

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011204.D
 Acq On : 10 Jul 2019 22:17
 Operator : SY/VA
 Sample : K3733-03MSD
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709MSD

Manual Integrations
 APPROVED

MMDadoda
 7/11/2019 2:50:26 PM

Quant Time: Jul 11 08:32:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	170090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	281246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	238341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101669	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	83687	39.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.32%	
35) Dibromofluoromethane	7.88	113	65708	39.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.40%	
50) Toluene-d8	10.32	98	255692	37.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.46%	
62) 4-Bromofluorobenzene	12.62	95	86728	34.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	56388	44.451	ug/l	98
3) Chloromethane	2.21	50	75794	46.369	ug/l	98
4) Vinyl Chloride	2.36	62	104782	48.976	ug/l	97
5) Bromomethane	2.77	94	49920	46.435	ug/l	99
6) Chloroethane	2.92	64	57822	50.177	ug/l	96
7) Trichlorofluoromethane	3.25	101	36287	47.744	ug/l	97
8) Diethyl Ether	3.68	74	55038	52.336	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	89138	48.963	ug/l	100
10) Methyl Iodide	4.27	142	106448	42.513	ug/l	99
11) Tert butyl alcohol	5.17	59	41018	259.223	ug/l	98
12) 1,1-Dichloroethene	4.03	96	97423	51.559	ug/l	98
13) Acrolein	3.89	56	9919	78.722	ug/l	92
14) Allyl chloride	4.66	41	168619	48.937	ug/l	99
15) Acrylonitrile	5.36	53	138790	259.139	ug/l	100
16) Acetone	4.12	43	153819	299.116	ug/l	99
17) Carbon Disulfide	4.38	76	276689	48.301	ug/l	99
18) Methyl Acetate	4.67	43	129331	89.556	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	160136	55.854	ug/l	99
20) Methylene Chloride	4.92	84	105086	51.801	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	95579	48.680	ug/l	97
22) Diisopropyl ether	6.31	45	385135	51.968	ug/l	96
23) Vinyl Acetate	6.25	43	441265	96.211	ug/l	99
24) 1,1-Dichloroethane	6.21	63	197426	50.732	ug/l	99
25) 2-Butanone	7.17	43	217644	269.618	ug/l	98
26) 2,2-Dichloropropane	7.16	77	90466	44.721	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	105205	49.673	ug/l	99
28) Bromochloromethane	7.51	49	83631	47.263	ug/l #	99
29) Tetrahydrofuran	7.52	42	139555	263.656	ug/l	100
30) Chloroform	7.67	83	179017	49.672	ug/l	98
31) Cyclohexane	7.95	56	185864	44.894	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	134426	49.033	ug/l	98
36) 1,1-Dichloropropene	8.08	75	144828	48.357	ug/l	100
37) Ethyl Acetate	7.25	43	78876	43.833	ug/l	99
38) Carbon Tetrachloride	8.07	117	88802	34.976	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	149430	41.164	ug/l	98
40) Benzene	8.32	78	411798	49.752	ug/l	99
41) Methacrylonitrile	7.48	41	57781	56.143	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	134224	49.990	ug/l	100
43) Isopropyl Acetate	8.42	43	156716	46.128	ug/l	98
44) Trichloroethene	9.09	130	106921	53.681	ug/l	99
45) 1,2-Dichloropropane	9.37	63	111591	49.786	ug/l	97
46) Dibromomethane	9.46	93	52402	49.770	ug/l	99
47) Bromodichloromethane	9.64	83	119553	44.377	ug/l	98
48) Methyl methacrylate	9.43	41	86423	52.875	ug/l	97
49) 1,4-Dioxane	9.45	88	19133	1088.670	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	474880	267.582	ug/l	99
52) Toluene	10.38	92	246540	49.102	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	123924	43.215	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	144451	42.796	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	76452	51.183	ug/l	98
56) Ethyl methacrylate	10.65	69	109661	48.221	ug/l	99
57) 1,3-Dichloropropane	10.93	76	140244	49.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	266340	252.627	ug/l	100
59) 2-Hexanone	10.97	43	326221	265.056	ug/l	100
60) Dibromochloromethane	11.13	129	69597	42.491	ug/l	99
61) 1,2-Dibromoethane	11.23	107	69811	49.341	ug/l	100
64) Tetrachloroethene	10.86	164	97907	60.877	ug/l	97
65) Chlorobenzene	11.66	112	236596	48.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	74901	43.900	ug/l	100
67) Ethyl Benzene	11.73	91	453697	48.908	ug/l	100
68) m/p-Xylenes	11.84	106	325954	97.108	ug/l	100
69) o-Xylene	12.16	106	153543	48.533	ug/l	100
70) Styrene	12.18	104	240651	44.076	ug/l	99
71) Bromoform	12.35	173	37427	41.258	ug/l #	99
73) Isopropylbenzene	12.46	105	406863	53.534	ug/l	100
74) N-amyl acetate	12.27	43	82143	31.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	92297	59.244	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	63824m	54.322	ug/l	
77) Bromobenzene	12.74	156	90983	53.343	ug/l	99
78) n-propylbenzene	12.80	91	476471	50.893	ug/l	100
79) 2-Chlorotoluene	12.89	91	274607	50.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	328060	50.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	20722	39.892	ug/l	97
82) 4-Chlorotoluene	12.99	91	287591	51.251	ug/l	99
83) tert-Butylbenzene	13.21	119	267351	49.649	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	331344	51.107	ug/l	99
85) sec-Butylbenzene	13.38	105	362082	46.600	ug/l	100
86) p-Isopropyltoluene	13.50	119	324647	46.584	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	159106	48.485	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	159222	48.184	ug/l	99
89) n-Butylbenzene	13.82	91	290816	41.831	ug/l	99
90) Hexachloroethane	14.10	117	36226	28.446	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	145127	48.748	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15755	57.013	ug/l	96

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QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	79776	38.905	ug/l	98
94) Hexachlorobutadiene	15.24	225	31670	25.157	ug/l	99
95) Naphthalene	15.37	128	196158	49.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	68836	38.037	ug/l	98

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

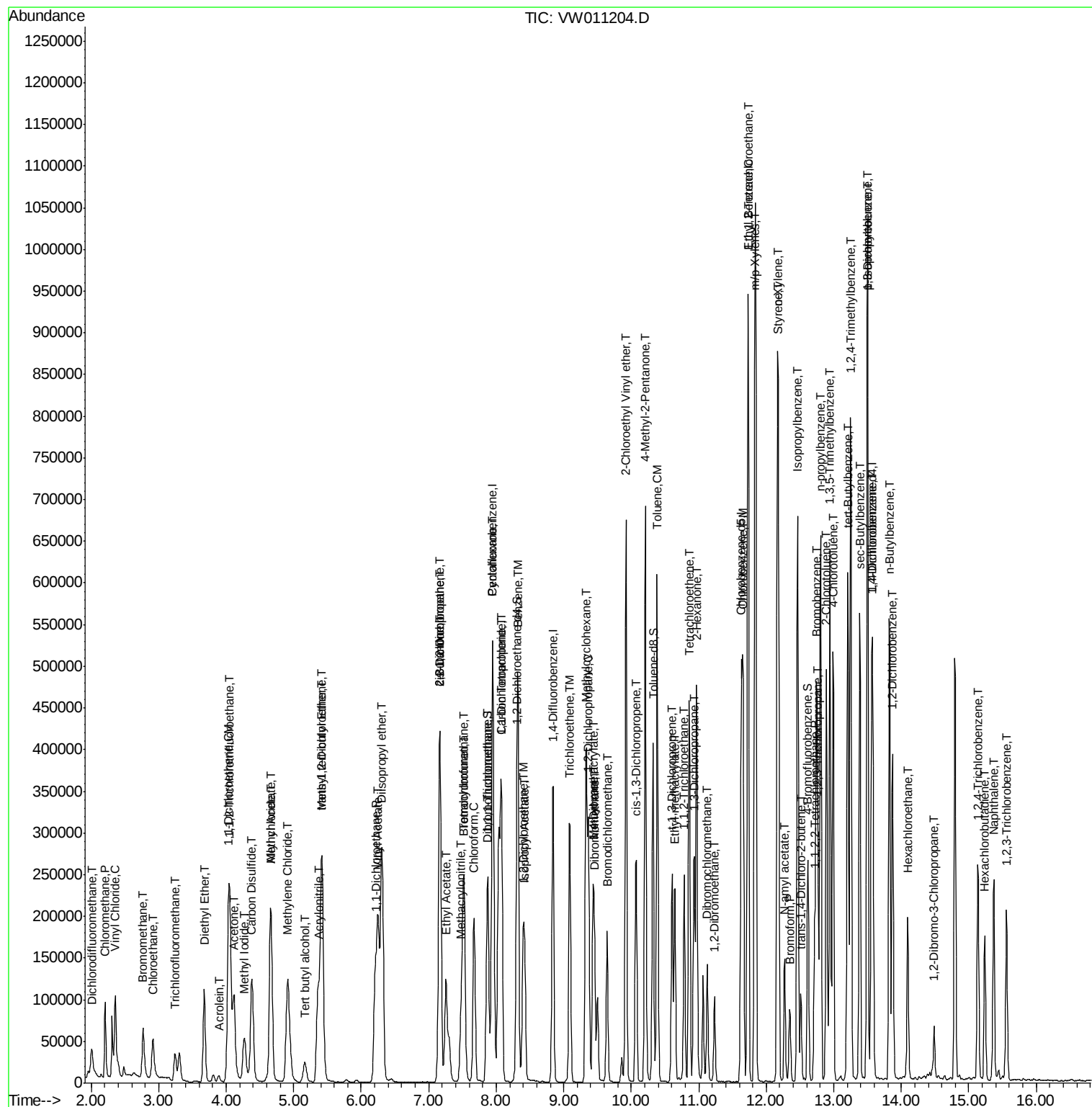
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071119\
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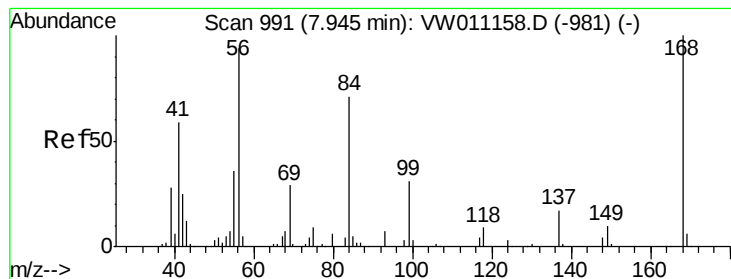
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion:168 Resp: 170090

Ion Ratio Lower Upper

168 100

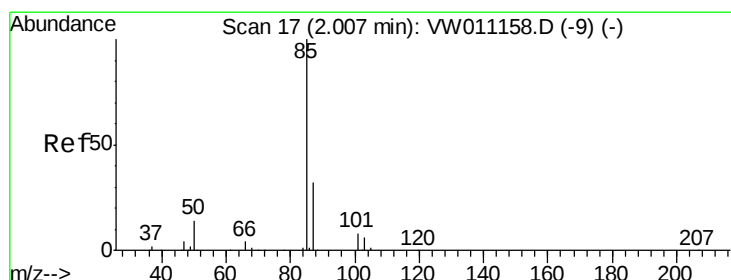
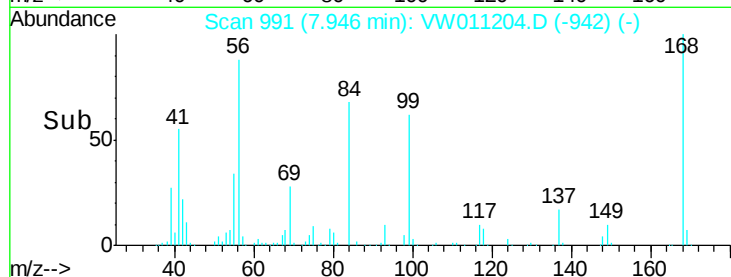
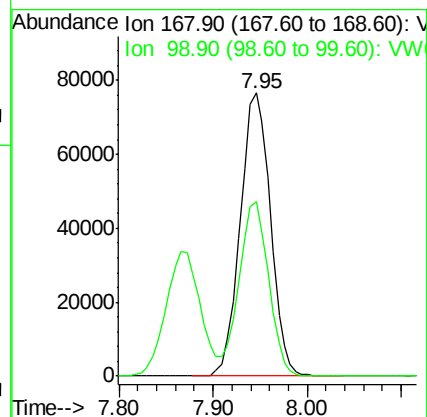
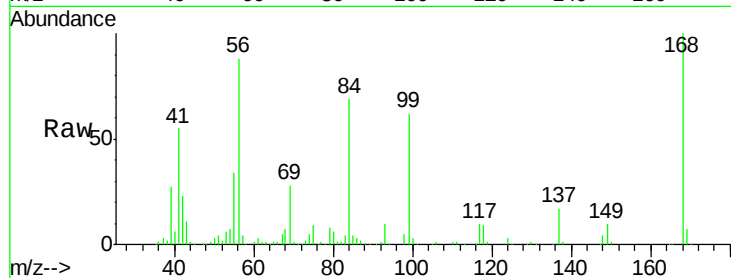
99 61.6 50.1 75.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.451 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011204.D

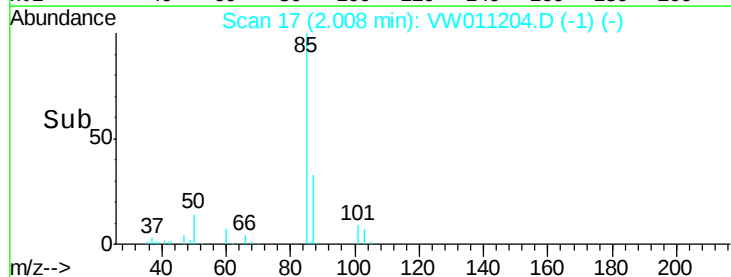
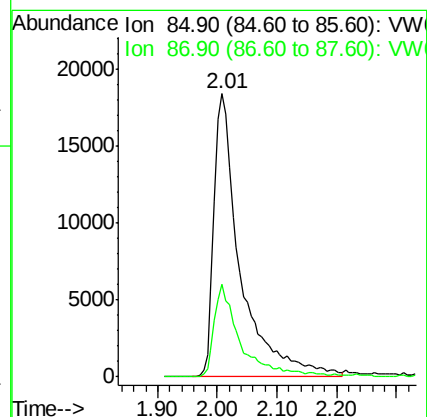
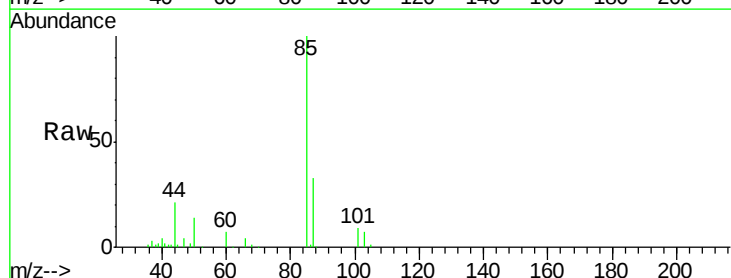
Acq: 10 Jul 2019 22:17

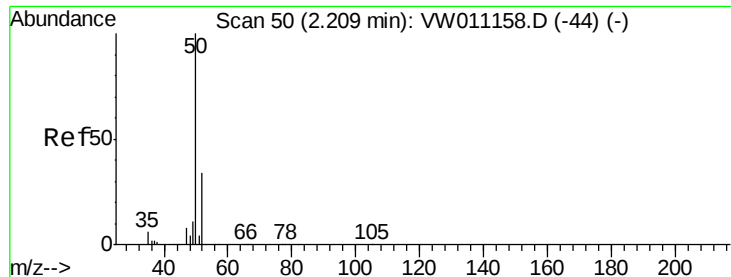
Tgt Ion: 85 Resp: 56388

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6





#3

Chloromethane

Concen: 46.369 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion: 50 Resp: 75794

Ion Ratio Lower Upper

50 100

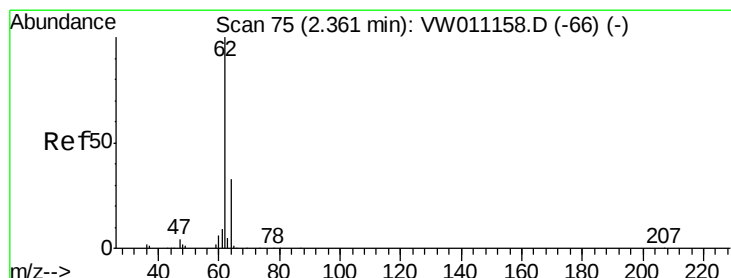
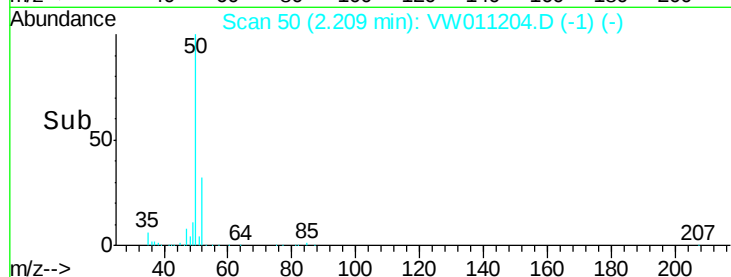
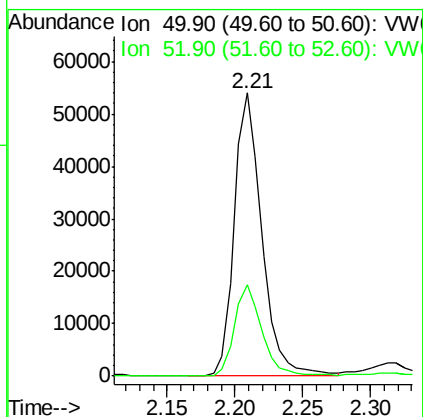
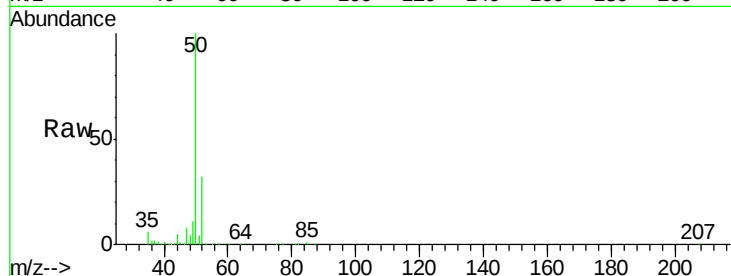
52 32.4 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.976 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011204.D

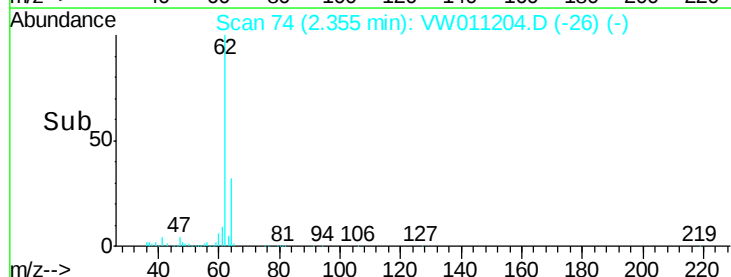
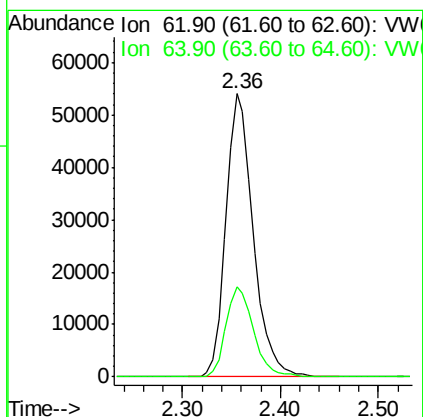
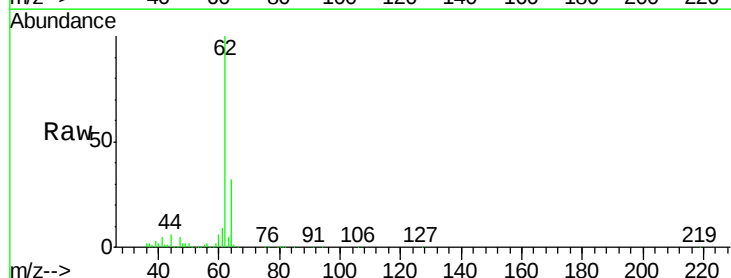
Acq: 10 Jul 2019 22:17

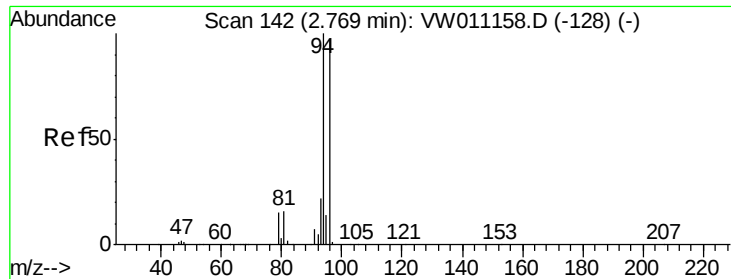
Tgt Ion: 62 Resp: 104782

Ion Ratio Lower Upper

62 100

64 31.7 26.6 40.0





#5

Bromomethane

Concen: 46.435 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

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Tot Ion: 94 Resp: 49920

Ion Ratio Lower Upper

94 100

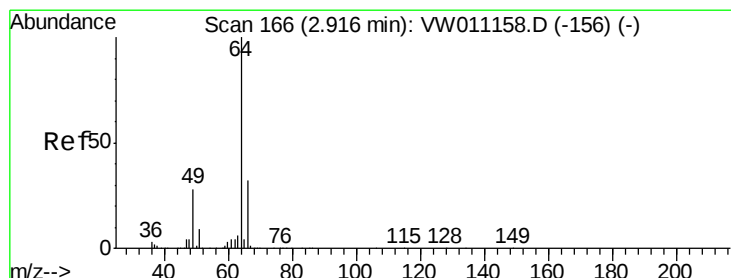
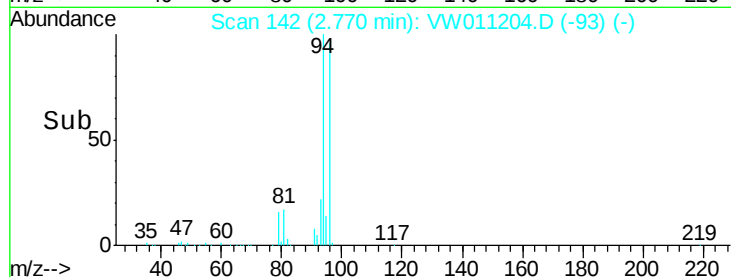
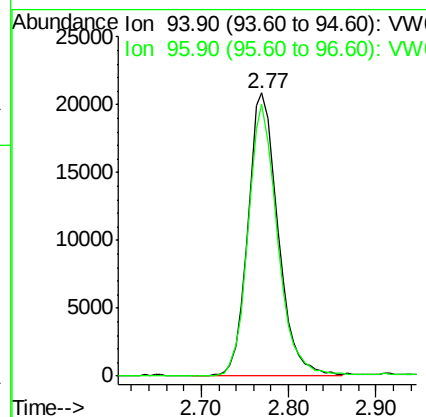
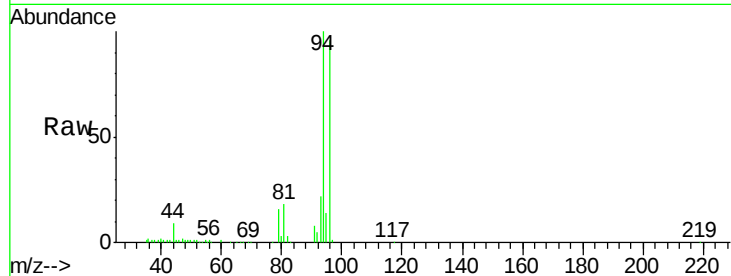
96 95.7 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 50.177 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011204.D

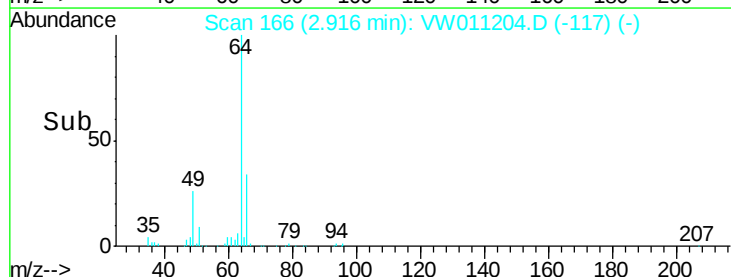
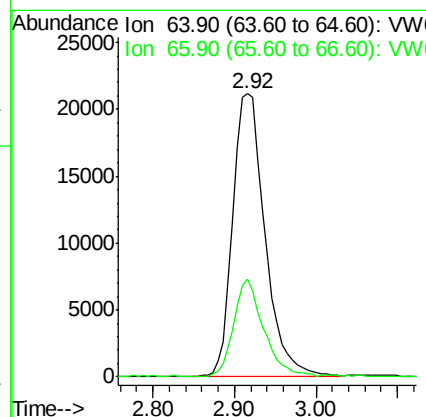
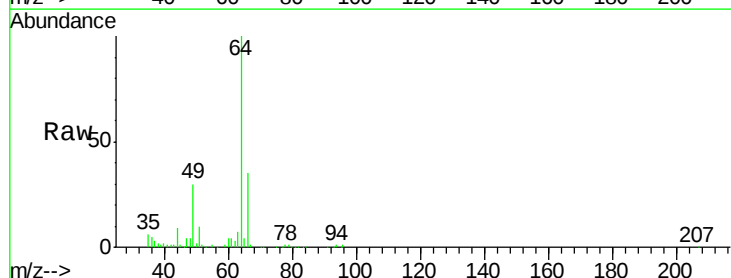
Acq: 10 Jul 2019 22:17

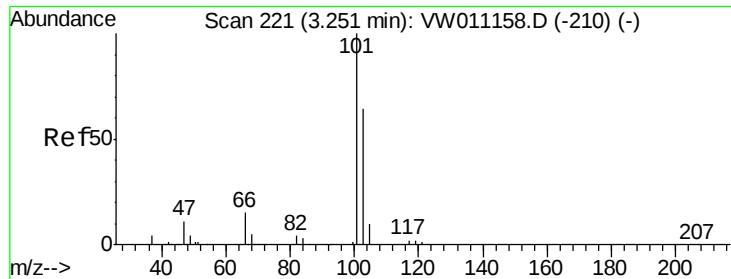
Tgt Ion: 64 Resp: 57822

Ion Ratio Lower Upper

64 100

66 34.5 25.8 38.8





#7

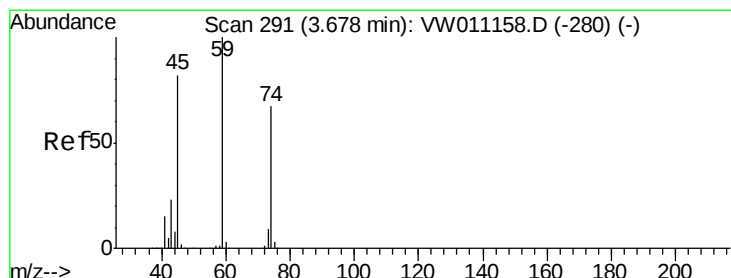
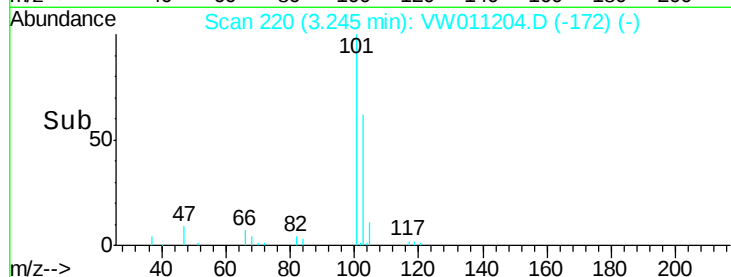
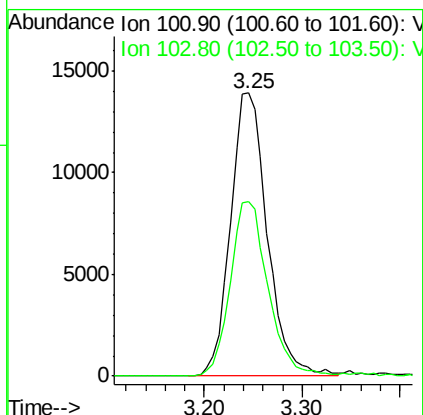
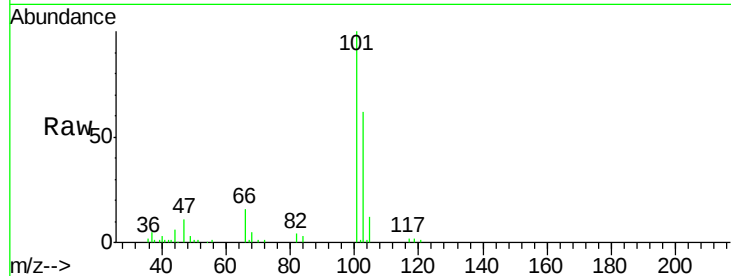
Trichlorofluoromethane
Concen: 47.744 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	51.3	76.9

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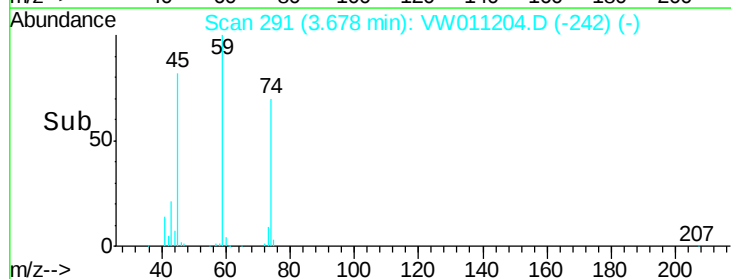
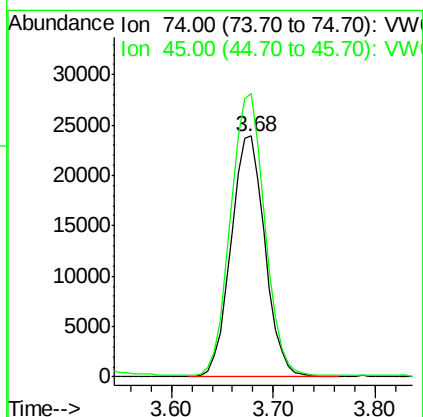
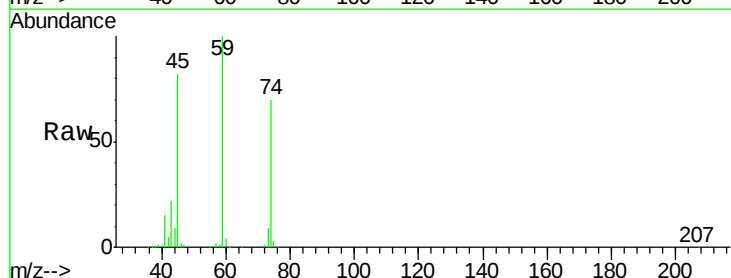
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#8

Diethyl Ether
Concen: 52.336 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.3	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.963 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

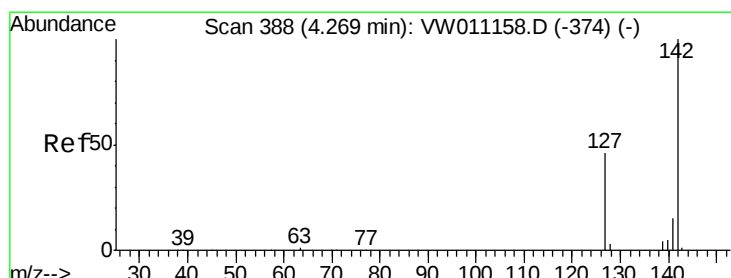
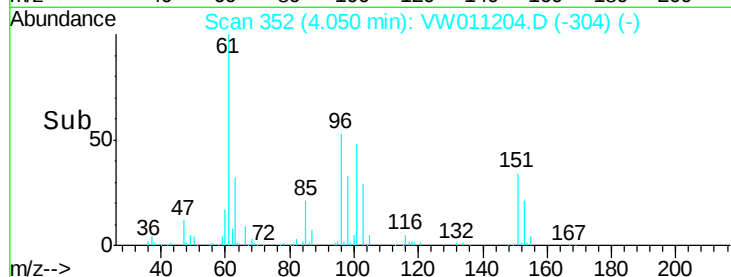
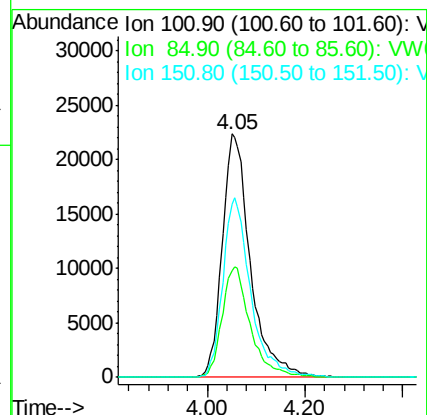
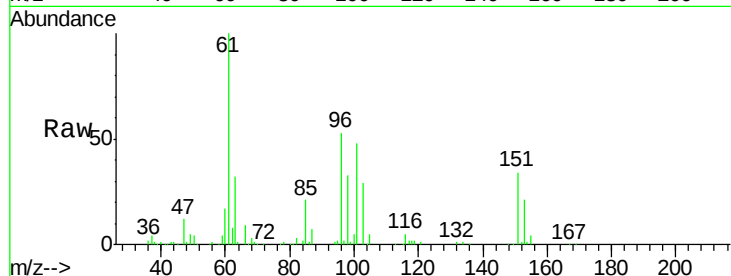
ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion:	101	Resp:	89138
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.5	54.7
151	73.3	59.1	88.7

