

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012864.D
 Acq On : 10 Sep 2019 12:31
 Operator : SY/VA
 Sample : VW0910SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 9:26:56 AM

Quant Time: Sep 10 15:15:51 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	216678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	321525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	107839	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	7.88	113	88468	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	10.32	98	368679	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.61	95	127216	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22661	19.292	ug/l	94
3) Chloromethane	2.21	50	29139	20.412	ug/l	90
4) Vinyl Chloride	2.36	62	37915	21.661	ug/l	99
5) Bromomethane	2.77	94	21938	23.081	ug/l	94
6) Chloroethane	2.91	64	22163	21.218	ug/l	92
7) Trichlorofluoromethane	3.25	101	24529	20.307	ug/l	100
8) Diethyl Ether	3.68	74	20680	20.370	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36873	19.452	ug/l	96
10) Methyl Iodide	4.27	142	46992	19.693	ug/l	100
11) Tert butyl alcohol	5.20	59	20520m	110.779	ug/l	
12) 1,1-Dichloroethene	4.04	96	34841	19.471	ug/l	93
13) Acrolein	3.89	56	16788	85.406	ug/l	97
14) Allyl chloride	4.67	41	67378	18.202	ug/l	98
15) Acrylonitrile	5.36	53	54263	91.513	ug/l	98
16) Acetone	4.13	43	51729	78.375	ug/l	97
17) Carbon Disulfide	4.38	76	73324	19.305	ug/l	99
18) Methyl Acetate	4.67	43	27637	17.848	ug/l	95
19) Methyl tert-butyl Ether	5.41	73	69863	19.687	ug/l	93
20) Methylene Chloride	4.92	84	40702	19.712	ug/l	90
21) trans-1,2-Dichloroethene	5.41	96	36746	20.126	ug/l	91
22) Diisopropyl ether	6.31	45	138245	18.830	ug/l	97
23) Vinyl Acetate	6.25	43	433525	93.177	ug/l	98
24) 1,1-Dichloroethane	6.21	63	75876	19.195	ug/l	100
25) 2-Butanone	7.17	43	79221	94.782	ug/l	94
26) 2,2-Dichloropropane	7.16	77	52677	21.099	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	42502	20.076	ug/l	99
28) Bromochloromethane	7.51	49	30964	17.059	ug/l	89
29) Tetrahydrofuran	7.53	42	46128	86.546	ug/l	94
30) Chloroform	7.67	83	74504	19.017	ug/l	98
31) Cyclohexane	7.95	56	69750	19.600	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	61142	19.254	ug/l	99
36) 1,1-Dichloropropene	8.08	75	57479	20.120	ug/l	98
37) Ethyl Acetate	7.25	43	33434	18.359	ug/l	99
38) Carbon Tetrachloride	8.06	117	55191	19.598	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67030	20.891	ug/l	94
40) Benzene	8.32	78	159020	20.062	ug/l	98
41) Methacrylonitrile	7.48	41	20046	18.788	ug/l	94
42) 1,2-Dichloroethane	8.40	62	53107	19.038	ug/l	97
43) Isopropyl Acetate	8.42	43	63563	18.422	ug/l	97
44) Trichloroethene	9.09	130	43351	21.218	ug/l	89
45) 1,2-Dichloropropane	9.37	63	42623	19.388	ug/l	95
46) Dibromomethane	9.46	93	21132	20.299	ug/l	98
47) Bromodichloromethane	9.64	83	54620	19.071	ug/l	97
48) Methyl methacrylate	9.44	41	29673	17.996	ug/l	97
49) 1,4-Dioxane	9.47	88	7244	352.280	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	164664	90.951	ug/l	97
52) Toluene	10.39	92	99419	20.096	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	56752	19.270	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	64469	19.297	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30645	19.663	ug/l	96
56) Ethyl methacrylate	10.65	69	43777	19.189	ug/l	98
57) 1,3-Dichloropropane	10.93	76	55702	19.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	113770	93.936	ug/l	97
59) 2-Hexanone	10.97	43	114044	86.221	ug/l	97
60) Dibromochloromethane	11.13	129	35696	19.475	ug/l	99
61) 1,2-Dibromoethane	11.23	107	29057	20.336	ug/l	98
64) Tetrachloroethene	10.87	164	36207	21.820	ug/l	88
65) Chlorobenzene	11.66	112	107960	20.888	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39035	20.280	ug/l	98
67) Ethyl Benzene	11.73	91	199193	20.541	ug/l	99
68) m/p-Xylenes	11.84	106	146216	41.772	ug/l	98
69) o-Xylene	12.16	106	68396	20.712	ug/l	98
70) Styrene	12.18	104	120381	20.629	ug/l	98
71) Bromoform	12.35	173	21226	19.849	ug/l #	97
73) Isopropylbenzene	12.46	105	201125	20.295	ug/l	100
74) N-amyl acetate	12.27	43	57162	18.172	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	37012	18.597	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	32092m	22.714	ug/l	
77) Bromobenzene	12.75	156	46010	20.493	ug/l	92
78) n-propylbenzene	12.80	91	234443	19.780	ug/l	99
79) 2-Chlorotoluene	12.89	91	133641	19.641	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	167848	20.100	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	11918	17.841	ug/l	98
82) 4-Chlorotoluene	12.99	91	141148	19.612	ug/l	99
83) tert-Butylbenzene	13.21	119	149417	20.236	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	168905	20.074	ug/l	98
85) sec-Butylbenzene	13.38	105	204232	19.933	ug/l	99
86) p-Isopropyltoluene	13.50	119	187494	20.034	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	88584	20.073	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	88617	20.180	ug/l	100
89) n-Butylbenzene	13.82	91	177048	19.486	ug/l	100
90) Hexachloroethane	14.09	117	30857	18.887	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	80179	20.186	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6407	17.591	ug/l	98

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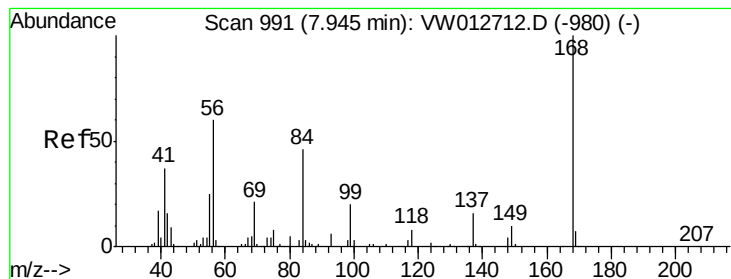
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	57488	20.788	ug/l	98
94) Hexachlorobutadiene	15.24	225	38954	20.351	ug/l	97
95) Naphthalene	15.36	128	100389	20.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	49138	20.130	ug/l	100

(#) = 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: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion:168 Resp: 216678

Ion Ratio Lower Upper

168 100

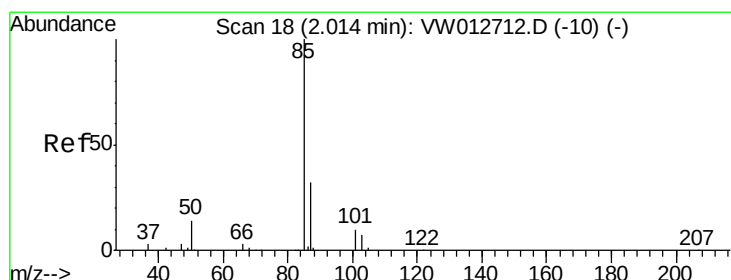
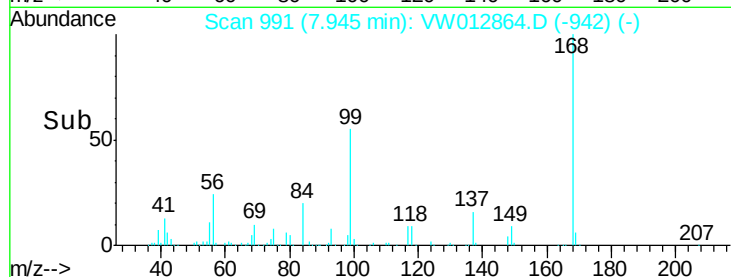
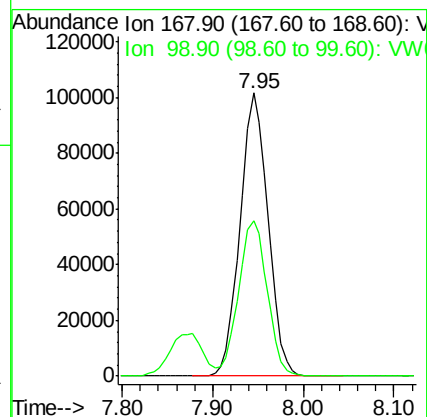
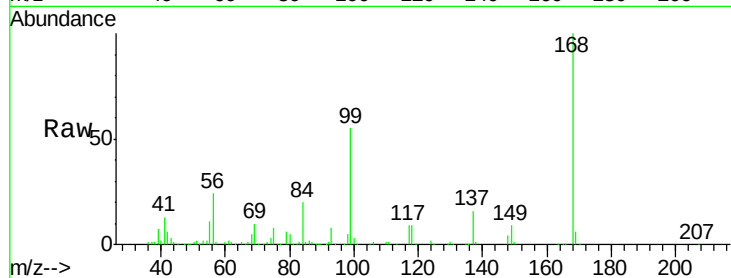
99 55.0 47.8 71.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.292 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012864.D

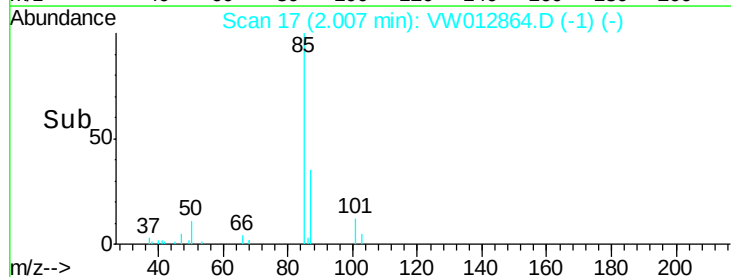
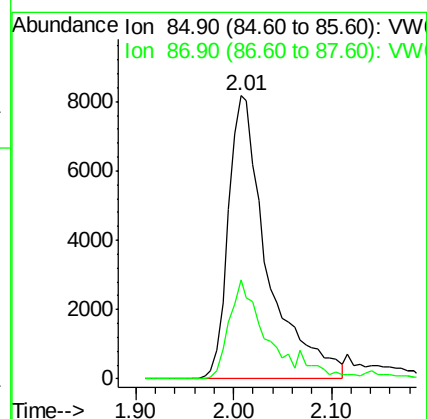
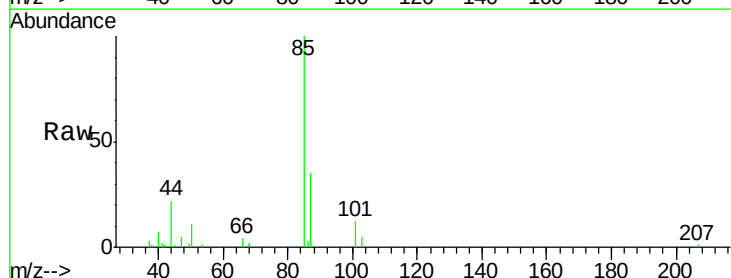
Acq: 10 Sep 2019 12:31

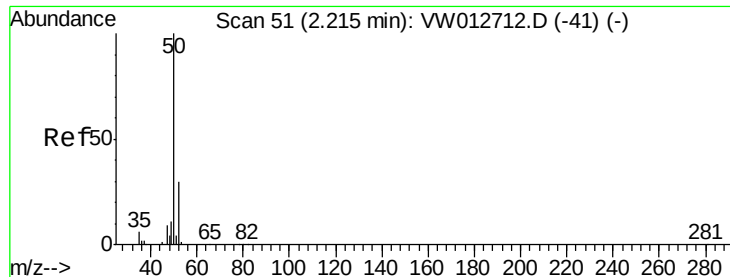
Tgt Ion: 85 Resp: 22661

Ion Ratio Lower Upper

85 100

87 35.0 15.8 47.4





#3

Chloromethane

Concen: 20.412 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 50 Resp: 29139

Ion Ratio Lower Upper

50 100

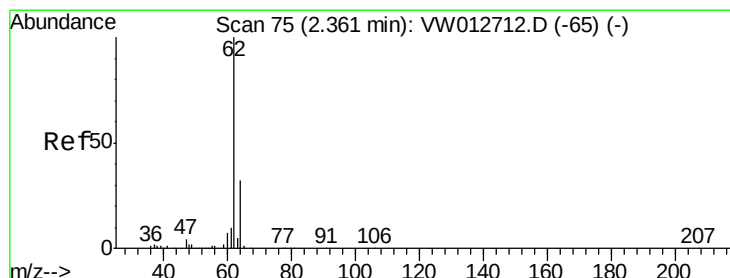
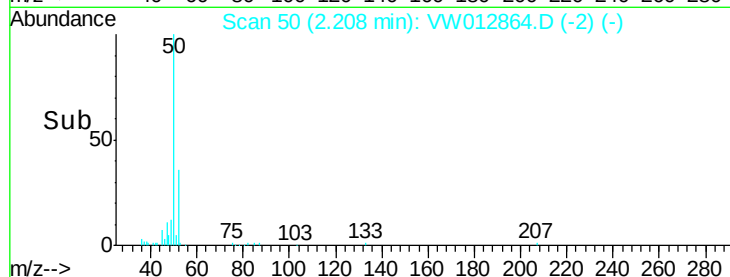
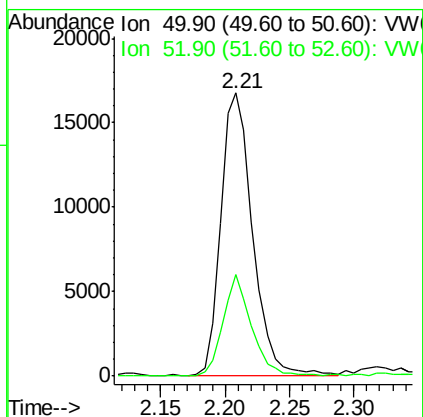
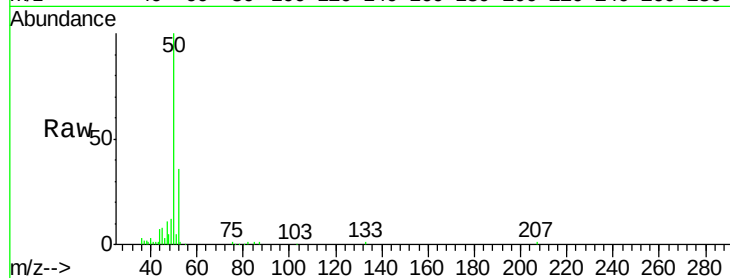
52 35.8 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.661 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012864.D

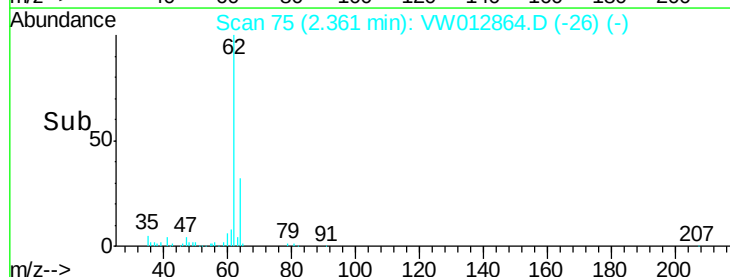
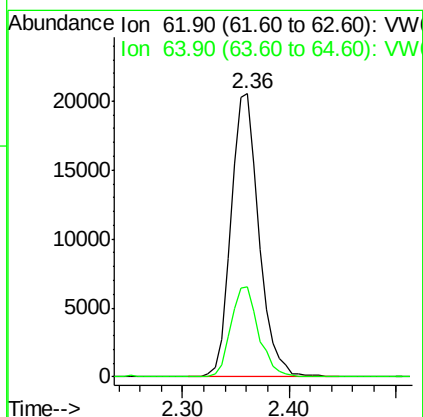
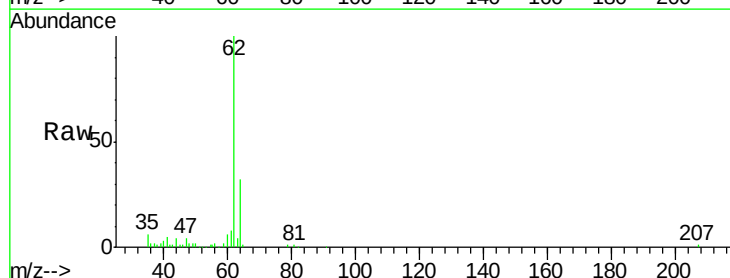
Acq: 10 Sep 2019 12:31

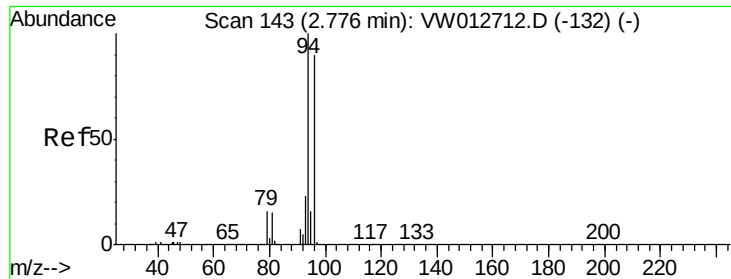
Tgt Ion: 62 Resp: 37915

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 23.081 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 94 Resp: 21938

Ion Ratio Lower Upper

94 100

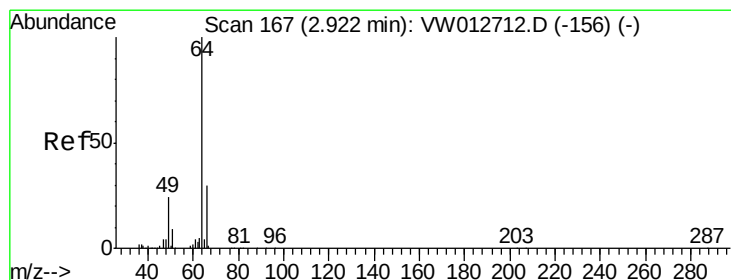
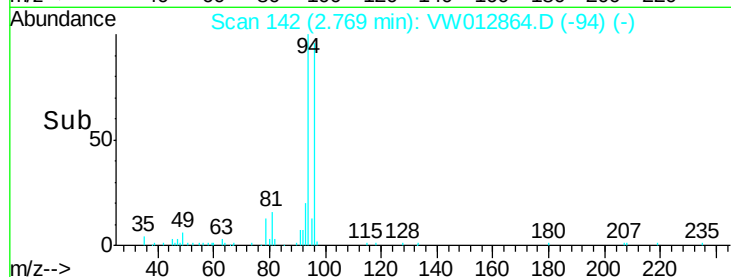
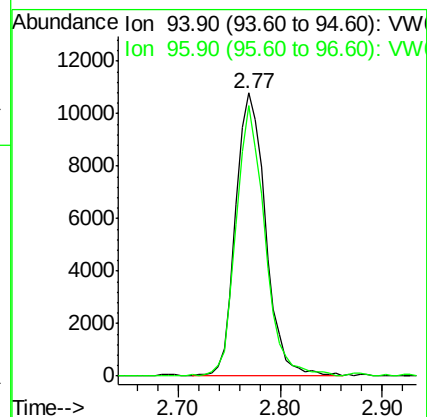
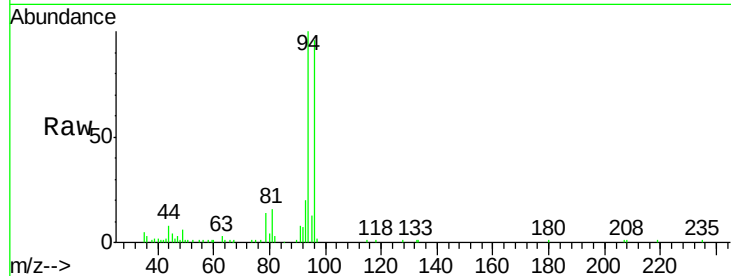
96 95.6 72.1 108.1

Manual Integrations

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9/11/2019 9:26:56 AM



#6

Chloroethane

Concen: 21.218 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012864.D

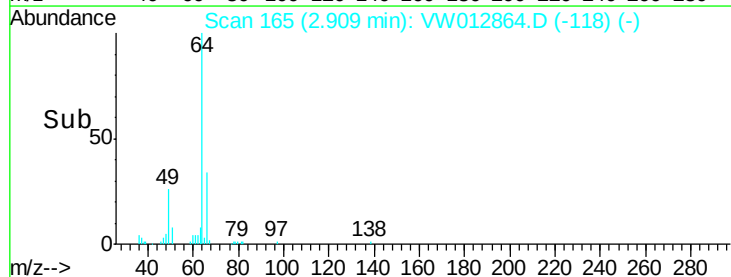
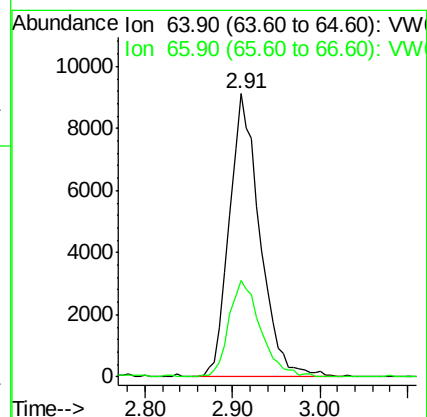
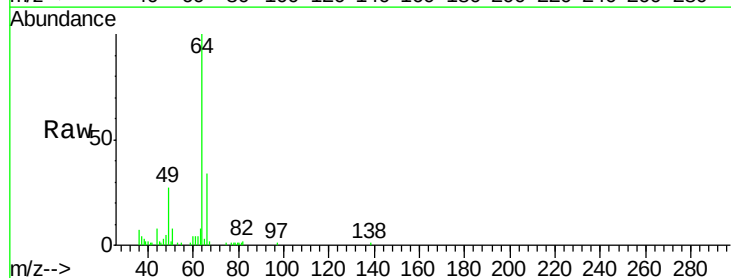
Acq: 10 Sep 2019 12:31

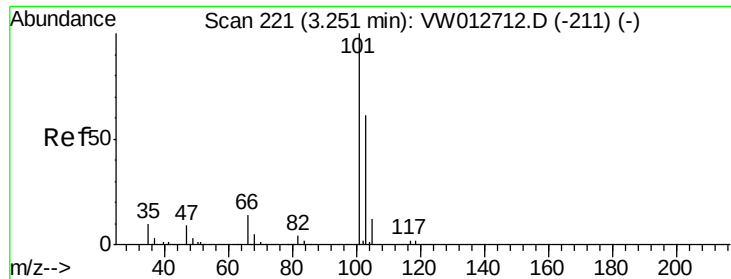
Tgt Ion: 64 Resp: 22163

Ion Ratio Lower Upper

64 100

66 33.9 23.8 35.6





#7

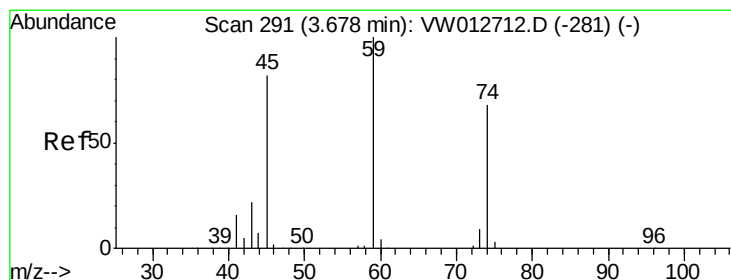
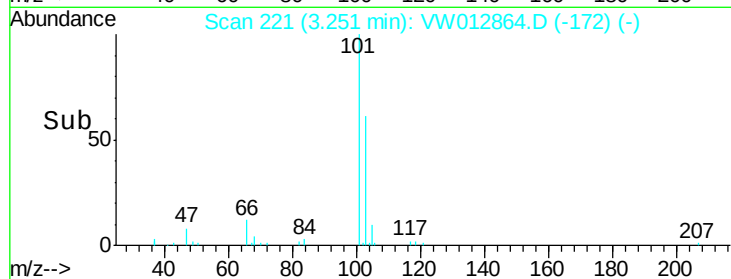
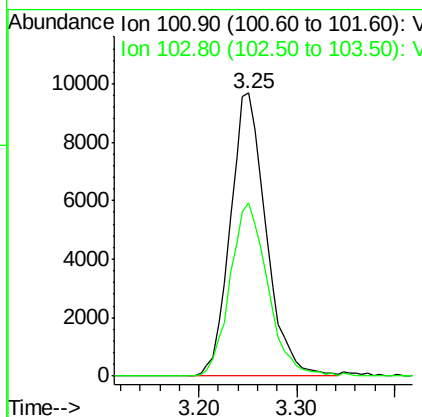
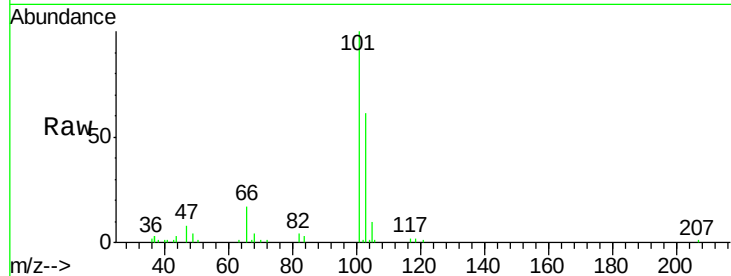
Trichlorofluoromethane
 Concen: 20.307 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
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 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.1	49.0	73.4

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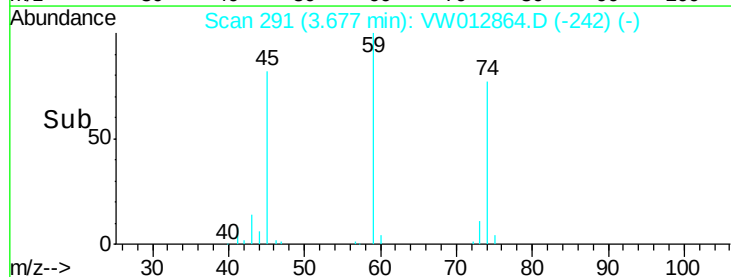
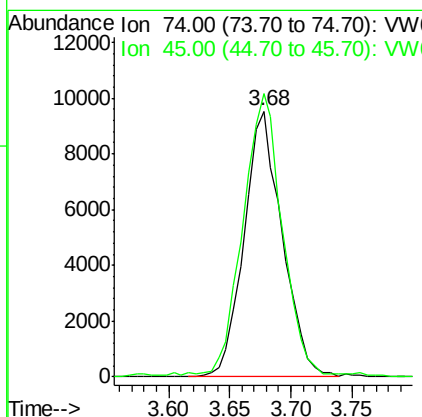
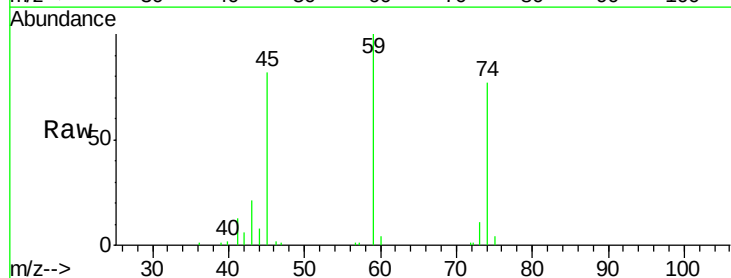
MMDadoda
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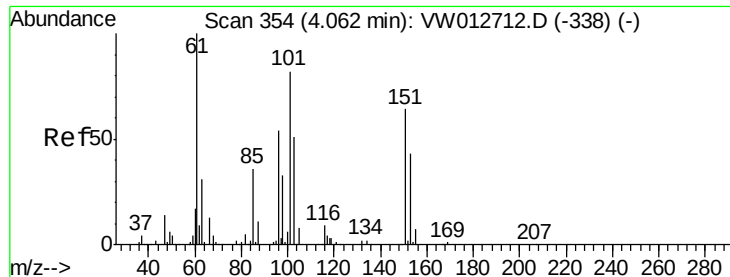


#8

Diethyl Ether
 Concen: 20.370 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.2	58.8	176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.452 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

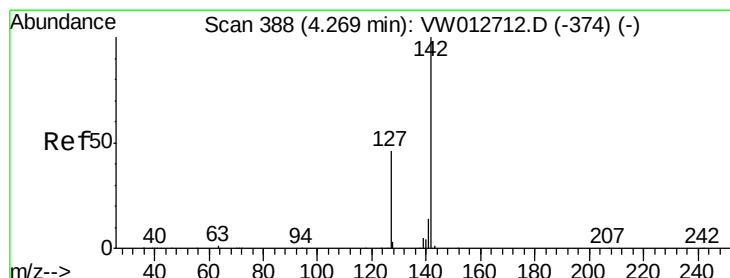
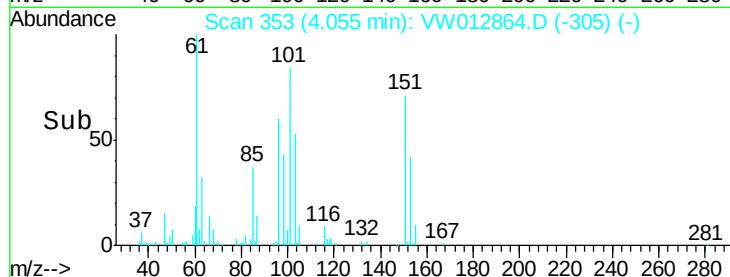
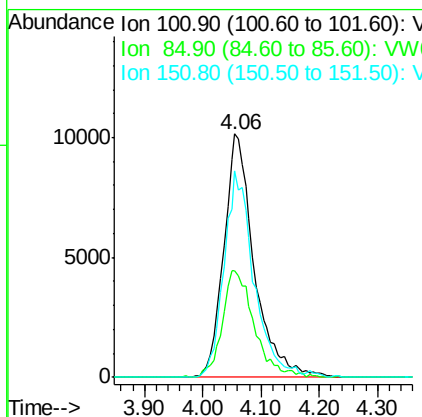
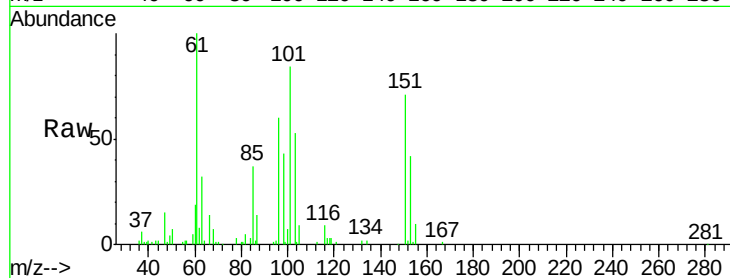
ClientSampleId :

VW0910SBSD01

Tot Ion:	101	Resp:	36873
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.2	54.2
151	82.7	61.9	92.9

Manual Integrations
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9/11/2019 9:26:56 AM



#10

Methyl Iodide

Concen: 19.693 ug/l

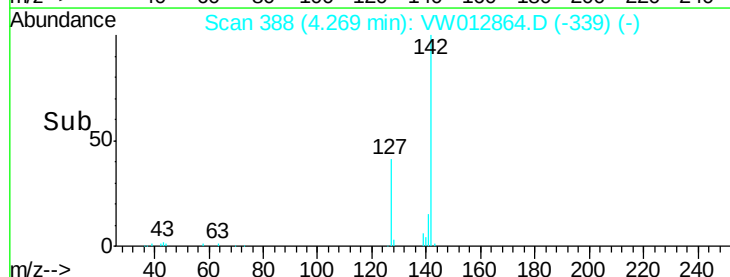
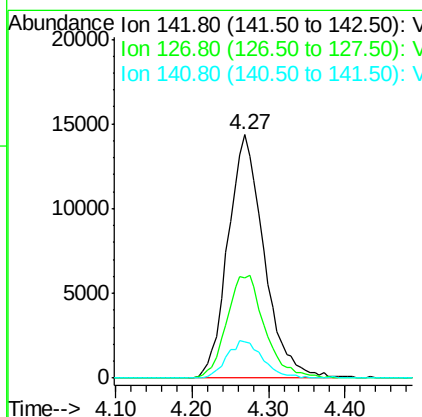
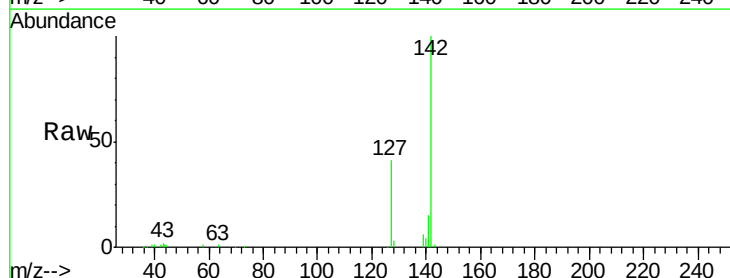
RT: 4.27 min Scan# 388

