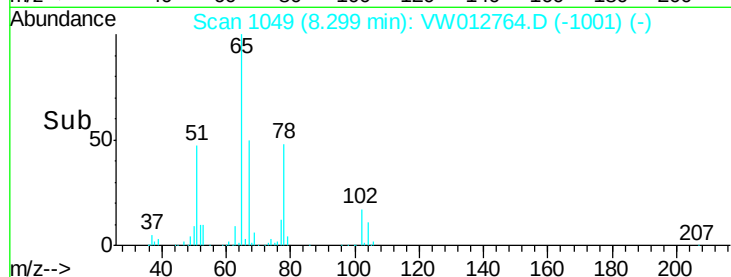
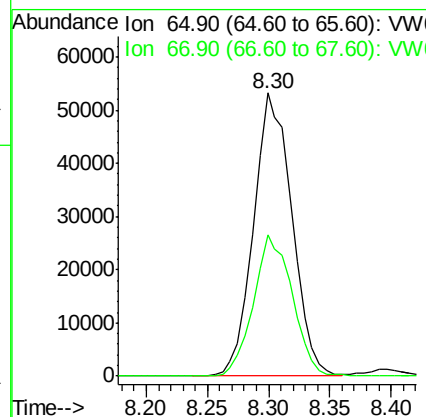
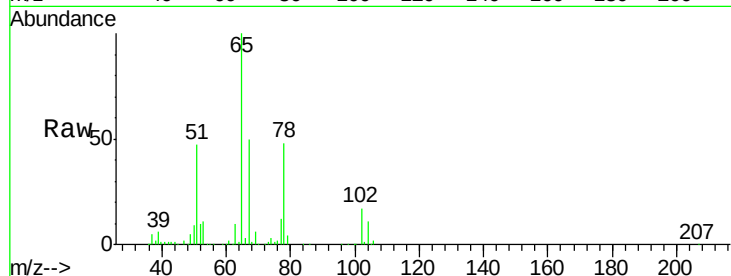
#33
 1,2-Dichloroethane-d4
 Concen: 43.439 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Instrument :
 MSVOA_W
 ClientSampled :
 VW0908SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	116037		
67	50.3	0.0	101.8	

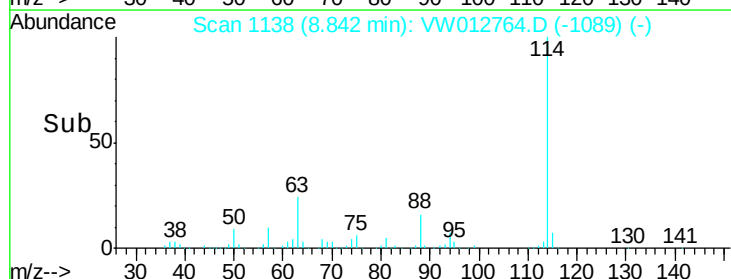
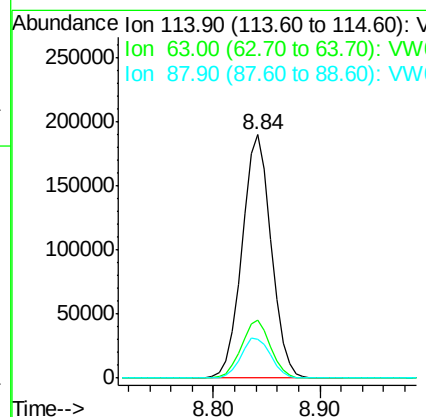
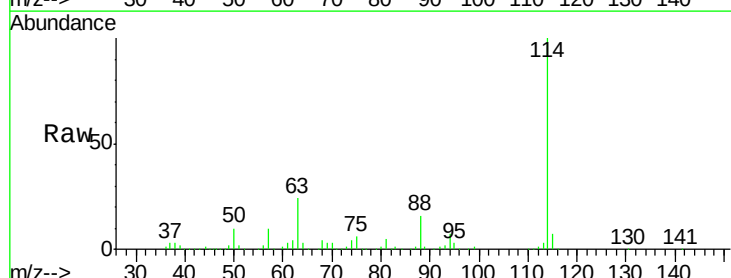
Manual Integrations
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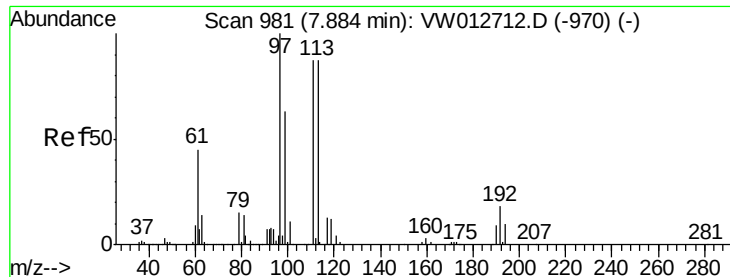
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	365645		
63	23.6	0.0	47.2	
88	16.0	0.0	34.0	





#35

Dibromofluoromethane

Concen: 43.442 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

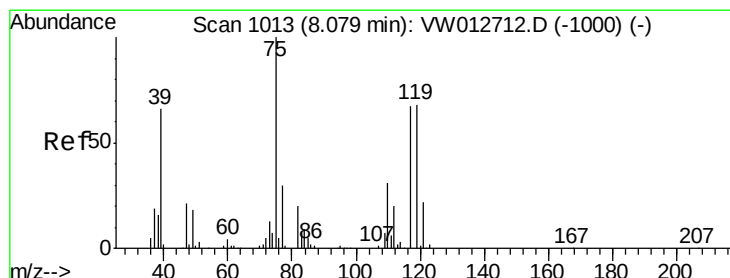
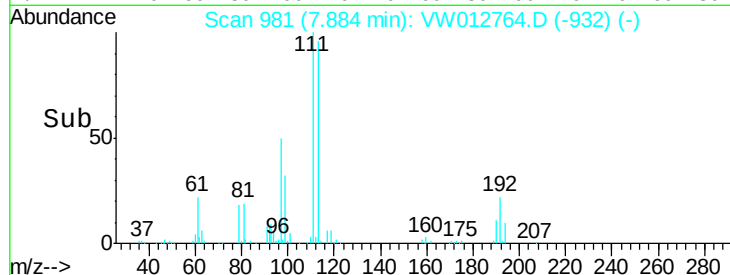
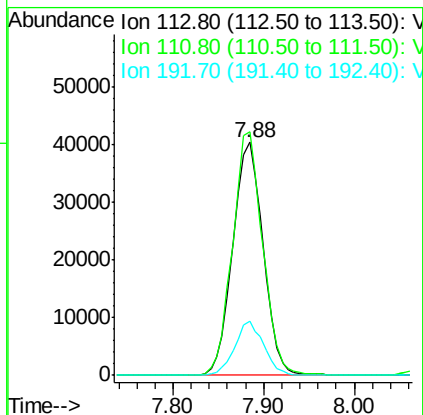
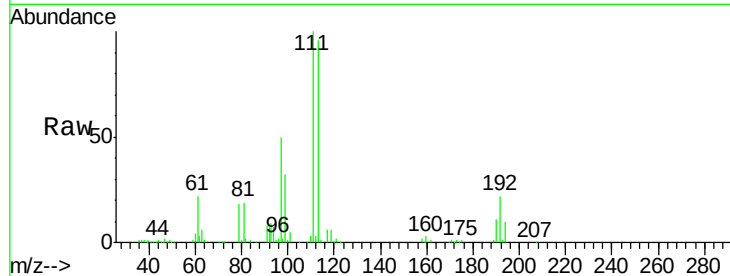
ClientSampleId :

VW0908SBS01

Tot Ion:	113	Resp:	94437
Ion Ratio	Lower	Upper	
113	100		
111	103.0	80.2	120.4
192	22.0	17.3	25.9

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#36

1,1-Dichloropropene

Concen: 20.920 ug/l

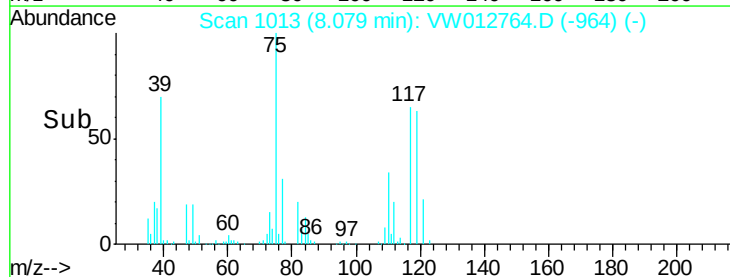
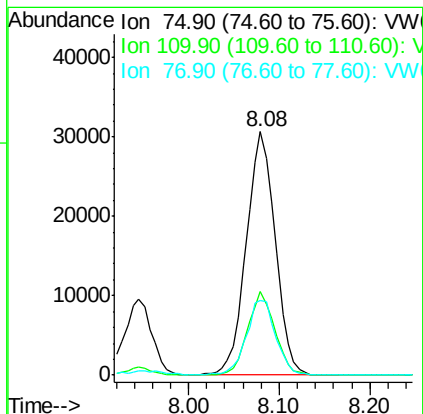
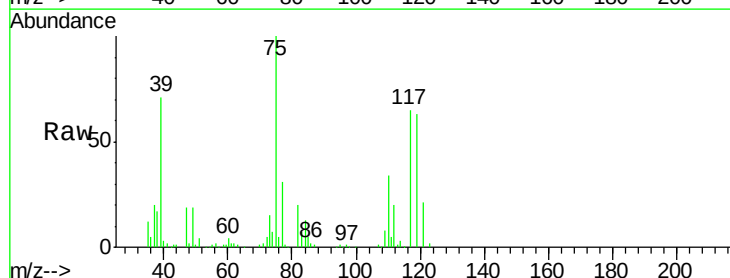
RT: 8.08 min Scan# 1013

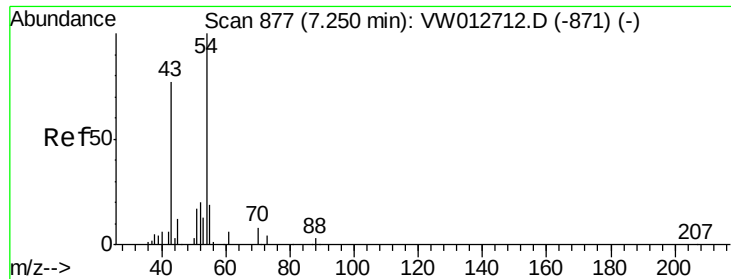
Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion:	75	Resp:	67967
Ion Ratio	Lower	Upper	
75	100		
110	32.2	15.9	47.7
77	31.3	25.0	37.4





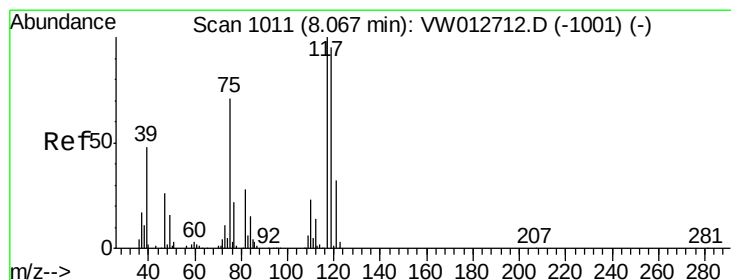
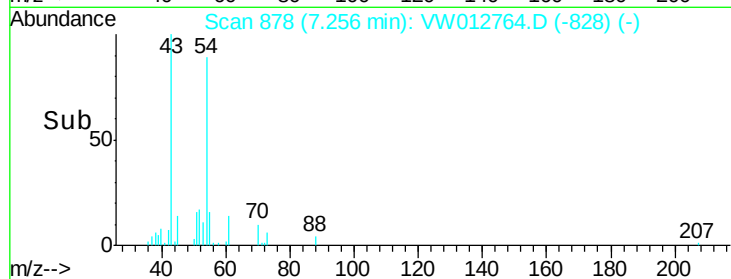
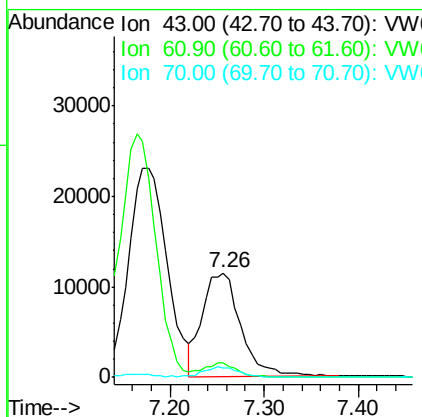
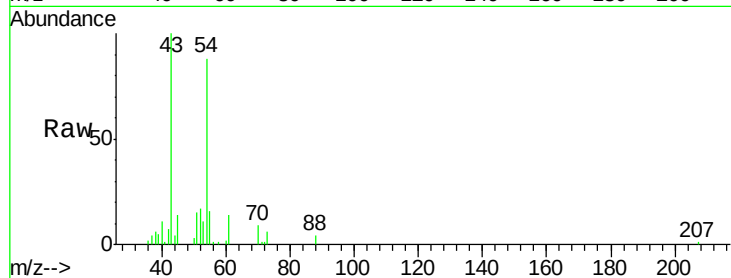
#37
Ethyl Acetate
Concen: 15.773 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampled :
VW0908SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.5	14.3
70	8.6	7.0	10.6

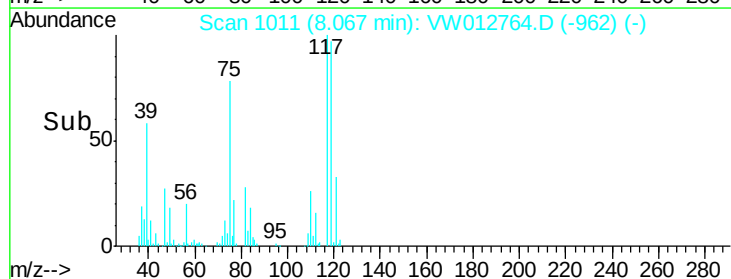
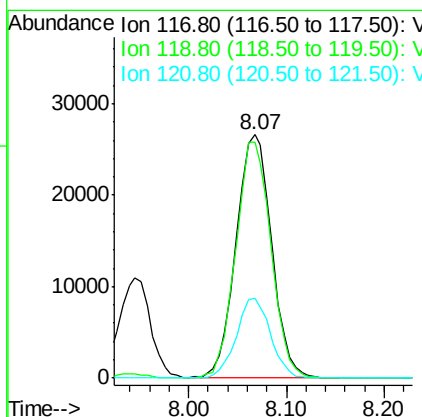
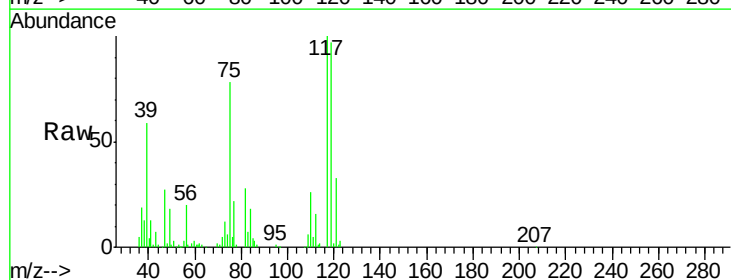
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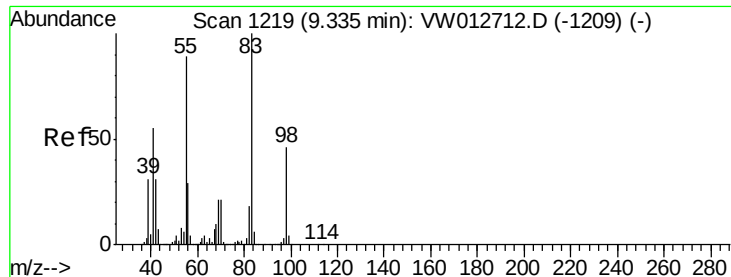
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#38
Carbon Tetrachloride
Concen: 21.013 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.2	114.2
121	32.7	25.4	38.2





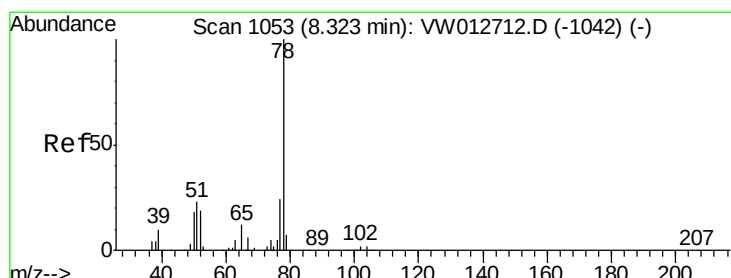
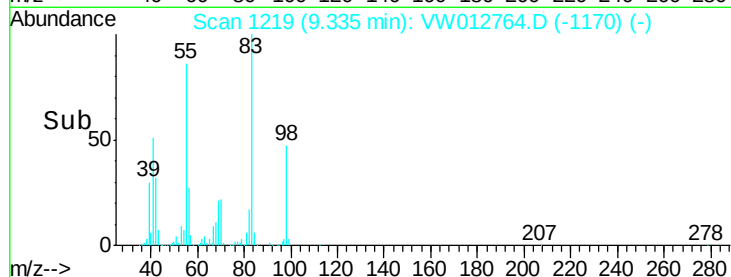
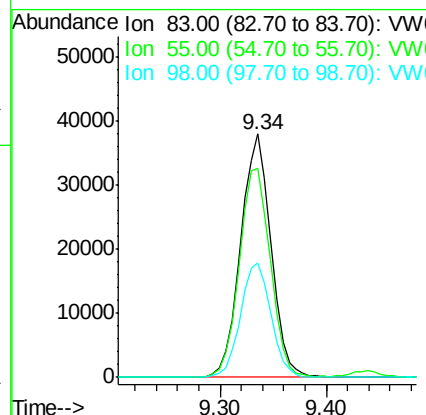
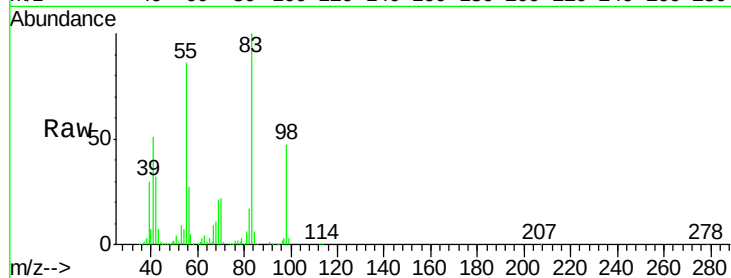
#39
Methylvlcyclohexane
Concen: 20.865 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.8	71.0	106.4
98	47.1	36.9	55.3

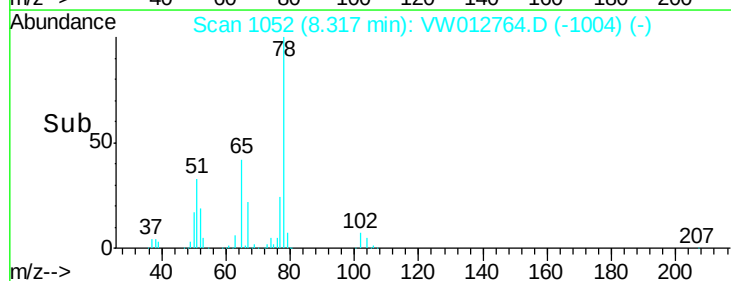
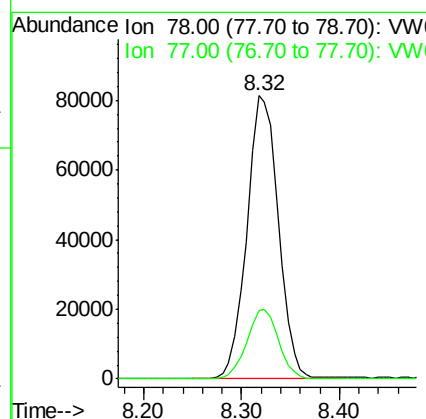
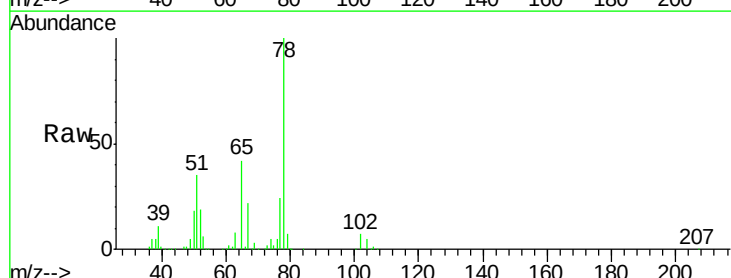
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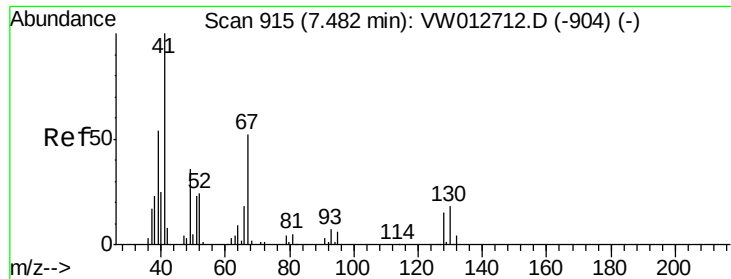
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#40
Benzene
Concen: 20.157 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