Manual Integrations
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#10

Methyl Iodide

Concen: 42.513 ug/l

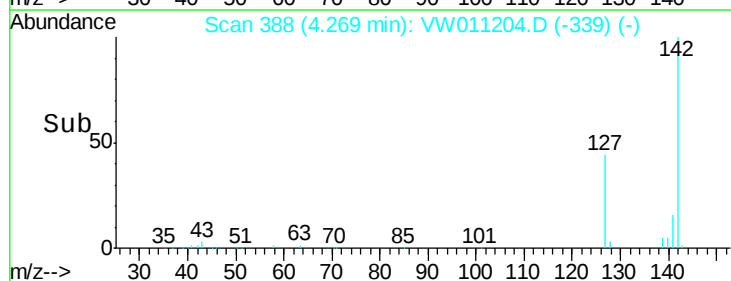
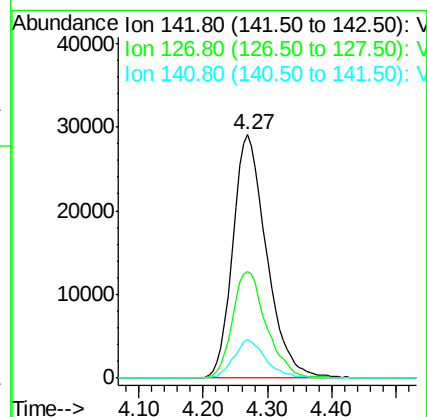
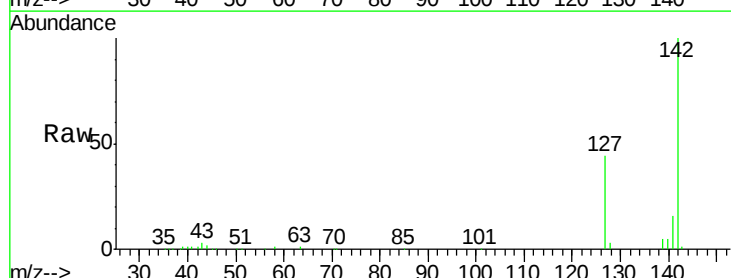
RT: 4.27 min Scan# 388

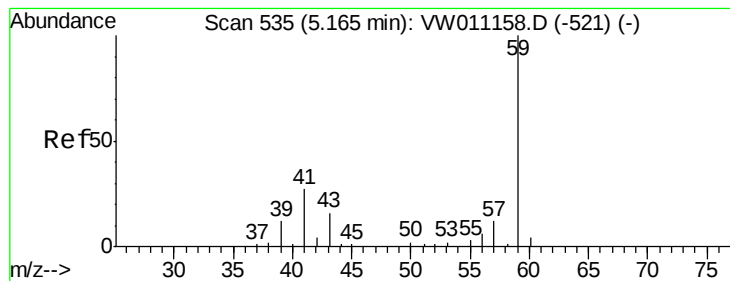
Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Tgt Ion:	142	Resp:	106448
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.7	53.5
141	15.0	11.5	17.3





#11

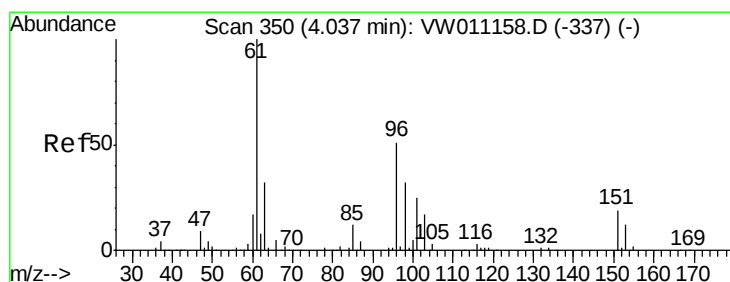
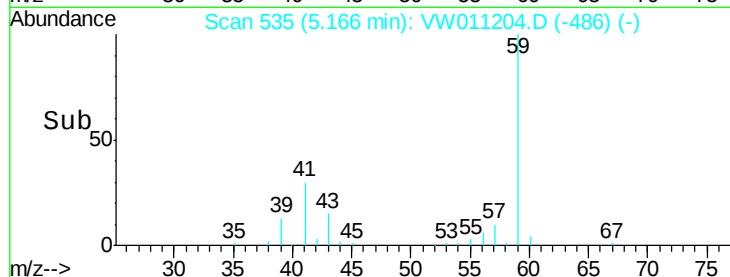
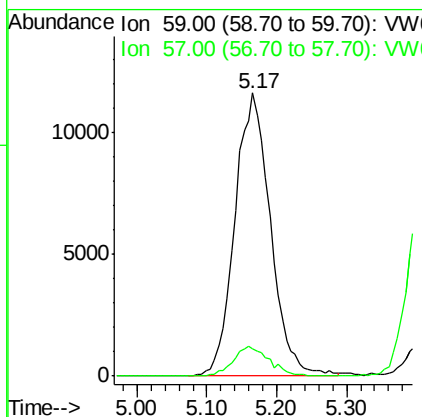
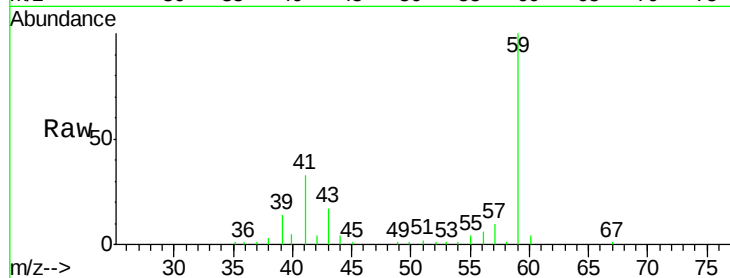
Tert butyl alcohol
 Concen: 259.223 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.0	13.6

Manual Integrations
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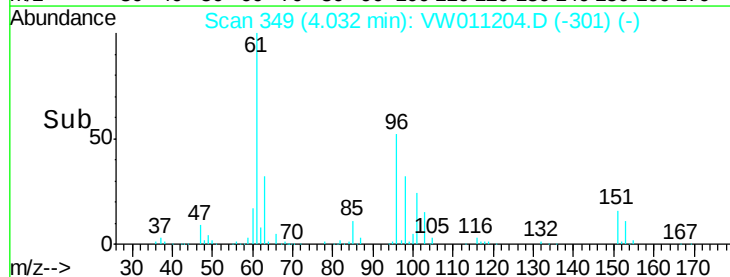
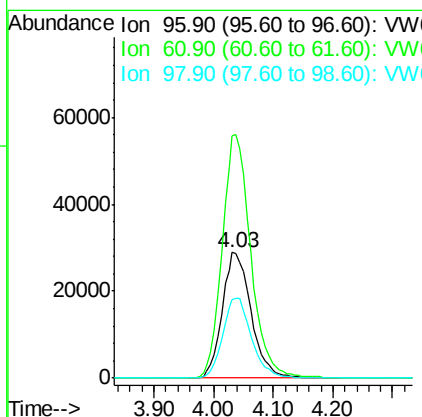
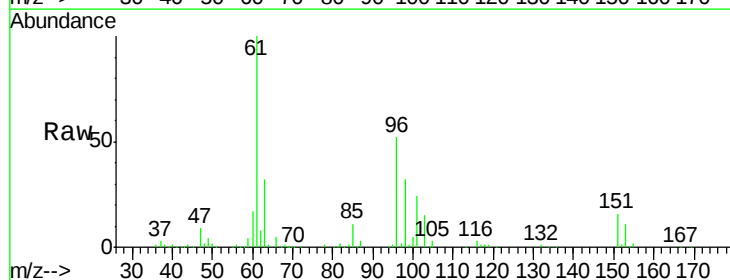
MMDadoda
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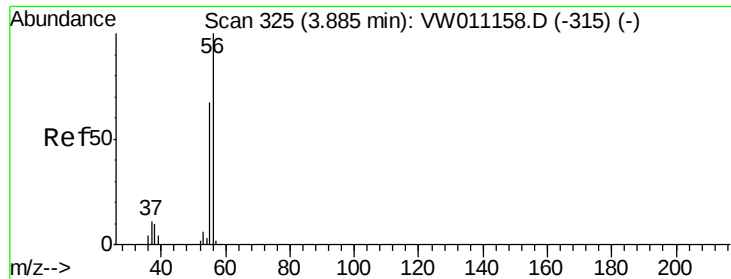


#12

1,1-Dichloroethene
 Concen: 51.559 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	193.5	157.7	236.5
98	62.7	50.9	76.3





#13

Acrolein

Concen: 78.722 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion: 56 Resp: 9919

Ion Ratio Lower Upper

56 100

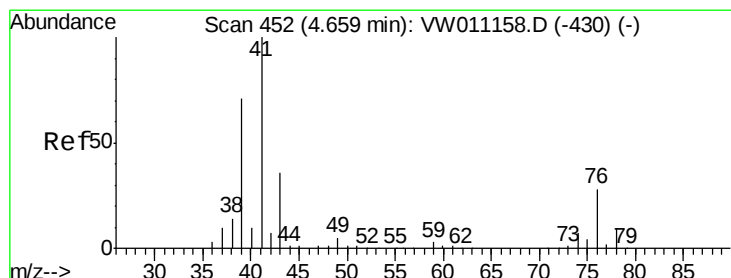
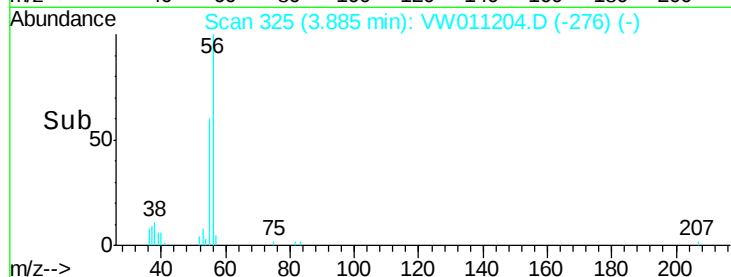
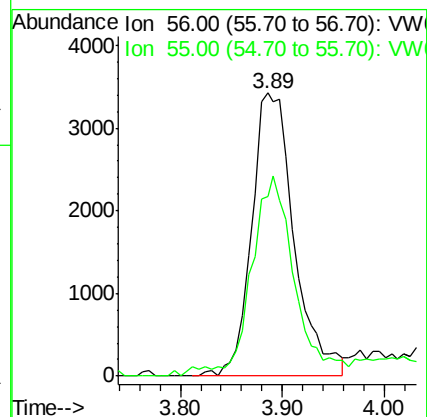
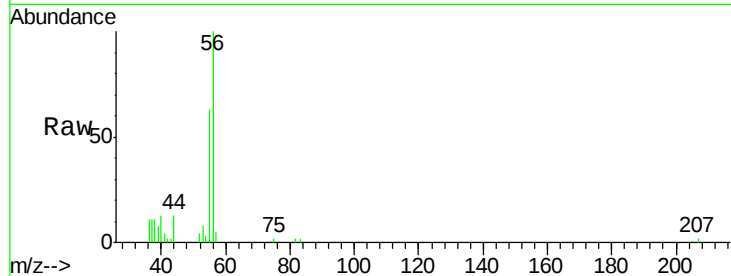
55 63.8 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 48.937 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

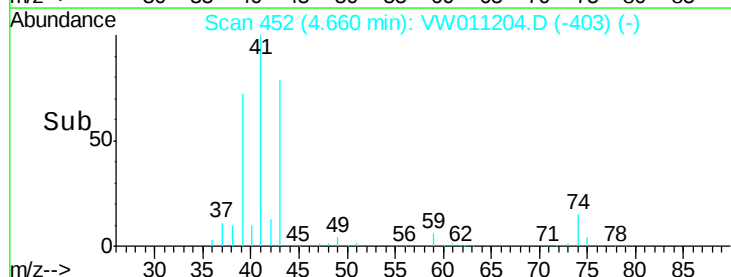
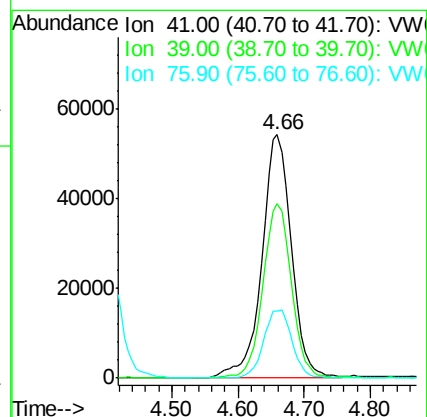
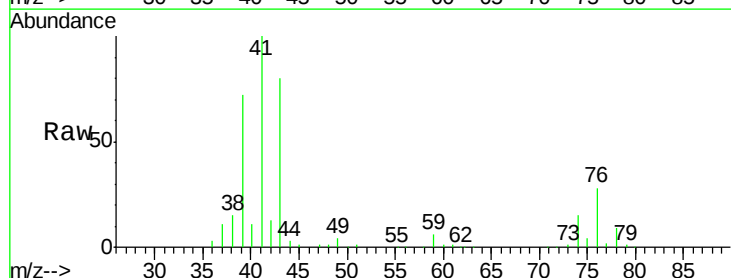
Tgt Ion: 41 Resp: 168619

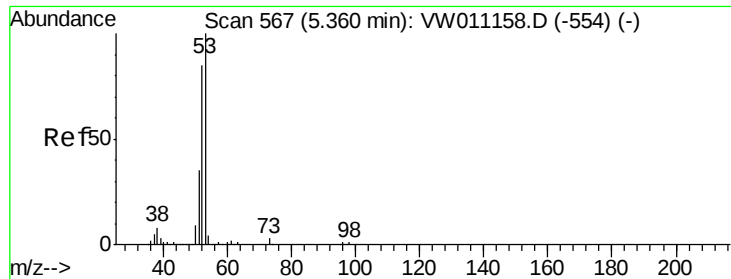
Ion Ratio Lower Upper

41 100

39 69.2 55.1 82.7

76 27.0 22.5 33.7





#15

Acrylonitrile

Concen: 259.139 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

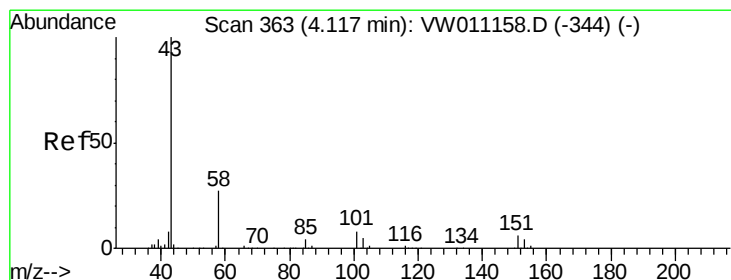
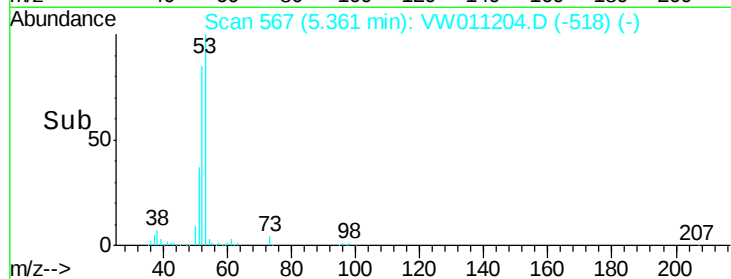
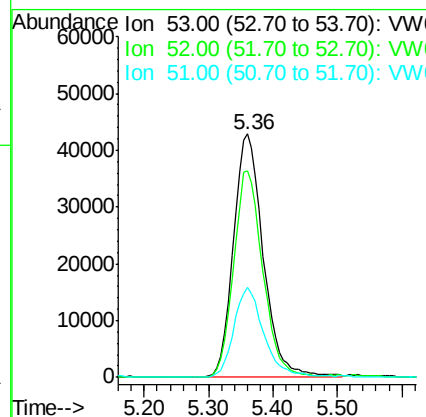
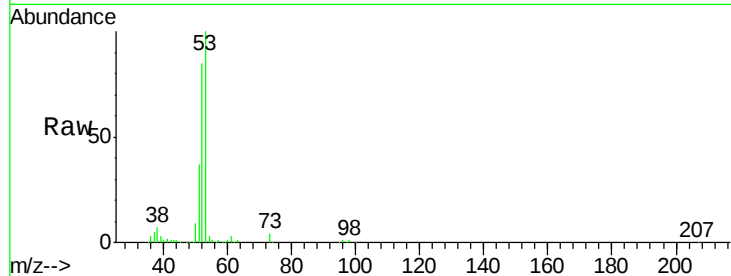
ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion:	53	Resp:	138790
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.2	99.4
51	36.8	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 299.116 ug/l

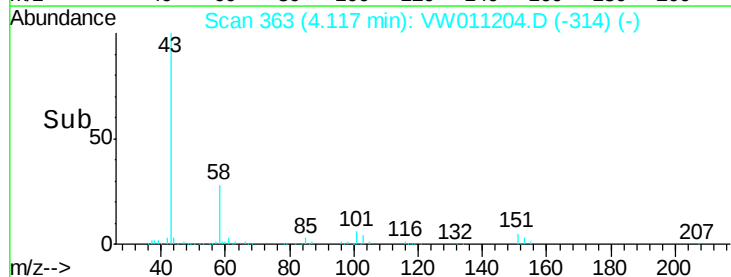
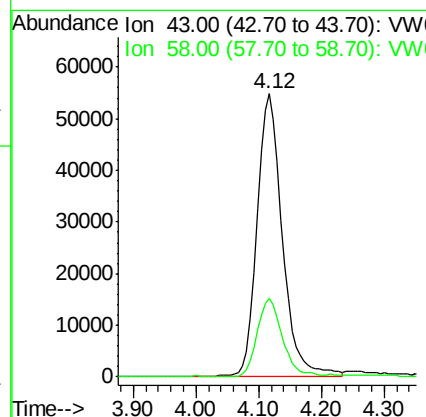
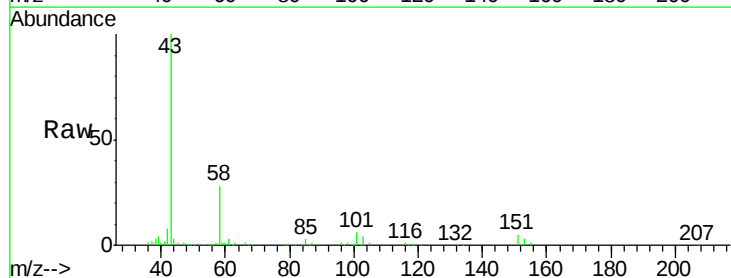
RT: 4.12 min Scan# 363

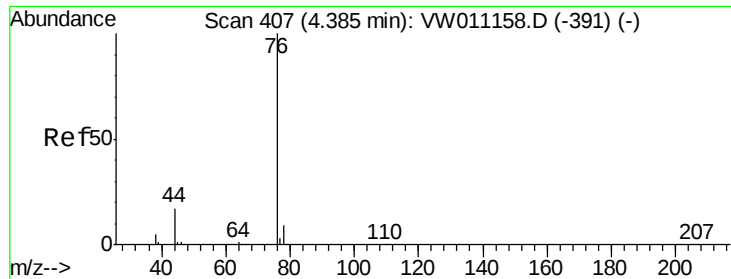
Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Tgt Ion:	43	Resp:	153819
Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.8	32.6





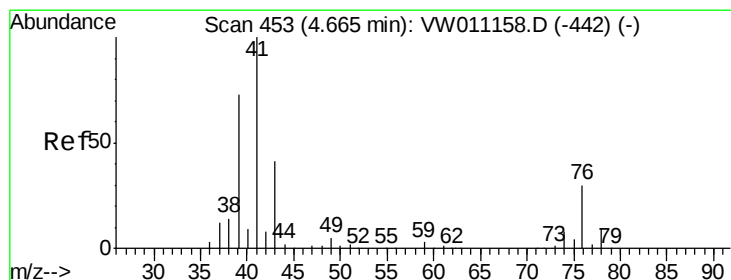
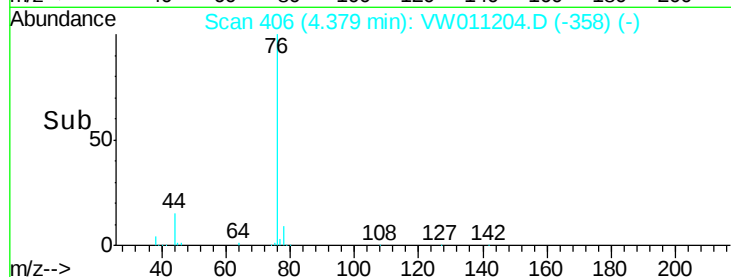
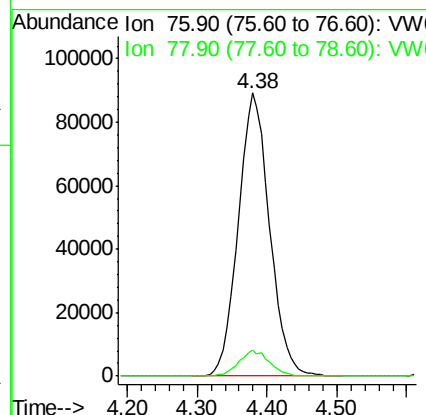
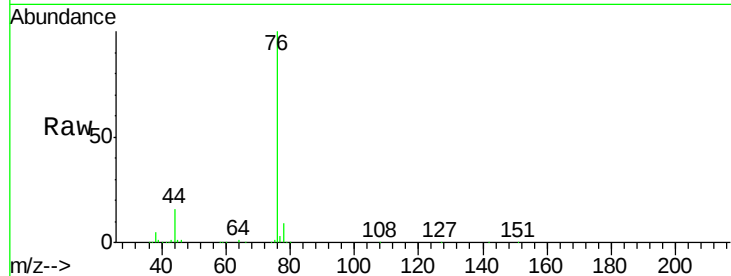
#17
Carbon Disulfide
Concen: 48.301 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

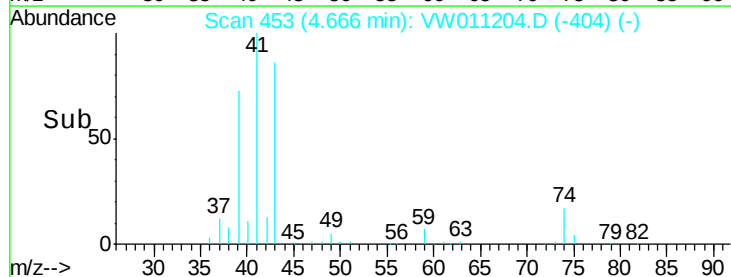
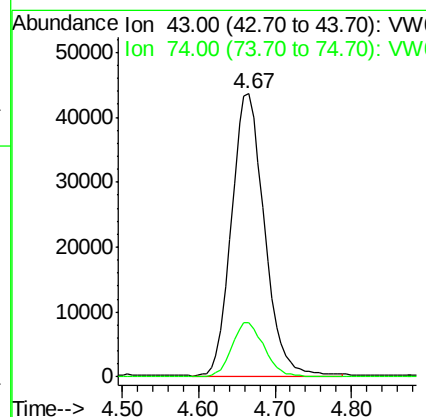
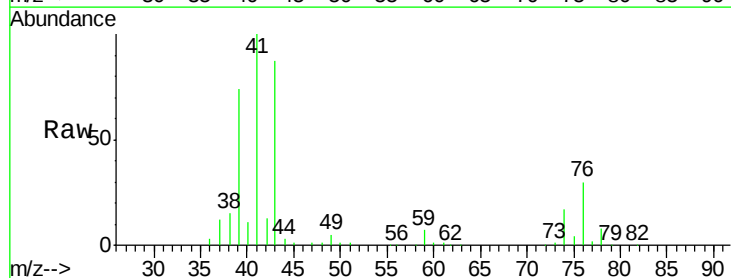
Manual Integrations
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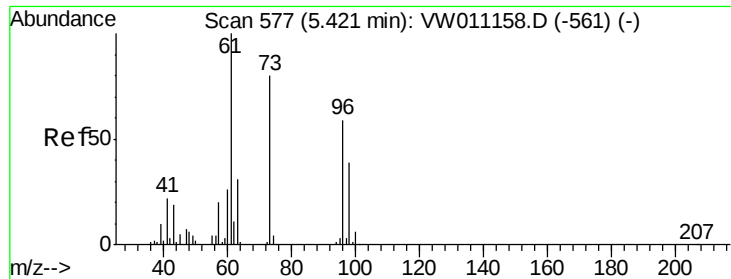
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#18
Methyl Acetate
Concen: 89.556 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.2	15.7	23.5





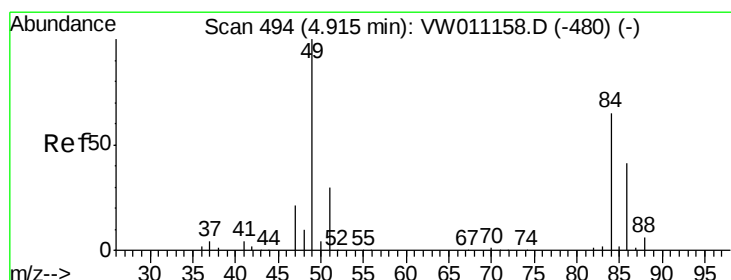
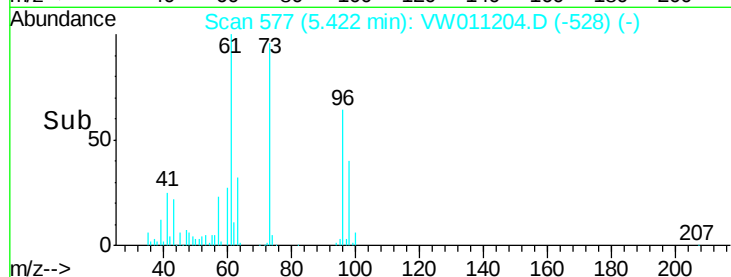
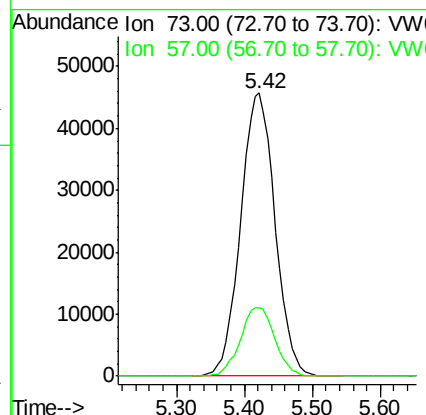
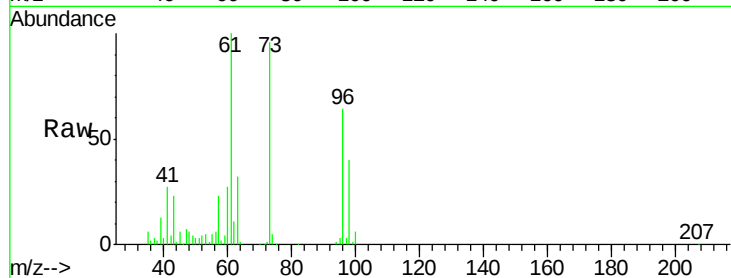
#19
Methyl tert-butyl Ether
Concen: 55.854 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.7	29.5

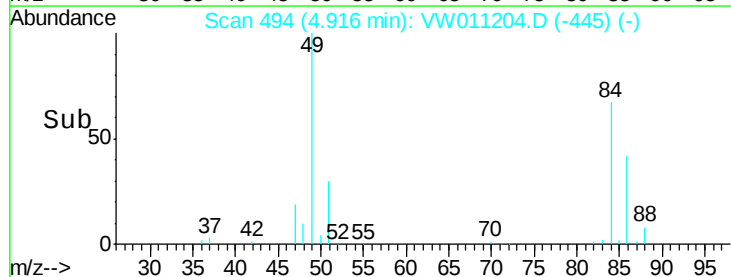
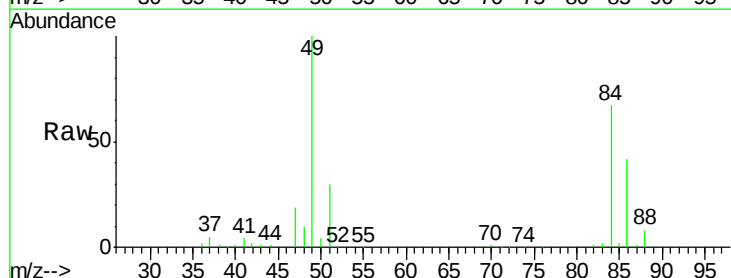
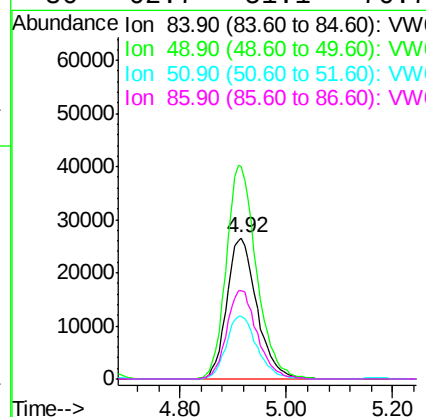
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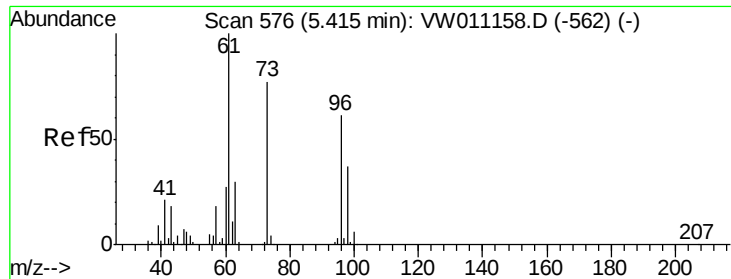
MMDadoda
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#20
Methylene Chloride
Concen: 51.801 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	150.4	123.8	185.6
51	44.5	37.4	56.2
86	62.7	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.680 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

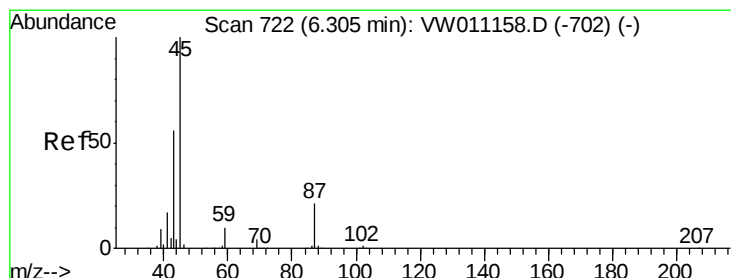
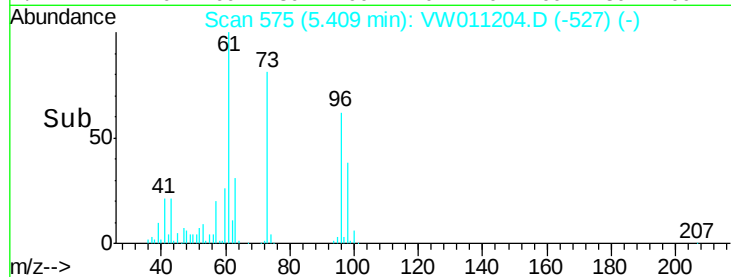
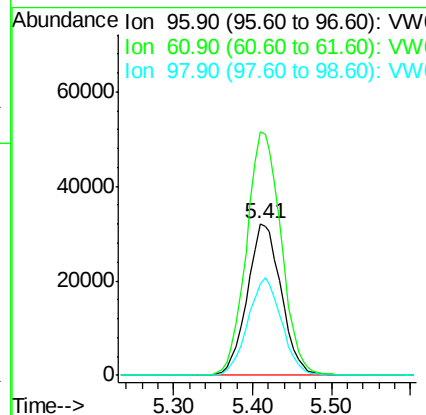
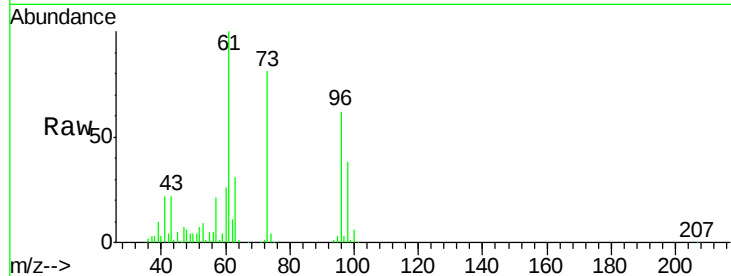
ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion:	96	Resp:	95579
Ion	Ratio	Lower	Upper
96	100		
61	160.5	132.2	198.2
98	60.5	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.968 ug/l