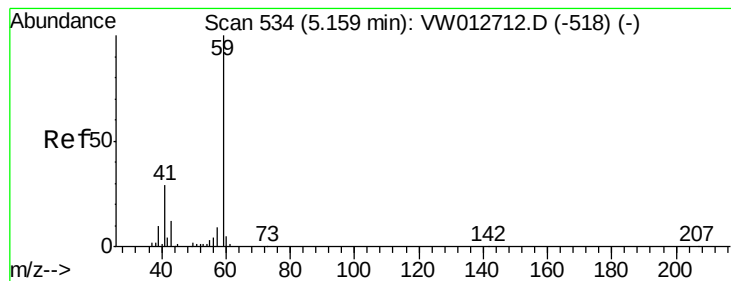
Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Tgt Ion:	142	Resp:	46992
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.0	54.0
141	15.3	12.2	18.4





#11

Tert butyl alcohol

Concen: 110.779 ug/l m

RT: 5.20 min Scan# 541

Delta R.T. 0.04 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 59 Resp: 20520

Ion Ratio Lower Upper

59 100

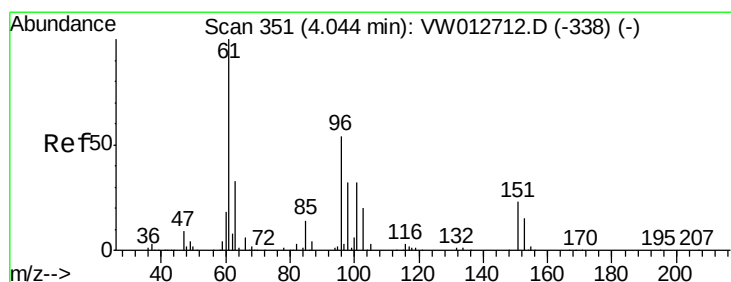
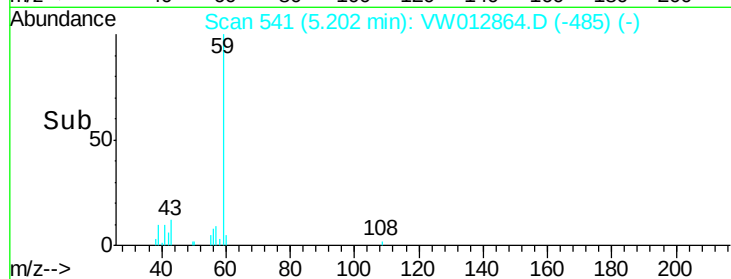
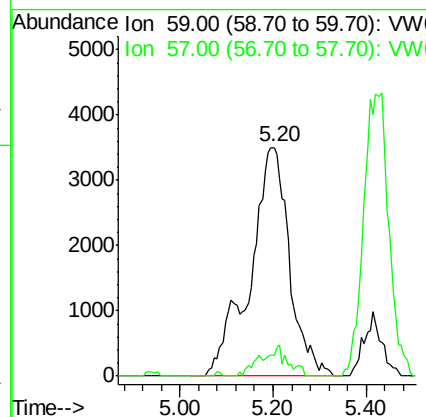
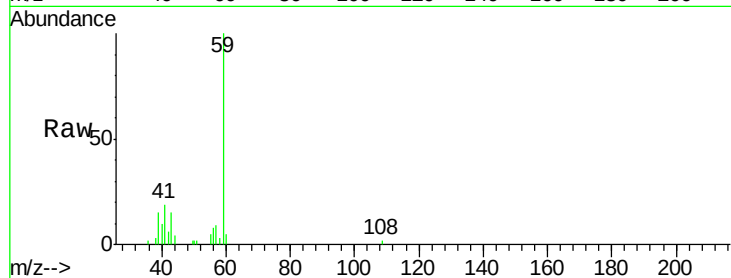
57 3.6 8.2 12.4#

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 19.471 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

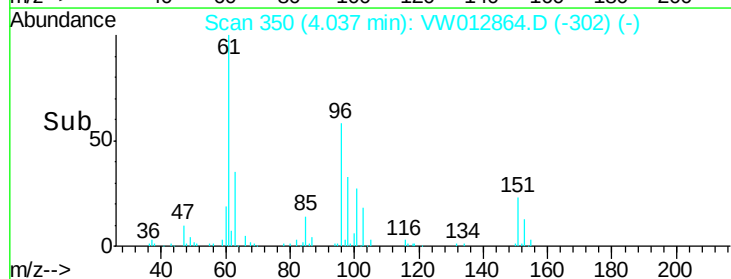
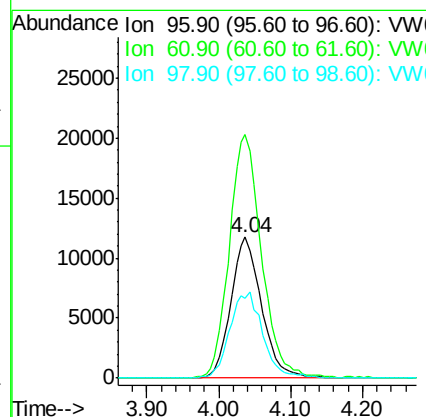
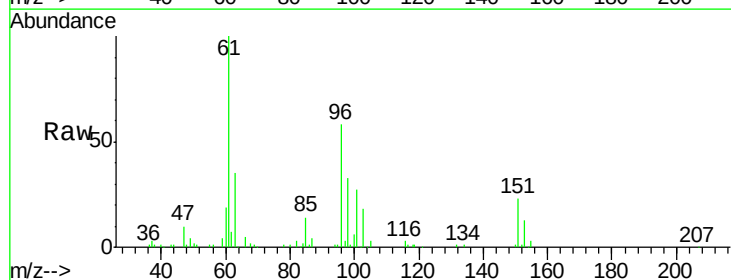
Tgt Ion: 96 Resp: 34841

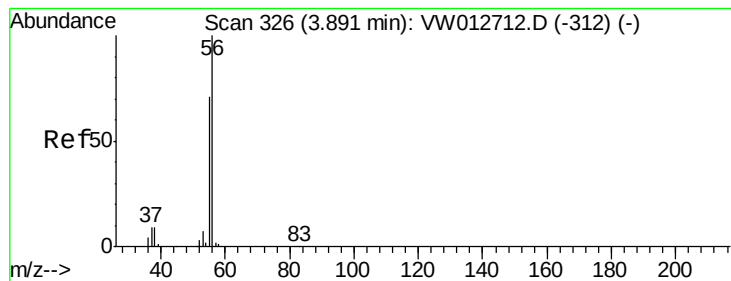
Ion Ratio Lower Upper

96 100

61 173.2 147.8 221.6

98 56.4 47.9 71.9





#13

Acrolein

Concen: 85.406 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 56 Resp: 16788

Ion Ratio Lower Upper

56 100

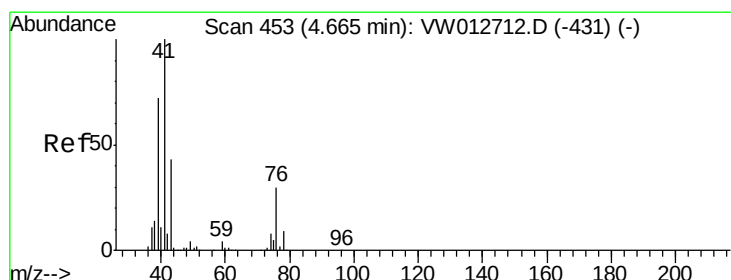
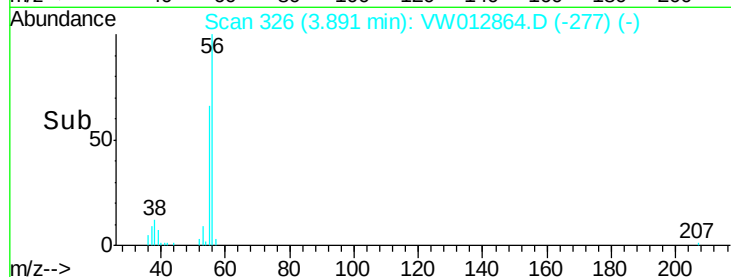
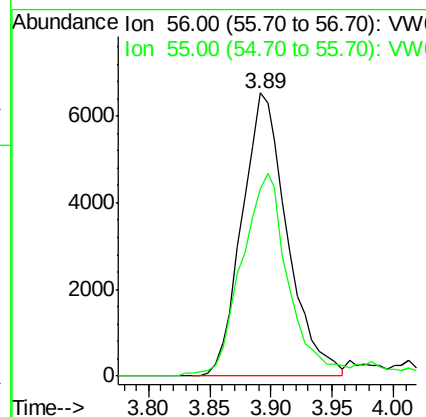
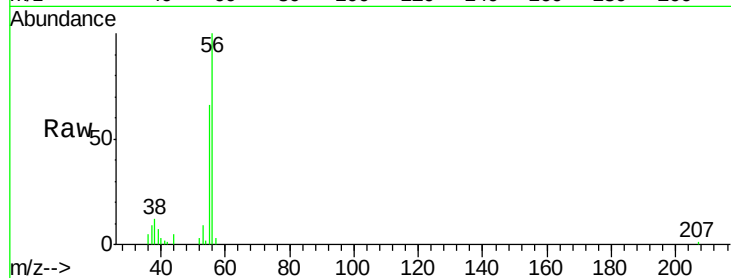
55 73.8 56.9 85.3

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#14

Allyl chloride

Concen: 18.202 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

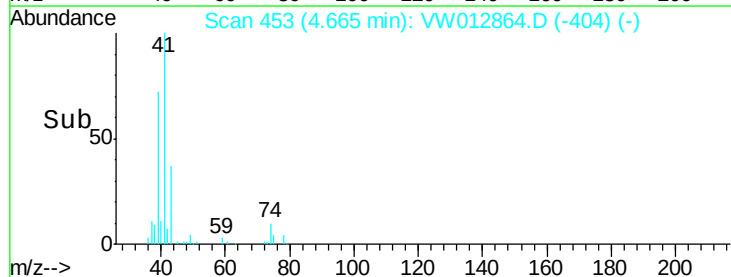
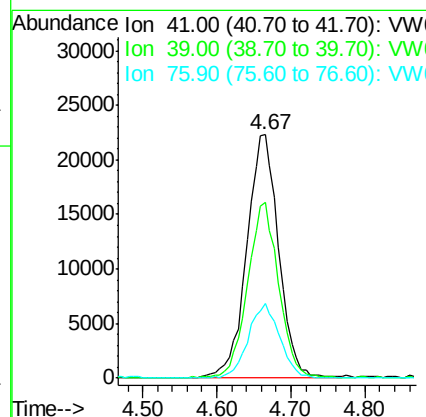
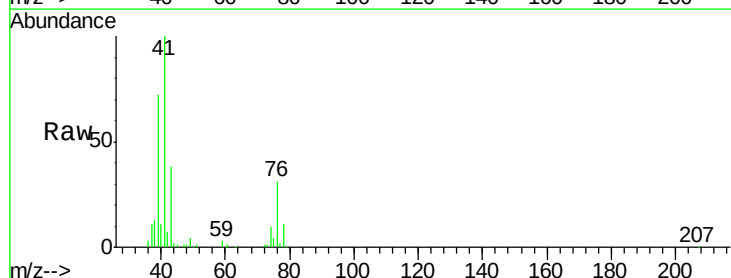
Tgt Ion: 41 Resp: 67378

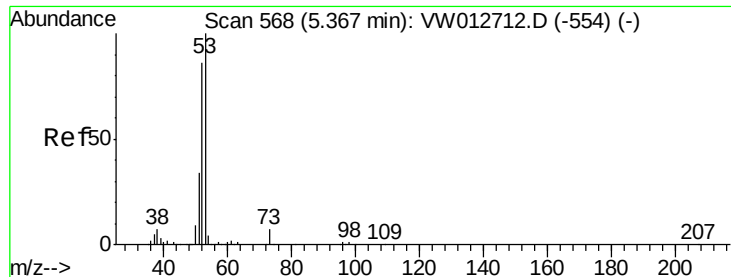
Ion Ratio Lower Upper

41 100

39 70.3 55.0 82.6

76 30.0 23.0 34.4





#15

Acrylonitrile

Concen: 91.513 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

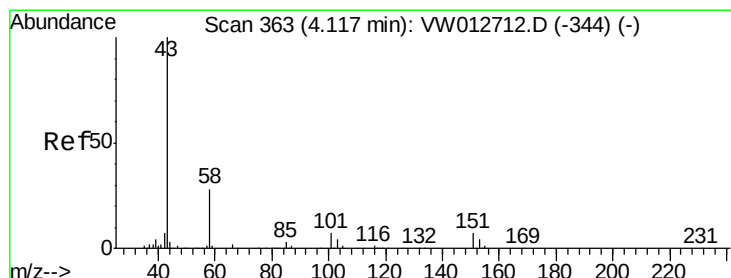
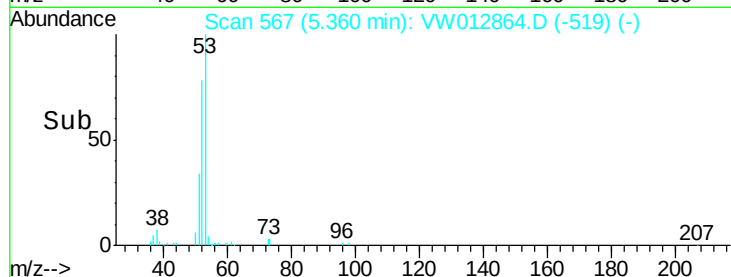
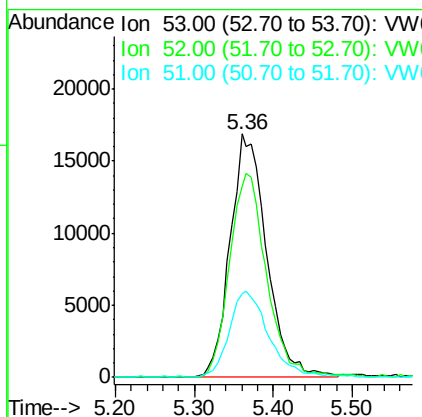
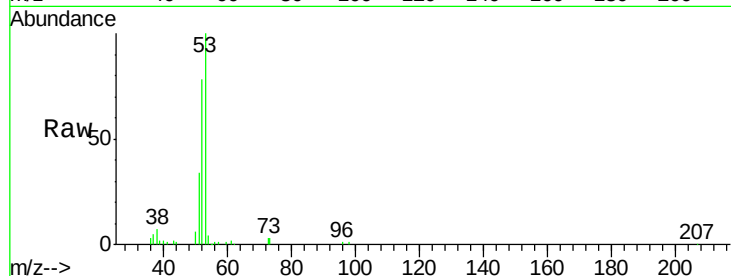
ClientSampleId :

VW0910SBSD01

Tot Ion:	53	Resp:	54263
Ion	Ratio	Lower	Upper
53	100		
52	85.5	67.0	100.4
51	38.3	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 78.375 ug/l

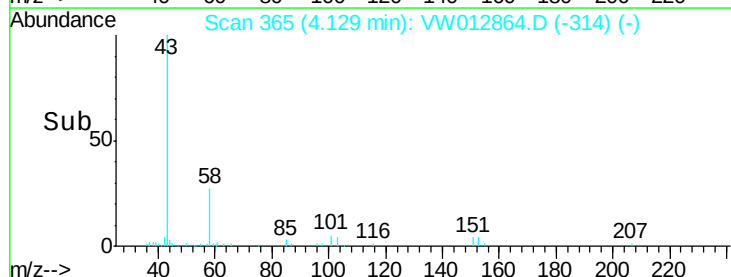
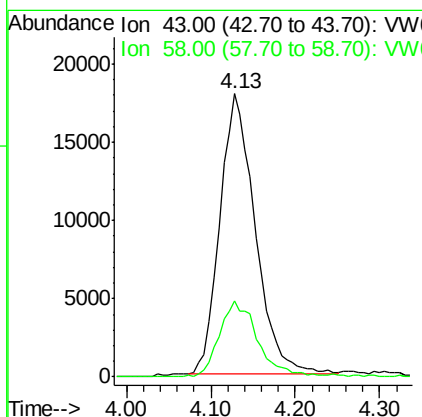
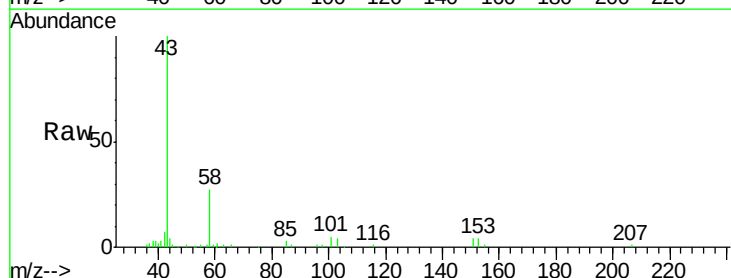
RT: 4.13 min Scan# 365

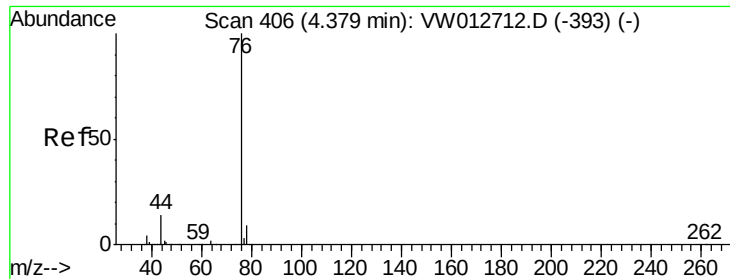
Delta R.T. 0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Tgt Ion:	43	Resp:	51729
Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.6	33.8





#17

Carbon Disulfide

Concen: 19.305 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 76 Resp: 73324

Ion Ratio Lower Upper

76 100

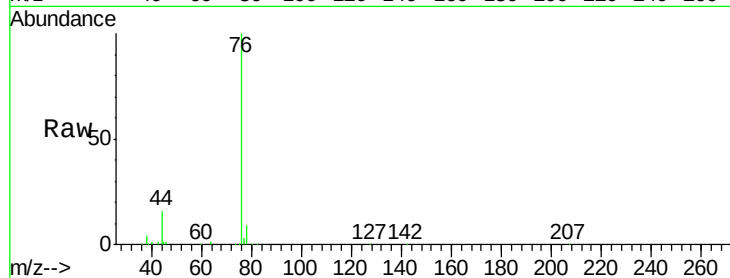
78 9.3 7.2 10.8

Manual Integrations

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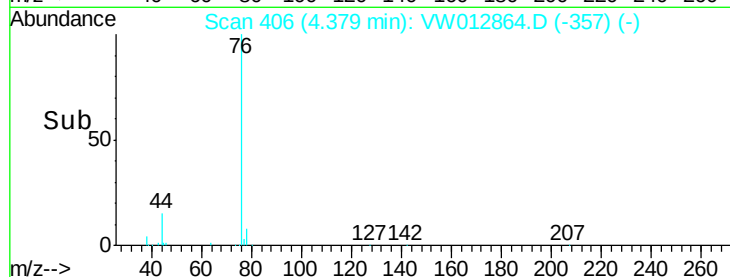
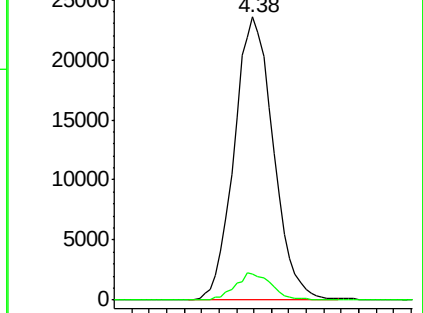
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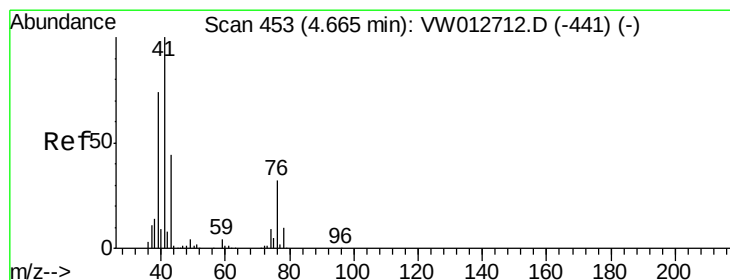


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#18

Methyl Acetate

Concen: 17.848 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012864.D

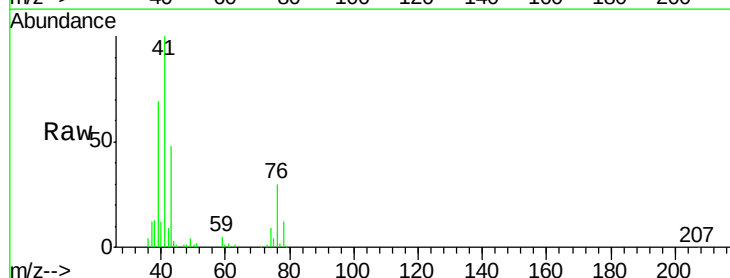
Acq: 10 Sep 2019 12:31

Tgt Ion: 43 Resp: 27637

Ion Ratio Lower Upper

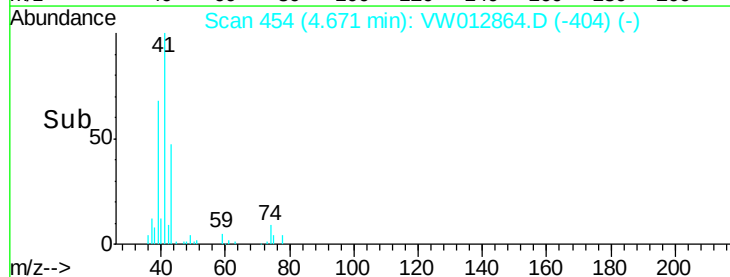
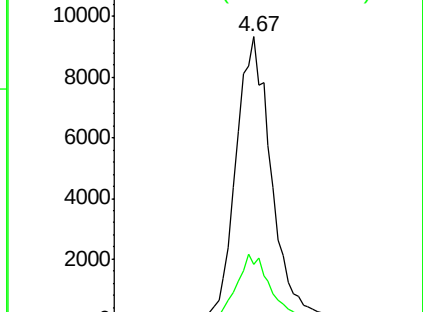
43 100

74 22.1 15.8 23.6

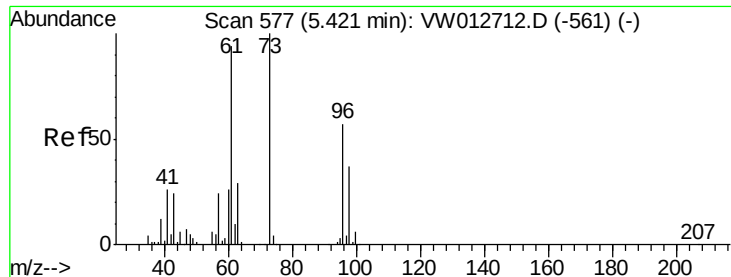


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->



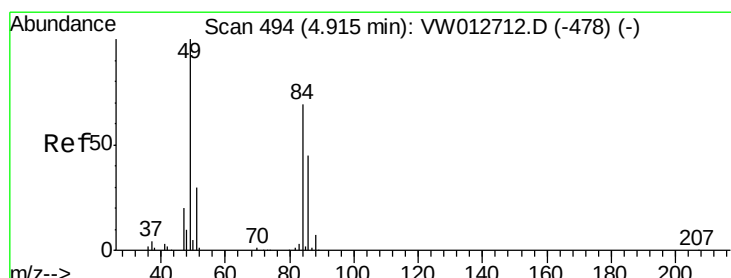
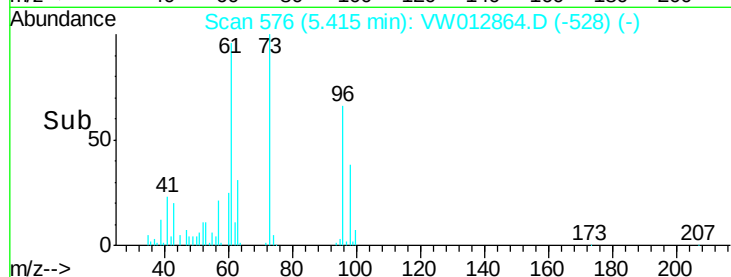
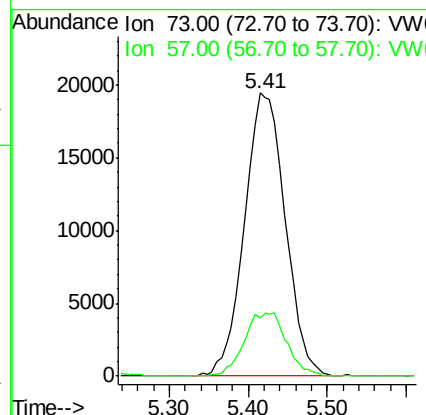
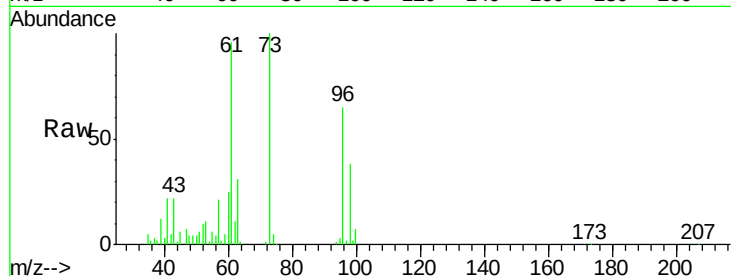
#19
Methyl tert-butyl Ether
Concen: 19.687 ug/l
RT: 5.41 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion: 73 Resp: 69863
Ion Ratio Lower Upper
73 100
57 20.6 19.2 28.8

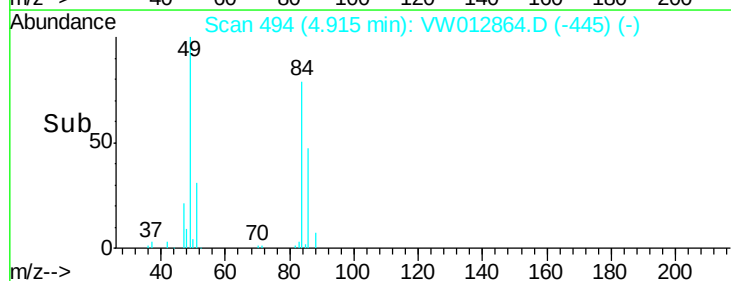
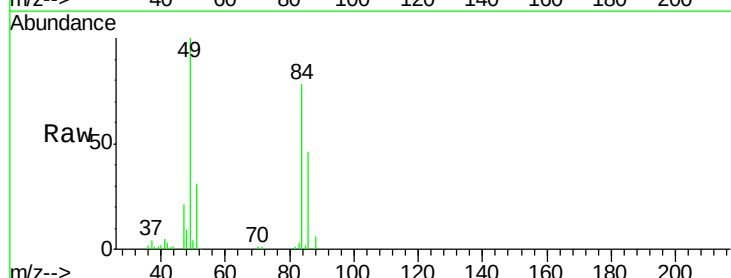
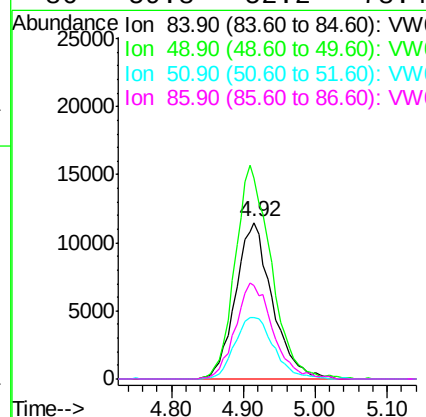
Manual Integrations
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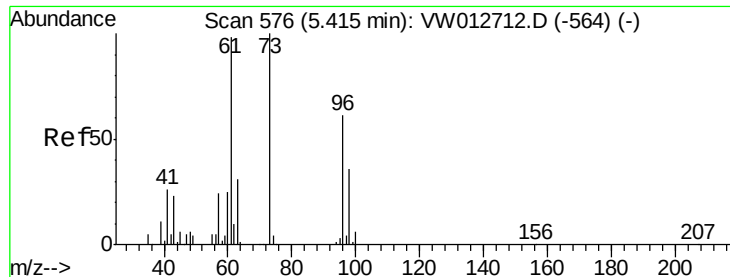
MMDadoda
9/11/2019 9:26:56 AM



#20
Methylene Chloride
Concen: 19.712 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion: 84 Resp: 40702
Ion Ratio Lower Upper
84 100
49 128.8 115.4 173.0
51 39.4 34.9 52.3
86 59.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.126 ug/l

RT: 5.41 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 96 Resp: 36746

Ion Ratio Lower Upper

96 100

61 147.3 129.2 193.8

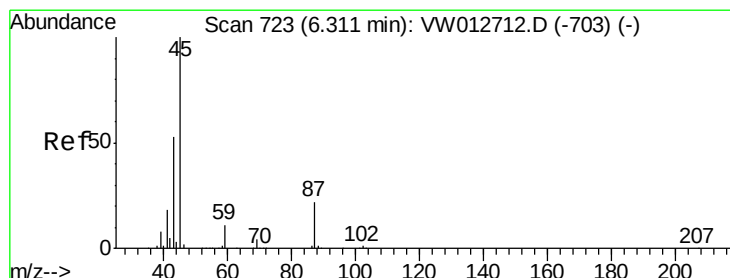
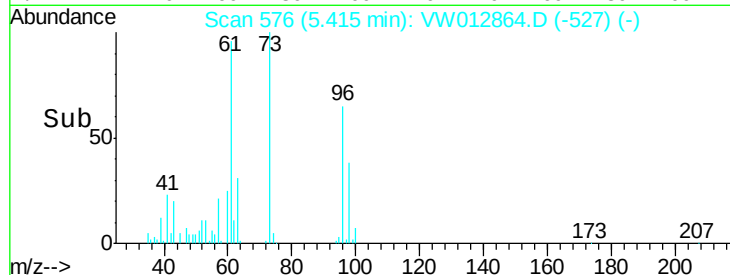
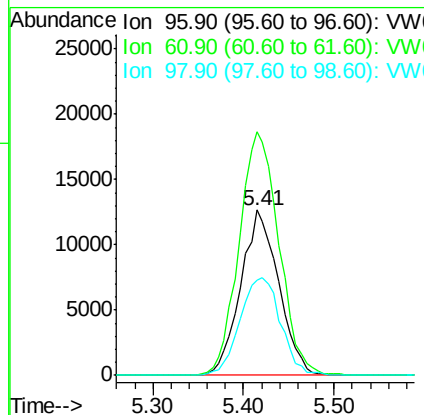
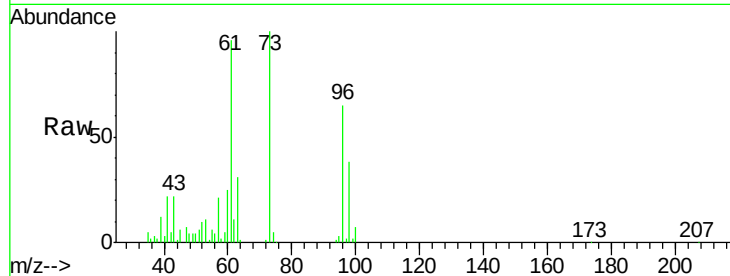
98 57.6 48.0 72.0

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#22

Diisopropyl ether

Concen: 18.830 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Tgt Ion: 45 Resp: 138245

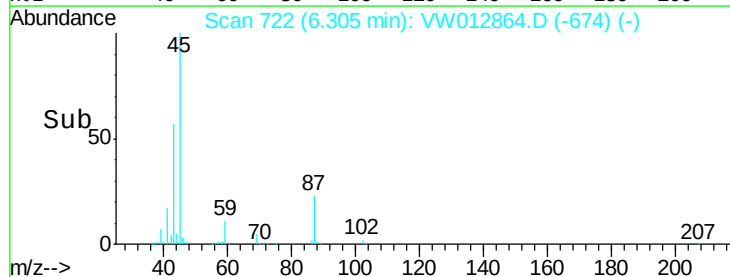
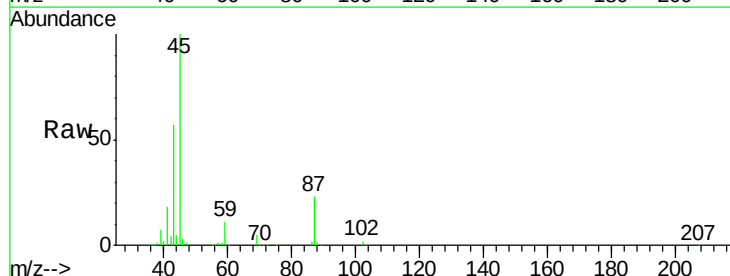
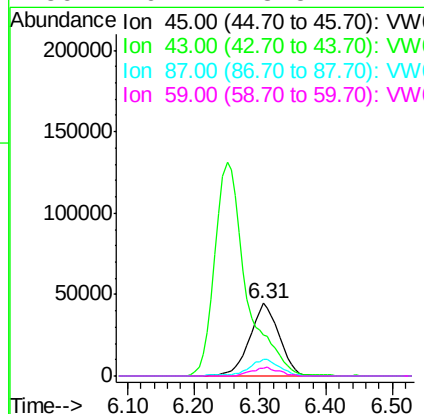
Ion Ratio Lower Upper

