

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\
 Data File : VY000188.D
 Acq On : 03 Oct 2019 17:08
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:51:14 PM

Quant Time: Oct 04 06:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 06:00:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	460928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	704215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	631641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	323113	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	239367	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
35) Dibromofluoromethane	7.73	113	216485	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
50) Toluene-d8	10.18	98	833000	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.48	95	296949	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	200757	51.289	ug/l	95
3) Chloromethane	2.11	50	245543	53.327	ug/l	100
4) Vinyl Chloride	2.25	62	275262	55.928	ug/l	98
5) Bromomethane	2.62	94	191586m	61.243	ug/l	
6) Chloroethane	2.78	64	167529	53.109	ug/l	97
7) Trichlorofluoromethane	3.12	101	349963	49.694	ug/l	99
8) Diethyl Ether	3.53	74	143129	49.839	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	205099	49.164	ug/l	99
10) Methyl Iodide	4.09	142	361238	47.877	ug/l	100
11) Tert butyl alcohol	4.97	59	607966	249.870	ug/l	100
12) 1,1-Dichloroethene	3.87	96	217850	49.851	ug/l	97
13) Acrolein	3.73	56	242389	243.682	ug/l	99
14) Allyl chloride	4.48	41	303076	52.755	ug/l	96
15) Acrylonitrile	5.18	53	1030726	259.494	ug/l	99
16) Acetone	3.95	43	862432	267.393	ug/l	98
17) Carbon Disulfide	4.19	76	629459	53.436	ug/l	98
18) Methyl Acetate	4.48	43	452909	51.704	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	720466	51.197	ug/l	98
20) Methylene Chloride	4.72	84	236965	49.236	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	240284	50.784	ug/l	94
22) Diisopropyl ether	6.13	45	703909	53.600	ug/l	98
23) Vinyl Acetate	6.07	43	3313782	272.100	ug/l	98
24) 1,1-Dichloroethane	6.03	63	384820	51.972	ug/l	99
25) 2-Butanone	7.00	43	1572007	274.038	ug/l	97
26) 2,2-Dichloropropane	6.99	77	352628	46.439	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	271277	50.470	ug/l	98
28) Bromochloromethane	7.35	49	135216	52.720	ug/l	99
29) Tetrahydrofuran	7.36	42	1082740	267.301	ug/l	98
30) Chloroform	7.52	83	409935	50.130	ug/l	98
31) Cyclohexane	7.79	56	356517	48.044	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	368260	50.138	ug/l	99
36) 1,1-Dichloropropene	7.92	75	310230	49.645	ug/l	98
37) Ethyl Acetate	7.08	43	505819	51.672	ug/l	99
38) Carbon Tetrachloride	7.91	117	331659	48.997	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	397573	49.494	ug/l	99
40) Benzene	8.17	78	952733	50.586	ug/l	95
41) Methacrylonitrile	7.33	41	218451m	51.387	ug/l	
42) 1,2-Dichloroethane	8.25	62	303088	50.460	ug/l	99
43) Isopropyl Acetate	8.28	43	666689	52.269	ug/l	99
44) Trichloroethene	8.94	130	283412	49.093	ug/l	96
45) 1,2-Dichloropropane	9.22	63	225628	50.042	ug/l	97
46) Dibromomethane	9.31	93	168273	49.649	ug/l	97
47) Bromodichloromethane	9.50	83	327093	51.234	ug/l	99
48) Methyl methacrylate	9.30	41	293185	52.206	ug/l	99
49) 1,4-Dioxane	9.30	88	174180	1003.886	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	2552161	269.513	ug/l	100
52) Toluene	10.25	92	622744	50.380	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	379333	51.736	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	395526	49.786	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	249187	52.069	ug/l	98
56) Ethyl methacrylate	10.52	69	412594	52.885	ug/l	98
57) 1,3-Dichloropropane	10.79	76	398571	50.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	1007659	270.816	ug/l	99
59) 2-Hexanone	10.84	43	2204236	275.769	ug/l	99
60) Dibromochloromethane	10.99	129	290287	51.449	ug/l	100
61) 1,2-Dibromoethane	11.09	107	269550	50.334	ug/l	99
64) Tetrachloroethene	10.72	164	284210	48.011	ug/l	99
65) Chlorobenzene	11.52	112	672880	49.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	252510	49.343	ug/l	99
67) Ethyl Benzene	11.59	91	1173742	50.255	ug/l	98
68) m/p-Xylenes	11.70	106	939289	100.048	ug/l	99
69) o-Xylene	12.03	106	451846	50.603	ug/l	98
70) Styrene	12.05	104	774366	51.404	ug/l	100
71) Bromoform	12.21	173	238610	52.355	ug/l	99
73) Isopropylbenzene	12.33	105	1167152	49.088	ug/l	100
74) N-amyl acetate	12.14	43	543587	49.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	388614	52.314	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	272166m	49.943	ug/l	
77) Bromobenzene	12.61	156	302084	49.232	ug/l	96
78) n-propylbenzene	12.67	91	1342342	50.331	ug/l	99
79) 2-Chlorotoluene	12.75	91	772741	50.773	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	993308	50.343	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	172763	52.105	ug/l #	89
82) 4-Chlorotoluene	12.86	91	798559	50.751	ug/l	99
83) tert-Butylbenzene	13.08	119	868770	49.943	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	992392	51.090	ug/l	99
85) sec-Butylbenzene	13.25	105	1189282	50.373	ug/l	99
86) p-Isopropyltoluene	13.37	119	1088724	50.581	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	551437	49.205	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	558448	49.402	ug/l	99
89) n-Butylbenzene	13.70	91	973770	51.278	ug/l	100
90) Hexachloroethane	13.96	117	207541	52.123	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	538738	49.060	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	125471	49.511	ug/l	100

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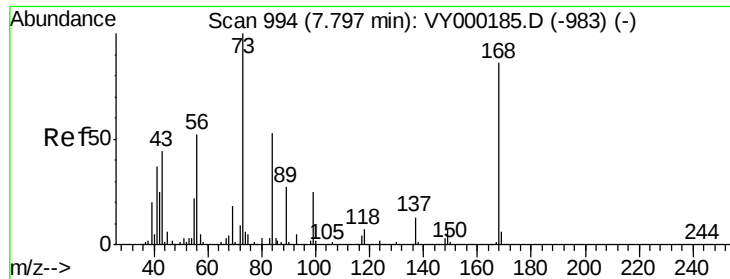
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	393441	50.721	ug/l	99
94) Hexachlorobutadiene	15.11	225	192161	49.595	ug/l	97
95) Naphthalene	15.23	128	1382596	50.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	387763	50.599	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

Tot Ion:168 Resp: 460928

Ion Ratio Lower Upper

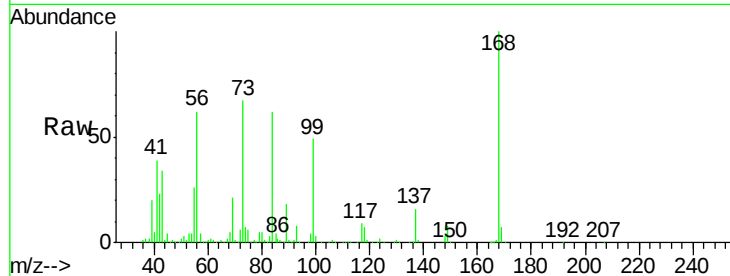
168 100

99 49.0 39.0 58.6

Manual Integrations
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10/7/2019 12:51:14 PM



Abundance Ion 167.90 (167.60 to 168.60): VY000188.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY000188.D (-945) (-)

7.80

200000

150000

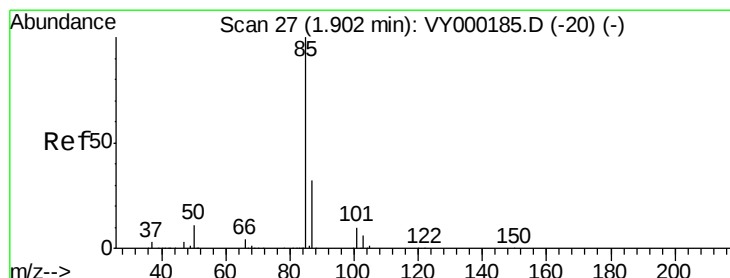
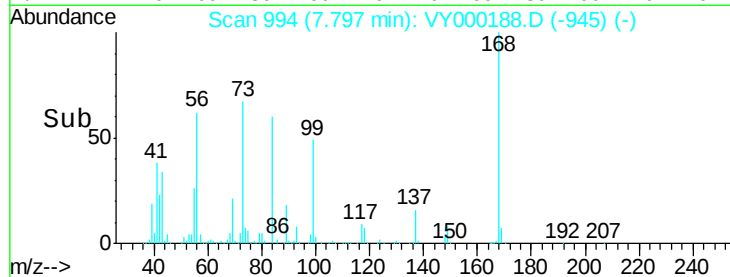
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.289 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000188.D

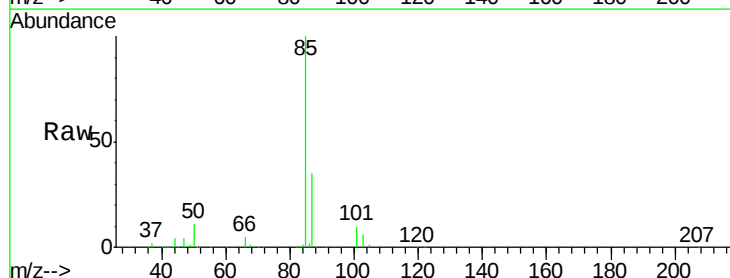
Acq: 03 Oct 2019 17:08

Tgt Ion: 85 Resp: 200757

Ion Ratio Lower Upper

85 100

87 34.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY000188.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000188.D (-1) (-)

1.90

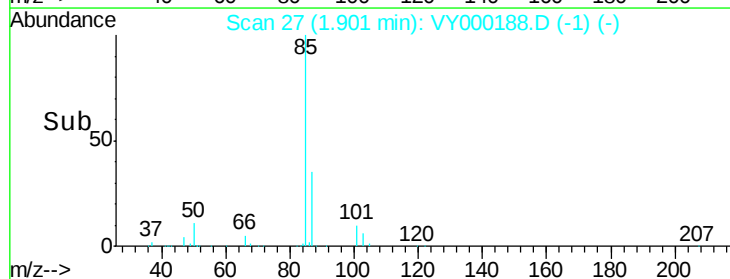
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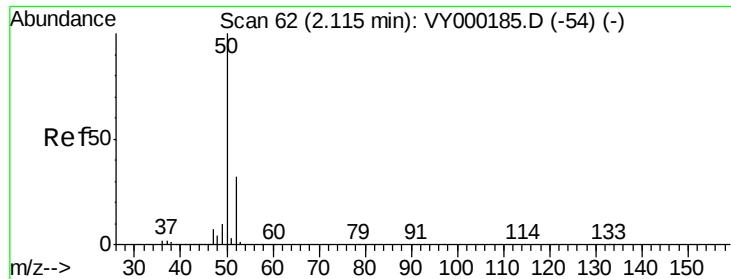
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 53.327 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

Tot Ion: 50 Resp: 245543

Ion Ratio Lower Upper

50 100

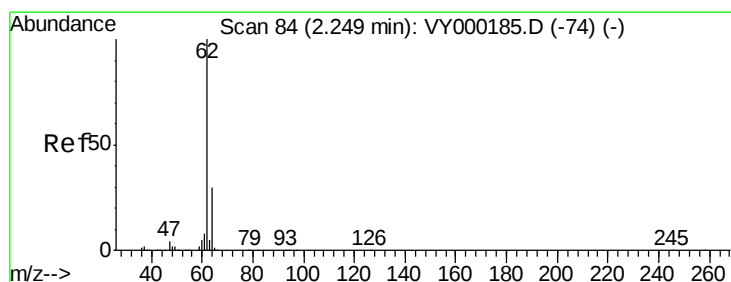
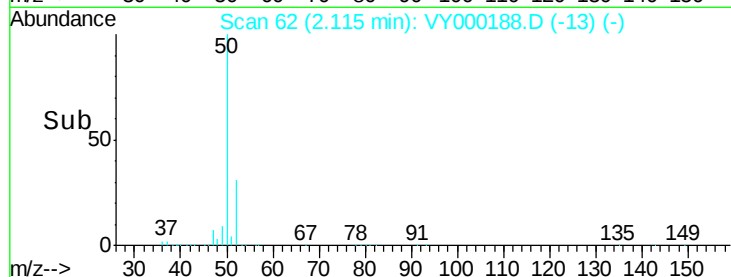
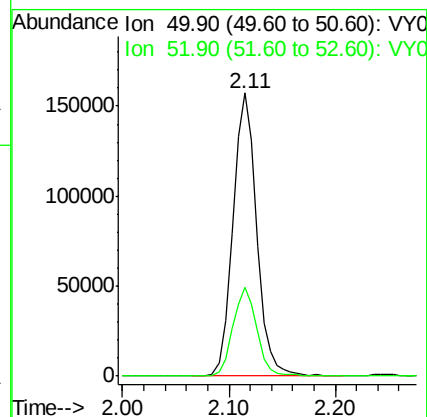
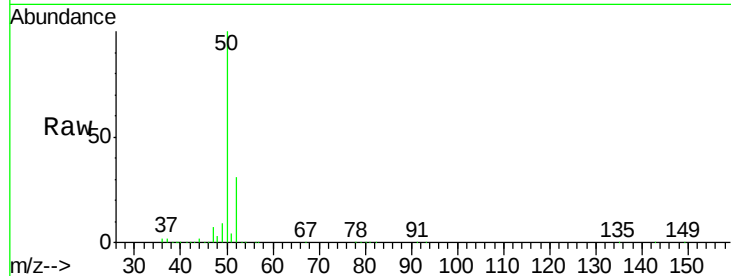
52 31.3 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.928 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000188.D

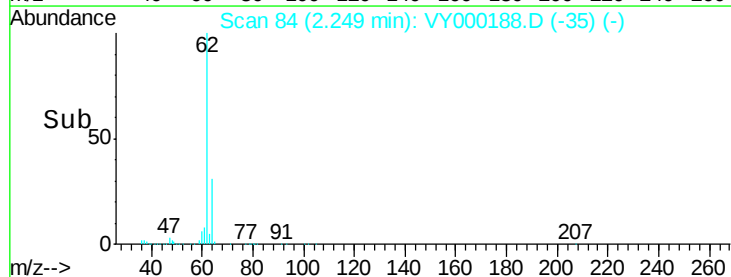
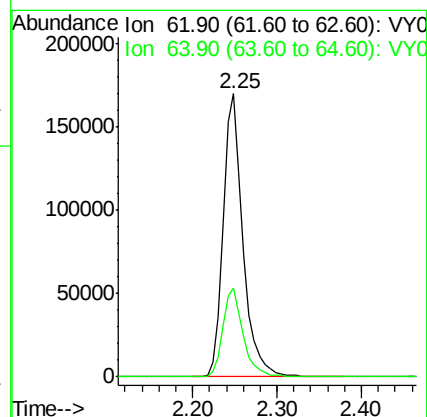
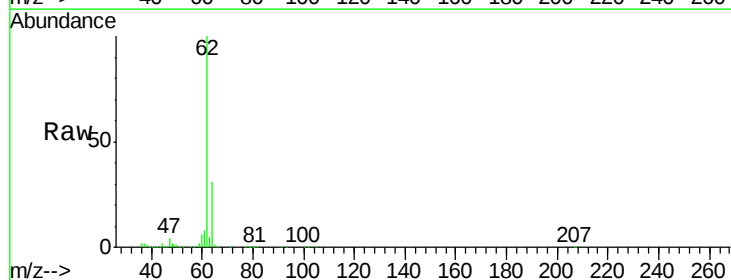
Acq: 03 Oct 2019 17:08

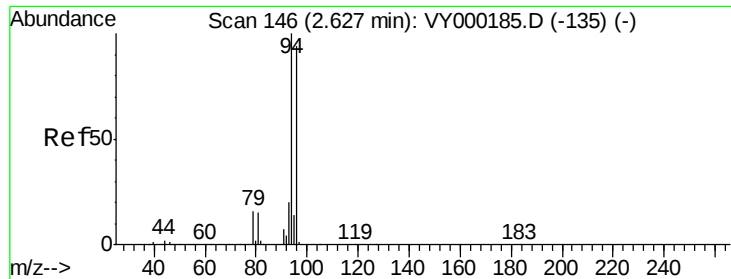
Tgt Ion: 62 Resp: 275262

Ion Ratio Lower Upper

62 100

64 31.3 24.3 36.5





#5

Bromomethane

Concen: 61.243 ug/l m

RT: 2.62 min Scan# 145

Delta R.T. -0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

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ICVVY100319

Tot Ion: 94 Resp: 191586

Ion Ratio Lower Upper

94 100

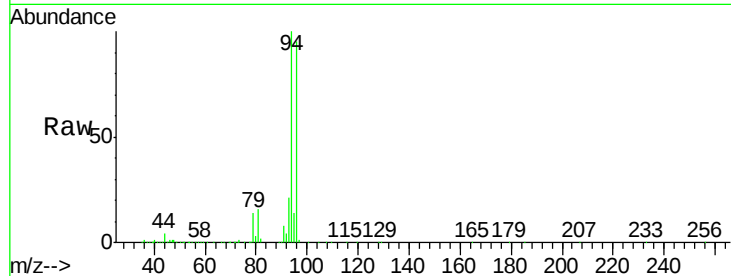
96 94.6 75.3 112.9

Manual Integrations

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10/7/2019 12:51:14 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.62

100000

80000

60000

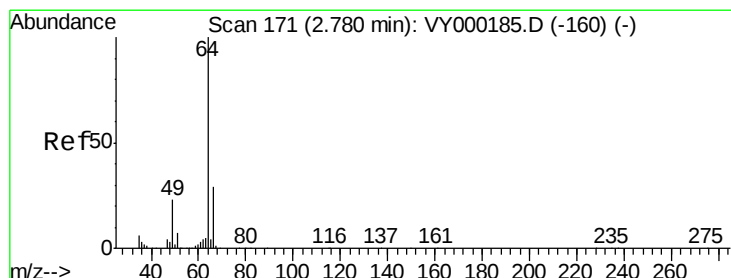
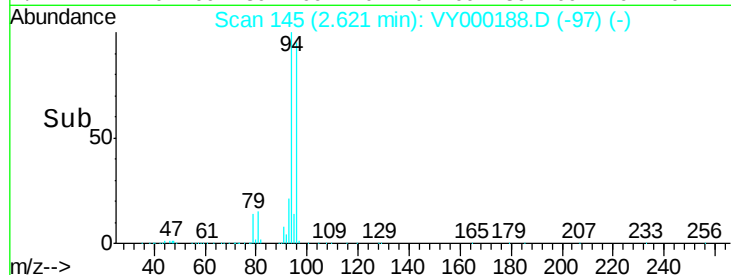
40000

20000

0

Time-->

2.50 2.60 2.70



#6

Chloroethane

Concen: 53.109 ug/l

RT: 2.78 min Scan# 171

Delta R.T. -0.00 min

Lab File: VY000188.D

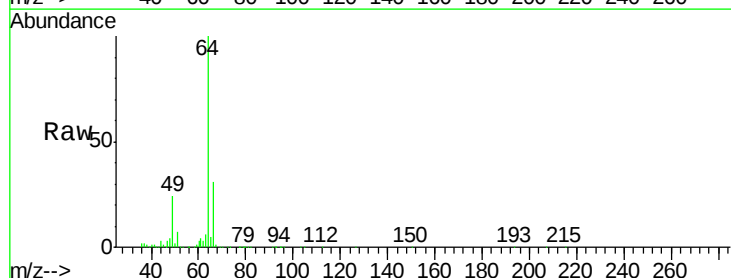
Acq: 03 Oct 2019 17:08

Tgt Ion: 64 Resp: 167529

Ion Ratio Lower Upper

64 100

66 30.6 23.1 34.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.78

80000

60000

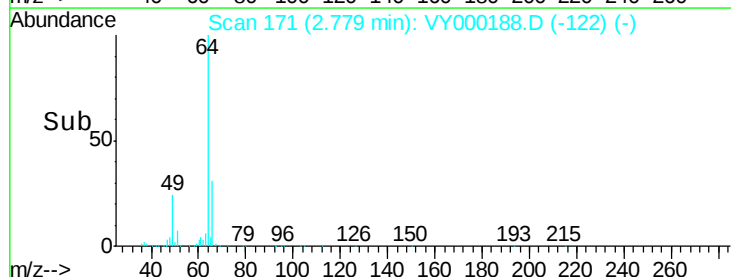
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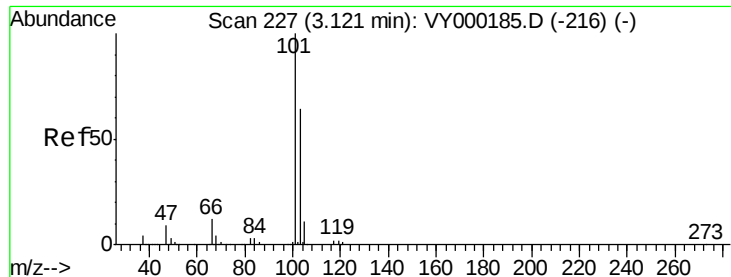
20000

0

Time-->

2.70 2.80 2.90 3.00





#7

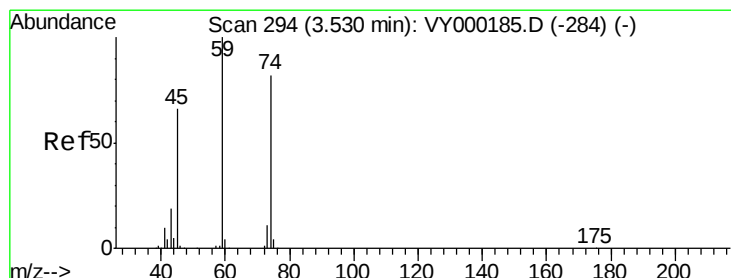
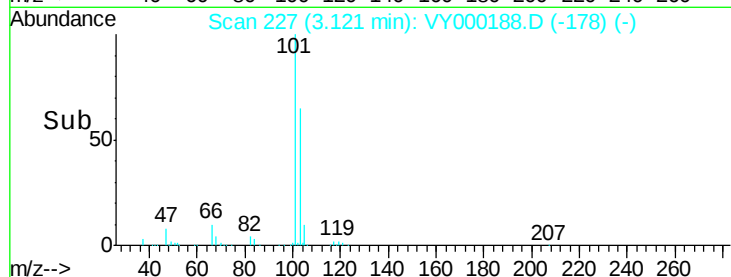
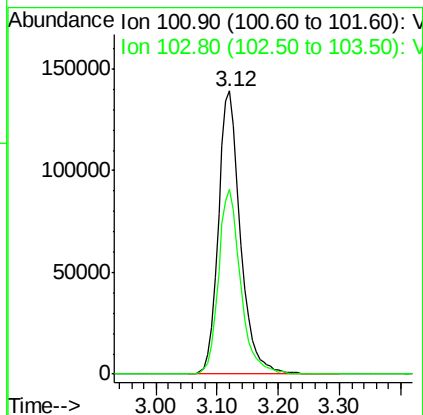
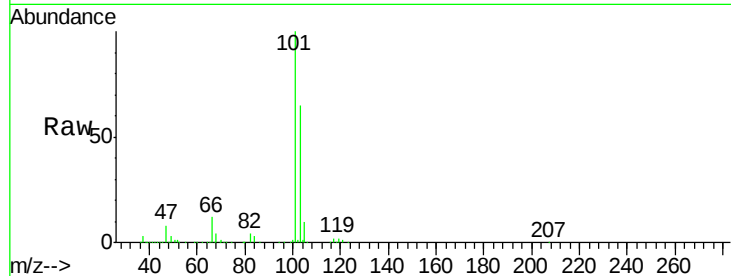
Trichlorofluoromethane
Concen: 49.694 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.00 min
Lab File: VY000188.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.3	76.9