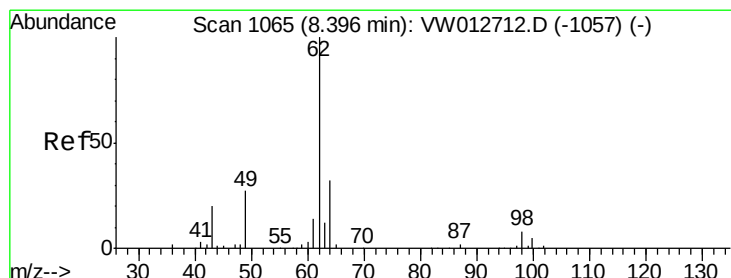
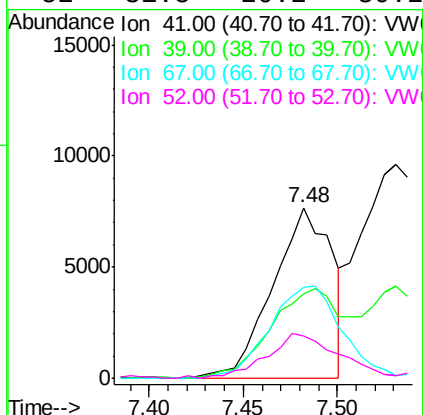
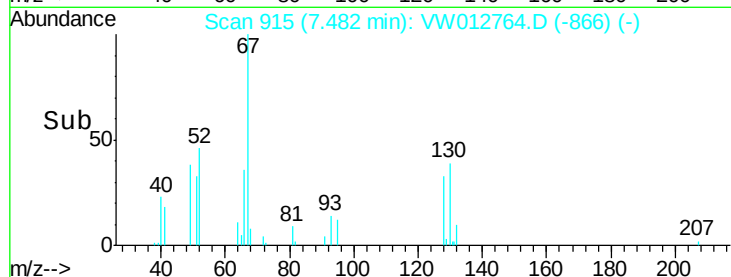
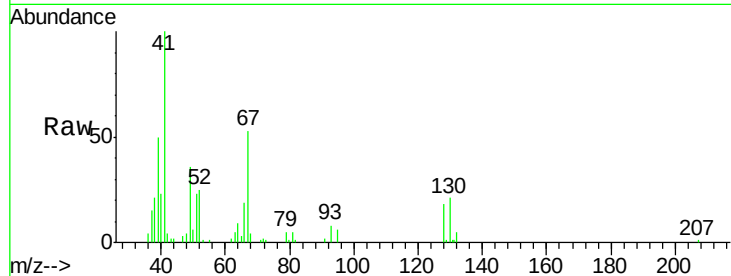
#41
Methacrylonitrile
Concen: 14.805 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.2	47.5	71.3
67	66.2	45.1	67.7
52	31.5	20.2	30.2

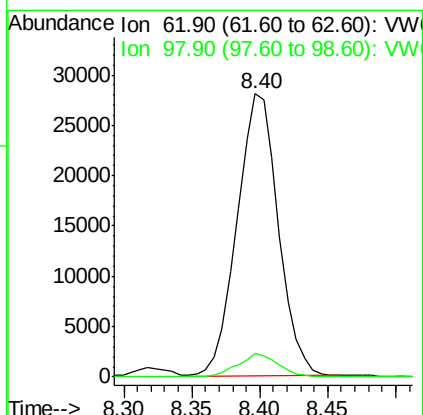
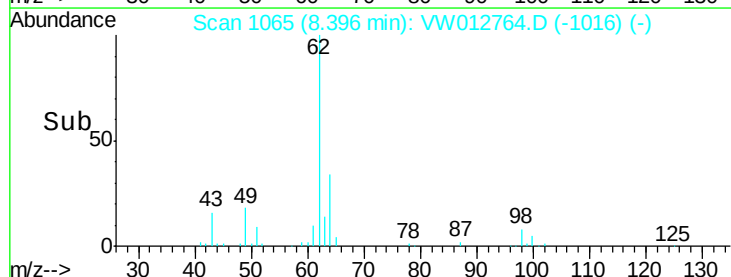
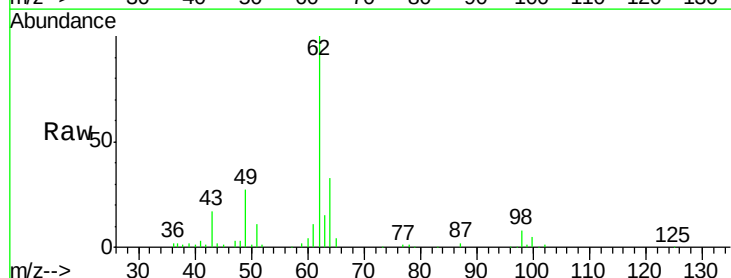
Manual Integrations
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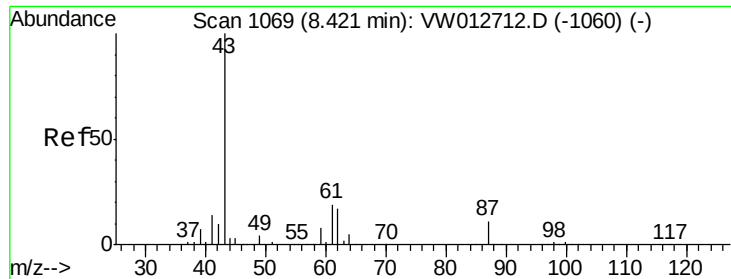
MMDadoda
9/9/2019 11:25:23 AM



#42
1,2-Dichloroethane
Concen: 18.756 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2





#43

Isopropyl Acetate

Concen: 15.790 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

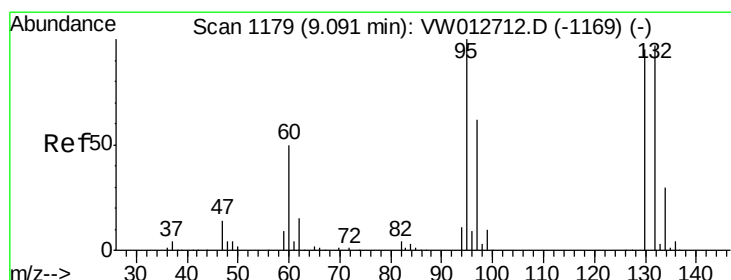
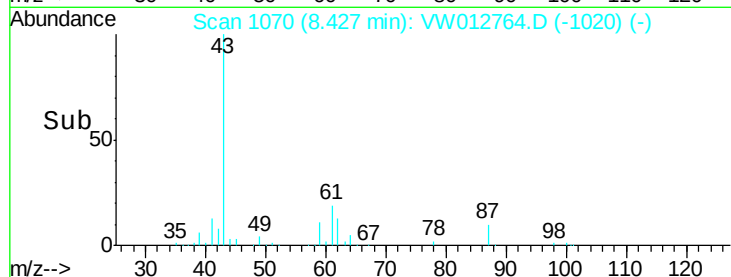
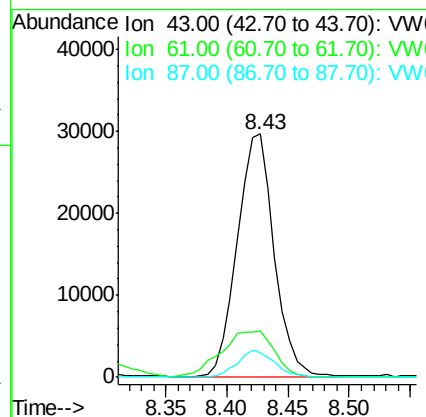
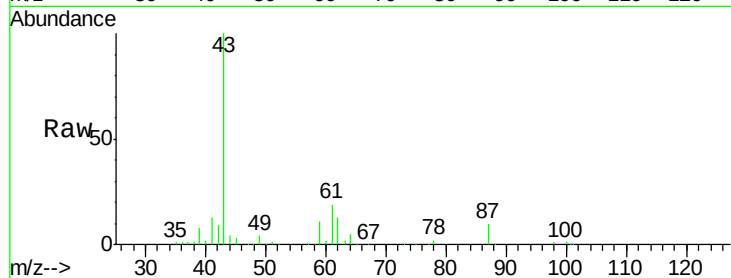
ClientSampleId :

VW0908SBS01

Tot Ion:	43	Resp:	61954
Ion	Ratio	Lower	Upper
43	100		
61	28.0	20.6	30.8
87	11.1	8.6	13.0

Manual Integrations
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#44

Trichloroethene

Concen: 21.015 ug/l

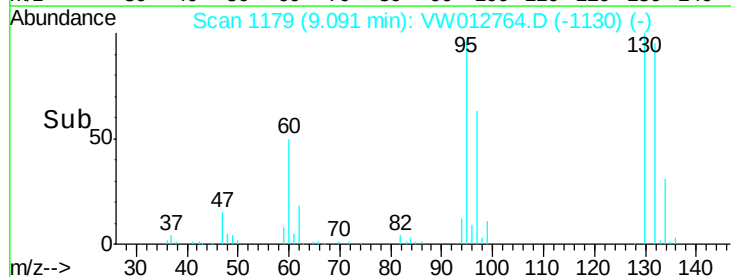
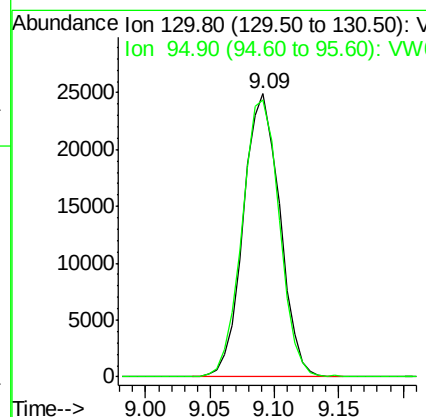
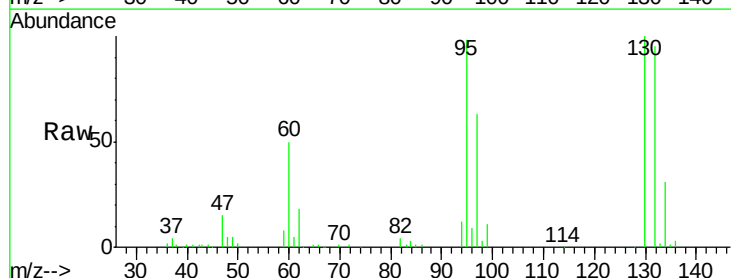
RT: 9.09 min Scan# 1179

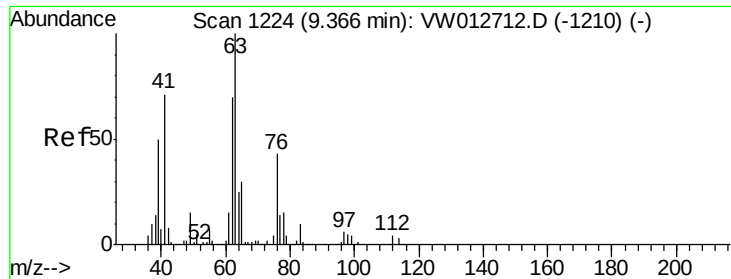
Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion:	130	Resp:	48829
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	210.6





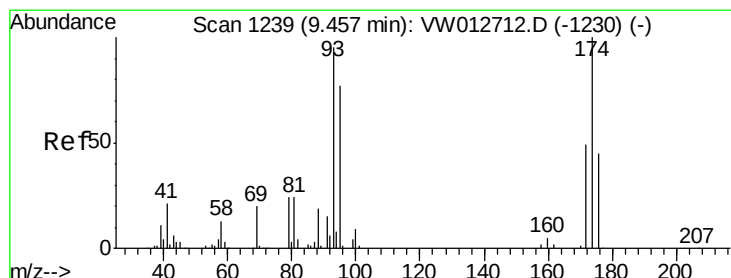
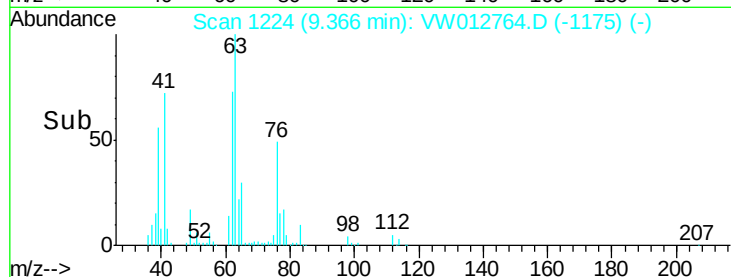
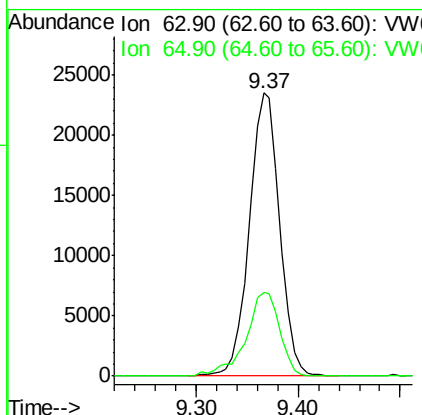
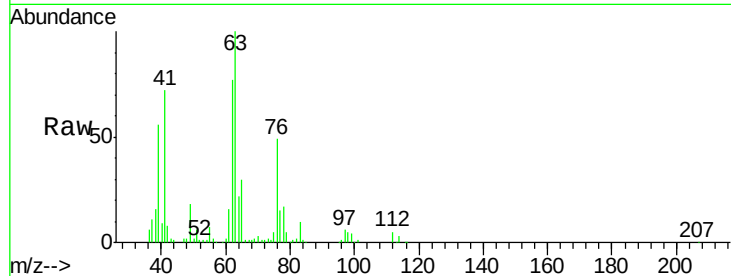
#45
 1,2-Dichloropropane
 Concen: 19.448 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Instrument :
 MSVOA_W
 ClientSampled :
 VW0908SBS01

Tot Ion: 63 Resp: 48622
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.8 35.8

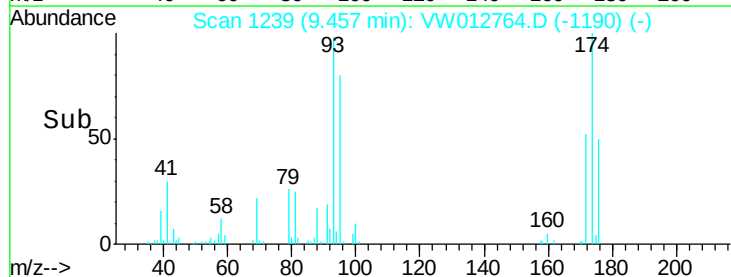
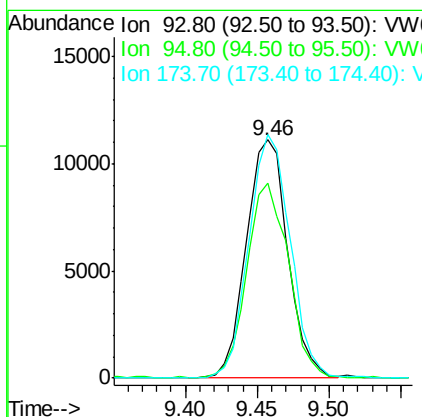
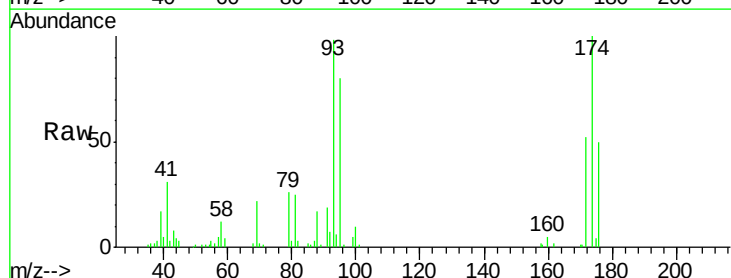
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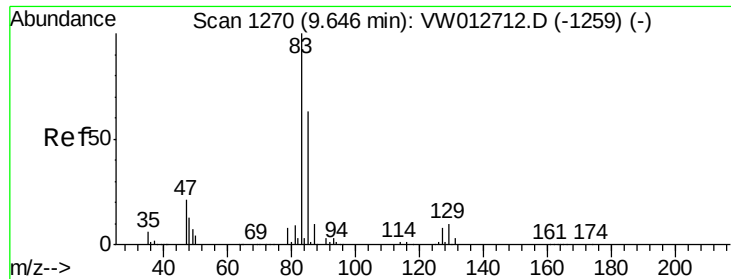
MMDadoda
 9/9/2019 11:25:23 AM



#46
 Dibromomethane
 Concen: 18.649 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion: 93 Resp: 22078
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.2 97.8
 174 102.6 84.2 126.4





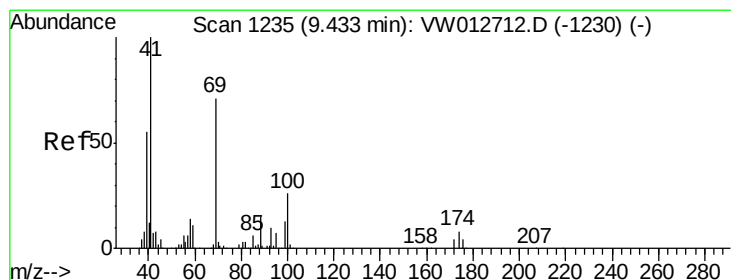
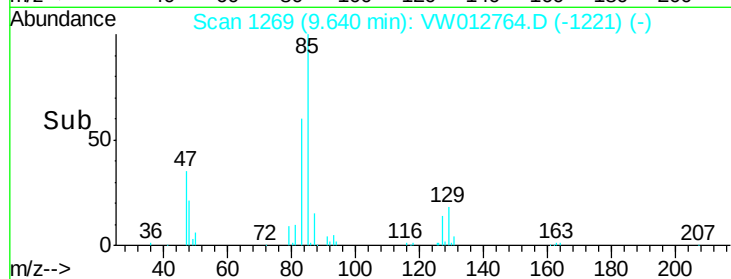
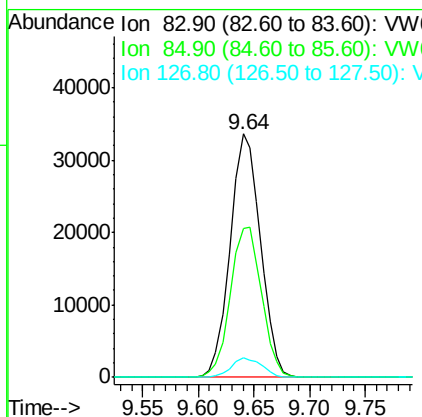
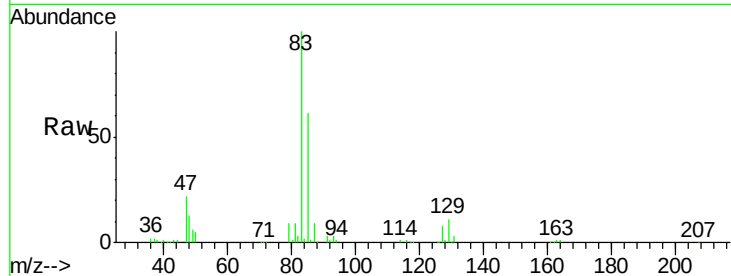
#47
Bromodichloromethane
Concen: 19.541 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

Tot Ion	83	Resp	63648
Ion Ratio	100	Lower	Upper
83	100		
85	61.4	50.2	75.2
127	8.3	6.6	9.8

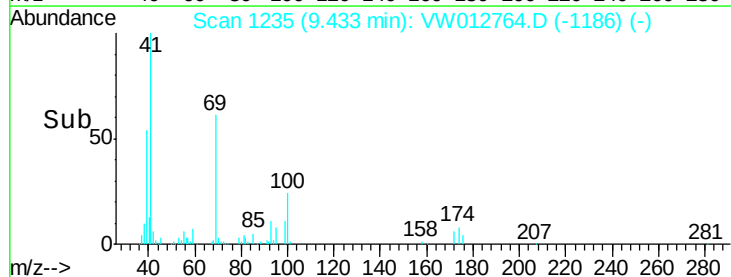
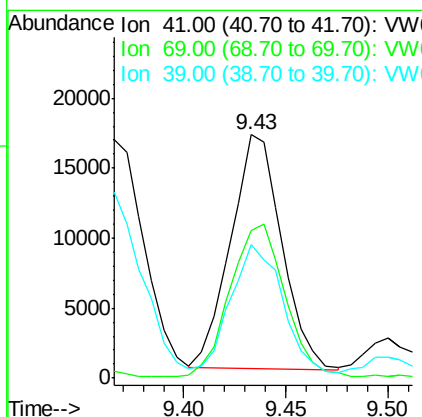
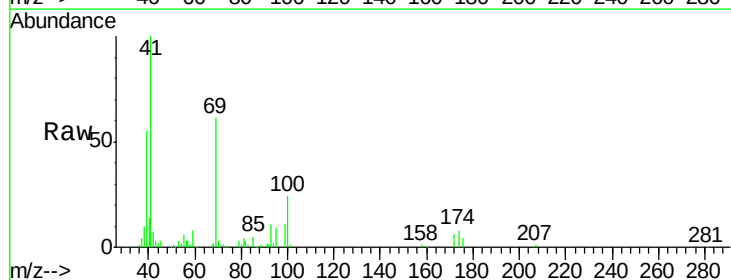
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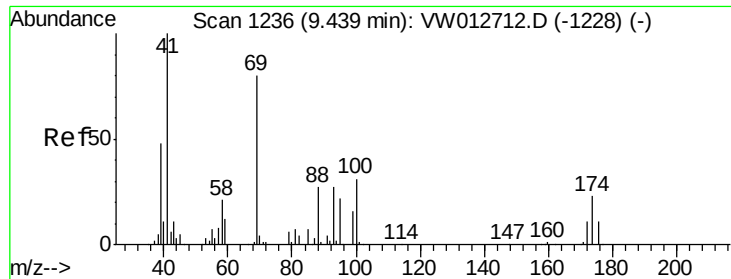
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#48
Methyl methacrylate
Concen: 15.588 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	41	Resp	29229
Ion Ratio	100	Lower	Upper
41	100		
69	70.1	59.8	89.8
39	54.5	47.0	70.6