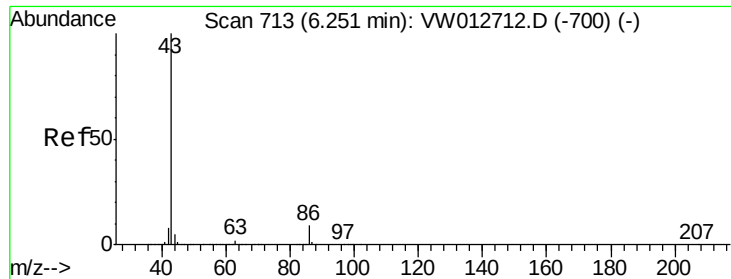
45 100

43 56.1 42.3 63.5

87 23.4 18.2 27.2

59 10.7 8.5 12.7





#23

Vinyl Acetate

Concen: 93.177 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 43 Resp: 433525

Ion Ratio Lower Upper

43 100

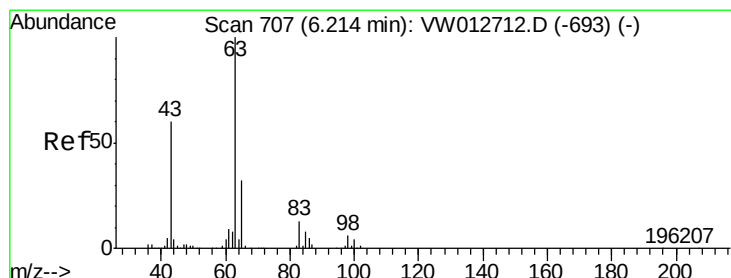
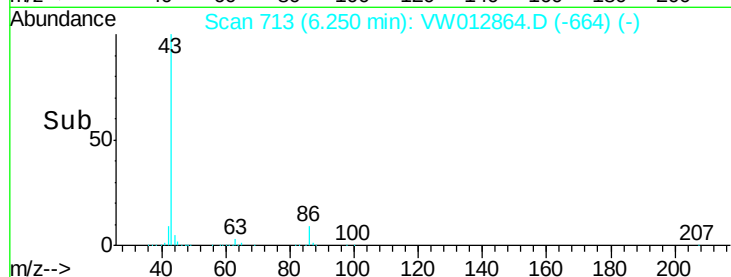
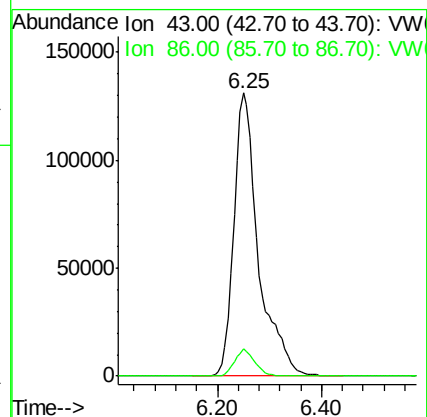
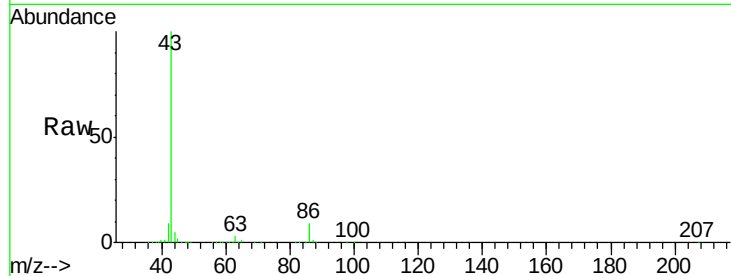
86 9.5 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 19.195 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

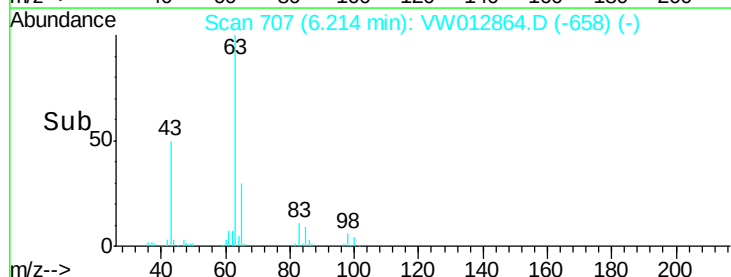
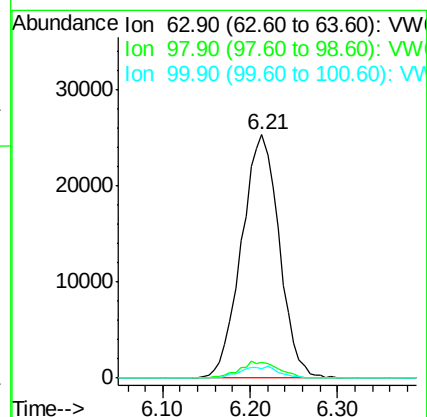
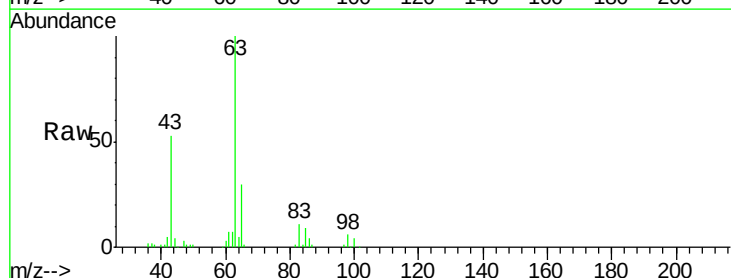
Tgt Ion: 63 Resp: 75876

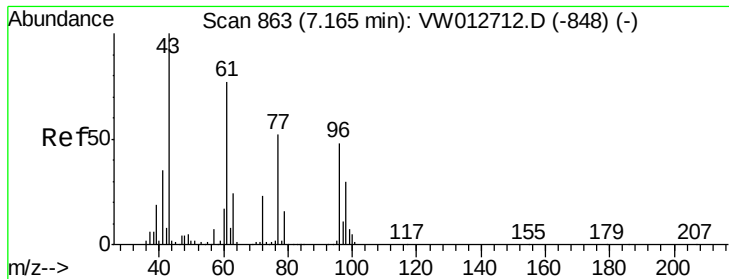
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 94.782 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

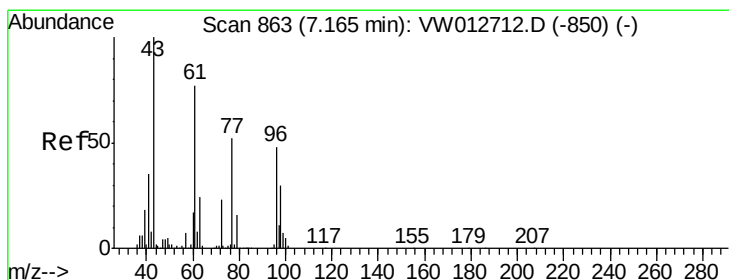
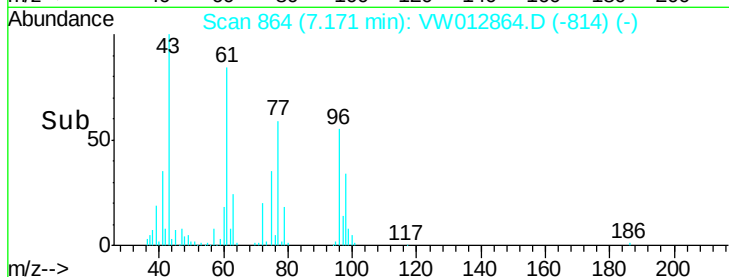
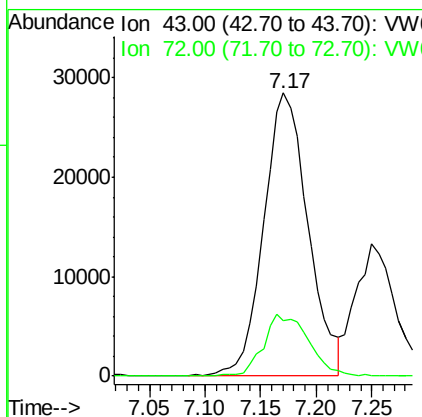
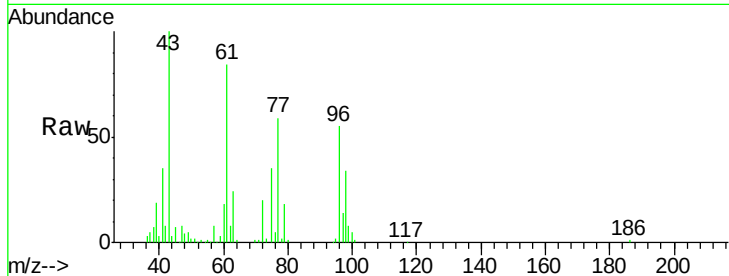
ClientSampleId :

VW0910SBS01

Manual Integrations
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Tot Ion: 43 Resp: 79221
Ion Ratio Lower Upper
43 100
72 19.7 18.0 27.0



#26

2,2-Dichloropropane

Concen: 21.099 ug/l

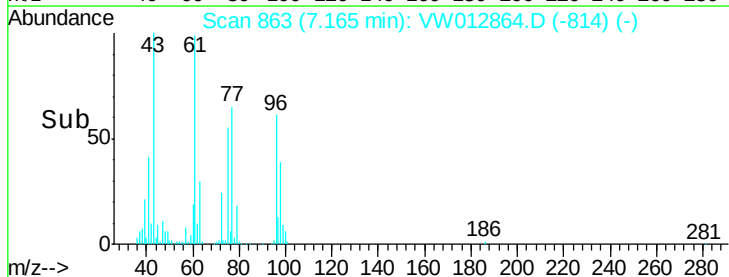
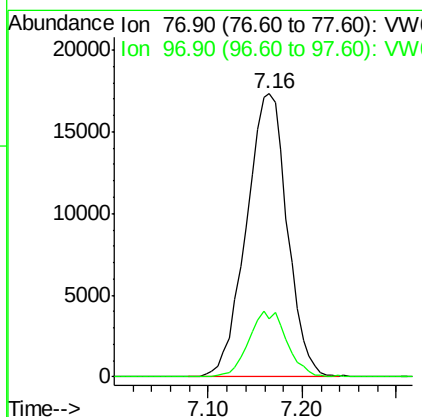
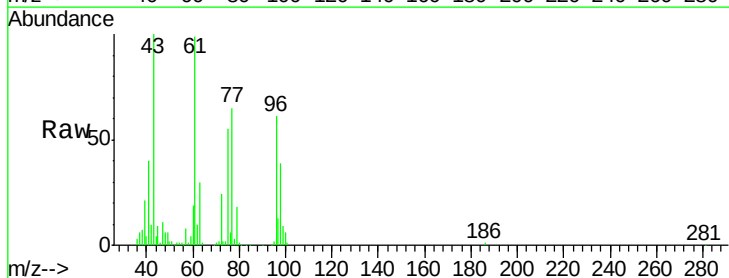
RT: 7.16 min Scan# 863

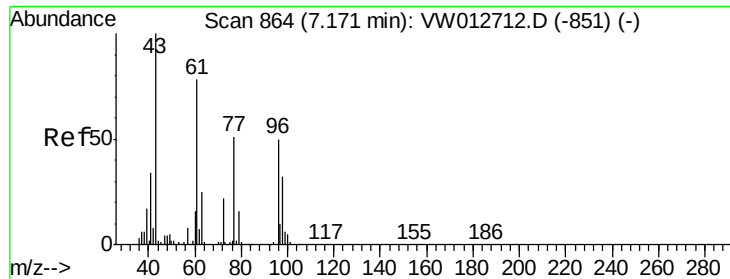
Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Tgt Ion: 77 Resp: 52677
Ion Ratio Lower Upper
77 100
97 21.7 10.7 32.1





#27

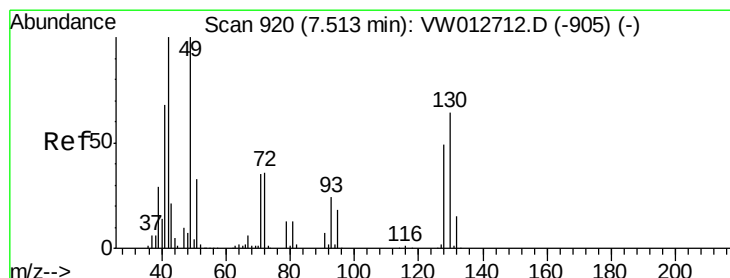
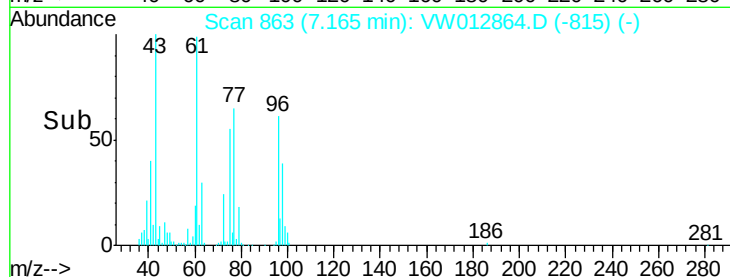
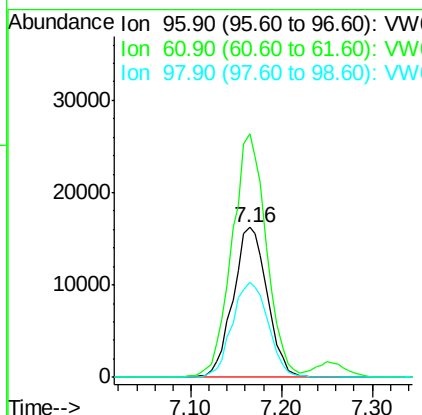
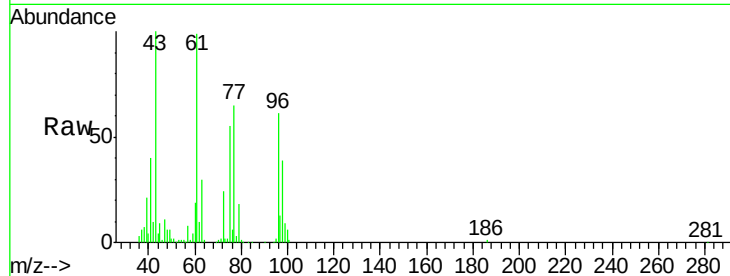
cis-1,2-Dichloroethene
 Concen: 20.076 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.1	0.0	325.8
98	66.4	0.0	127.0

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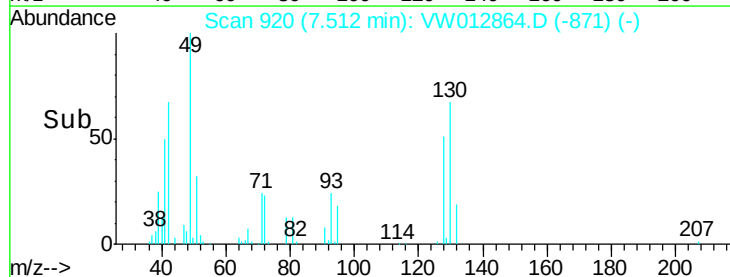
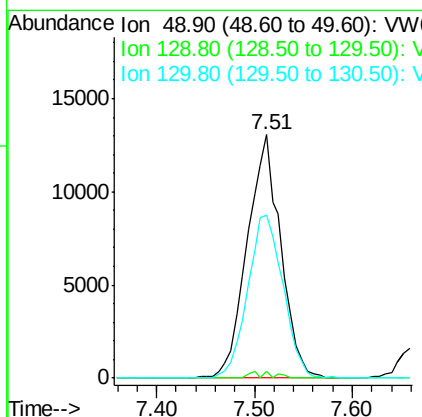
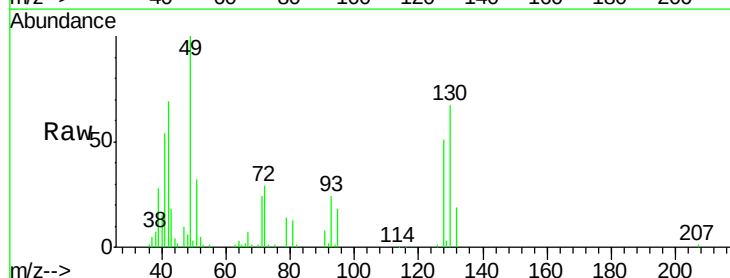
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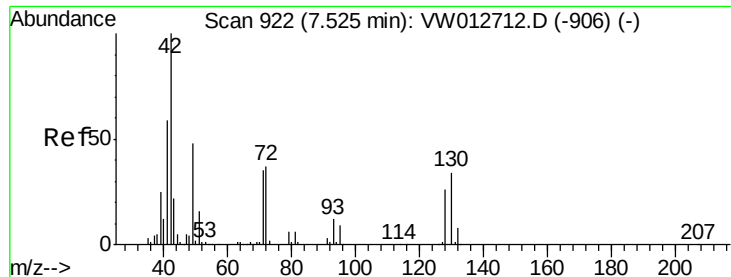


#28

Bromochloromethane
 Concen: 17.059 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	0.8
130	70.7	49.8	74.8





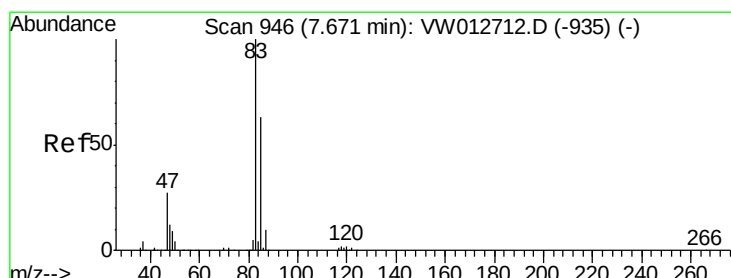
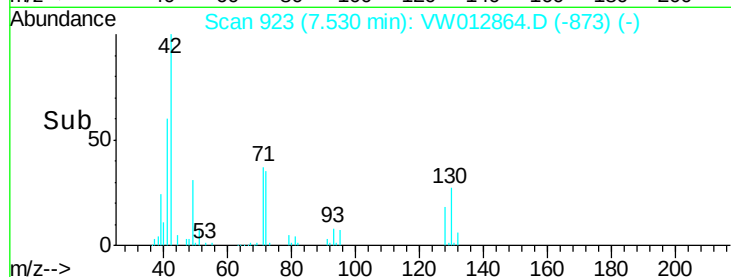
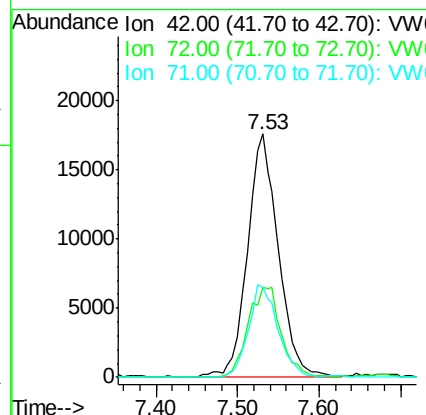
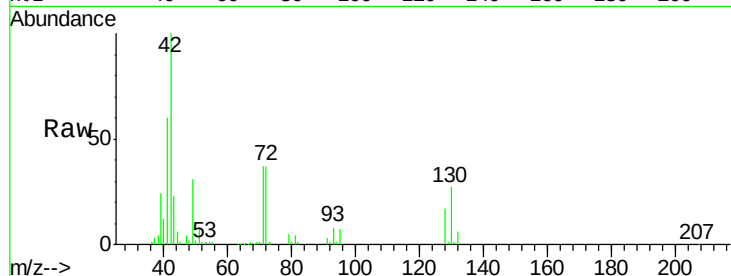
#29
Tetrahydrofuran
Concen: 86.546 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion:	42	Resp:	46128
Ion Ratio	Lower	Upper	
42	100		
72	39.9	28.4	42.6
71	36.7	27.1	40.7

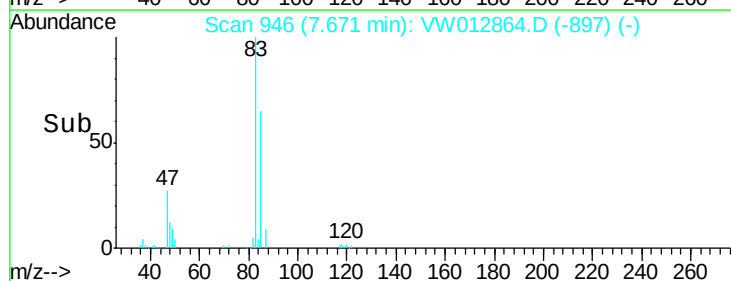
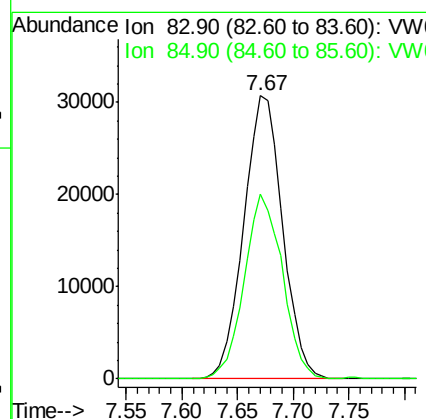
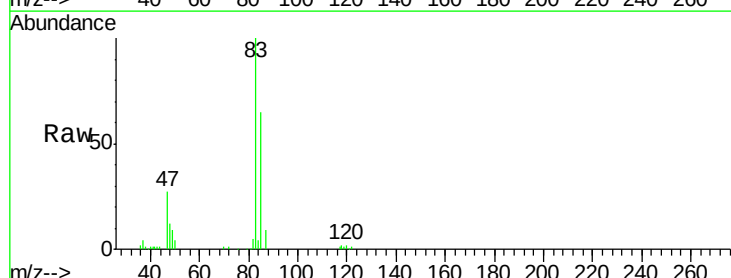
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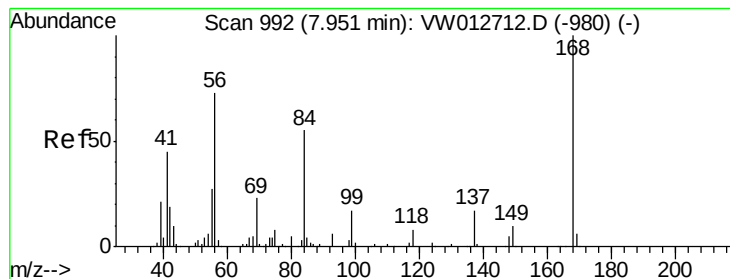
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#30
Chloroform
Concen: 19.017 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion:	83	Resp:	74504
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.6	76.0





#31

Cyclohexane

Concen: 19.600 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

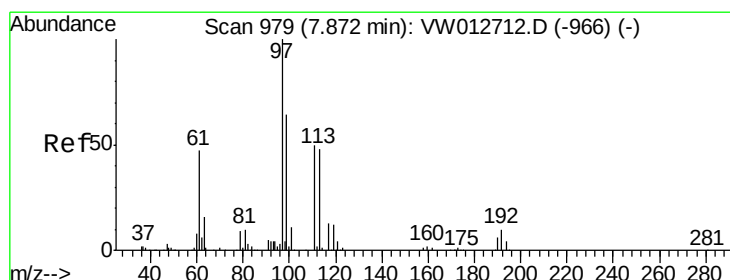
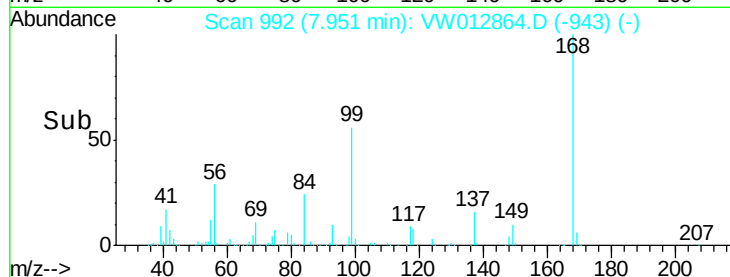
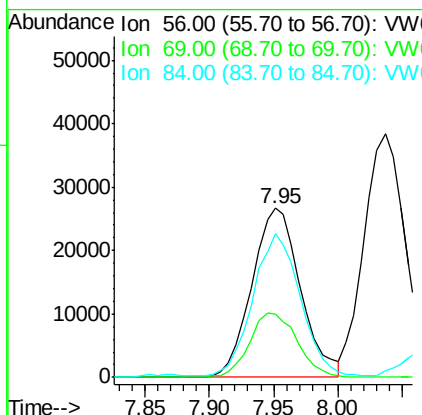
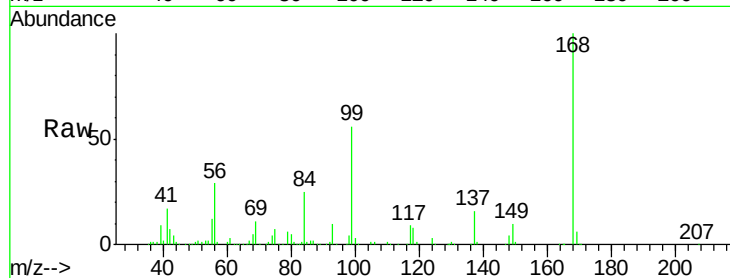
ClientSampleId :

VW0910SBSD01

Tot Ion:	56	Resp:	69750
Ion Ratio	Lower	Upper	
56	100		
69	37.5	25.7	38.5
84	83.4	60.4	90.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.254 ug/l

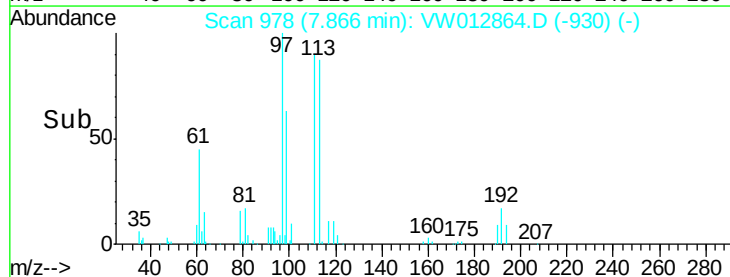
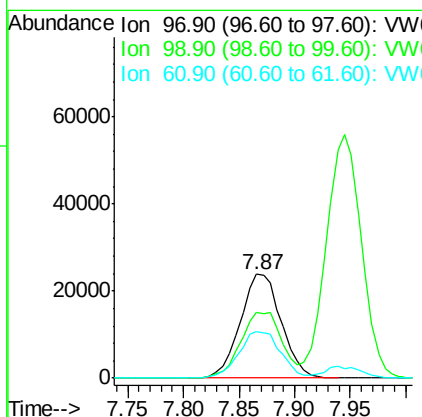
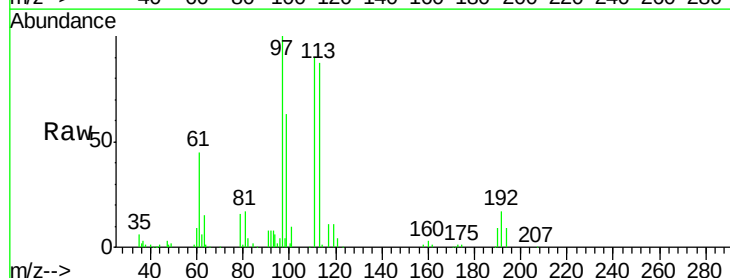
RT: 7.87 min Scan# 978

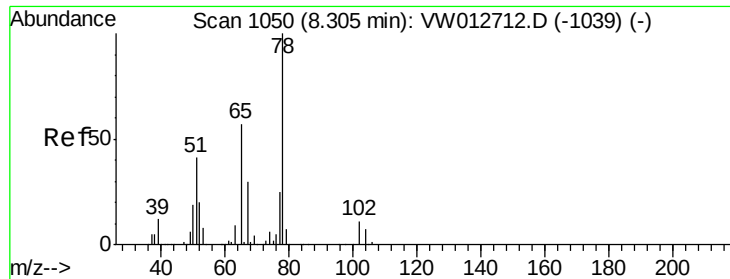
Delta R.T. -0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Tgt Ion:	97	Resp:	61142
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.5	77.3
61	45.8	37.9	56.9





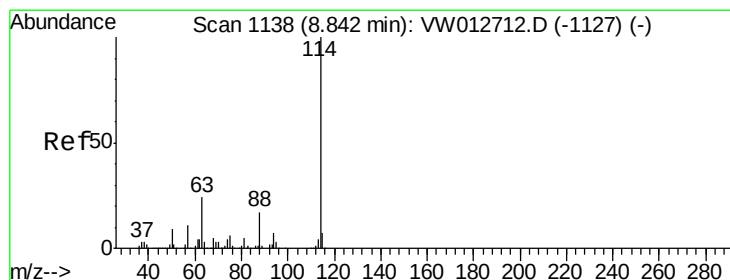
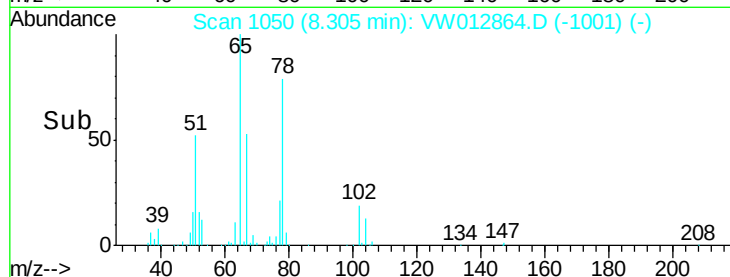
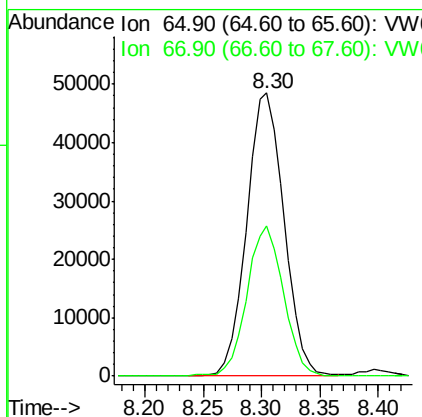
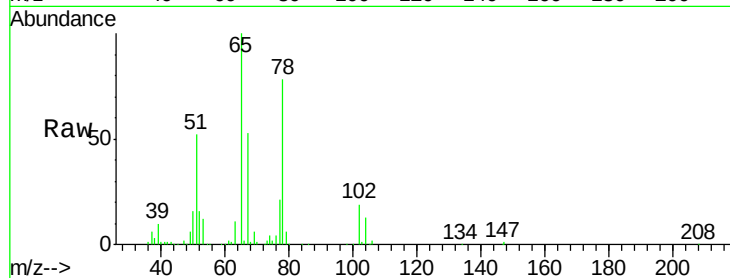
#33
 1,2-Dichloroethane-d4
 Concen: 44.543 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	107839		
67	51.9	0.0	101.8	

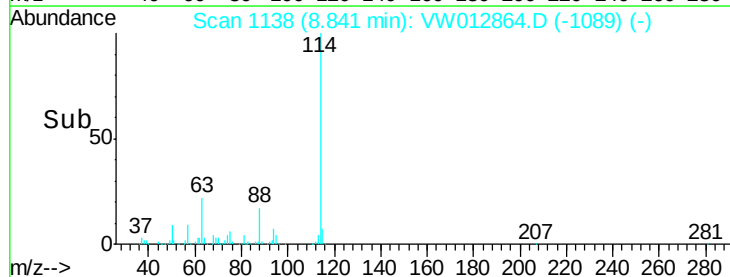
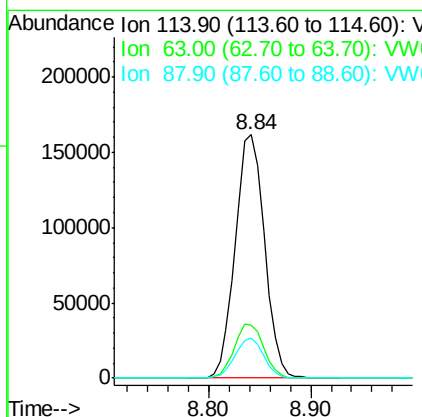
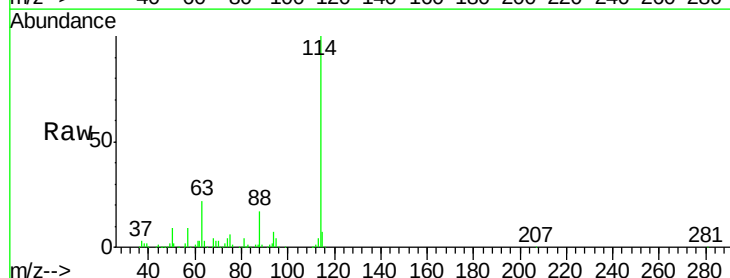
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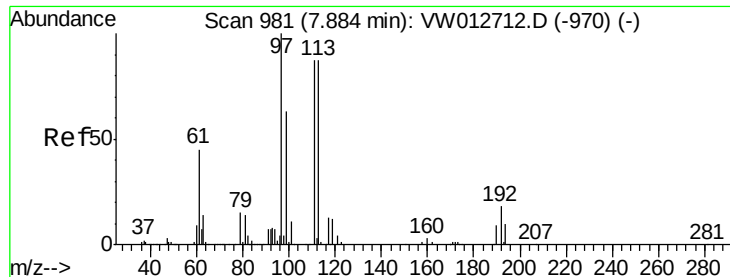
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	321525		
63	21.8	0.0	47.2	
88	16.5	0.0	34.0	