Manual Integrations
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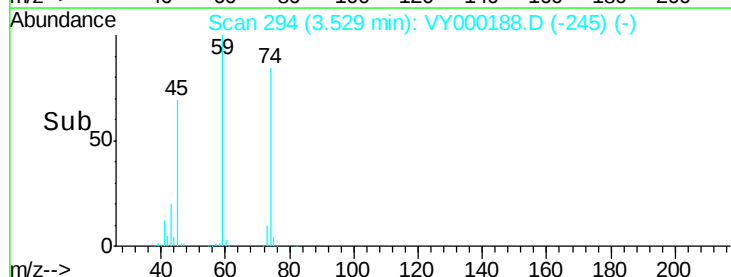
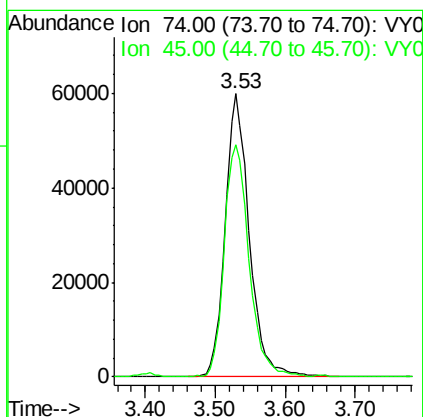
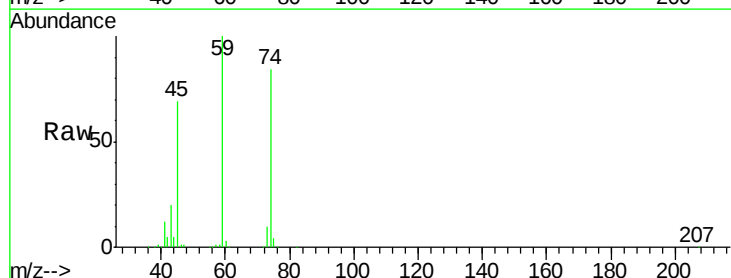
MMDadoda
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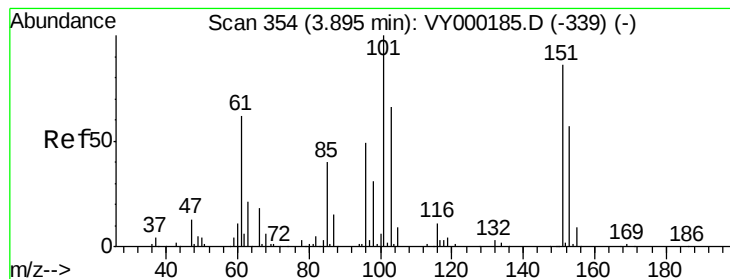


#8

Diethyl Ether
Concen: 49.839 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.8	40.6	121.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.164 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

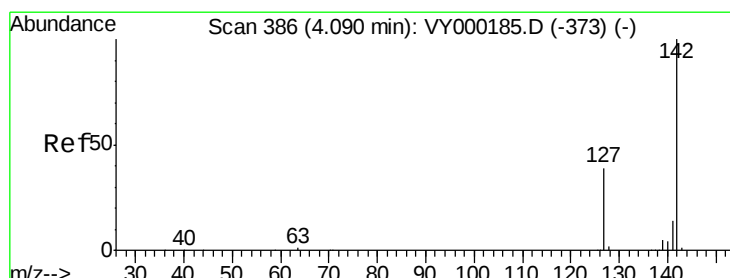
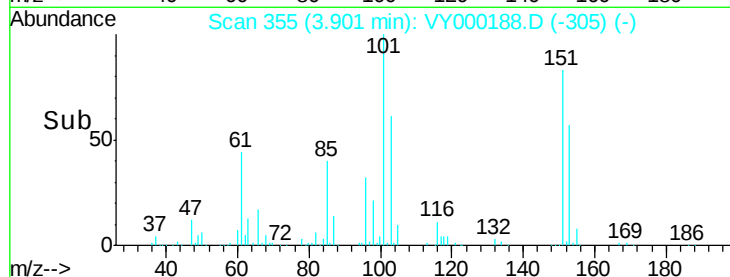
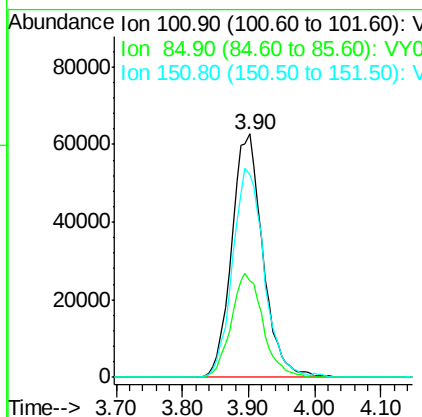
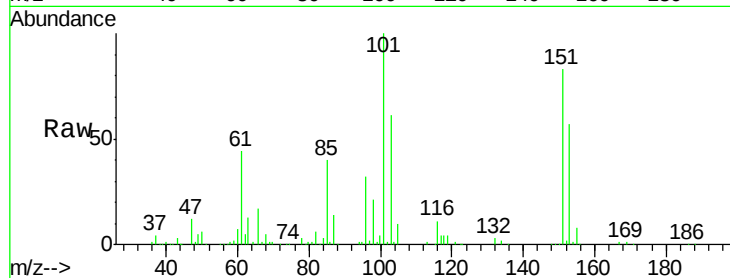
ClientSampleId :

ICVVY100319

Tot Ion:	101	Resp:	205099
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.8	50.6
151	87.0	69.7	104.5

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#10

Methyl Iodide

Concen: 47.877 ug/l

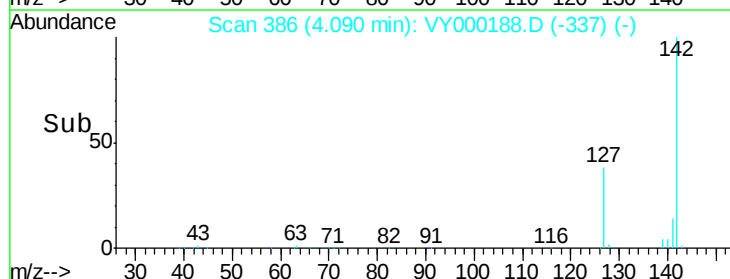
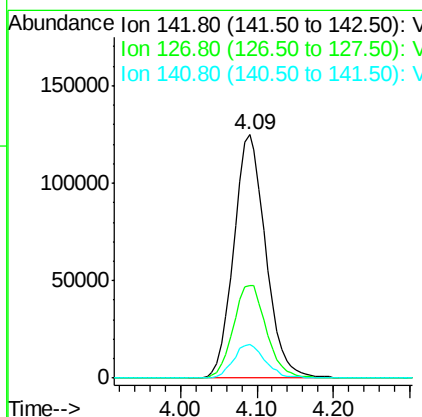
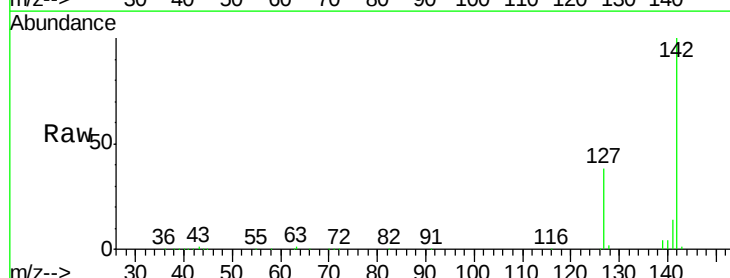
RT: 4.09 min Scan# 386

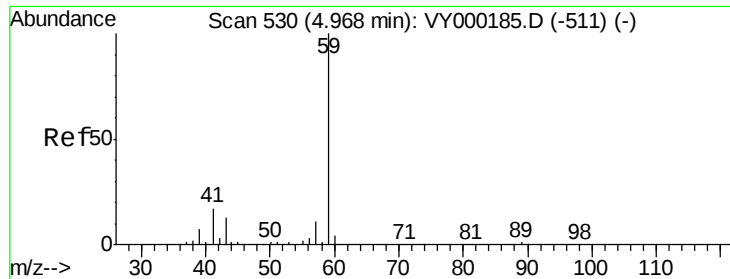
Delta R.T. 0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion:	142	Resp:	361238
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.7	47.5
141	13.9	11.0	16.6





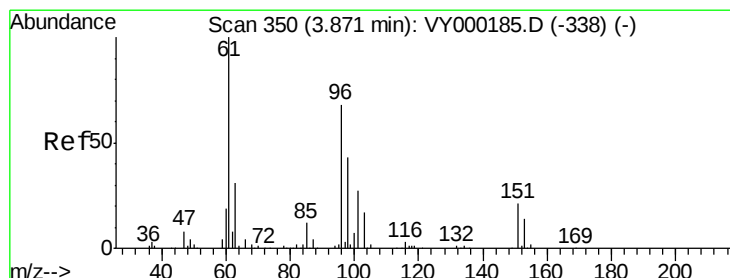
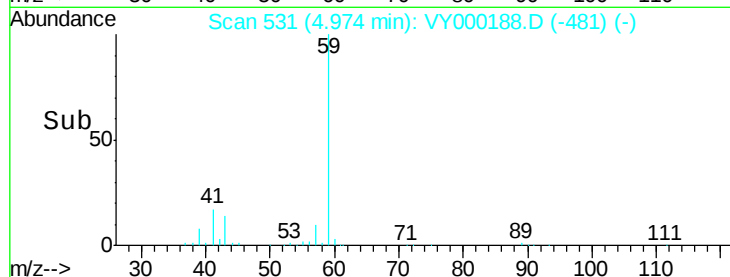
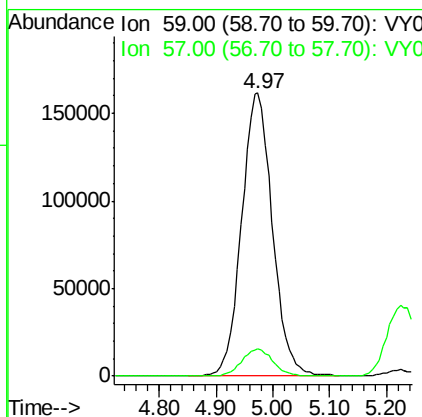
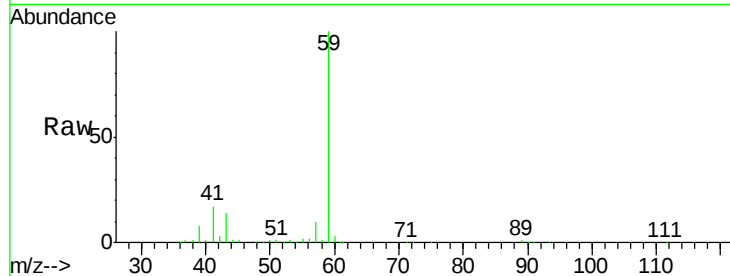
#11
Tert butyl alcohol
Concen: 249.870 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVYVY100319

Tot Ion: 59 Resp: 607966
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

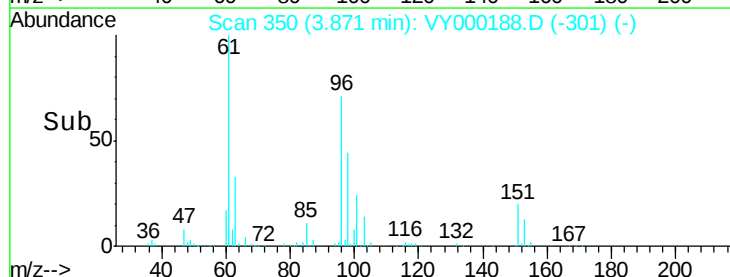
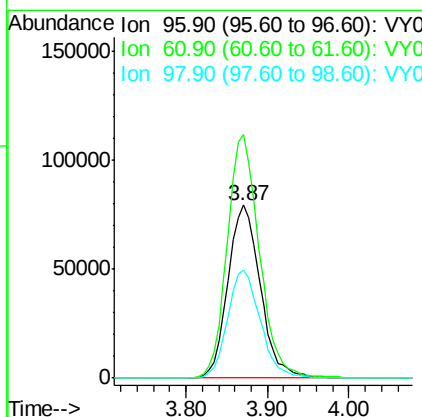
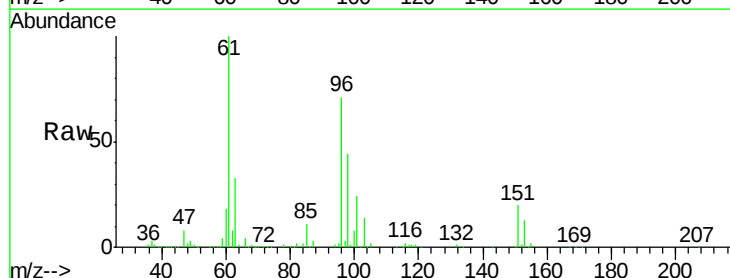
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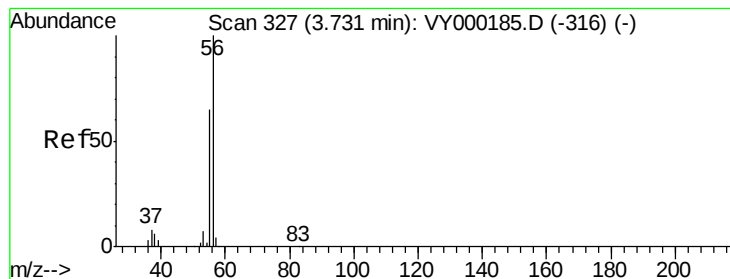
MMDadoda
10/7/2019 12:51:14 PM



#12
1,1-Dichloroethene
Concen: 49.851 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 96 Resp: 217850
Ion Ratio Lower Upper
96 100
61 140.8 117.1 175.7
98 62.5 50.3 75.5





#13

Acrolein

Concen: 243.682 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

Tot Ion: 56 Resp: 242389

Ion Ratio Lower Upper

56 100

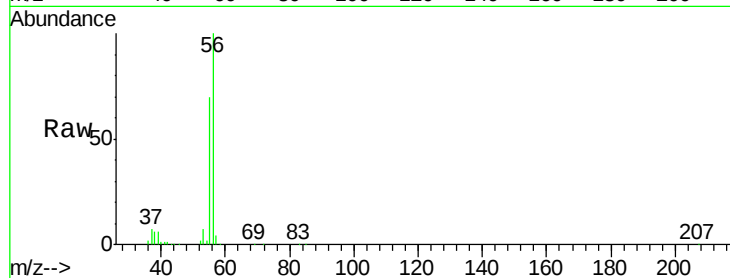
55 68.6 55.5 83.3

Manual Integrations

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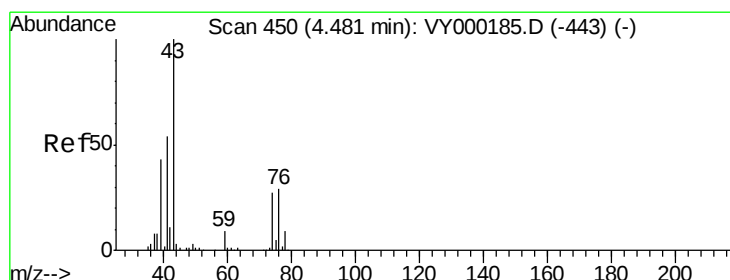
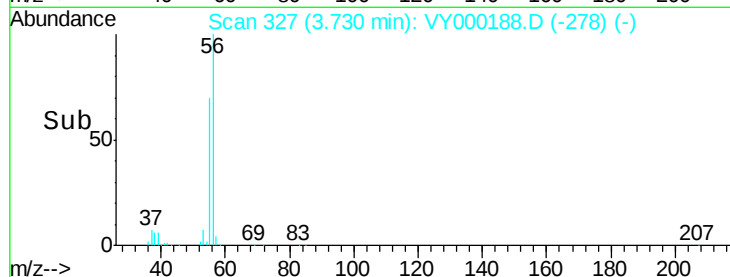
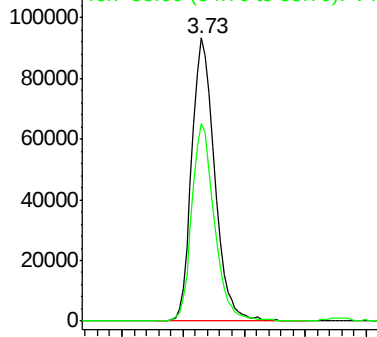
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.755 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

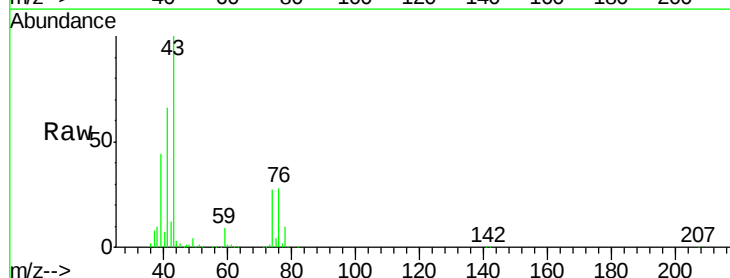
Tgt Ion: 41 Resp: 303076

Ion Ratio Lower Upper

41 100

39 73.7 61.8 92.6

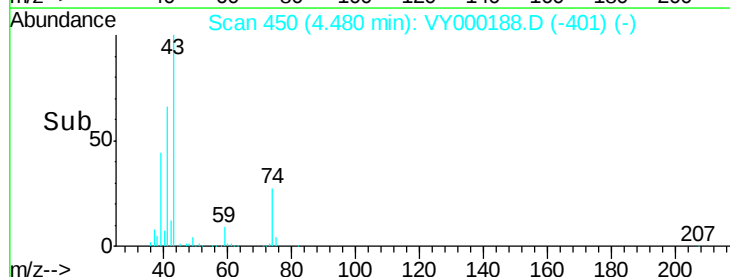
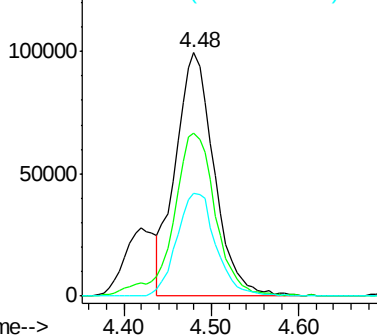
76 43.2 36.2 54.4

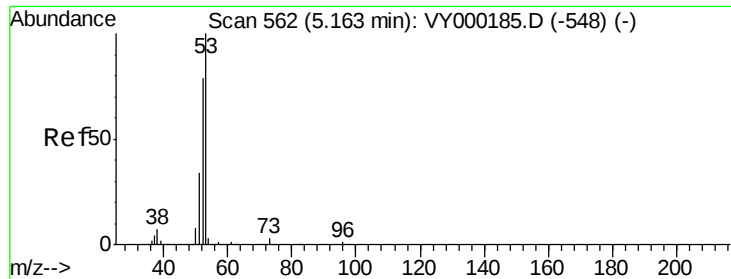


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 259.494 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVY100319

Tot Ion: 53 Resp: 1030726

Ion Ratio Lower Upper

53 100

52 82.1 64.8 97.2

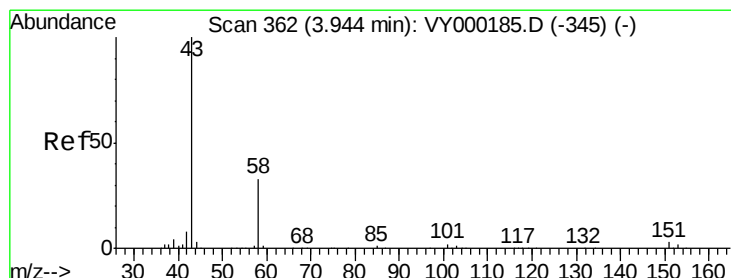
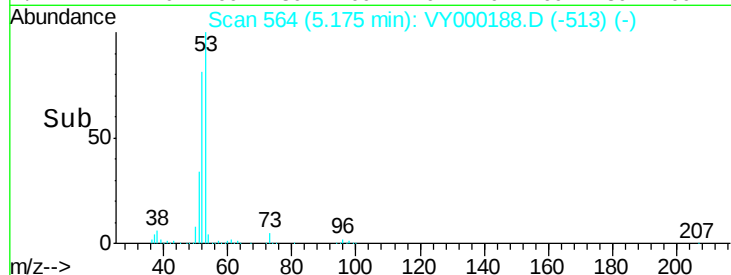
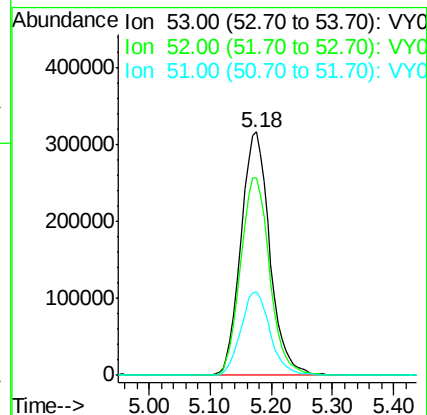
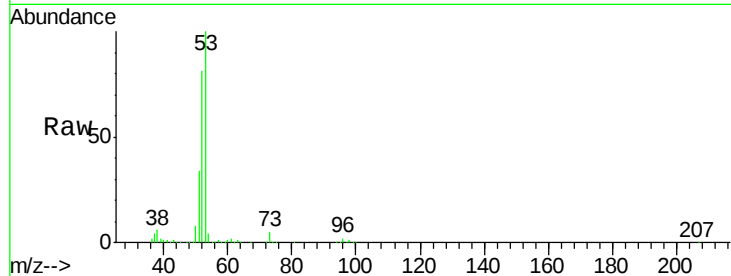
51 35.0 27.7 41.5

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#16

Acetone

Concen: 267.393 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VY000188.D

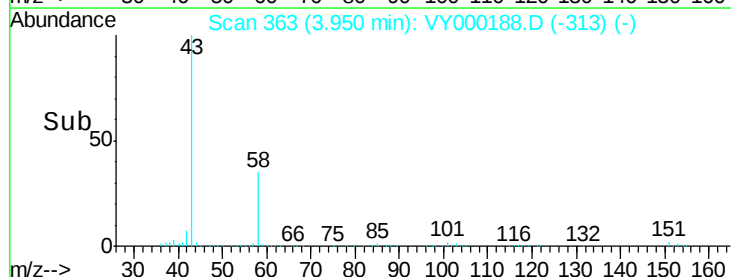
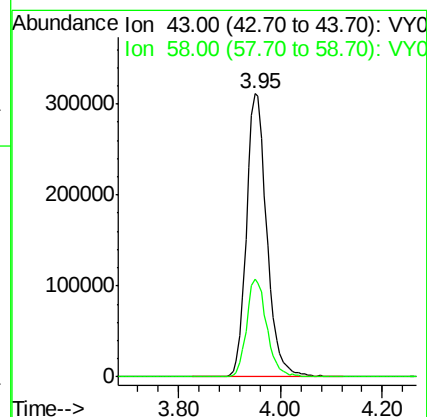
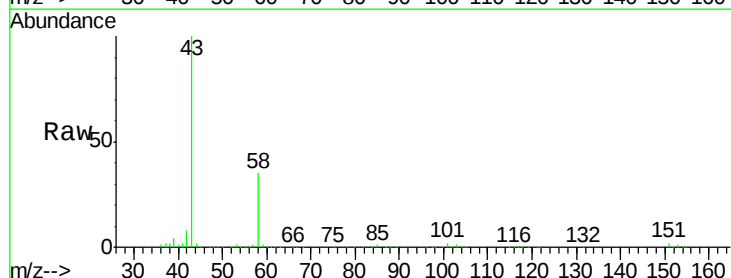
Acq: 03 Oct 2019 17:08