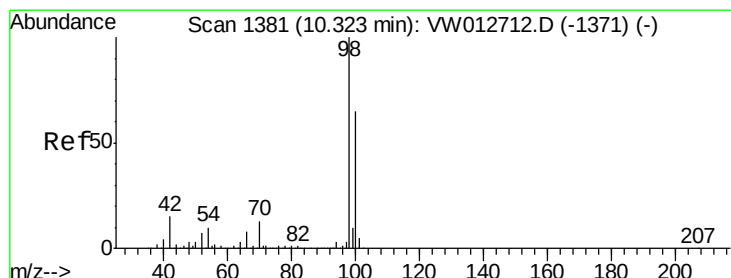
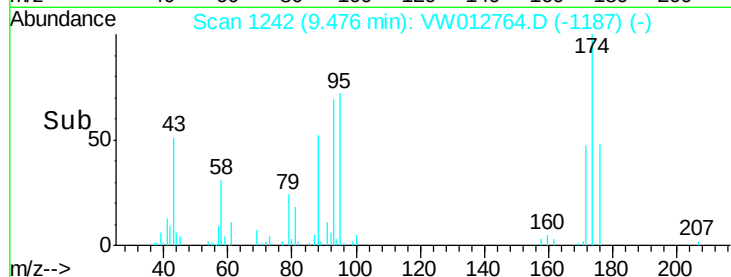
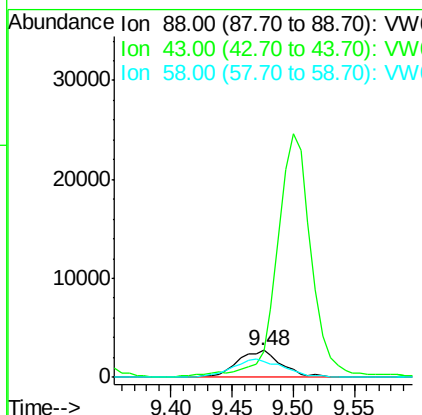
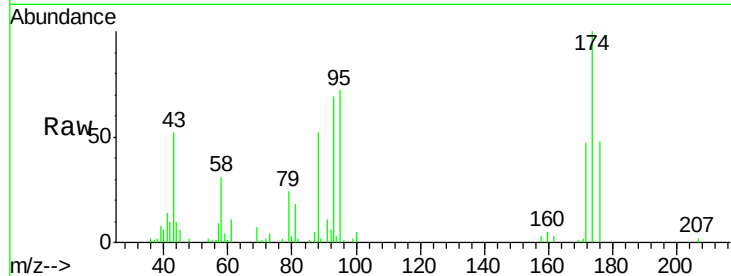
#49
1,4-Dioxane
Concen: 288.049 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.04 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	6736		
43	0.0	34.8	52.2	#
58	79.8	64.1	96.1	

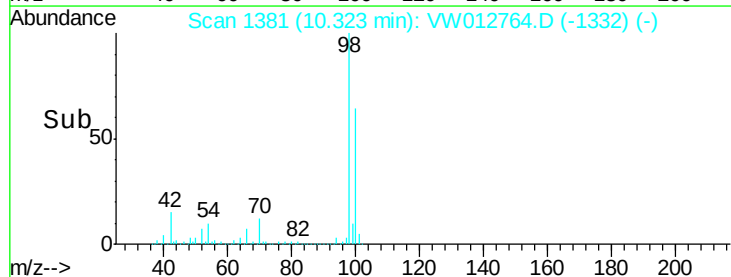
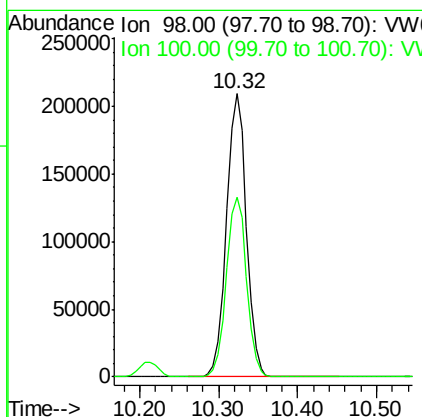
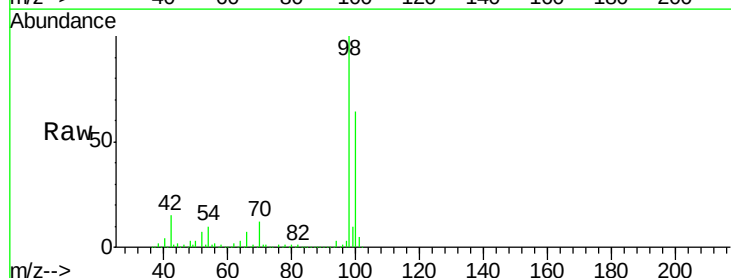
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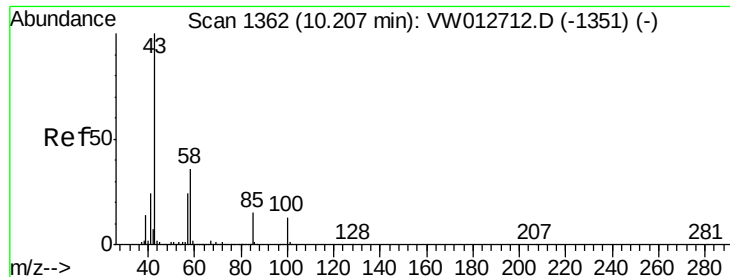
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#50
Toluene-d8
Concen: 42.901 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	365372		
100	64.6	52.2	78.4	





#51

4-Methyl-2-Pentanone

Concen: 77.254 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS01

Tot Ion: 43 Resp: 159059

Ion Ratio Lower Upper

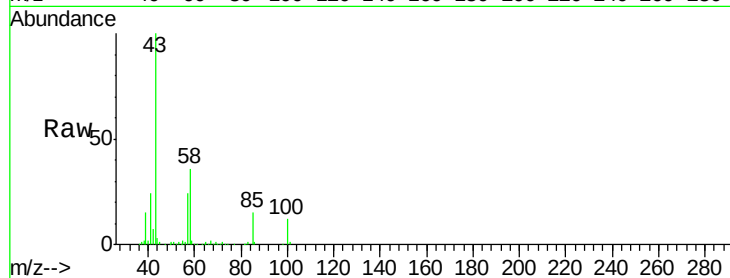
43 100

58 35.0 28.4 42.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

80000

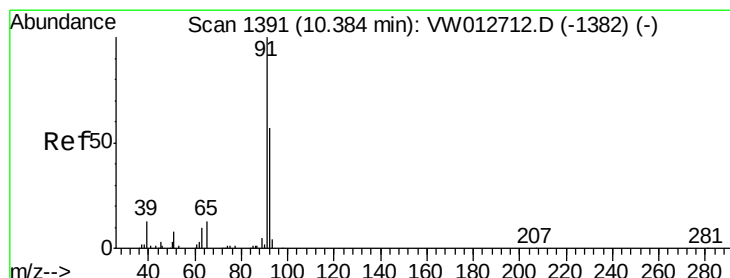
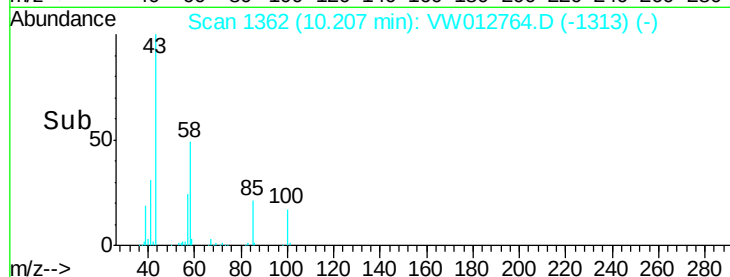
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.216 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW012764.D

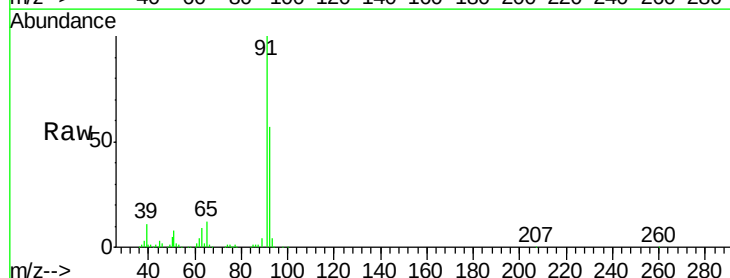
Acq: 08 Sep 2019 13:01

Tgt Ion: 92 Resp: 113737

Ion Ratio Lower Upper

92 100

91 173.2 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

120000

100000

80000

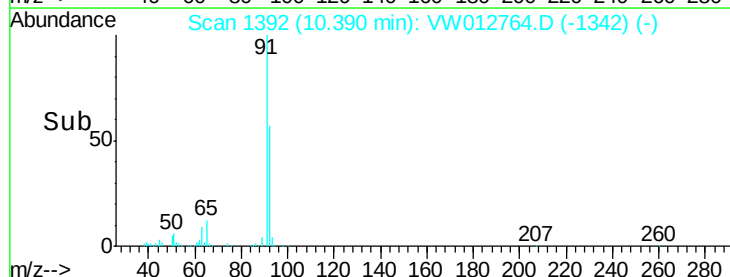
60000

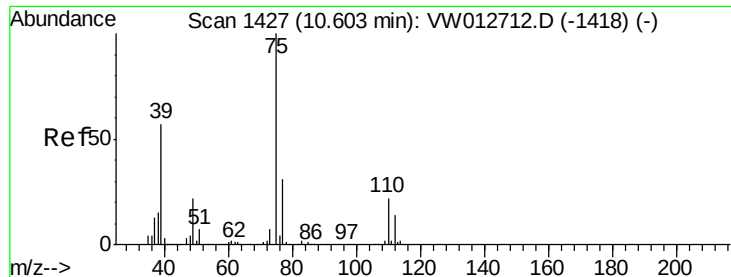
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.818 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS01

Tot Ion: 75 Resp: 59675

Ion Ratio Lower Upper

75 100

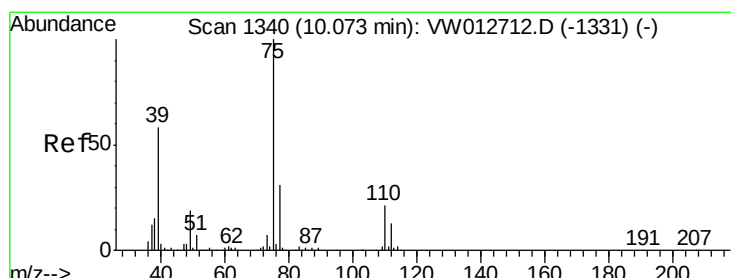
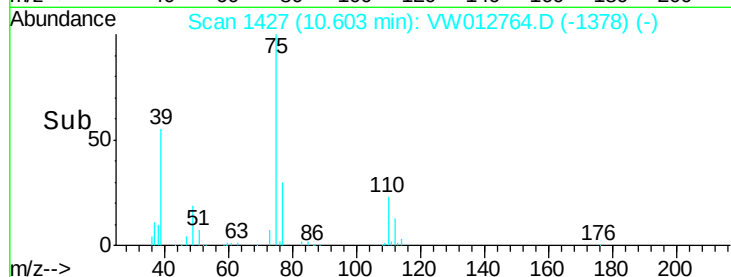
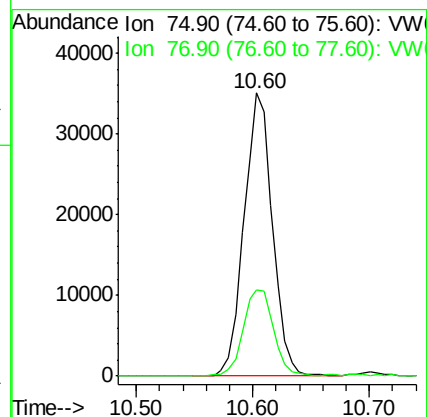
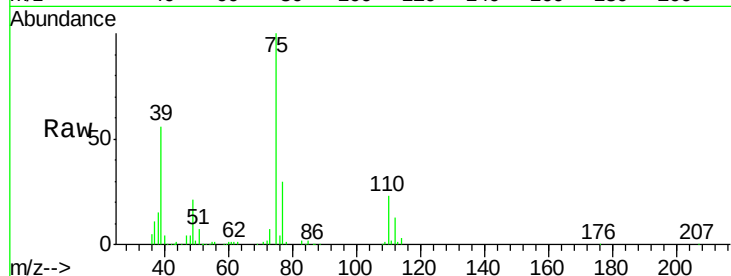
77 30.0 24.7 37.1

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9/9/2019 11:25:23 AM



#54

cis-1,3-Dichloropropene

Concen: 18.846 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

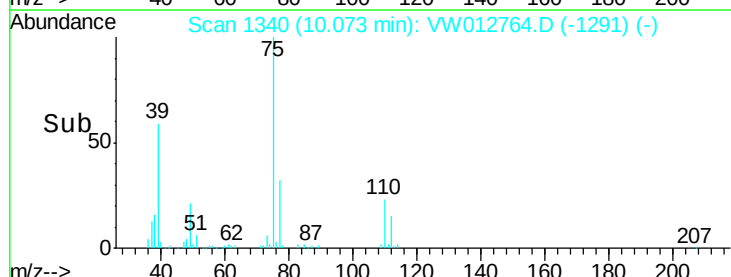
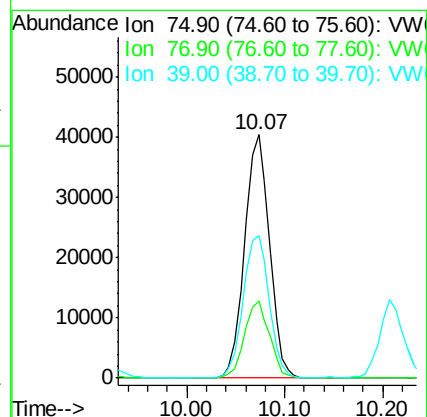
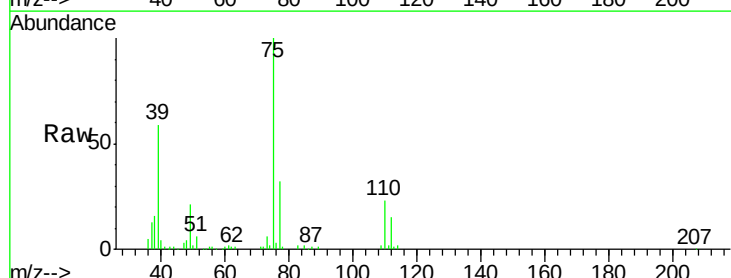
Tgt Ion: 75 Resp: 71603

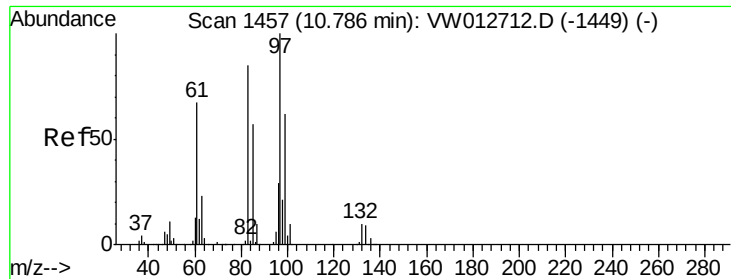
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 58.6 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 18.078 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

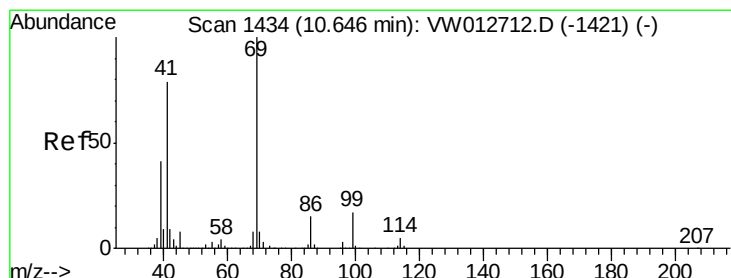
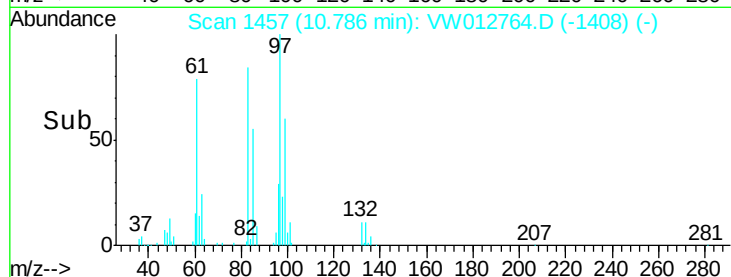
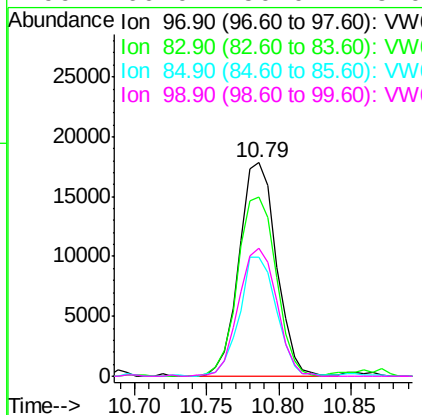
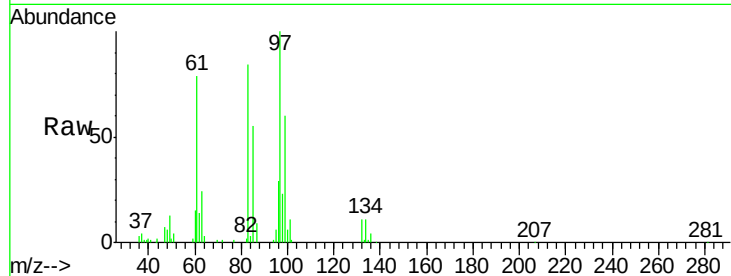
ClientSampleId :

VW0908SBSD01

Tot Ion:	97	Resp:	32042
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	55.5	45.3	67.9
99	60.0	50.0	75.0

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#56

Ethyl methacrylate

Concen: 16.797 ug/l

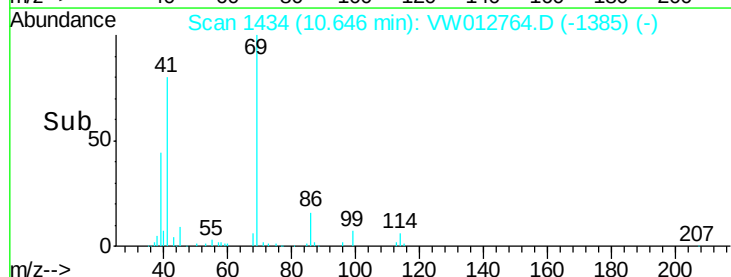
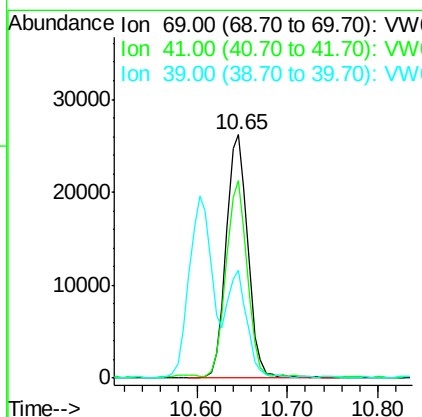
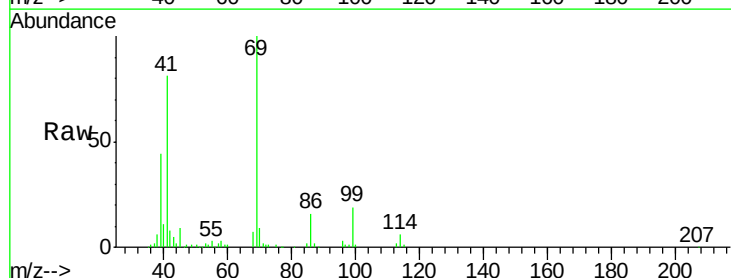
RT: 10.65 min Scan# 1434