#35

Dibromofluoromethane

Concen: 46.281 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

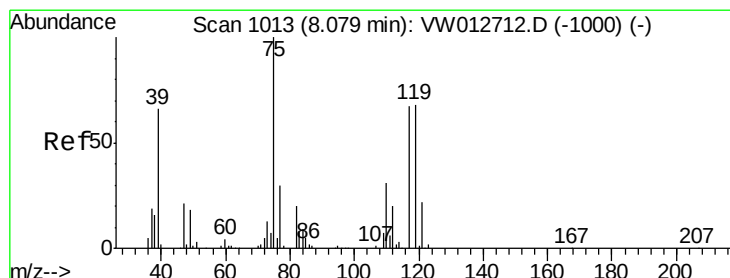
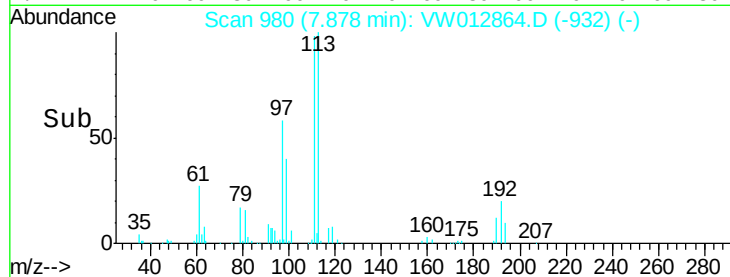
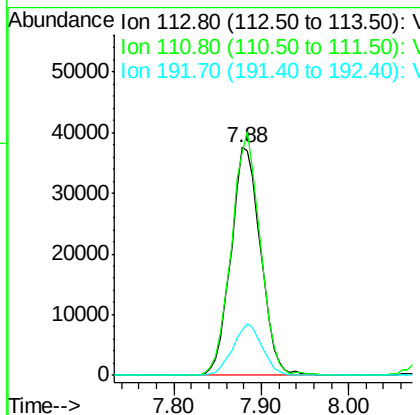
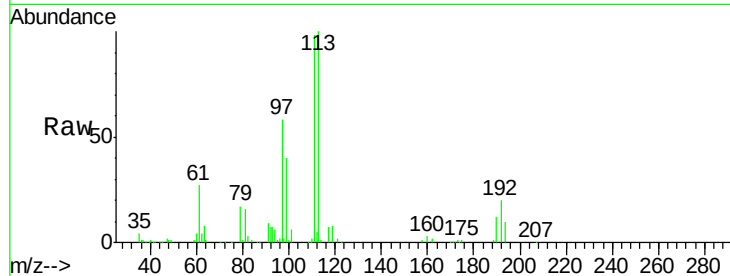
ClientSampleId :

VW0910SBS01

Tot Ion:	113	Resp:	88468
Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.2	120.4
192	22.2	17.3	25.9

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#36

1,1-Dichloropropene

Concen: 20.120 ug/l

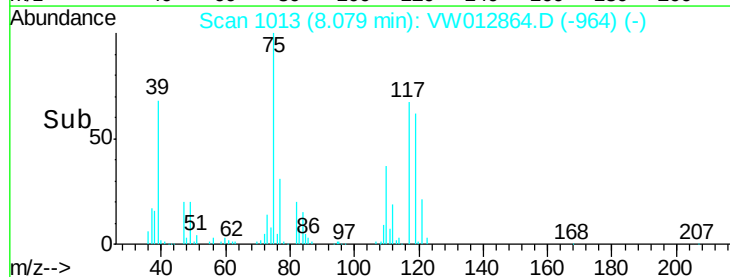
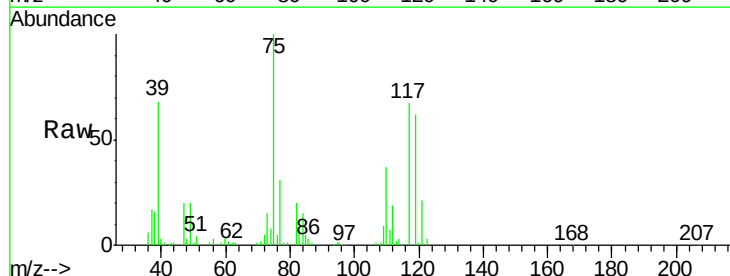
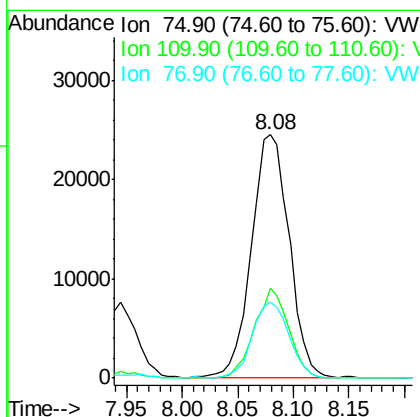
RT: 8.08 min Scan# 1013

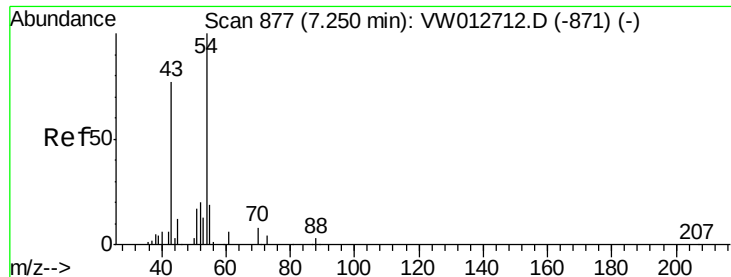
Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Tgt Ion:	75	Resp:	57479
Ion	Ratio	Lower	Upper
75	100		
110	33.9	15.9	47.7
77	30.8	25.0	37.4





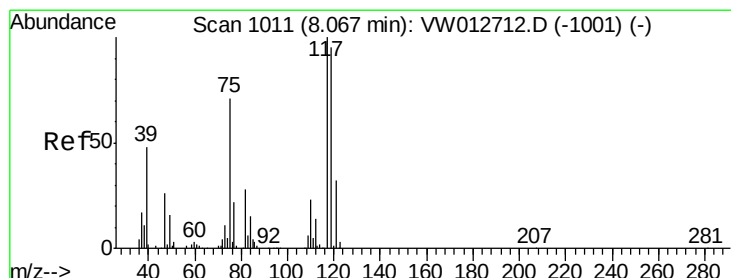
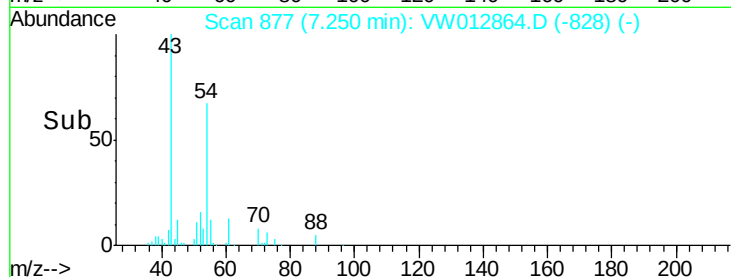
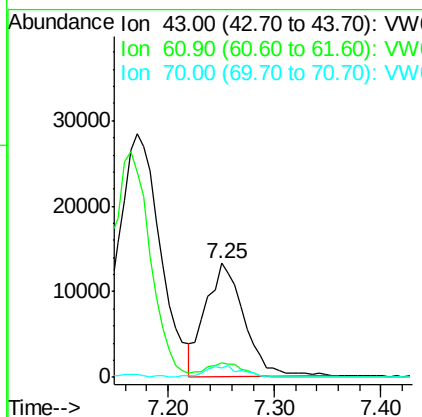
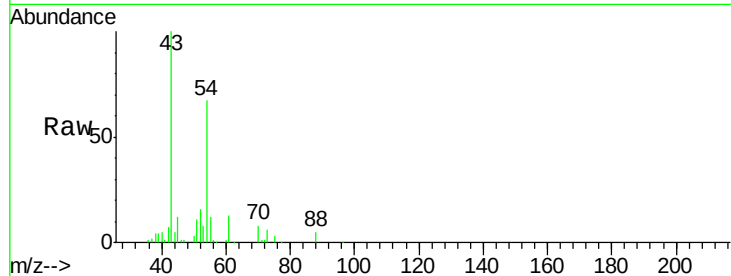
#37
Ethyl Acetate
Concen: 18.359 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.5	14.3
70	9.3	7.0	10.6

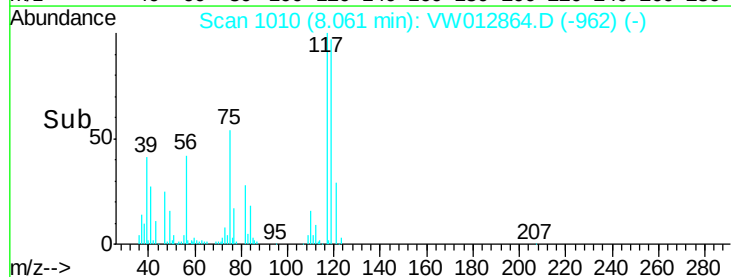
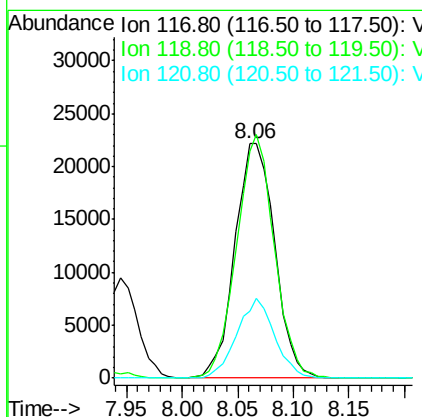
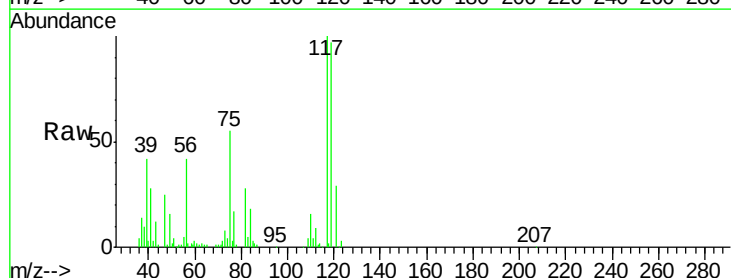
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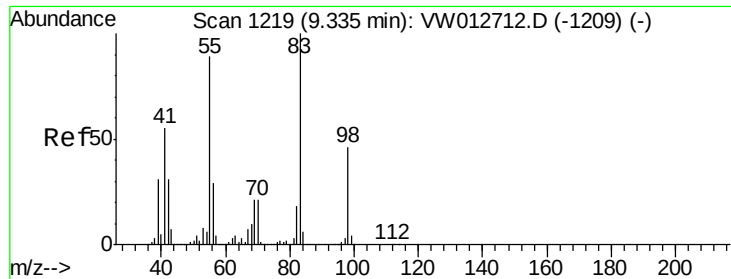
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#38
Carbon Tetrachloride
Concen: 19.598 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.2	114.2
121	28.7	25.4	38.2





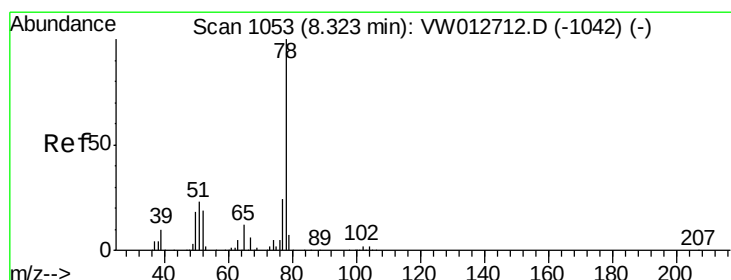
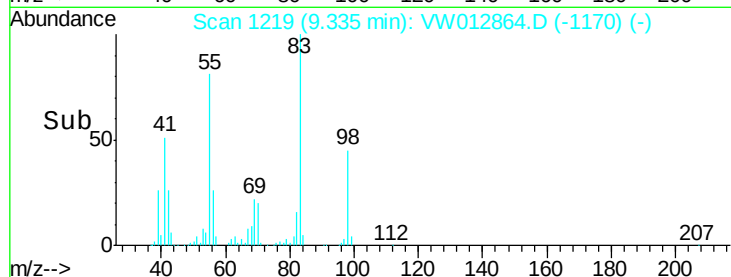
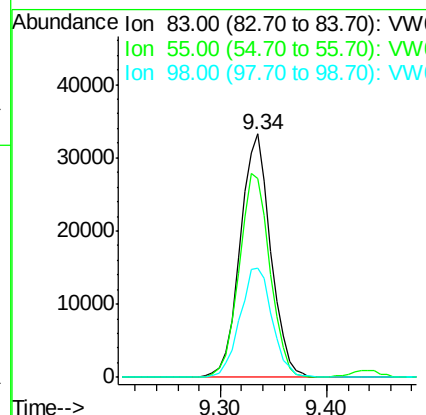
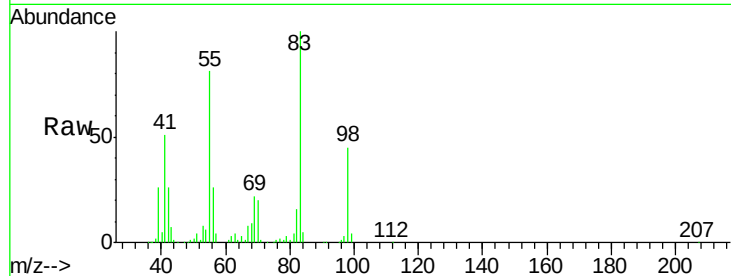
#39
Methylvlcyclohexane
Concen: 20.891 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	83	Resp	67030
Ion Ratio	100	Lower	Upper
83	100		
55	81.4	71.0	106.4
98	45.0	36.9	55.3

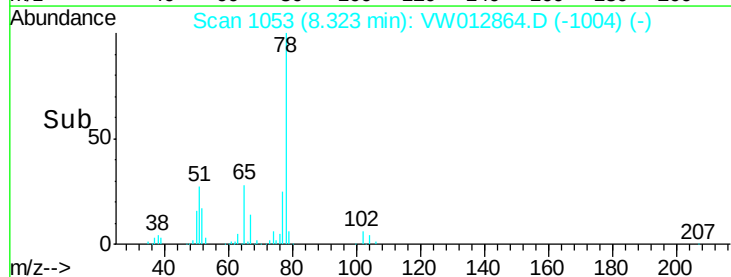
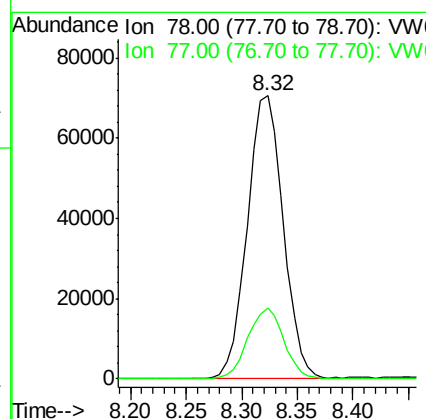
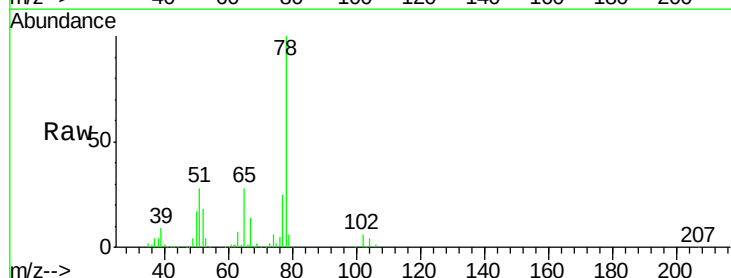
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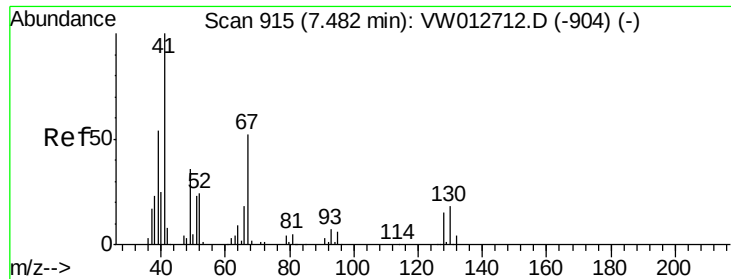
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#40
Benzene
Concen: 20.062 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	78	Resp	159020
Ion Ratio	100	Lower	Upper
78	100		
77	25.0	19.3	28.9





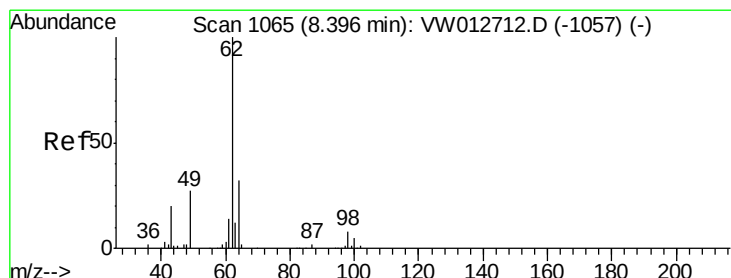
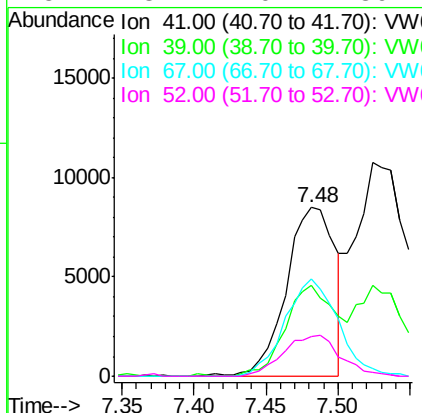
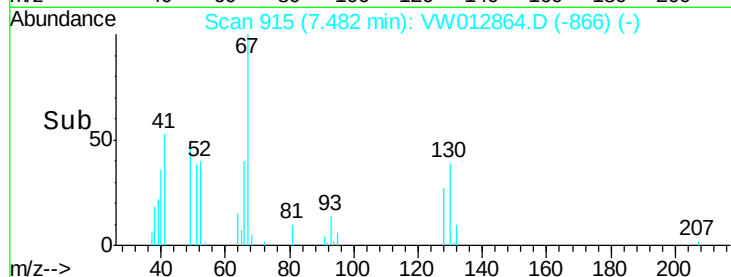
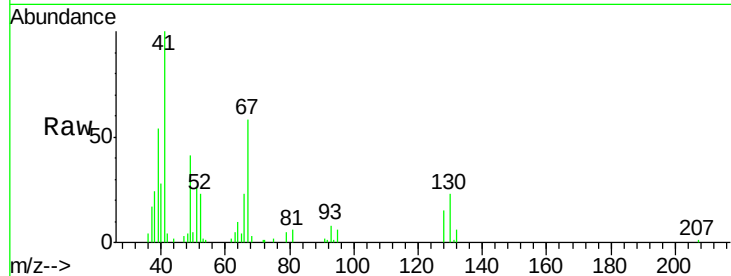
#41
Methacrylonitrile
Concen: 18.788 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		20046		
39	57.2	47.5	71.3		
67	63.1	45.1	67.7		
52	28.2	20.2	30.2		

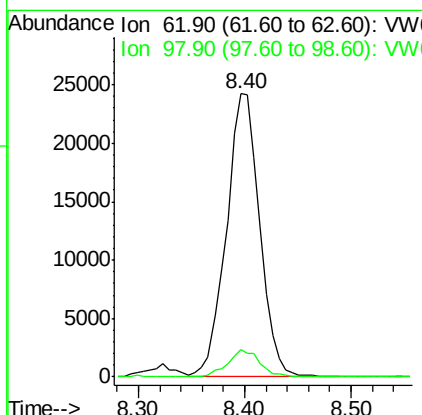
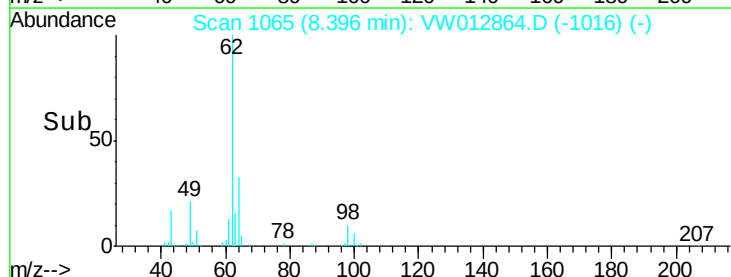
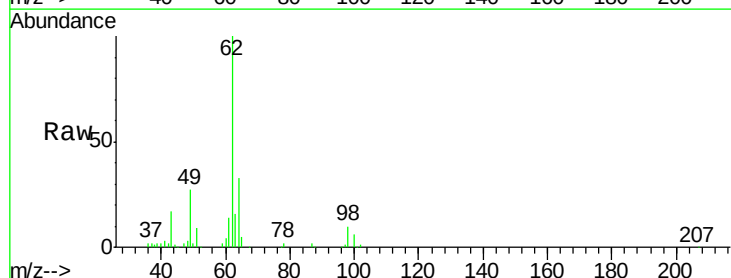
Manual Integrations
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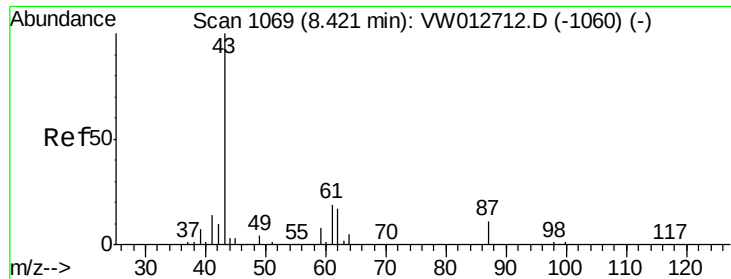
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#42
1,2-Dichloroethane
Concen: 19.038 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		53107		
98	9.2	0.0	16.2		





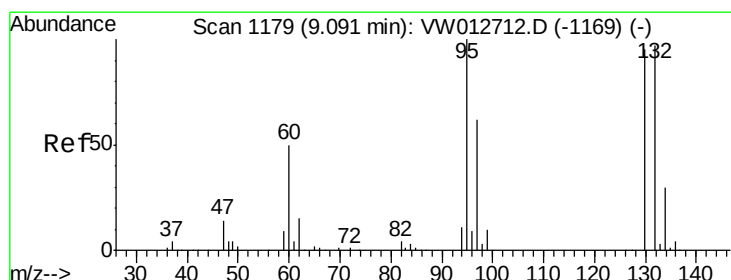
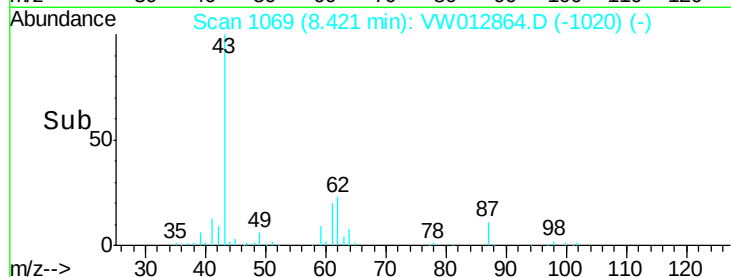
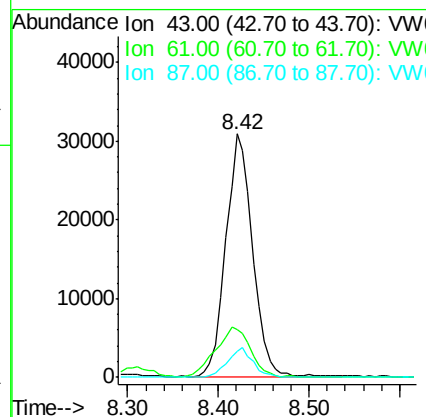
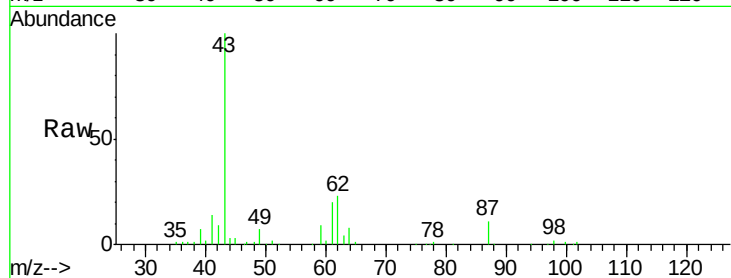
#43
Isopropyl Acetate
Concen: 18.422 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.4	20.6	30.8
87	11.7	8.6	13.0

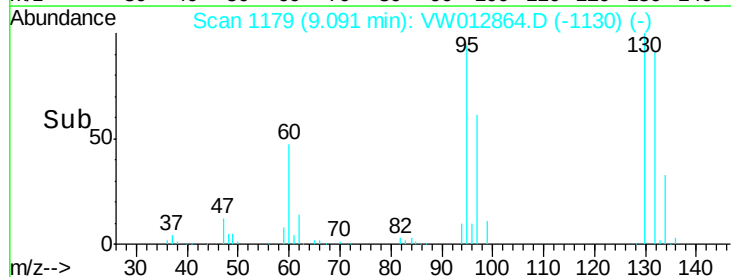
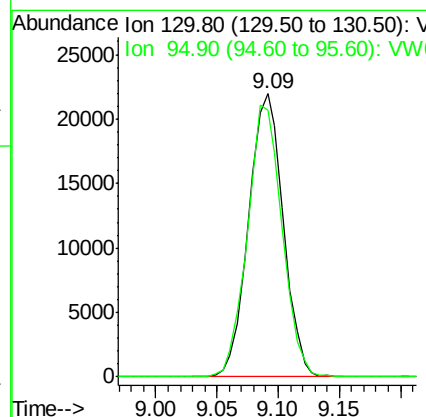
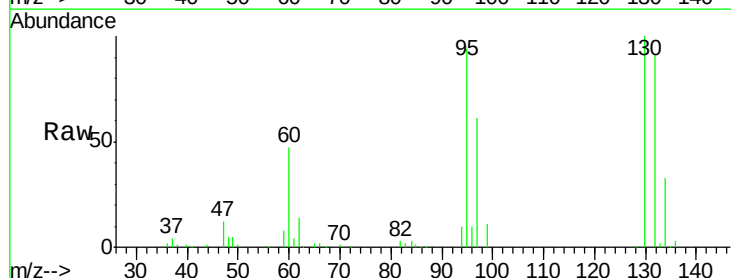
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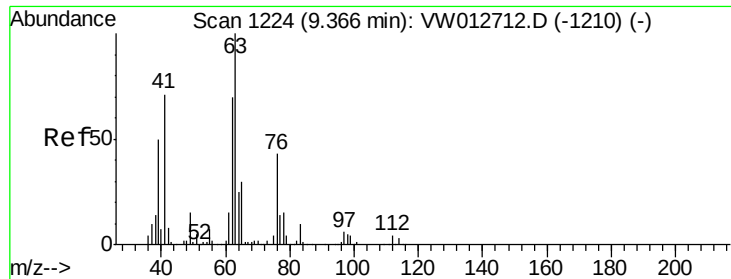
MMDadoda
9/11/2019 9:26:56 AM



#44
Trichloroethene
Concen: 21.218 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	210.6





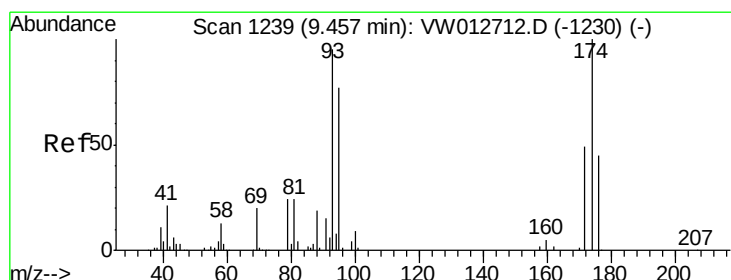
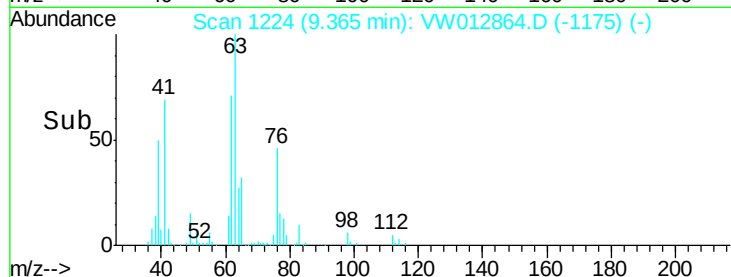
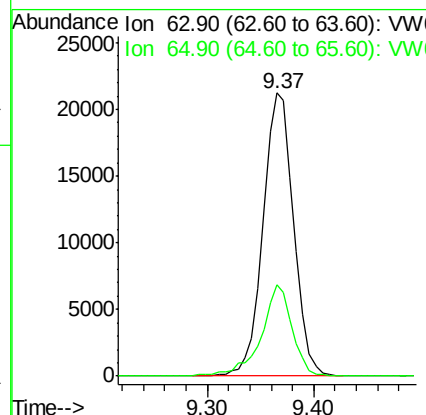
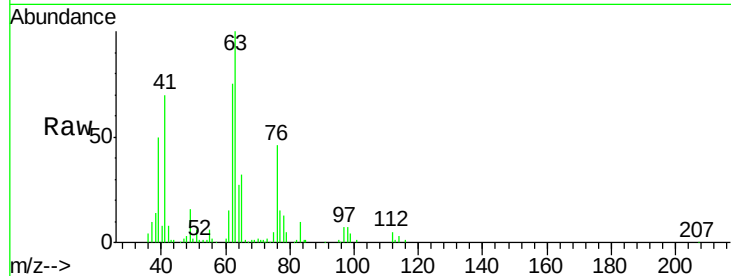
#45
 1,2-Dichloropropane
 Concen: 19.388 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion: 63 Resp: 42623
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.8 35.8

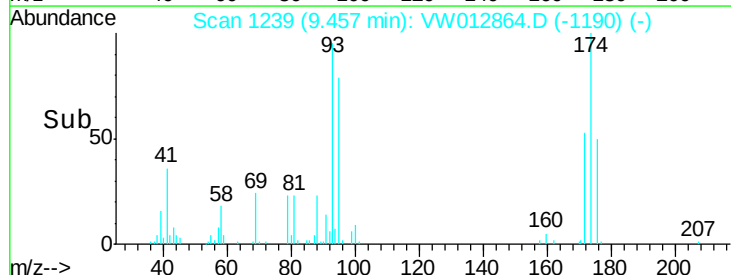
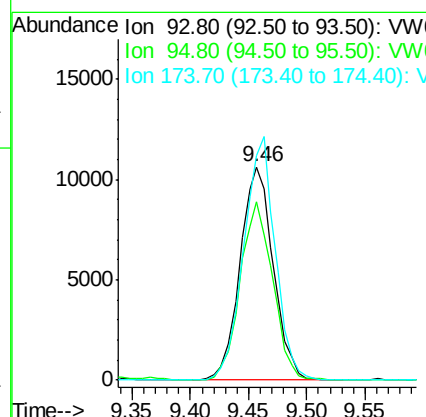
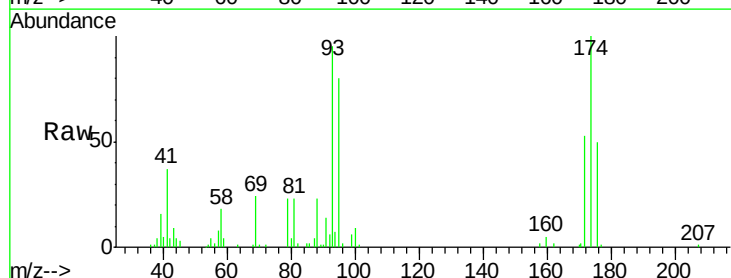
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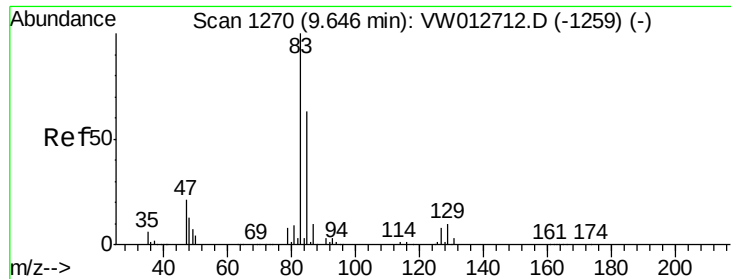
MMDadoda
 9/11/2019 9:26:56 AM