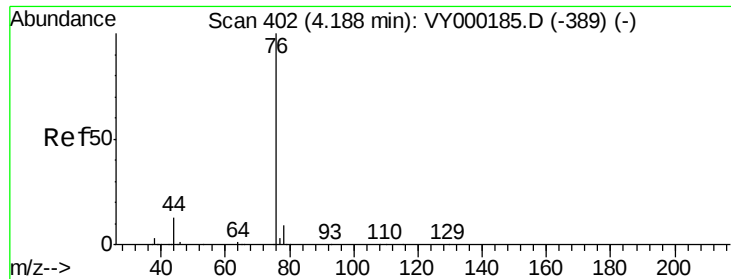
Tgt Ion: 43 Resp: 862432

Ion Ratio Lower Upper

43 100

58 34.6 26.8 40.2





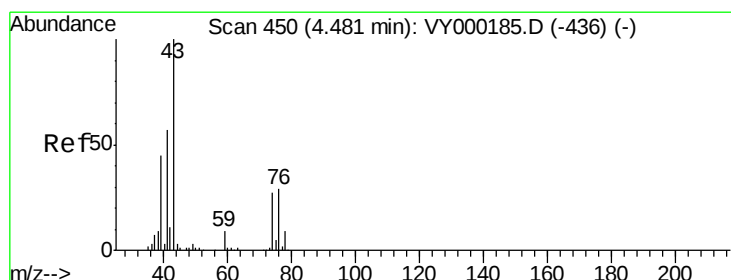
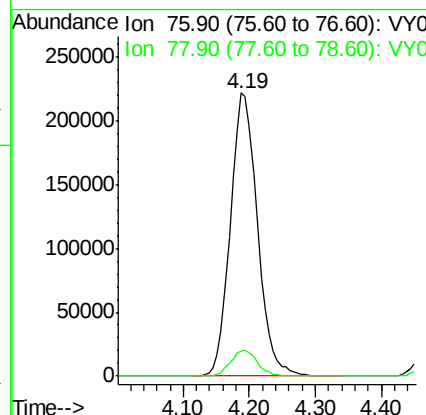
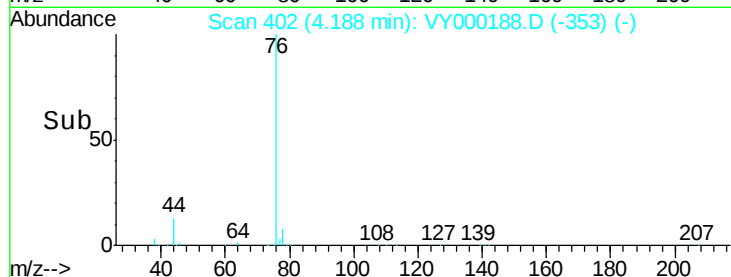
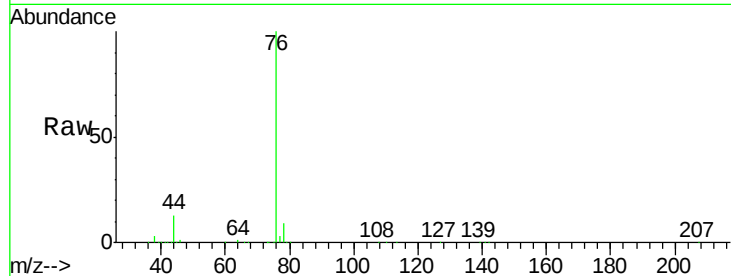
#17
Carbon Disulfide
Concen: 53.436 ug/l
RT: 4.19 min Scan# 402
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.6	11.4

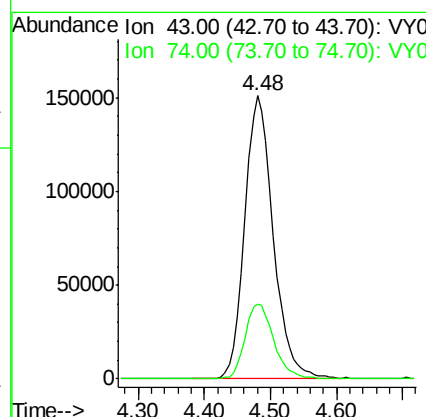
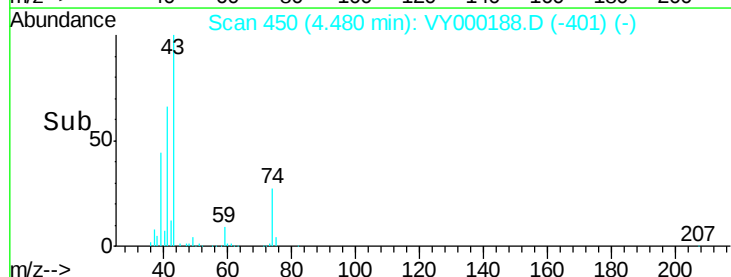
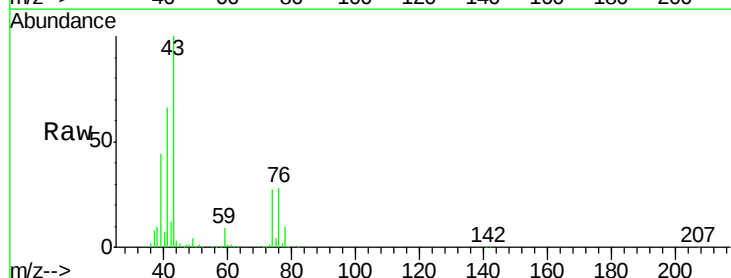
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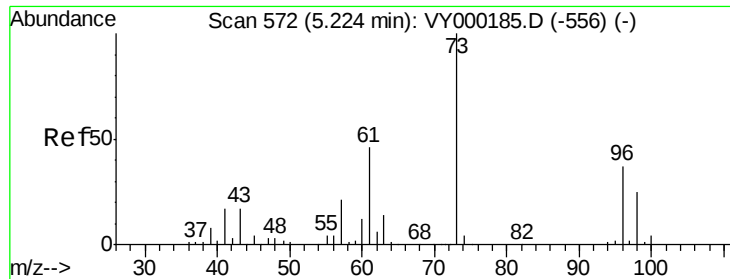
MMDadoda
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#18
Methyl Acetate
Concen: 51.704 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	22.3	33.5





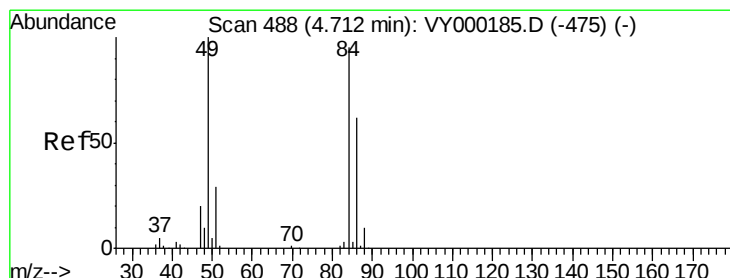
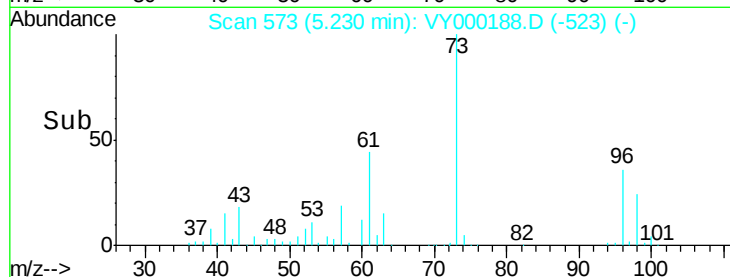
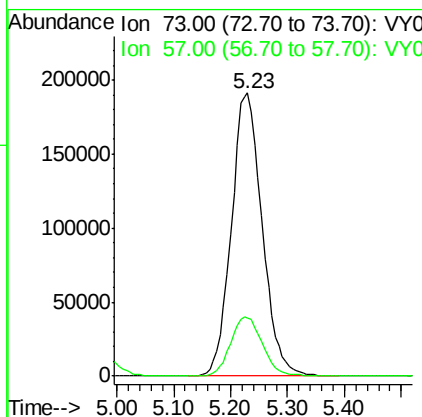
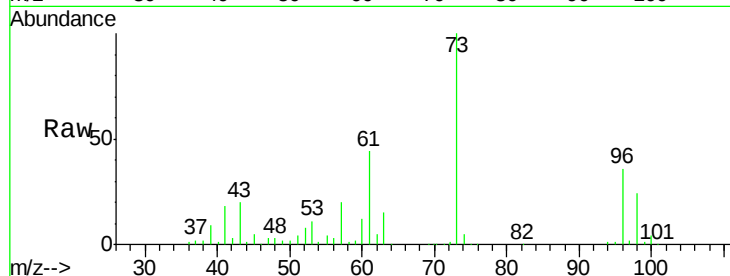
#19
Methvl tert-butvl Ether
Concen: 51.197 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tot Ion: 73 Resp: 720466
Ion Ratio Lower Upper
73 100
57 20.3 16.9 25.3

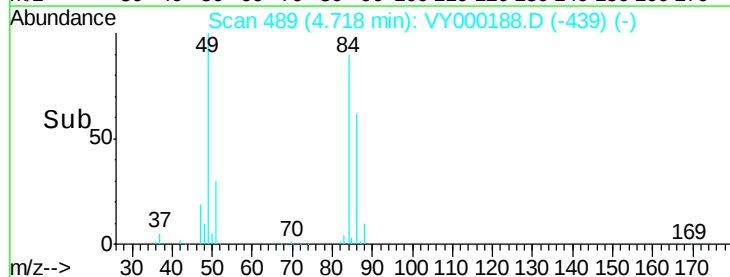
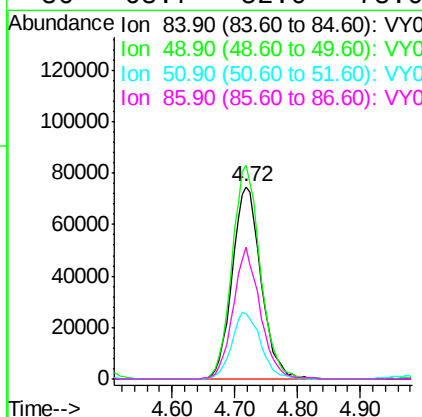
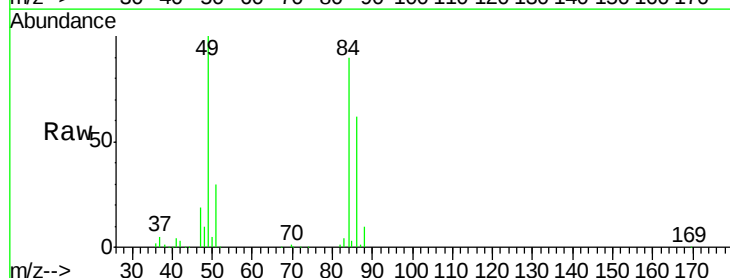
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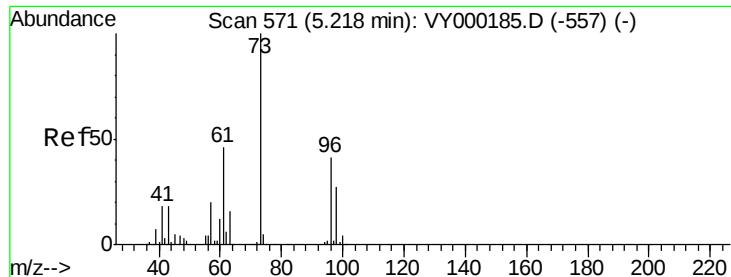
MMDadoda
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#20
Methylene Chloride
Concen: 49.236 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 84 Resp: 236965
Ion Ratio Lower Upper
84 100
49 111.1 84.2 126.4
51 33.7 24.6 37.0
86 68.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.784 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

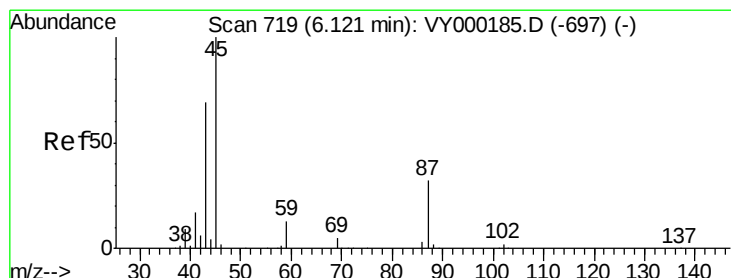
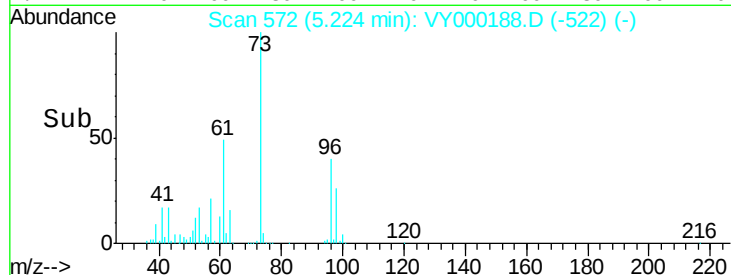
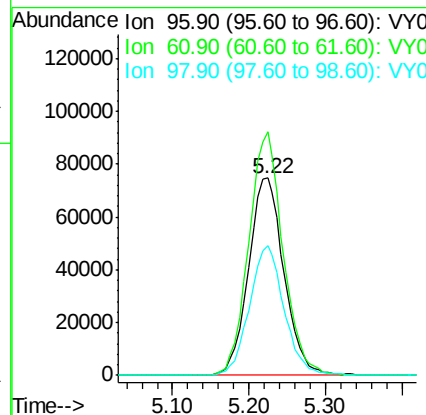
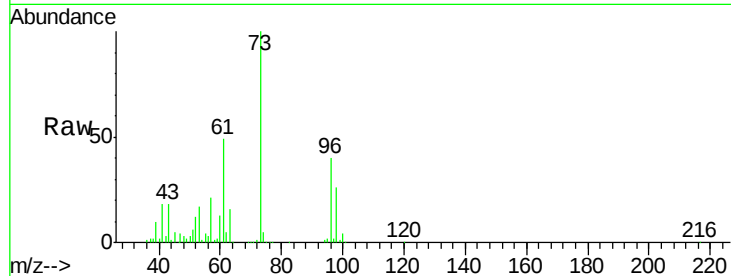
ClientSampleId :

ICVVY100319

Tot Ion:	96	Resp:	240284
Ion	Ratio	Lower	Upper
96	100		
61	123.3	91.4	137.0
98	65.9	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.600 ug/l

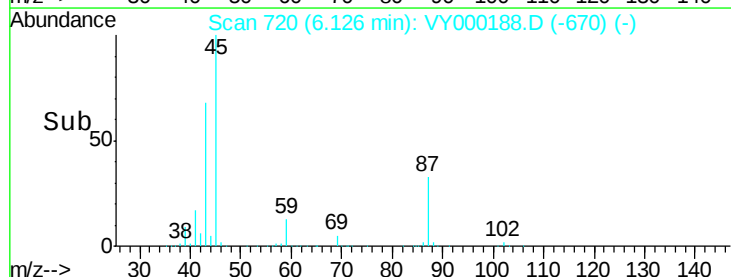
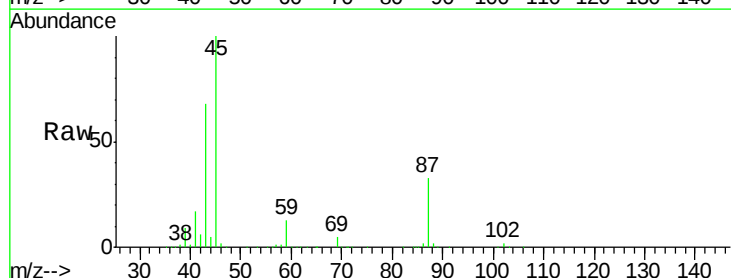
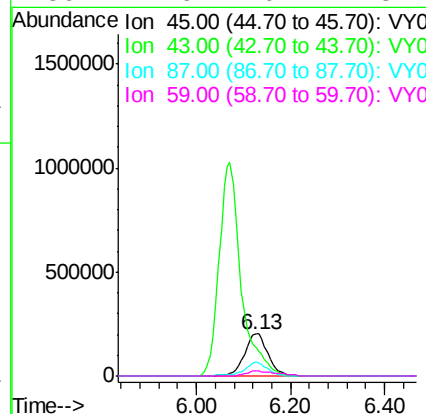
RT: 6.13 min Scan# 720

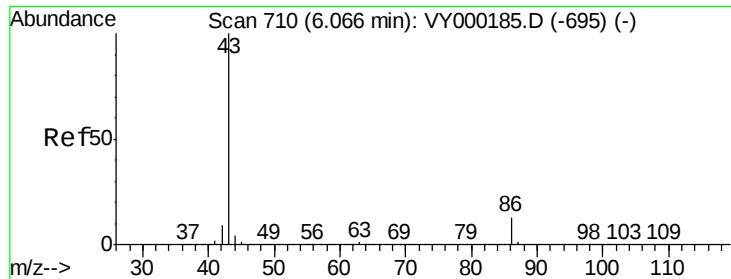
Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion:	45	Resp:	703909
Ion	Ratio	Lower	Upper
45	100		
43	67.4	55.4	83.0
87	32.8	25.8	38.8
59	12.6	10.1	15.1





#23

Vinyl Acetate

Concen: 272.100 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleID :

ICVVY100319

Tot Ion: 43 Resp: 3313782

Ion Ratio Lower Upper

43 100

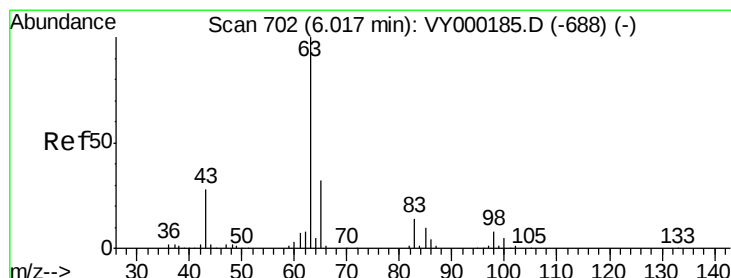
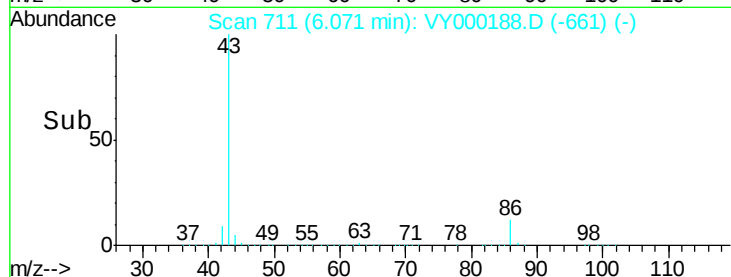
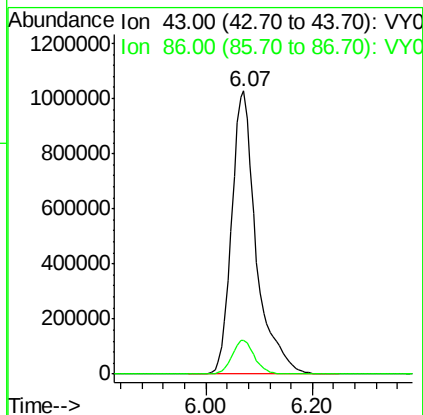
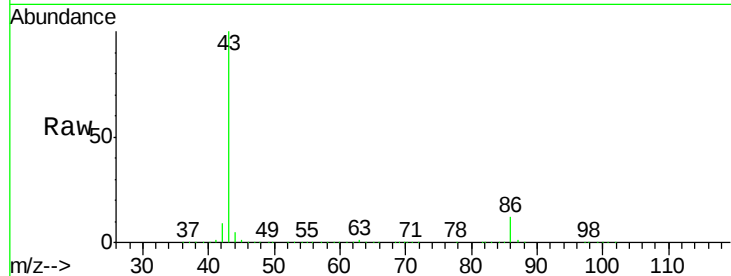
86 12.1 10.2 15.2

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 51.972 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

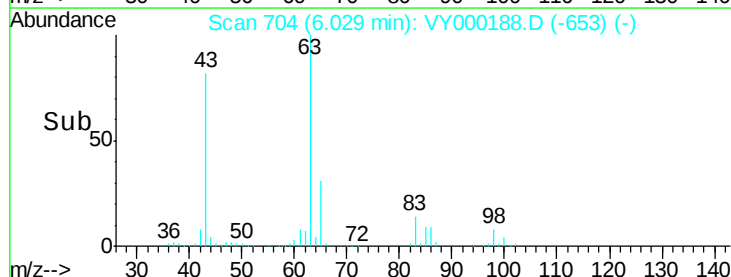
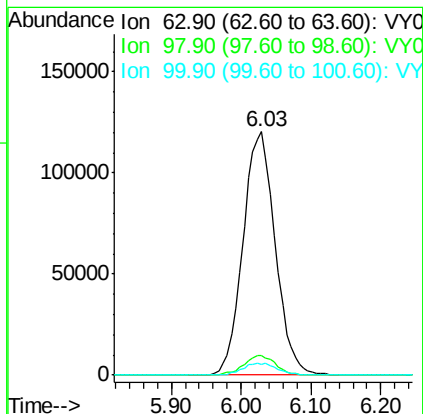
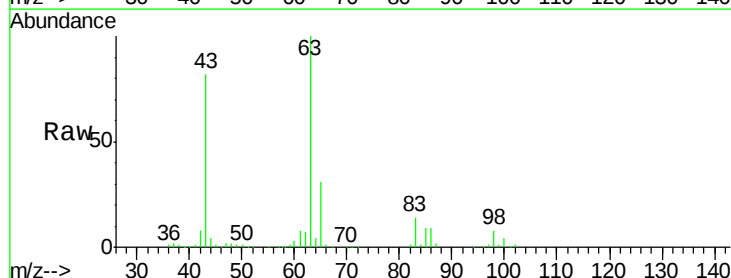
Tgt Ion: 63 Resp: 384820

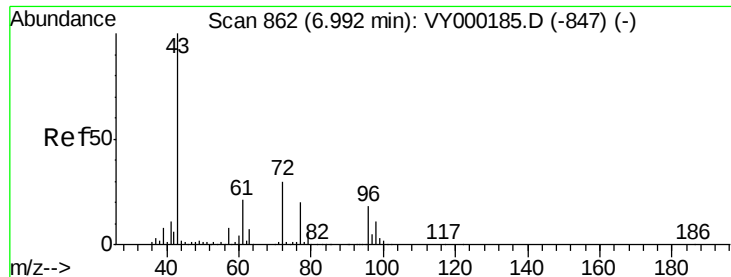
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 274.038 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

Tot Ion: 43 Resp: 1572007

Ion Ratio Lower Upper

43 100

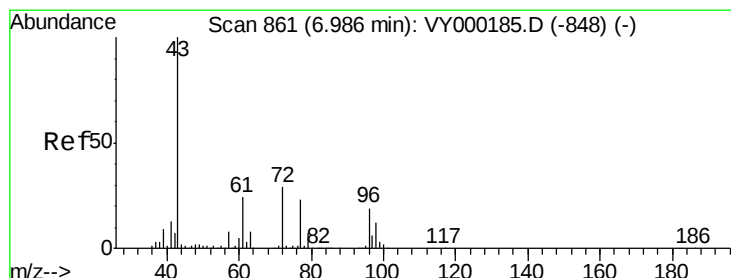
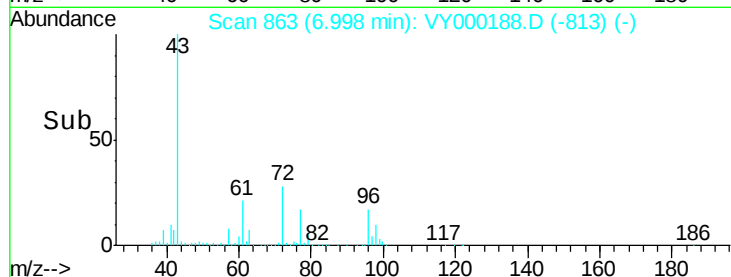
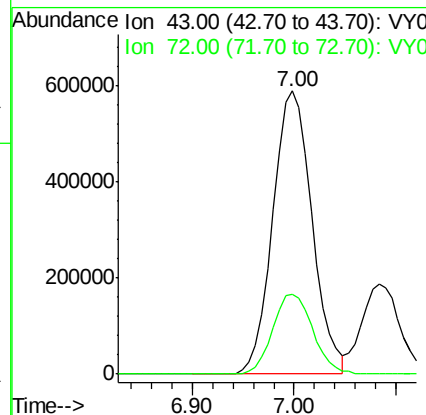
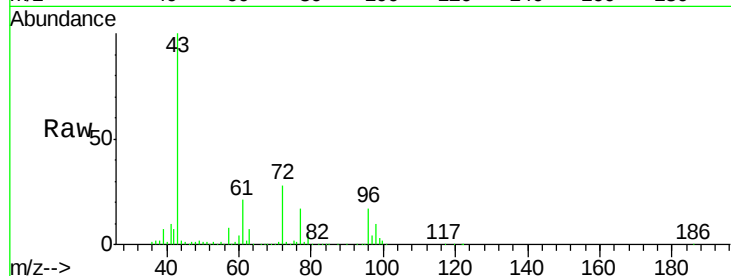
72 28.3 24.0 36.0