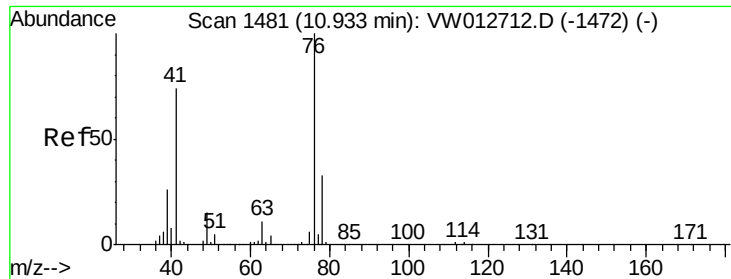
Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion:	69	Resp:	43580
Ion	Ratio	Lower	Upper
69	100		
41	78.0	64.4	96.6
39	38.5	31.1	46.7





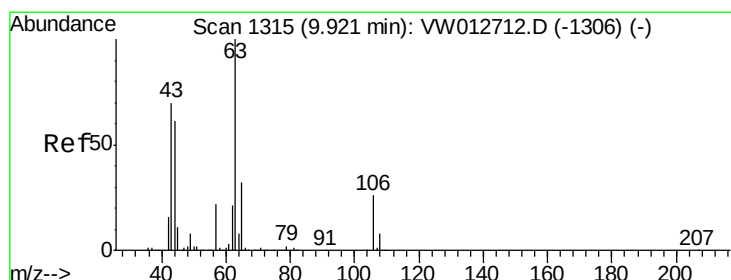
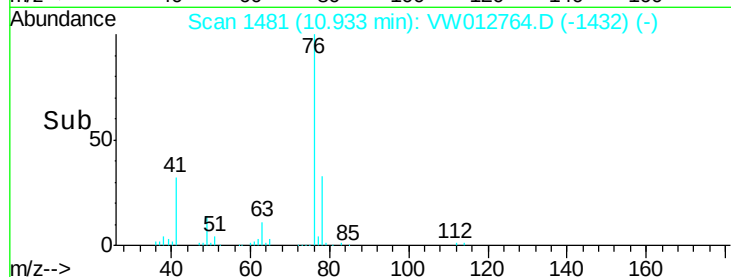
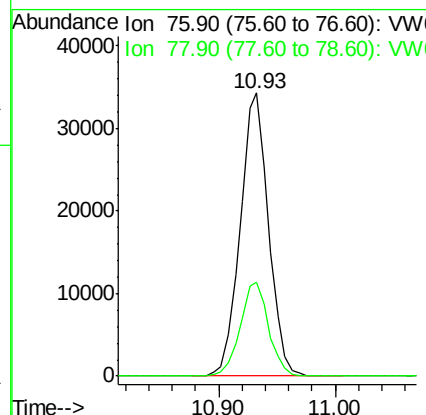
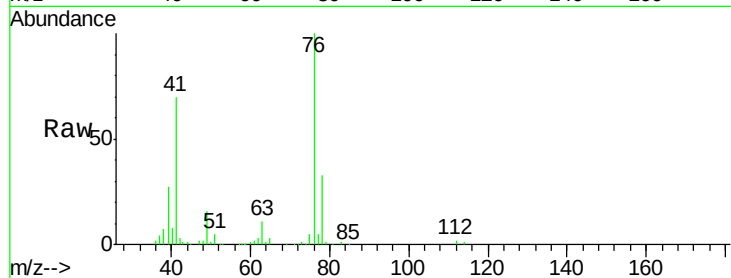
#57
 1,3-Dichloropropane
 Concen: 17.624 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS01

Tot Ion: 76 Resp: 57789
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.9 38.9

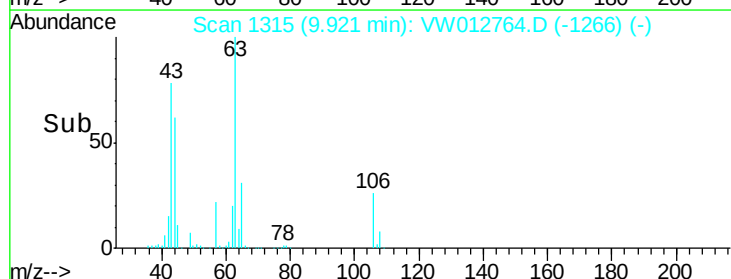
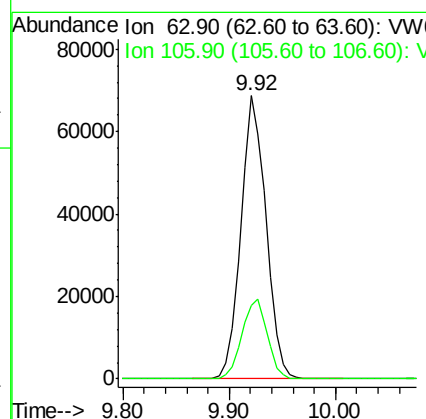
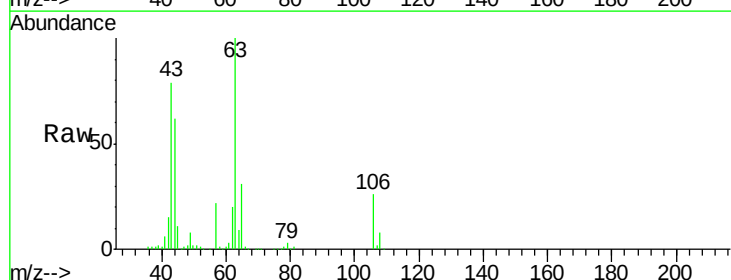
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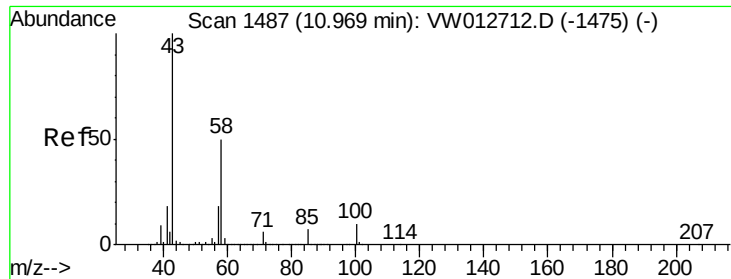
MMDadoda
 9/9/2019 11:25:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.853 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion: 63 Resp: 114116
 Ion Ratio Lower Upper
 63 100
 106 28.6 20.5 30.7





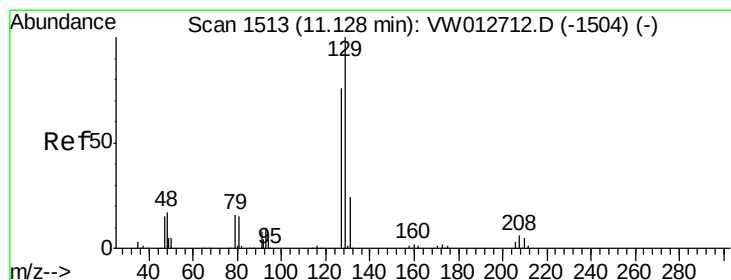
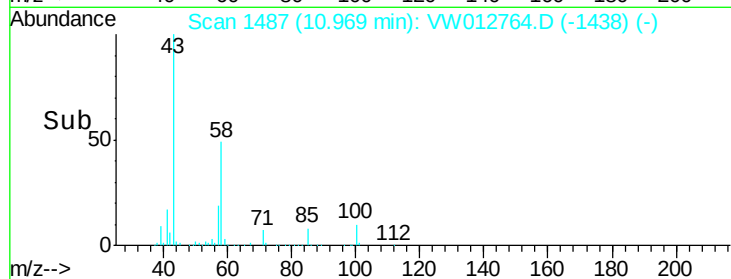
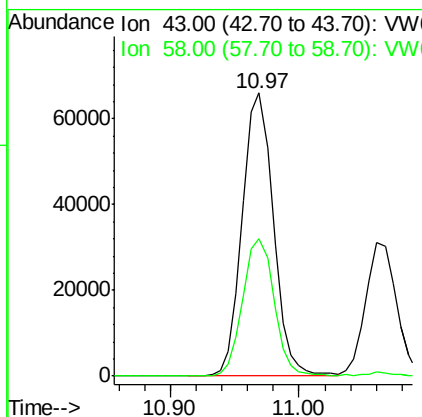
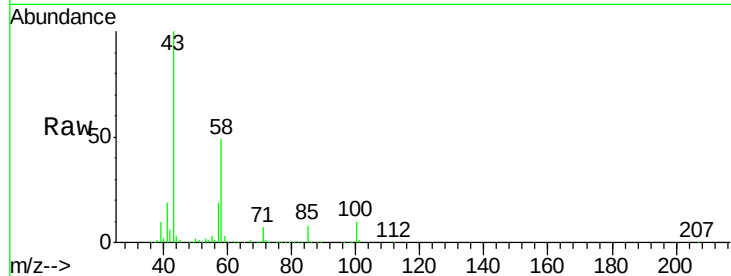
#59
2-Hexanone
Concen: 73.480 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampled :
VW0908SBSD01

Tot Ion: 43 Resp: 110528
Ion Ratio Lower Upper
43 100
58 49.1 24.7 74.1

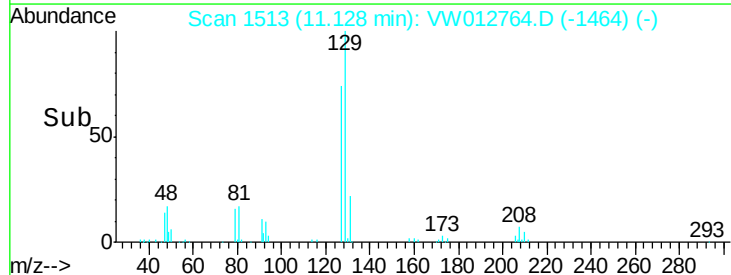
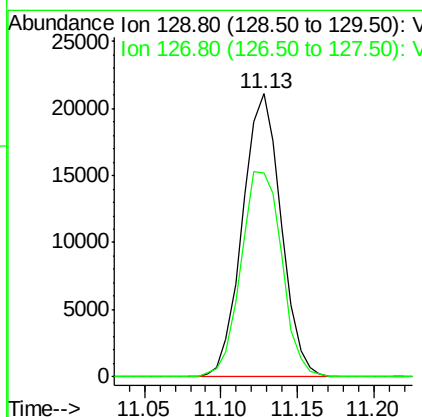
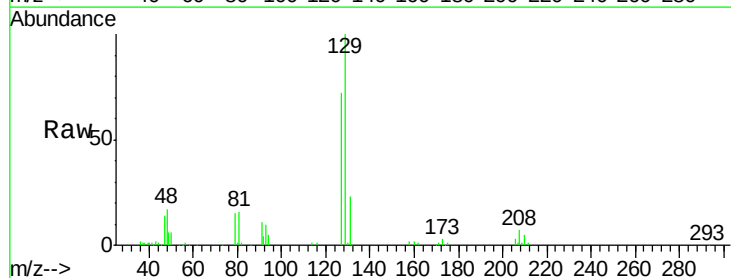
Manual Integrations
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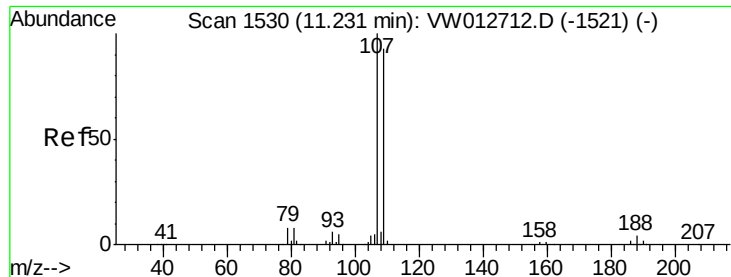
MMDadoda
9/9/2019 11:25:23 AM



#60
Dibromochloromethane
Concen: 17.781 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion: 129 Resp: 37064
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 17.600 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS01

Tot Ion: 107 Resp: 28599

Ion Ratio Lower Upper

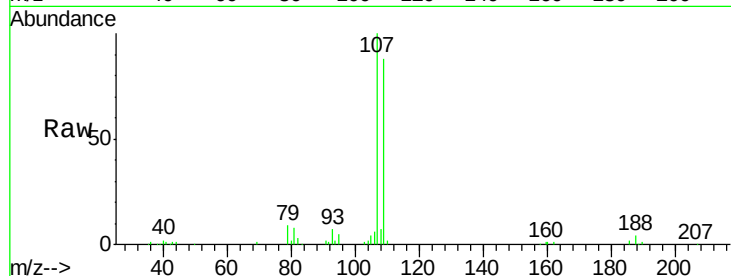
107 100

109 93.3 75.0 112.6

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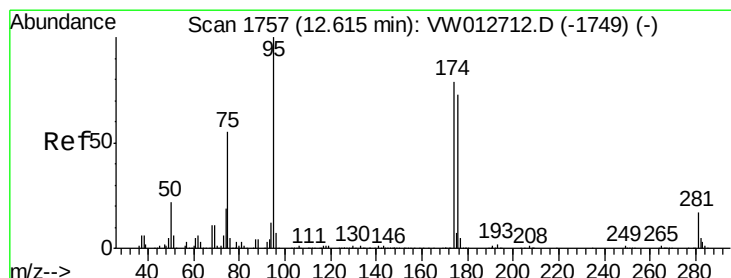
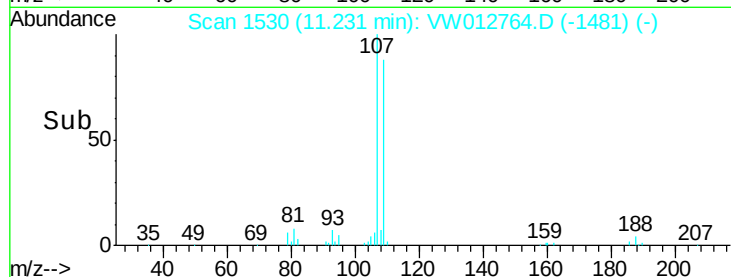
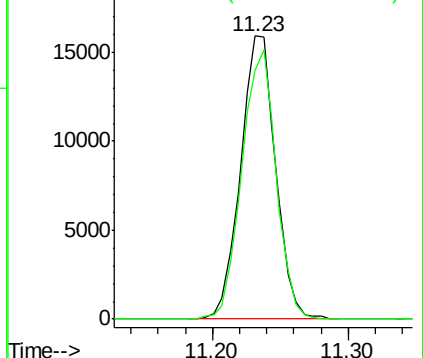
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.093 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

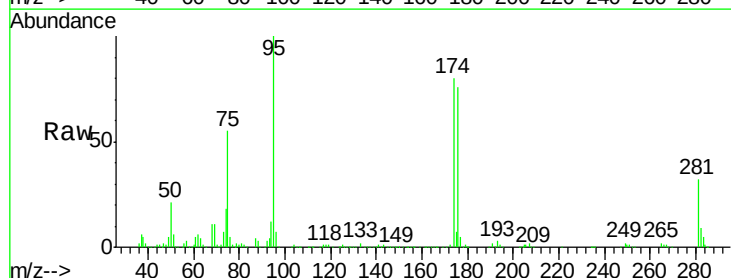
Tgt Ion: 95 Resp: 136326

Ion Ratio Lower Upper

95 100

174 79.9 0.0 161.0

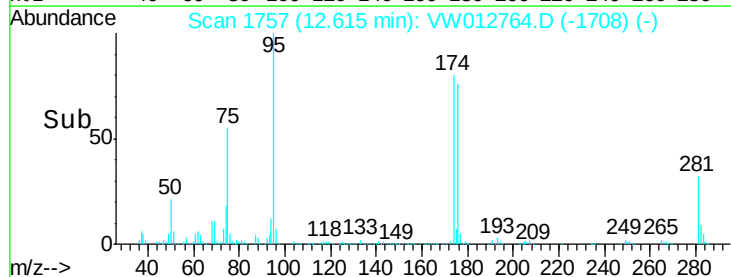
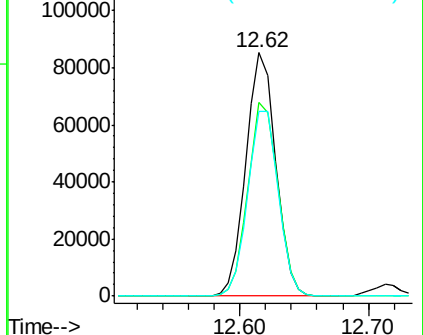
176 77.8 0.0 156.4

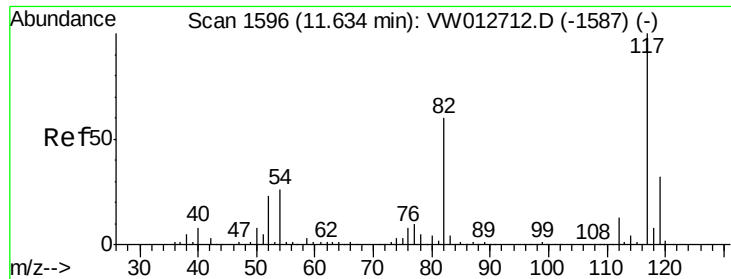


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





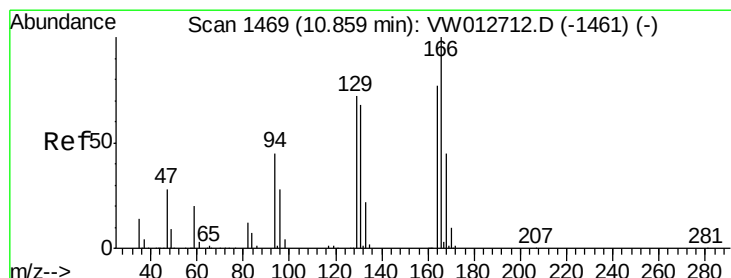
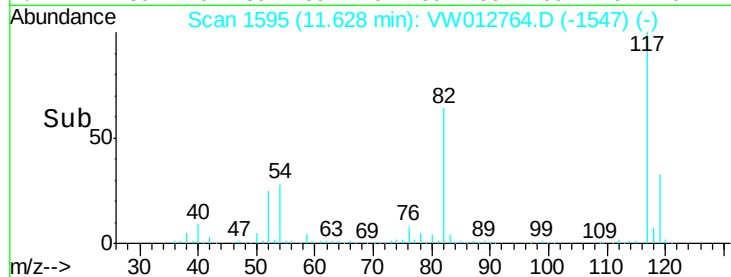
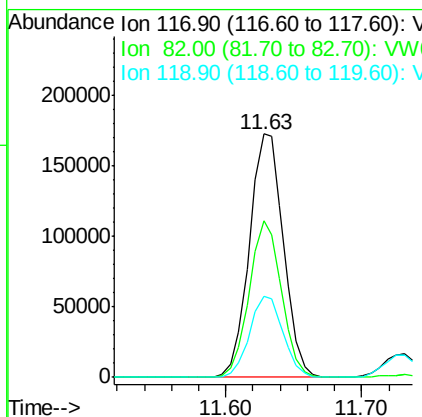
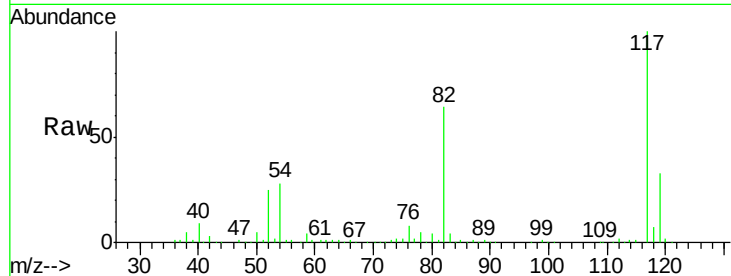
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	302938		
82	64.1	48.2	72.4	
119	33.2	25.8	38.6	