#46
 Dibromomethane
 Concen: 20.299 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion: 93 Resp: 21132
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.2 97.8
 174 108.2 84.2 126.4





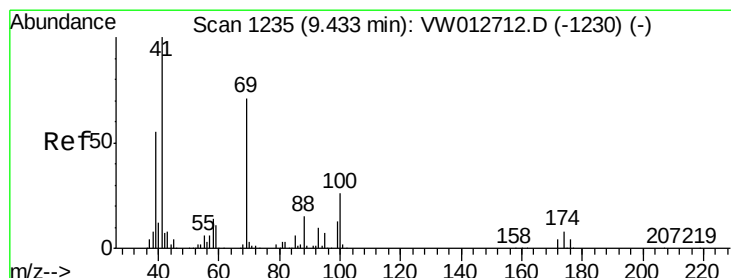
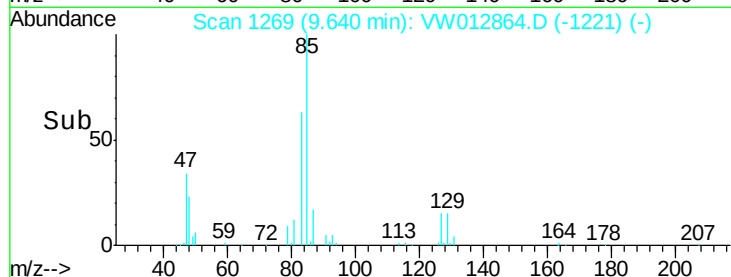
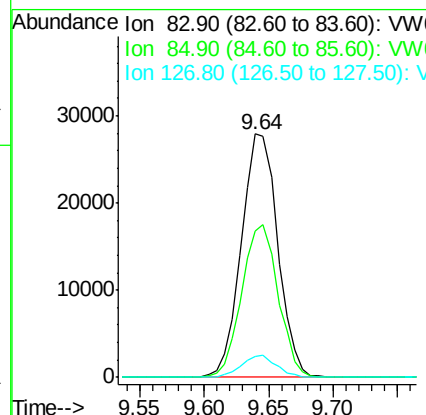
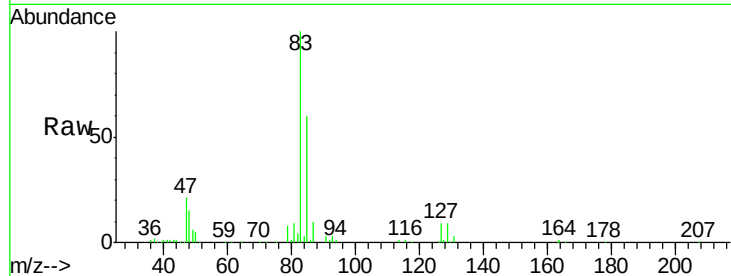
#47
Bromodichloromethane
Concen: 19.071 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	83	Resp	54620
Ion Ratio	100	Lower	Upper
83	100		
85	60.2	50.2	75.2
127	8.8	6.6	9.8

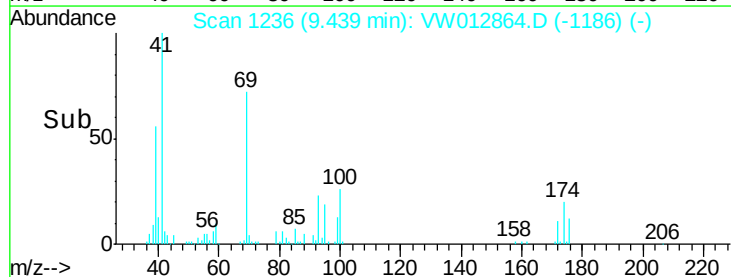
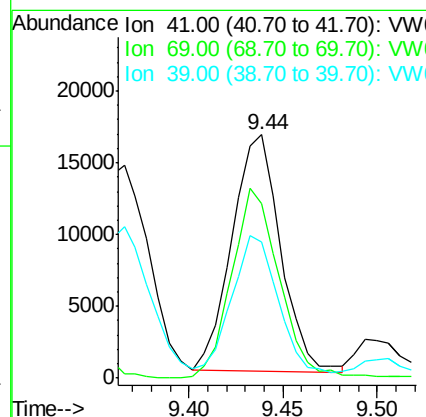
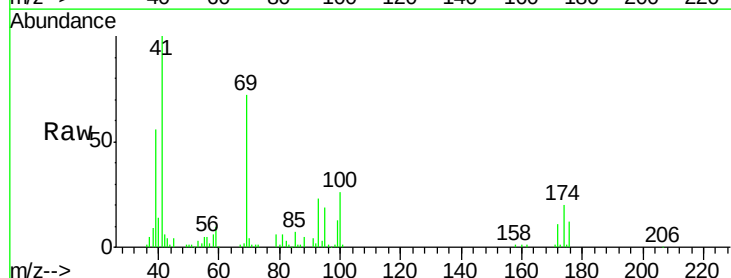
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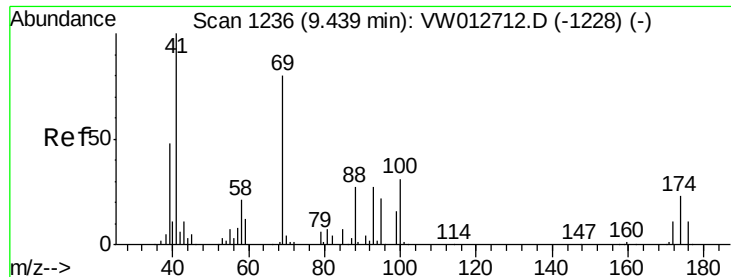
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#48
Methyl methacrylate
Concen: 17.996 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	41	Resp	29673
Ion Ratio	100	Lower	Upper
41	100		
69	78.8	59.8	89.8
39	58.8	47.0	70.6





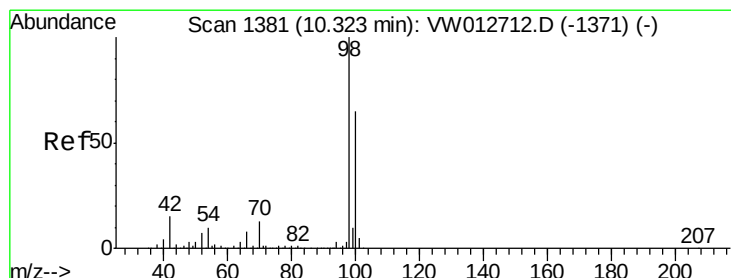
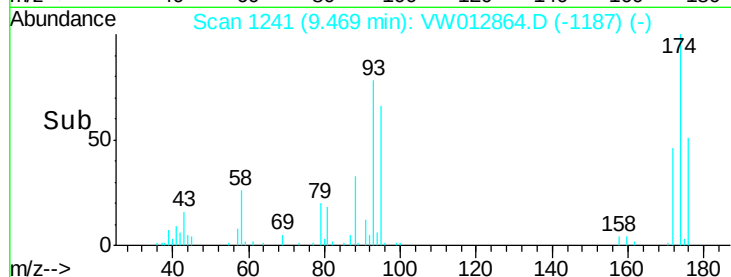
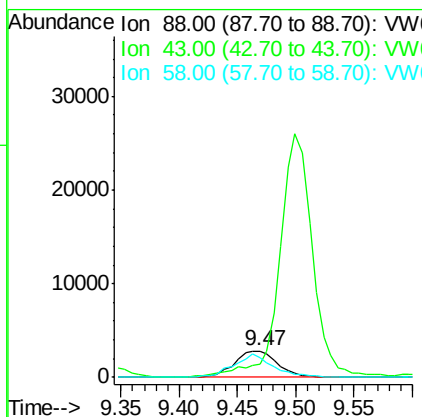
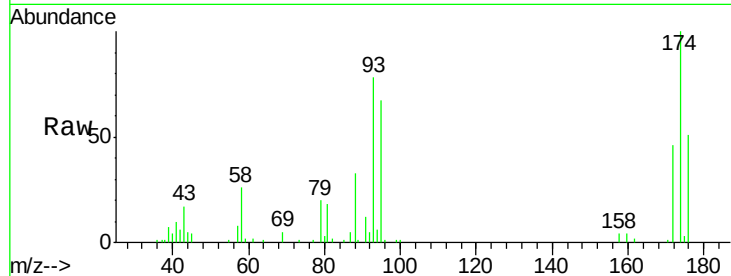
#49
1,4-Dioxane
Concen: 352.280 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	88	Resp	7244
Ion Ratio	100	Lower	Upper
43	0.0	34.8	52.2#
58	81.5	64.1	96.1

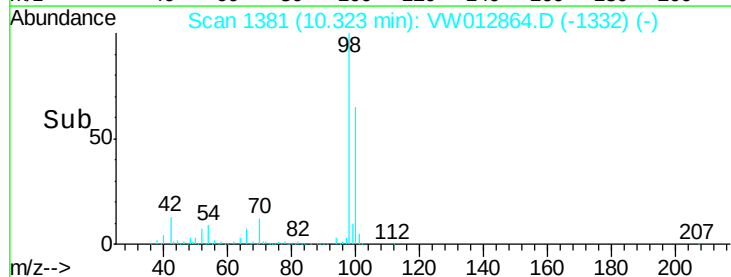
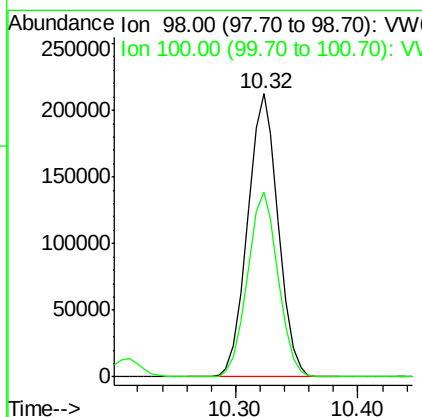
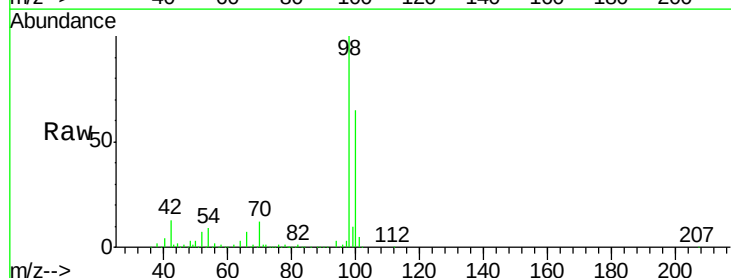
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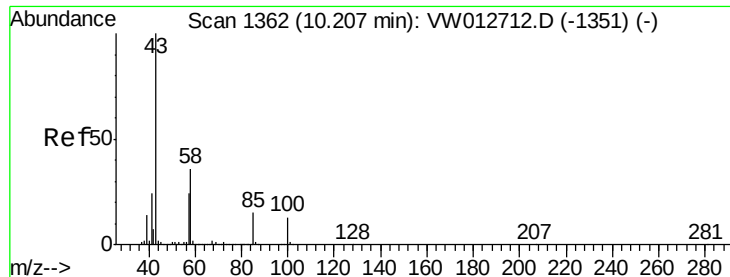
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#50
Toluene-d8
Concen: 49.229 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	98	Resp	368679
Ion Ratio	100	Lower	Upper
100	65.4	52.2	78.4





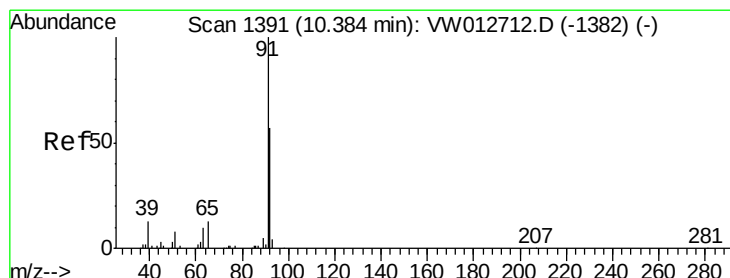
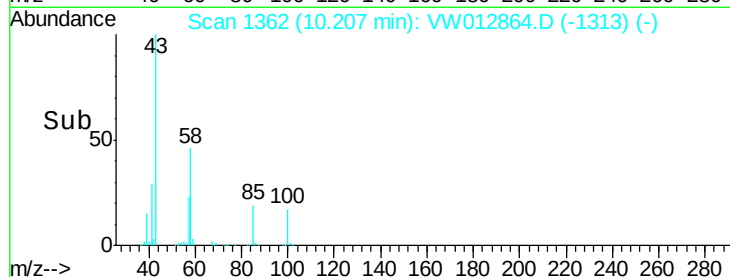
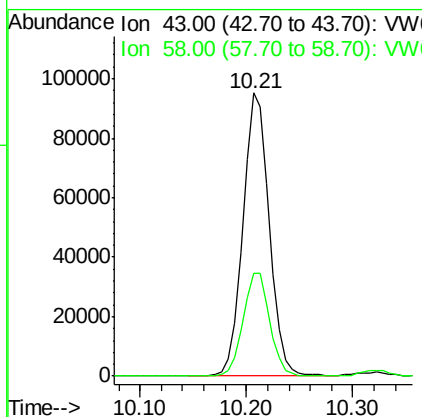
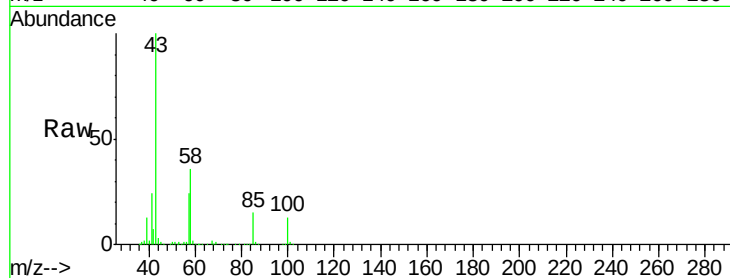
#51
 4-Methyl-2-Pentanone
 Concen: 90.951 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.1	28.4	42.6

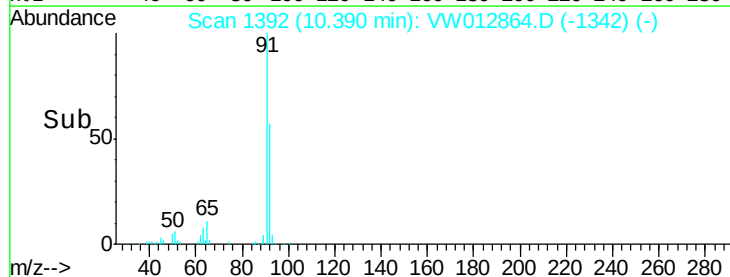
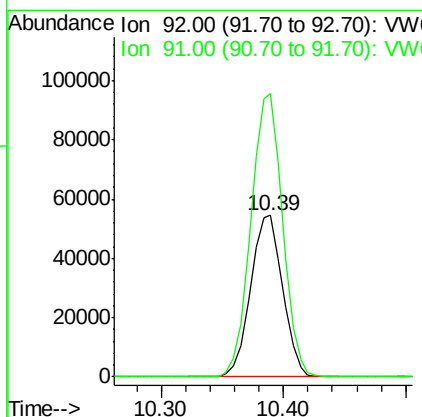
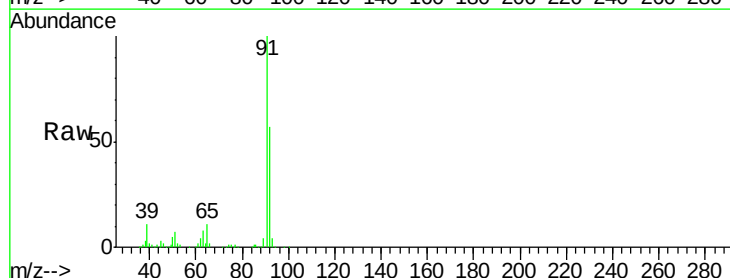
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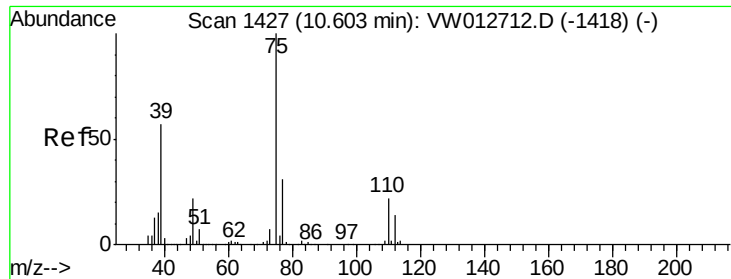
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#52
 Toluene
 Concen: 20.096 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.1	137.0	205.4





#53

t-1,3-Dichloropropene

Concen: 19.270 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 75 Resp: 56752

Ion Ratio Lower Upper

75 100

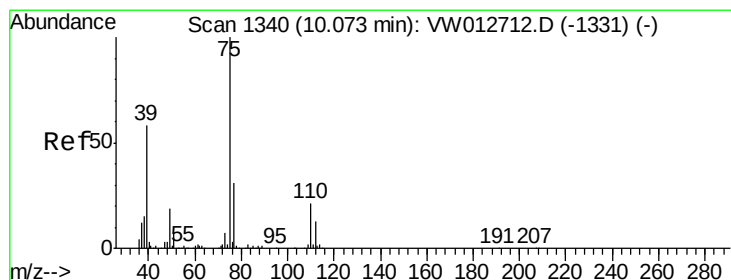
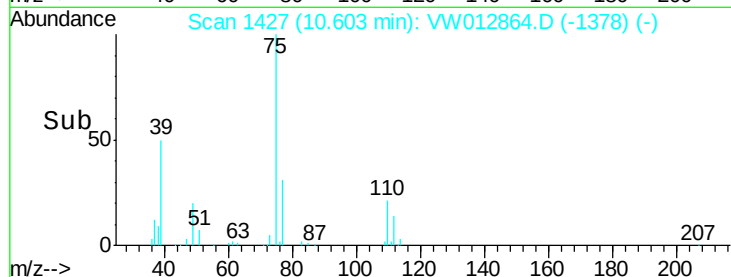
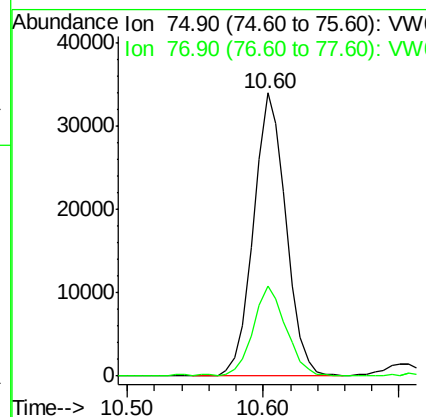
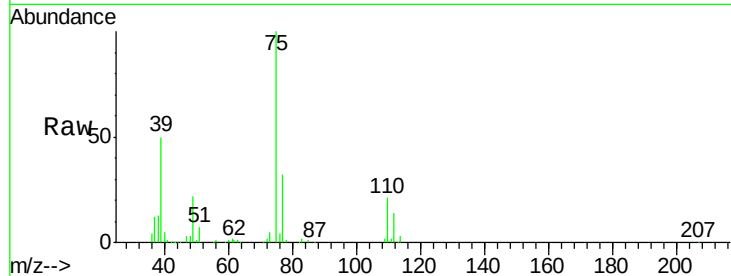
77 31.5 24.7 37.1

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.297 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

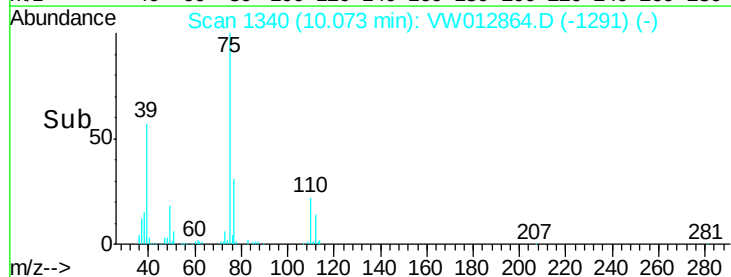
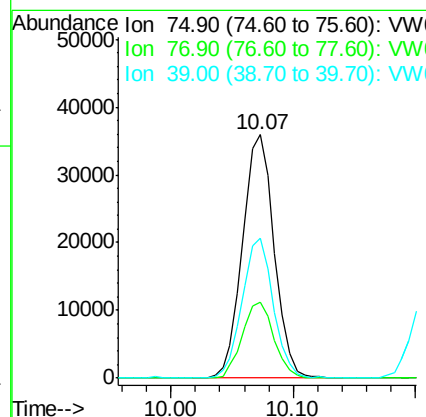
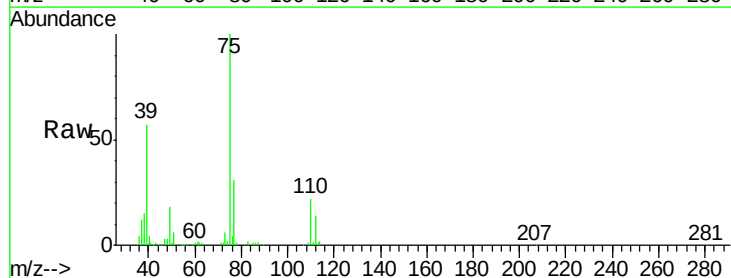
Tgt Ion: 75 Resp: 64469

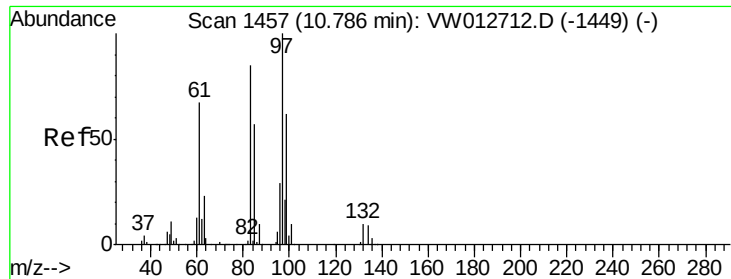
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 57.4 46.3 69.5





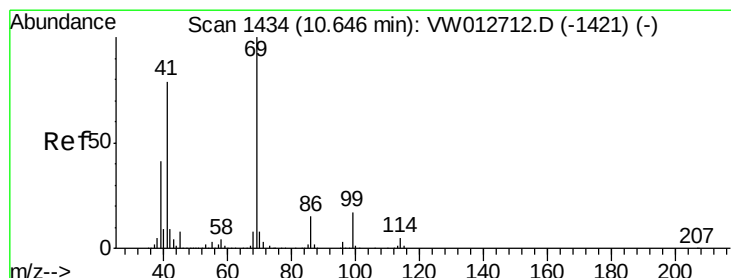
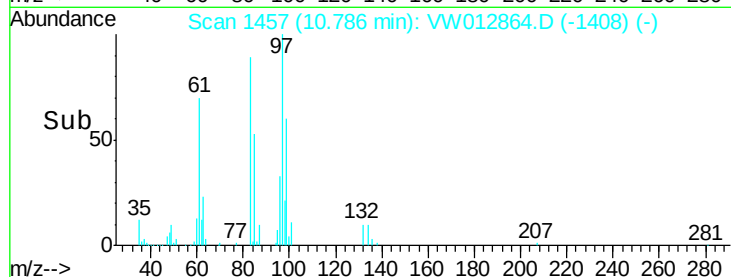
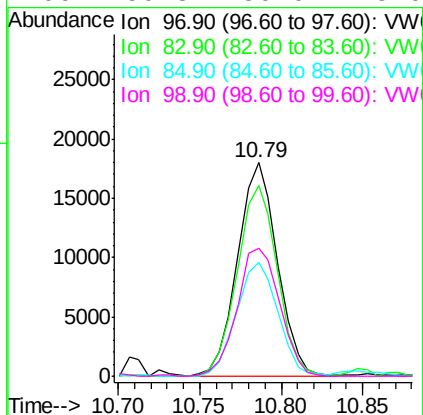
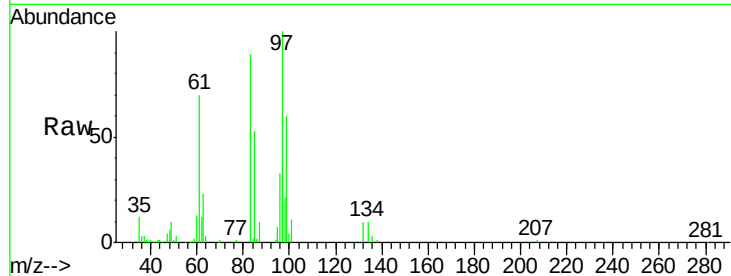
#55
 1,1,2-Trichloroethane
 Concen: 19.663 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion:	97	Resp:	30645
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.1	102.1
85	53.5	45.3	67.9
99	59.8	50.0	75.0

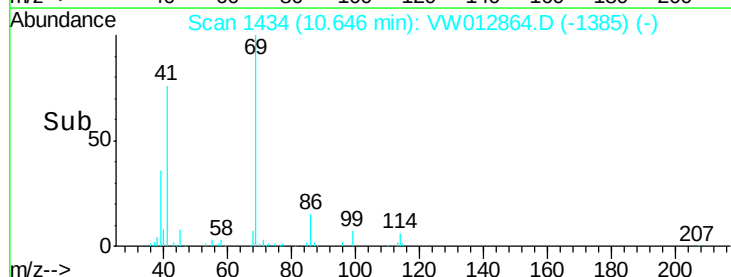
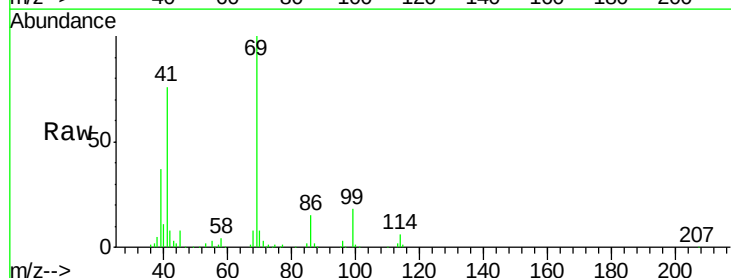
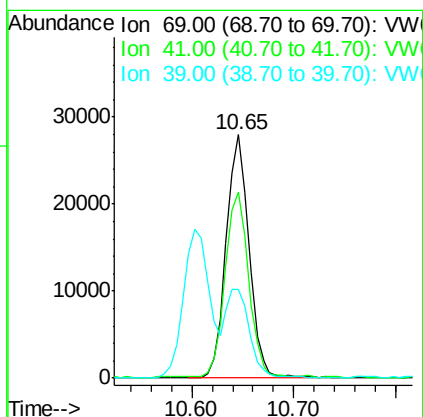
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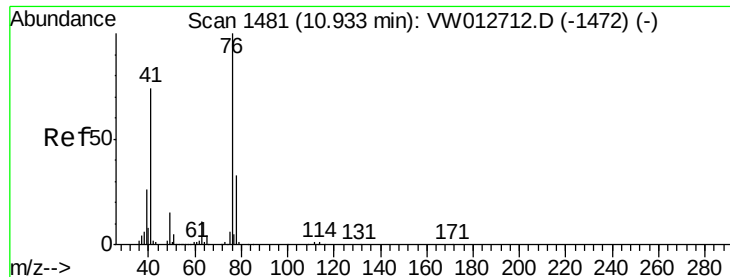
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#56
 Ethyl methacrylate
 Concen: 19.189 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion:	69	Resp:	43777
Ion	Ratio	Lower	Upper
69	100		
41	78.6	64.4	96.6
39	37.5	31.1	46.7





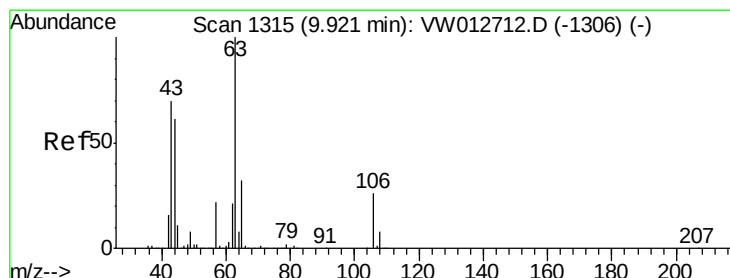
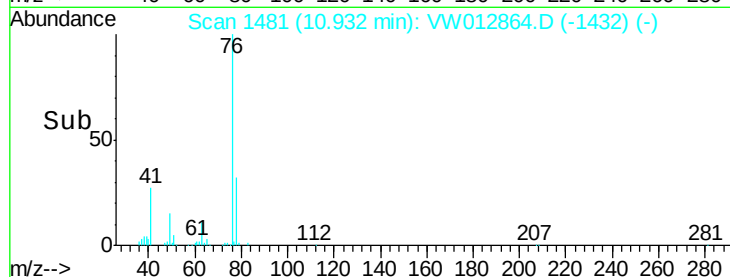
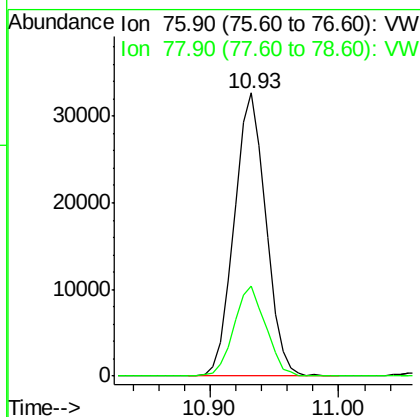
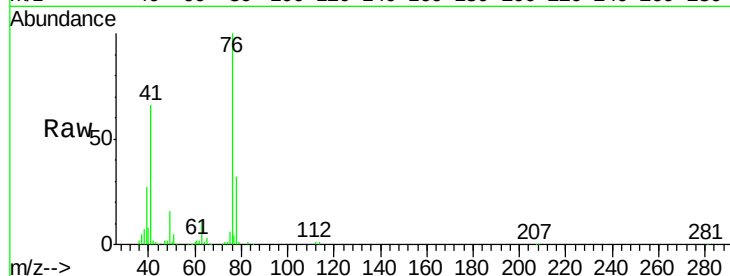
#57
 1,3-Dichloropropane
 Concen: 19.319 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion: 76 Resp: 55702
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9

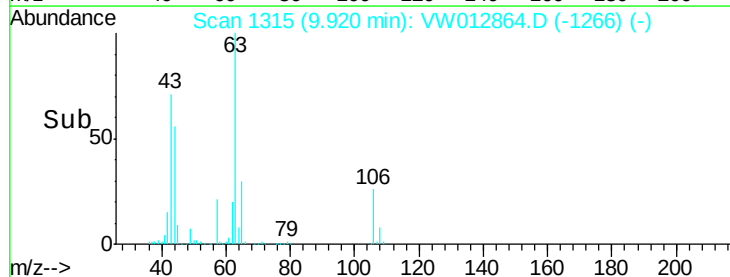
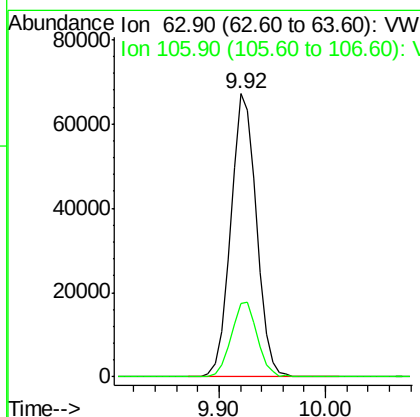
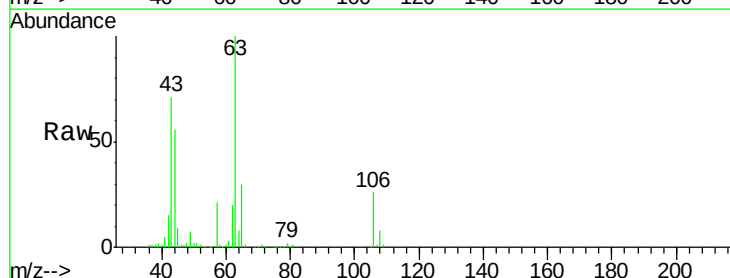
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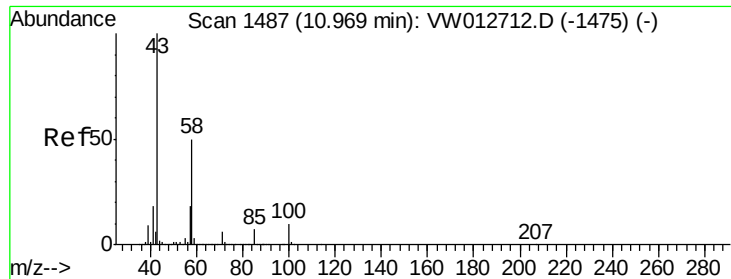
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.936 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion: 63 Resp: 113770
 Ion Ratio Lower Upper
 63 100
 106 26.9 20.5 30.7