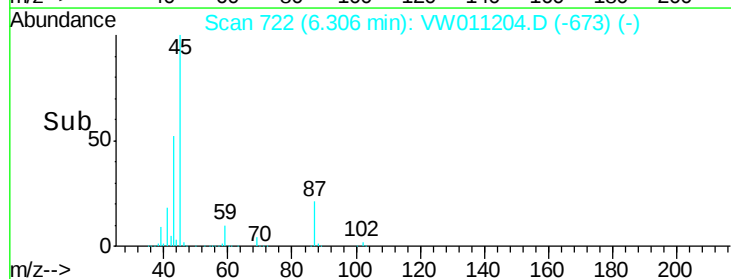
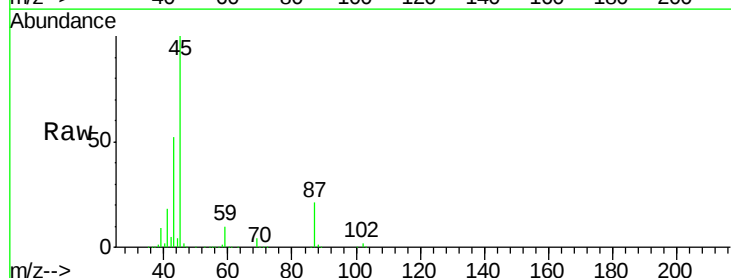
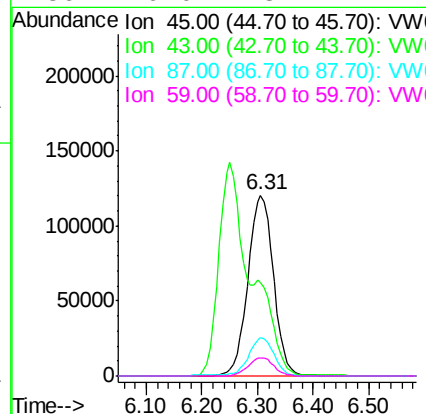
RT: 6.31 min Scan# 722

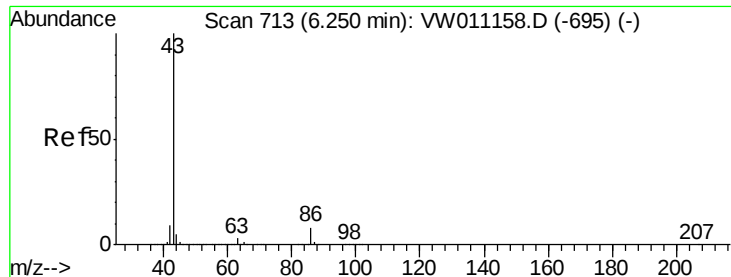
Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Tgt Ion:	45	Resp:	385135
Ion	Ratio	Lower	Upper
45	100		
43	51.7	44.6	66.8
87	20.9	17.3	25.9
59	10.0	8.2	12.2





#23

Vinyl Acetate

Concen: 96.211 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion: 43 Resp: 441265

Ion Ratio Lower Upper

43 100

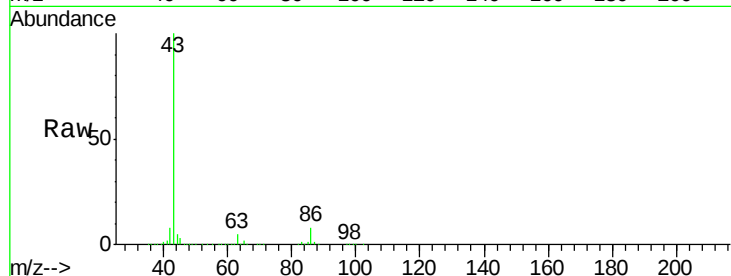
86 7.9 6.5 9.7

Manual Integrations

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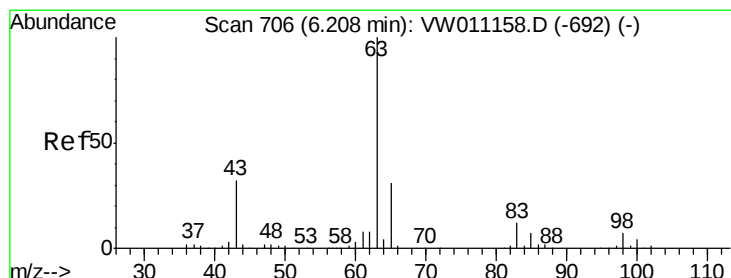
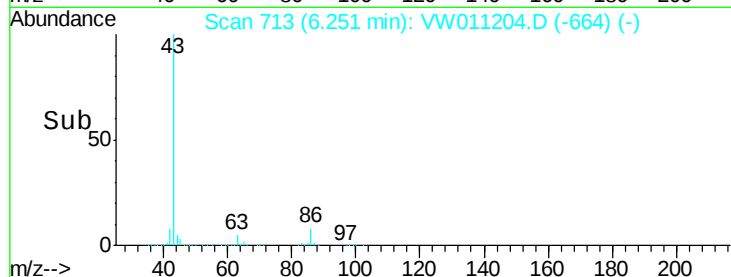
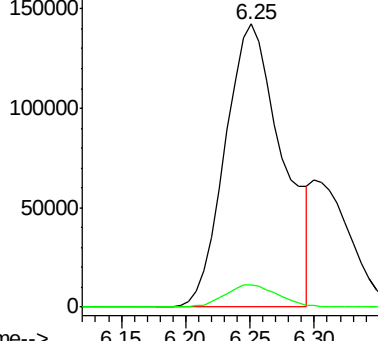
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.732 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

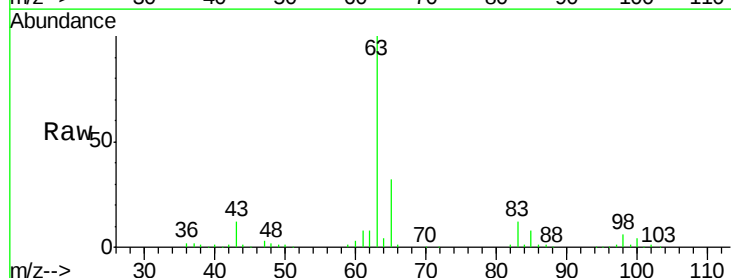
Tgt Ion: 63 Resp: 197426

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

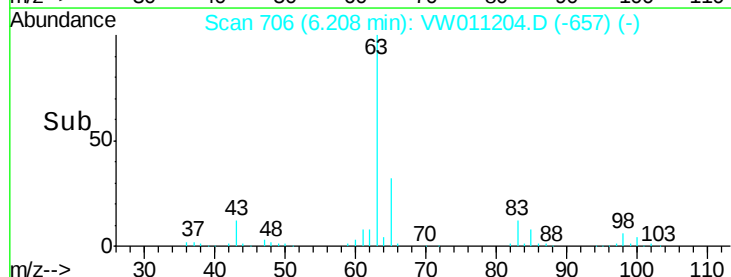
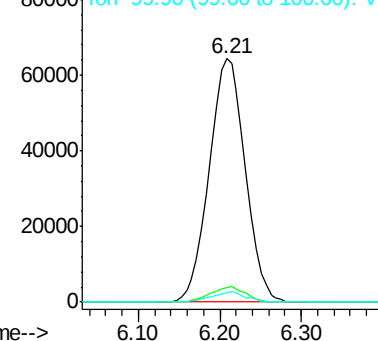
100 3.8 2.1 6.2

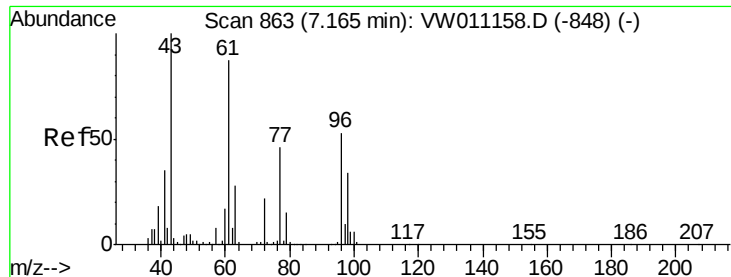


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 269.618 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion: 43 Resp: 217644

Ion Ratio Lower Upper

43 100

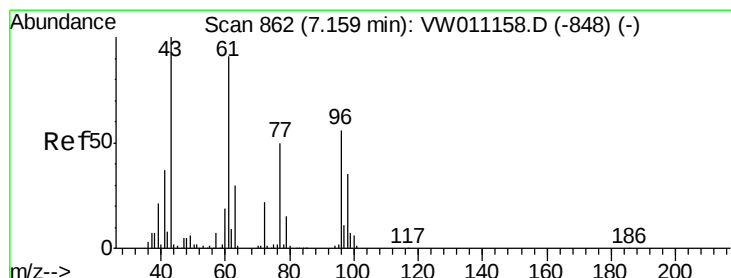
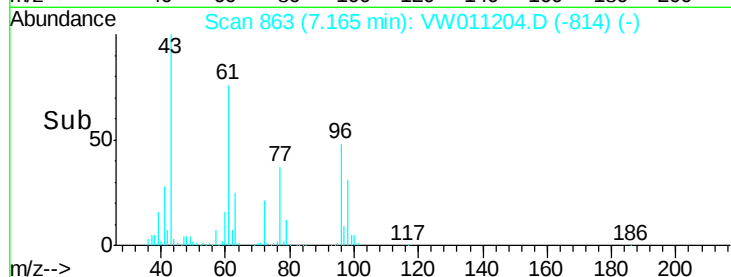
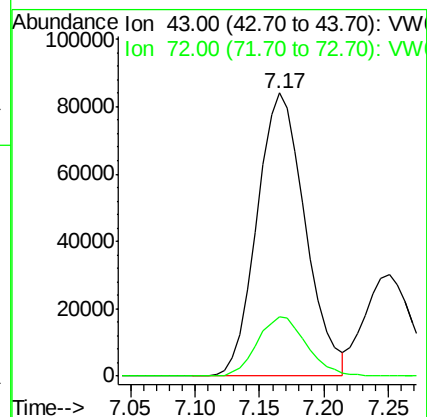
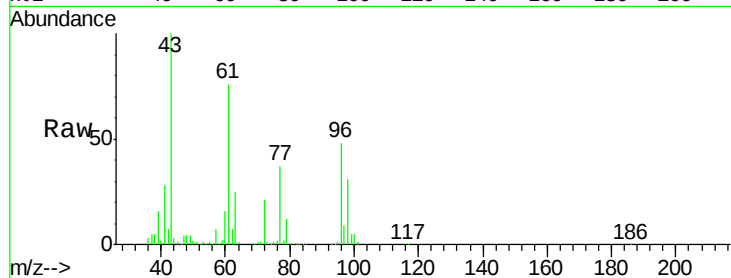
72 21.1 17.6 26.4

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#26

2,2-Dichloropropane

Concen: 44.721 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011204.D

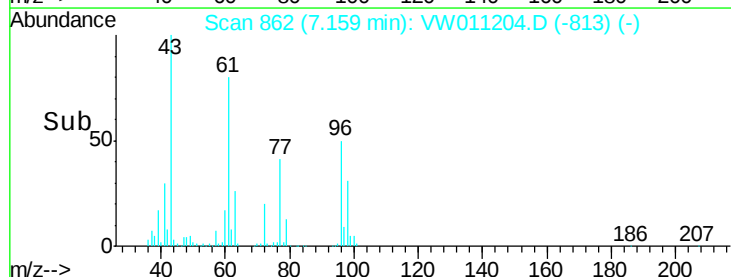
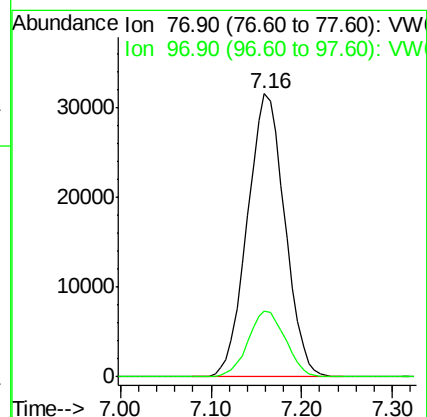
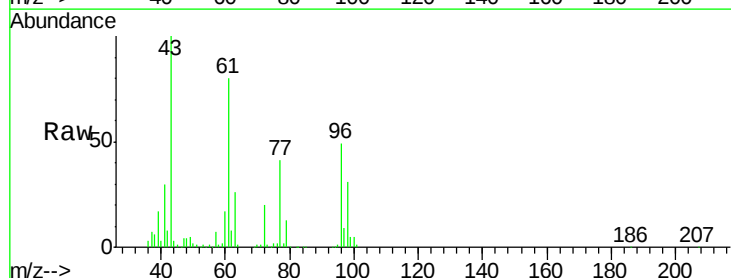
Acq: 10 Jul 2019 22:17

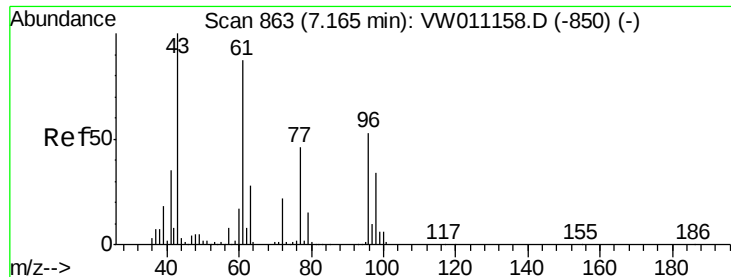
Tgt Ion: 77 Resp: 90466

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5





#27

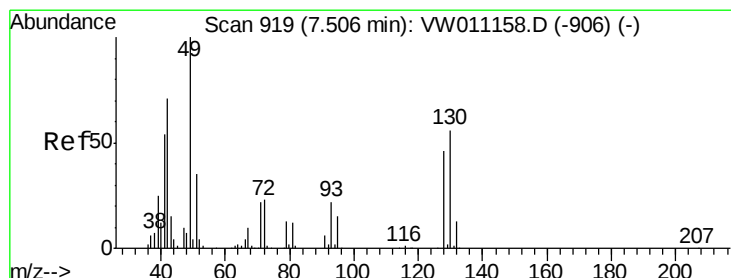
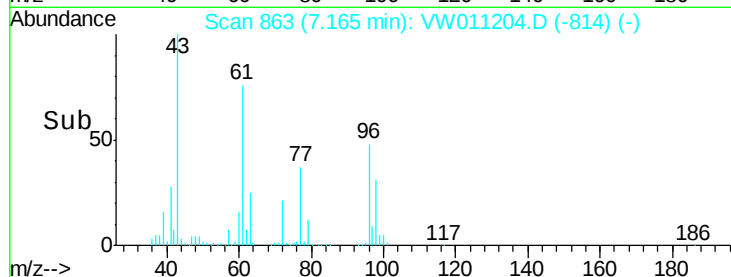
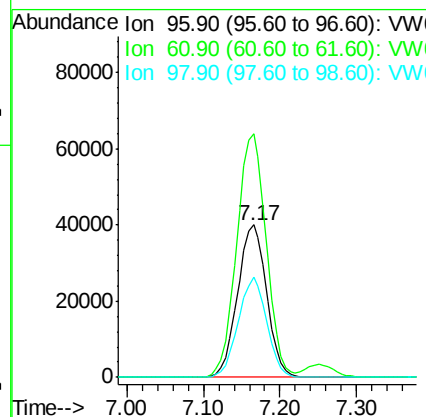
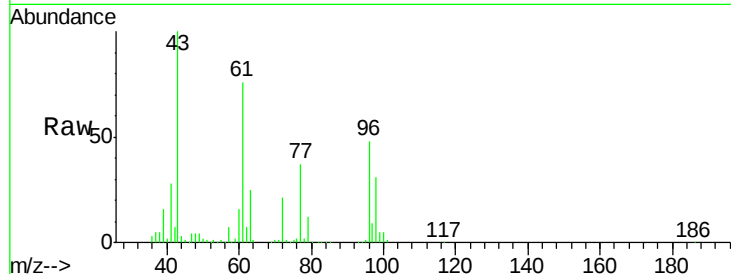
cis-1,2-Dichloroethene
Concen: 49.673 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.0	0.0	325.6
98	64.4	0.0	128.2

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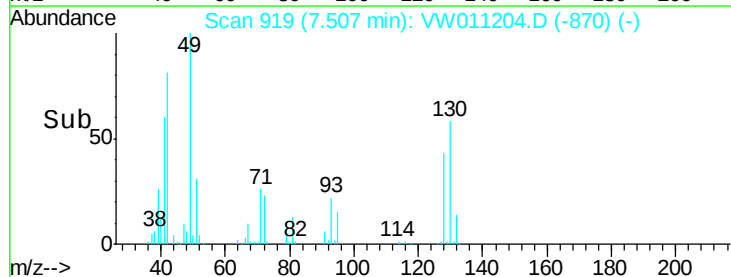
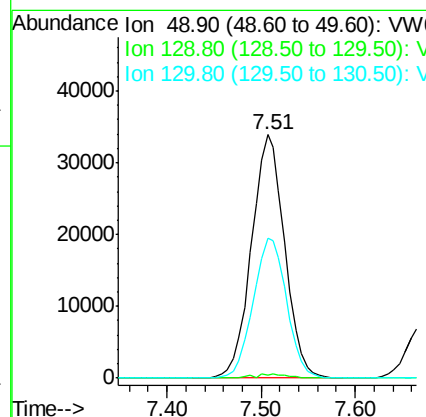
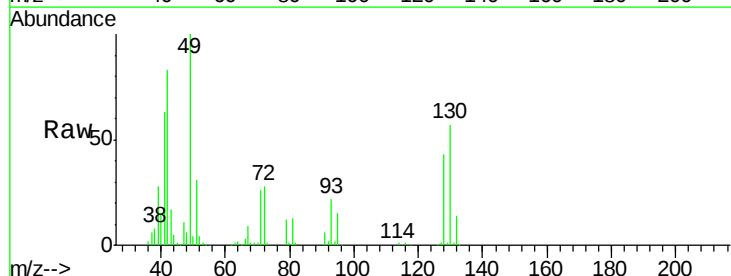
MMDadoda
7/11/2019 2:50:26 PM

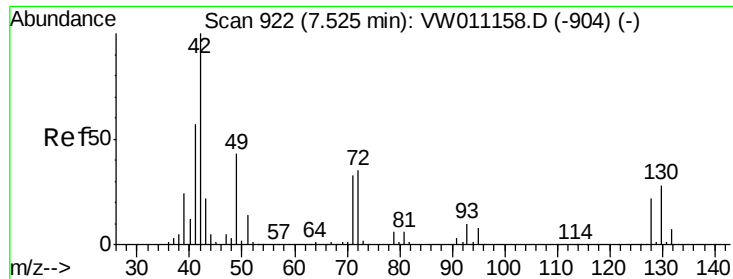


#28

Bromochloromethane
Concen: 47.263 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	1.4#
130	58.0	45.8	68.8





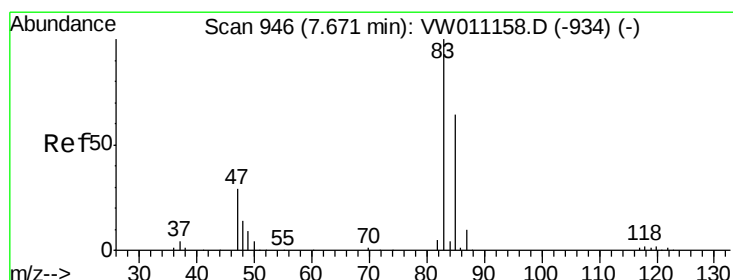
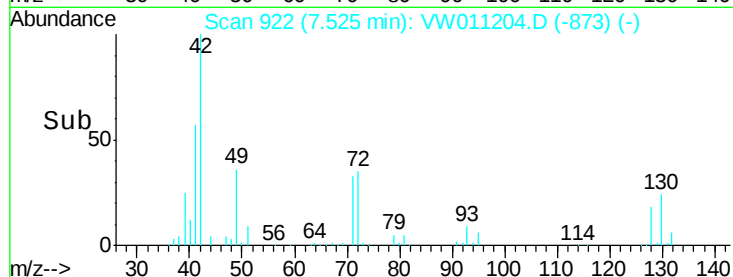
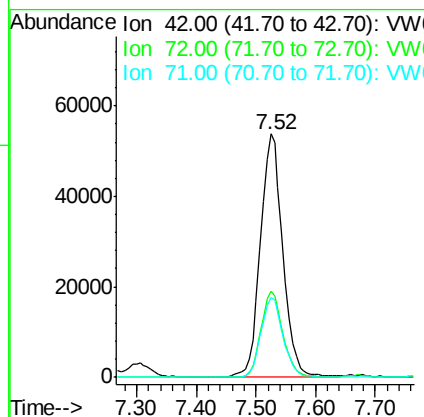
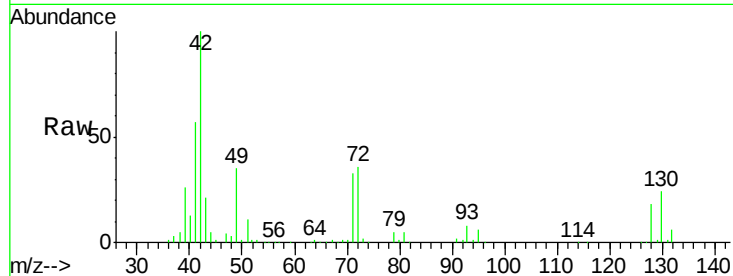
#29
Tetrahydrofuran
Concen: 263.656 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	34.5	27.4	41.2
71	32.5	25.9	38.9

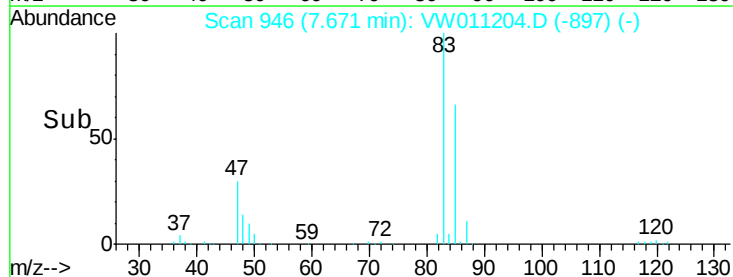
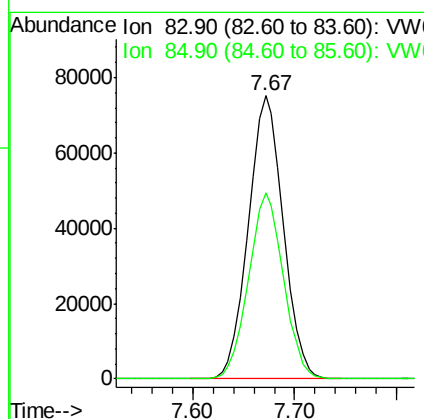
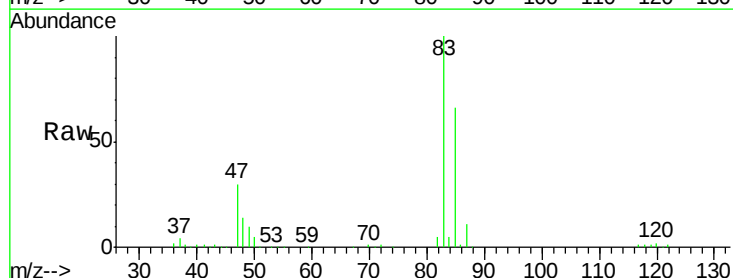
Manual Integrations
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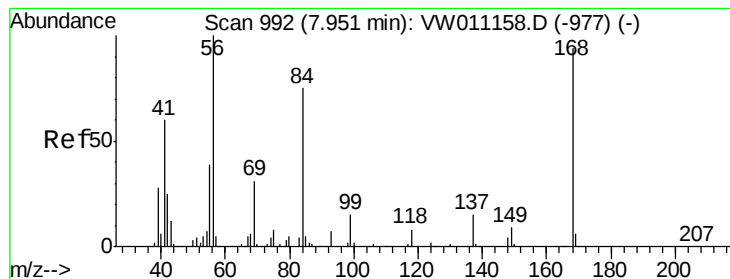
MMDadoda
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#30
Chloroform
Concen: 49.672 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	65.6	51.4	77.2





#31

Cyclohexane

Concen: 44.894 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

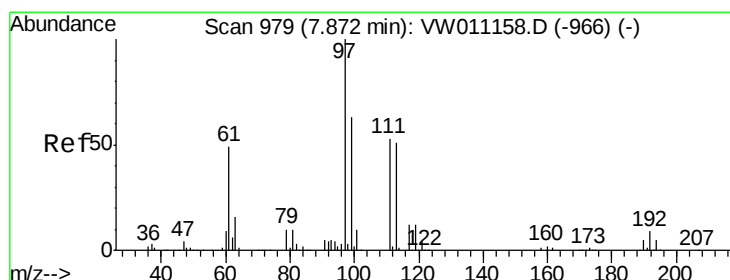
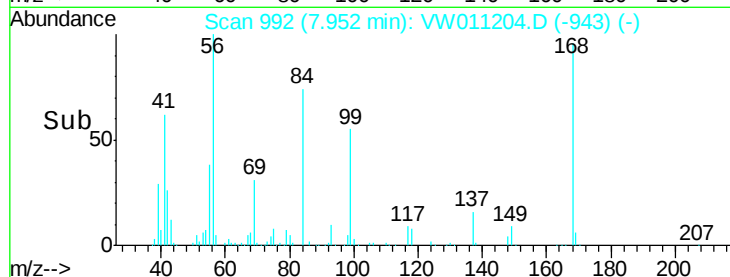
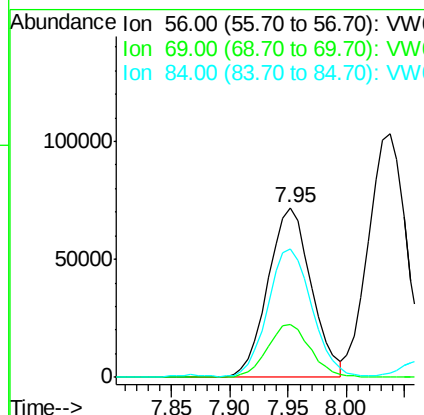
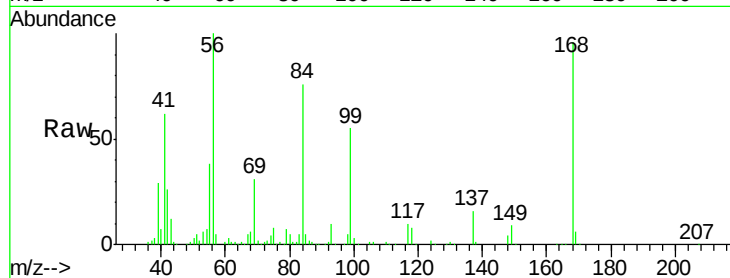
ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion:	56	Resp:	185864
Ion Ratio	Lower	Upper	
56	100		
69	31.2	24.6	36.8
84	74.3	60.1	90.1

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#32

1,1,1-Trichloroethane

Concen: 49.033 ug/l

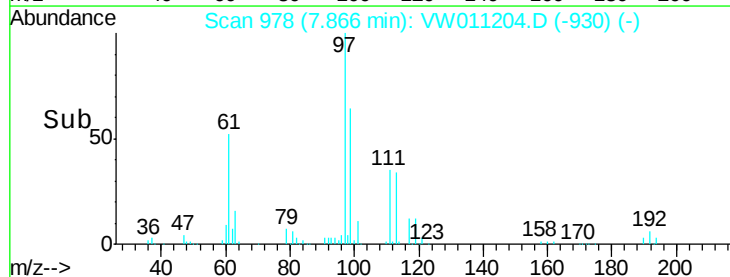
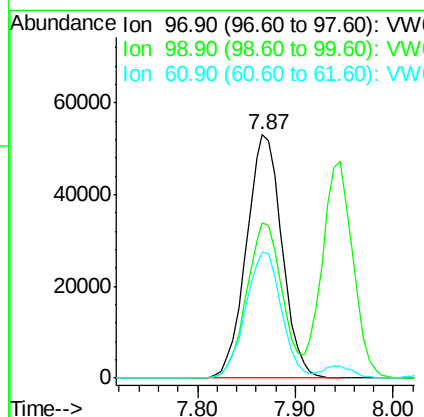
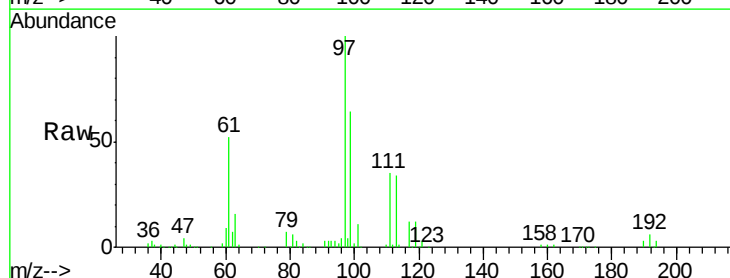
RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Tgt Ion:	97	Resp:	134426
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.0	76.4
61	52.0	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 39.157 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion: 65 Resp: 83687

Ion Ratio Lower Upper

65 100

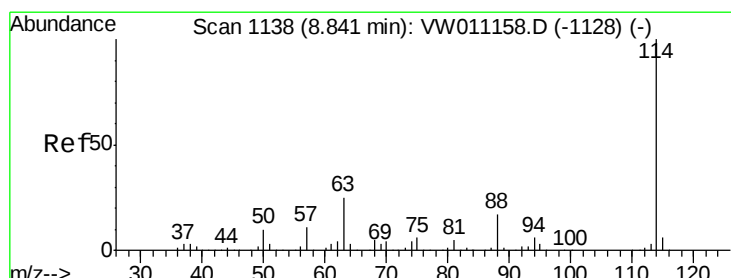
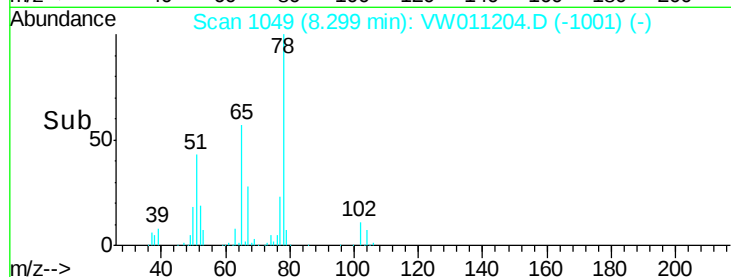
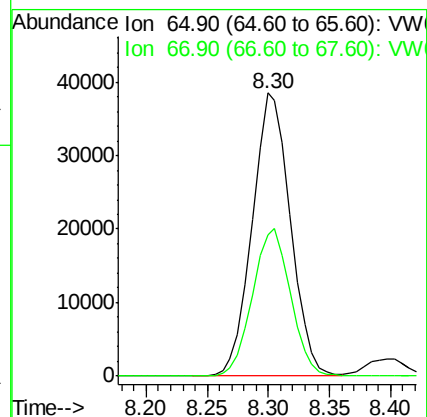
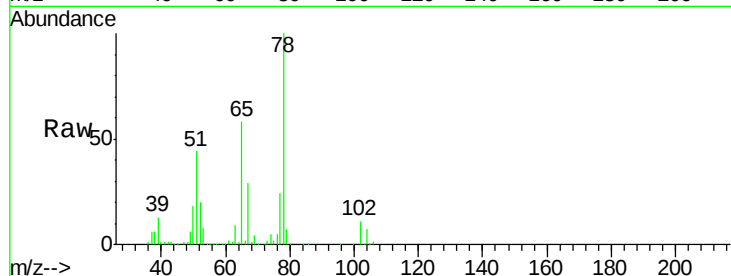
67 51.9 0.0 104.4

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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: VW011204.D