Manual Integrations

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10/7/2019 12:51:14 PM



#26

2,2-Dichloropropane

Concen: 46.439 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY000188.D

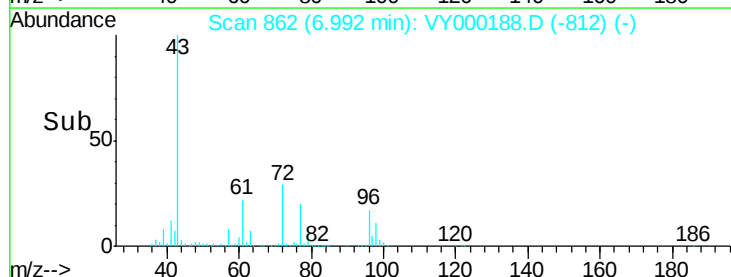
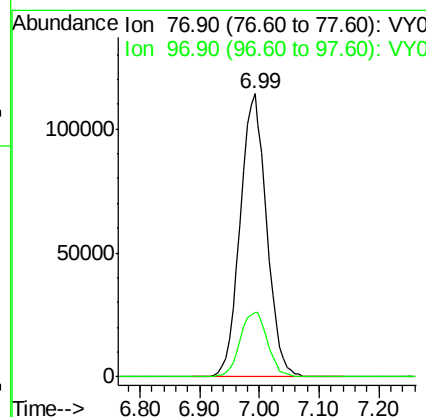
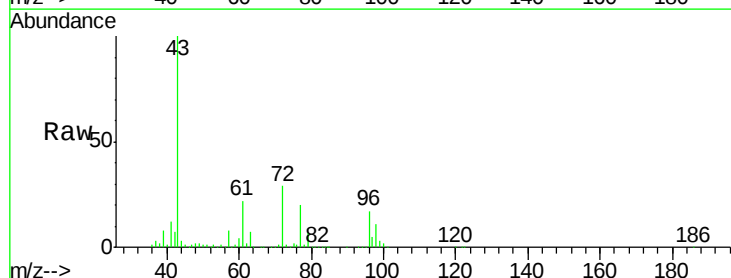
Acq: 03 Oct 2019 17:08

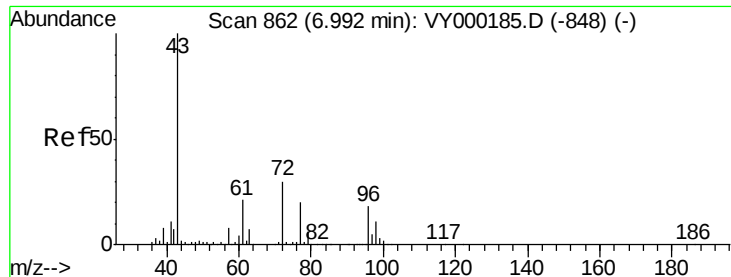
Tgt Ion: 77 Resp: 352628

Ion Ratio Lower Upper

77 100

97 23.7 12.3 36.9





#27

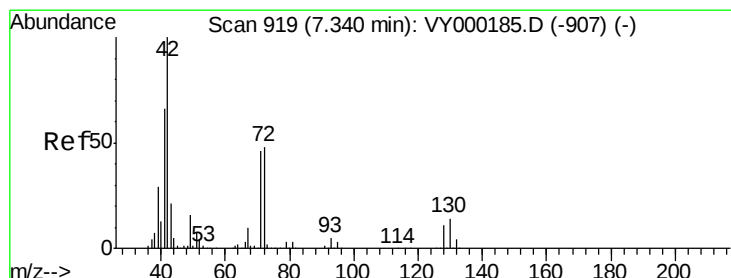
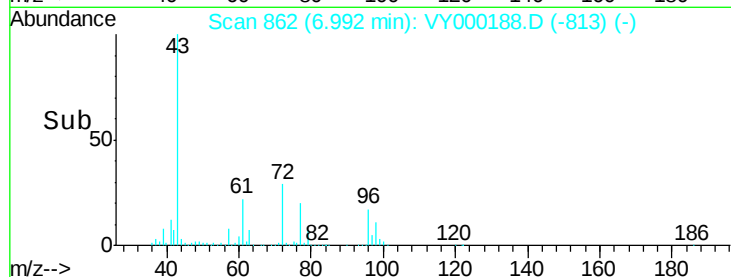
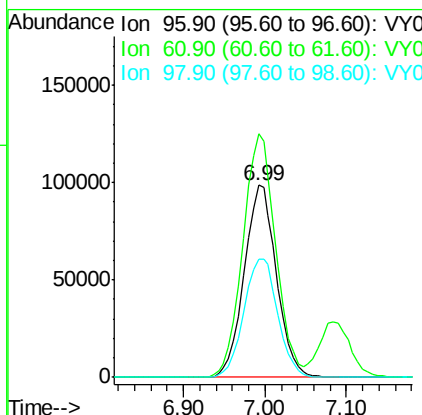
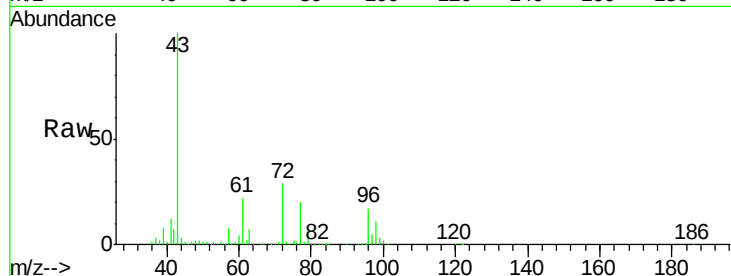
cis-1,2-Dichloroethene
Concen: 50.470 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tot Ion	Ratio	Resp	Lower	Upper
96	100	271277		
61	129.0		0.0	251.4
98	64.8		0.0	129.4

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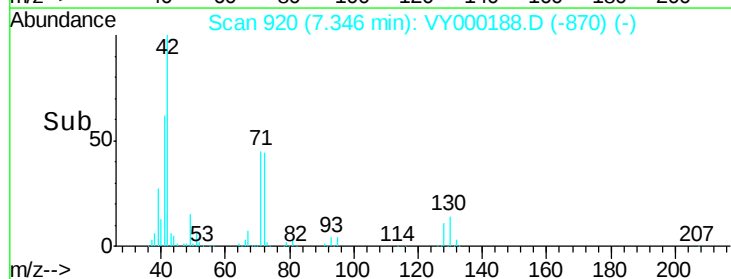
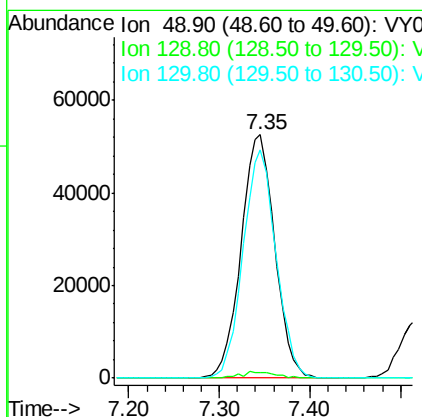
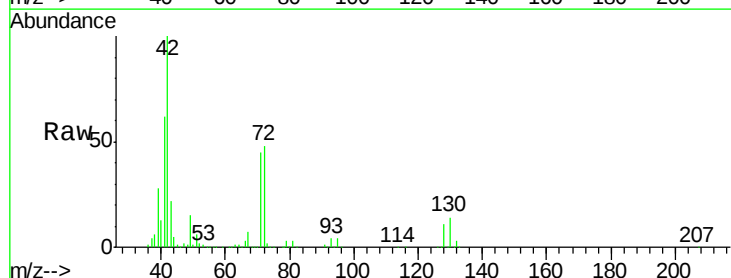
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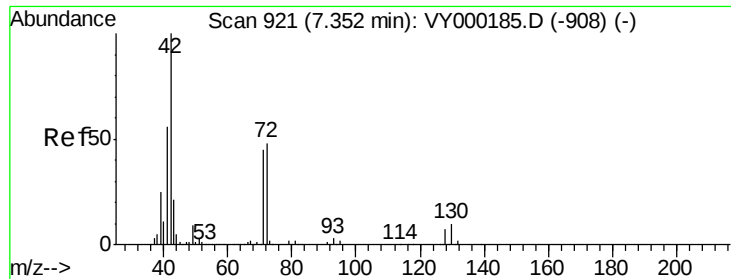


#28

Bromochloromethane
Concen: 52.720 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	135216		
129	2.6		0.0	5.4
130	91.7		74.2	111.4





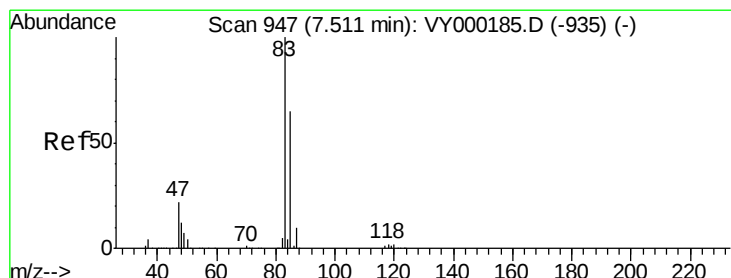
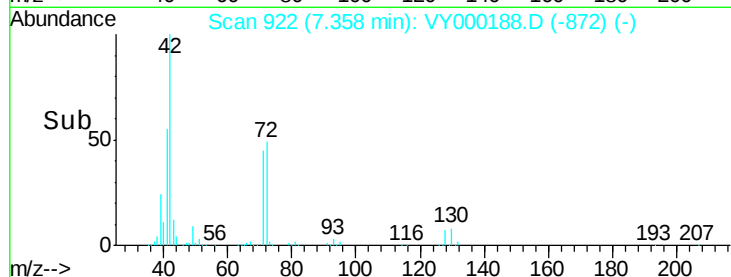
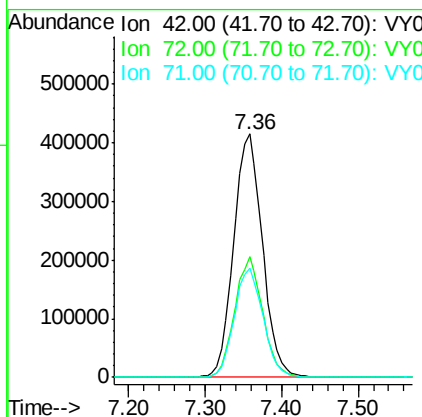
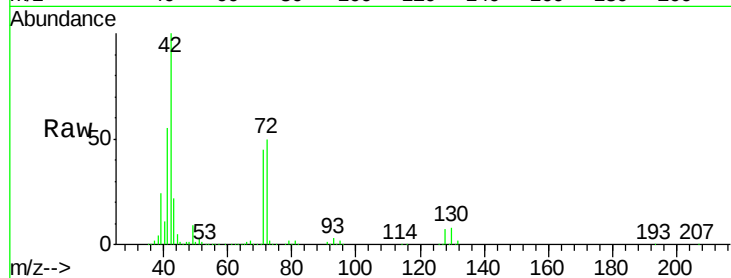
#29
Tetrahydrofuran
Concen: 267.301 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVYVY100319

Tot Ion: 42 Resp: 1082740
Ion Ratio Lower Upper
42 100
72 47.9 39.3 58.9
71 44.7 36.7 55.1

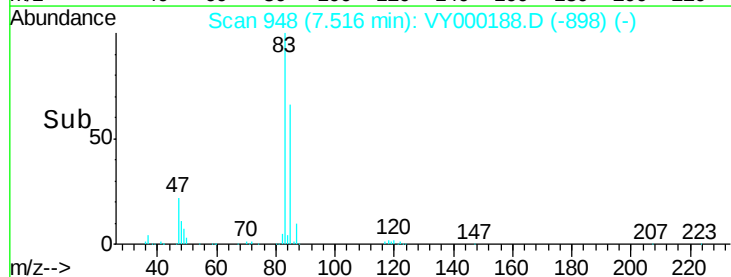
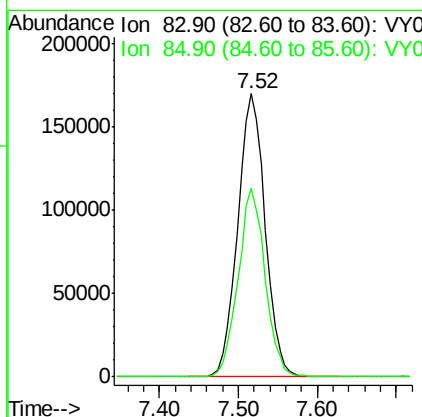
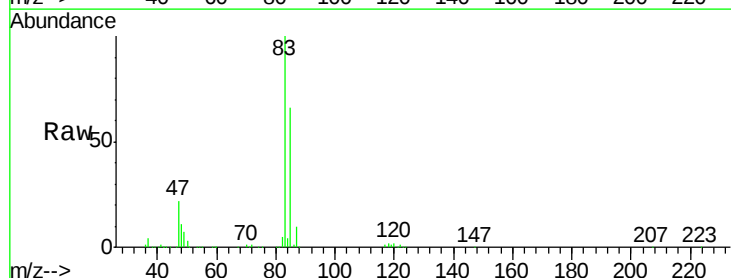
Manual Integrations
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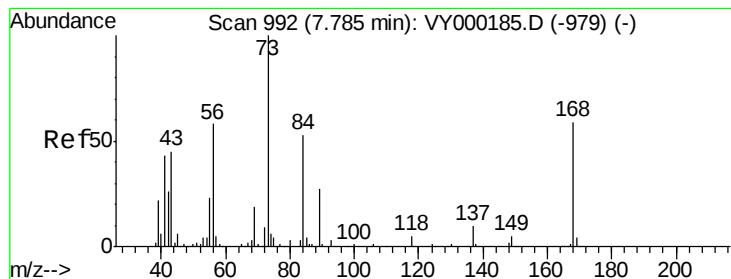
MMDadoda
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#30
Chloroform
Concen: 50.130 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 83 Resp: 409935
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.6





#31

Cyclohexane

Concen: 48.044 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

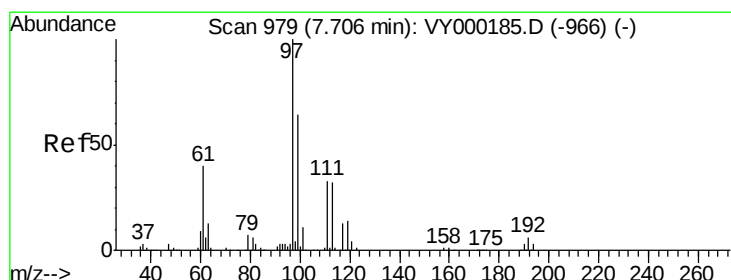
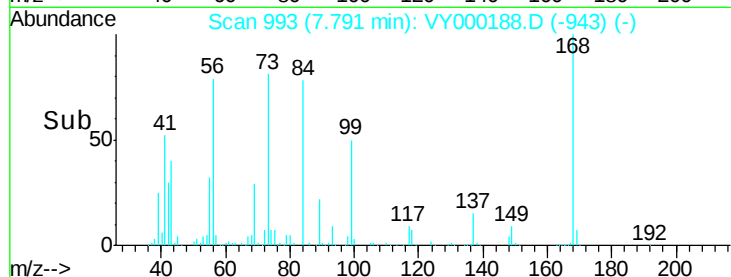
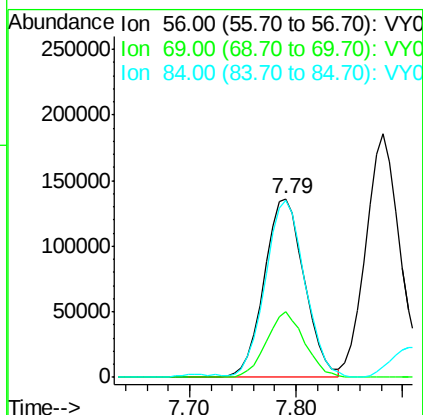
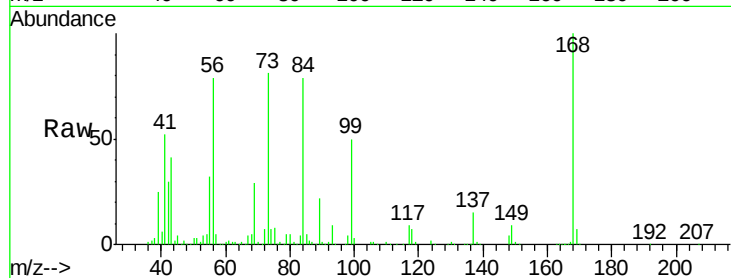
ClientSampleId :

ICVY00319

Tot Ion:	56	Resp:	356517
Ion Ratio	Lower	Upper	
56	100		
69	37.1	26.1	39.1
84	97.8	73.8	110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.138 ug/l

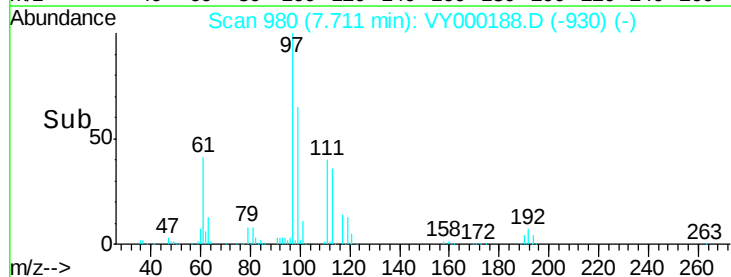
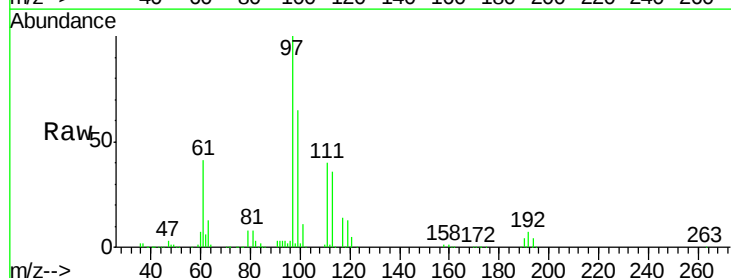
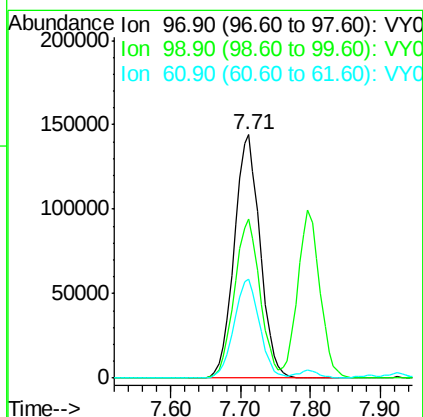
RT: 7.71 min Scan# 980

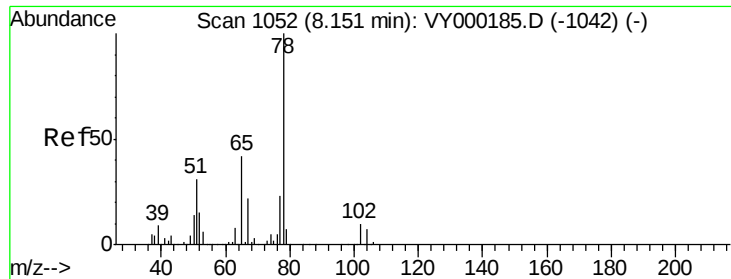
Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion:	97	Resp:	368260
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.8	77.8
61	40.4	31.2	46.8





#33

1,2-Dichloroethane-d4

Concen: 49.444 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

Tot Ion: 65 Resp: 239367

Ion Ratio Lower Upper

65 100

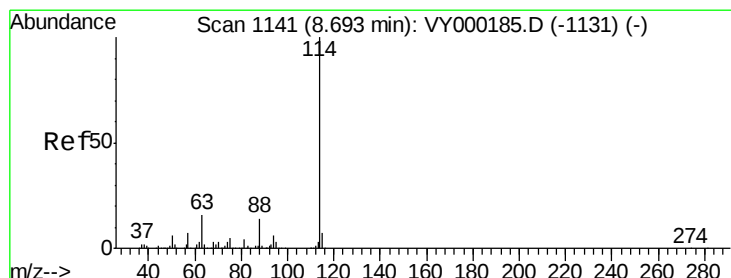
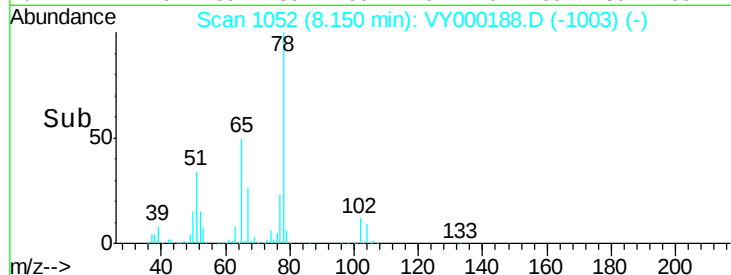
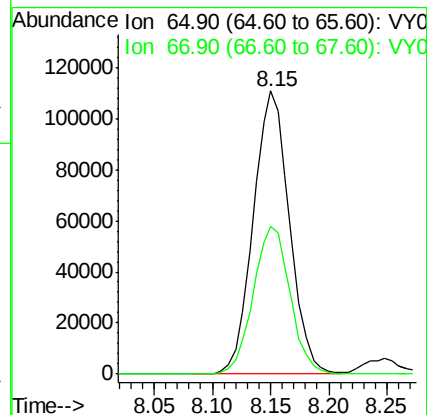
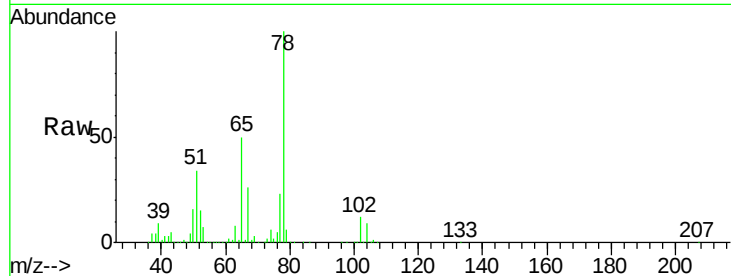
67 53.2 0.0 104.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