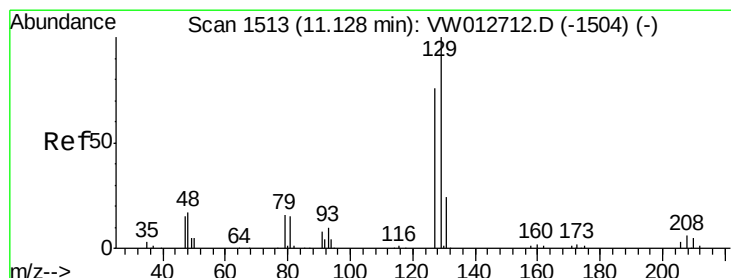
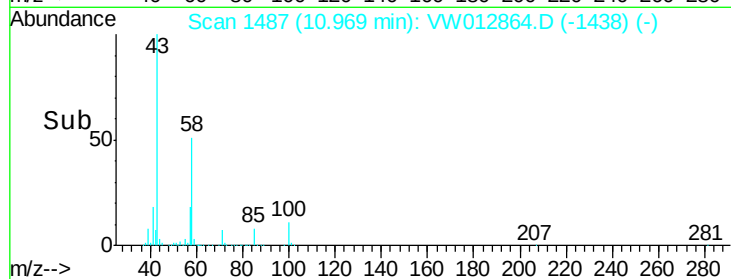
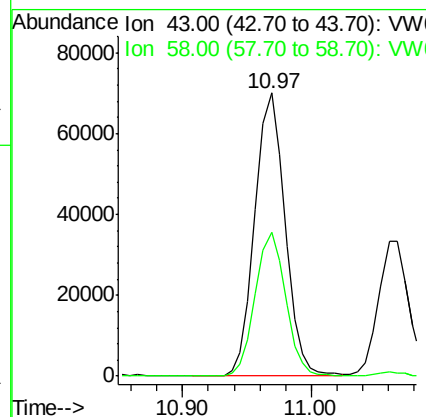
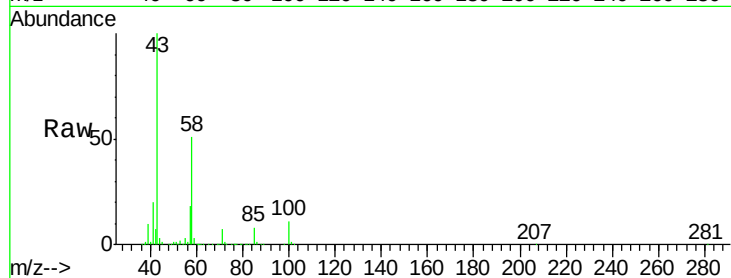
#59
2-Hexanone
Concen: 86.221 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion: 43 Resp: 114044
Ion Ratio Lower Upper
43 100
58 51.4 24.7 74.1

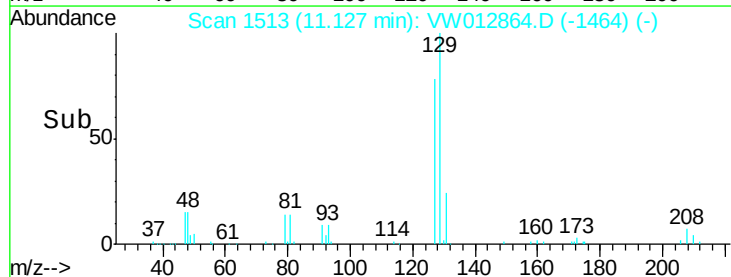
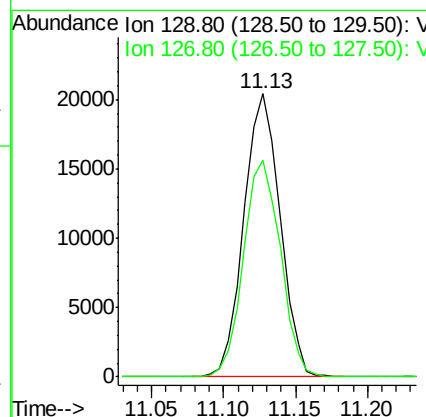
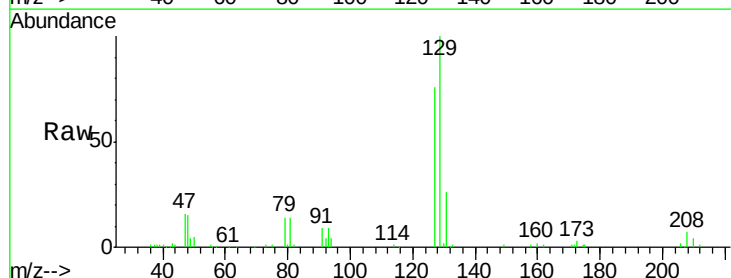
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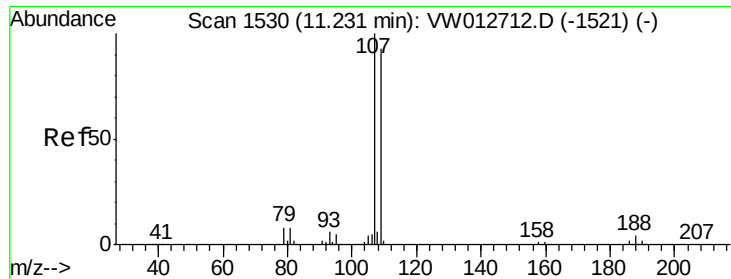
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#60
Dibromochloromethane
Concen: 19.475 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion: 129 Resp: 35696
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.336 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion:107 Resp: 29057

Ion Ratio Lower Upper

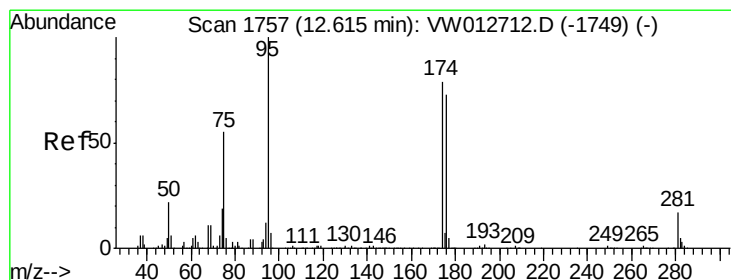
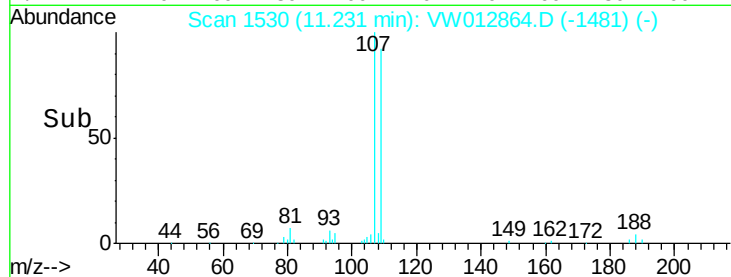
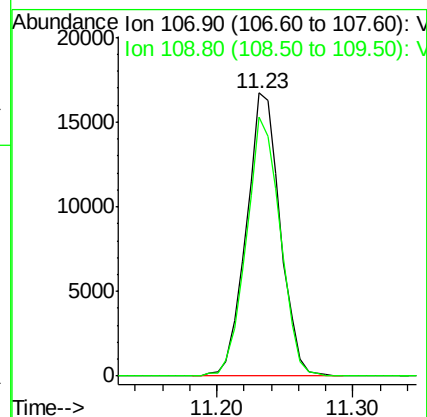
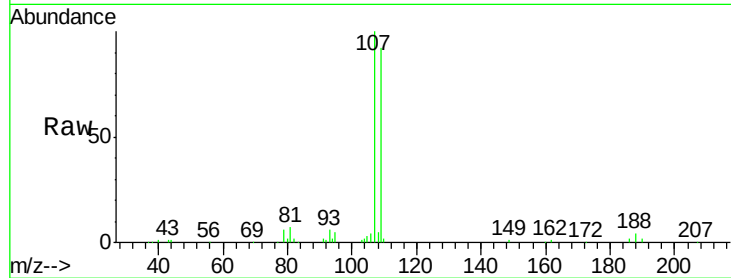
107 100

109 91.6 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 46.792 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

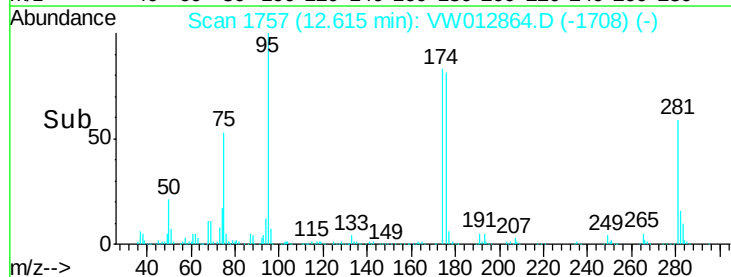
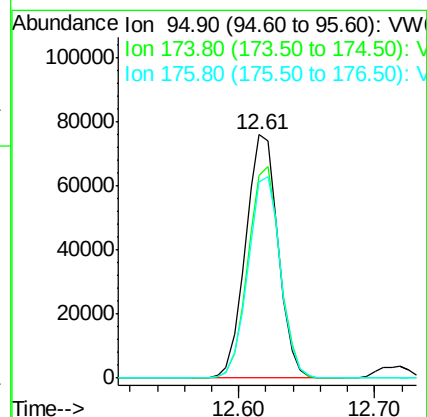
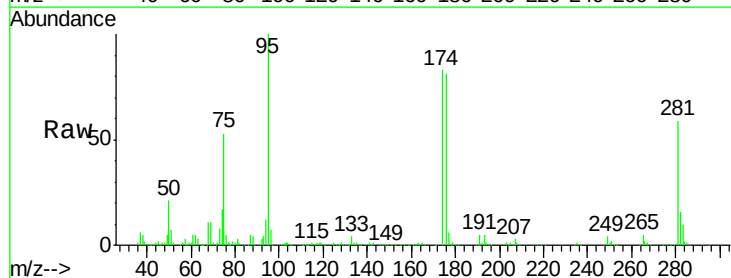
Tgt Ion: 95 Resp: 127216

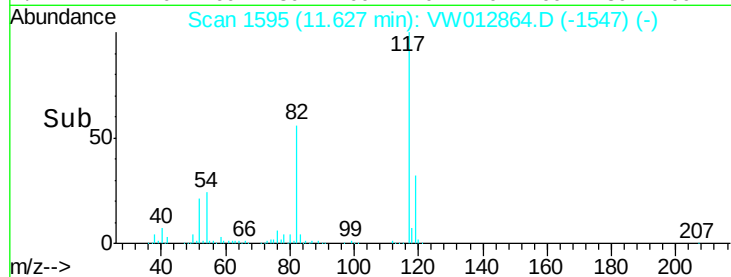
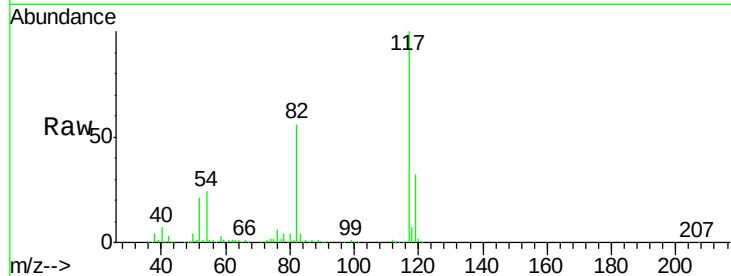
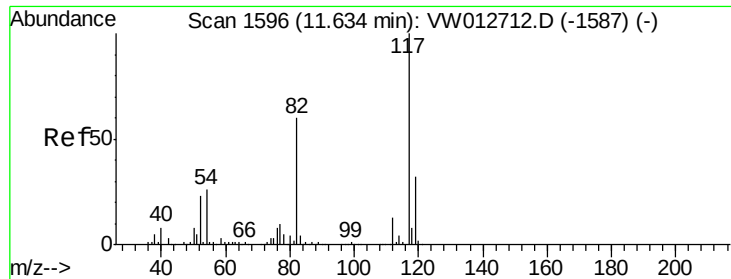
Ion Ratio Lower Upper

95 100

174 85.3 0.0 161.0

176 82.7 0.0 156.4





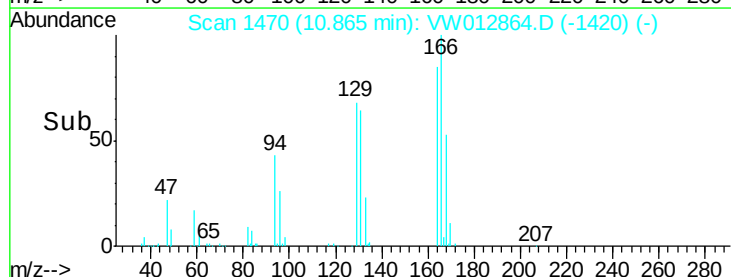
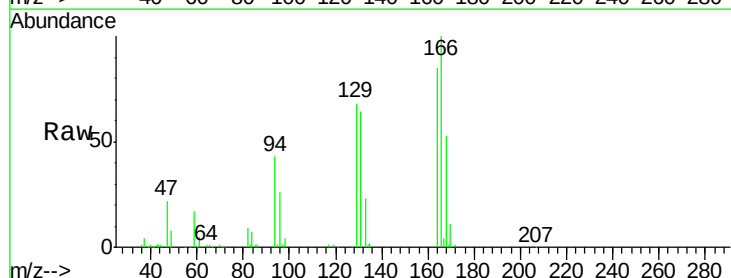
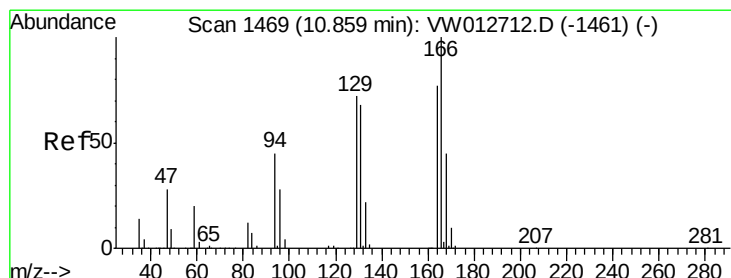
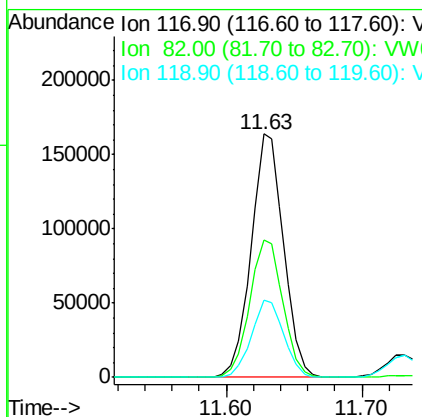
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tot Ion	Ratio	Resp	Lower	Upper
117	100	273463		
82	56.4	48.2	72.4	
119	32.0	25.8	38.6	

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

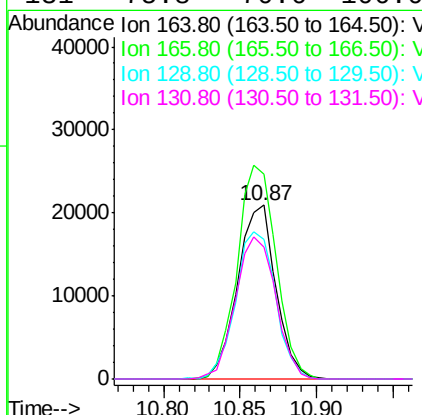
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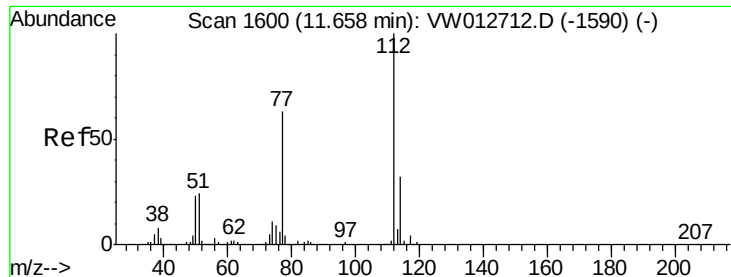
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#64
Tetrachloroethene
Concen: 21.820 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36207		
166	118.0	103.6	155.4	
129	80.5	74.6	112.0	
131	75.8	70.6	106.0	





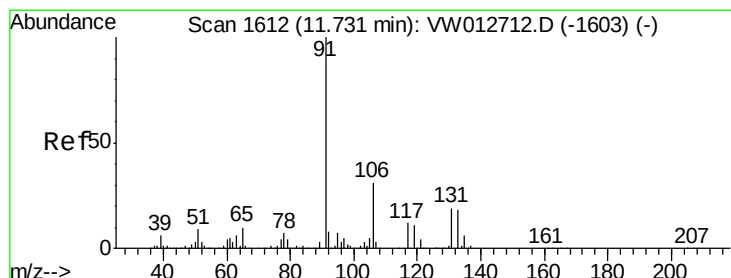
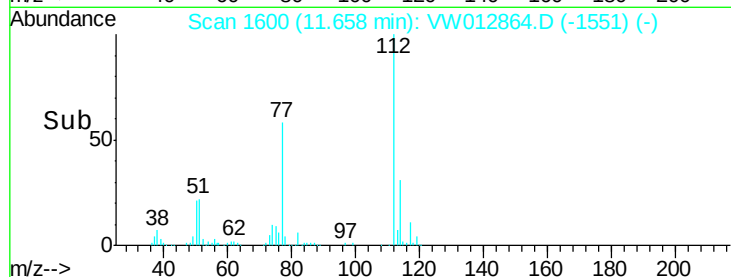
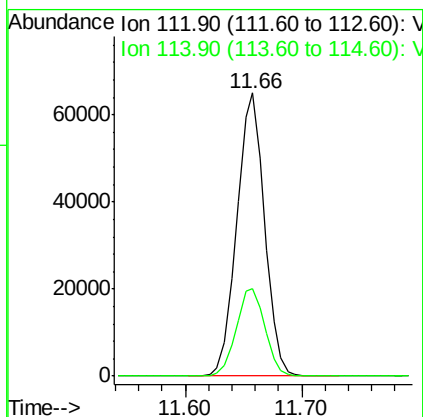
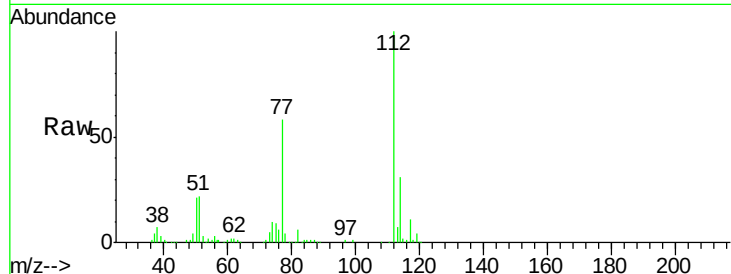
#65
Chlorobenzene
Concen: 20.888 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.3	37.9

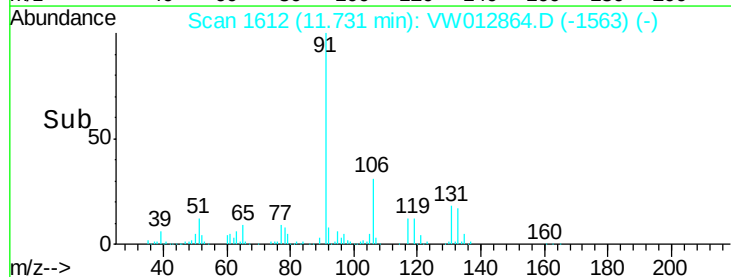
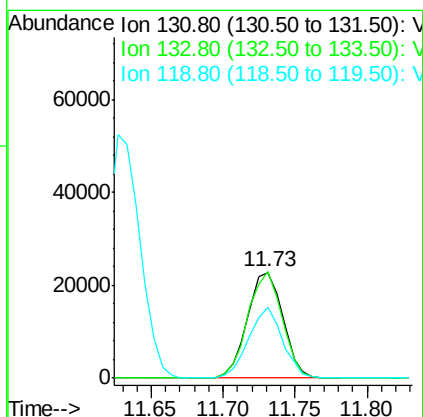
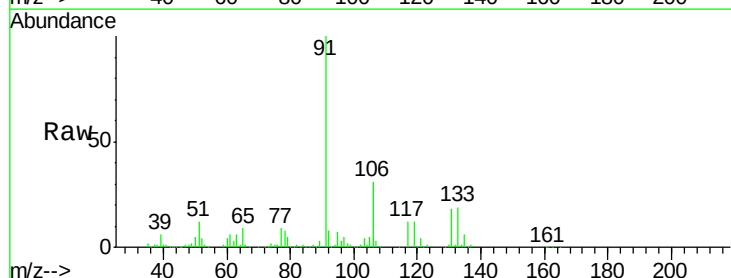
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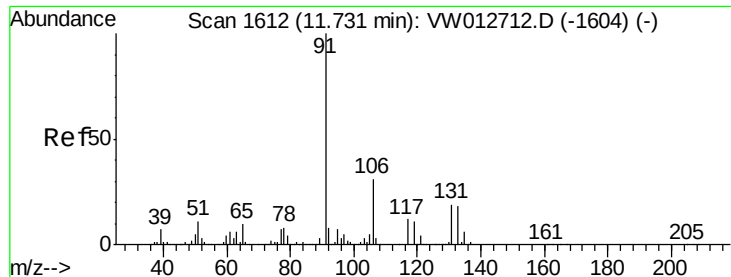
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.280 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.6	142.8
119	63.5	30.6	92.0





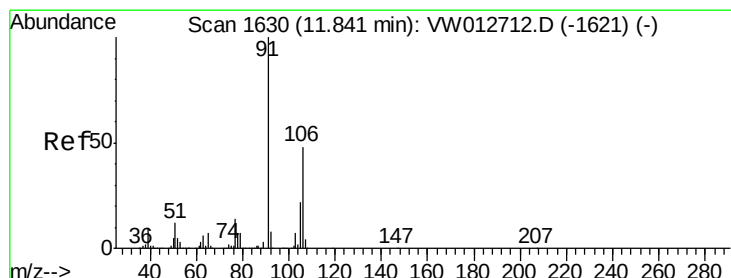
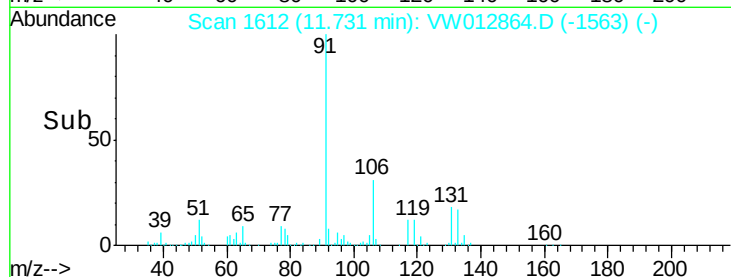
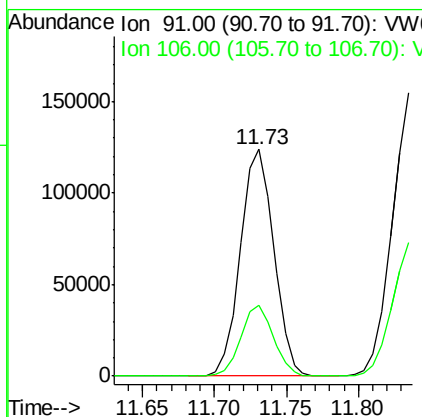
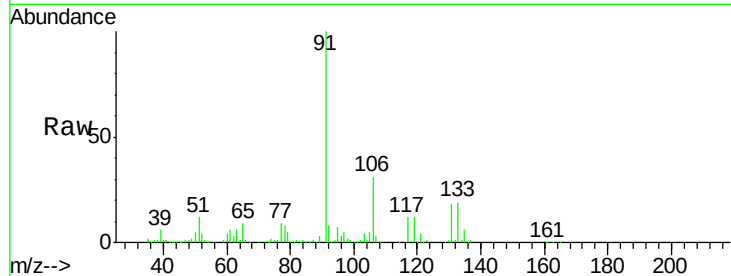
#67
Ethyl Benzene
Concen: 20.541 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.4	36.6

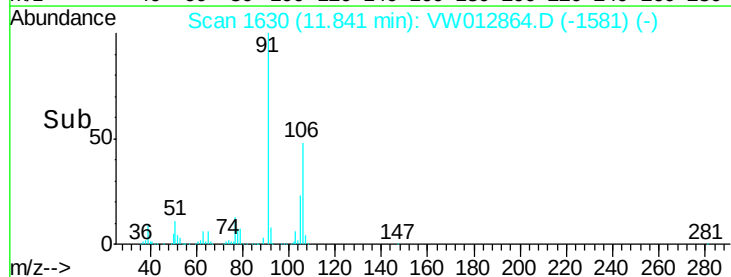
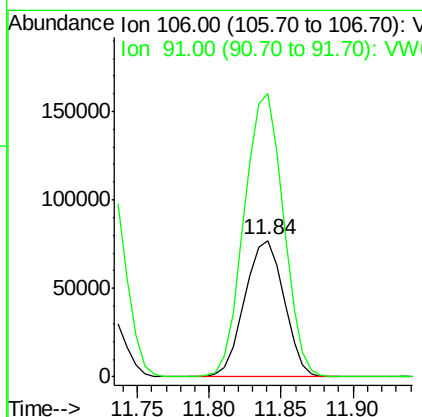
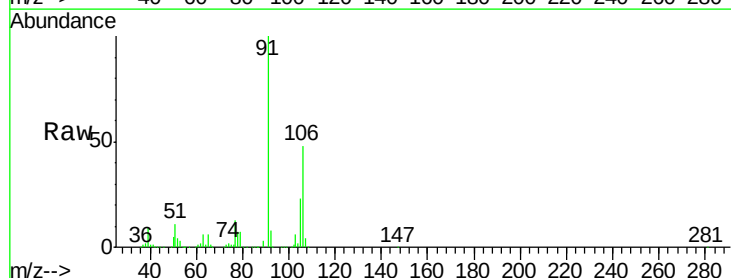
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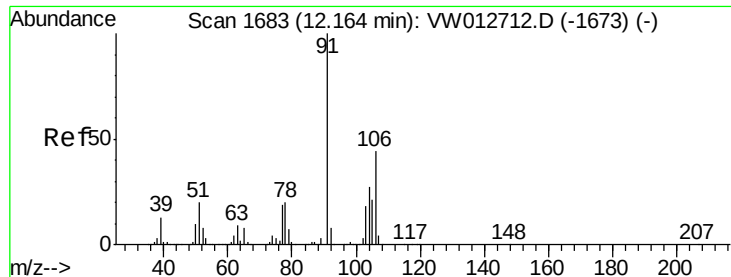
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#68
m/p-Xylenes
Concen: 41.772 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.1	168.2	252.4





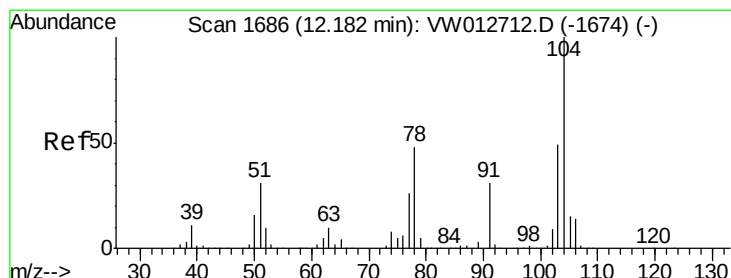
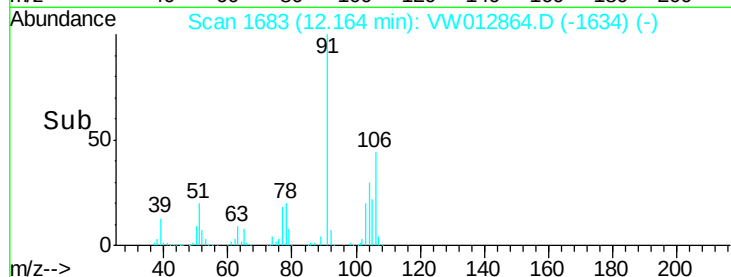
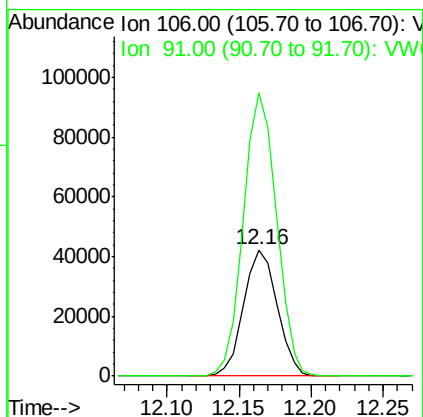
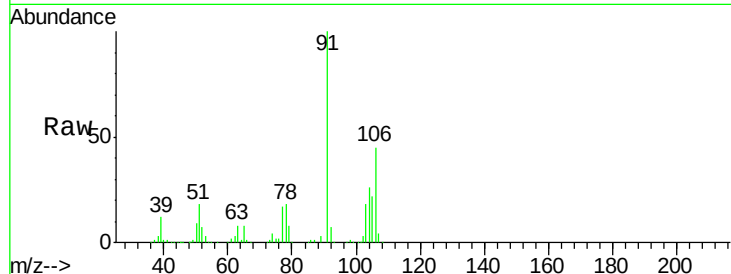
#69
o-Xylene
Concen: 20.712 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	68396		
91	91	221.1	112.3	336.8	

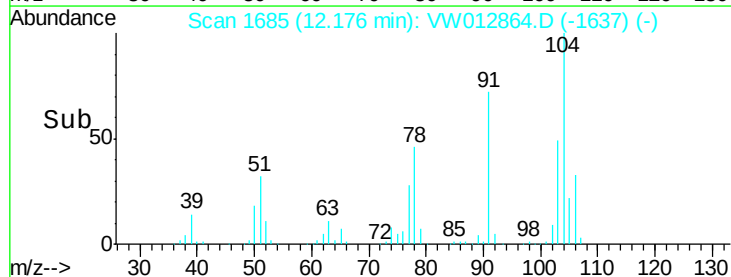
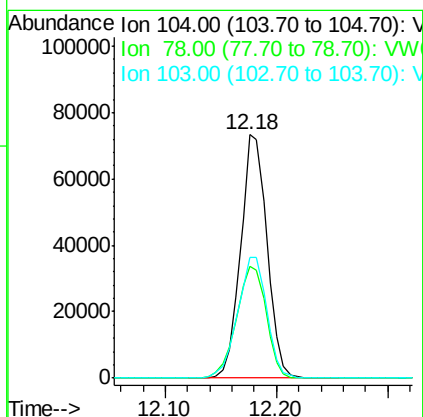
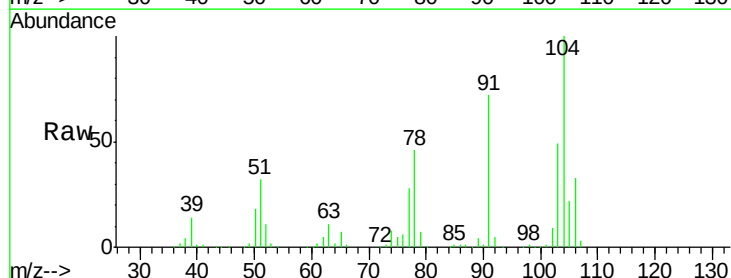
Manual Integrations
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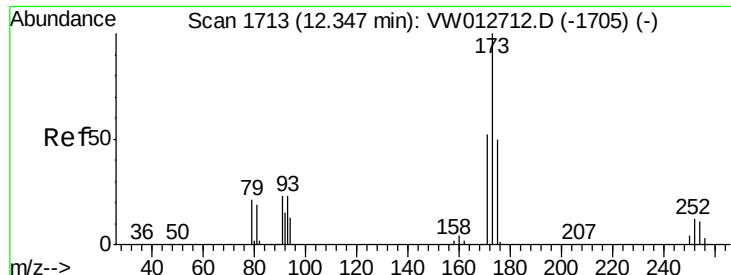
MMDadoda
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#70
Styrene
Concen: 20.629 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	120381		
78	78	51.9	43.3	64.9	
103	103	54.9	44.0	66.0	