Acq: 10 Jul 2019 22:17

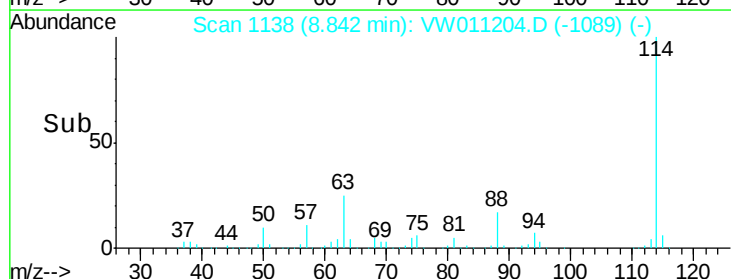
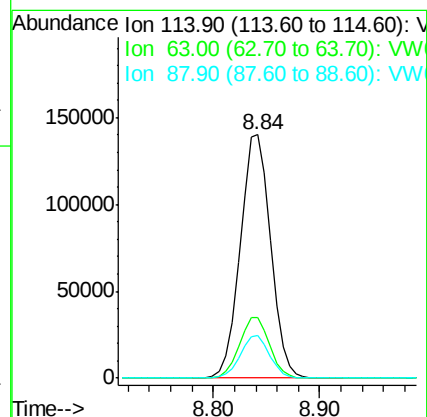
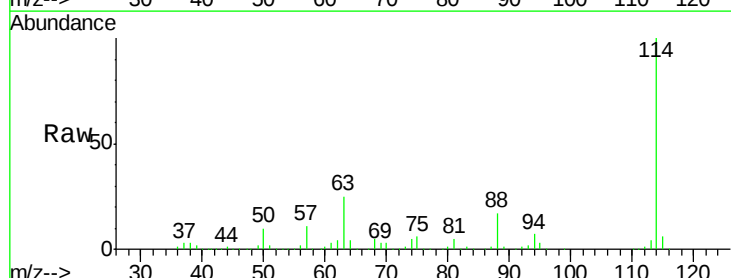
Tgt Ion: 114 Resp: 281246

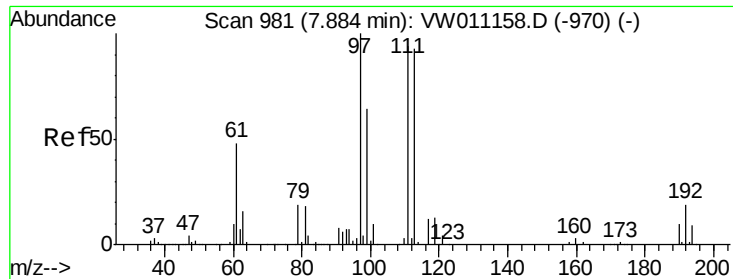
Ion Ratio Lower Upper

114 100

63 25.0 0.0 50.8

88 17.3 0.0 34.2





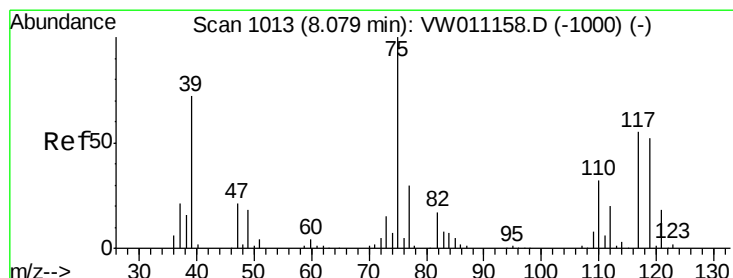
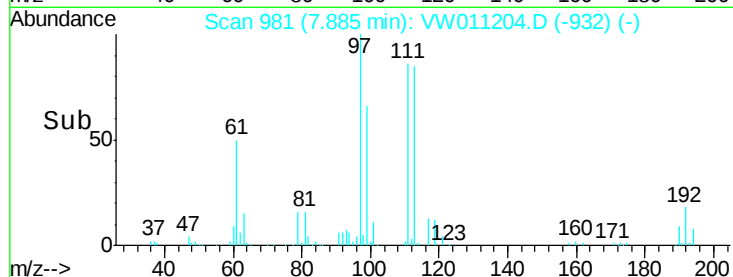
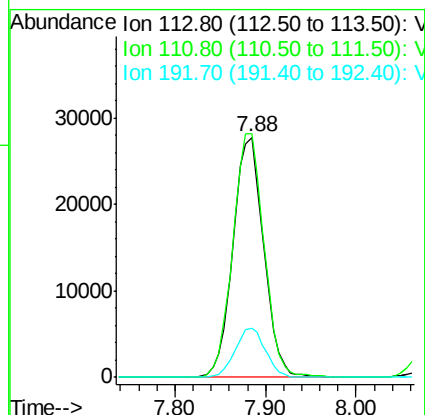
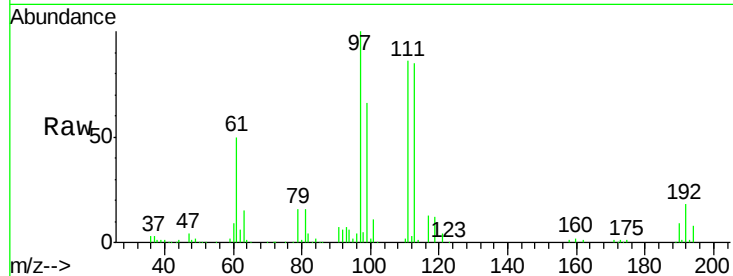
#35
Dibromofluoromethane
Concen: 39.197 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion:113 Resp: 65708
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 20.1 15.8 23.8

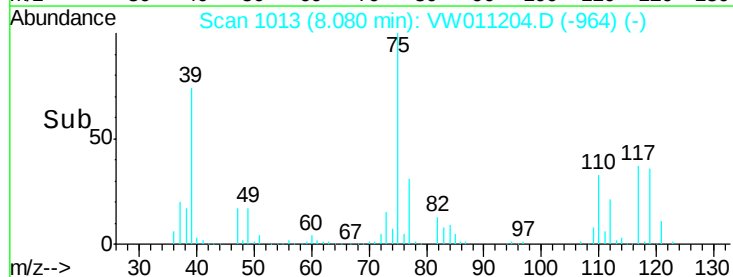
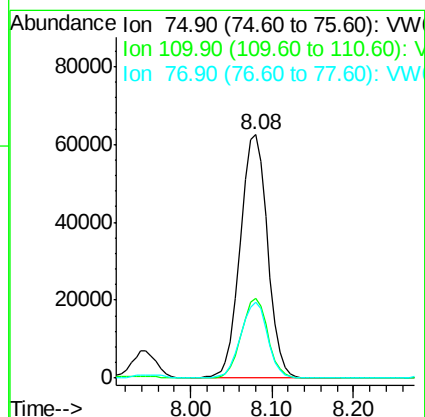
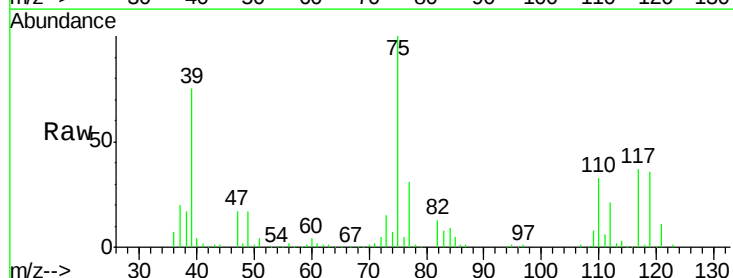
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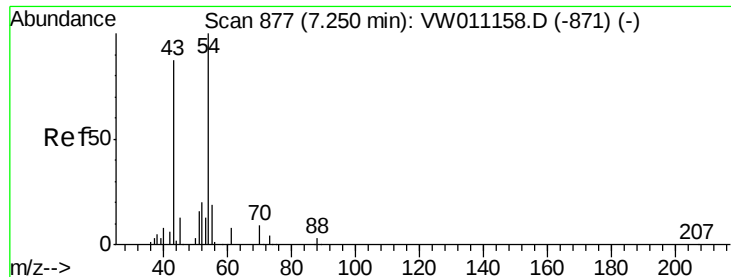
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#36
1,1-Dichloropropene
Concen: 48.357 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion: 75 Resp: 144828
Ion Ratio Lower Upper
75 100
110 31.8 15.9 47.6
77 30.8 24.6 36.8





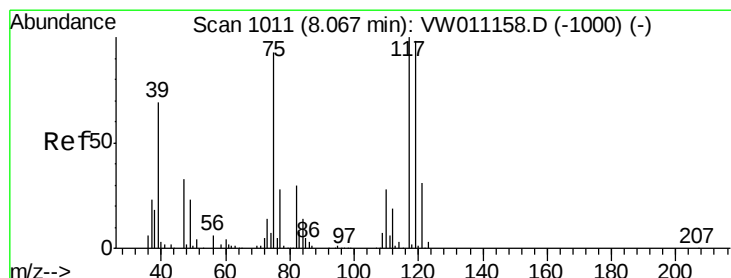
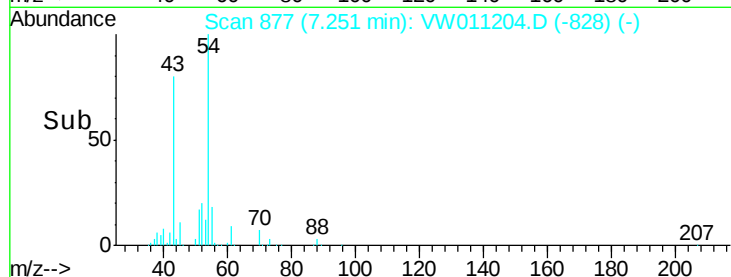
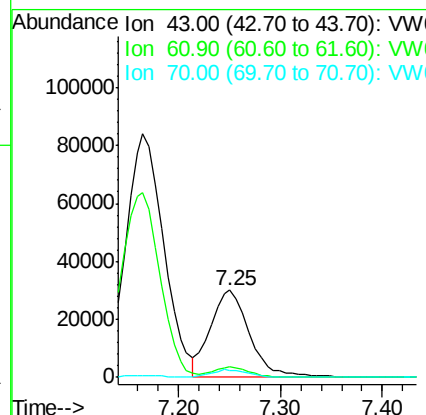
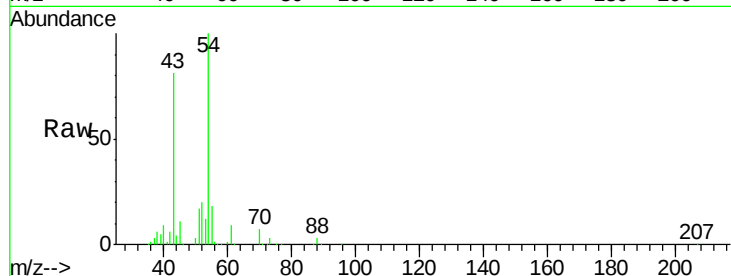
#37
Ethyl Acetate
Concen: 43.833 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.5	14.3
70	8.7	7.1	10.7

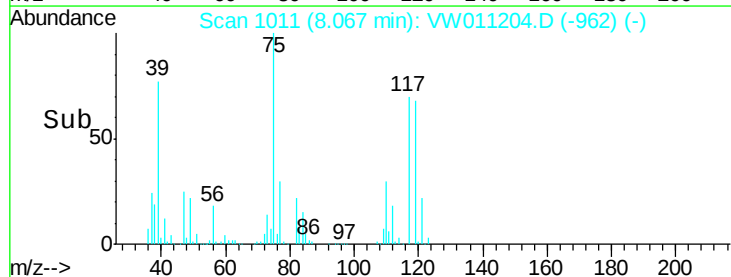
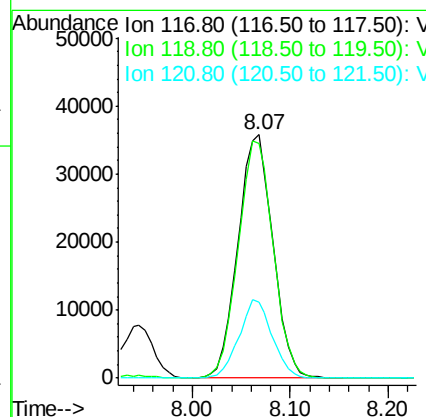
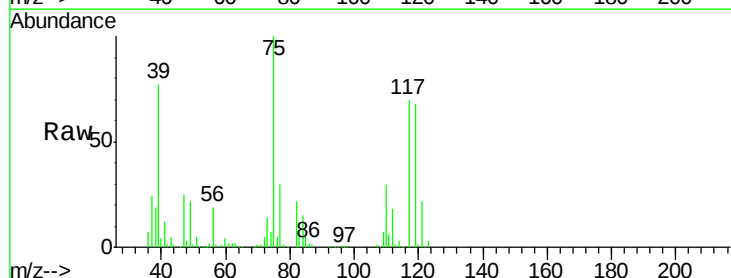
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#38
Carbon Tetrachloride
Concen: 34.976 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.1	117.1
121	31.4	25.1	37.7





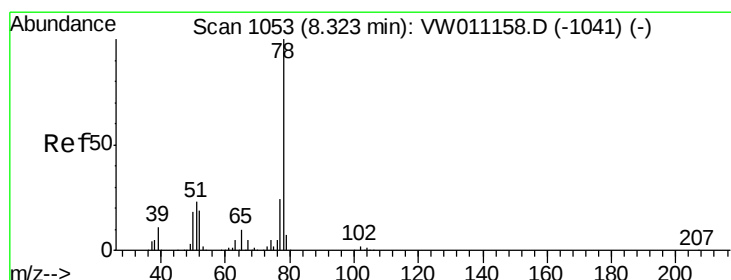
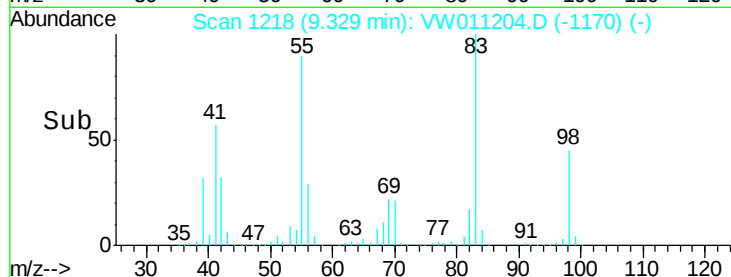
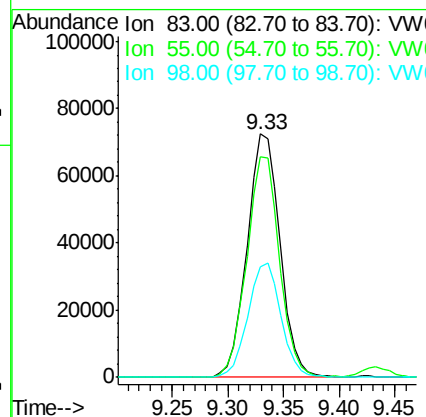
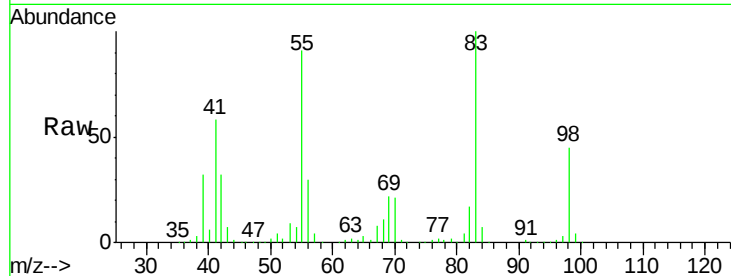
#39
Methvlcvclohexane
Concen: 41.164 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.6	71.2	106.8
98	45.5	37.5	56.3

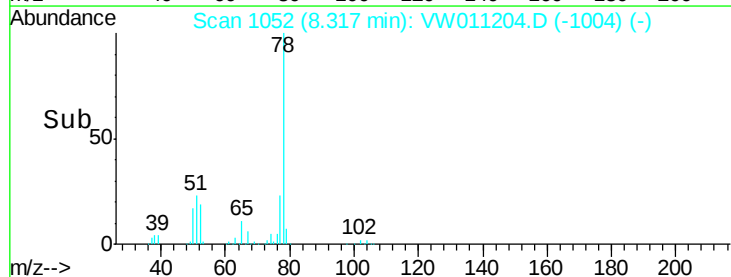
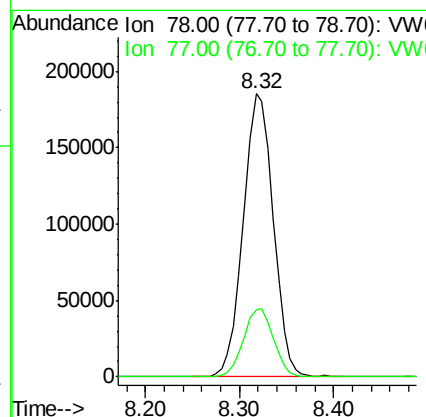
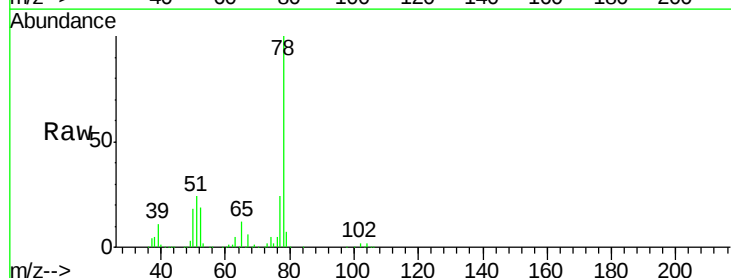
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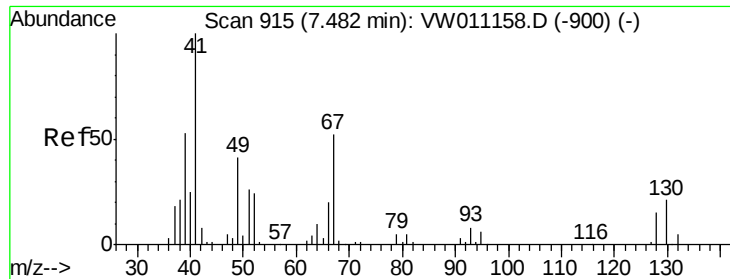
MMDadoda
7/11/2019 2:50:26 PM



#40
Benzene
Concen: 49.752 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





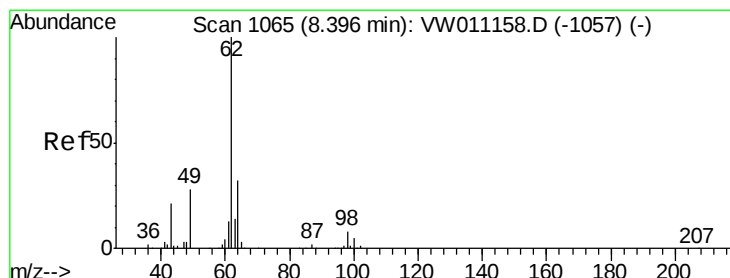
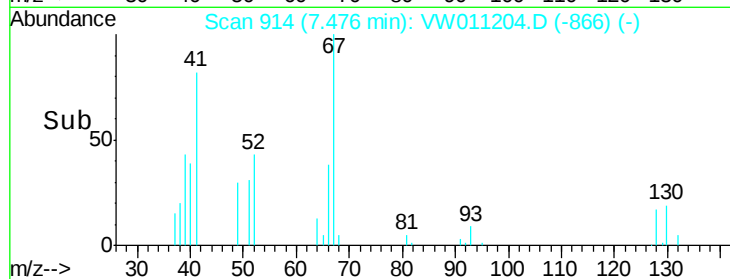
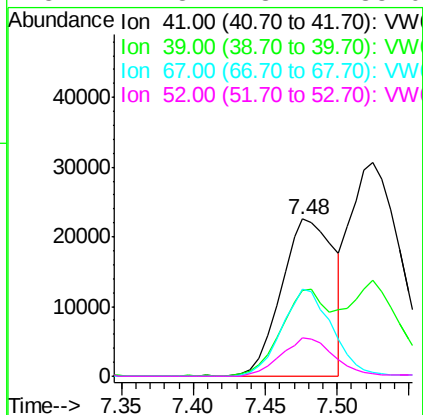
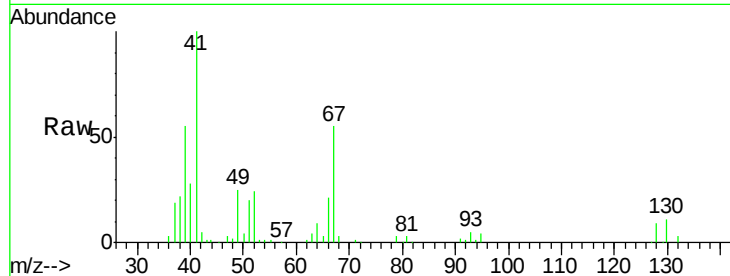
#41
Methacrylonitrile
Concen: 56.143 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	47.5	48.0	72.0#
67	53.0	49.7	74.5
52	24.8	23.4	35.0

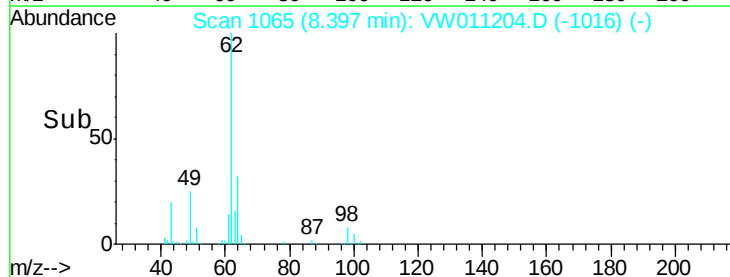
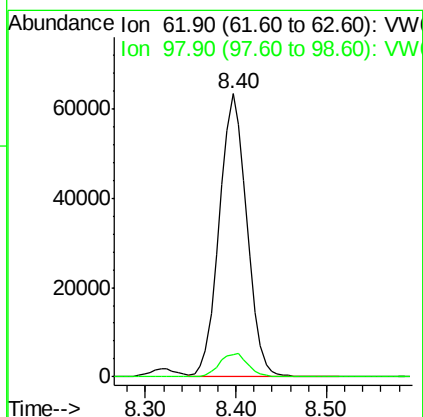
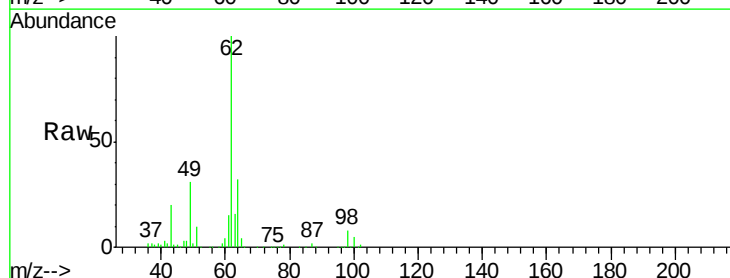
Manual Integrations
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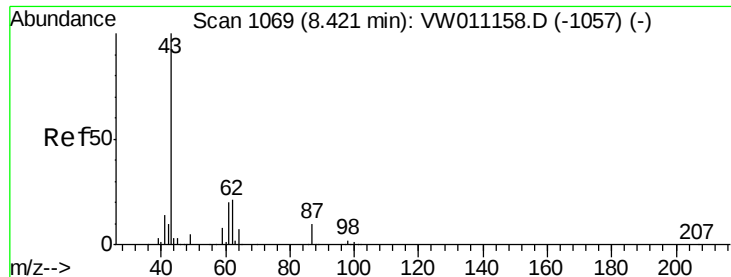
MMDadoda
7/11/2019 2:50:26 PM



#42
1,2-Dichloroethane
Concen: 49.990 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8





#43

Isopropyl Acetate

Concen: 46.128 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

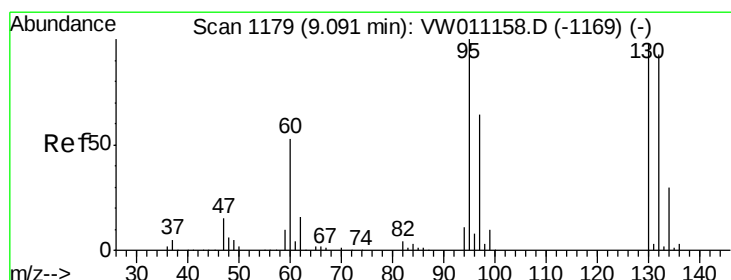
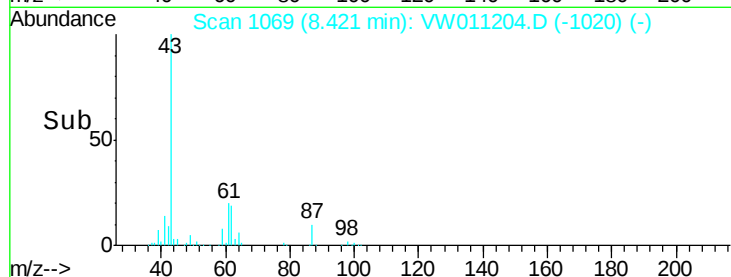
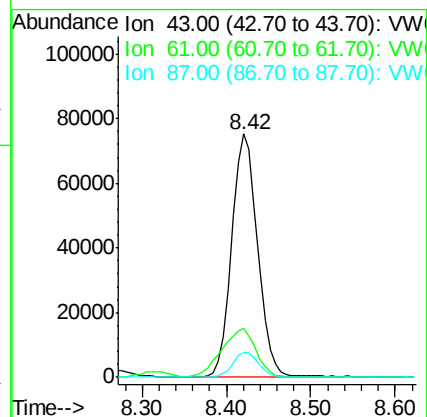
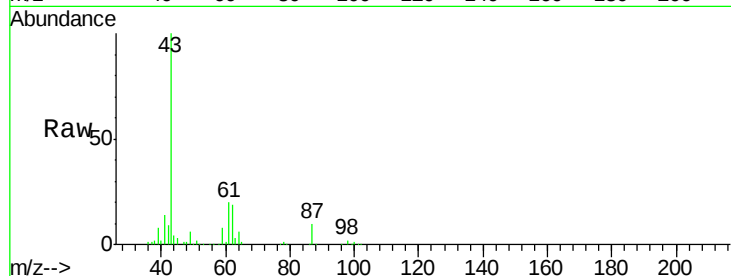
ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion:	43	Resp:	156716
Ion	Ratio	Lower	Upper
43	100		
61	27.0	20.7	31.1
87	10.5	8.1	12.1

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#44

Trichloroethene

Concen: 53.681 ug/l

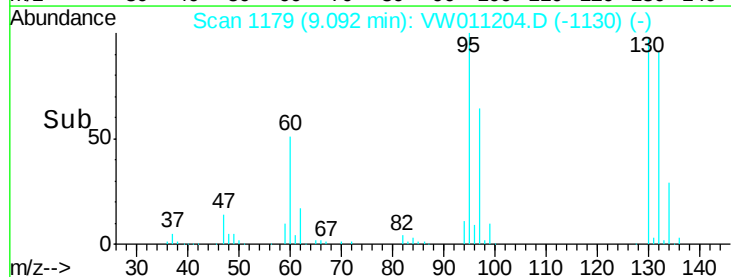
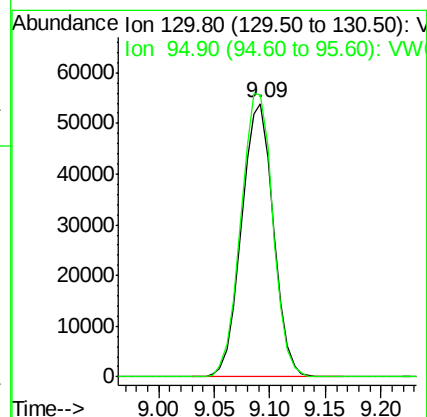
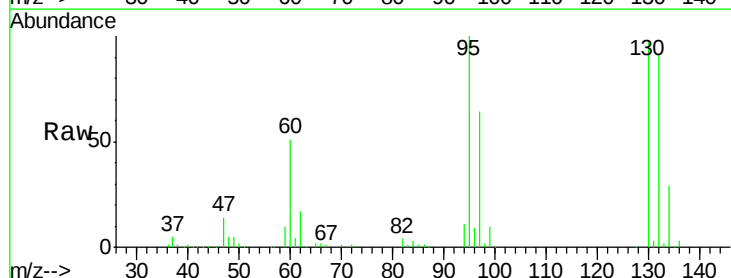
RT: 9.09 min Scan# 1179

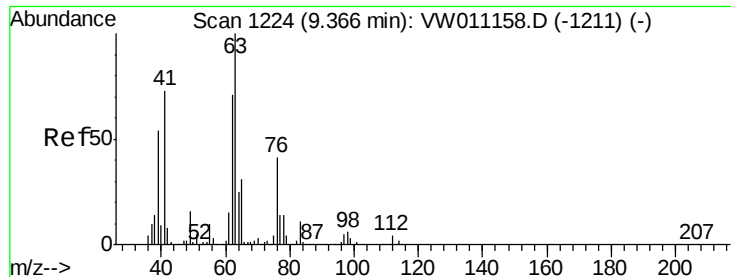
Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Tgt Ion:	130	Resp:	106921
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	203.6





#45

1,2-Dichloropropane

Concen: 49.786 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion: 63 Resp: 111591

Ion Ratio Lower Upper

63 100

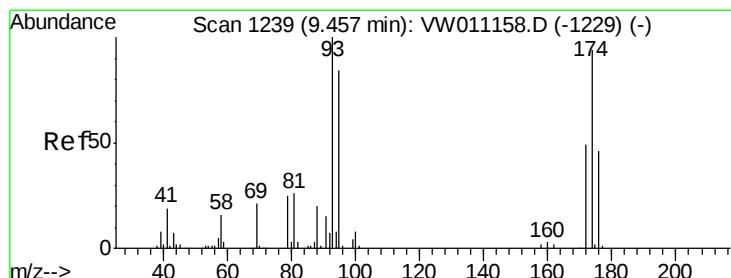
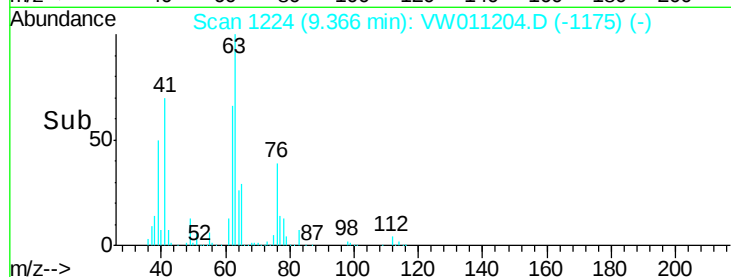
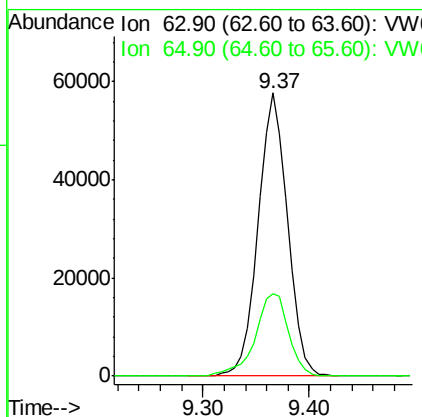
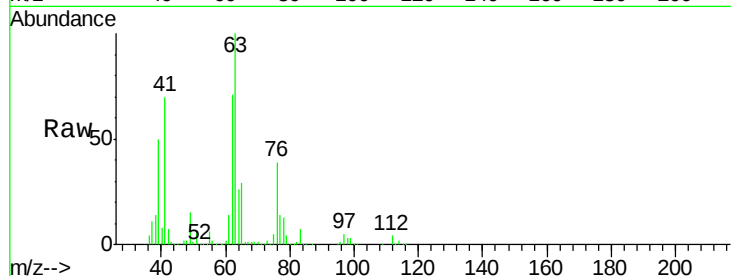
65 29.1 24.4 36.6

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#46

Dibromomethane

Concen: 49.770 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

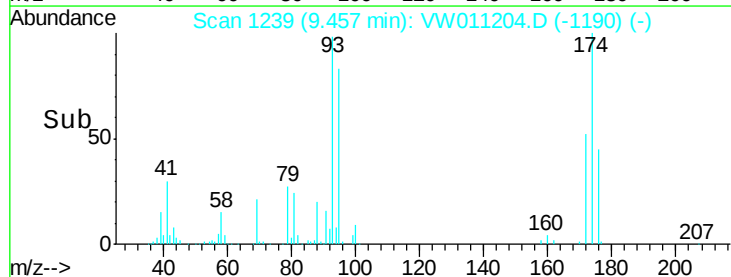
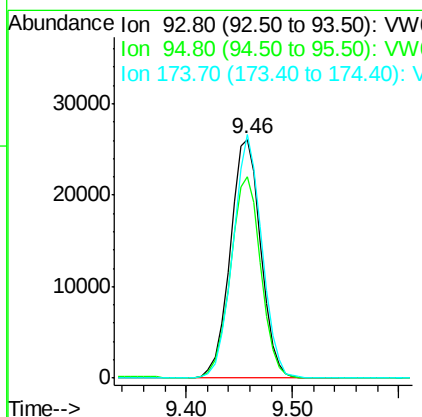
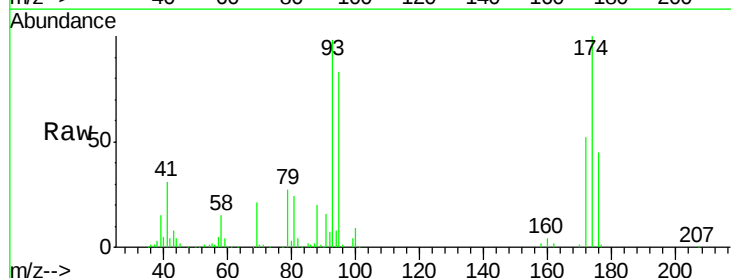
Tgt Ion: 93 Resp: 52402