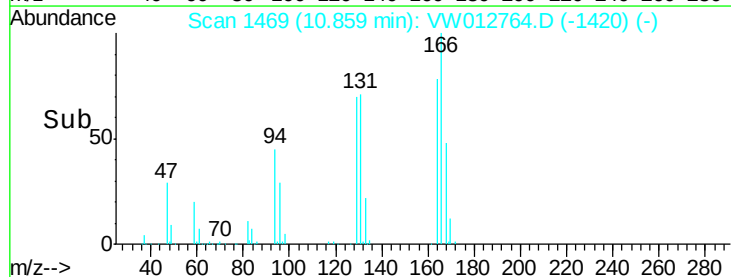
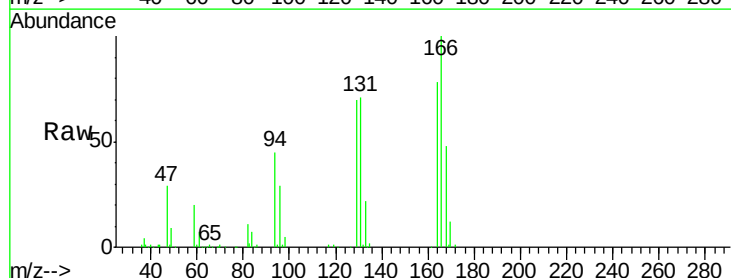
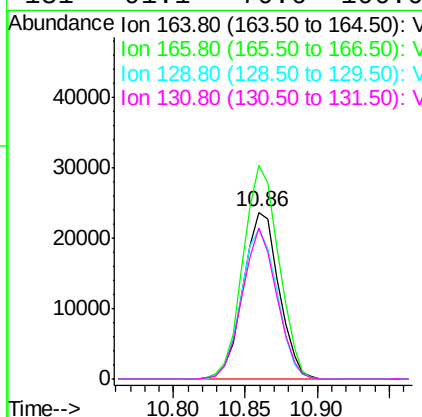
Manual Integrations
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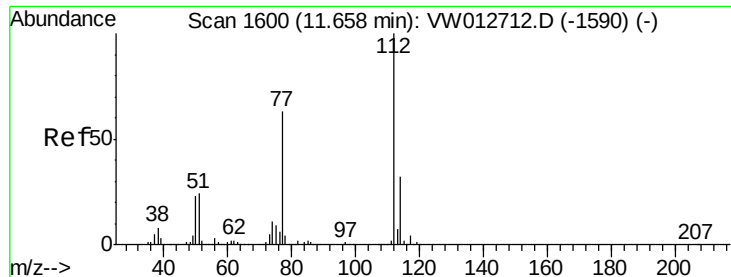
MMDadoda
9/9/2019 11:25:23 AM



#64
Tetrachloroethene
Concen: 22.076 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40579		
166	128.3	103.6	155.4	
129	90.3	74.6	112.0	
131	91.1	70.6	106.0	





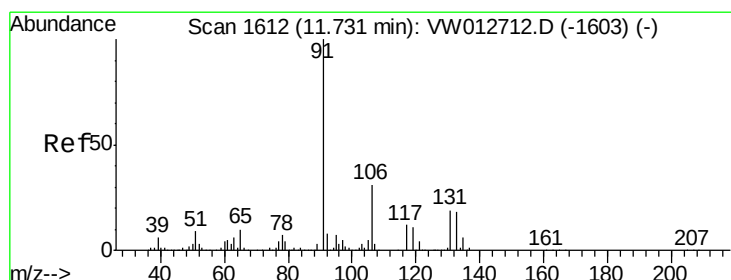
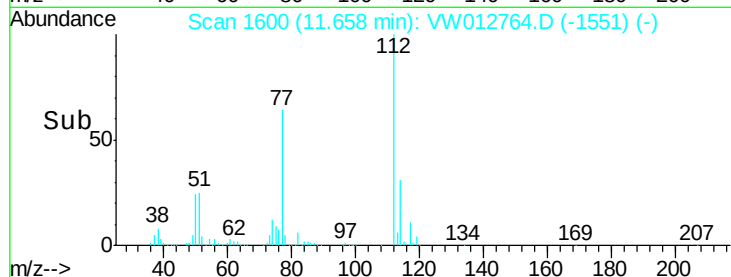
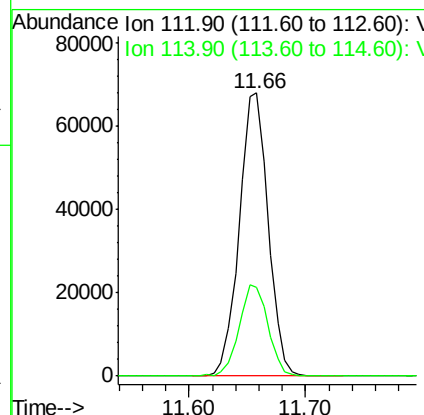
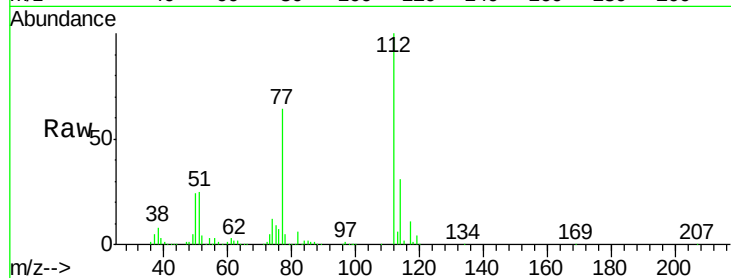
#65
Chlorobenzene
Concen: 20.515 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion:112 Resp: 117463
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9

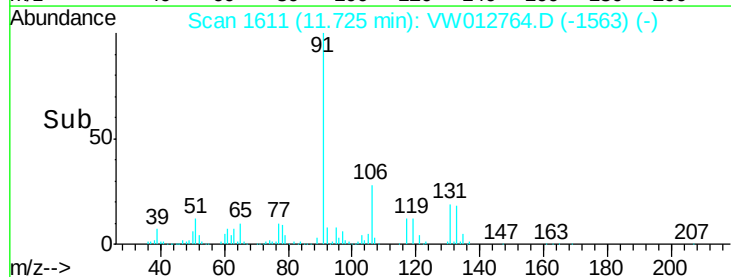
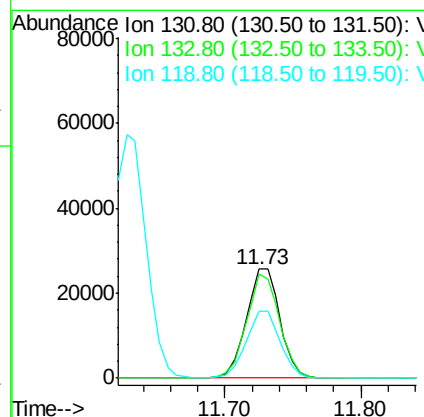
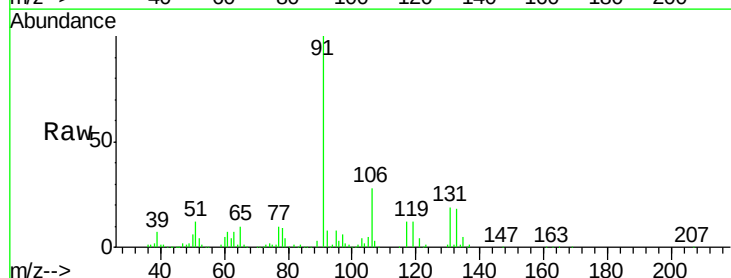
Manual Integrations
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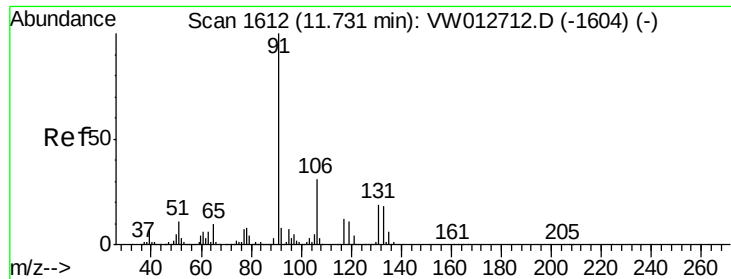
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.751 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion:131 Resp: 44246
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.8
119 62.3 30.6 92.0





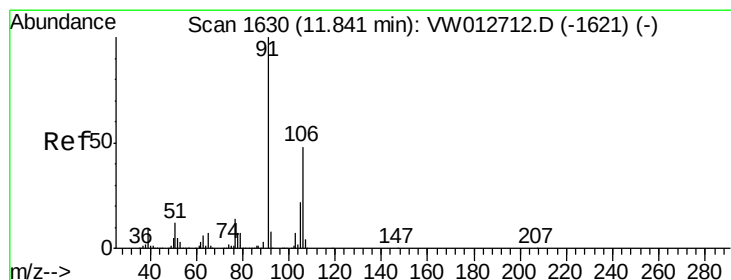
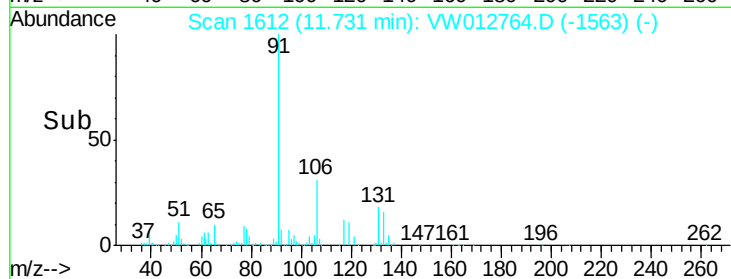
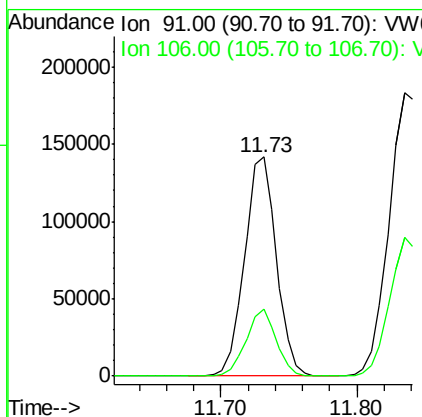
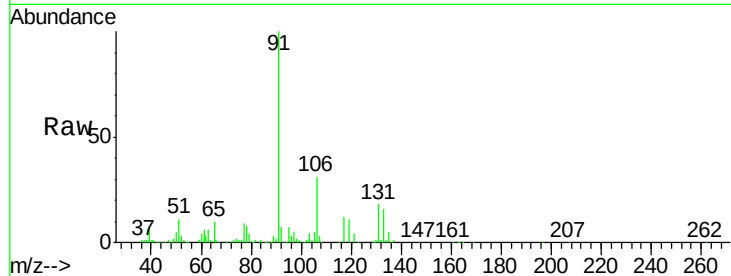
#67
Ethyl Benzene
Concen: 21.580 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		231826		
106	30.7	24.4	36.6		

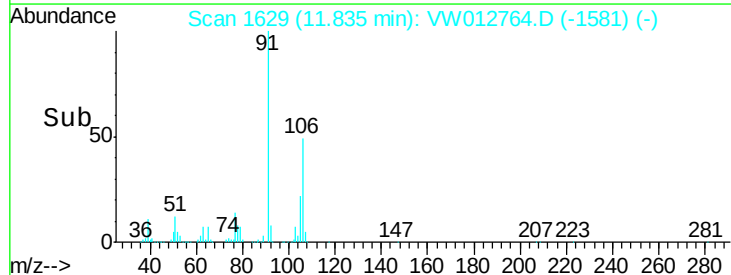
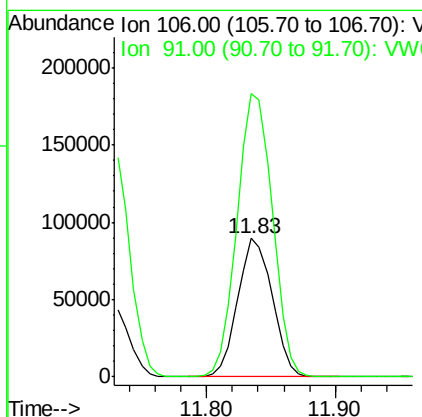
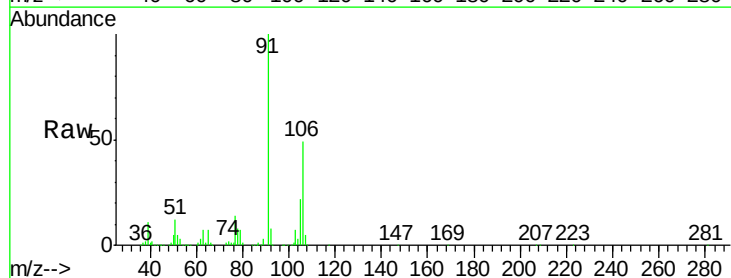
Manual Integrations
APPROVED

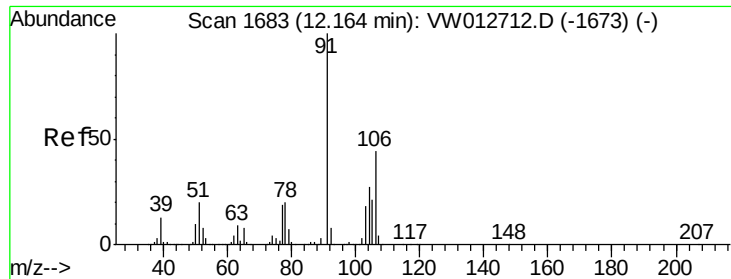
MMDadoda
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#68
m/p-Xylenes
Concen: 43.058 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		166962		
91	209.2	168.2	252.4		





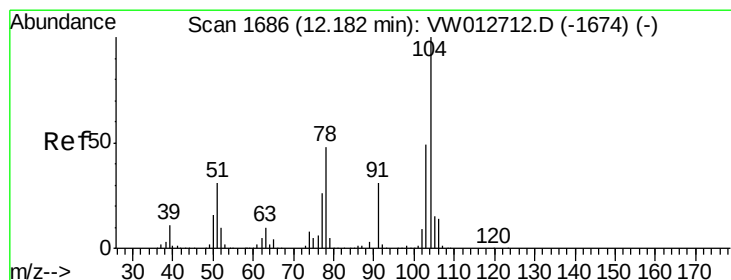
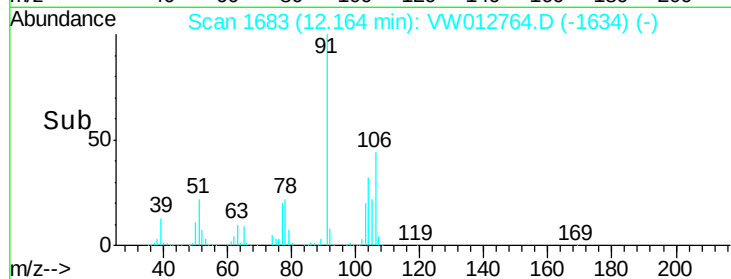
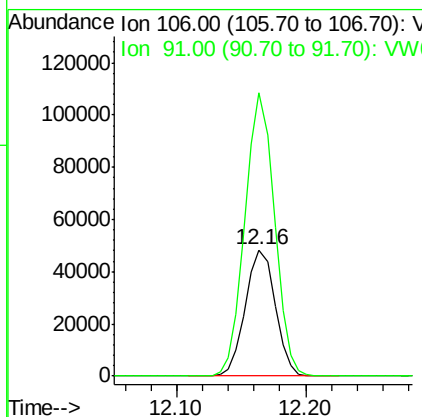
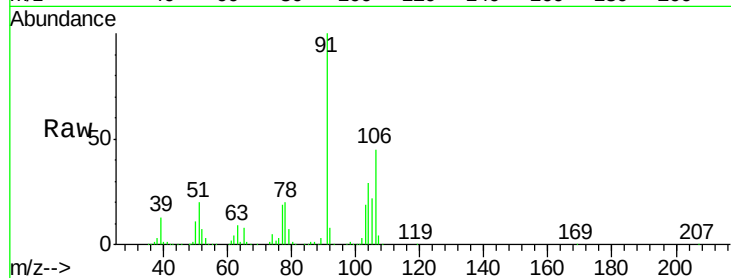
#69
o-Xylene
Concen: 21.223 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	221.5	112.3	336.8	

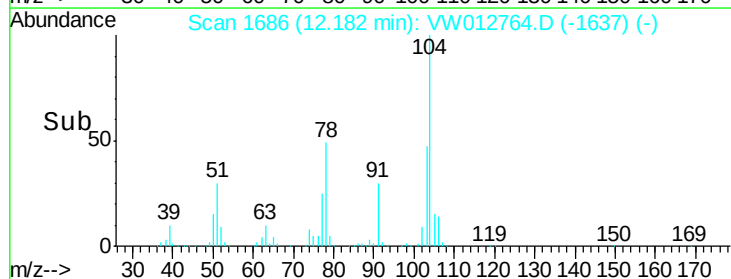
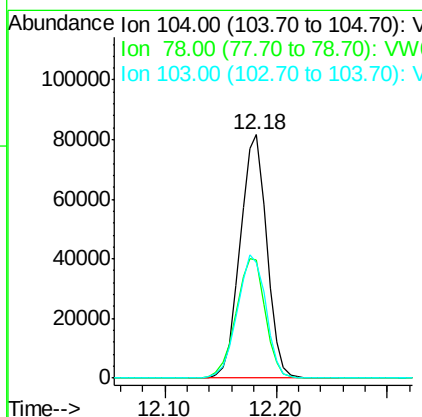
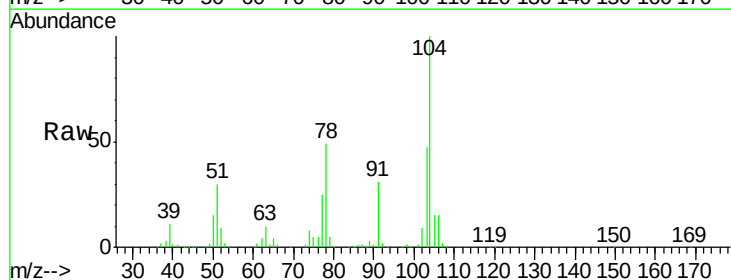
Manual Integrations
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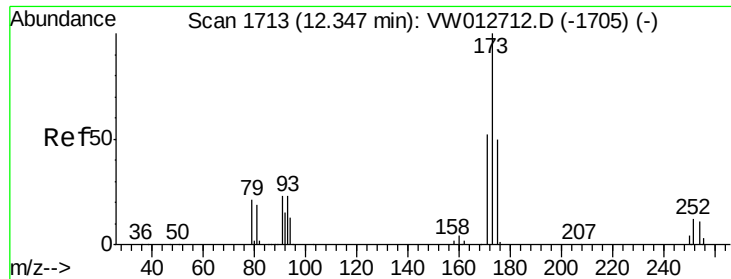
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#70
Styrene
Concen: 20.905 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.9	43.3	64.9	
103	54.5	44.0	66.0	





#71

Bromoform

Concen: 17.252 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS01

Tot Ion:173 Resp: 20438

Ion Ratio Lower Upper

173 100

175 51.2 24.8 74.3

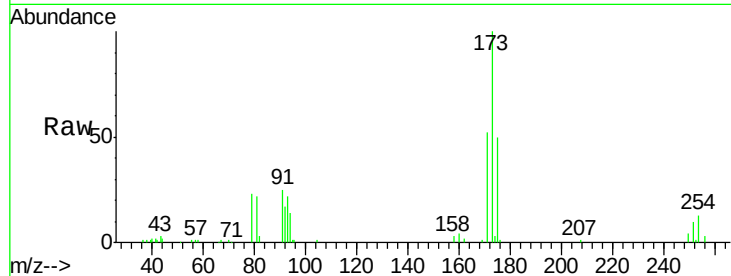
254 0.1 0.1 0.1

Manual Integrations

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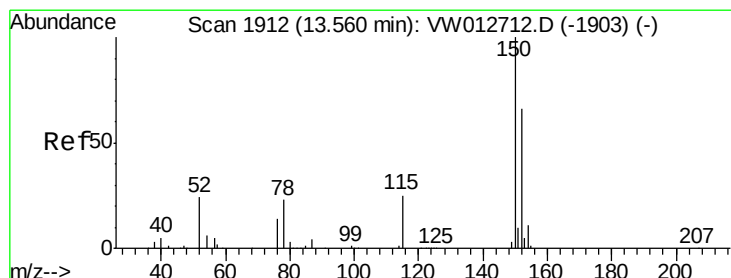
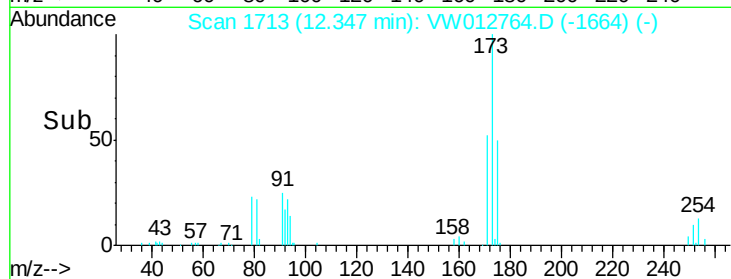
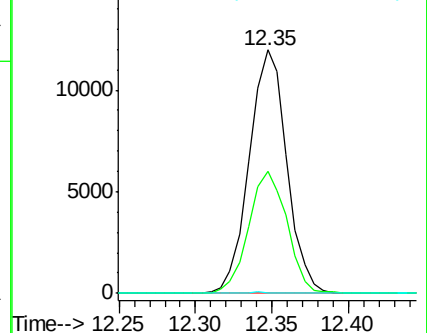
9/9/2019 11:25:23 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