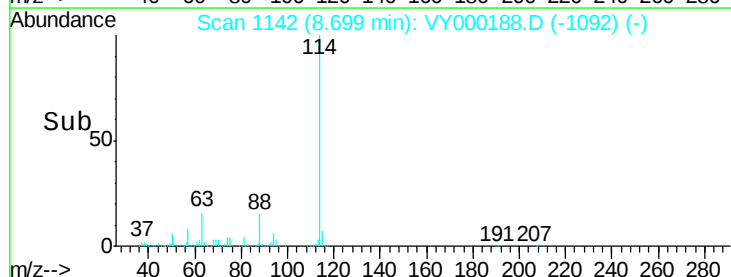
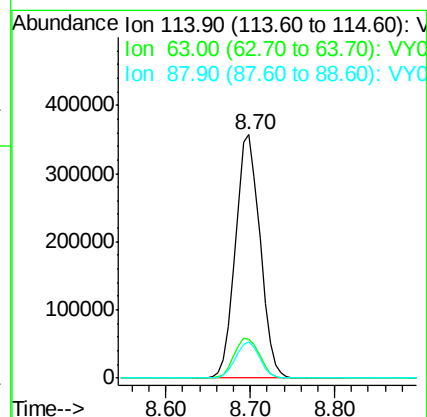
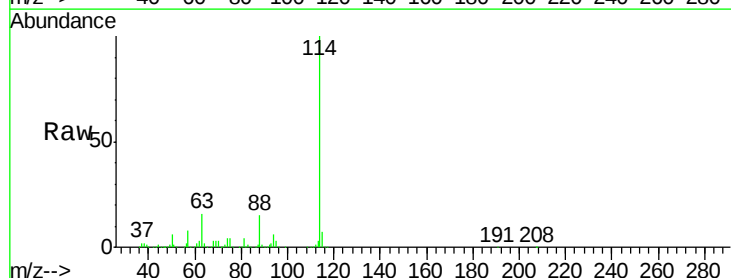
Tgt Ion: 114 Resp: 704215

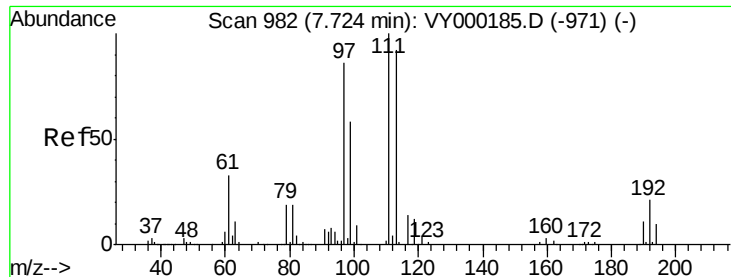
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.0

88 14.8 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.947 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

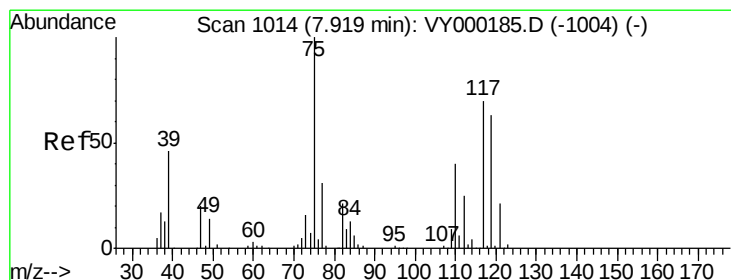
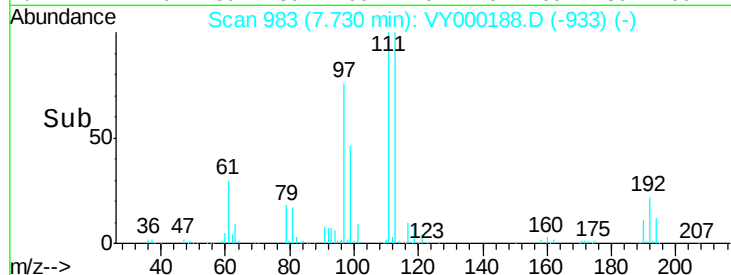
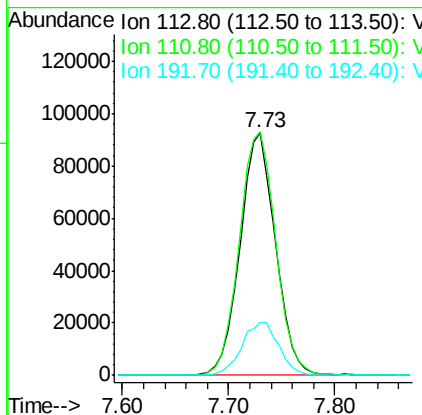
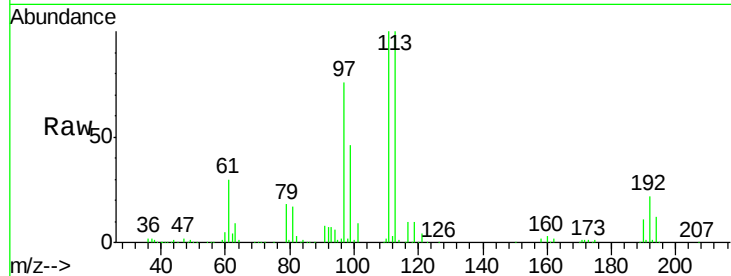
ClientSampleId :

ICVVY100319

Tot Ion:	113	Resp:	216485
Ion Ratio	Lower	Upper	
113	100		
111	103.6	83.6	125.4
192	22.9	18.4	27.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.645 ug/l

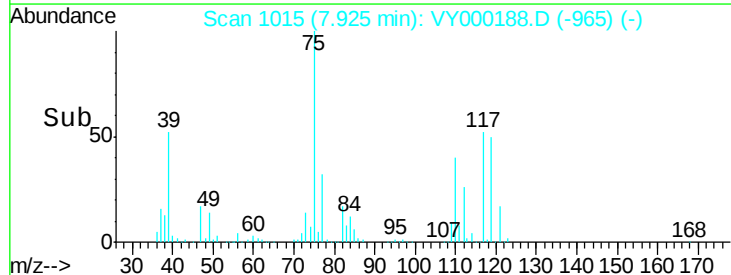
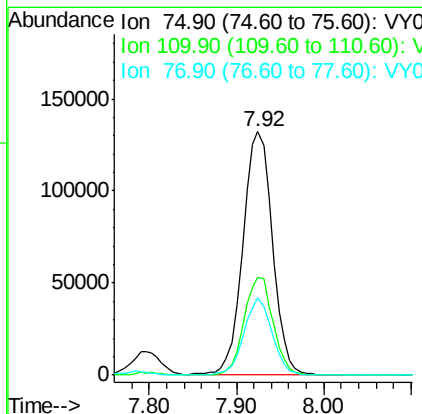
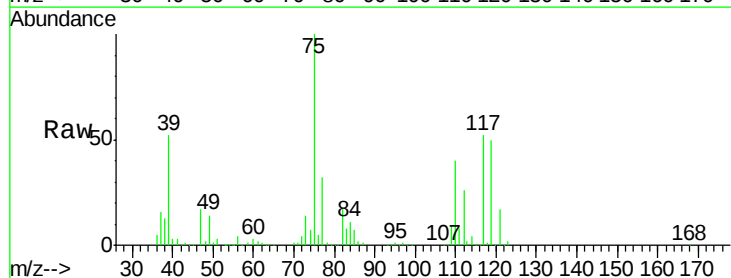
RT: 7.92 min Scan# 1015

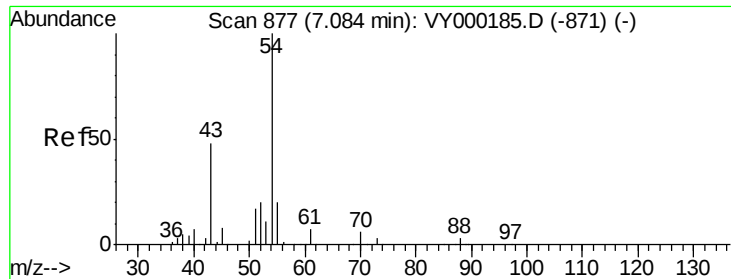
Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion:	75	Resp:	310230
Ion Ratio	Lower	Upper	
75	100		
110	39.2	20.4	61.2
77	30.3	24.8	37.2





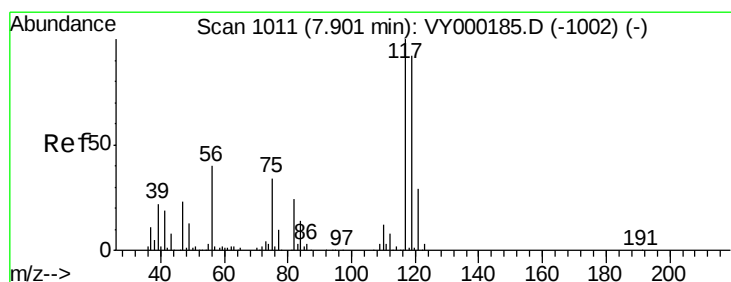
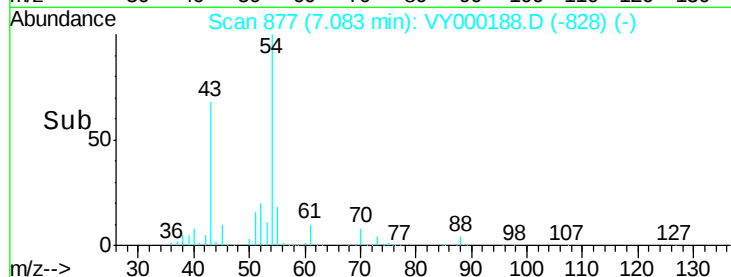
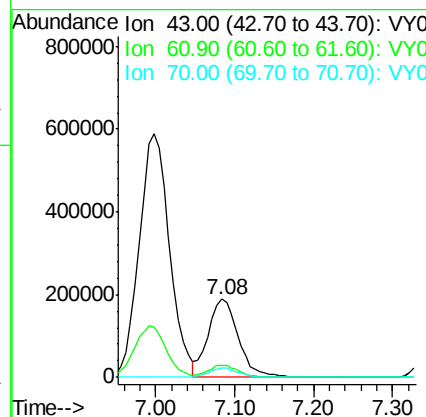
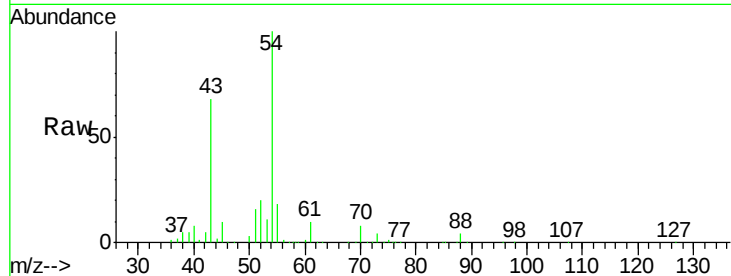
#37
Ethyl Acetate
Concen: 51.672 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.8	17.6
70	11.5	9.4	14.2

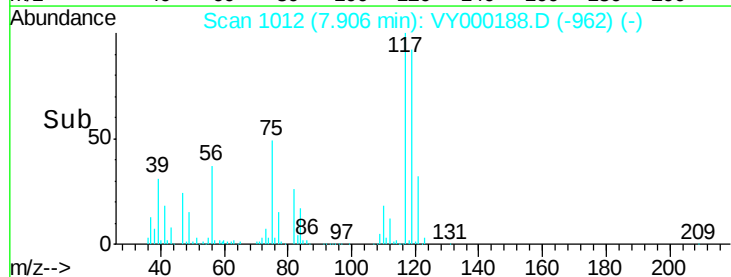
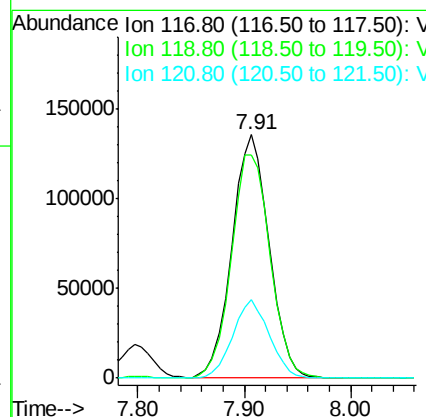
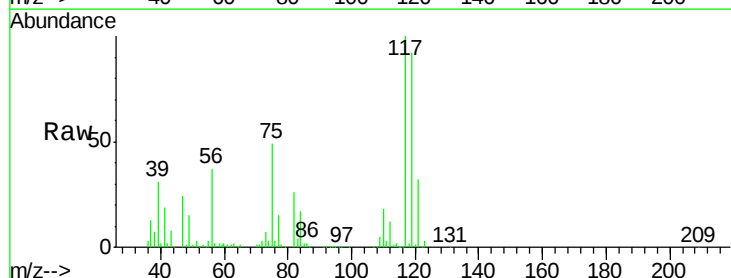
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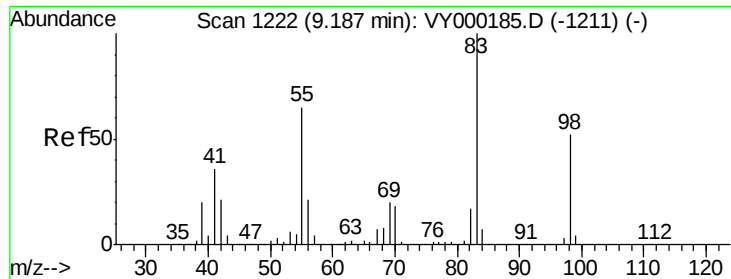
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#38
Carbon Tetrachloride
Concen: 48.997 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	73.4	110.2
121	32.5	23.2	34.8





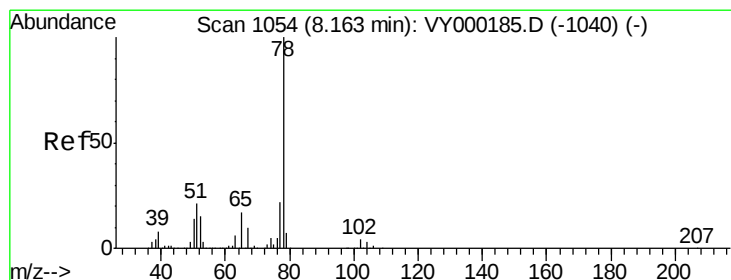
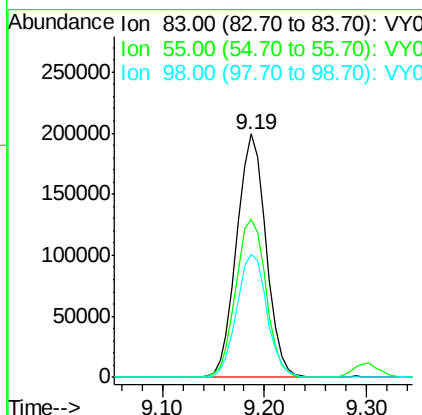
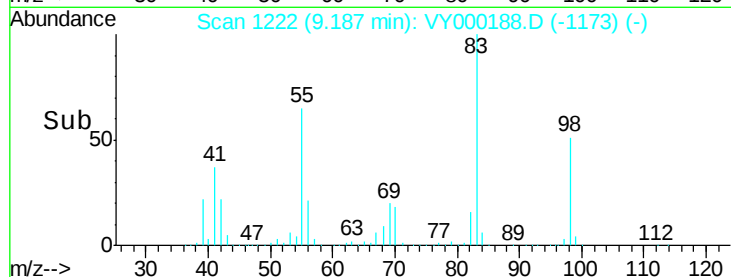
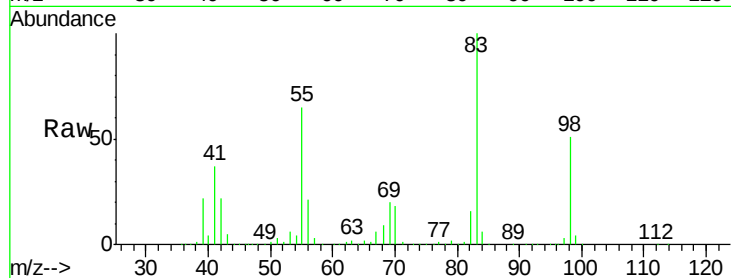
#39
Methvlcvclohexane
Concen: 49.494 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tot Ion	83	Resp	397573
Ion Ratio	100	Lower	Upper
83	100		
55	64.9	52.4	78.6
98	50.5	41.7	62.5

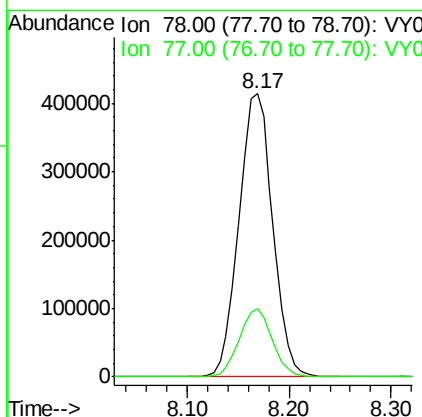
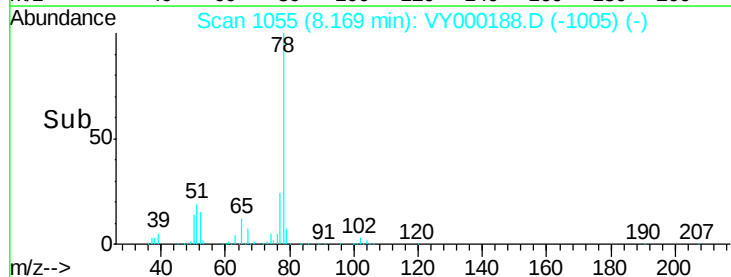
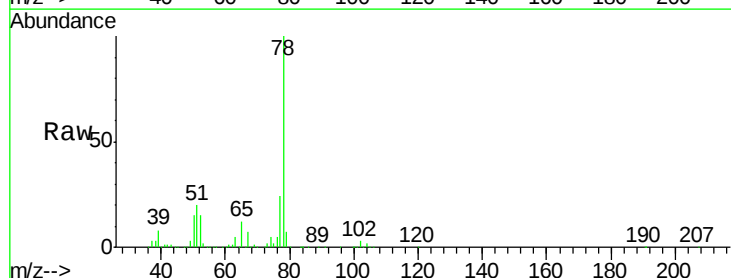
Manual Integrations
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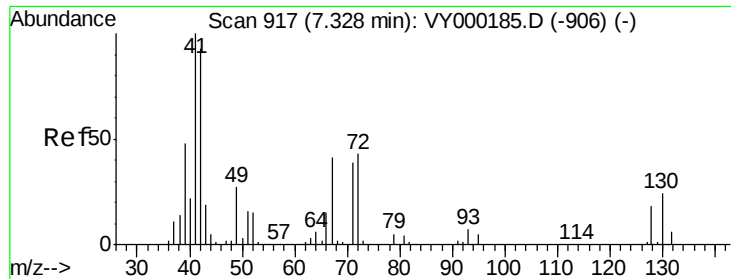
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#40
Benzene
Concen: 50.586 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	78	Resp	952733
Ion Ratio	100	Lower	Upper
78	100		
77	24.4	17.5	26.3





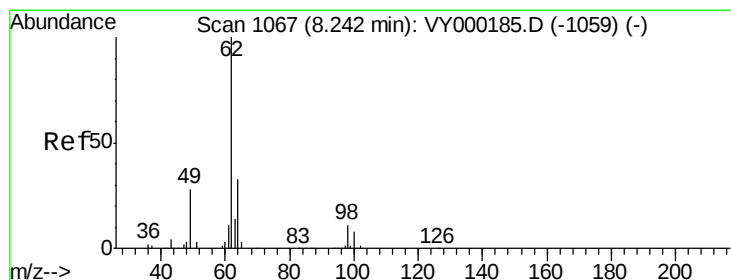
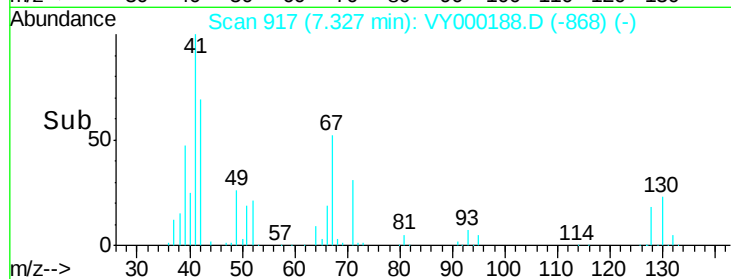
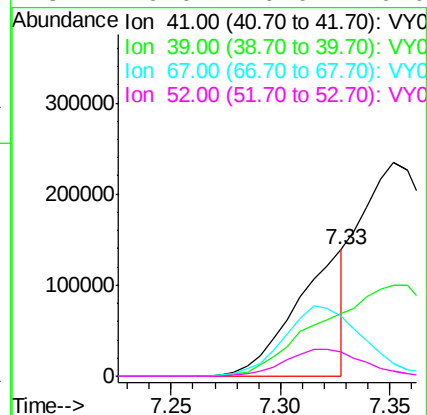
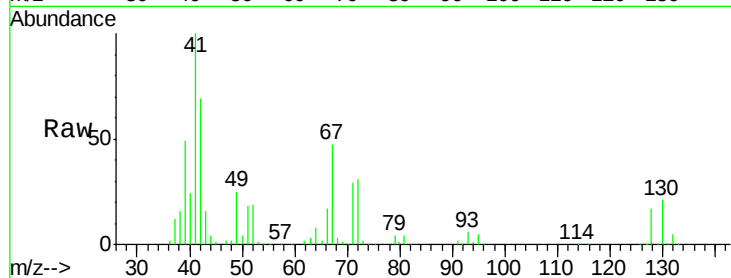
#41
Methacrylonitrile
Concen: 51.387 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		218451		
39	173.6	125.4	188.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

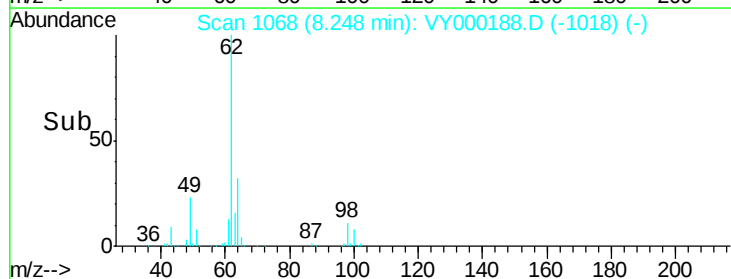
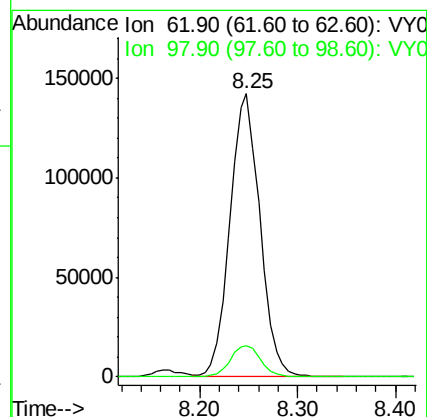
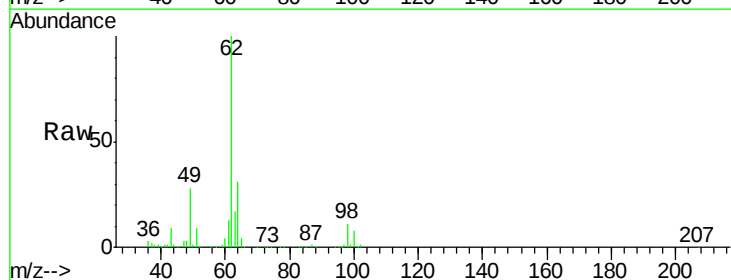
Manual Integrations
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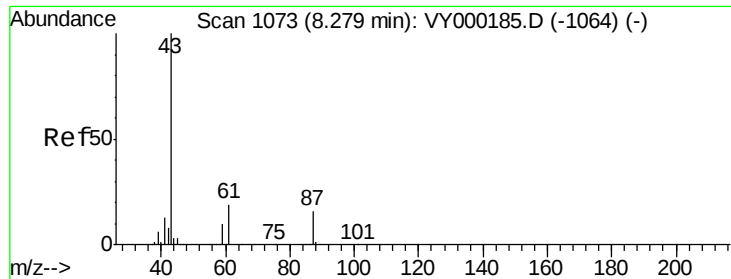
MMDadoda
10/7/2019 12:51:14 PM



#42
1,2-Dichloroethane
Concen: 50.460 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		303088		
98	11.1	0.0	21.8		