Ion Ratio Lower Upper

93 100

95 83.8 67.2 100.8

174 96.7 76.3 114.5





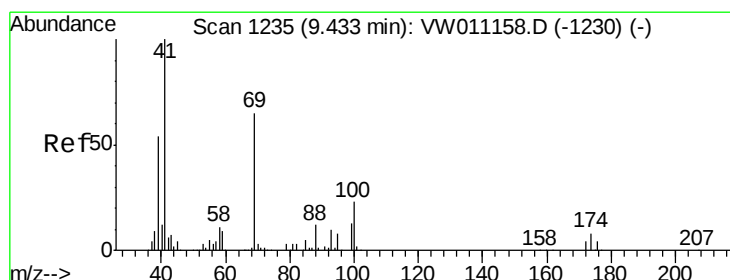
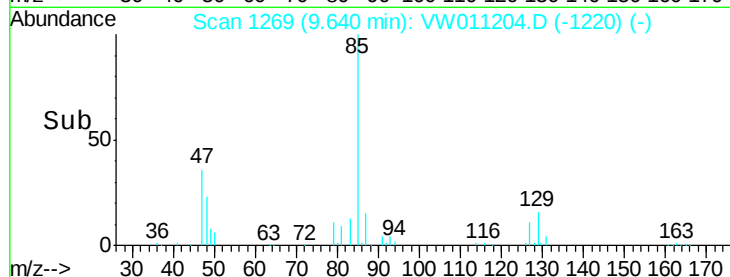
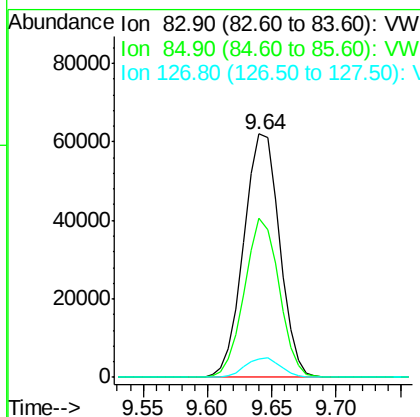
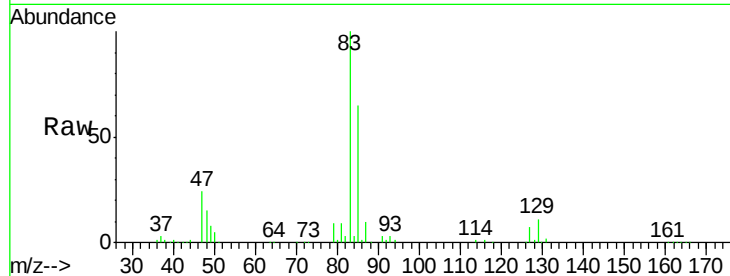
#47
Bromodichloromethane
Concen: 44.377 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	119553		
85	65.4		51.0	76.4
127	7.3		6.0	9.0

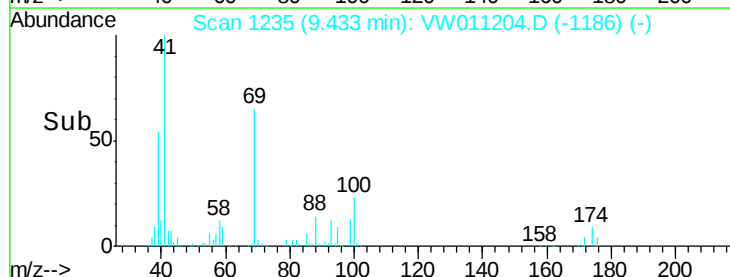
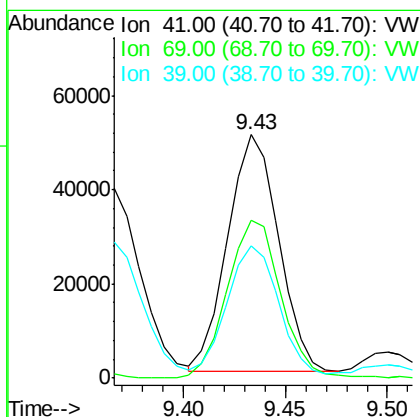
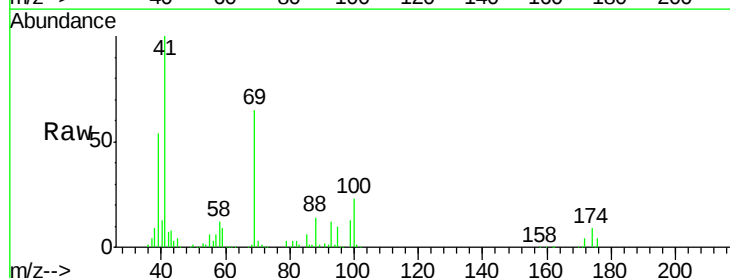
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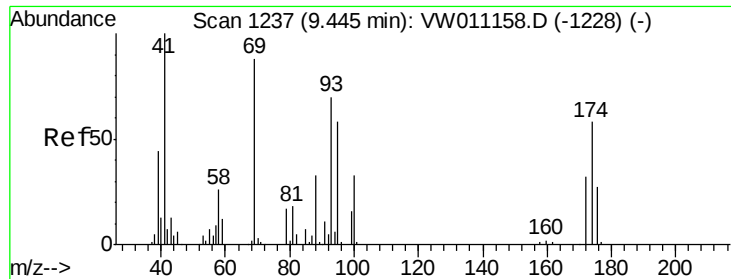
MMDadoda
7/11/2019 2:50:26 PM



#48
Methyl methacrylate
Concen: 52.875 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	86423		
69	70.5		56.0	84.0
39	58.0		43.5	65.3





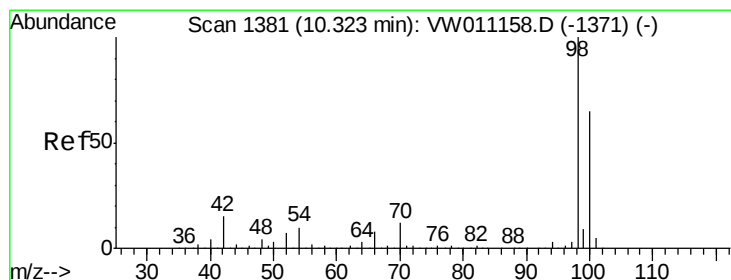
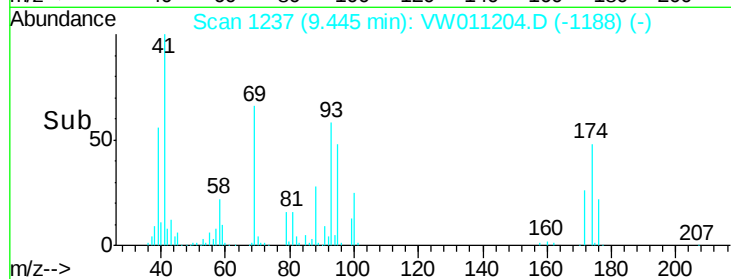
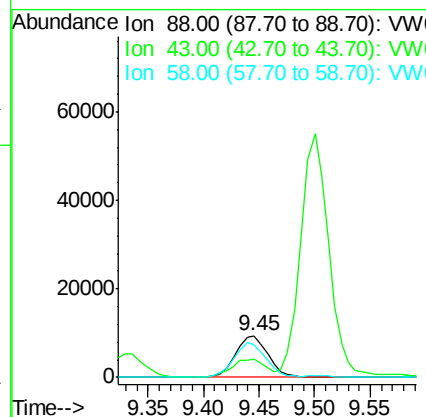
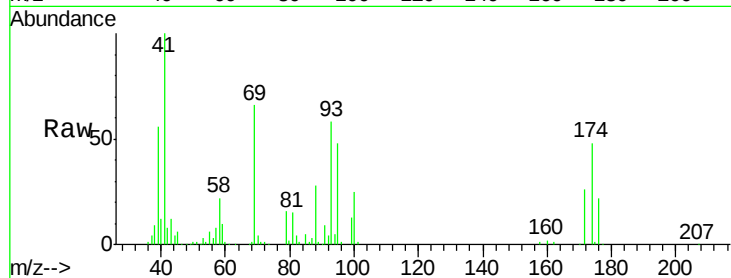
#49
 1,4-Dioxane
 Concen: 1088.670 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.0	33.4	50.0
58	81.7	64.5	96.7

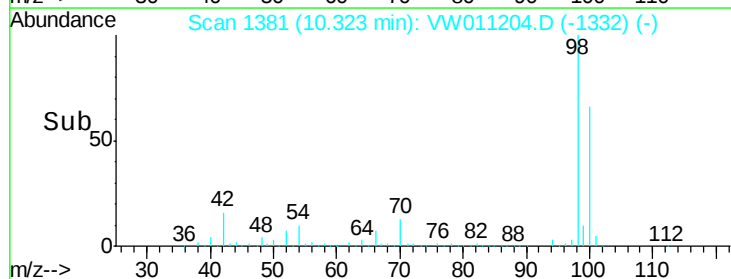
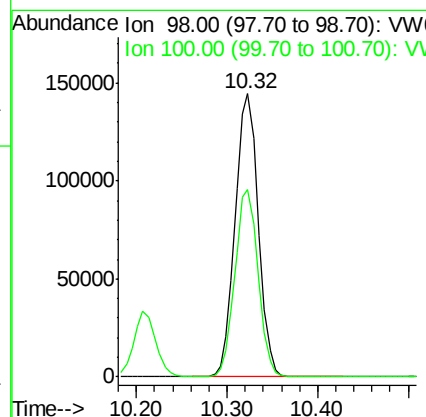
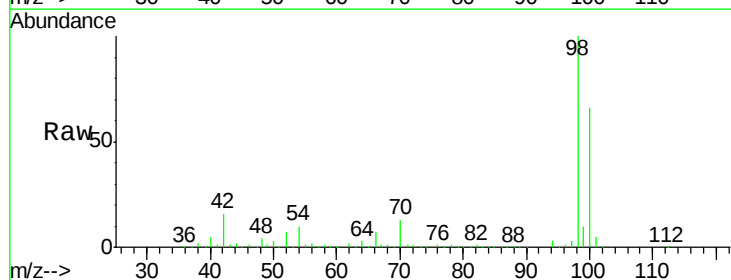
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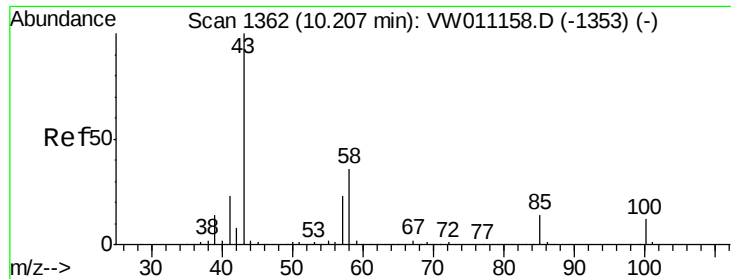
MMDadoda
 7/11/2019 2:50:26 PM



#50
 Toluene-d8
 Concen: 37.735 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 267.582 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion: 43 Resp: 474880

Ion Ratio Lower Upper

43 100

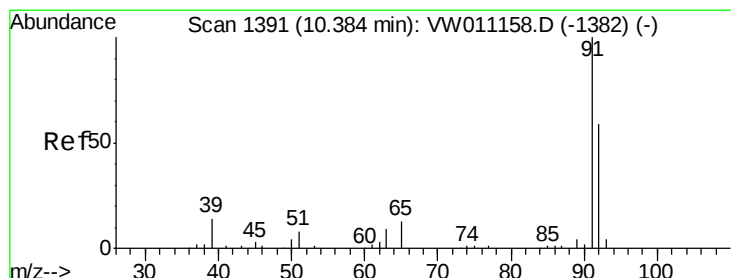
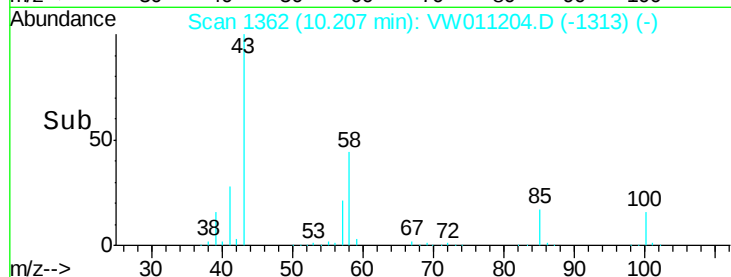
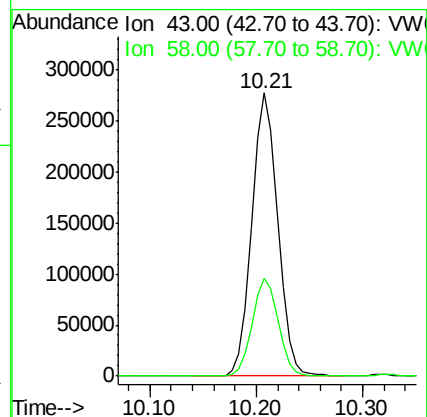
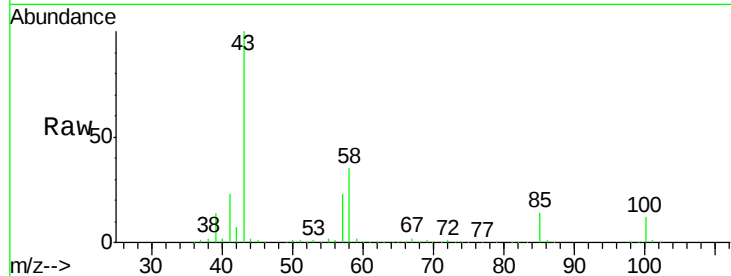
58 34.8 28.2 42.2

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#52

Toluene

Concen: 49.102 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011204.D

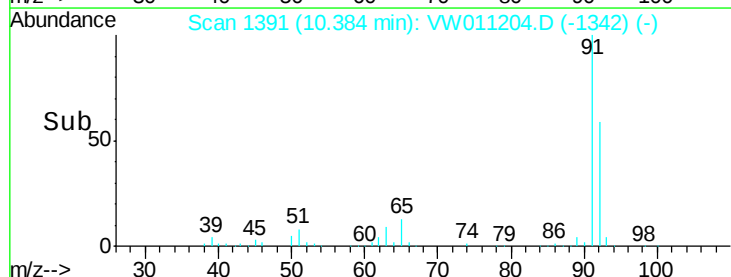
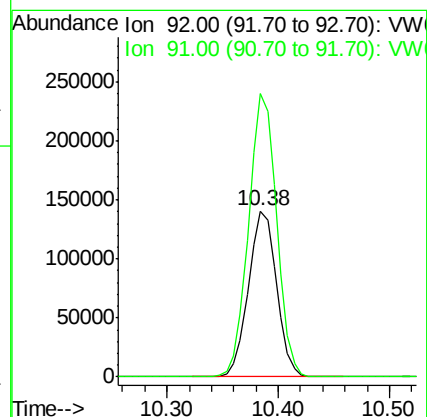
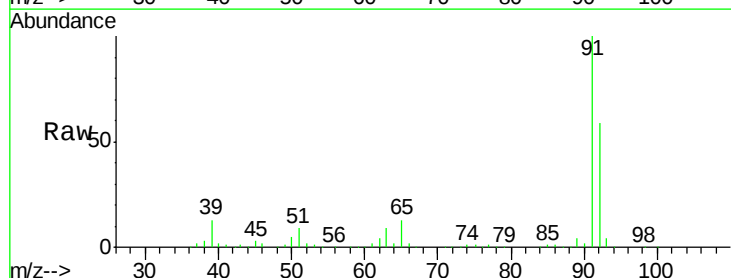
Acq: 10 Jul 2019 22:17

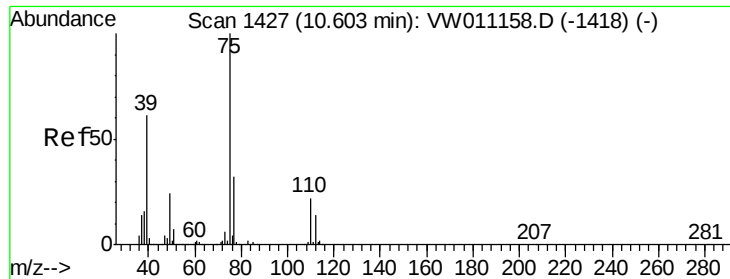
Tgt Ion: 92 Resp: 246540

Ion Ratio Lower Upper

92 100

91 170.3 136.6 205.0





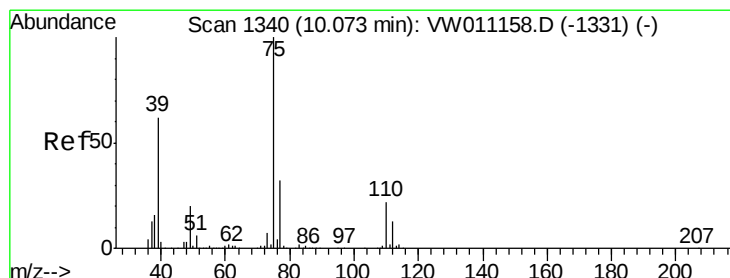
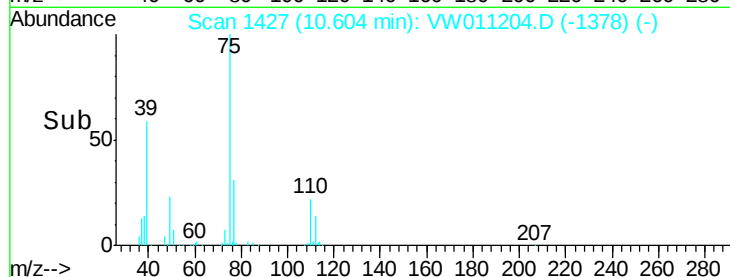
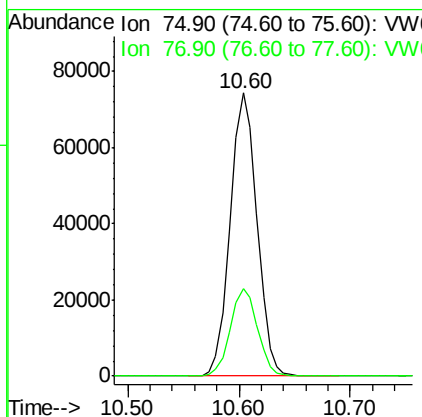
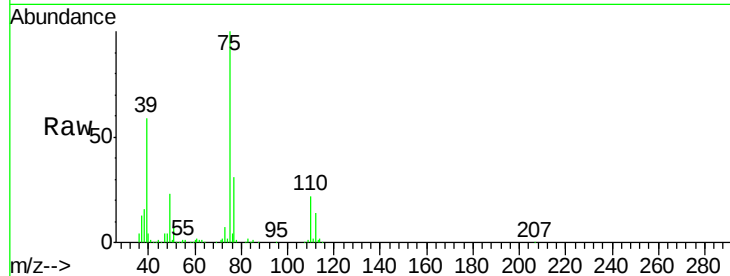
#53
t-1,3-Dichloropropene
Concen: 43.215 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.0

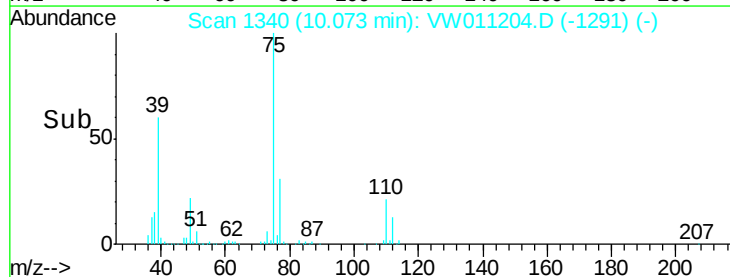
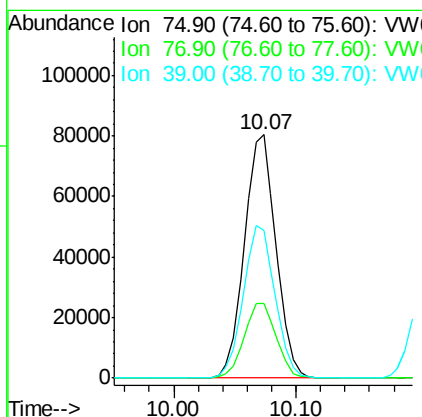
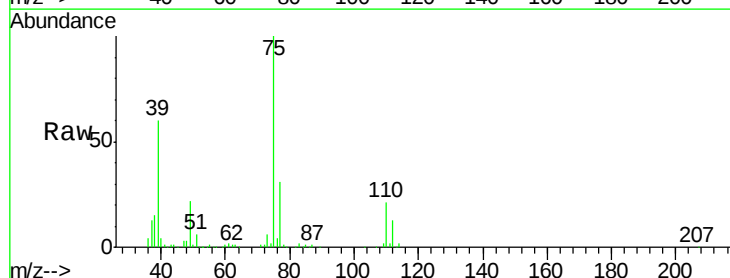
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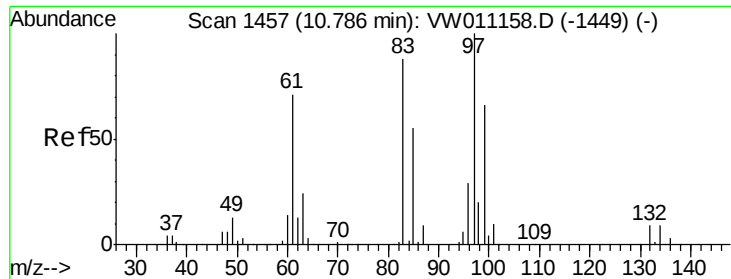
MMDadoda
7/11/2019 2:50:26 PM



#54
cis-1,3-Dichloropropene
Concen: 42.796 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.7	38.5
39	60.3	49.8	74.8





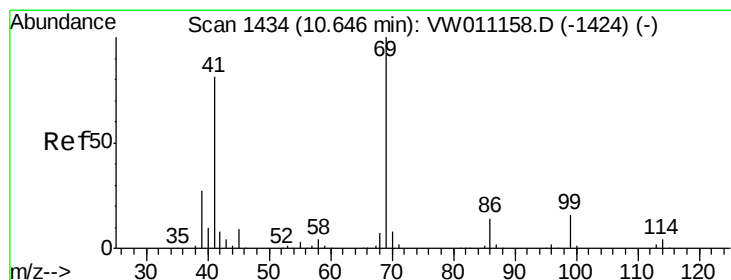
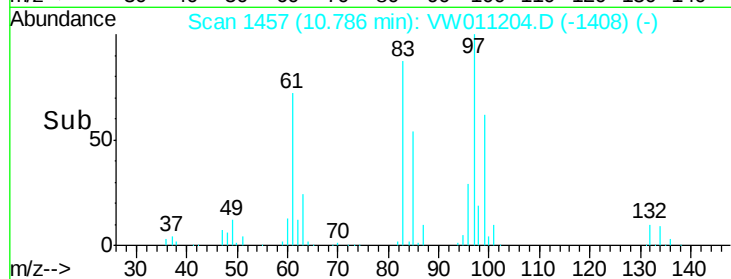
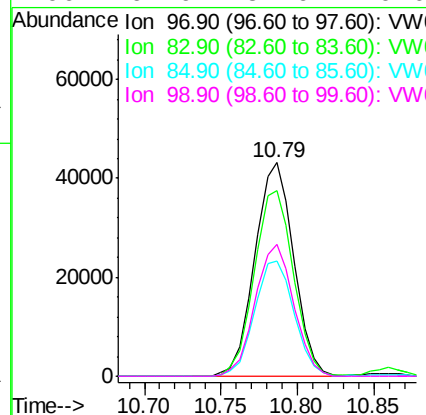
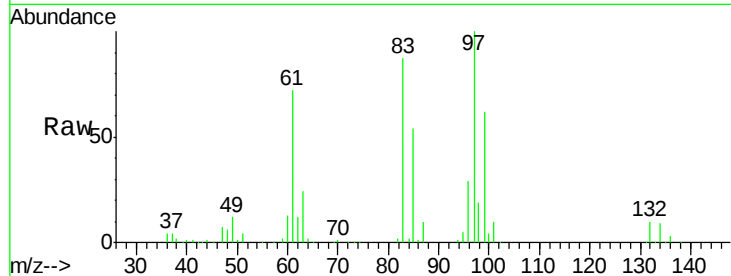
#55
 1,1,2-Trichloroethane
 Concen: 51.183 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709MSD

Tot Ion:	97	Resp:	76452
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.2	105.4
85	53.9	44.2	66.2
99	61.9	52.6	79.0

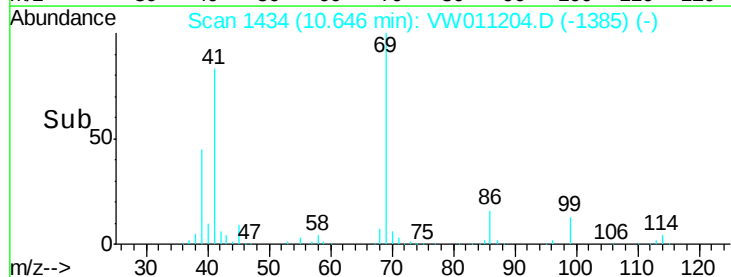
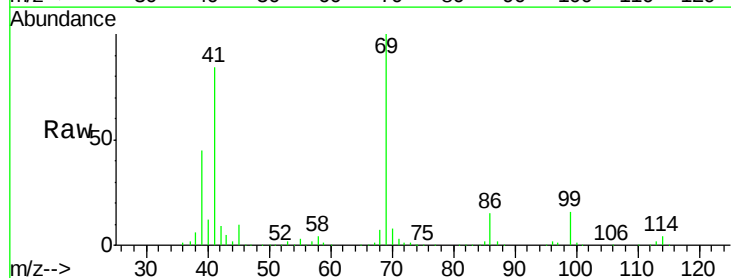
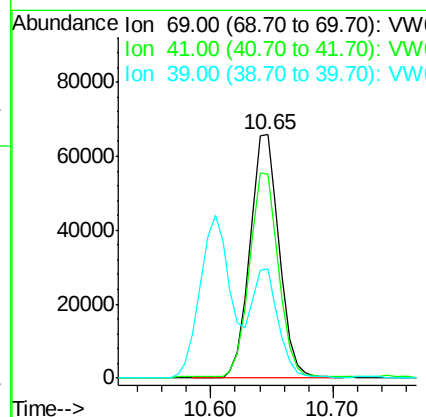
Manual Integrations
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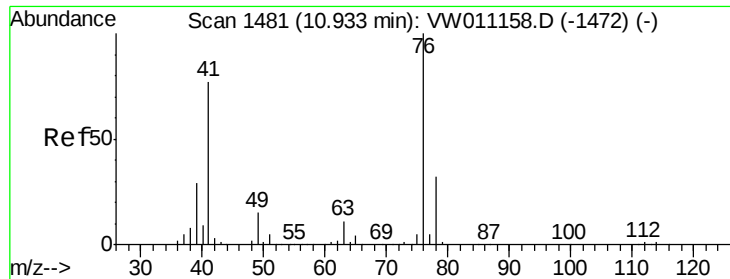
MMDadoda
 7/11/2019 2:50:26 PM



#56
 Ethyl methacrylate
 Concen: 48.221 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Tgt Ion:	69	Resp:	109661
Ion	Ratio	Lower	Upper
69	100		
41	82.7	66.5	99.7
39	39.3	32.5	48.7





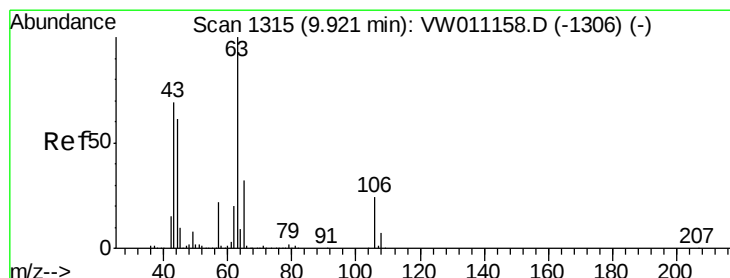
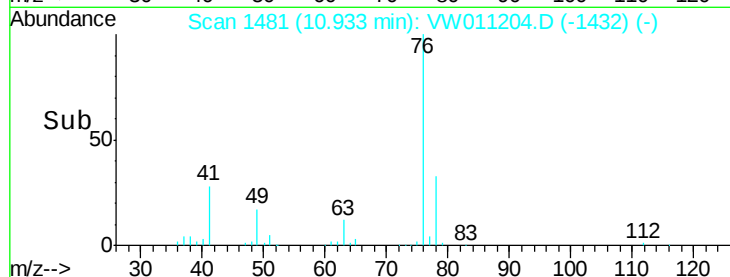
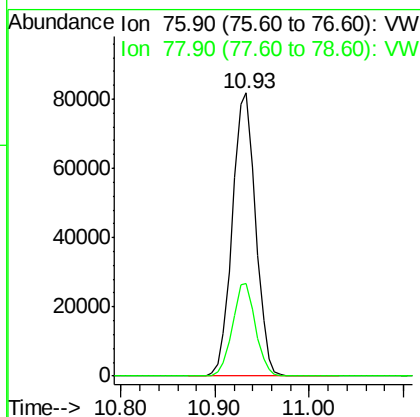
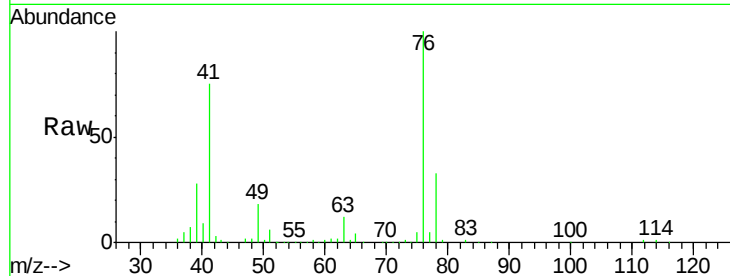
#57
 1,3-Dichloropropane
 Concen: 49.651 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709MSD

Tot Ion: 76 Resp: 140244
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2

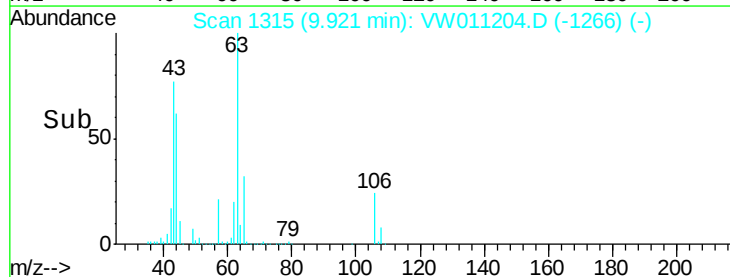
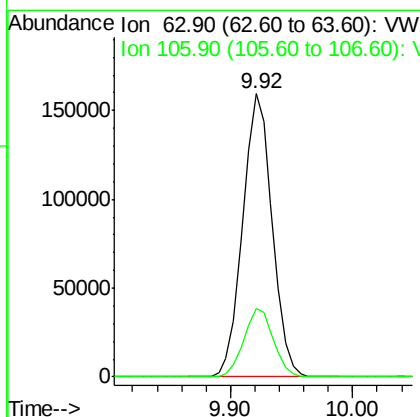
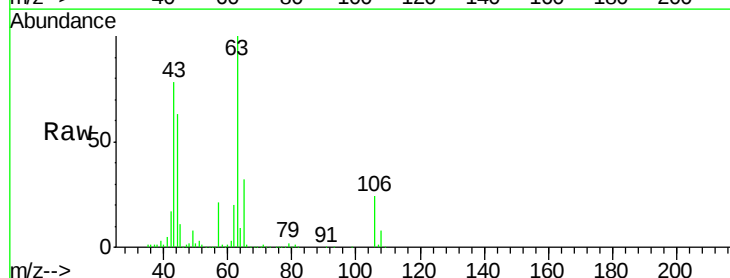
Manual Integrations
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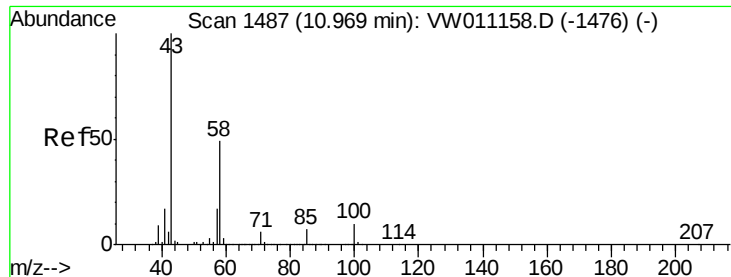
MMDadoda
 7/11/2019 2:50:26 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.627 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Tgt Ion: 63 Resp: 266340
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.4 29.0