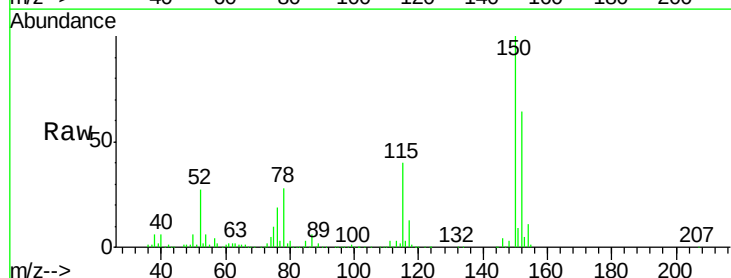
Tgt Ion:152 Resp: 149812

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.1

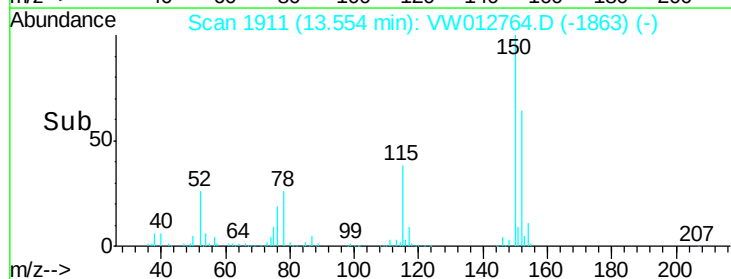
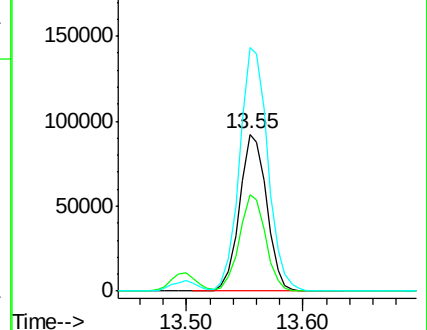
150 161.6 0.0 349.0

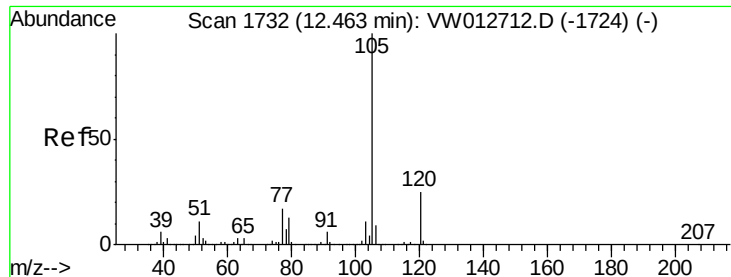


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.790 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS01

Tot Ion:105 Resp: 223390

Ion Ratio Lower Upper

105 100

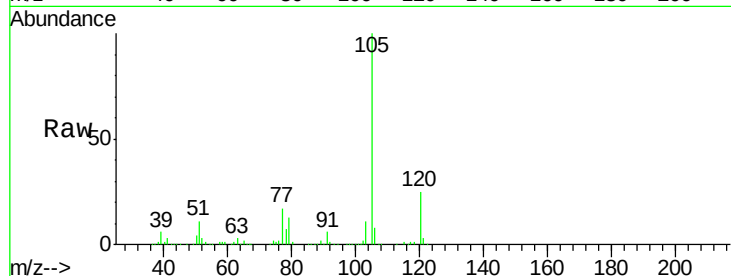
120 25.4 13.0 38.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

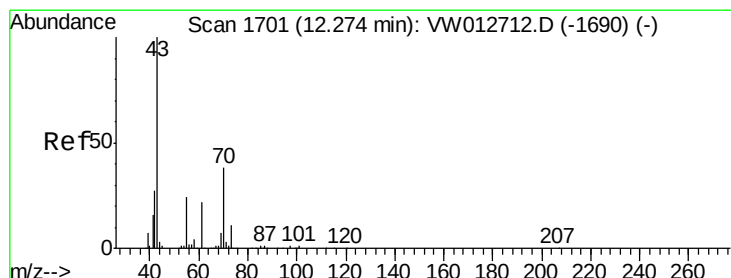
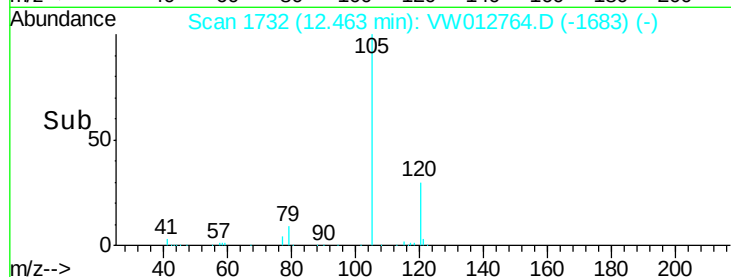
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.570 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion: 43 Resp: 56512

Ion Ratio Lower Upper

43 100

70 37.1 29.4 44.0

55 24.4 18.6 27.8

61 21.3 17.8 26.6

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

50000

40000

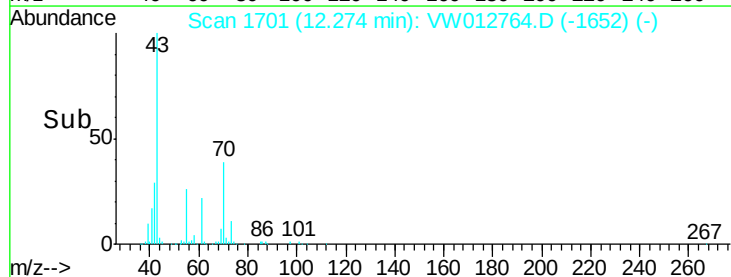
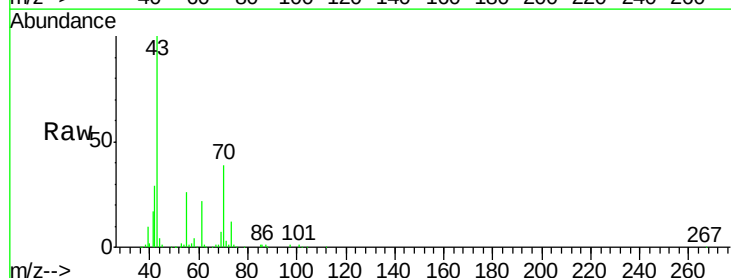
30000

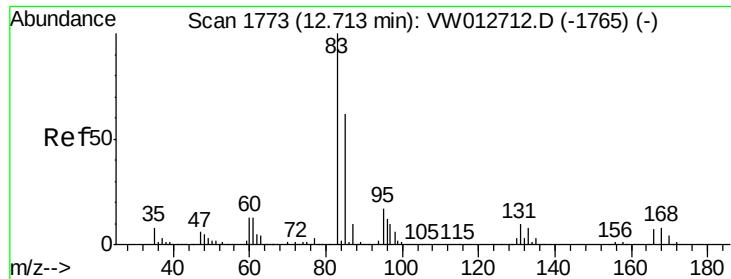
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.247 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

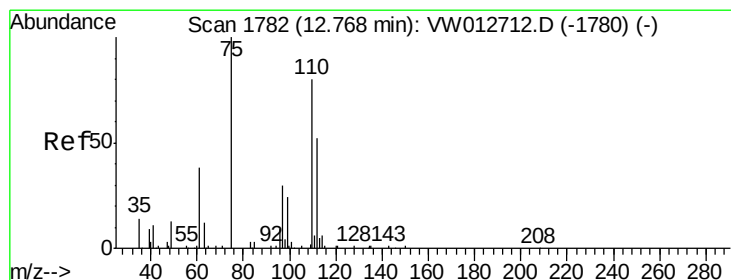
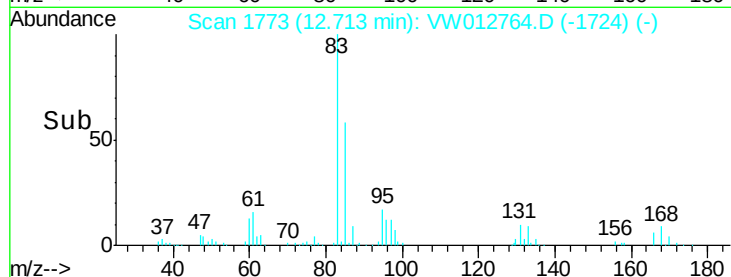
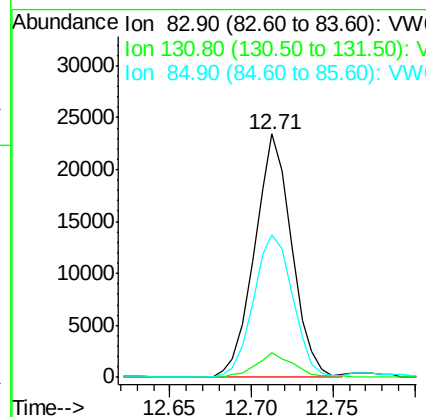
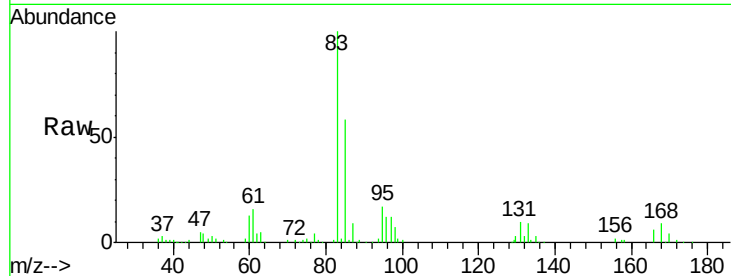
ClientSampleId :

VW0908SBS01

Tot Ion:	83	Resp:	37217
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	62.0	31.4	94.2

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#76

1,2,3-Trichloropropane

Concen: 16.070 ug/l m

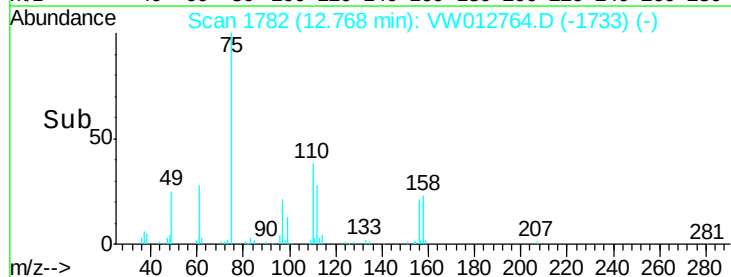
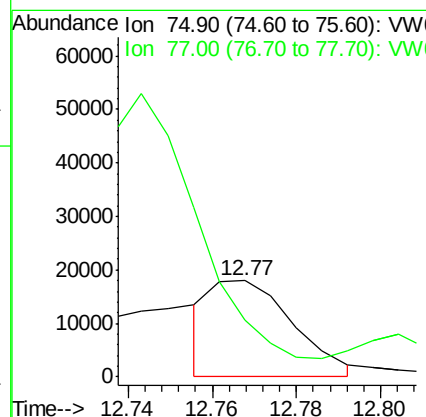
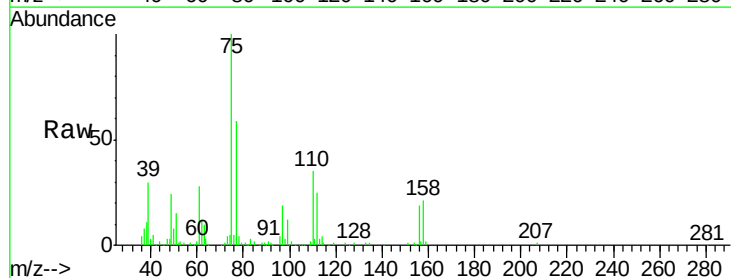
RT: 12.77 min Scan# 1782

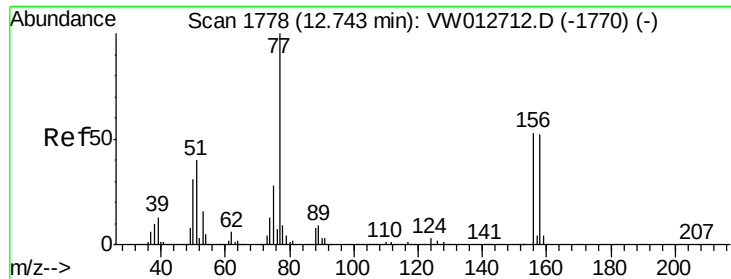
Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Tgt Ion:	75	Resp:	24617
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





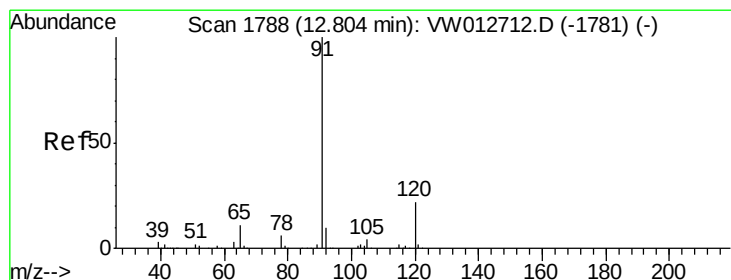
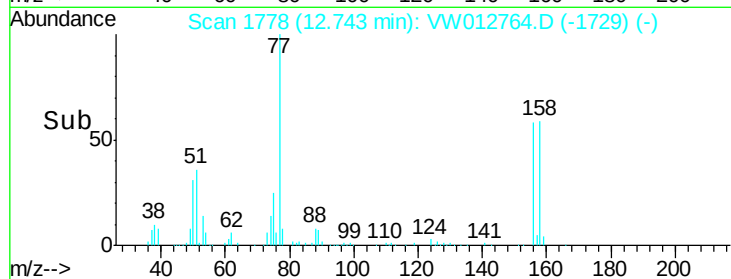
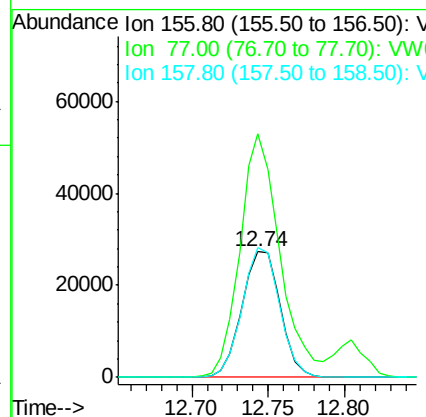
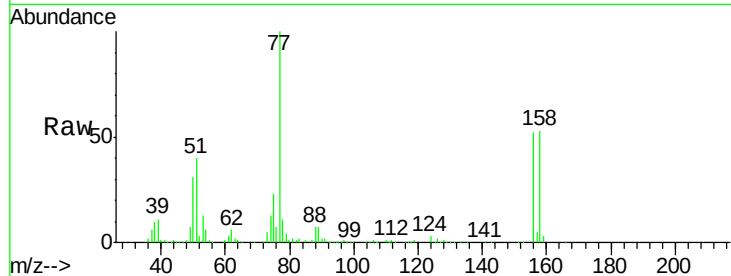
#77
Bromobenzene
Concen: 19.621 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	201.1	102.3	306.9
158	100.2	48.9	146.8

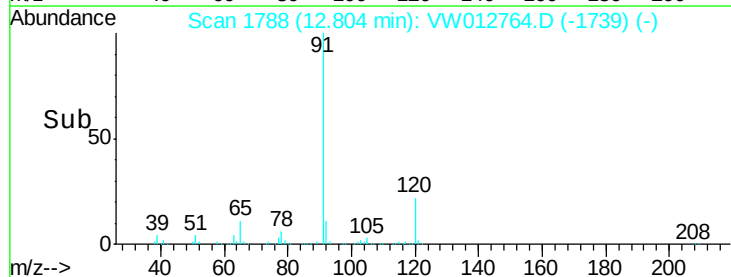
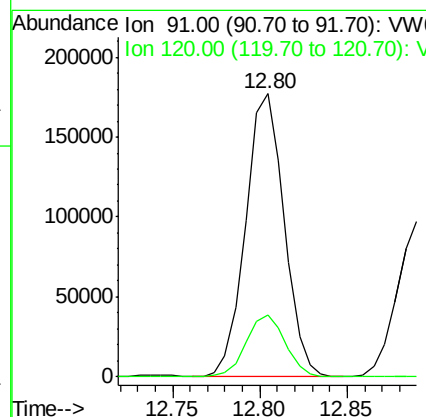
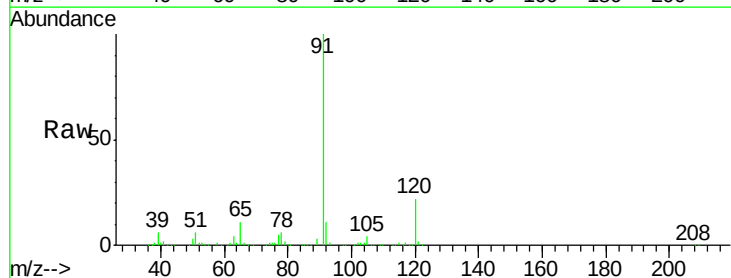
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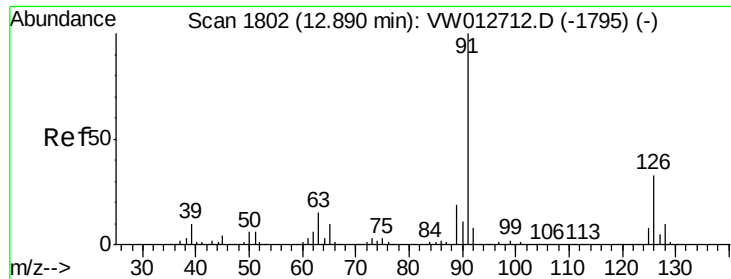
MMDadoda
9/9/2019 11:25:23 AM



#78
n-propylbenzene
Concen: 21.030 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0





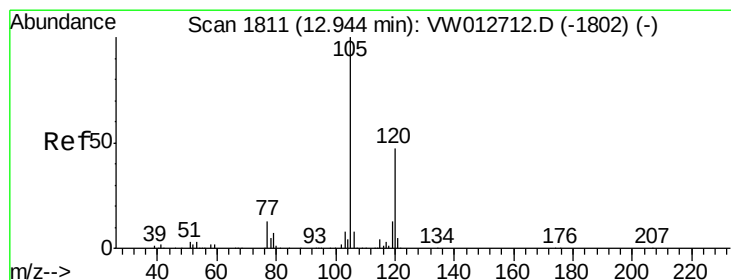
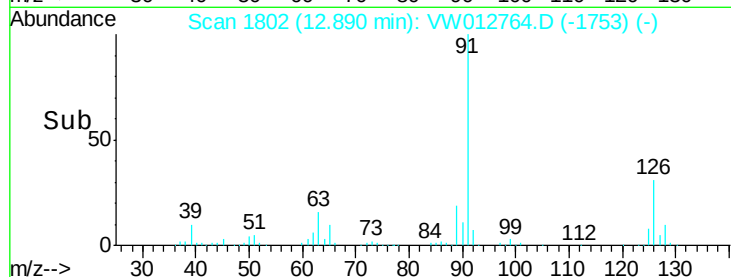
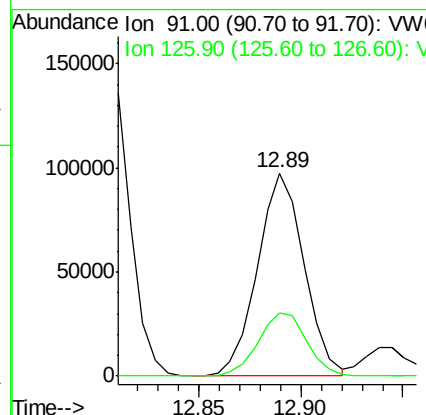
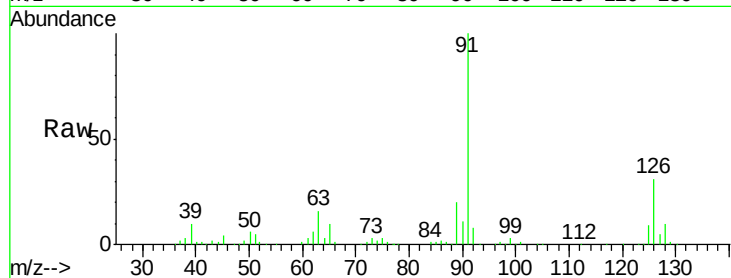
#79
 2-Chlorotoluene
 Concen: 20.999 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		154920		
126	32.3	16.1	48.3		

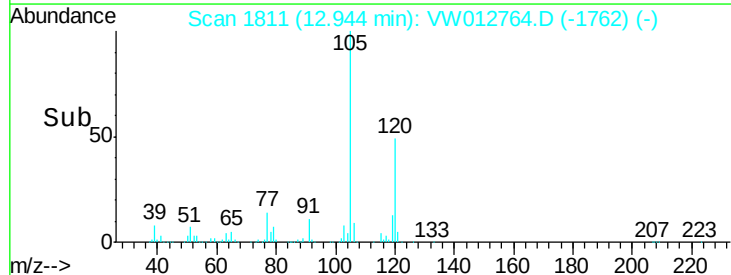
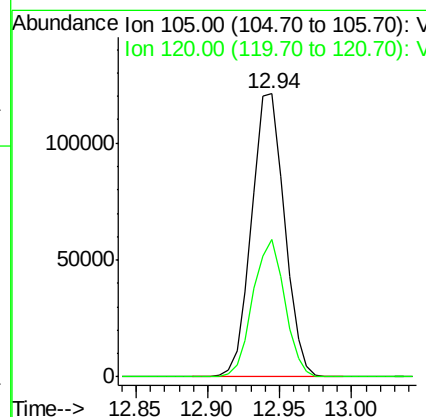
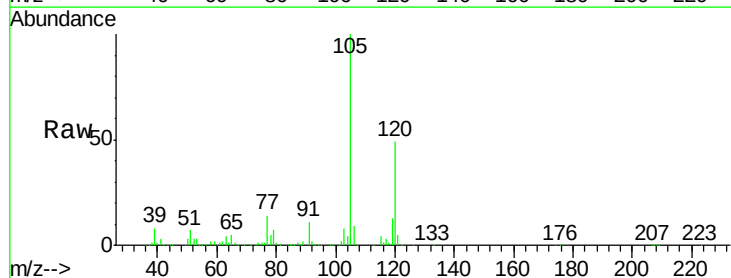
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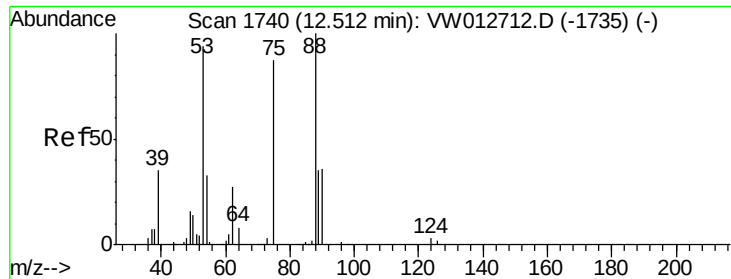
MMDadoda
 9/9/2019 11:25:23 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.026 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		190374		
120	47.1	23.9	71.8		