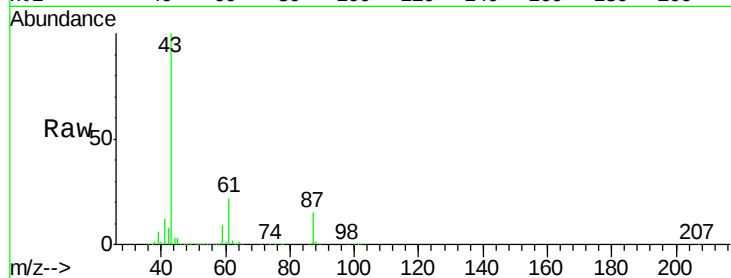
#43
Isopropyl Acetate
Concen: 52.269 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

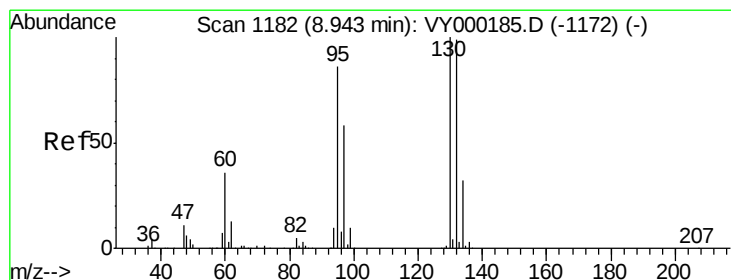
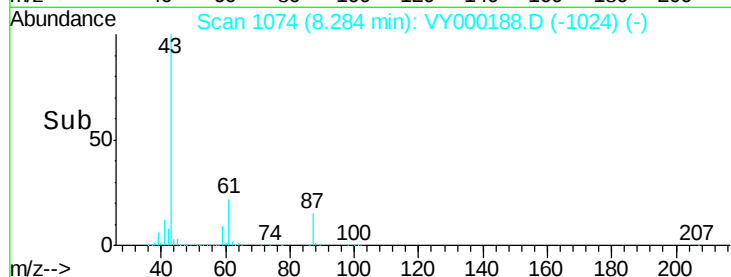
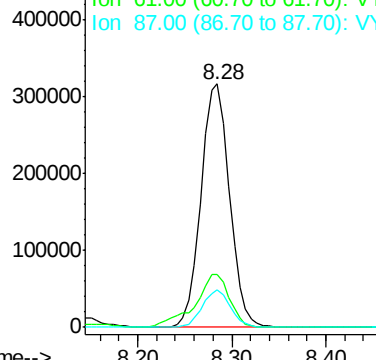
Tot Ion	Ratio	Lower	Upper
43	100		
61	26.1	21.4	32.2
87	15.2	12.6	19.0

Manual Integrations
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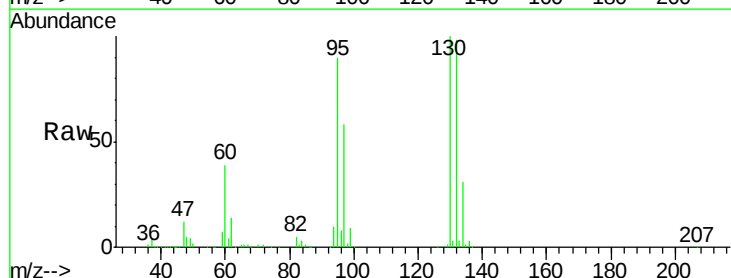


Abundance Ion 43.00 (42.70 to 43.70): VY000188.D (-1064) (-)

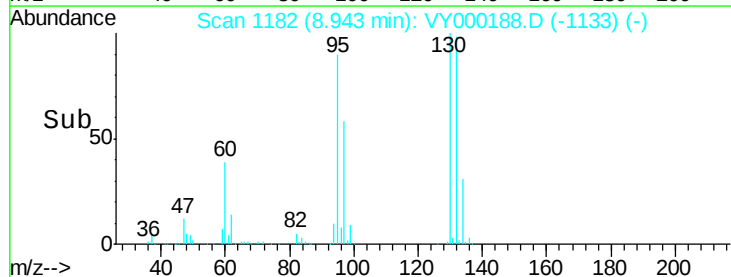
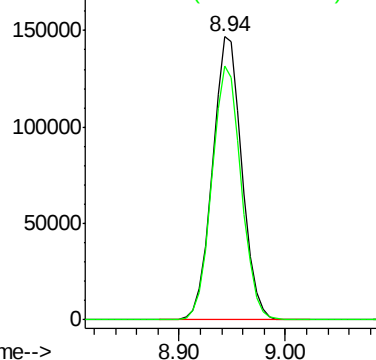


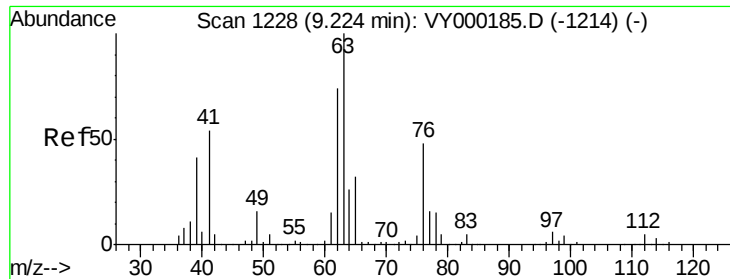
#44
Trichloroethene
Concen: 49.093 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	171.6



Abundance Ion 129.80 (129.50 to 130.50): VY000188.D (-1172) (-)





#45

1,2-Dichloropropane

Concen: 50.042 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampled :

ICVVY100319

Tot Ion: 63 Resp: 225628

Ion Ratio Lower Upper

63 100

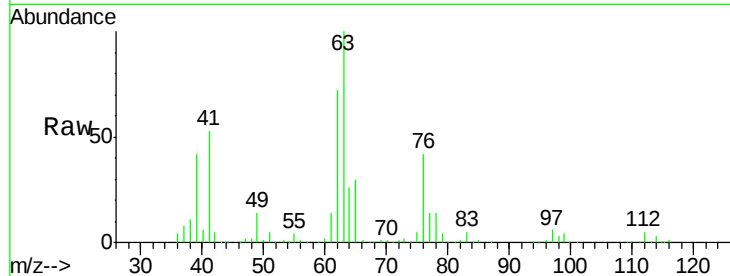
65 30.2 25.7 38.5

Manual Integrations

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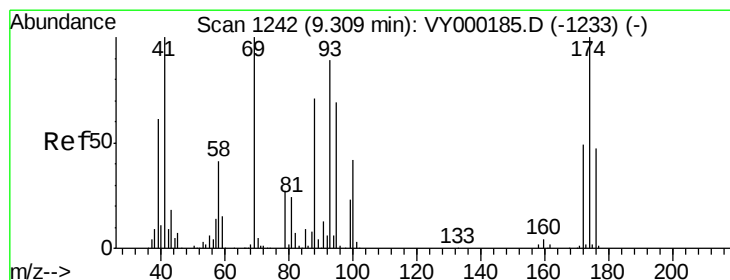
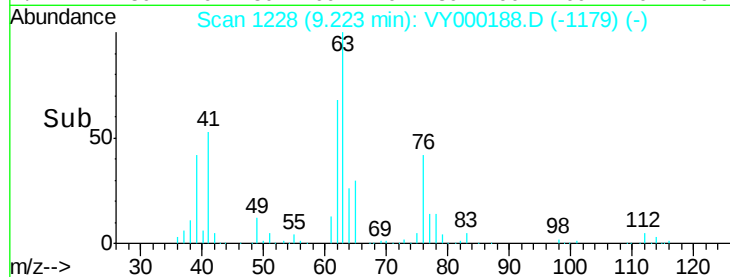
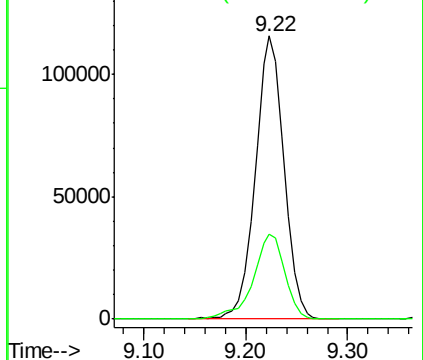
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 49.649 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

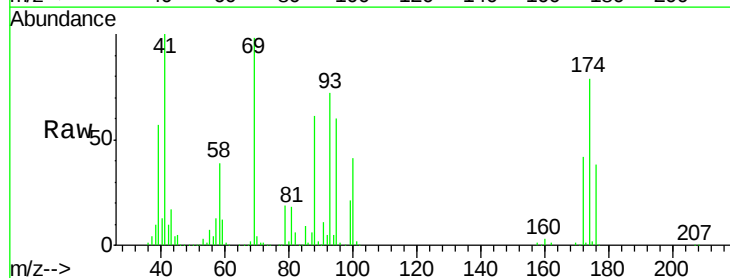
Tgt Ion: 93 Resp: 168273

Ion Ratio Lower Upper

93 100

95 82.5 64.4 96.6

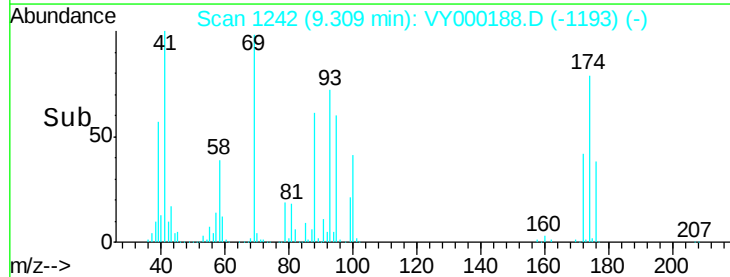
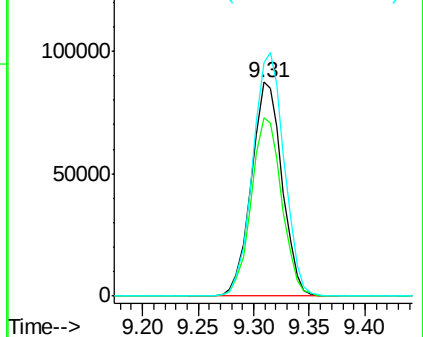
174 115.8 95.1 142.7

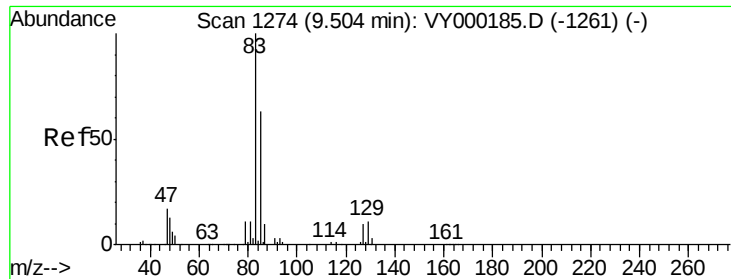


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





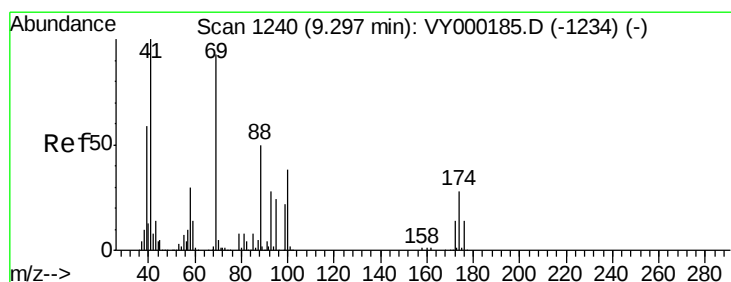
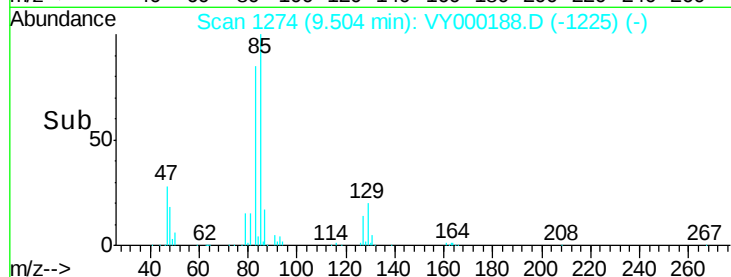
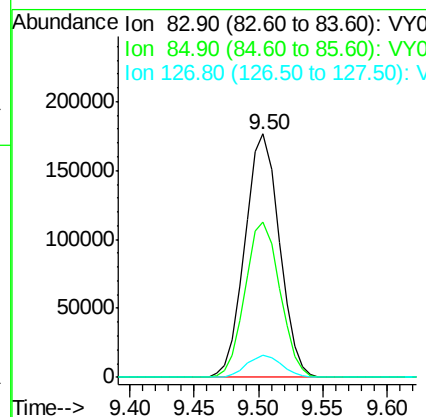
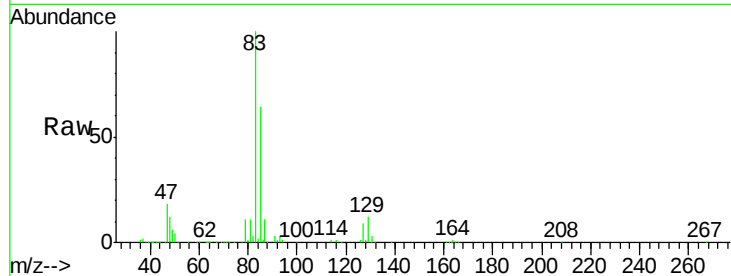
#47
Bromodichloromethane
Concen: 51.234 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tot Ion	83	Resp	327093
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	50.6	76.0
127	9.1	7.7	11.5

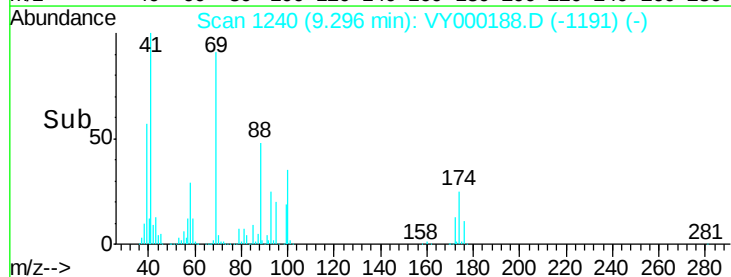
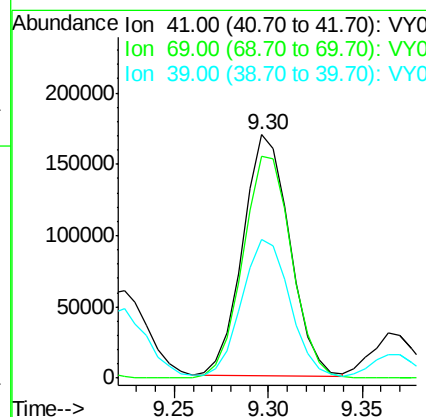
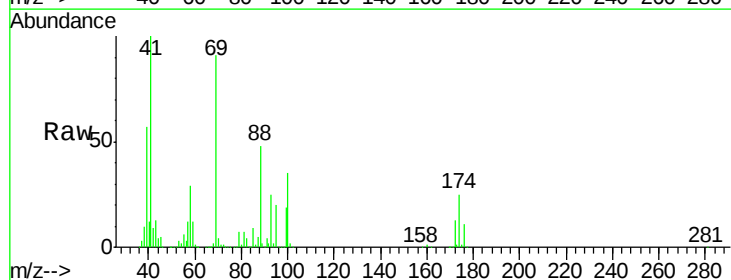
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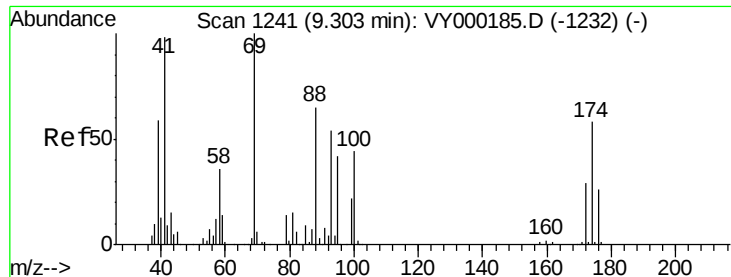
MMDadoda
10/7/2019 12:51:14 PM



#48
Methyl methacrylate
Concen: 52.206 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	41	Resp	293185
Ion Ratio	100	Lower	Upper
41	100		
69	95.6	76.5	114.7
39	59.4	49.2	73.8





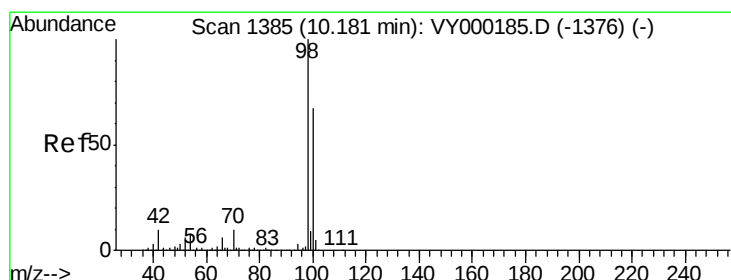
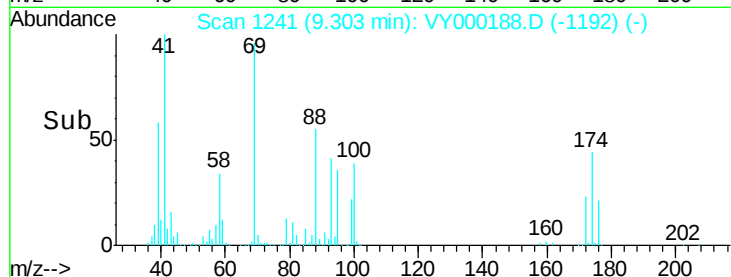
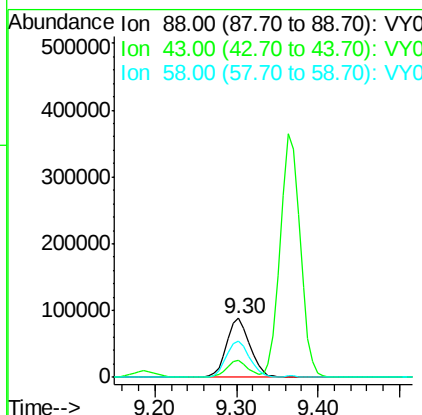
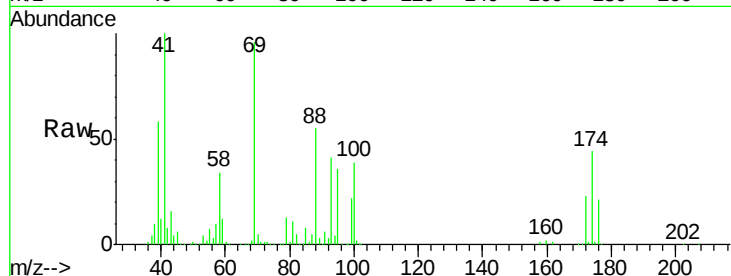
#49
1,4-Dioxane
Concen: 1003.886 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100319

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.8	20.4	30.6
58	62.3	49.0	73.4

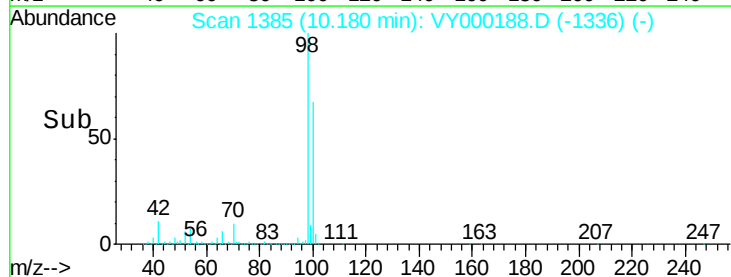
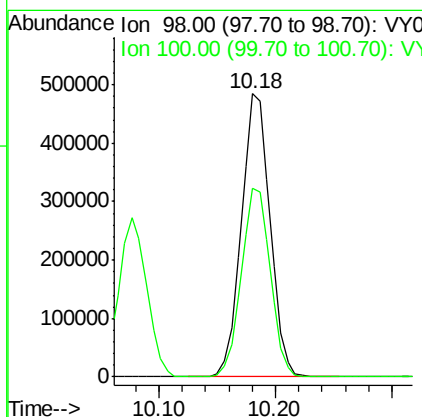
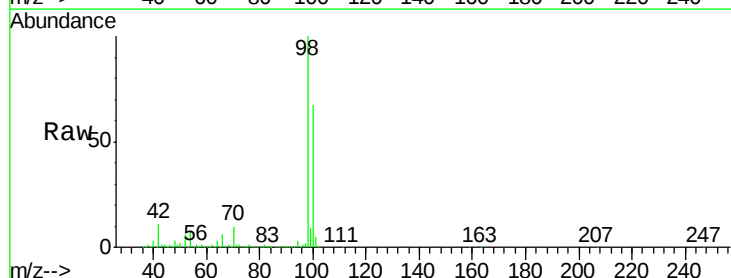
Manual Integrations
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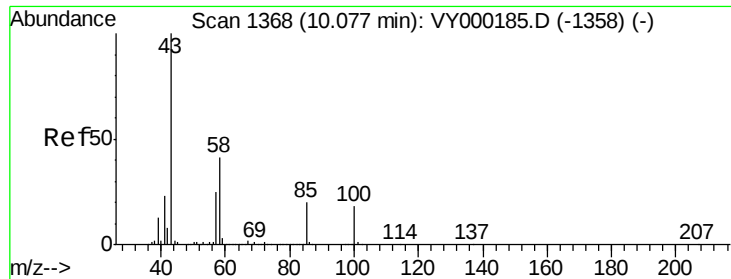
MMDadoda
10/7/2019 12:51:14 PM



#50
Toluene-d8
Concen: 48.694 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 269.513 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

Tot Ion: 43 Resp: 2552161

Ion Ratio Lower Upper

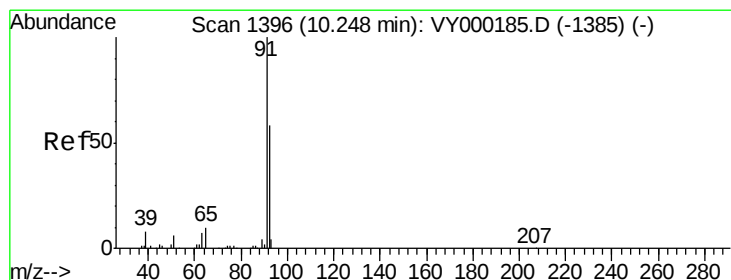
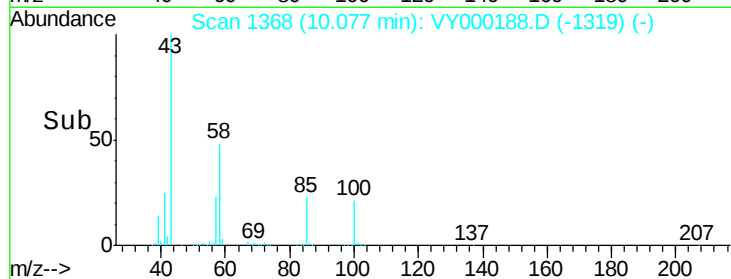
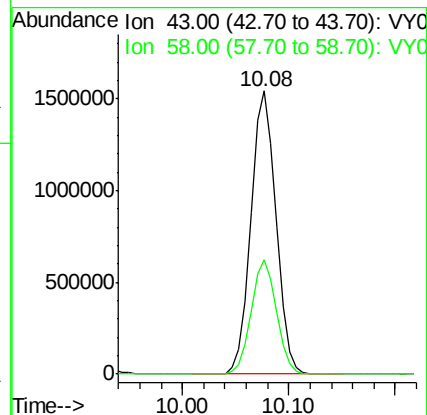
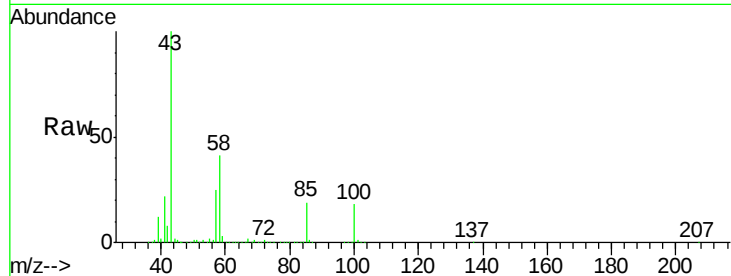
43 100