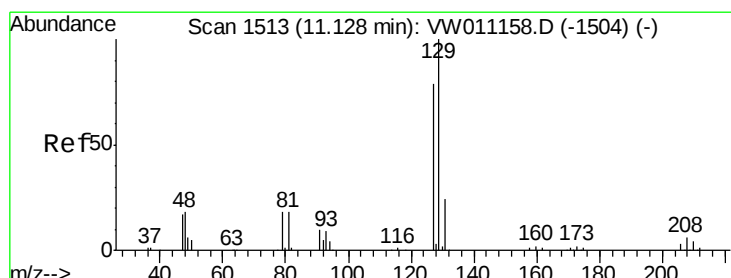
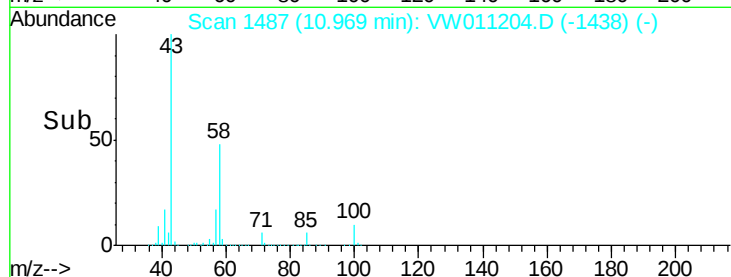
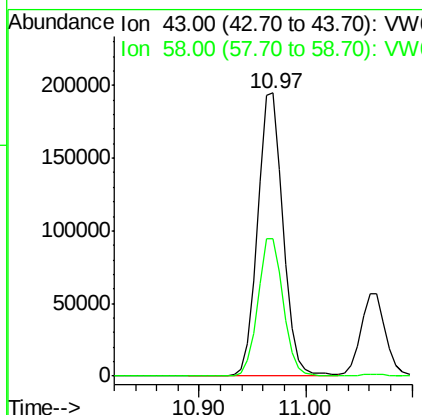
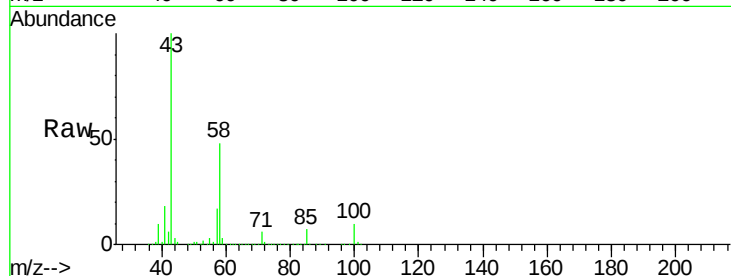
#59
2-Hexanone
Concen: 265.056 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion: 43 Resp: 326221
Ion Ratio Lower Upper
43 100
58 48.7 24.4 73.4

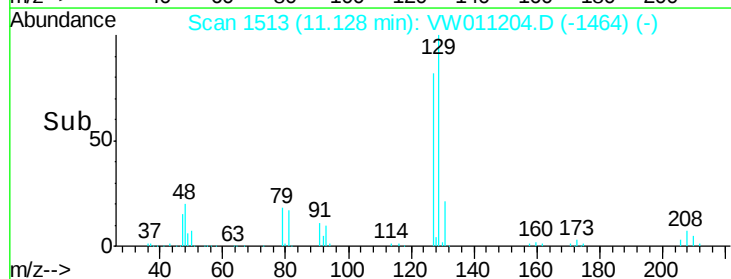
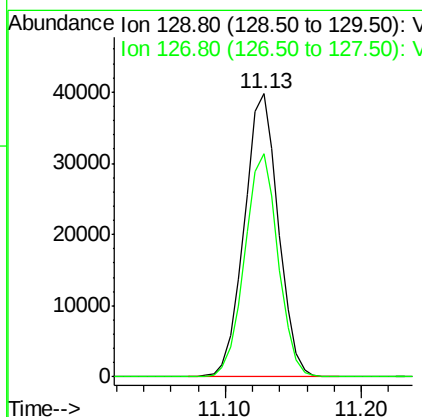
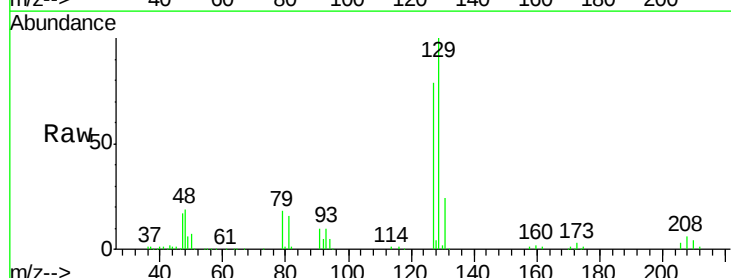
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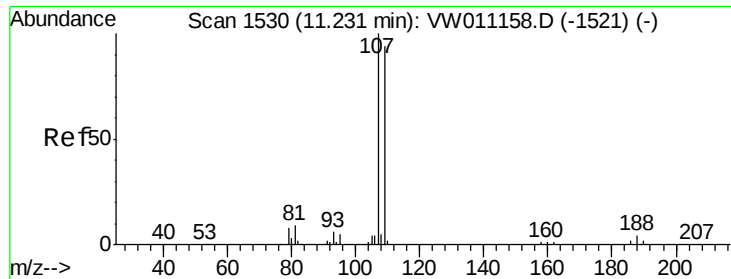
MMDadoda
7/11/2019 2:50:26 PM



#60
Dibromochloromethane
Concen: 42.491 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion: 129 Resp: 69597
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 49.341 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion: 107 Resp: 69811

Ion Ratio Lower Upper

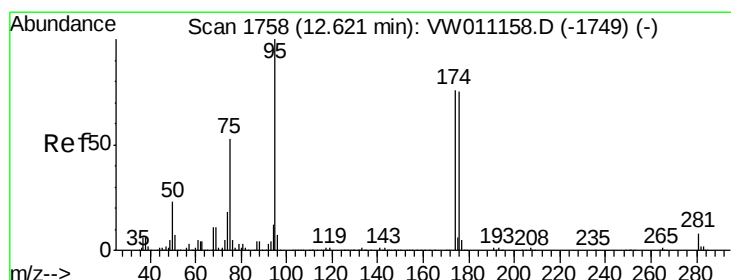
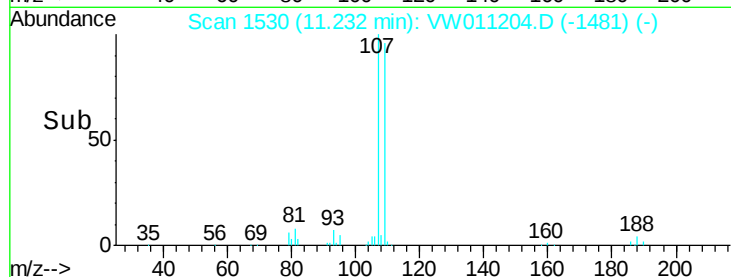
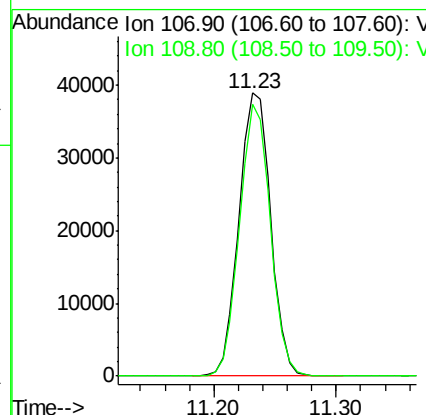
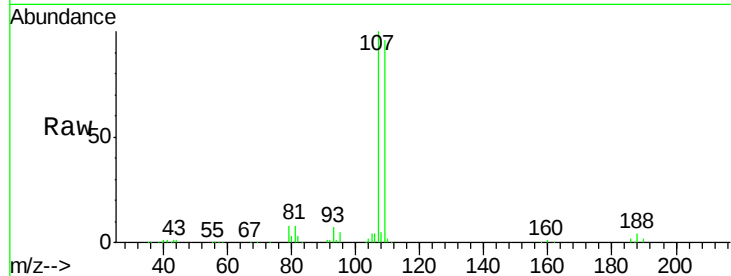
107 100

109 93.5 75.2 112.8

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#62

4-Bromofluorobenzene

Concen: 34.919 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

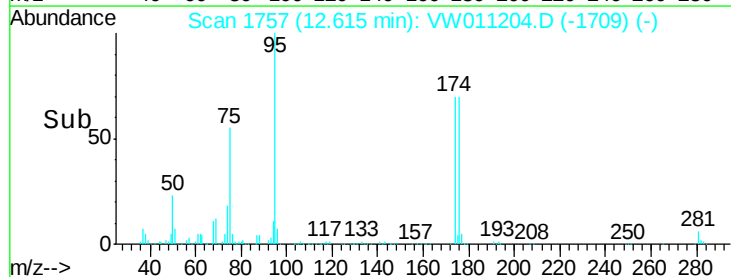
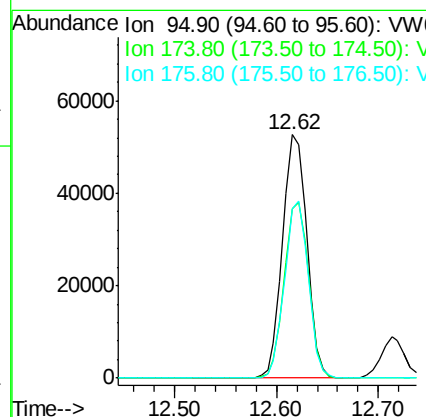
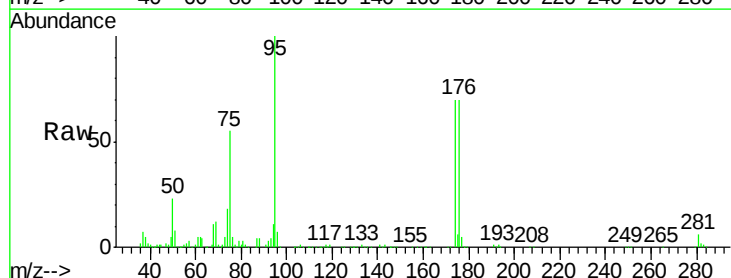
Tgt Ion: 95 Resp: 86728

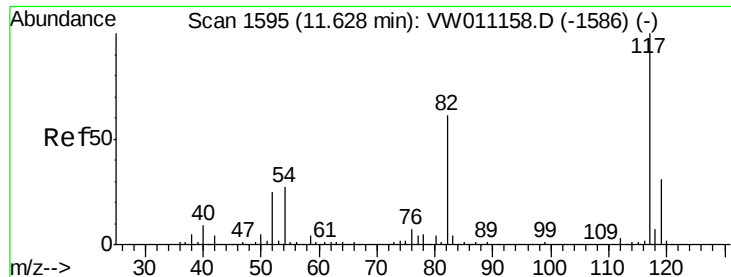
Ion Ratio Lower Upper

95 100

174 72.2 0.0 147.6

176 70.9 0.0 144.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

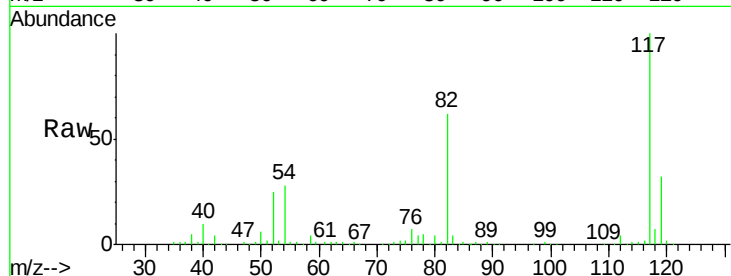
ClientSampleId :

KY030LC068-SD-190709MSD

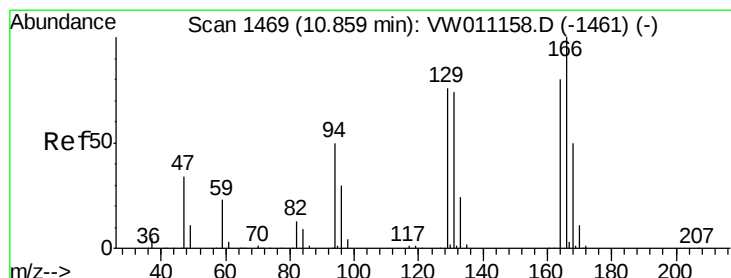
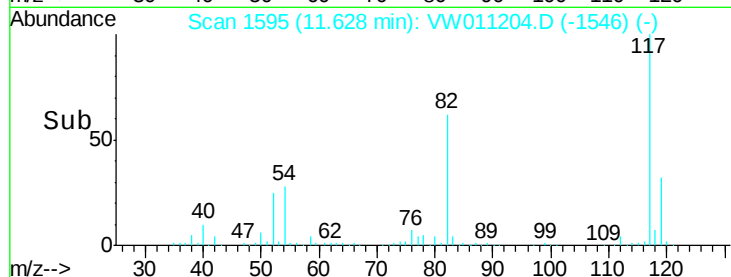
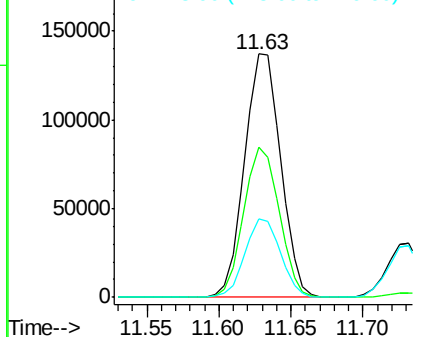
Tot Ion:	117	Resp:	238341
Ion Ratio	Lower	Upper	
117	100		
82	61.8	48.9	73.3
119	31.9	25.0	37.6

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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 60.877 ug/l

RT: 10.86 min Scan# 1469

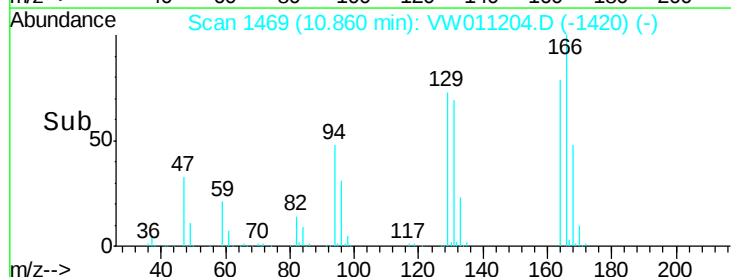
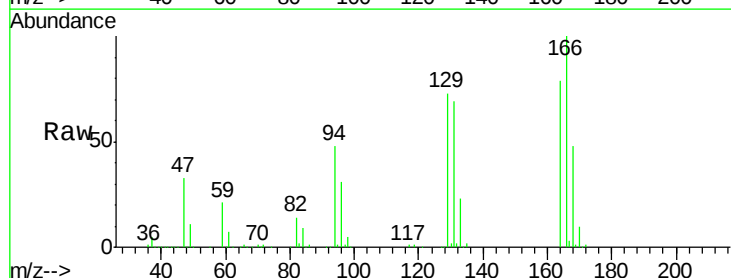
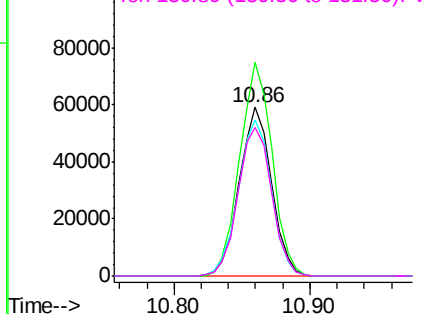
Delta R.T. 0.00 min

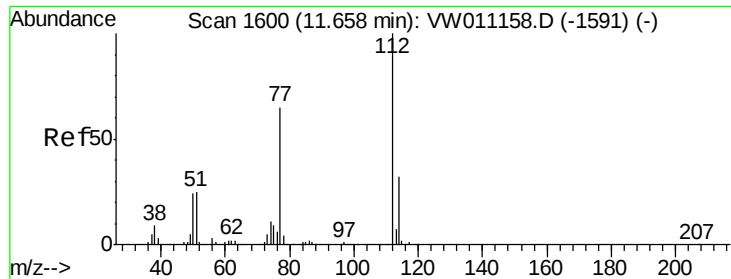
Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Tgt Ion:	164	Resp:	97907
Ion Ratio	Lower	Upper	
164	100		
166	126.6	99.7	149.5
129	92.4	76.2	114.2
131	87.9	74.0	111.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.825 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion:112 Resp: 236596

Ion Ratio Lower Upper

112 100

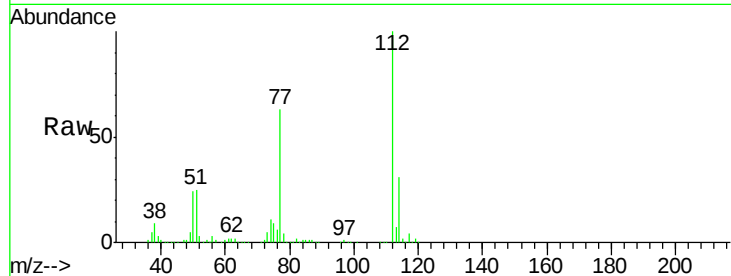
114 31.3 25.5 38.3

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

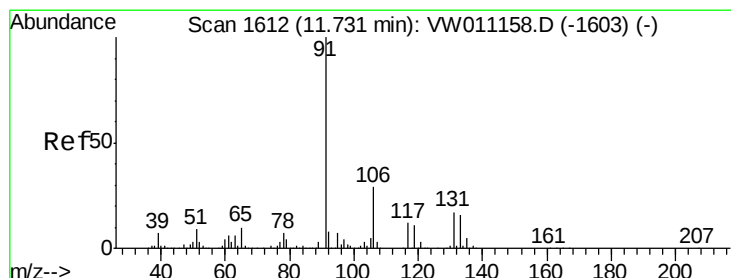
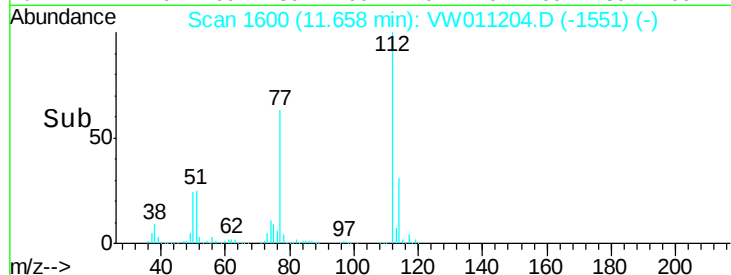
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 43.900 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

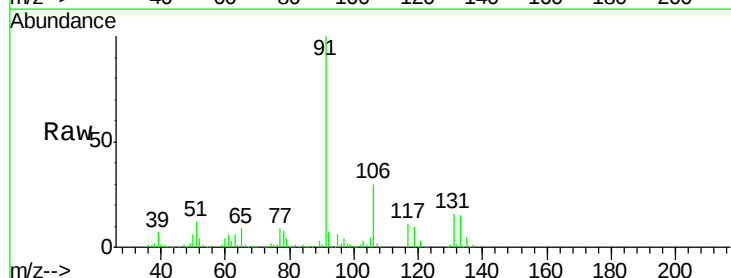
Tgt Ion:131 Resp: 74901

Ion Ratio Lower Upper

131 100

133 96.3 47.9 143.8

119 65.8 33.1 99.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.73

60000

50000

40000

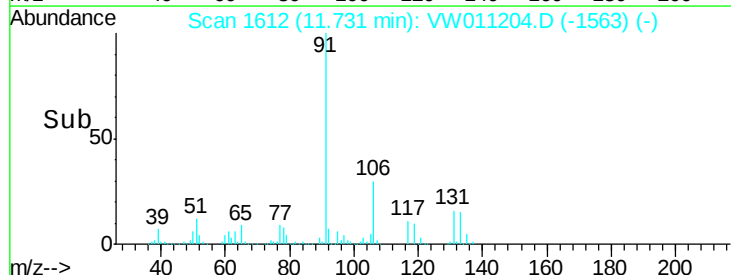
30000

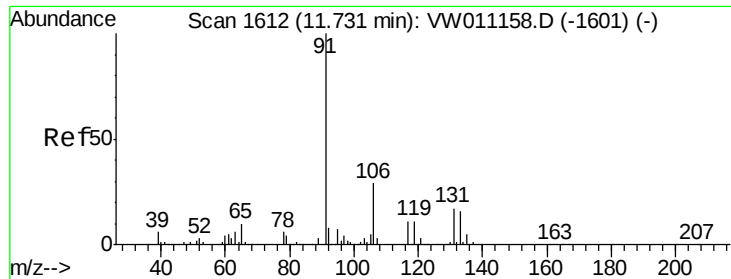
20000

10000

0

Time-->





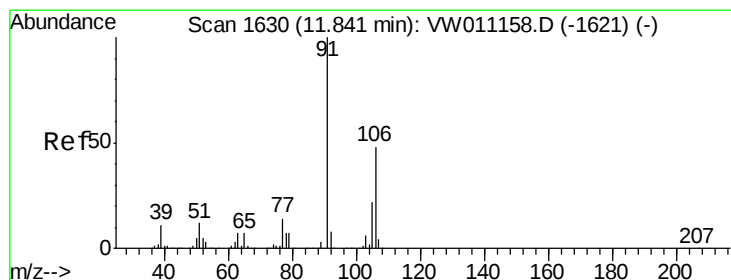
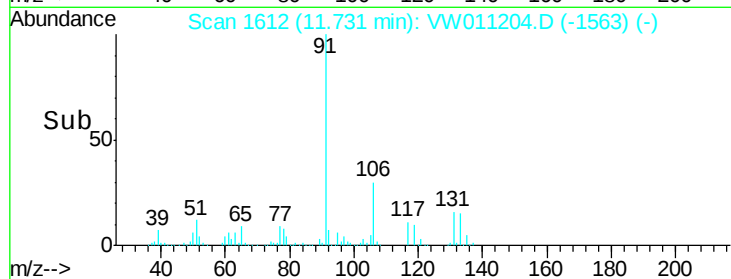
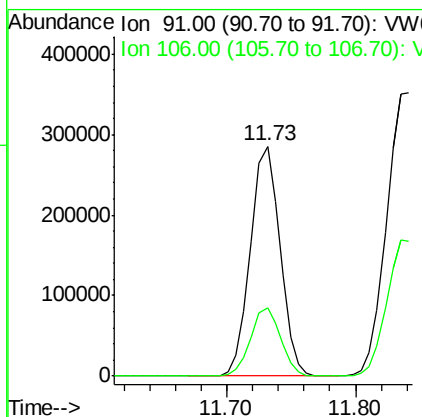
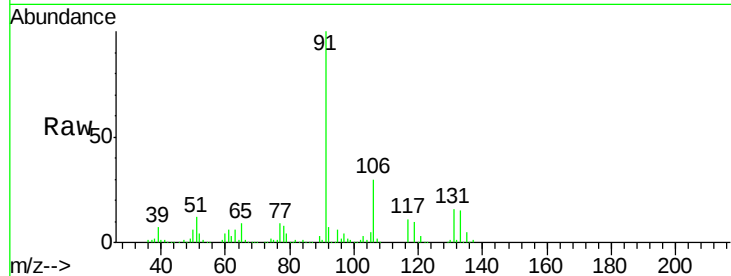
#67
Ethyl Benzene
Concen: 48.908 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion: 91 Resp: 453697
Ion Ratio Lower Upper
91 100
106 29.5 23.5 35.3

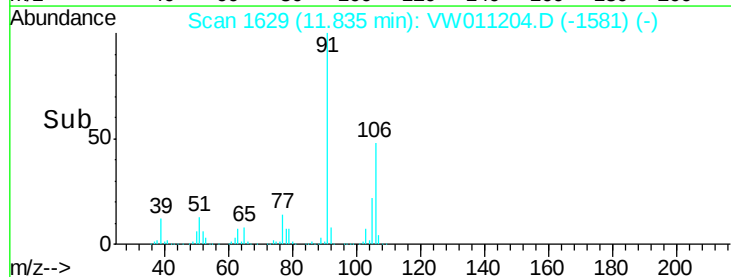
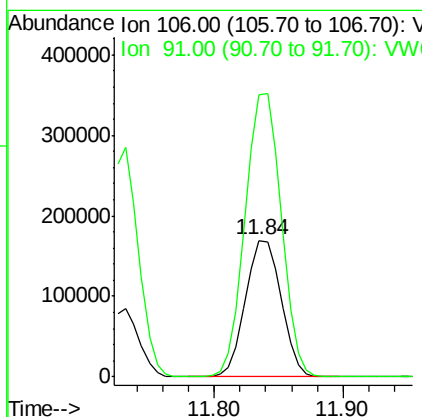
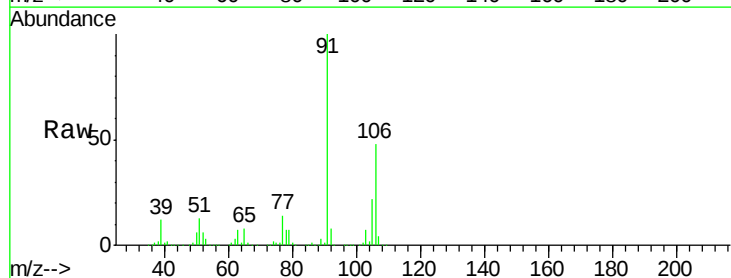
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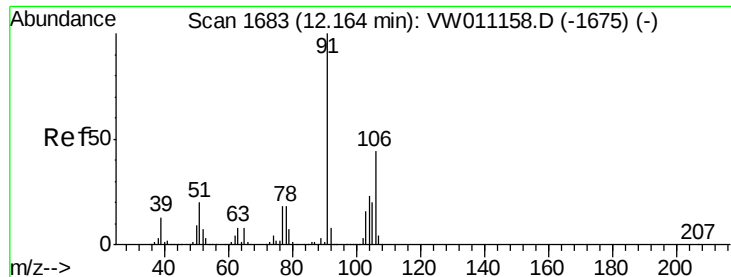
MMDadoda
7/11/2019 2:50:26 PM



#68
m/p-Xylenes
Concen: 97.108 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion: 106 Resp: 325954
Ion Ratio Lower Upper
106 100
91 209.2 167.7 251.5





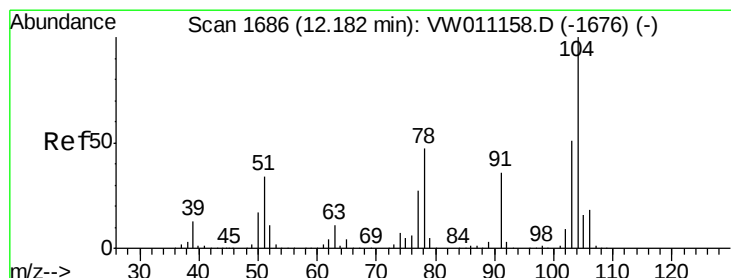
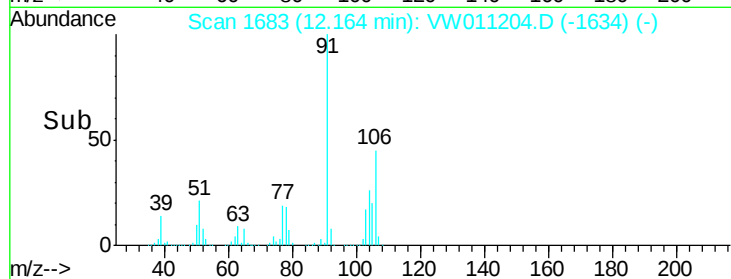
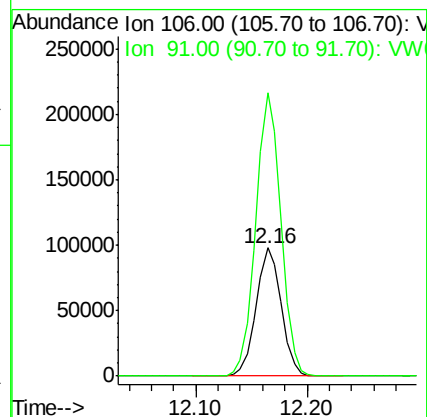
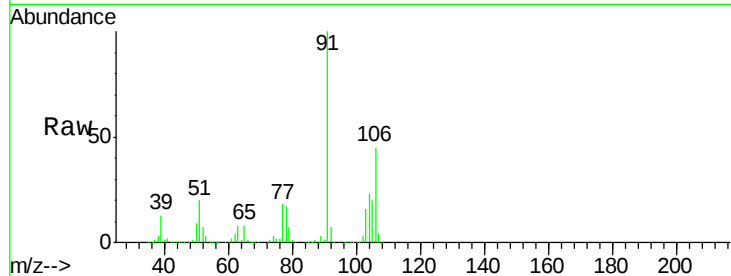
#69
o-Xylene
Concen: 48.533 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion:106 Resp: 153543
Ion Ratio Lower Upper
106 100
91 221.7 110.7 332.1

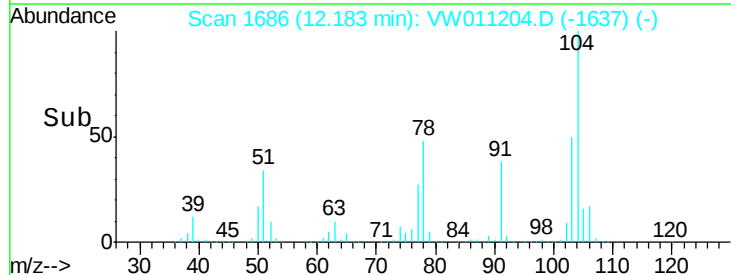
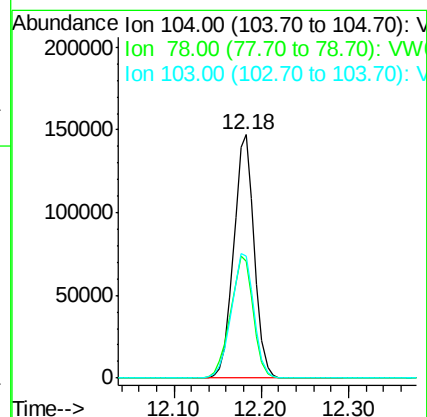
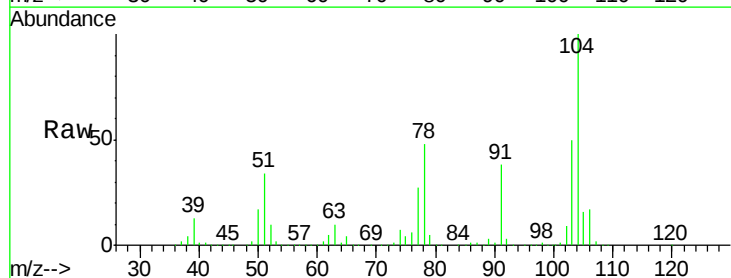
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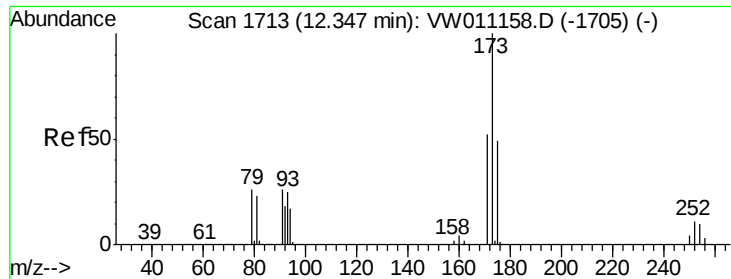
MMDadoda
7/11/2019 2:50:26 PM



#70
Styrene
Concen: 44.076 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion:104 Resp: 240651
Ion Ratio Lower Upper
104 100
78 55.2 43.1 64.7
103 55.8 44.1 66.1





#71

Bromoform

Concen: 41.258 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

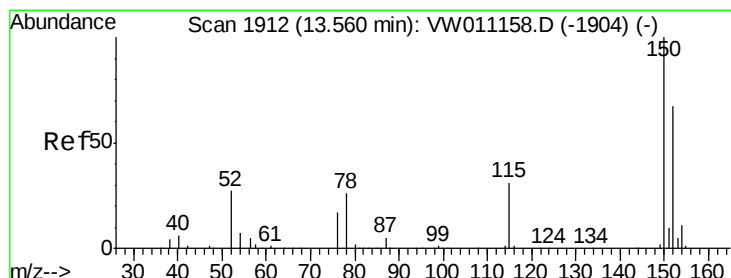
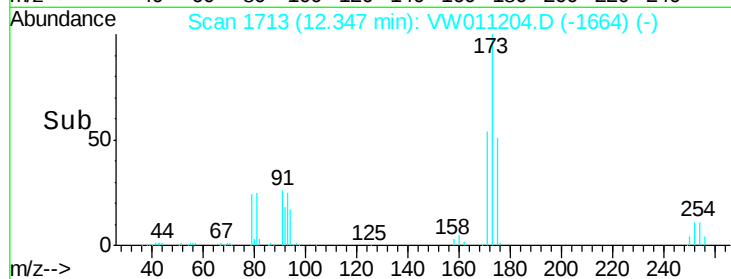
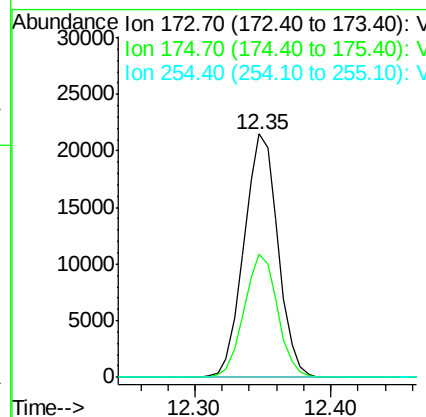
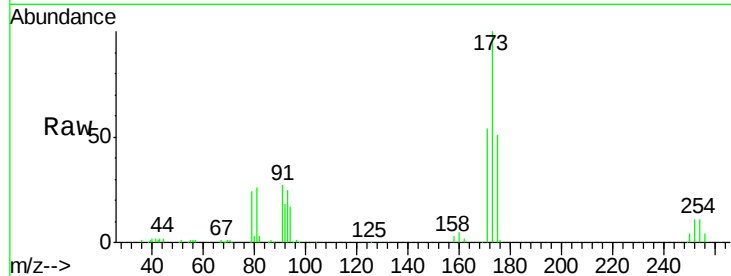
ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion:	173	Resp:	37427
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.8	74.3
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