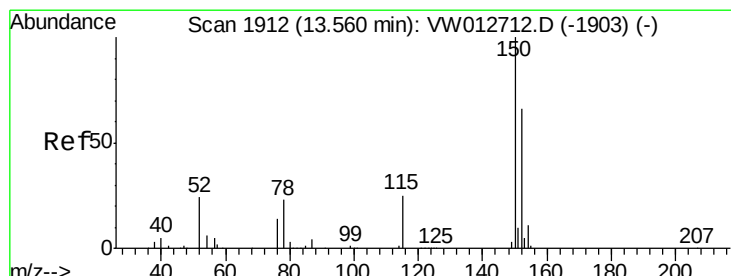
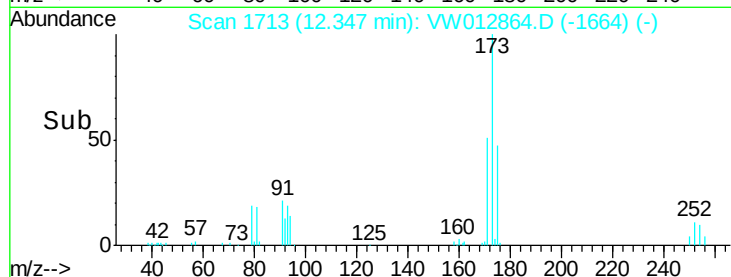
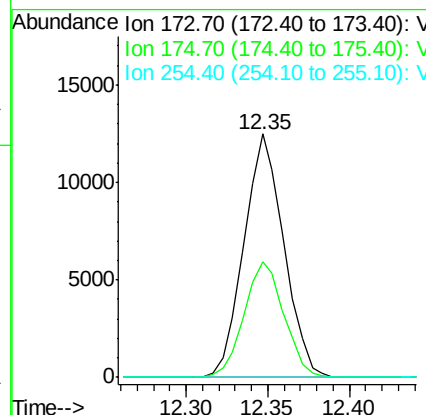
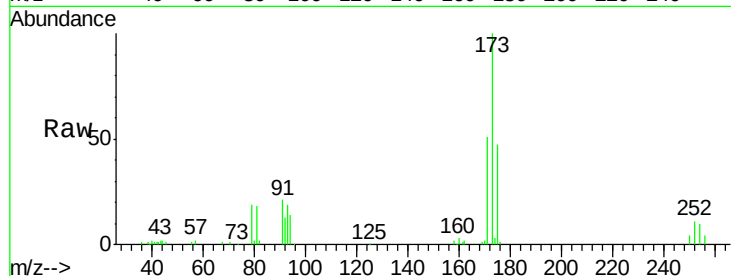
#71
Bromoform
Concen: 19.849 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.8	74.3
254	0.0	0.1	0.1#

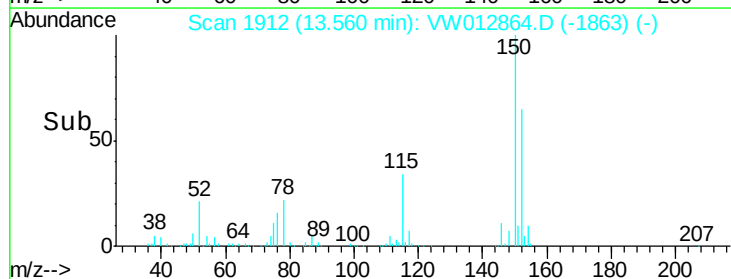
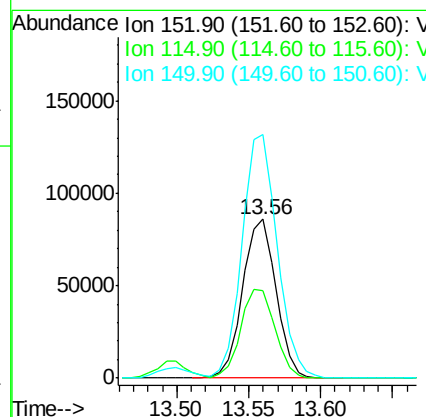
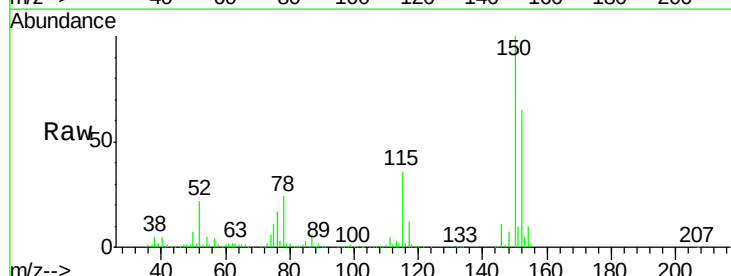
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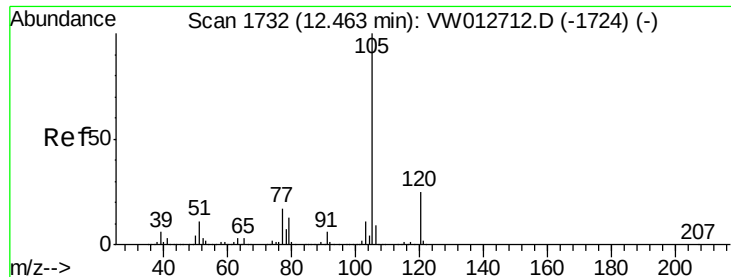
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	30.0	90.1
150	161.2	0.0	349.0





#73

Isopropylbenzene

Concen: 20.295 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion:105 Resp: 201125

Ion Ratio Lower Upper

105 100

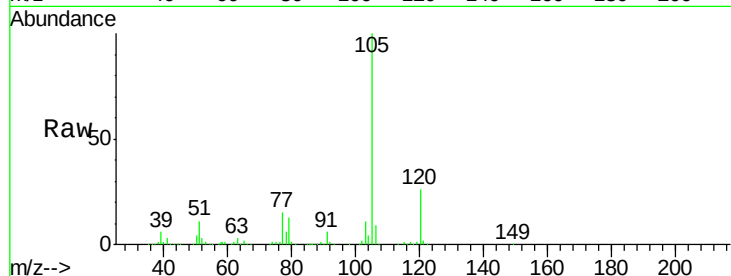
120 25.7 13.0 38.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

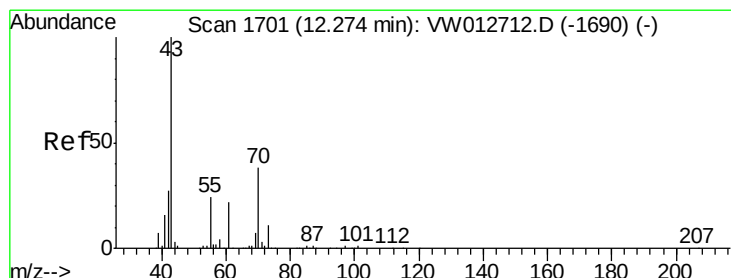
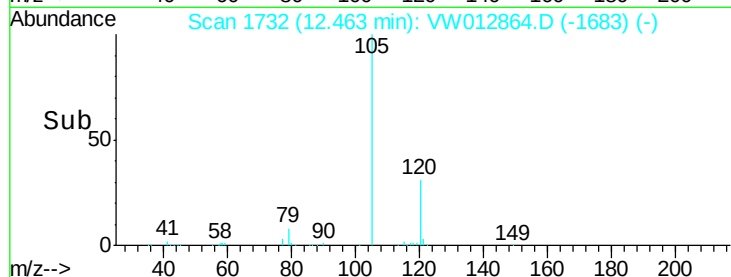
120000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.172 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Tgt Ion: 43 Resp: 57162

Ion Ratio Lower Upper

43 100

70 38.7 29.4 44.0

55 23.7 18.6 27.8

61 21.9 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

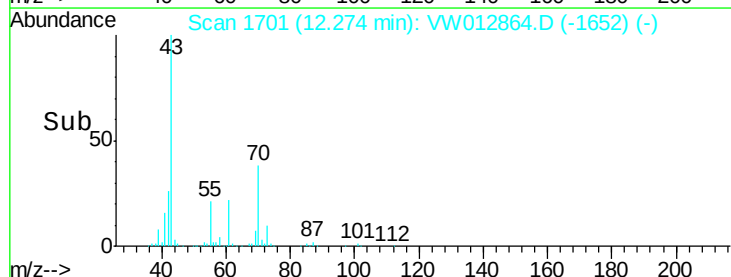
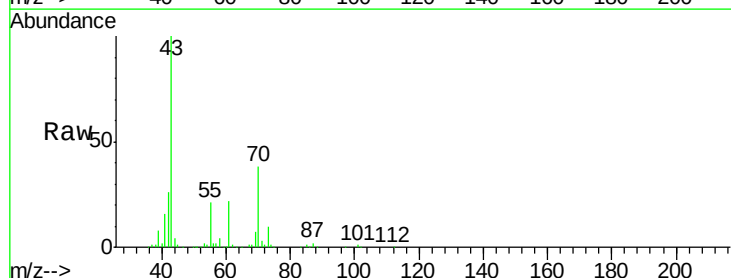
30000

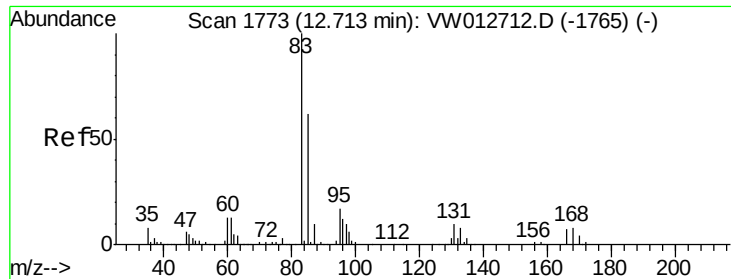
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.597 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

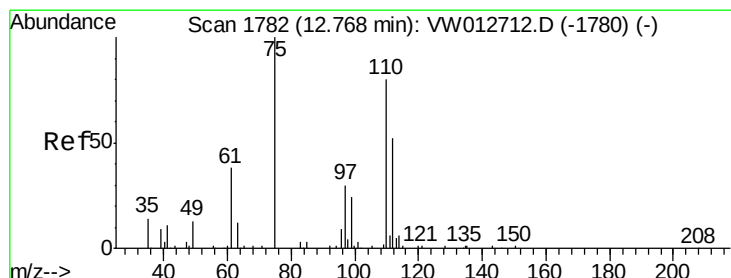
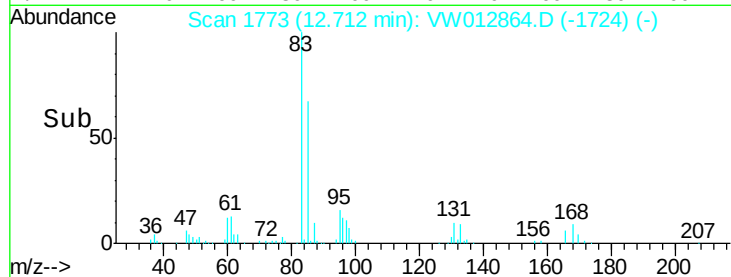
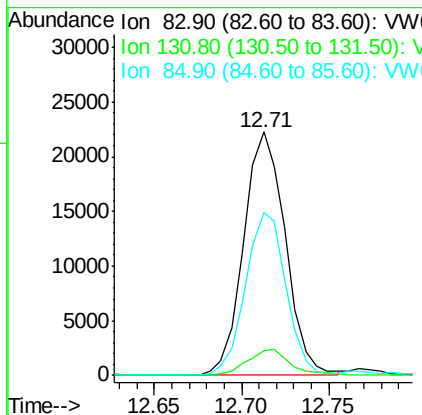
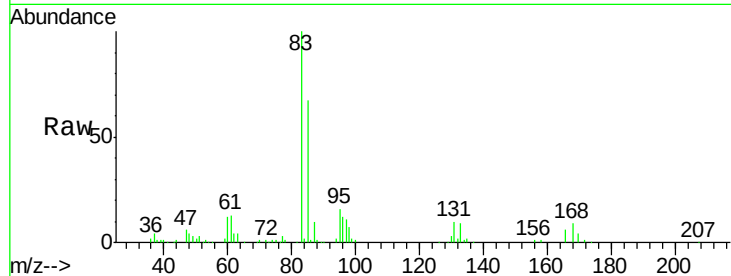
ClientSampleId :

VW0910SBSD01

Tot Ion:	83	Resp:	37012
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	65.2	31.4	94.2

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#76

1,2,3-Trichloropropane

Concen: 22.714 ug/l m

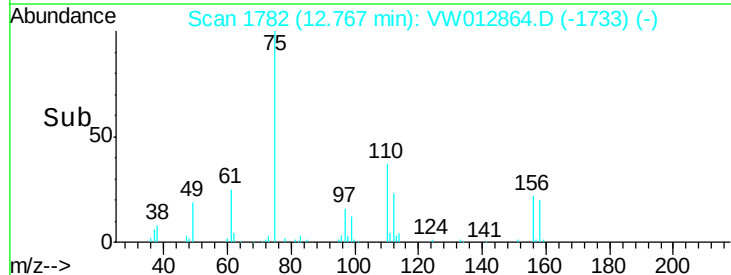
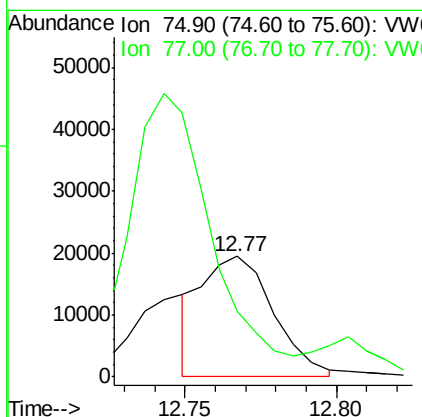
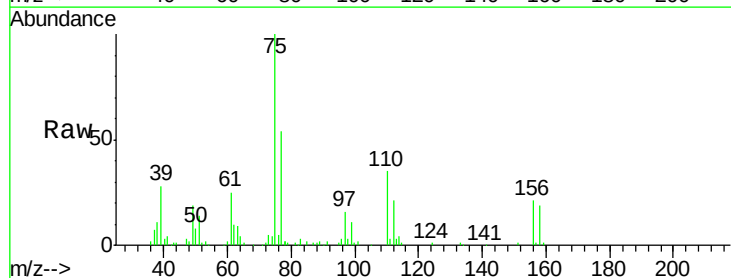
RT: 12.77 min Scan# 1782

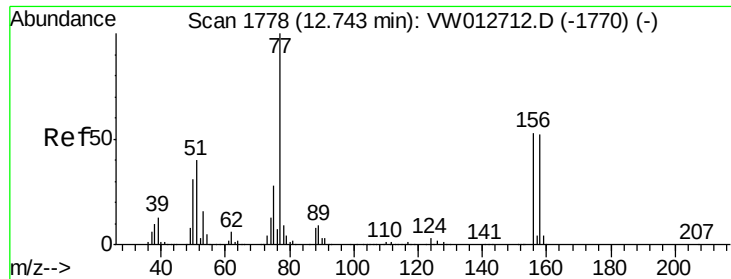
Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Tgt Ion:	75	Resp:	32092
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.493 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

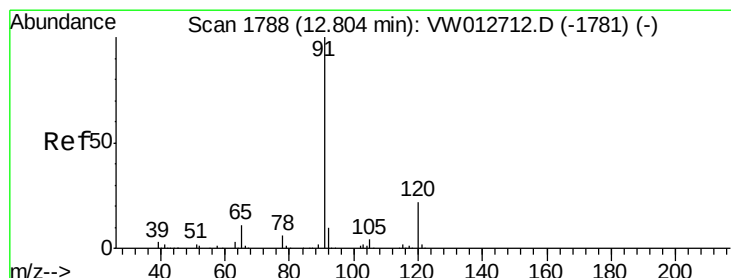
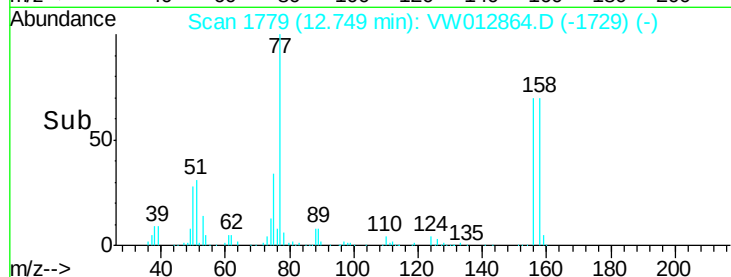
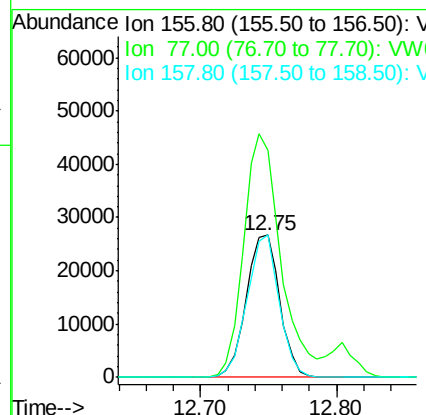
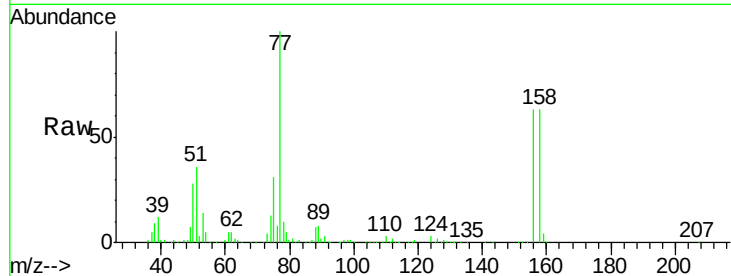
ClientSampleId :

VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	189.0	102.3	306.9
158	95.4	48.9	146.8

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#78

n-propylbenzene

Concen: 19.780 ug/l

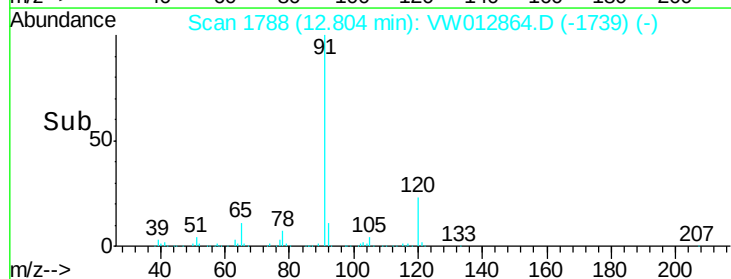
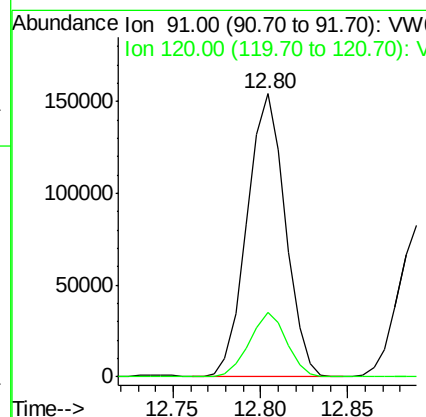
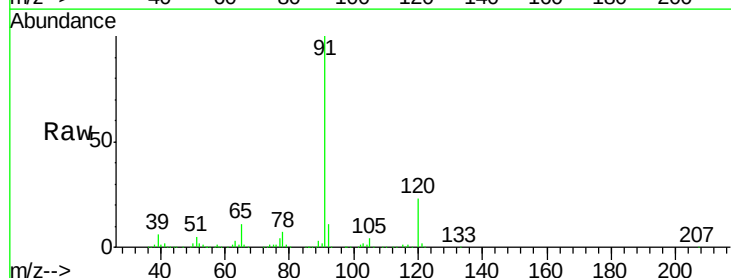
RT: 12.80 min Scan# 1788

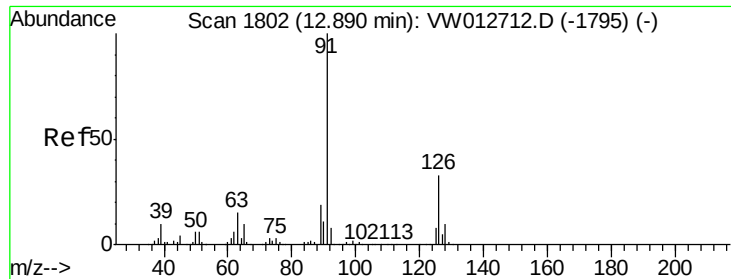
Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0





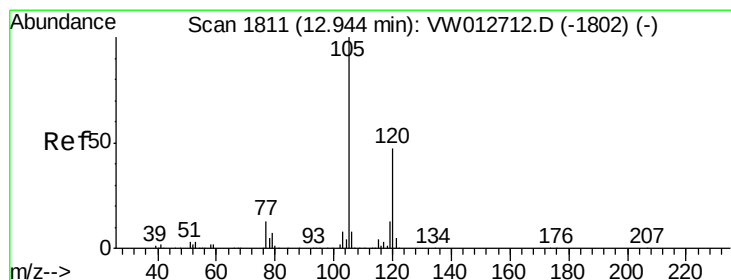
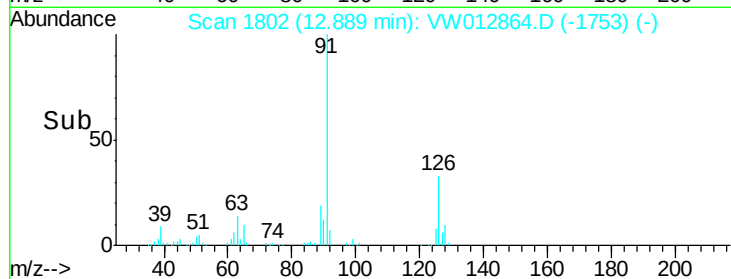
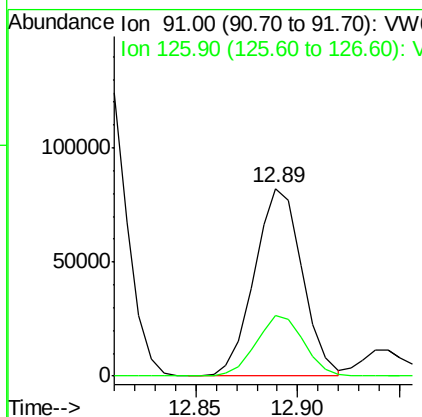
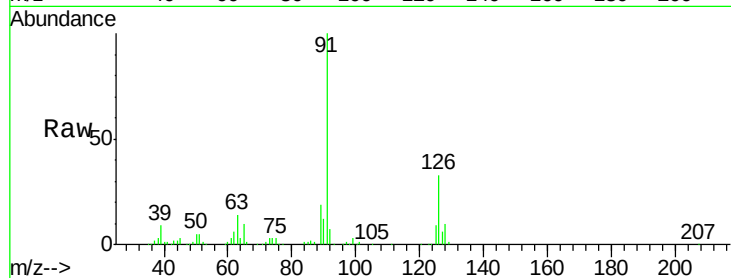
#79
 2-Chlorotoluene
 Concen: 19.641 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

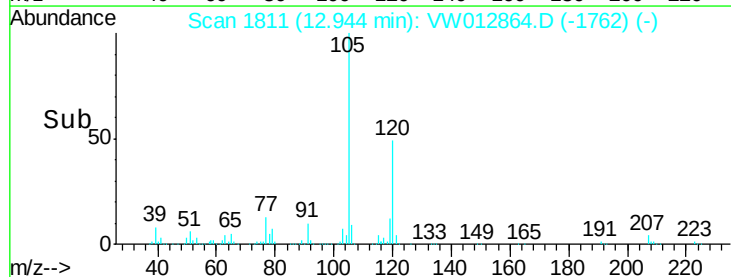
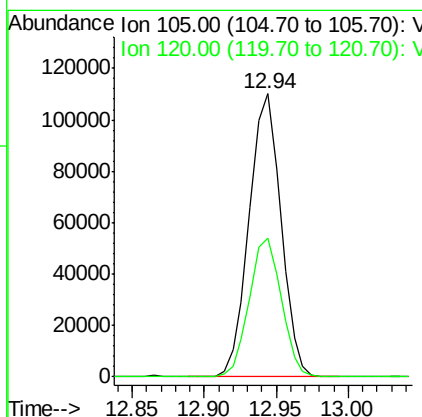
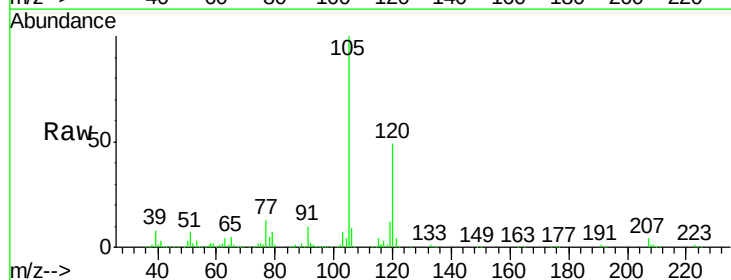
Manual Integrations
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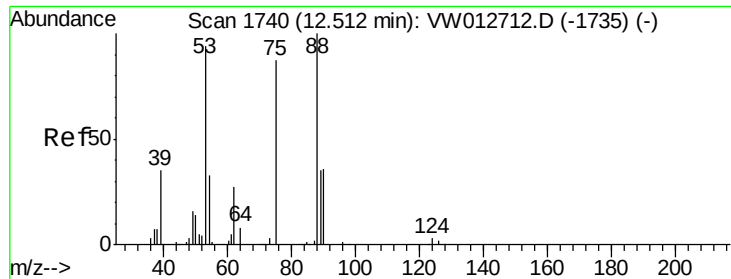
MMDadoda
 9/11/2019 9:26:56 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.100 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.6	23.9	71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.841 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD01

Tot Ion: 75 Resp: 11918

Ion Ratio Lower Upper

75 100

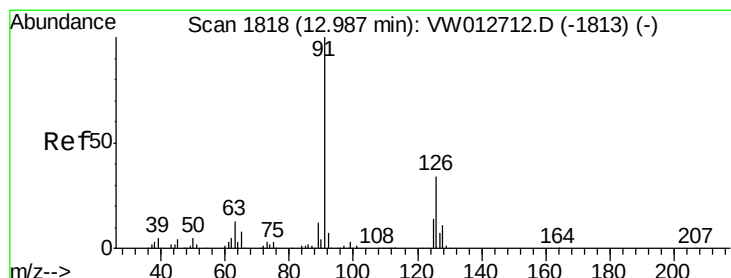
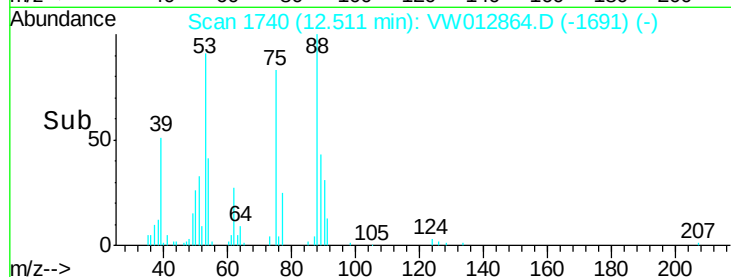
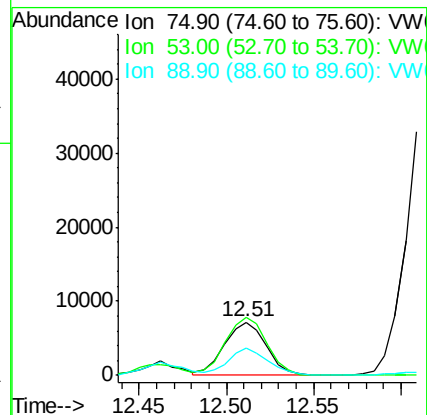
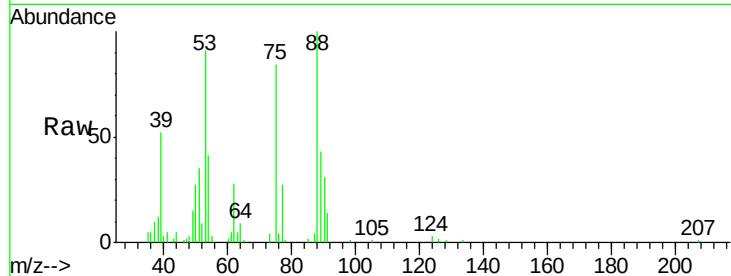
53 110.1 87.6 131.4

89 47.8 35.5 53.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.612 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012864.D

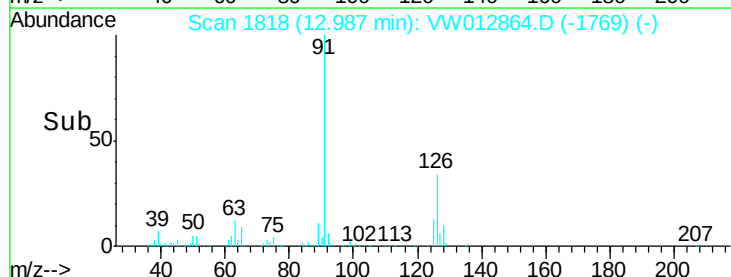
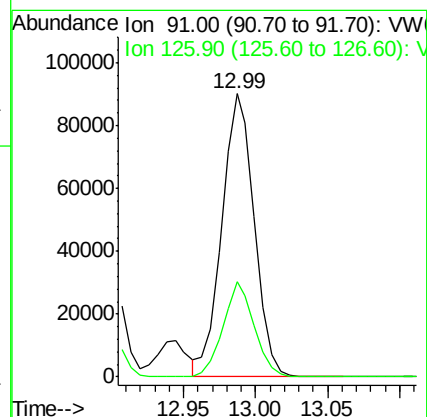
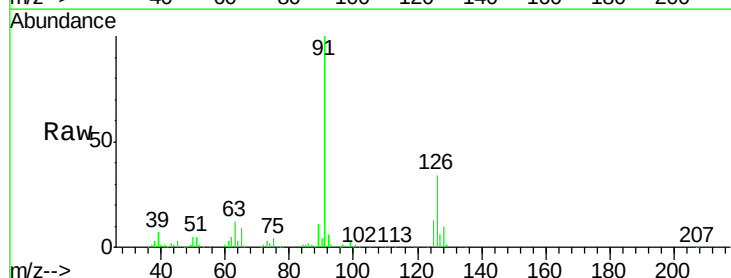
Acq: 10 Sep 2019 12:31

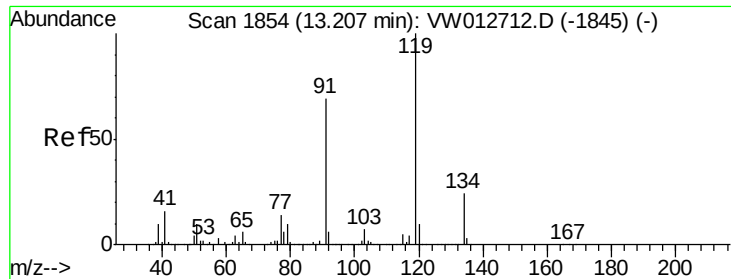
Tgt Ion: 91 Resp: 141148

Ion Ratio Lower Upper

91 100

126 32.4 15.9 47.6





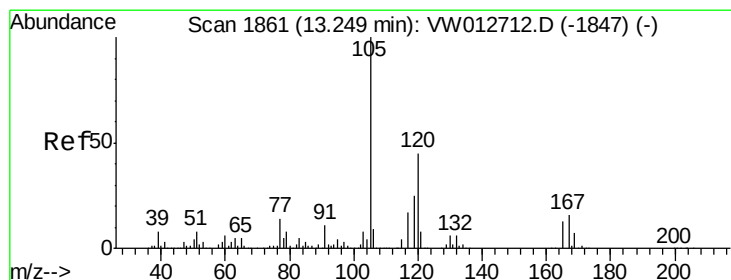
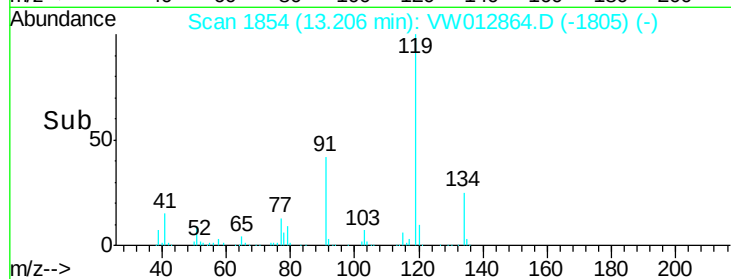
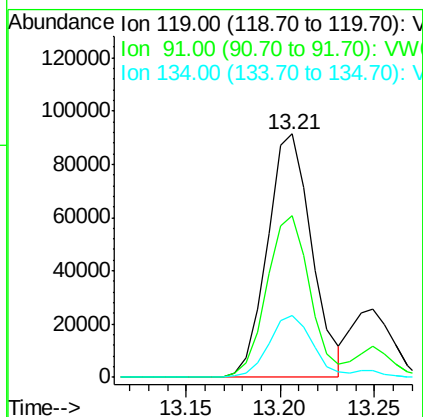
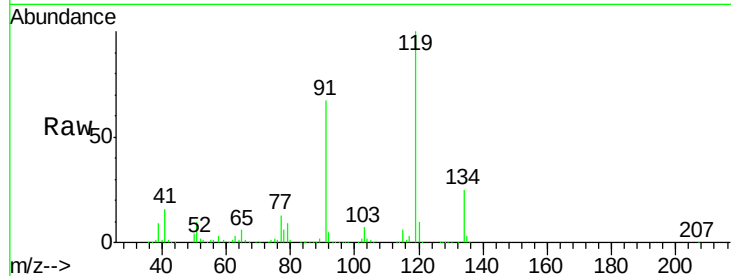
#83
 tert-Butylbenzene
 Concen: 20.236 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	34.2	102.5
134	25.2	12.3	36.9