58 40.6 32.6 49.0

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#52

Toluene

Concen: 50.380 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000188.D

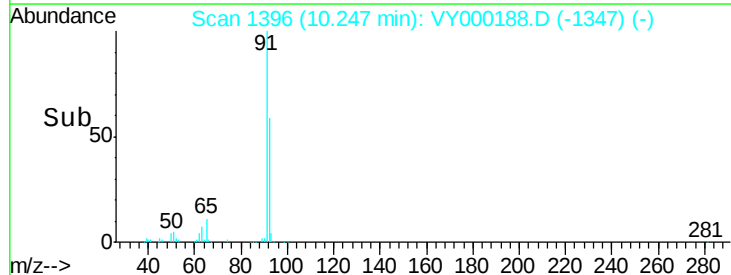
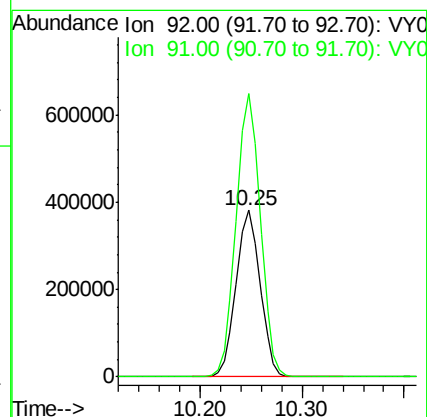
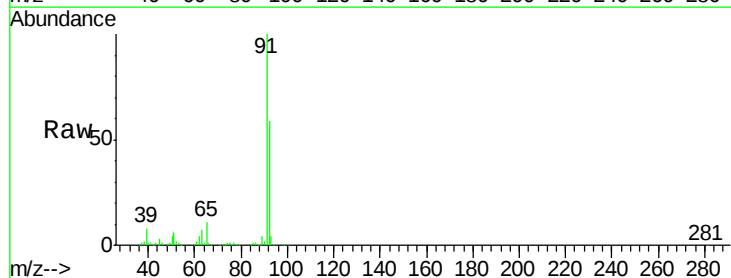
Acq: 03 Oct 2019 17:08

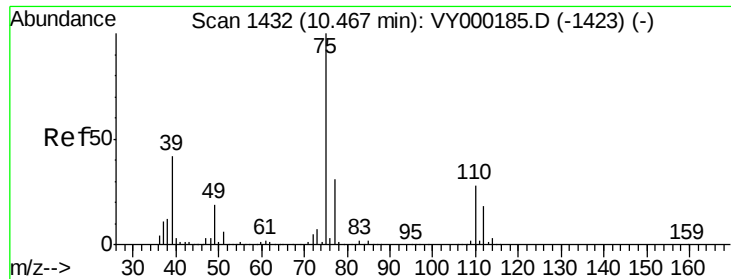
Tgt Ion: 92 Resp: 622744

Ion Ratio Lower Upper

92 100

91 170.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 51.736 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampled :

ICVVY100319

Tot Ion: 75 Resp: 379333

Ion Ratio Lower Upper

75 100

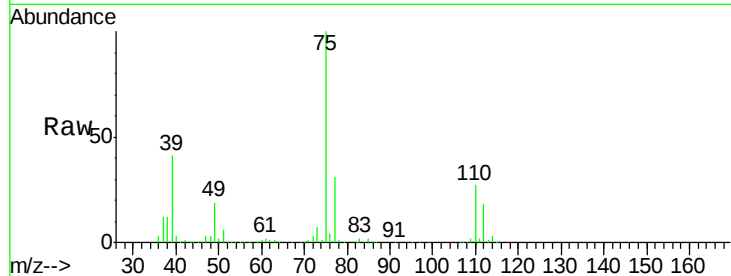
77 31.0 24.8 37.2

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

250000

200000

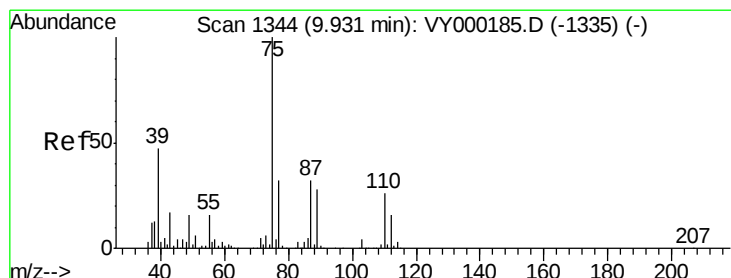
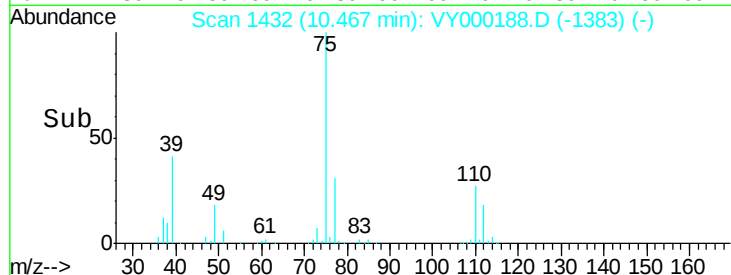
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.786 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

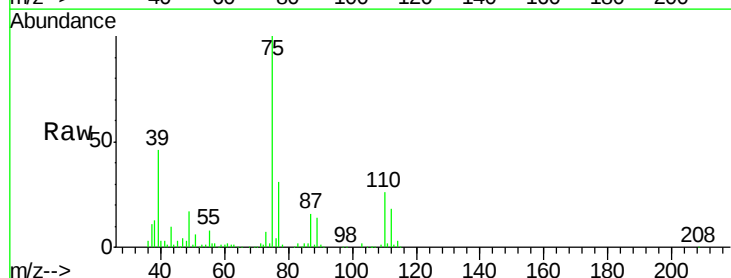
Tgt Ion: 75 Resp: 395526

Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0

39 45.9 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

300000

250000

200000

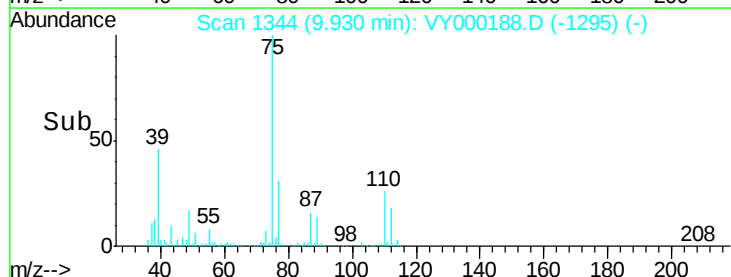
150000

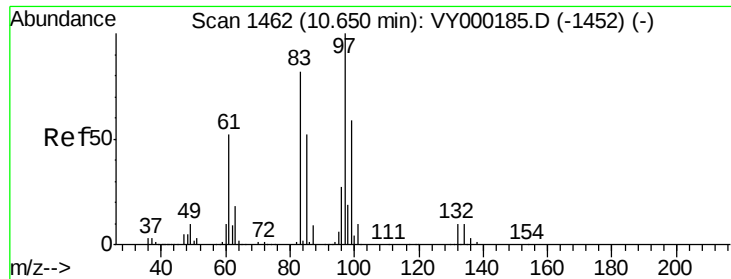
100000

50000

0

Time-->





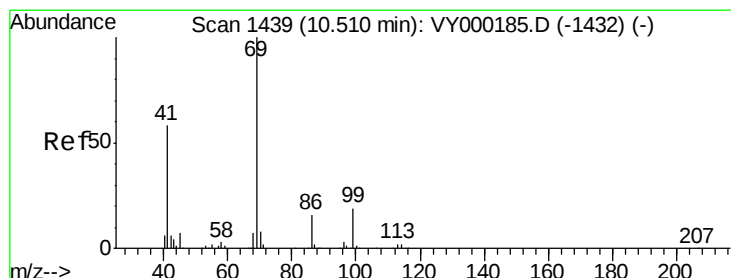
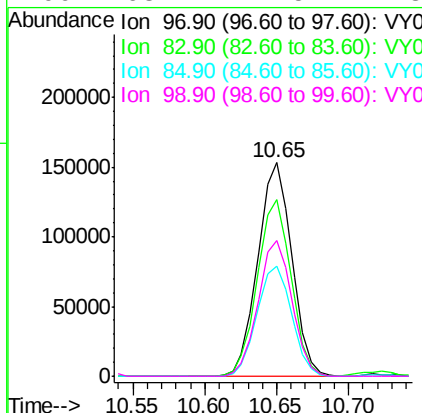
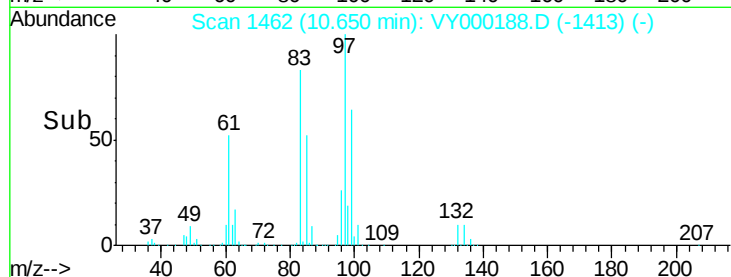
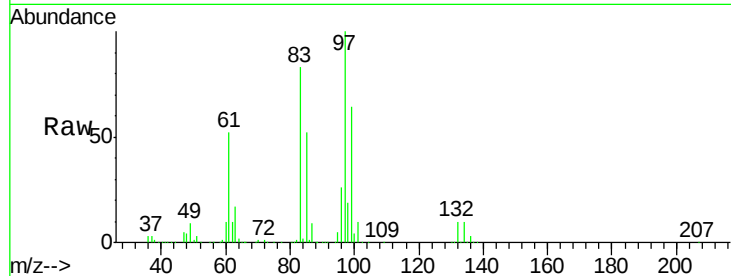
#55
 1,1,2-Trichloroethane
 Concen: 52.069 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

Tot Ion:	97	Resp:	249187
Ion Ratio	Lower	Upper	
97	100		
83	82.9	65.4	98.2
85	51.8	41.4	62.0
99	63.7	47.5	71.3

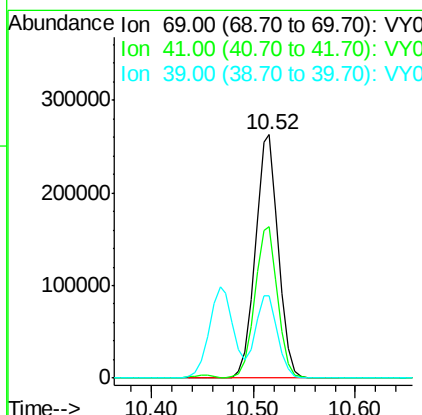
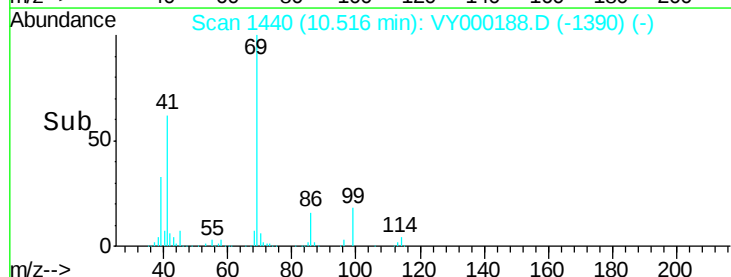
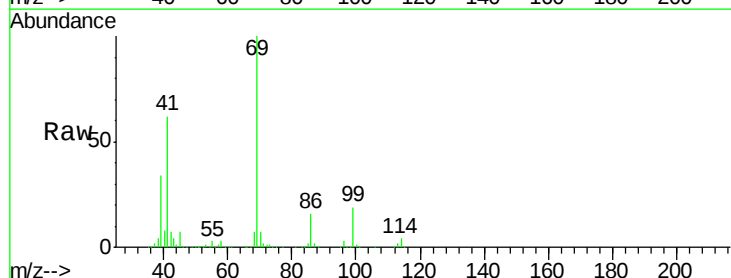
Manual Integrations
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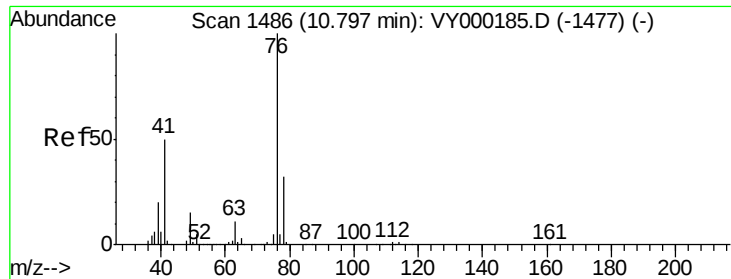
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#56
 Ethyl methacrylate
 Concen: 52.885 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion:	69	Resp:	412594
Ion Ratio	Lower	Upper	
69	100		
41	61.6	48.1	72.1
39	33.0	27.2	40.8





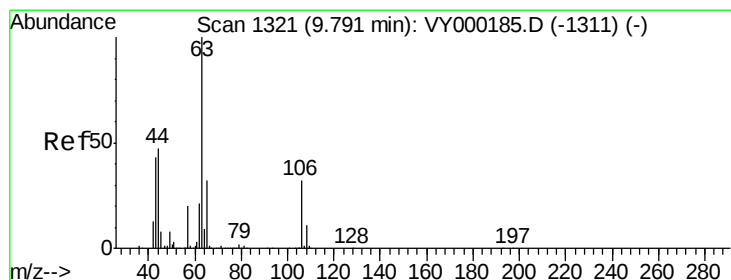
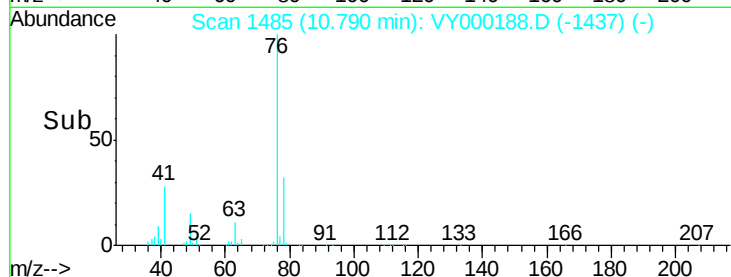
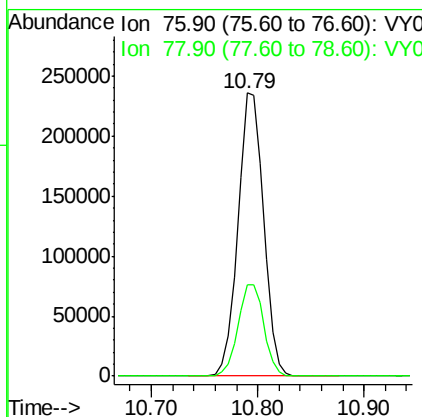
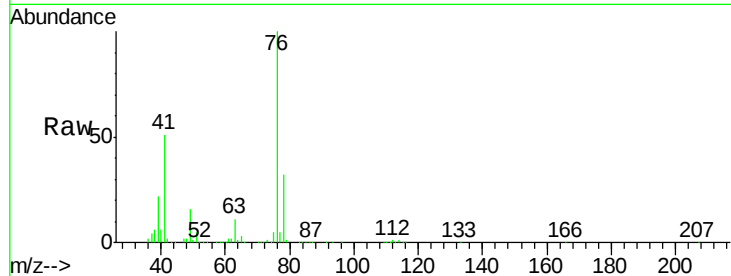
#57
 1,3-Dichloropropane
 Concen: 50.195 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.4	39.6

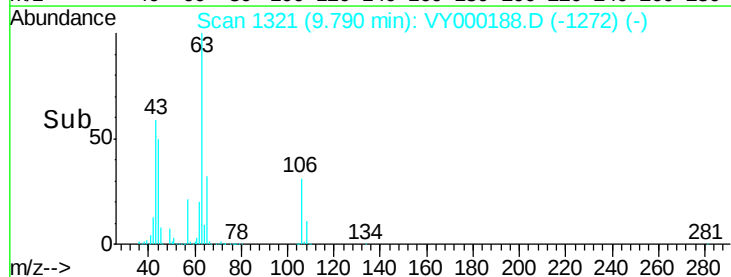
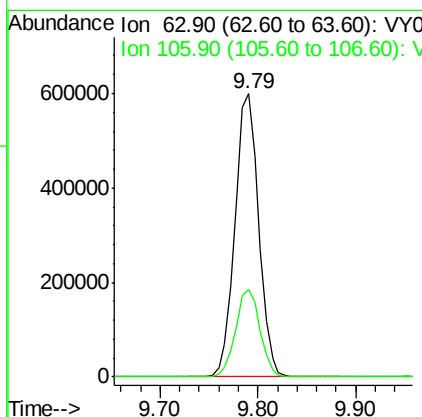
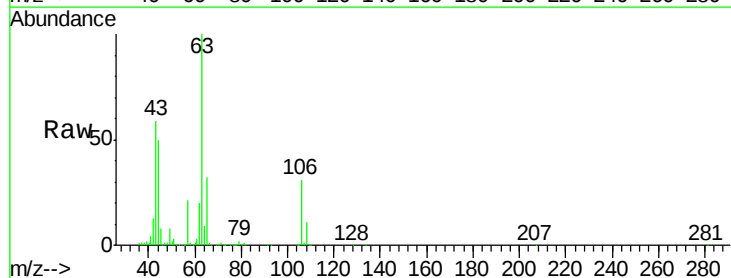
Manual Integrations
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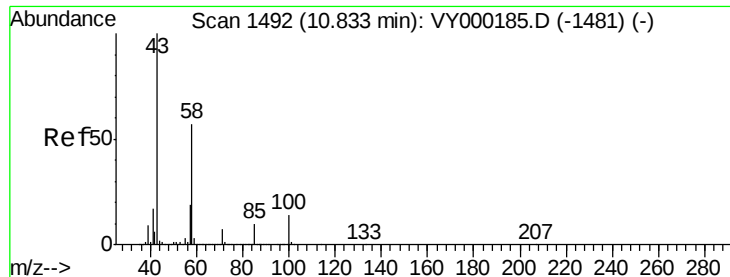
MMDadoda
 10/7/2019 12:51:14 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.816 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	25.8	38.6





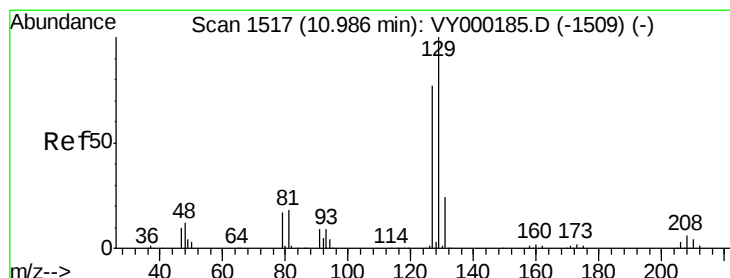
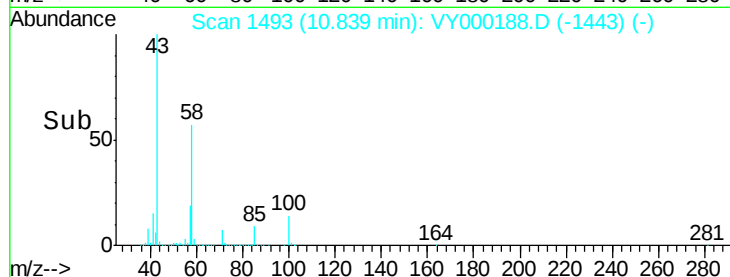
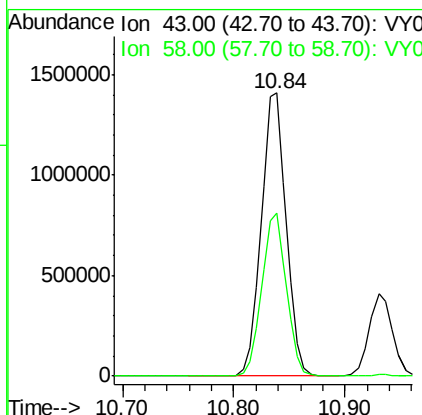
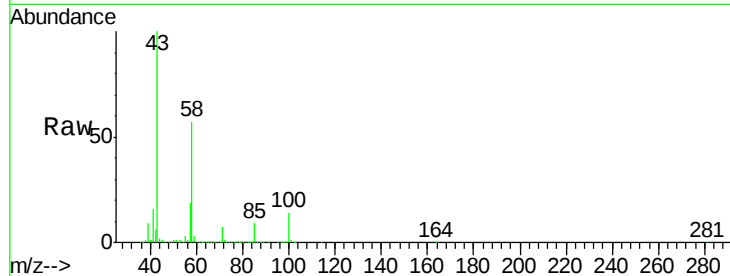
#59
2-Hexanone
Concen: 275.769 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tot Ion: 43 Resp: 2204236
Ion Ratio Lower Upper
43 100
58 56.8 28.6 85.8

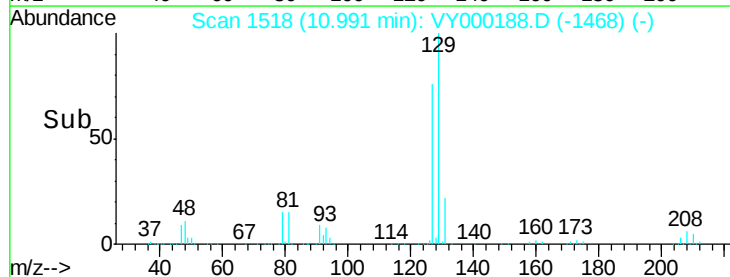
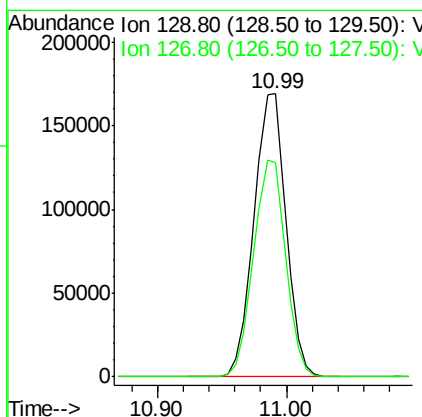
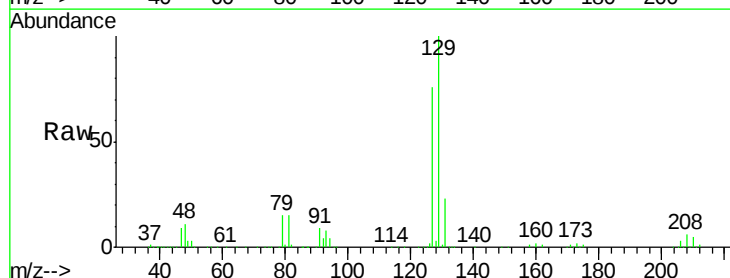
Manual Integrations
APPROVED

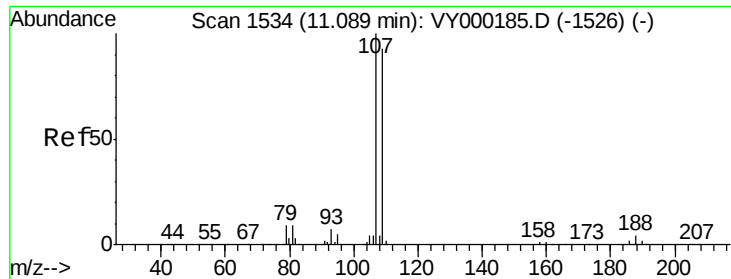
MMDadoda
10/7/2019 12:51:14 PM



#60
Dibromochloromethane
Concen: 51.449 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 129 Resp: 290287
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.8