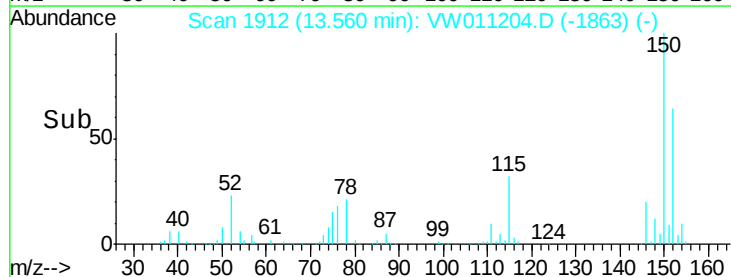
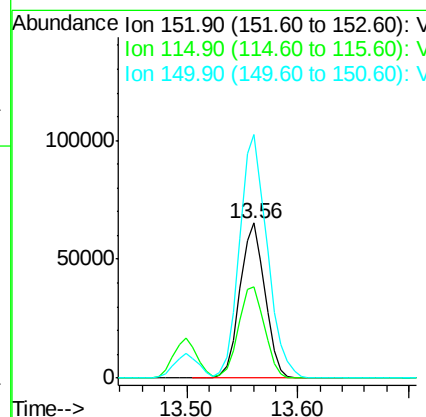
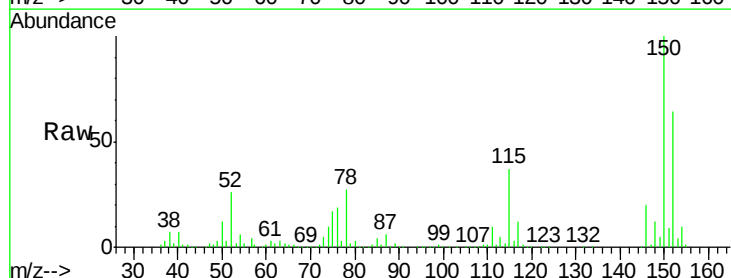
RT: 13.56 min Scan# 1912

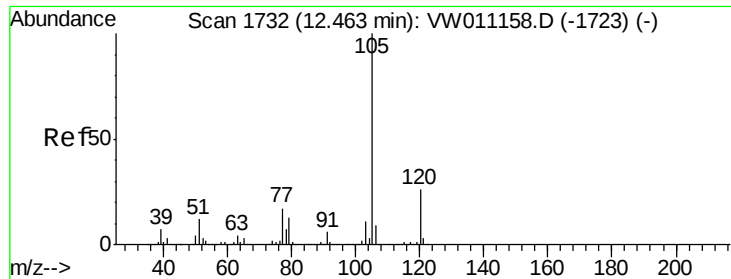
Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Tgt Ion:	152	Resp:	101669
Ion Ratio	Lower	Upper	
152	100		
115	61.1	30.1	90.3
150	173.1	0.0	346.0





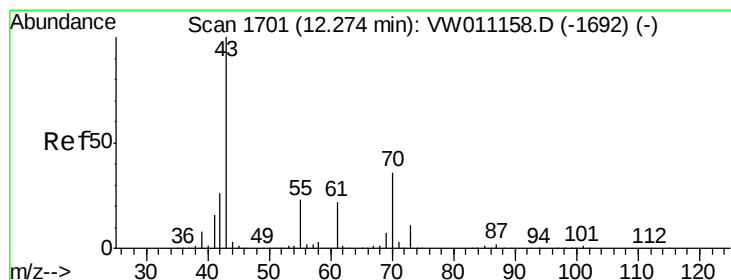
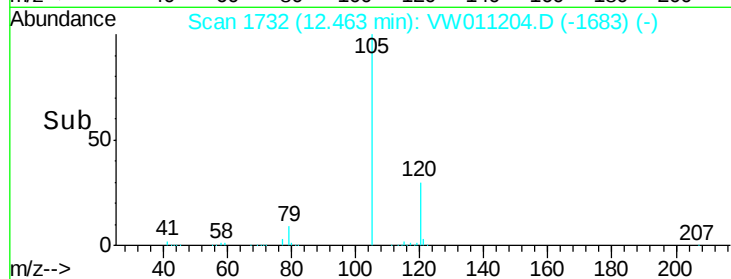
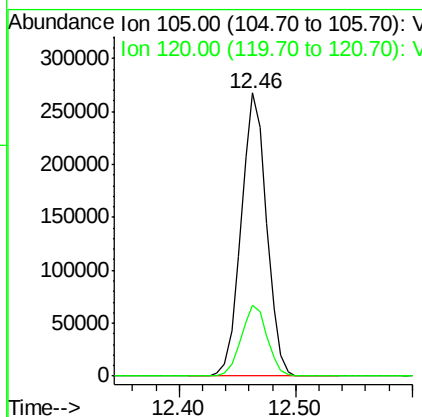
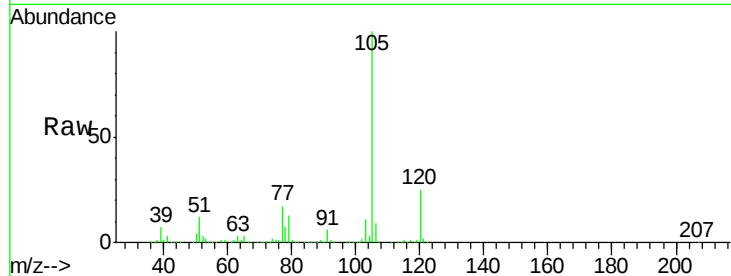
#73
Isopropylbenzene
Concen: 53.534 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.3

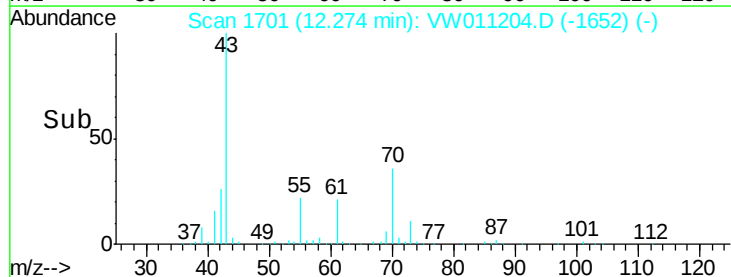
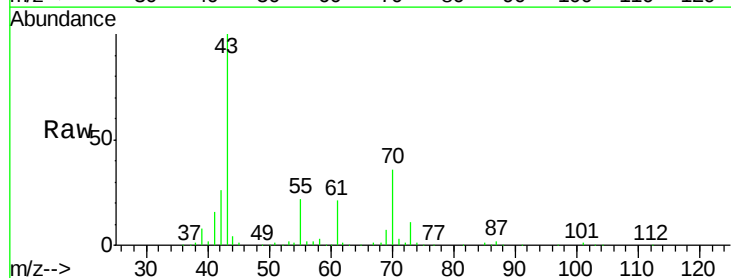
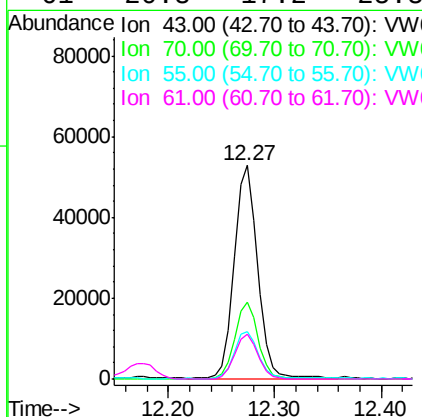
Manual Integrations
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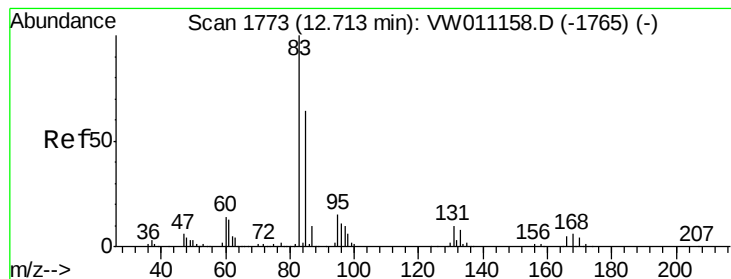
MMDadoda
7/11/2019 2:50:26 PM



#74
N-ethyl acetate
Concen: 31.033 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.2	28.5	42.7
55	22.4	18.1	27.1
61	20.8	17.2	25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 59.244 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

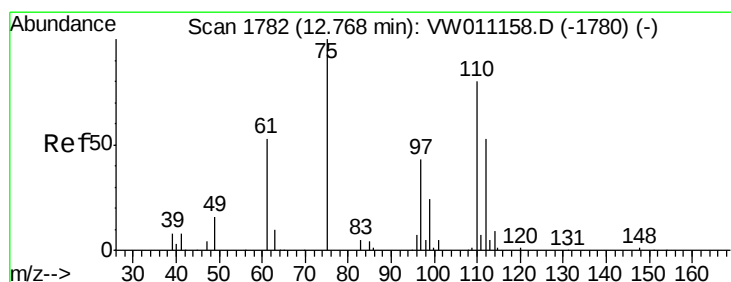
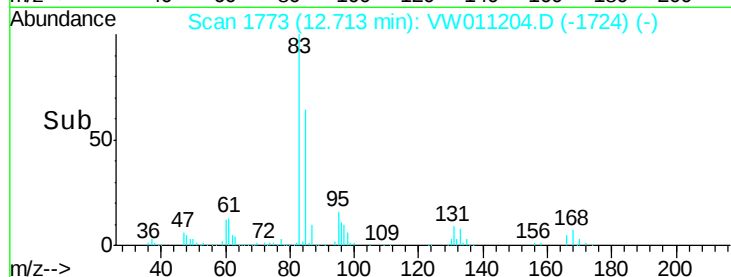
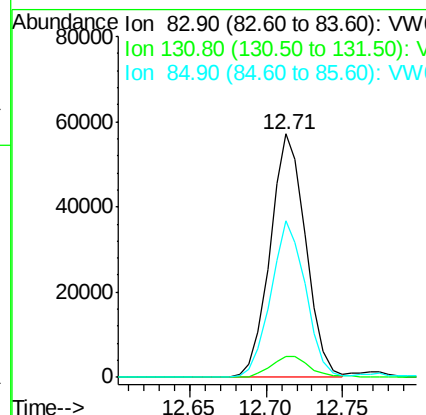
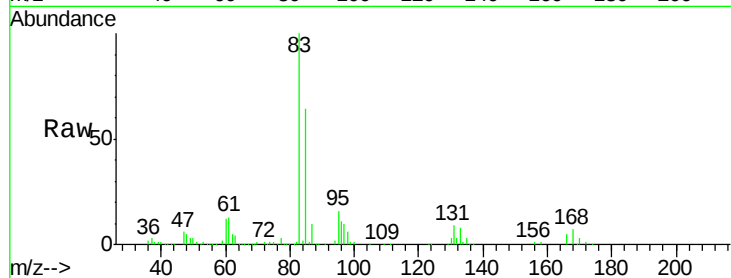
ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion:	83	Resp:	92297
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	15.0
85	63.1	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 54.322 ug/l m

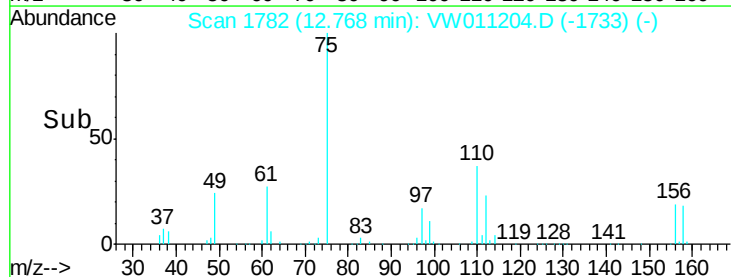
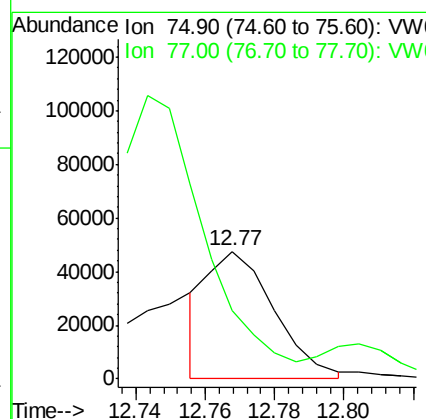
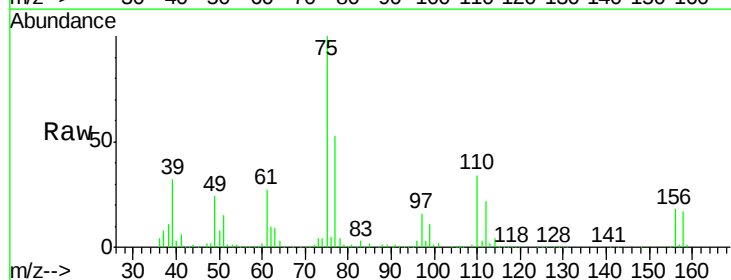
RT: 12.77 min Scan# 1782

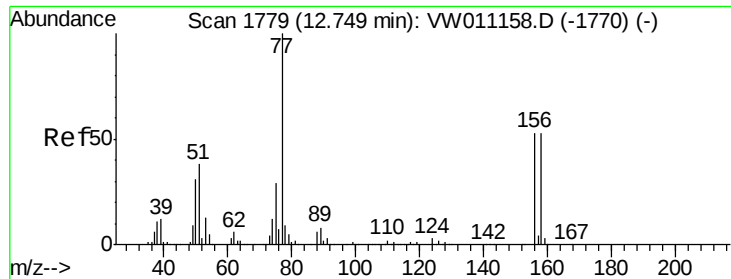
Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Tgt Ion:	75	Resp:	63824
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.343 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

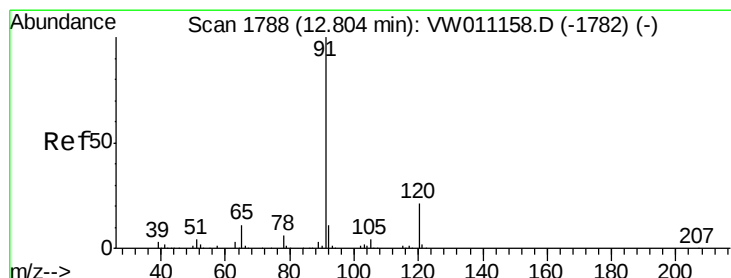
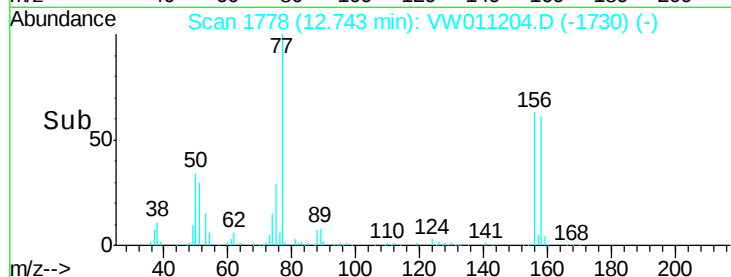
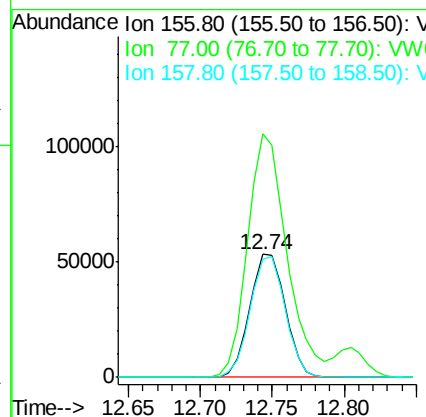
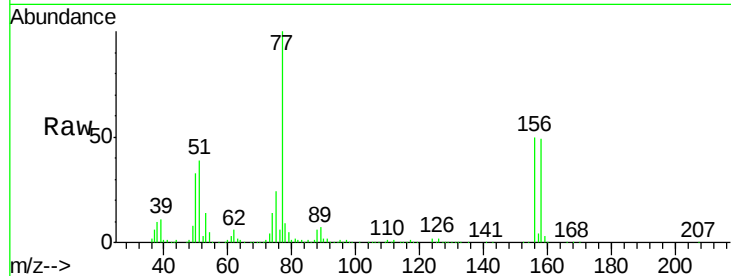
ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	219.3	109.0	327.0		
158	96.8	48.8	146.3		

Manual Integrations
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#78

n-propylbenzene

Concen: 50.893 ug/l

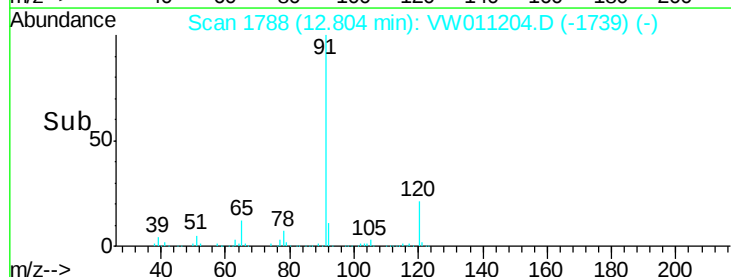
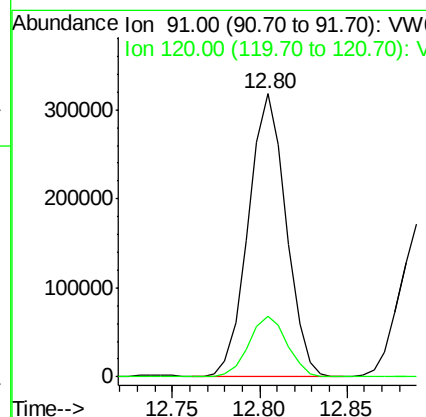
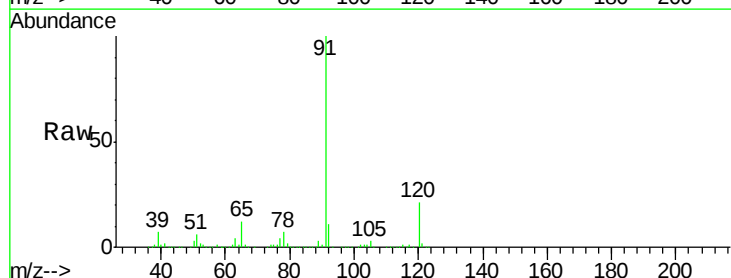
RT: 12.80 min Scan# 1788

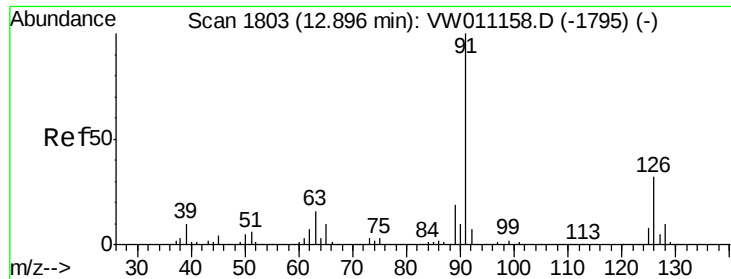
Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	21.6	10.8	32.3		





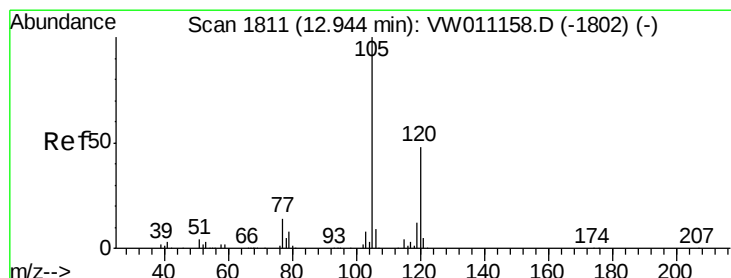
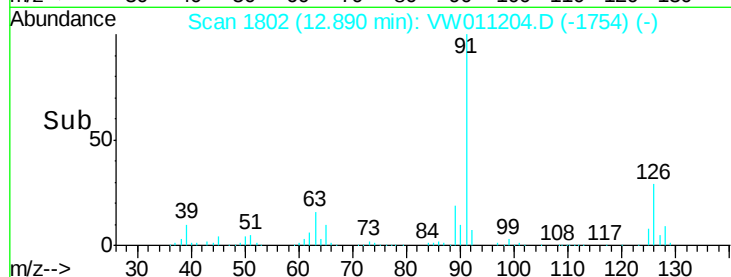
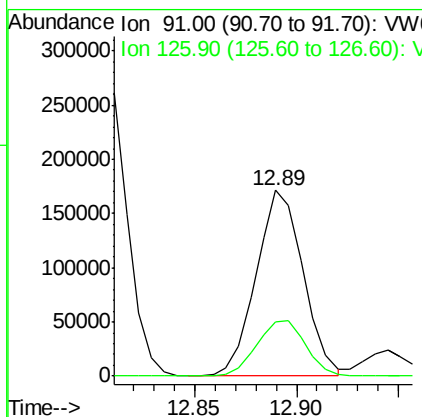
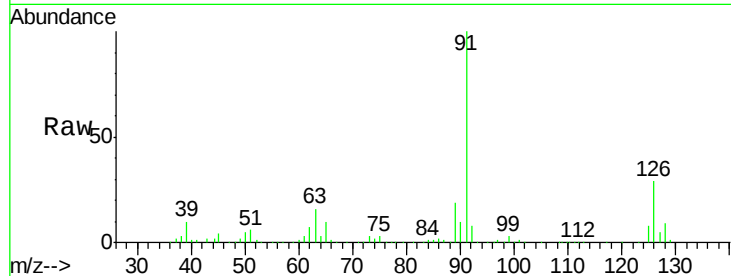
#79
2-Chlorotoluene
Concen: 50.971 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion: 91 Resp: 274607
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.3

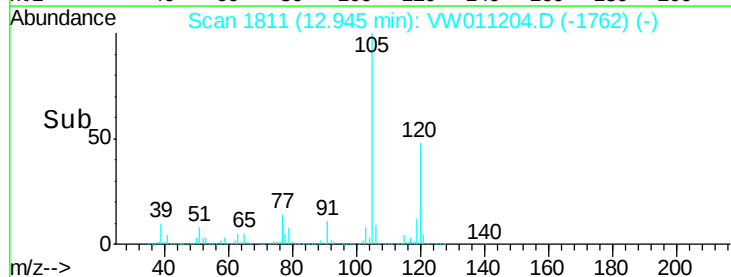
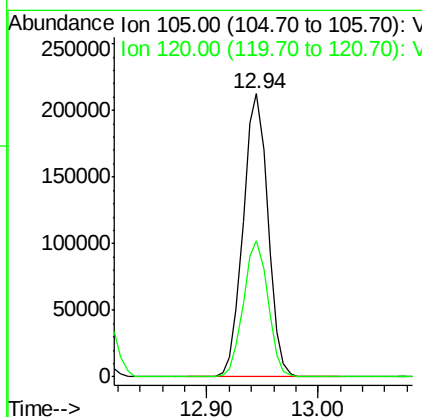
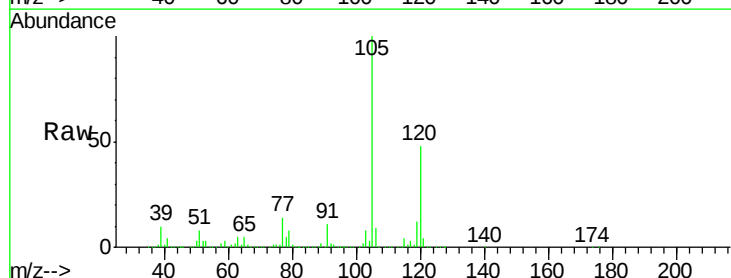
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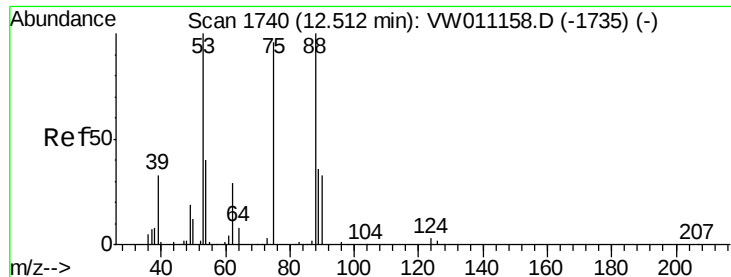
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#80
1,3,5-Trimethylbenzene
Concen: 50.809 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion: 105 Resp: 328060
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 39.892 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Instrument :

MSVOA_W

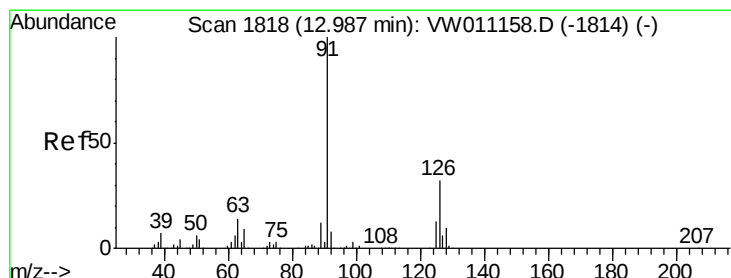
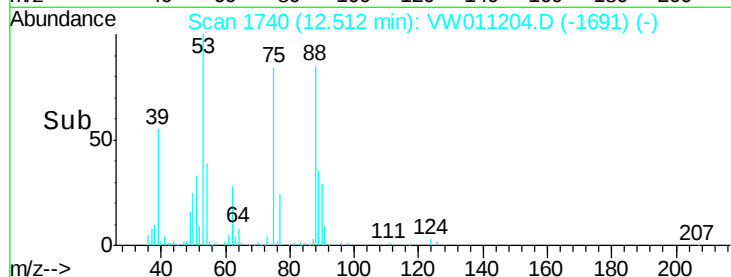
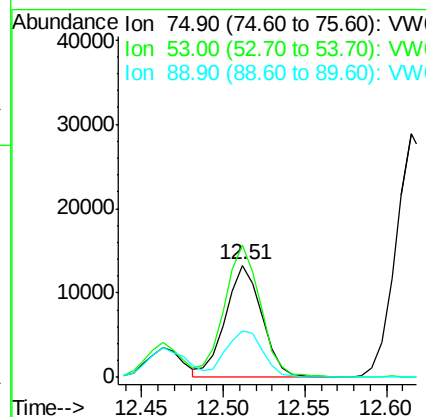
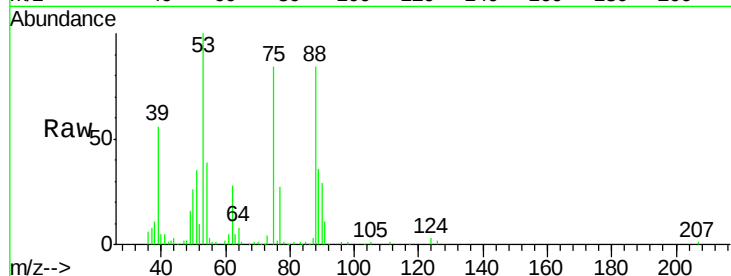
ClientSampleId :

KY030LC068-SD-190709MSD

Tot Ion:	75	Resp:	20722
Ion	Ratio	Lower	Upper
75	100		
53	116.0	89.8	134.6
89	42.5	34.3	51.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.251 ug/l

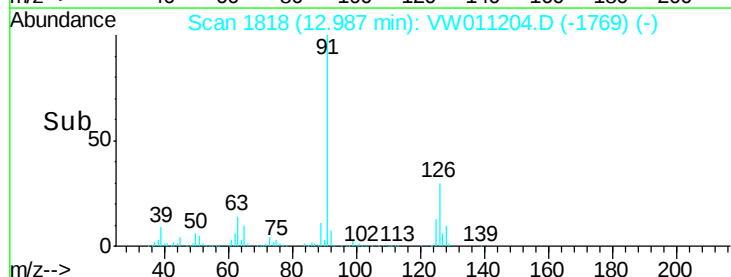
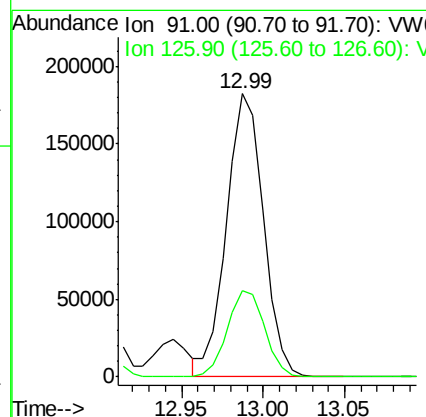
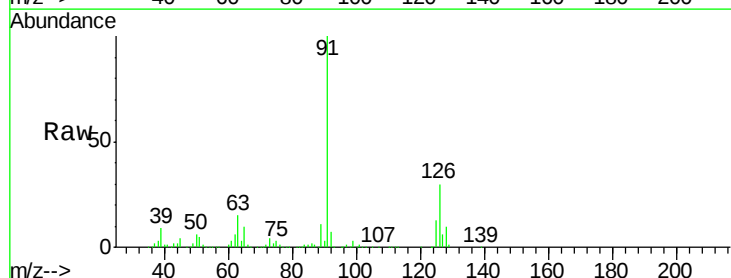
RT: 12.99 min Scan# 1818

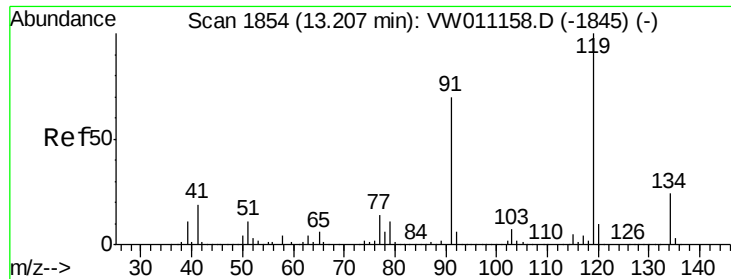
Delta R.T. 0.00 min

Lab File: VW011204.D

Acq: 10 Jul 2019 22:17

Tgt Ion:	91	Resp:	287591
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.1





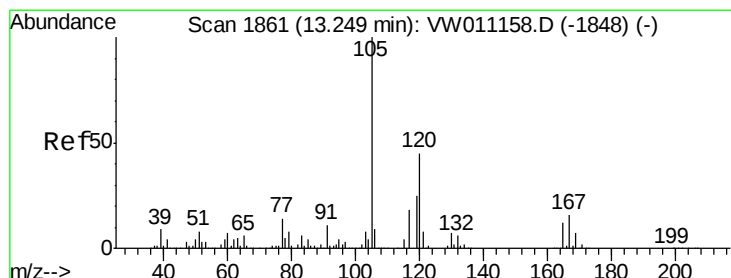
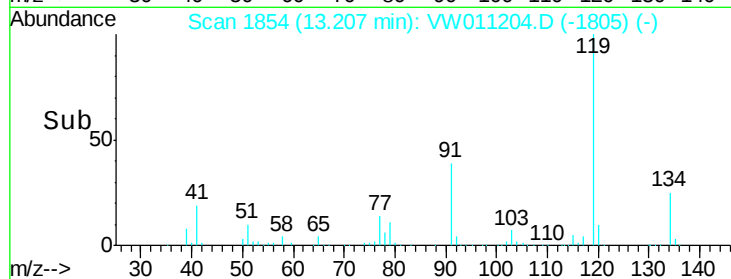
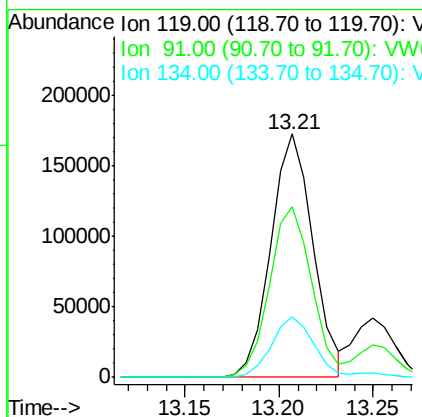
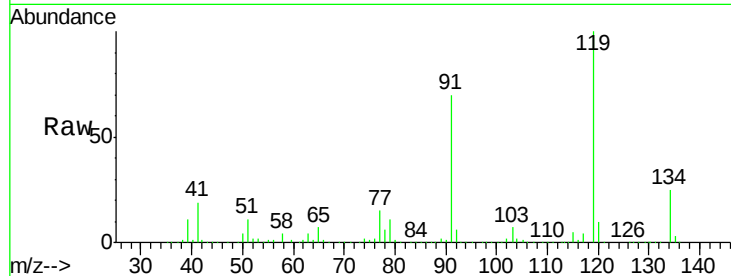
#83
tert-Butylbenzene
Concen: 49.649 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	267351		
91	70.0	35.4	106.3	
134	26.1	13.4	40.2	