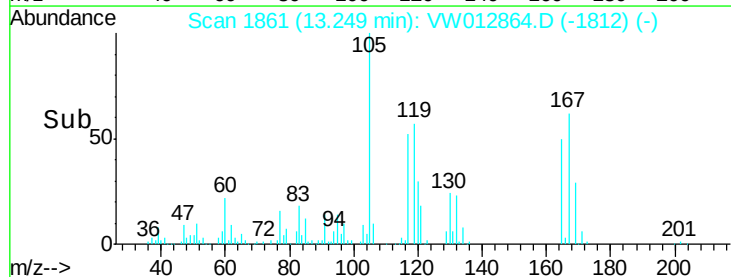
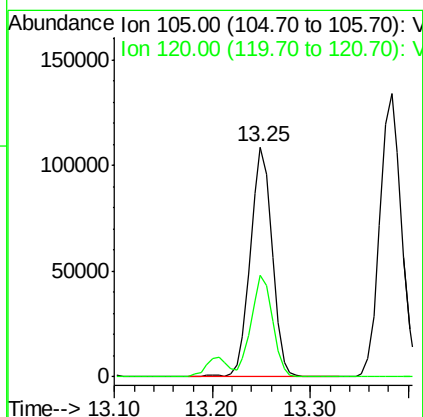
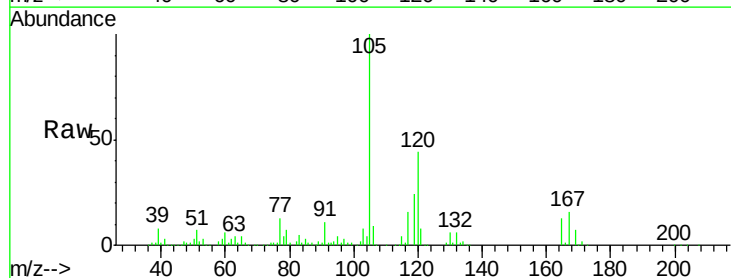
Manual Integrations
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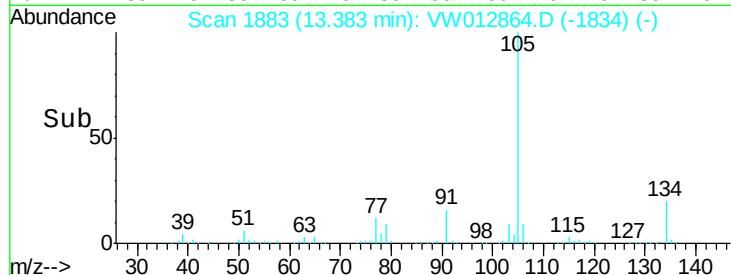
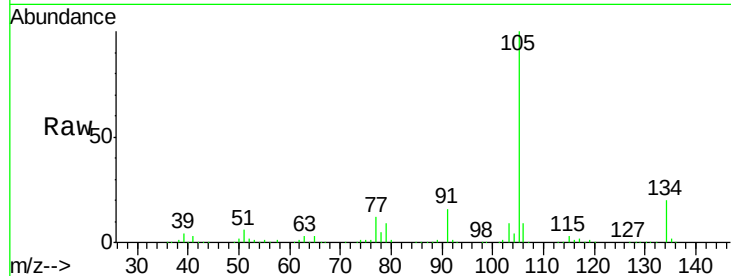
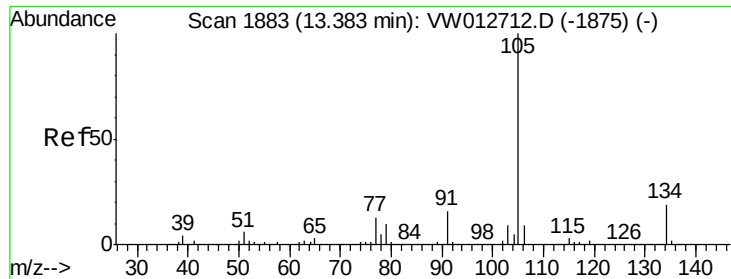
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.074 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.1	66.3





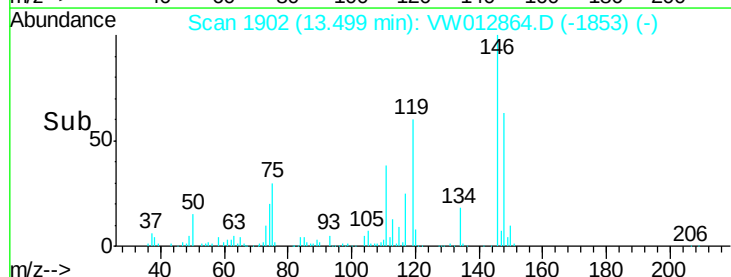
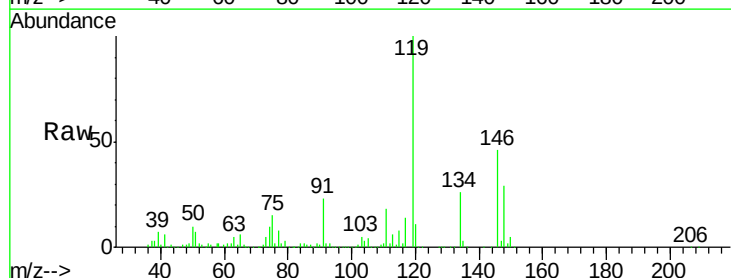
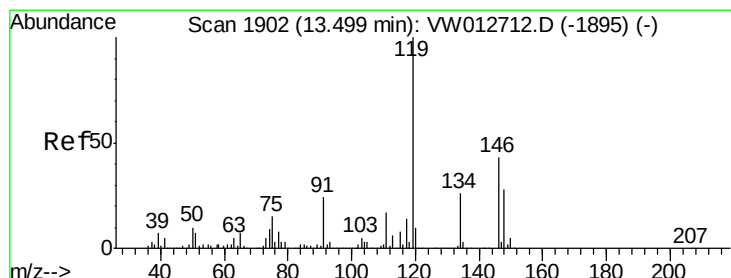
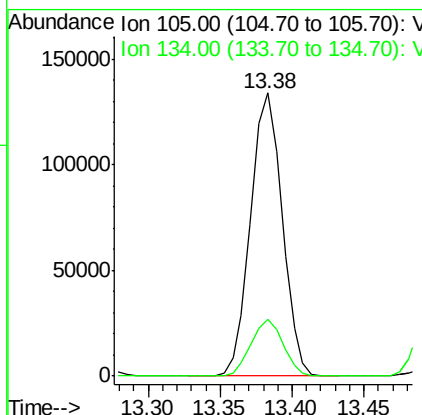
#85
 sec-Butylbenzene
 Concen: 19.933 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tot Ion	Ratio	Resp	Lower	Upper
105	100	204232		
134	20.2	9.8	29.3	

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

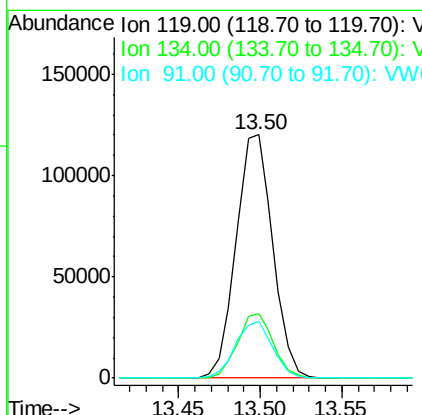
Manual Integrations
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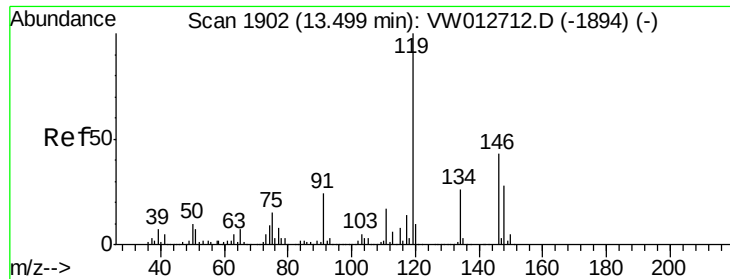
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 9/11/2019 9:26:56 AM



#86
 p-Isopropyltoluene
 Concen: 20.034 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	187494		
134	25.8	12.7	38.1	
91	23.4	12.2	36.6	





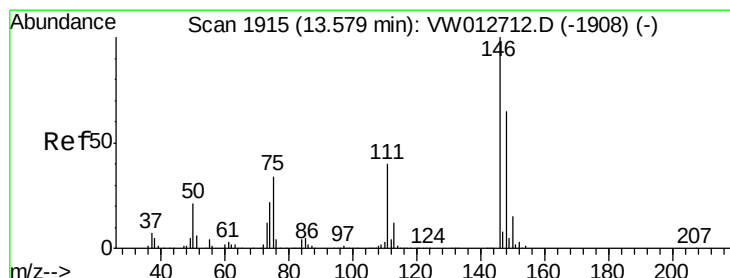
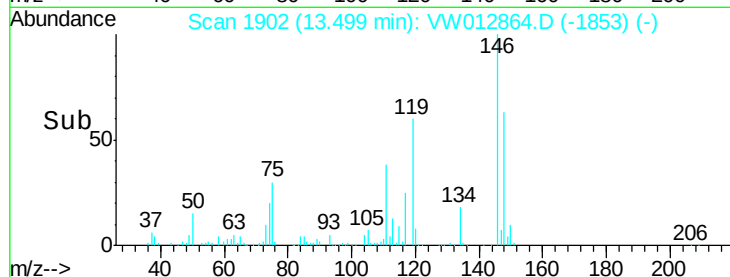
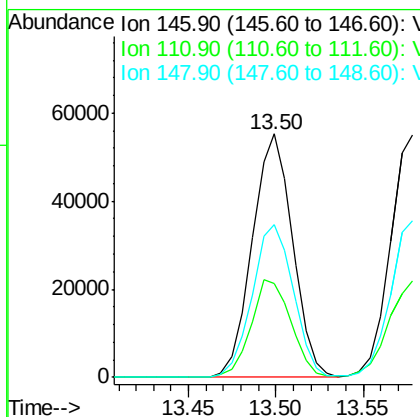
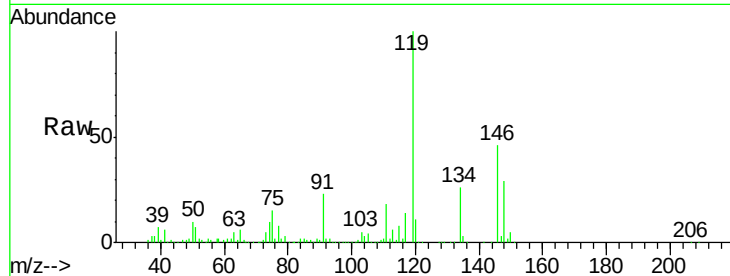
#87
 1,3-Dichlorobenzene
 Concen: 20.073 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampled :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.2
148	64.2	31.8	95.4

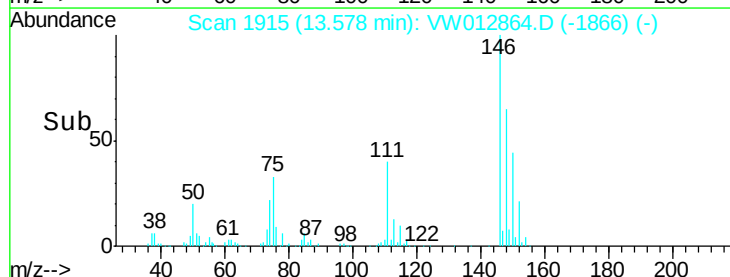
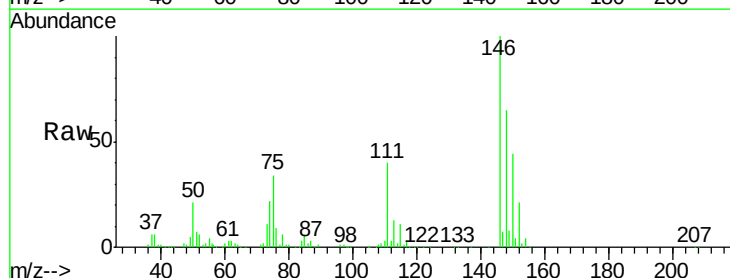
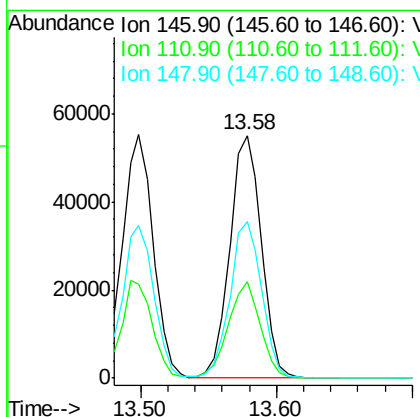
Manual Integrations
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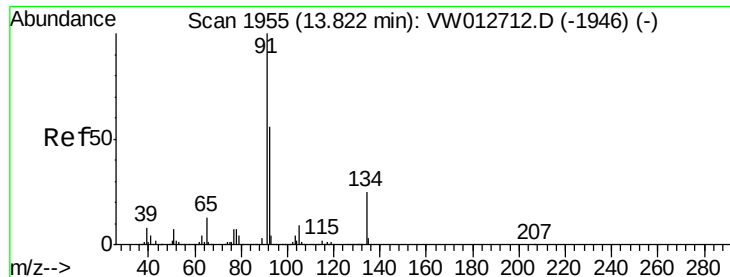
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#88
 1,4-Dichlorobenzene
 Concen: 20.180 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.8	32.2	96.6





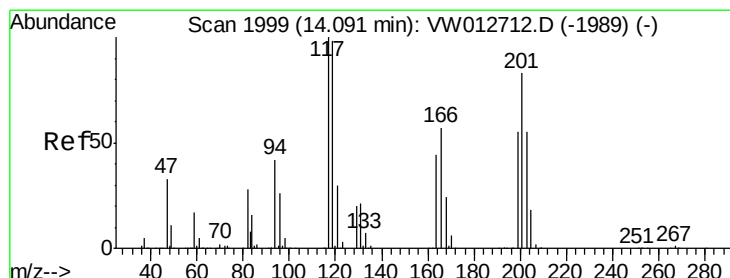
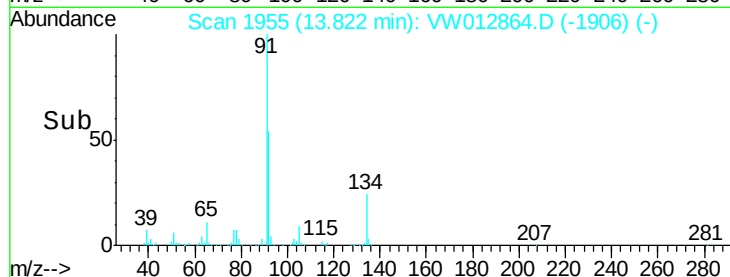
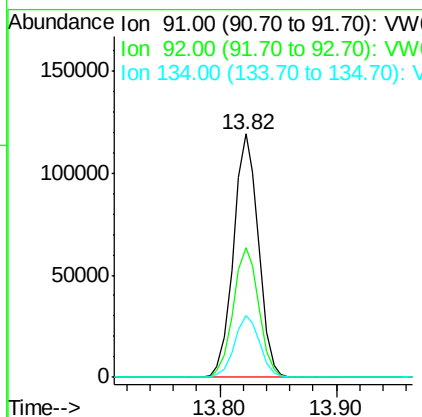
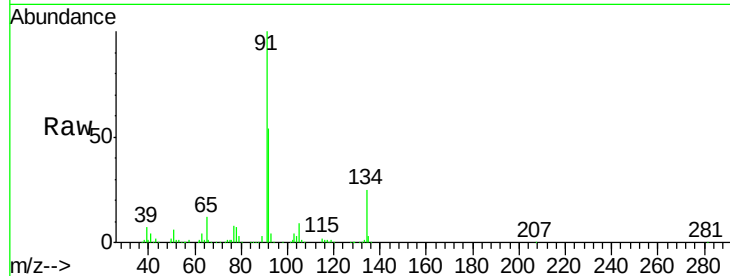
#89
n-Butylbenzene
Concen: 19.486 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.5
134	25.6	12.7	38.1

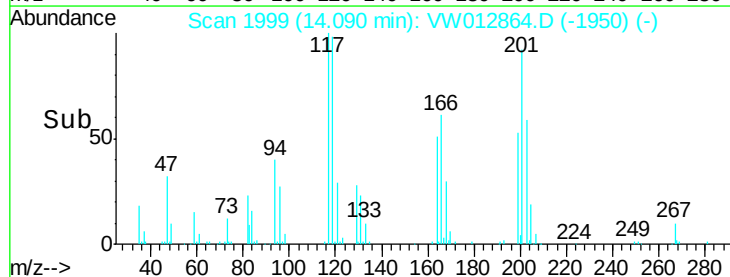
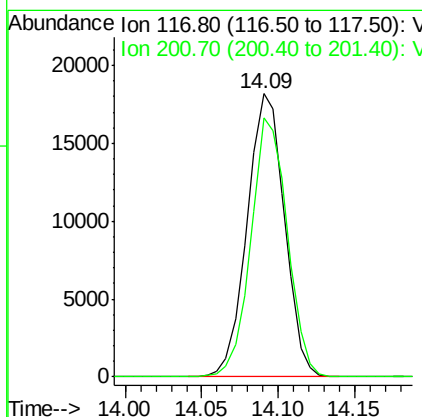
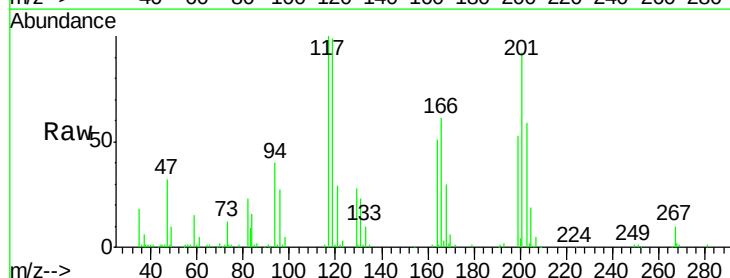
Manual Integrations
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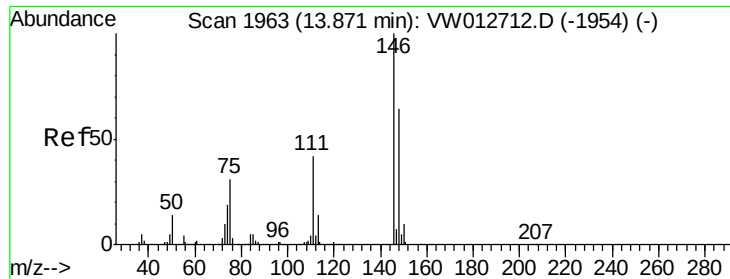
MMDadoda
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#90
Hexachloroethane
Concen: 18.887 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012864.D
Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	42.8	128.4





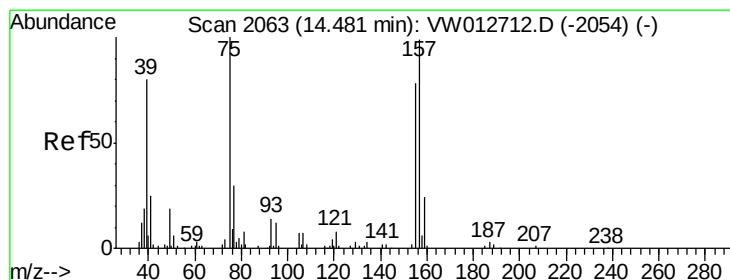
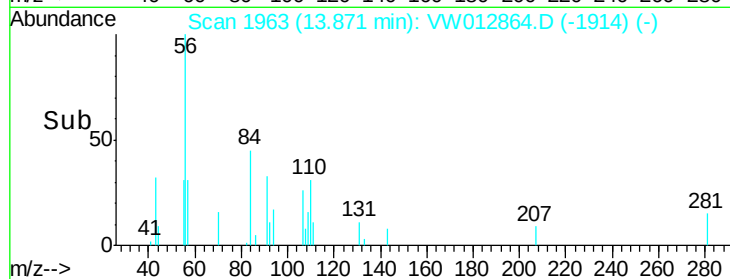
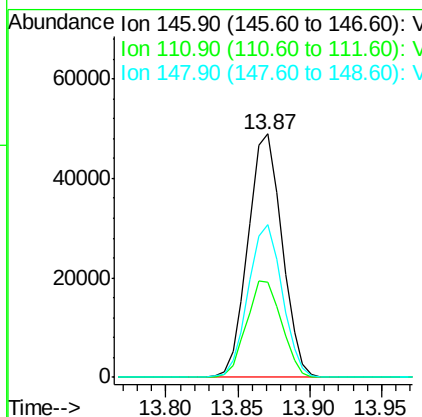
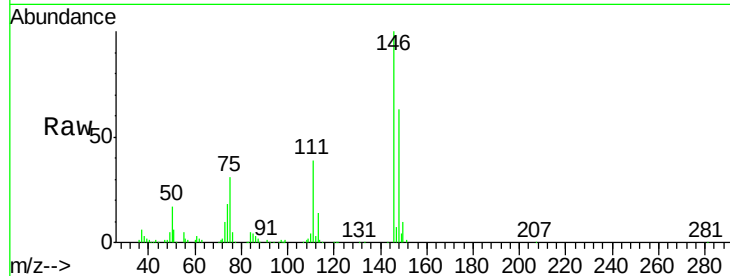
#91
 1,2-Dichlorobenzene
 Concen: 20.186 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.3	63.9
148	62.7	32.1	96.5

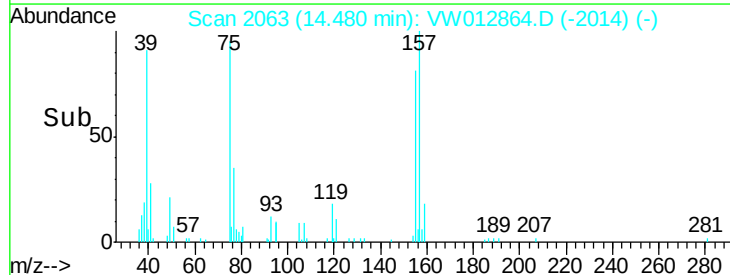
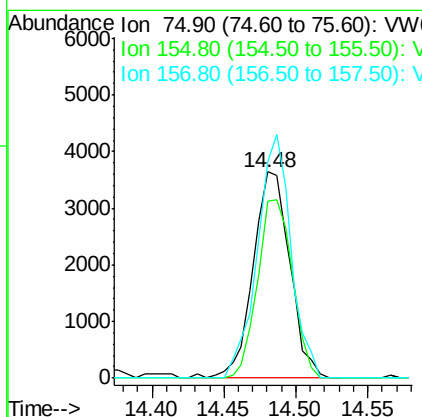
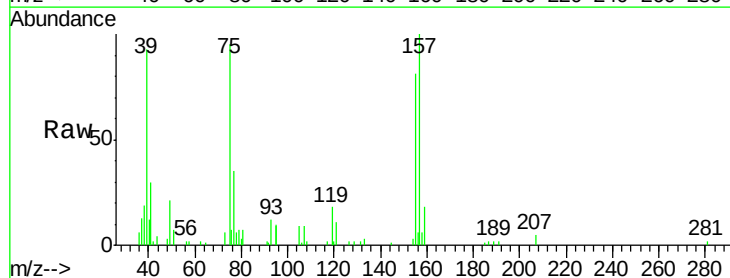
Manual Integrations
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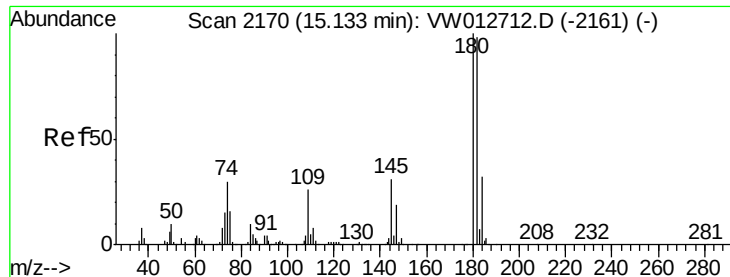
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.591 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	40.6	122.0
157	108.1	52.5	157.5





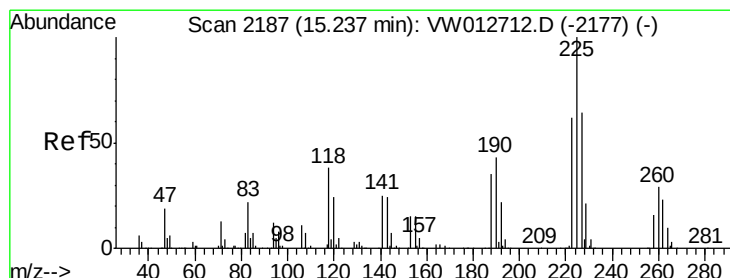
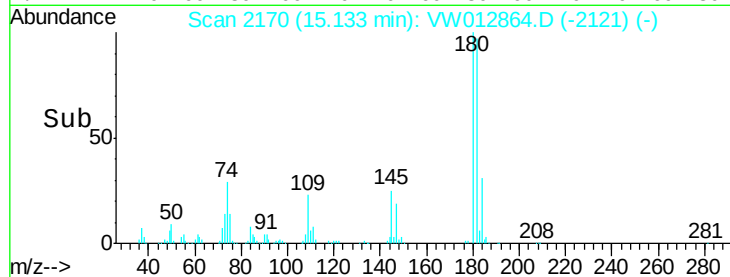
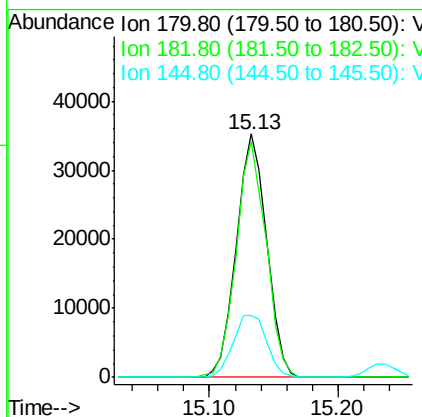
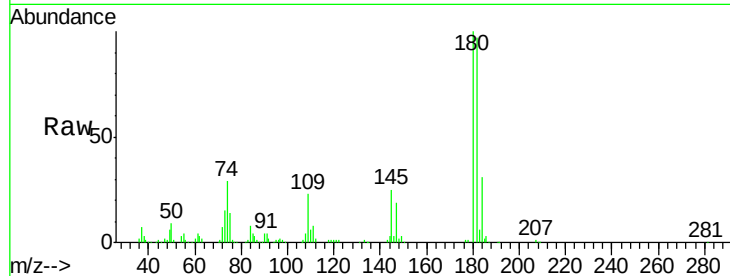
#93
 1,2,4-Trichlorobenzene
 Concen: 20.788 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	57488		
182	95.4	48.7	146.1	
145	28.1	15.0	45.1	

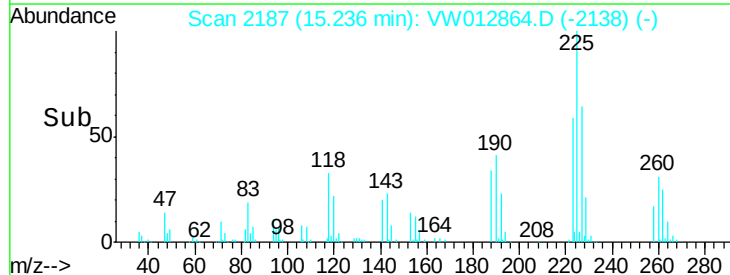
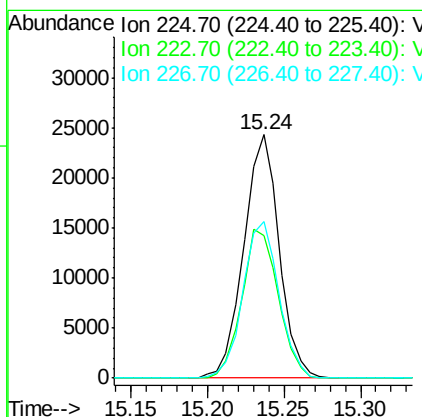
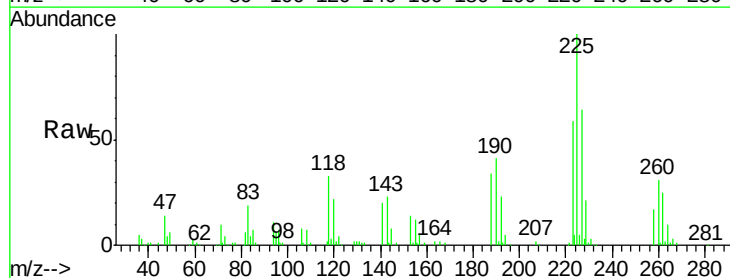
Manual Integrations
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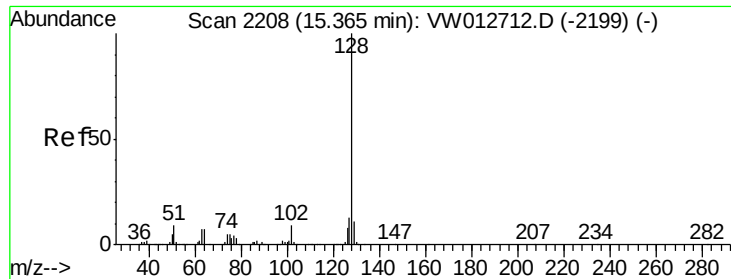
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#94
 Hexachlorobutadiene
 Concen: 20.351 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012864.D
 Acq: 10 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38954		
223	63.5	31.1	93.3	
227	65.6	31.4	94.2	





#95

Naphthalene

Concen: 20.219 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Instrument :

MSVOA_W

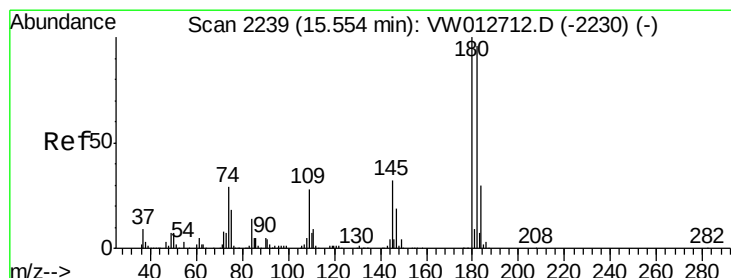
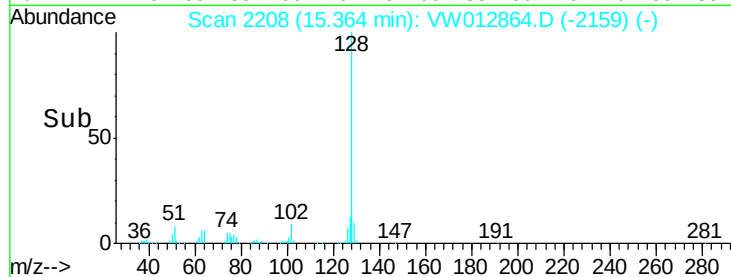
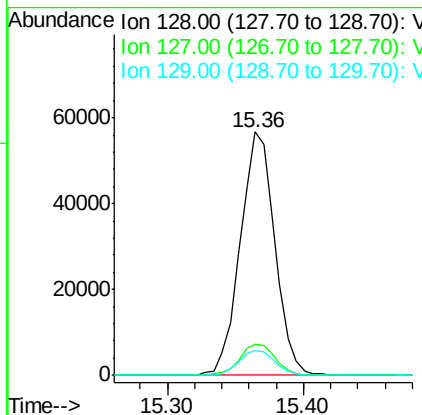
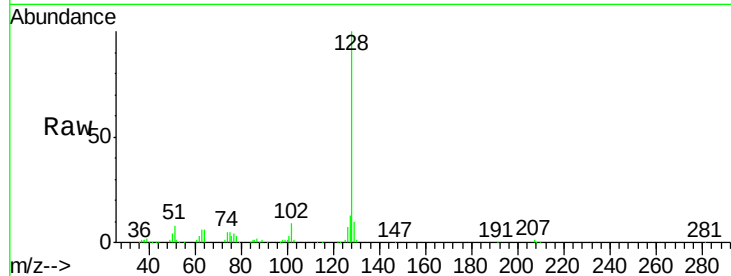
ClientSampleId :

VW0910SBSD01

Tot Ion:	128	Resp:	100389
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/11/2019 9:26:56 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.130 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW012864.D

Acq: 10 Sep 2019 12:31

Tgt Ion:	180	Resp:	49138
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.8	143.3
145	31.5	15.4	46.2