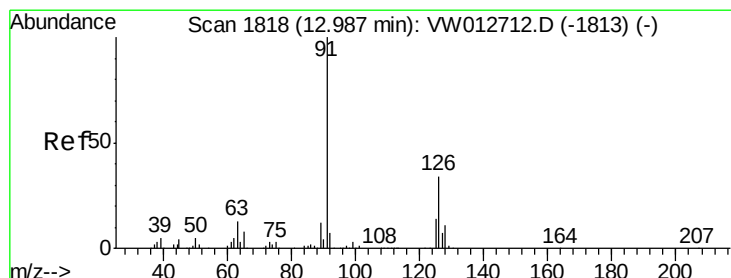
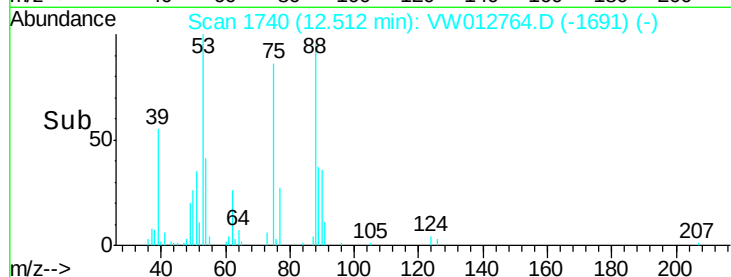
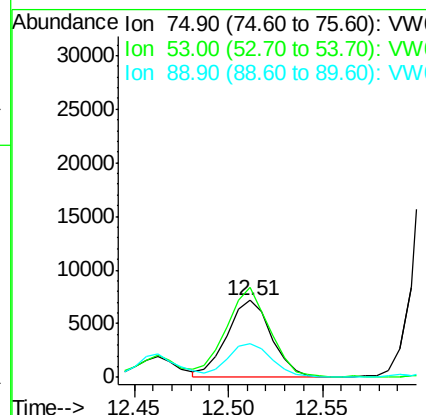
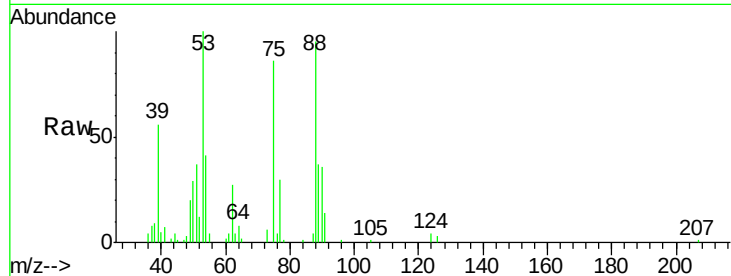
#81
trans-1,4-Dichloro-2-butene
Concen: 16.273 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.1	87.6	131.4
89	43.2	35.5	53.3

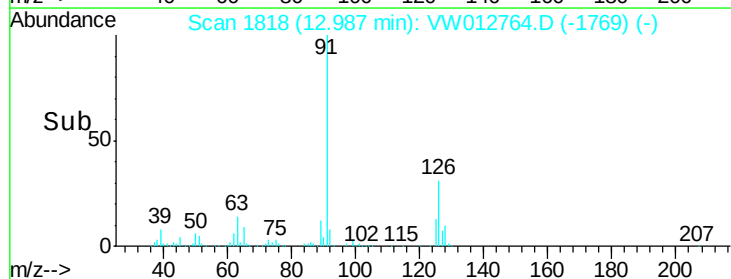
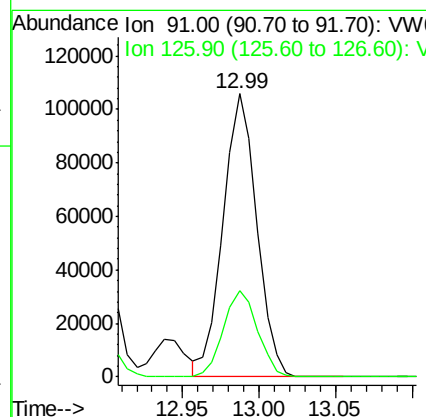
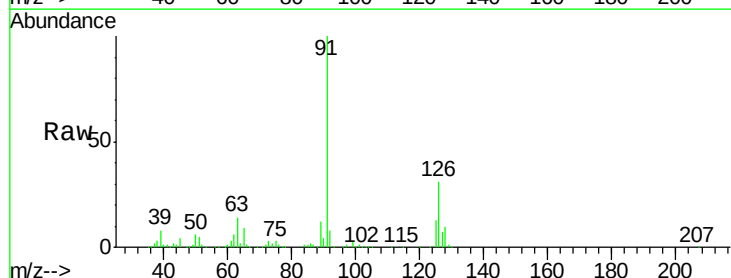
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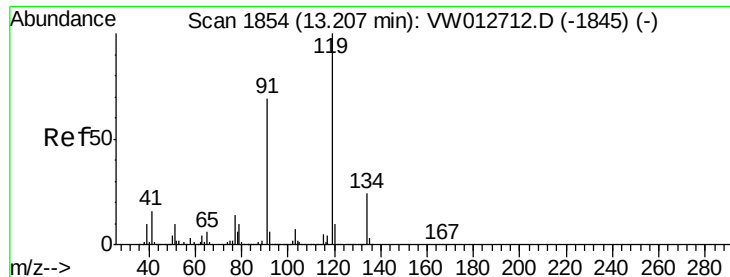
MMDadoda
9/9/2019 11:25:23 AM



#82
4-Chlorotoluene
Concen: 20.712 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.9	47.6





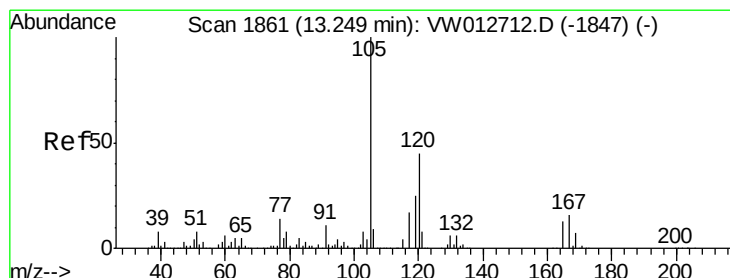
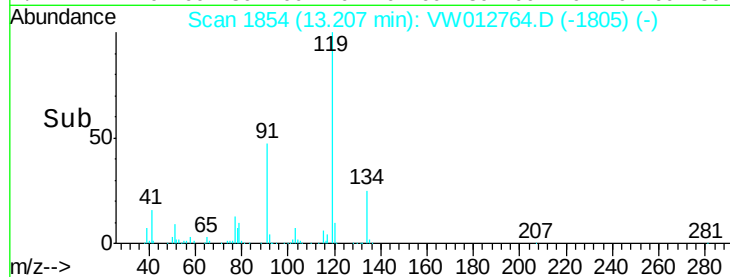
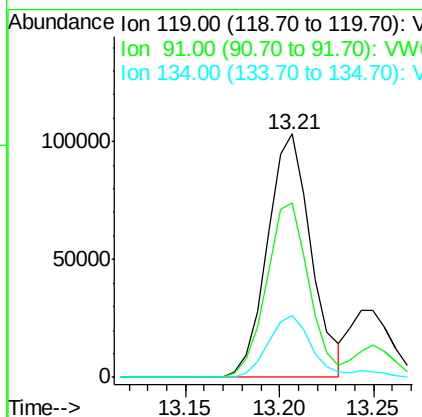
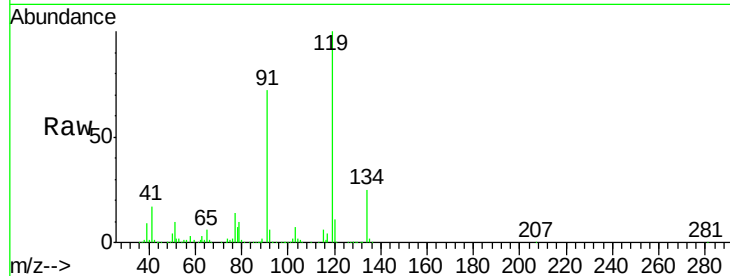
#83
 tert-Butylbenzene
 Concen: 20.735 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	165996		
91	69.6	34.2	102.5	
134	24.9	12.3	36.9	

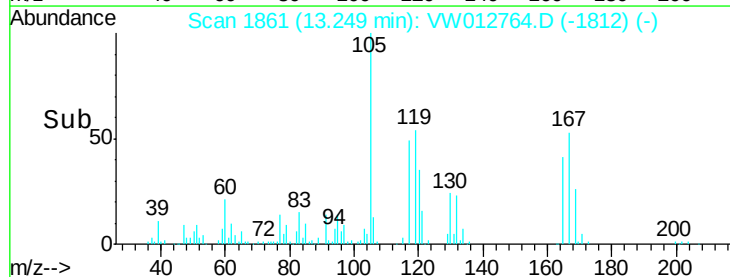
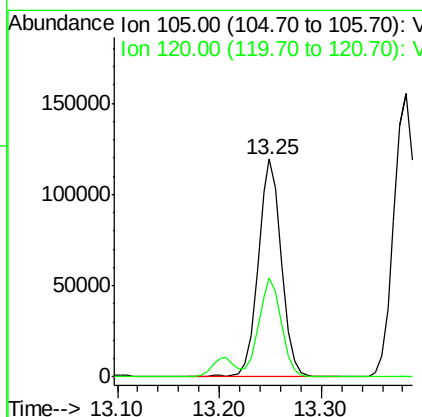
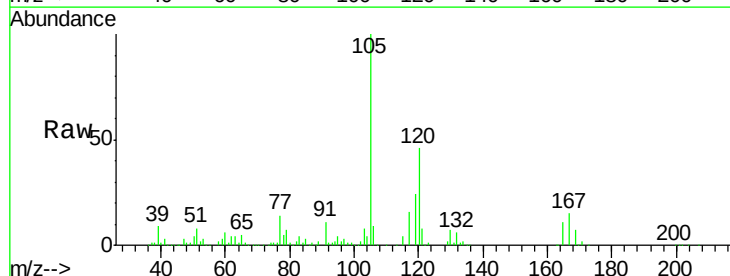
Manual Integrations
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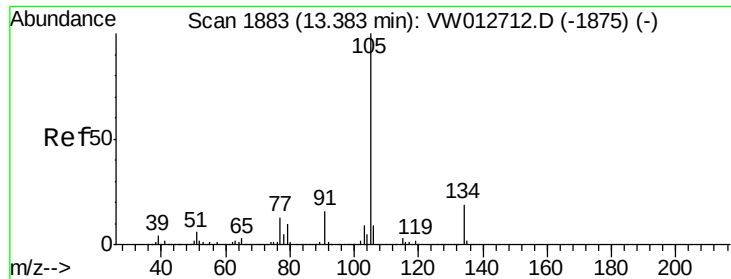
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 9/9/2019 11:25:23 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.672 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	188597		
120	44.6	22.1	66.3	





#85

sec-Butylbenzene

Concen: 21.223 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

Instrument :

MSVOA_W

ClientSampled :

VW0908SBS01

Tot Ion:105 Resp: 235768

Ion Ratio Lower Upper

105 100

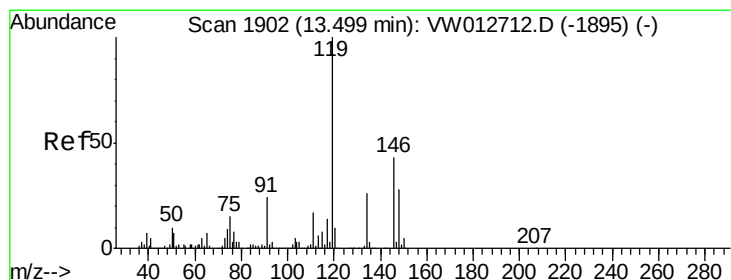
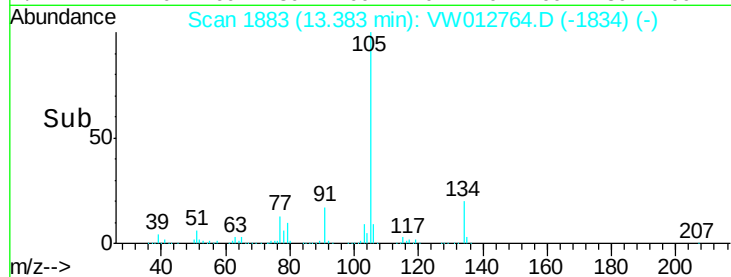
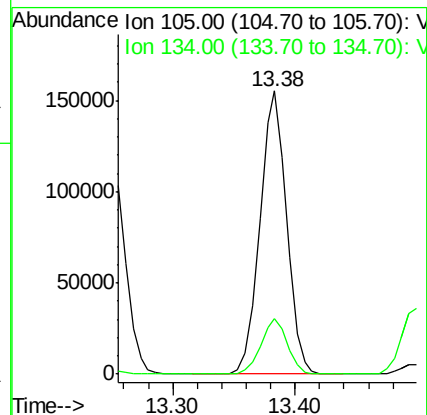
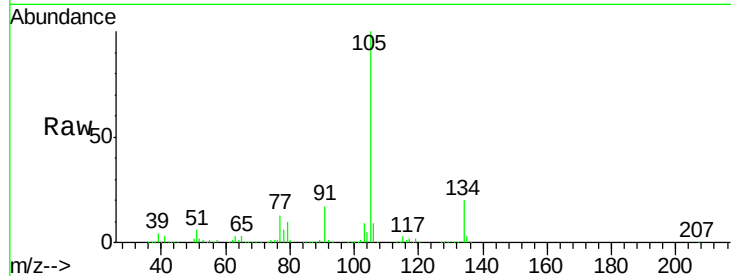
134 19.4 9.8 29.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.548 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012764.D

Acq: 08 Sep 2019 13:01

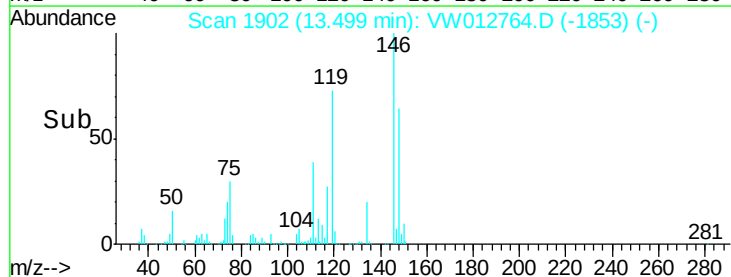
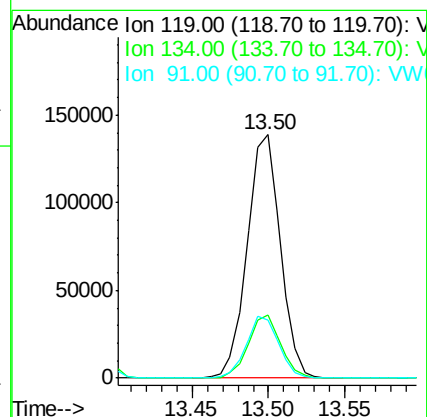
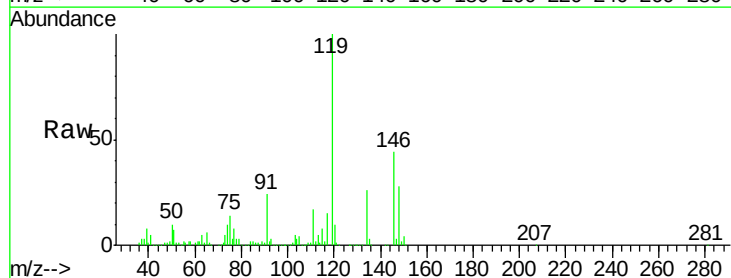
Tgt Ion:119 Resp: 208508

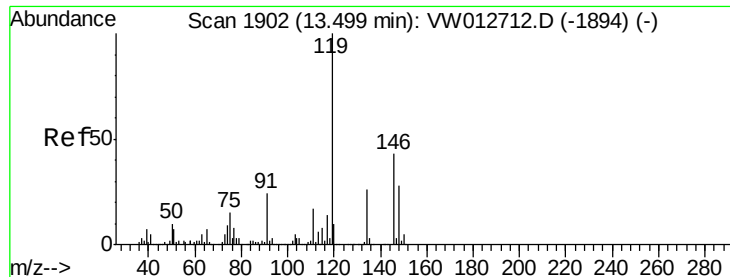
Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.1

91 24.7 12.2 36.6





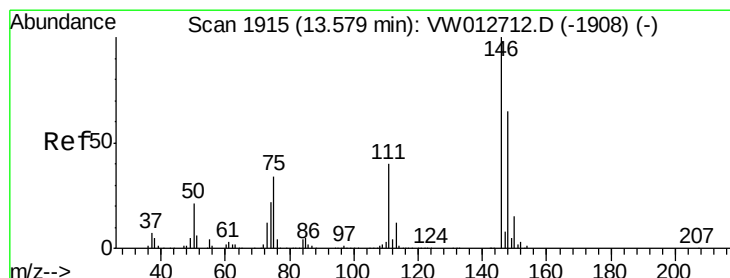
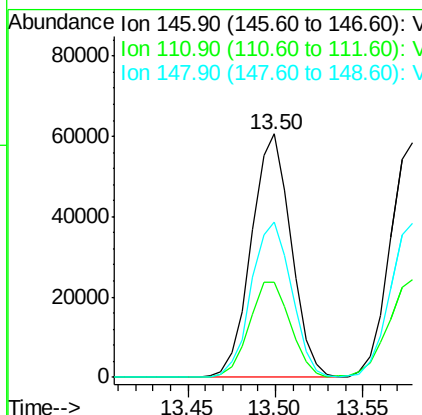
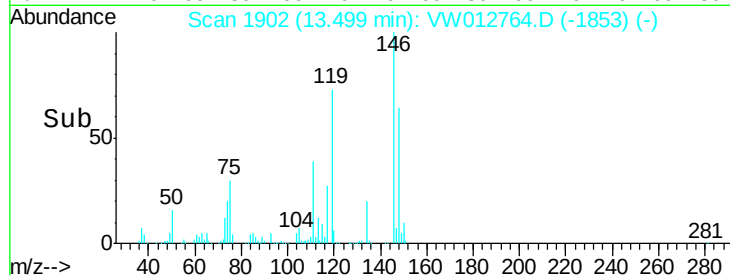
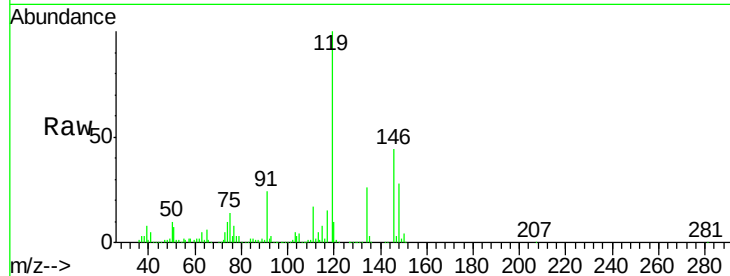
#87
 1,3-Dichlorobenzene
 Concen: 20.036 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.2
148	64.6	31.8	95.4