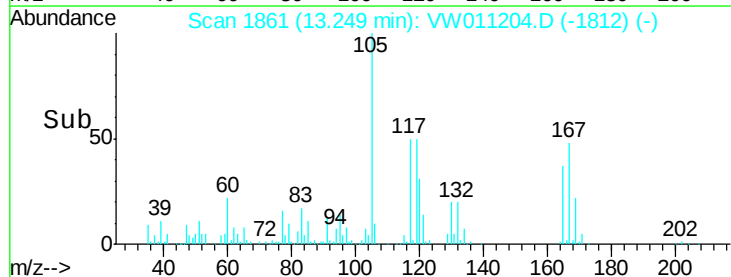
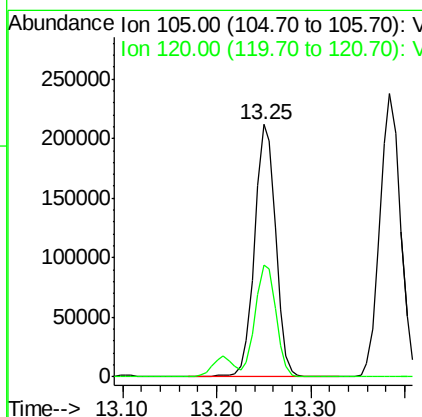
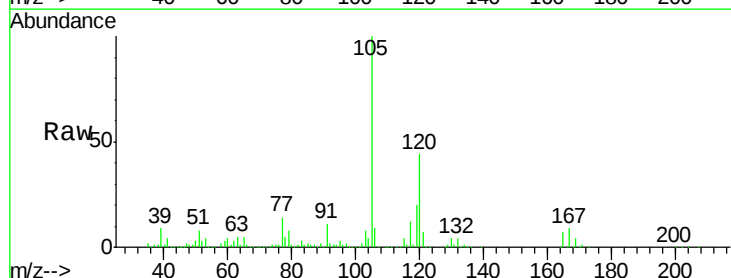
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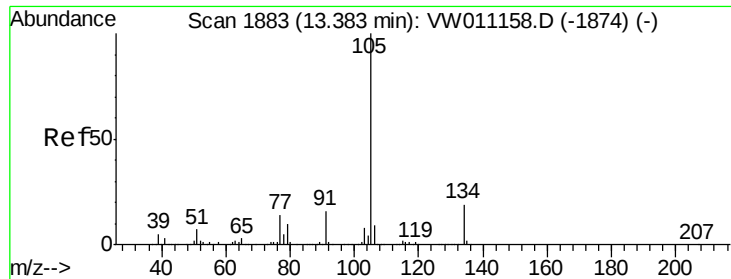
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#84
1,2,4-Trimethylbenzene
Concen: 51.107 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	331344		
120	44.1	22.3	66.9	





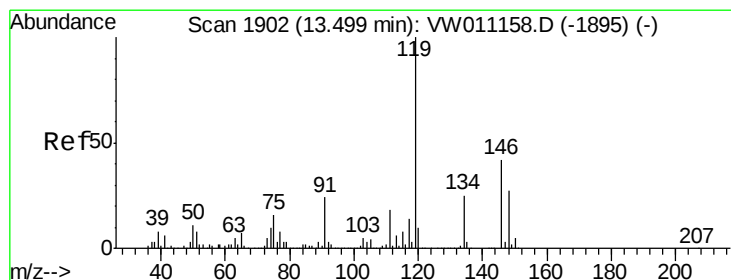
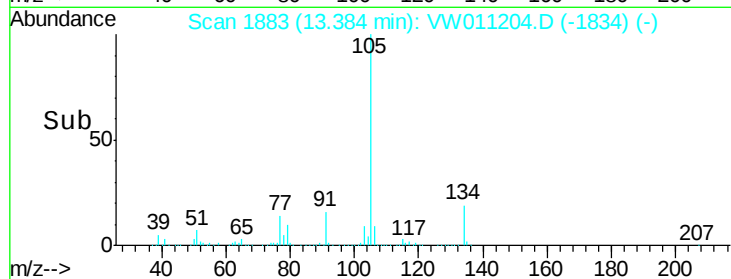
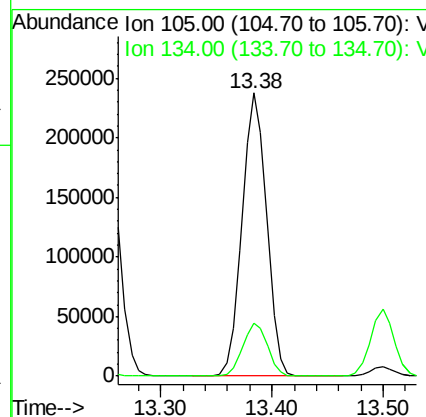
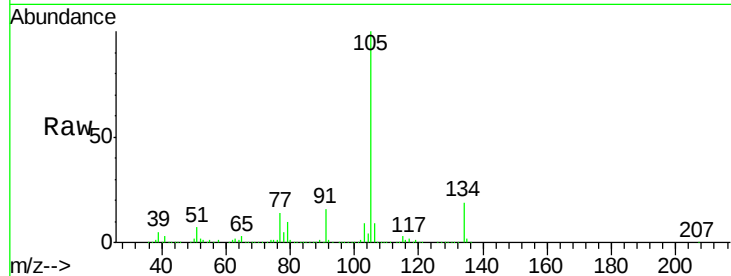
#85
 sec-Butylbenzene
 Concen: 46.600 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	28.9

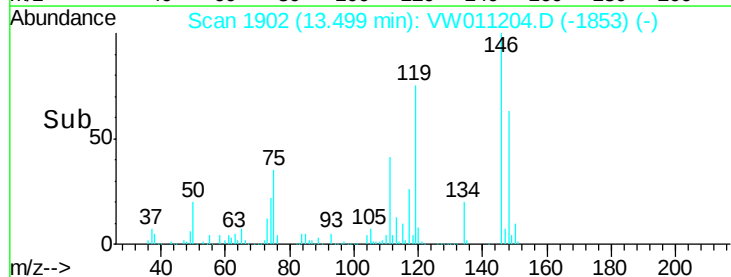
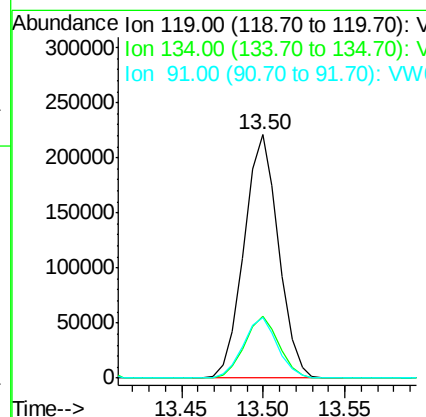
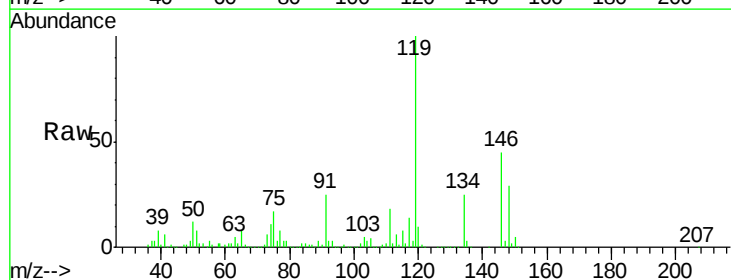
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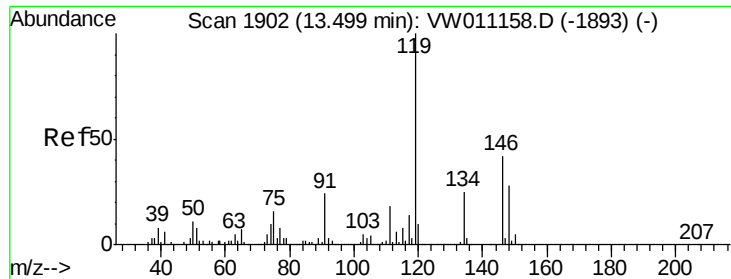
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#86
 p-Isopropyltoluene
 Concen: 46.584 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.6
91	24.7	12.3	36.8





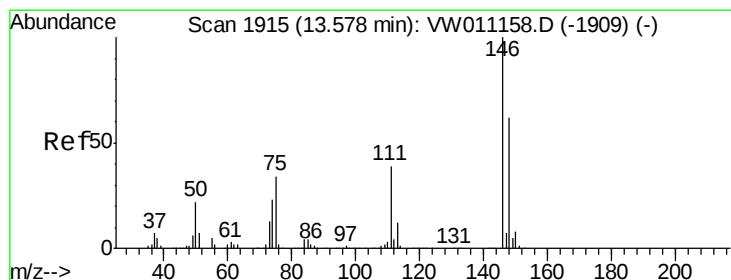
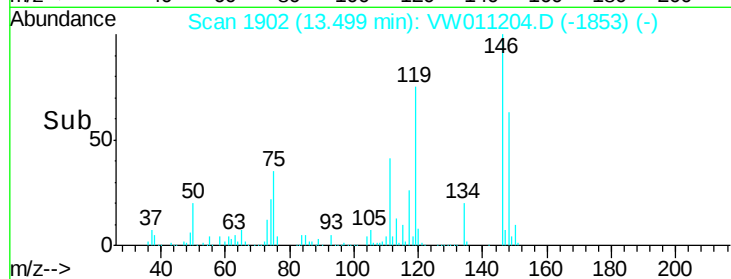
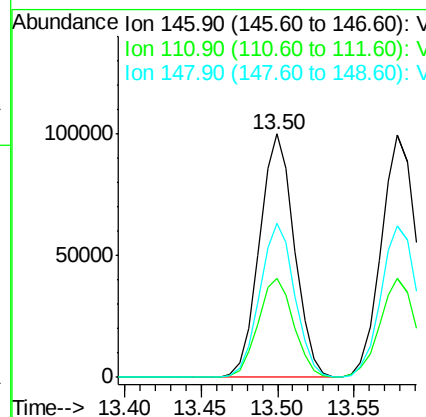
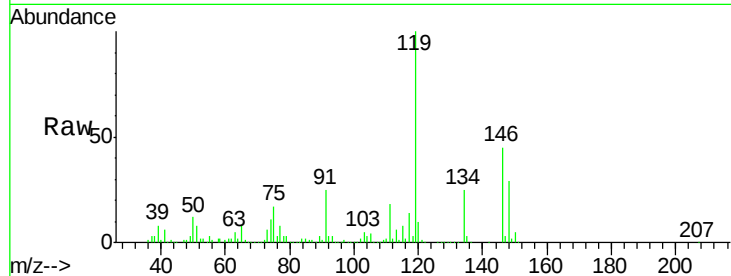
#87
 1,3-Dichlorobenzene
 Concen: 48.485 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	159106		
111	41.6	21.1	63.1	
148	63.3	32.6	97.7	

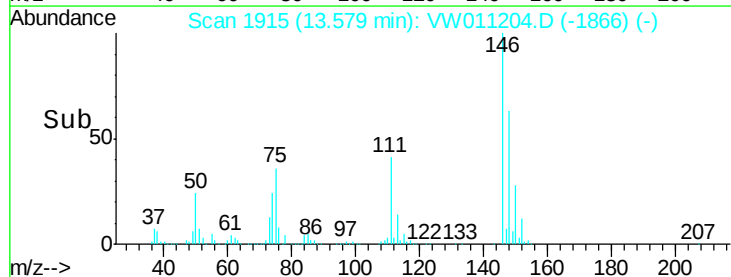
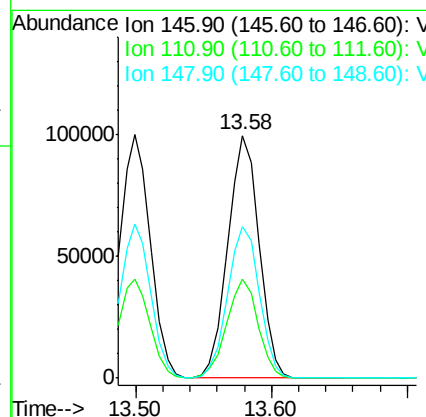
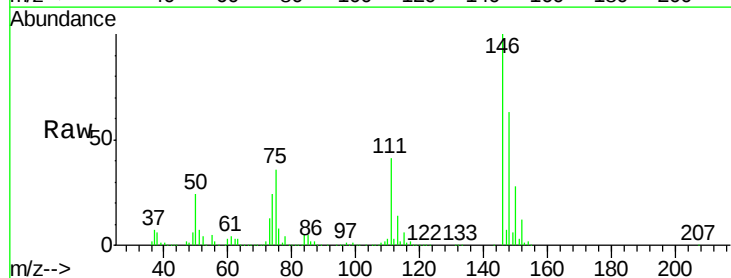
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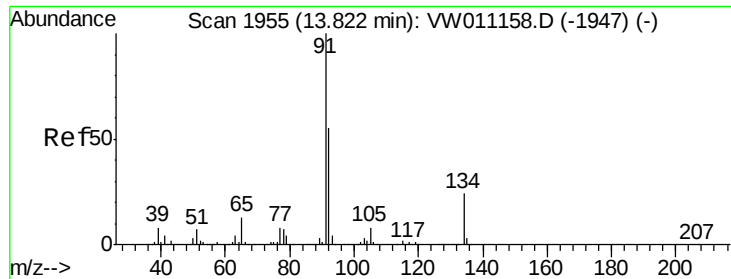
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#88
 1,4-Dichlorobenzene
 Concen: 48.184 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	159222		
111	40.9	19.9	59.7	
148	63.7	31.5	94.5	





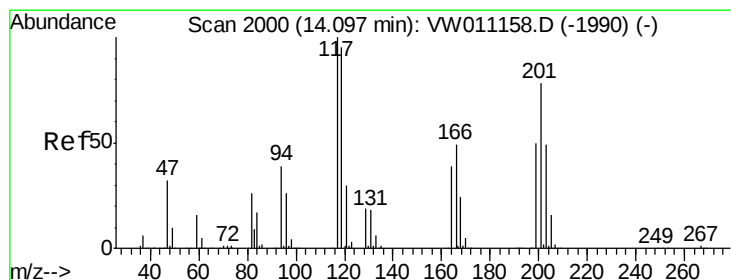
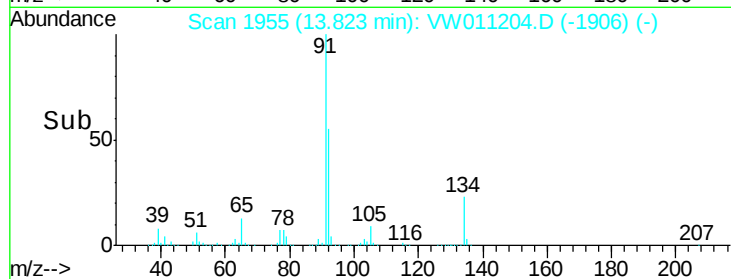
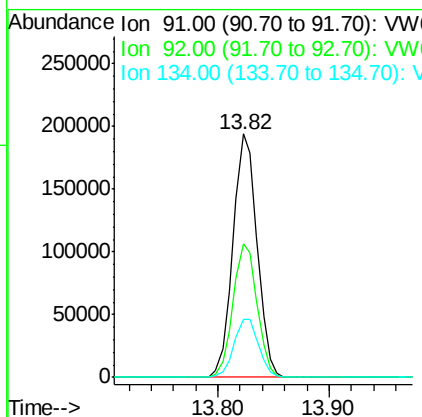
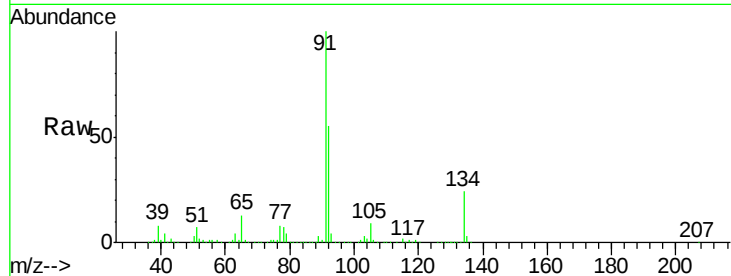
#89
n-Butylbenzene
Concen: 41.831 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	290816		
92	54.7	26.9	80.7	
134	24.5	12.2	36.4	

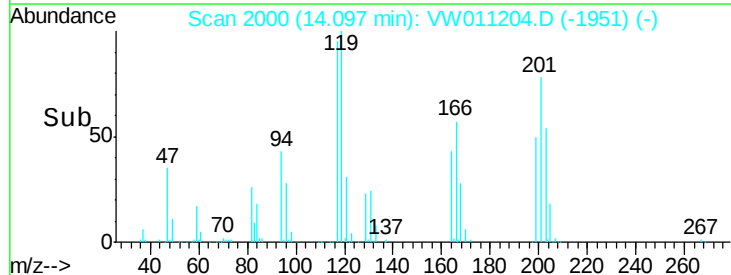
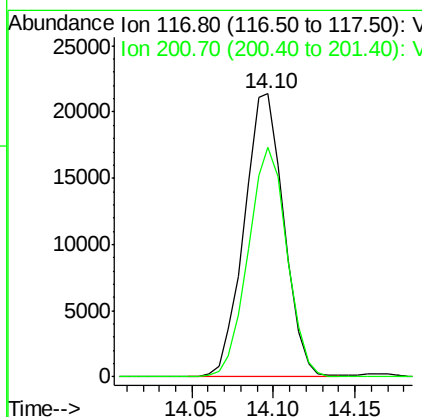
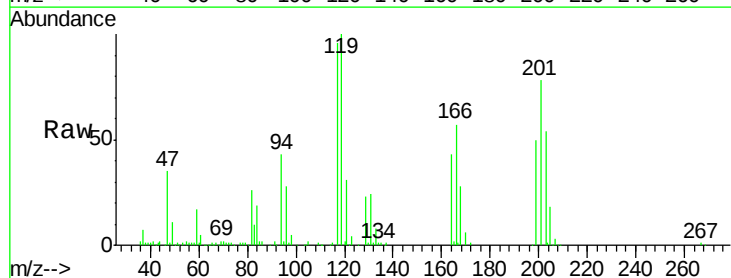
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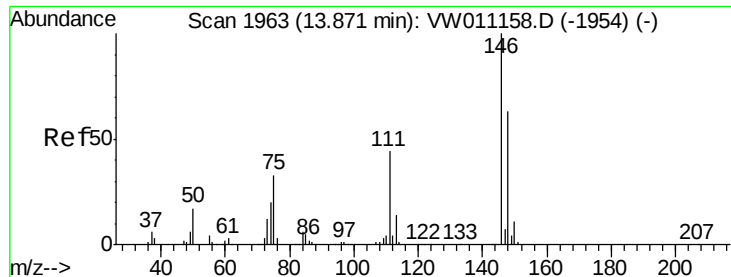
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#90
Hexachloroethane
Concen: 28.446 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	36226		
201	79.0	38.3	114.8	





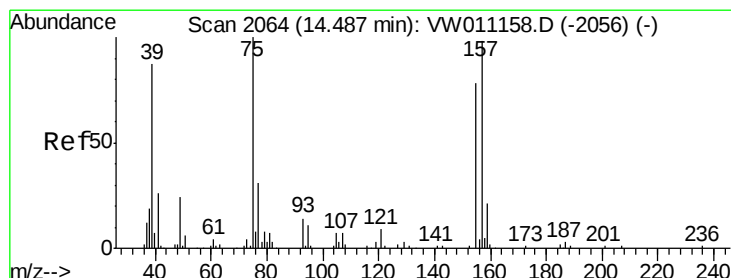
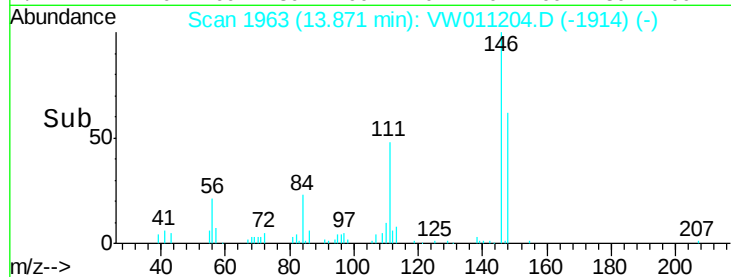
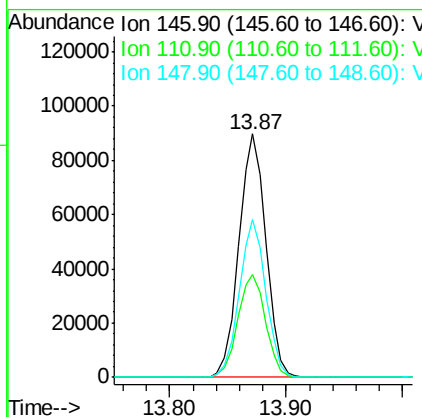
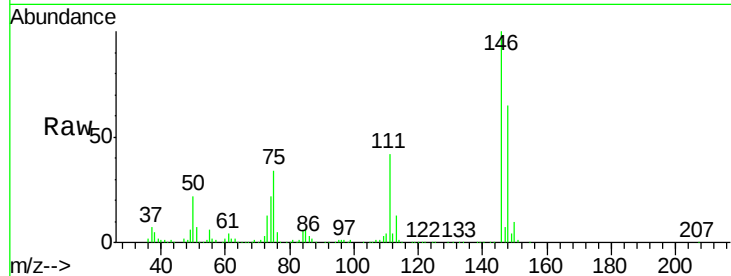
#91
 1,2-Dichlorobenzene
 Concen: 48.748 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.6	65.0
148	63.5	31.9	95.5

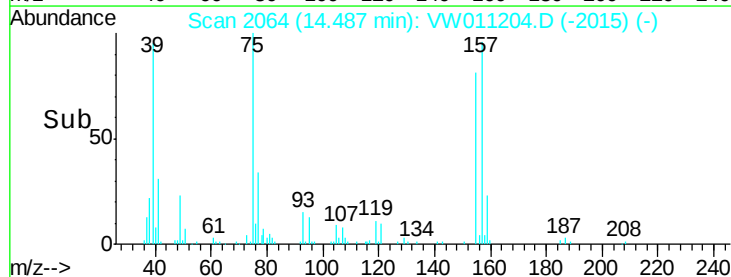
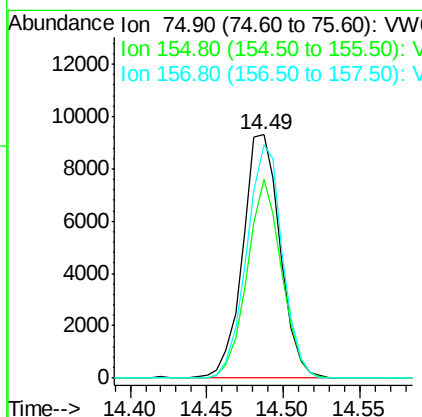
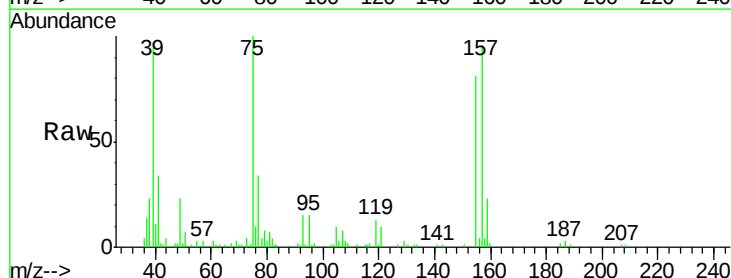
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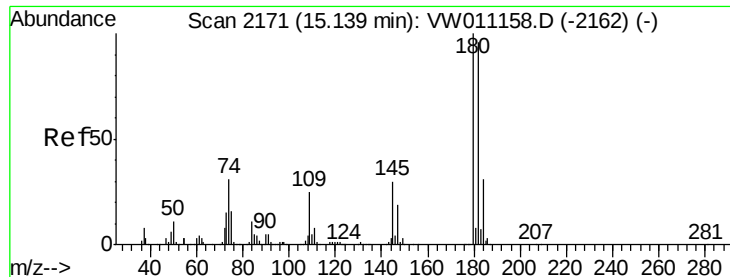
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.013 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.3	37.1	111.3
157	91.5	48.5	145.6





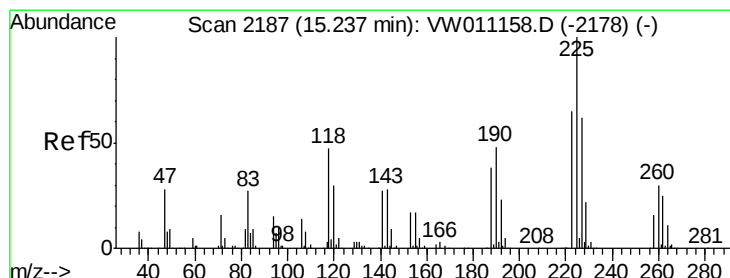
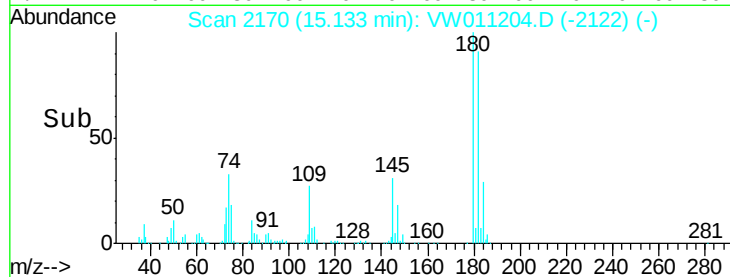
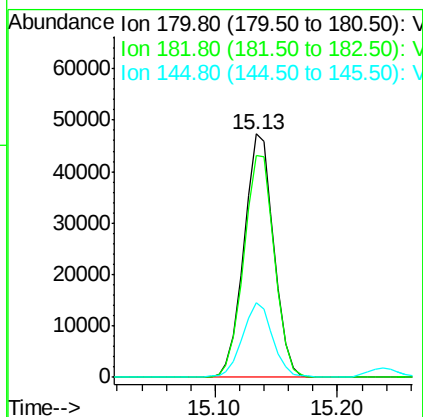
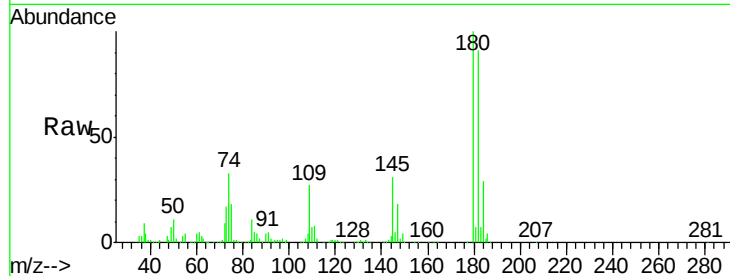
#93
 1,2,4-Trichlorobenzene
 Concen: 38.905 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	79776		
182	94.1	48.3	144.9	
145	31.3	15.5	46.5	

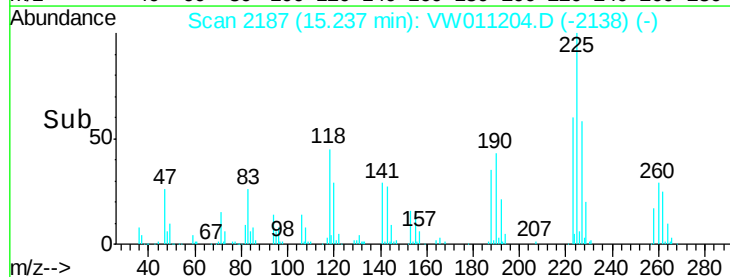
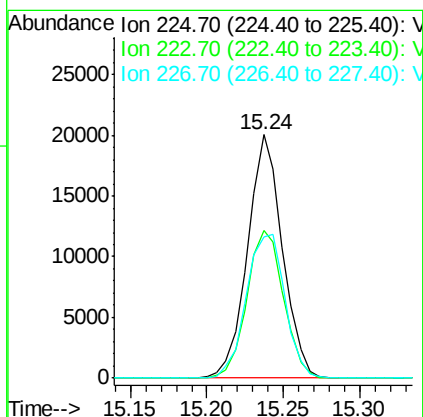
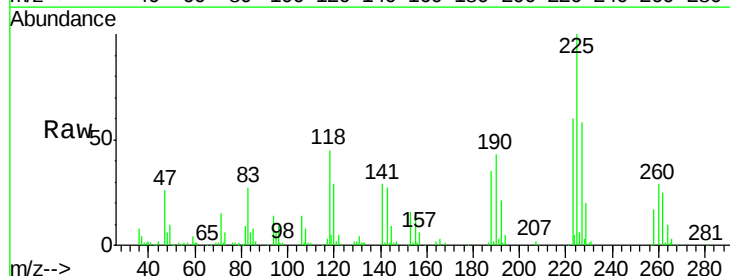
Manual Integrations
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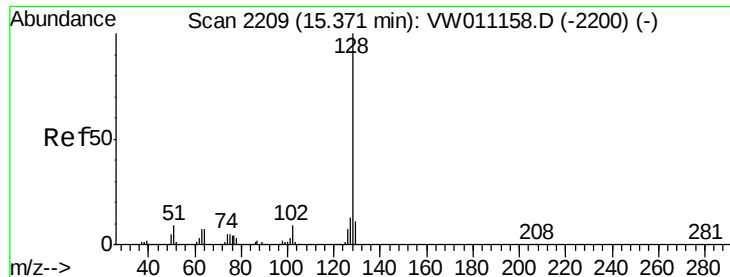
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#94
 Hexachlorobutadiene
 Concen: 25.157 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011204.D
 Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31670		
223	63.7	31.6	95.0	
227	65.9	32.0	96.0	





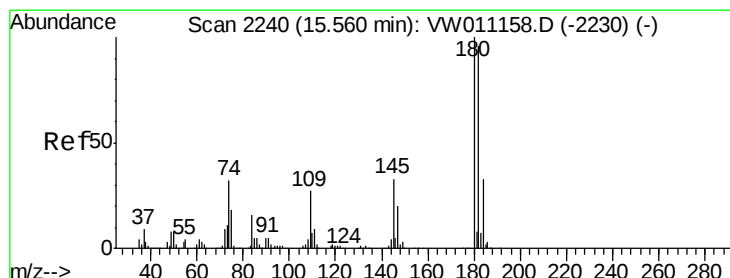
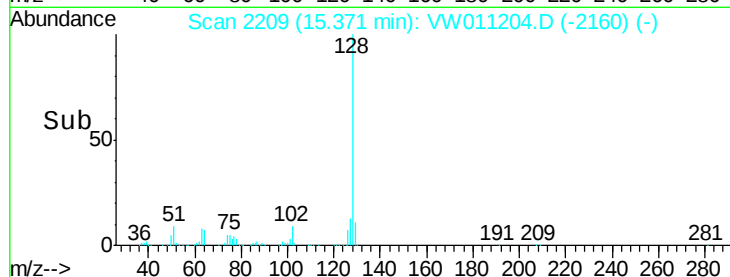
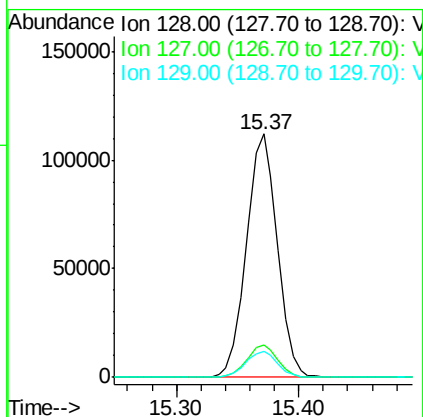
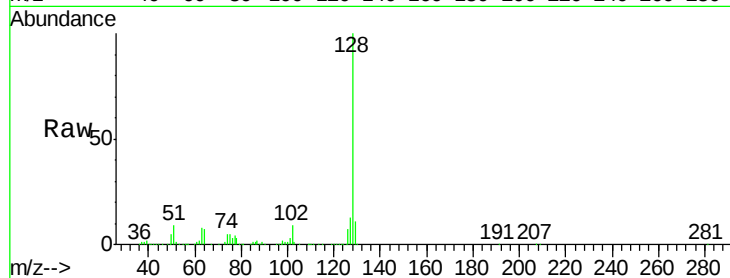
#95
Naphthalene
Concen: 49.920 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
KY030LC068-SD-190709MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	196158		
127	13.3	10.6	16.0	
129	11.0	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 38.037 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011204.D
Acq: 10 Jul 2019 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68836		
182	97.5	47.6	142.8	
145	33.4	16.5	49.5	