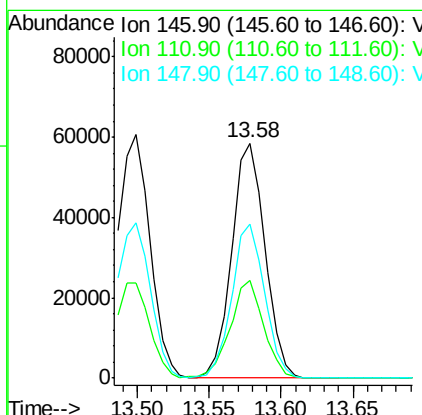
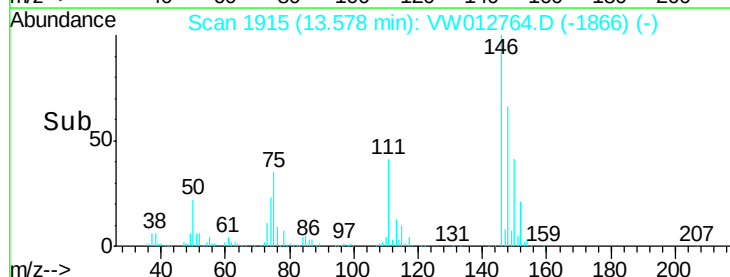
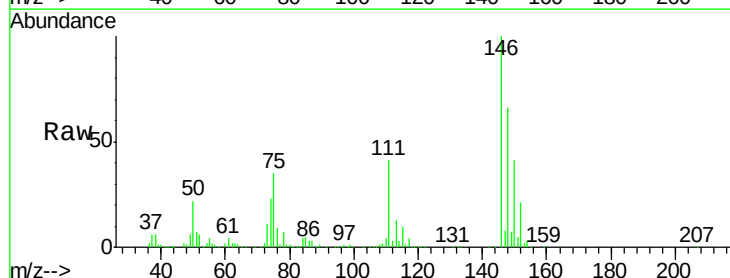
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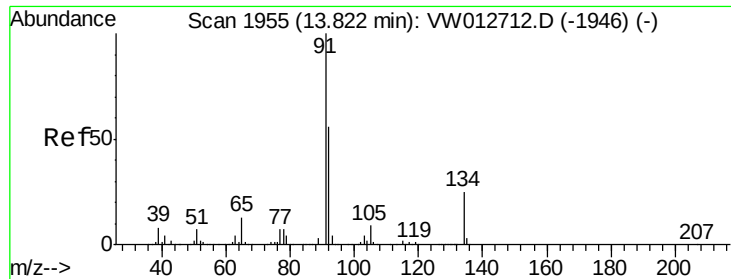
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#88
 1,4-Dichlorobenzene
 Concen: 19.871 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.0	60.0
148	64.7	32.2	96.6





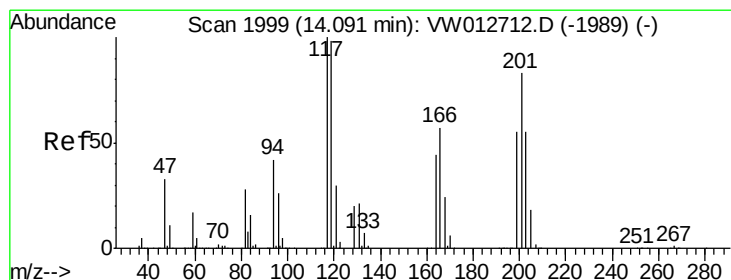
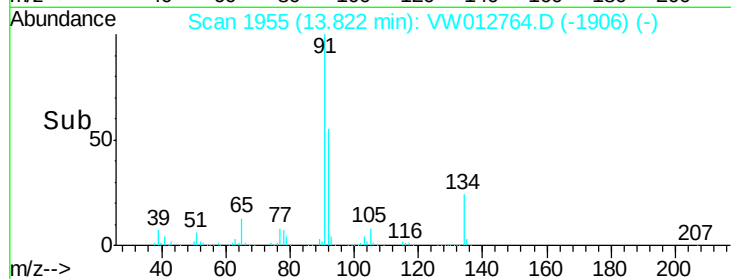
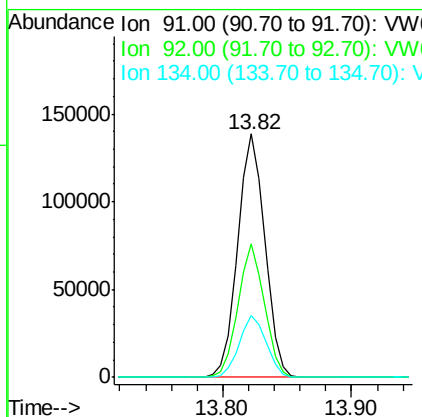
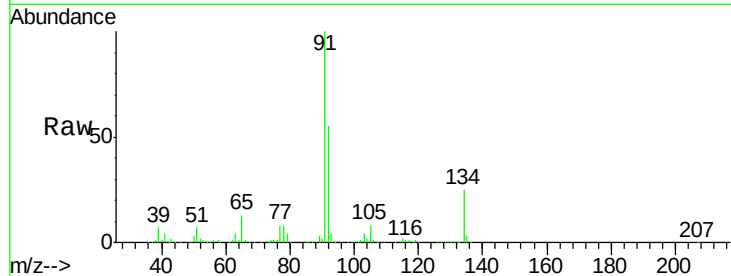
#89
n-Butylbenzene
Concen: 20.564 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	202579		
92	53.0		27.2	81.5
134	25.1		12.7	38.1

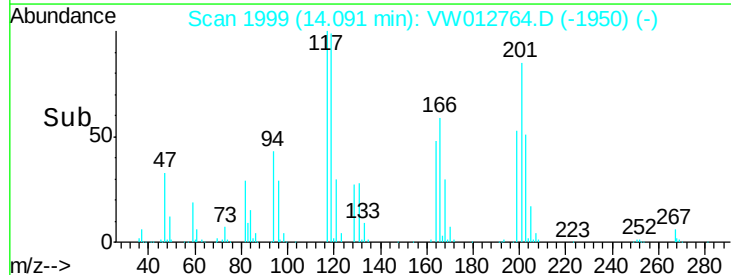
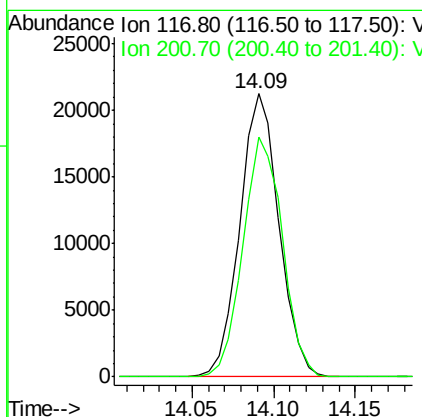
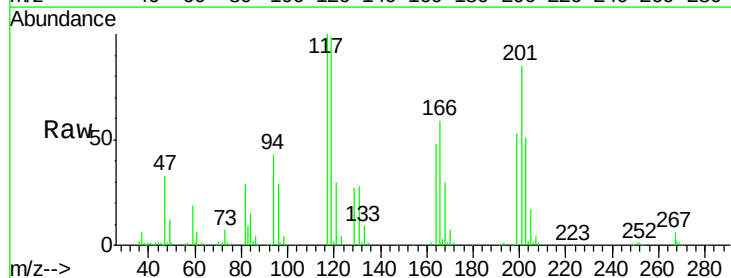
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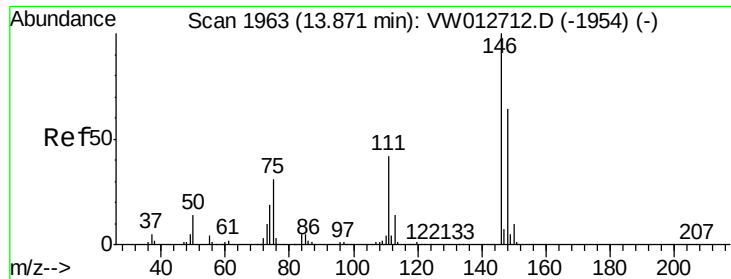
MMDadoda
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#90
Hexachloroethane
Concen: 20.025 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35472		
201	85.3		42.8	128.4





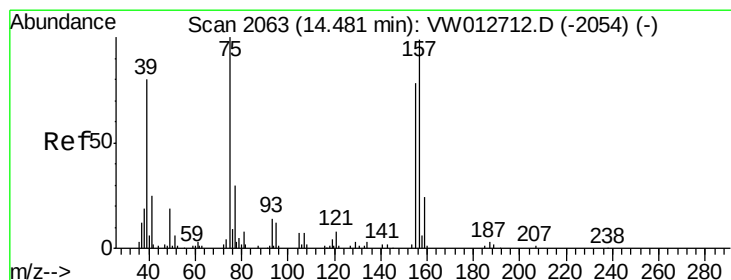
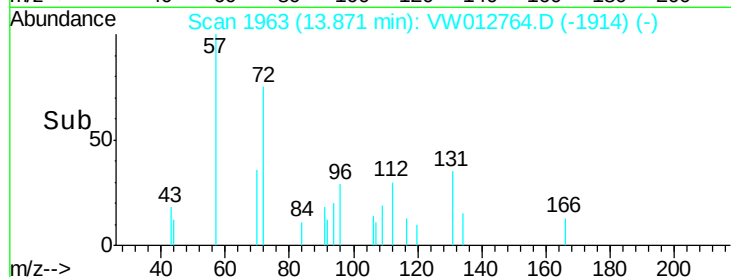
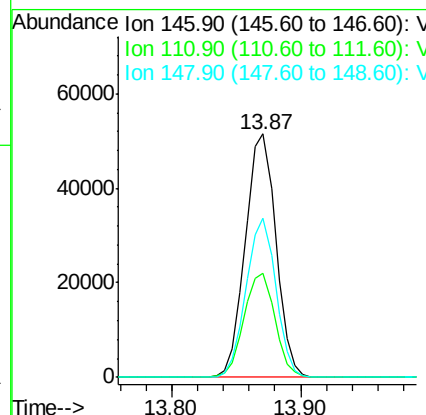
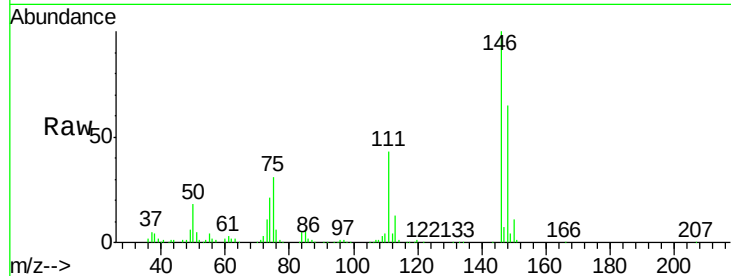
#91
 1,2-Dichlorobenzene
 Concen: 19.709 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.9
148	63.7	32.1	96.5

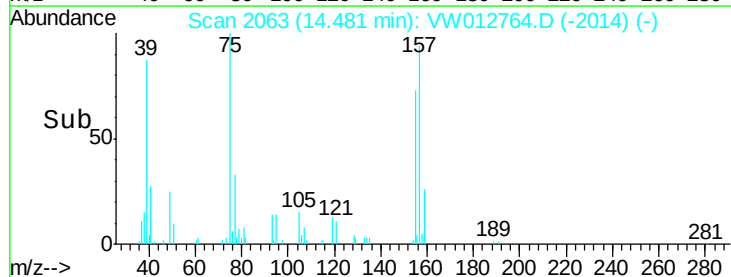
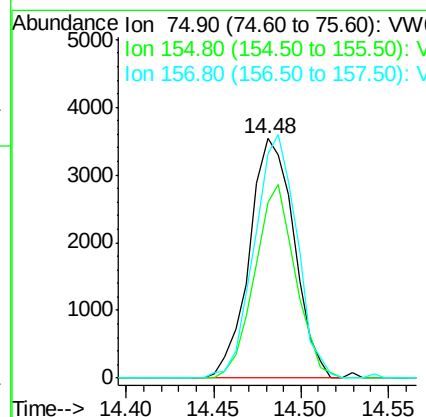
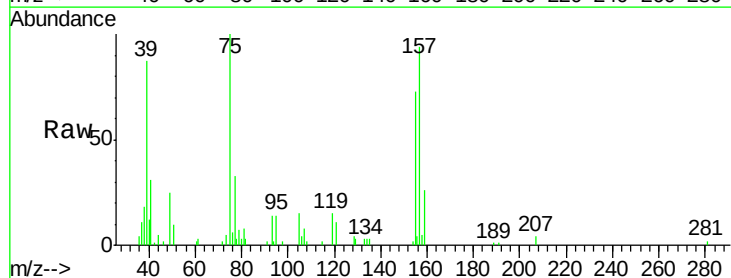
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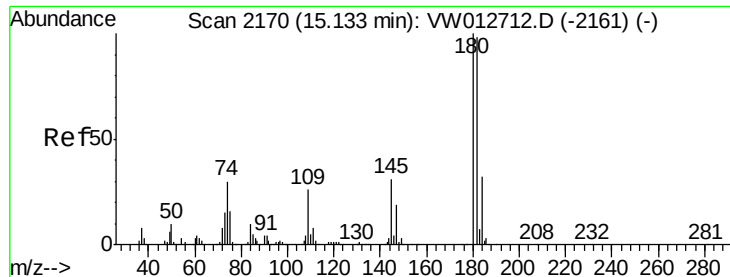
MMDadoda
 9/9/2019 11:25:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.910 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.4	40.6	122.0
157	96.3	52.5	157.5





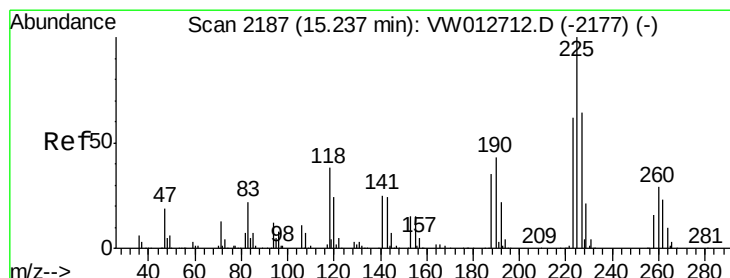
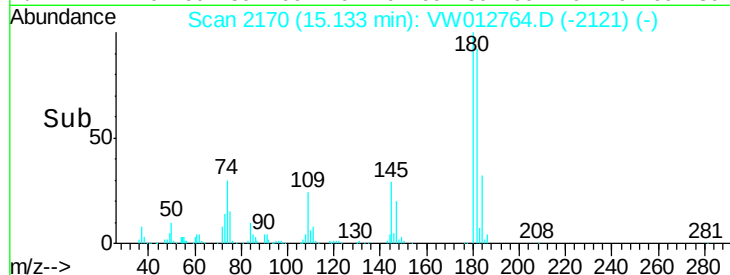
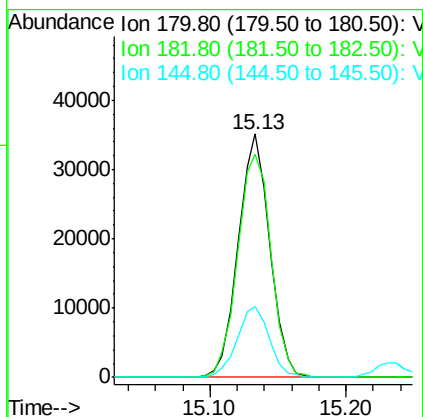
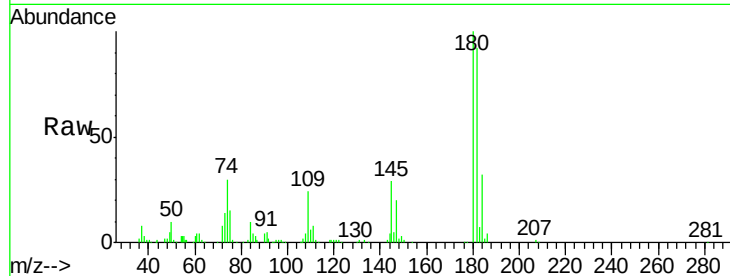
#93
 1,2,4-Trichlorobenzene
 Concen: 18.923 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	56739		
182	97.3	48.7	146.1	
145	29.8	15.0	45.1	

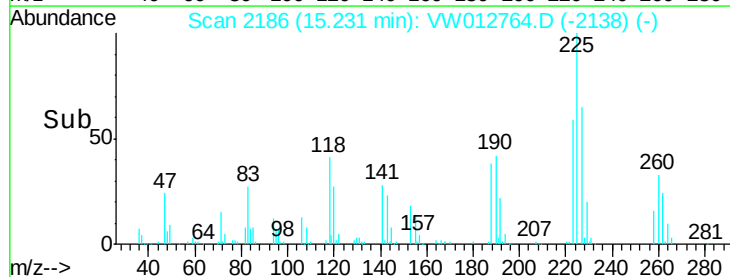
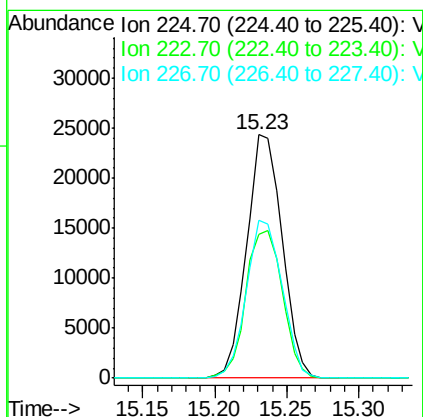
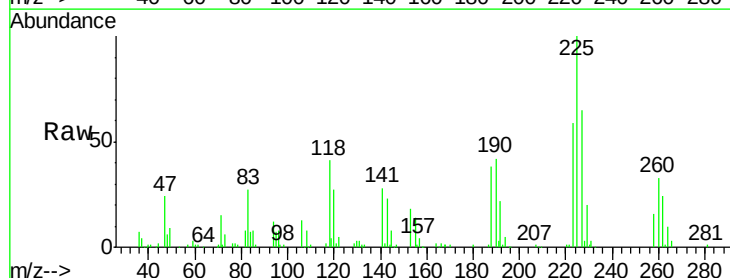
Manual Integrations
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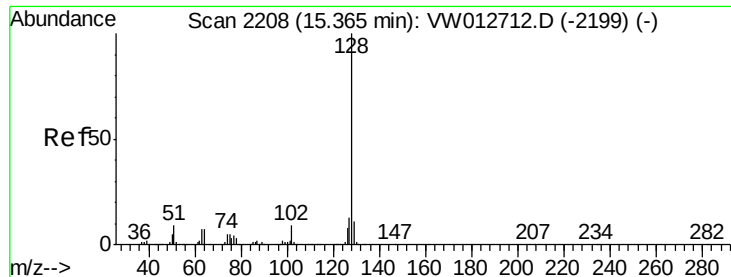
MMDadoda
 9/9/2019 11:25:23 AM



#94
 Hexachlorobutadiene
 Concen: 19.998 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012764.D
 Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	41503		
223	62.7	31.1	93.3	
227	65.4	31.4	94.2	





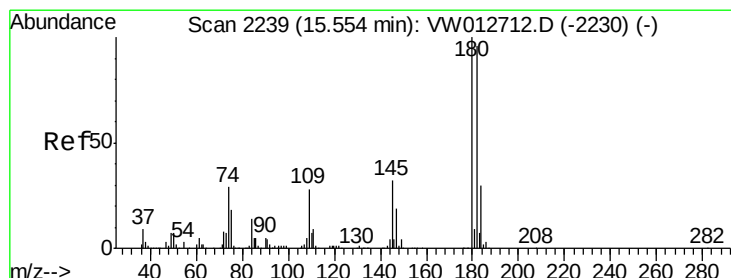
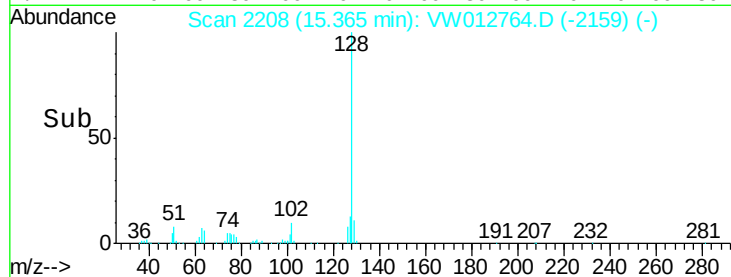
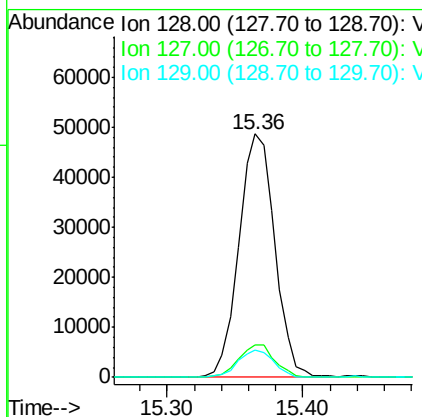
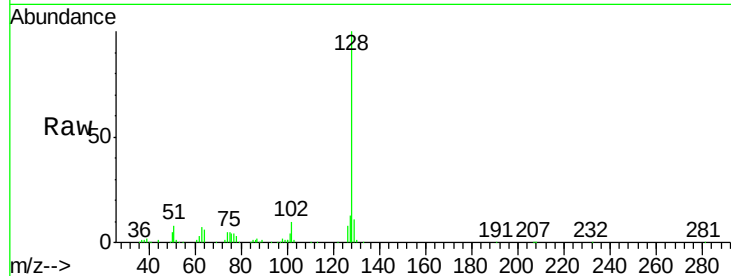
#95
Naphthalene
Concen: 17.471 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	89893		
127	13.6	10.7	16.1	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/9/2019 11:25:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.868 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012764.D
Acq: 08 Sep 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	49939		
182	96.1	47.8	143.3	
145	31.0	15.4	46.2	