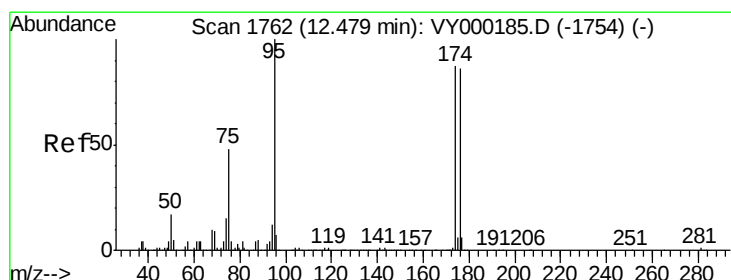
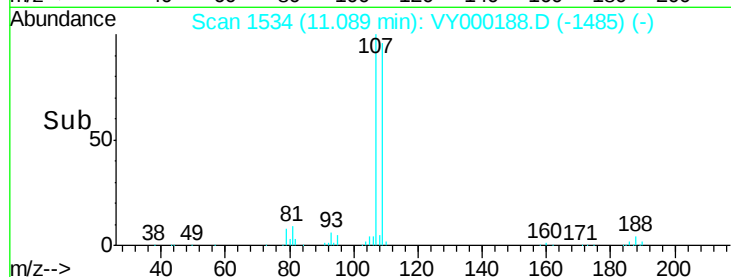
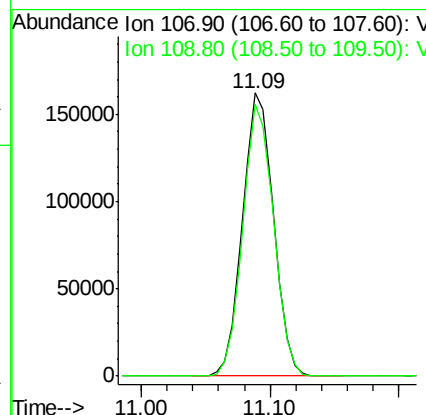
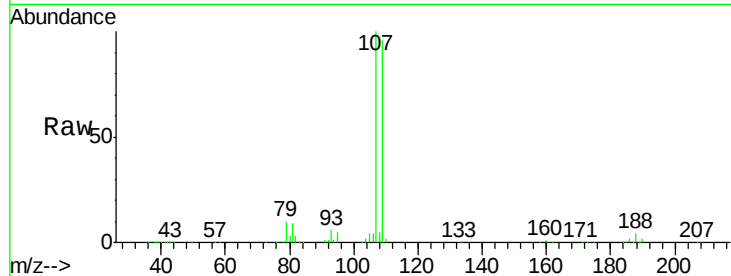
#61
 1,2-Dibromoethane
 Concen: 50.334 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.9	113.9

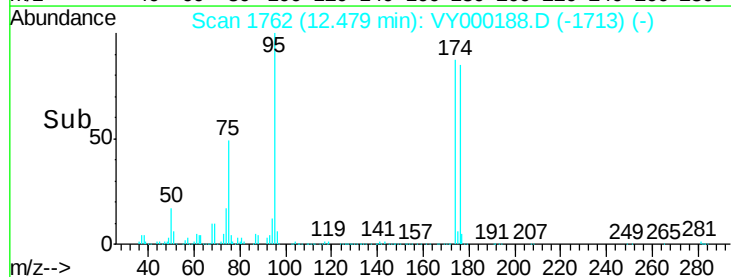
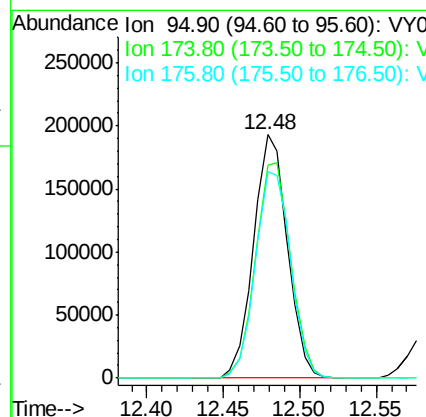
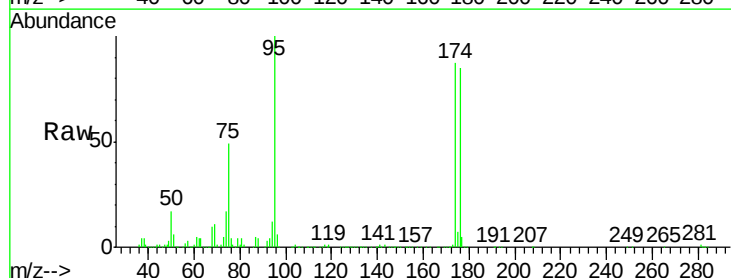
Manual Integrations
 APPROVED

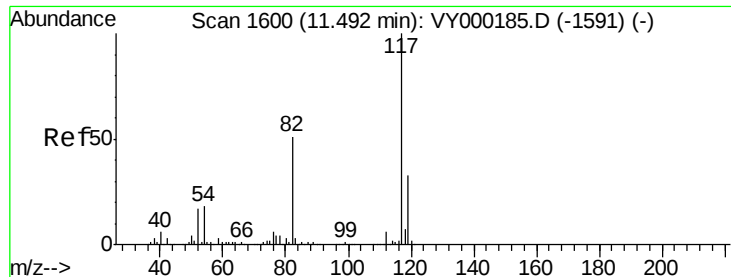
MMDadoda
 10/7/2019 12:51:14 PM



#62
 4-Bromofluorobenzene
 Concen: 49.124 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	188.6
176	88.6	0.0	183.6





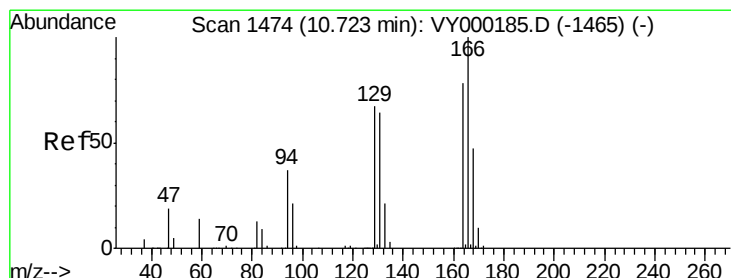
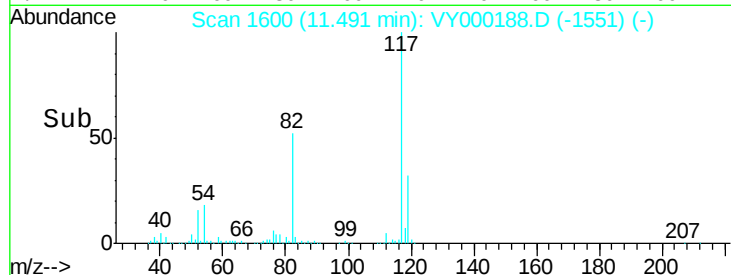
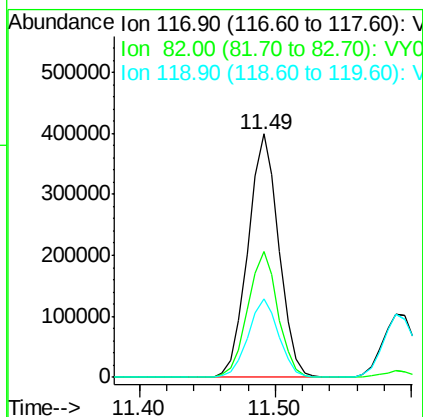
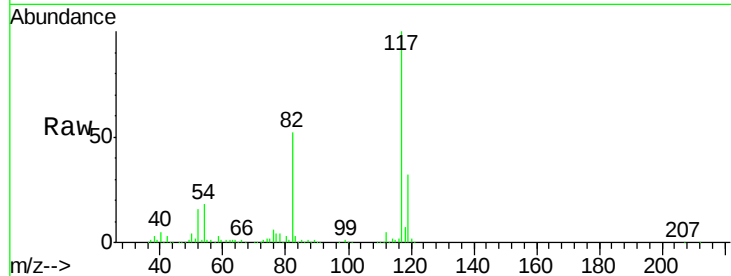
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampled :
ICVY100319

Tot Ion	Ratio	Resp	Lower	Upper
117	100	631641		
82	51.9	41.0	61.4	
119	32.3	26.2	39.2	

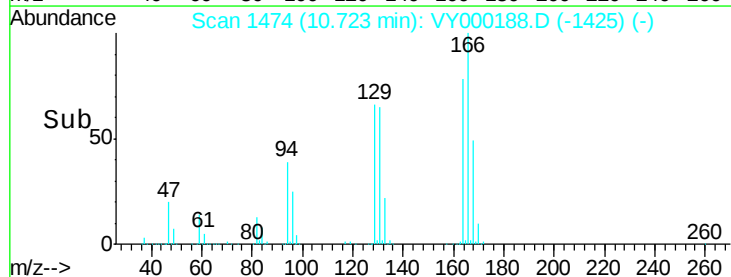
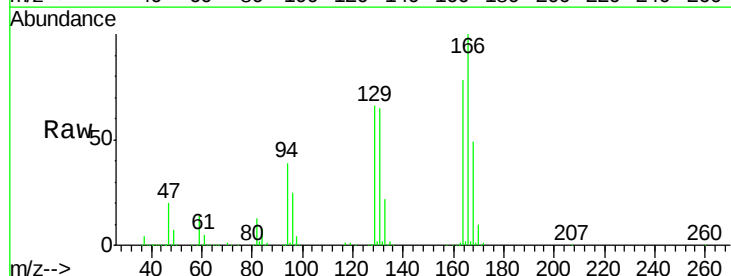
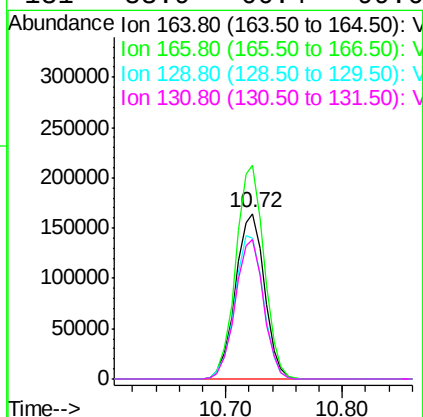
Manual Integrations
APPROVED

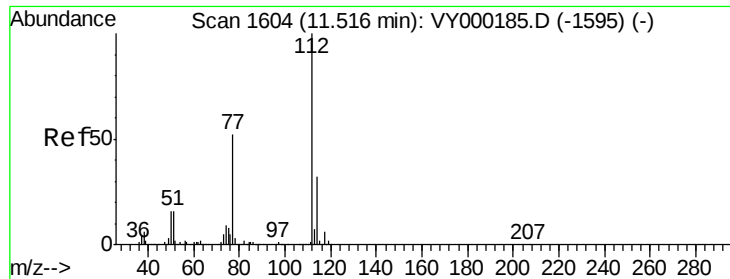
MMDadoda
10/7/2019 12:51:14 PM



#64
Tetrachloroethene
Concen: 48.011 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	284210		
166	128.9	103.2	154.8	
129	85.0	69.0	103.4	
131	83.9	66.4	99.6	





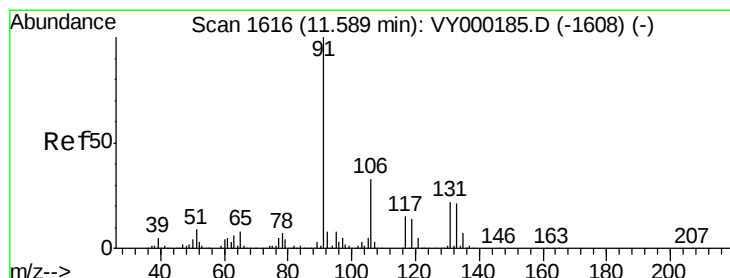
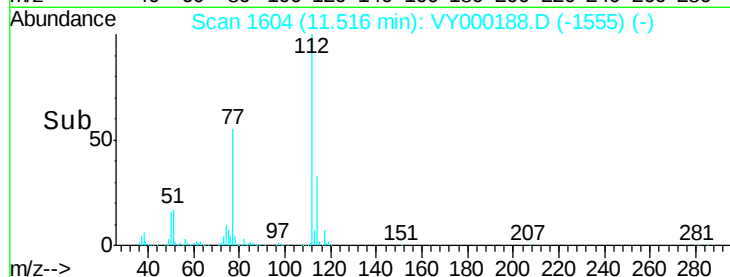
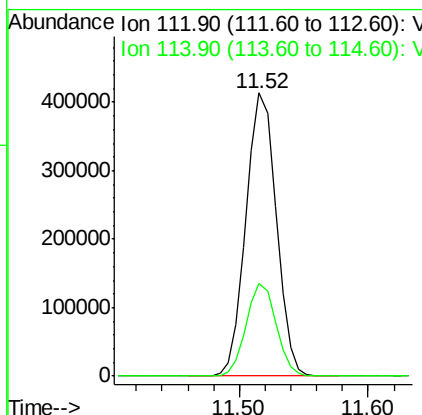
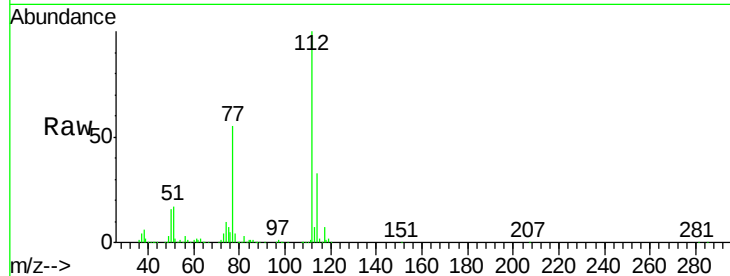
#65
Chlorobenzene
Concen: 49.340 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.6	38.4

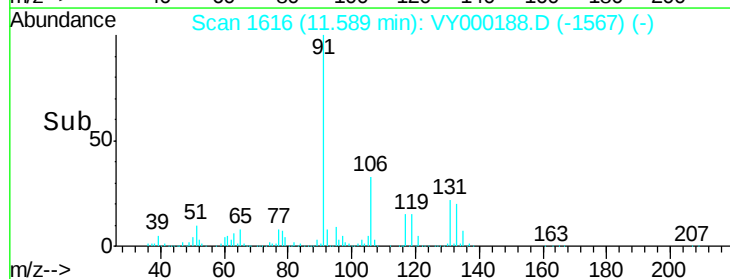
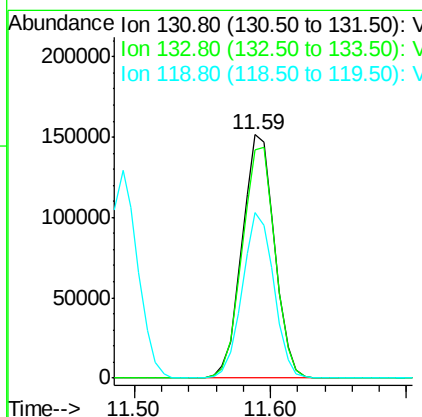
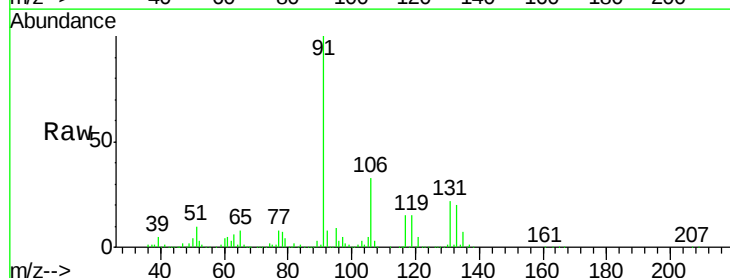
Manual Integrations
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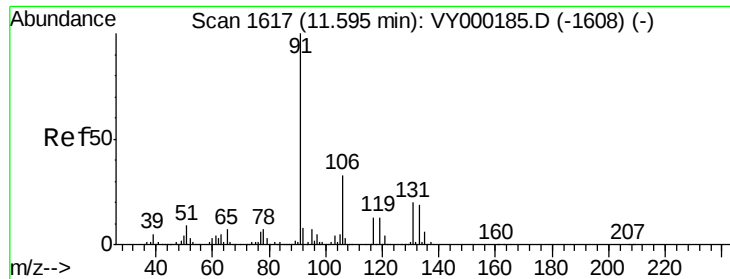
MMDadoda
10/7/2019 12:51:14 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.343 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.4	142.3
119	65.9	32.6	98.0





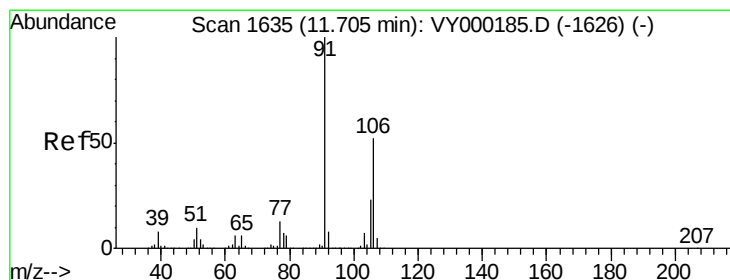
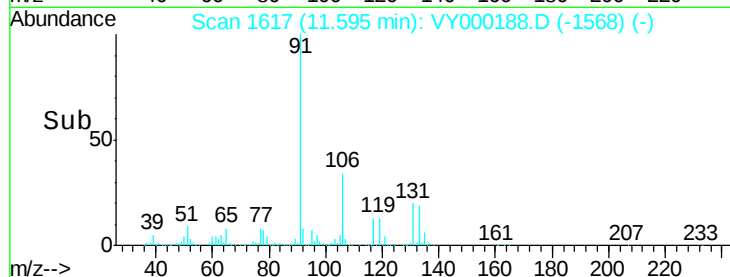
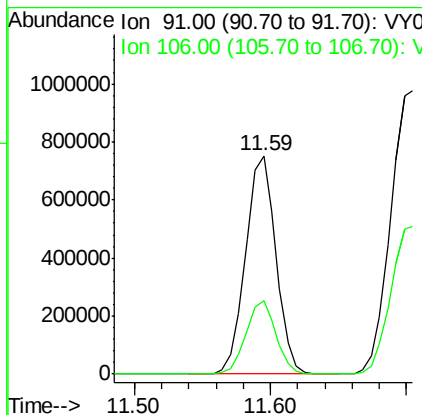
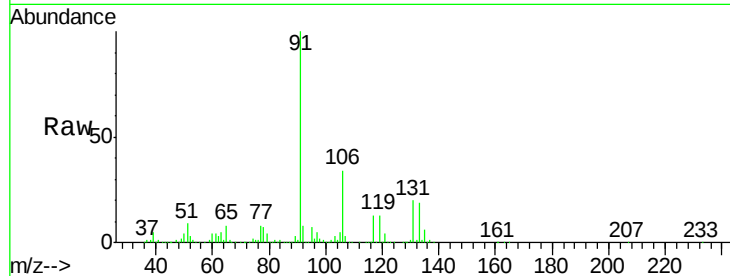
#67
Ethyl Benzene
Concen: 50.255 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100319

Tot Ion: 91 Resp: 1173742
Ion Ratio Lower Upper
91 100
106 33.8 26.3 39.5

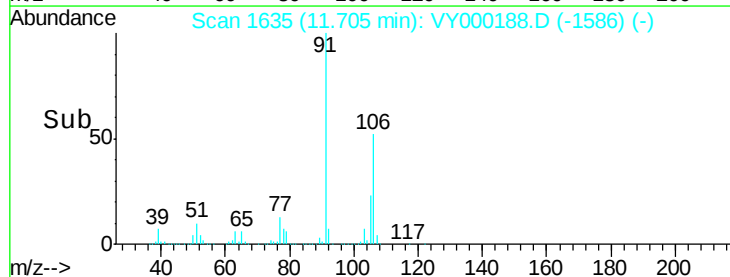
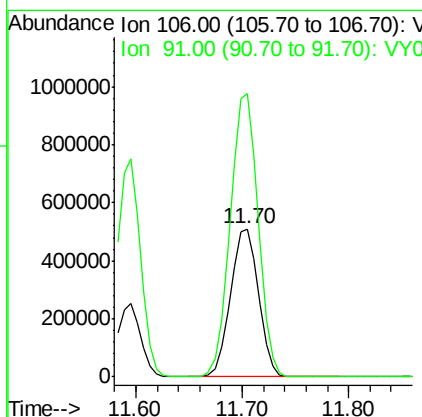
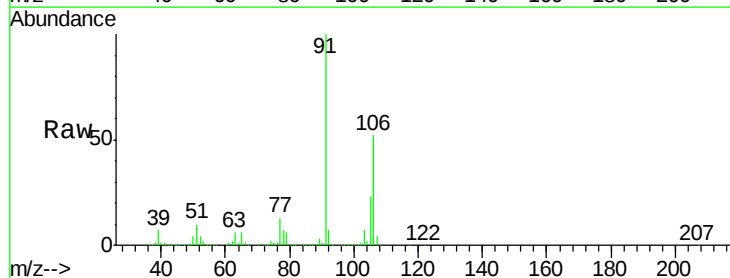
Manual Integrations
APPROVED

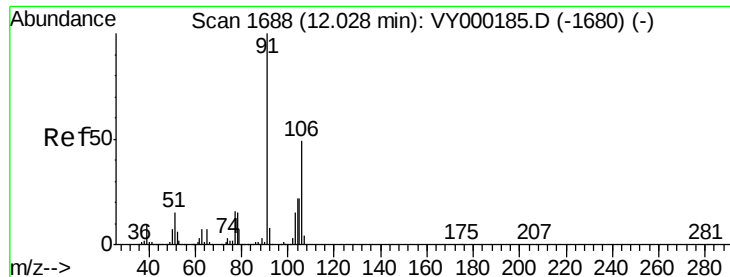
MMDadoda
10/7/2019 12:51:14 PM



#68
m/p-Xylenes
Concen: 100.048 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 106 Resp: 939289
Ion Ratio Lower Upper
106 100
91 190.6 151.7 227.5





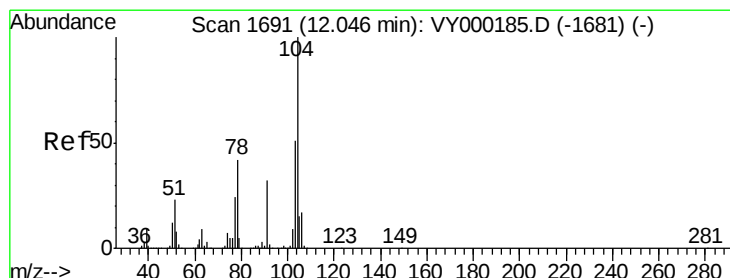
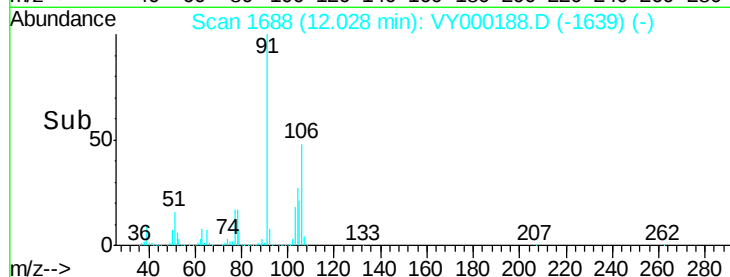
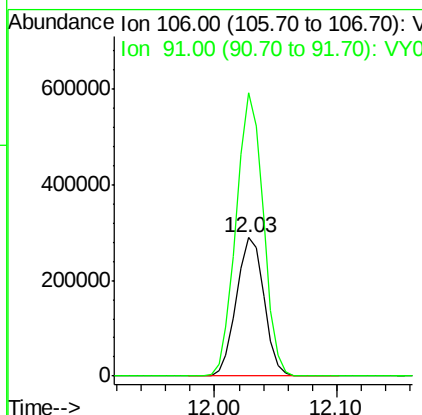
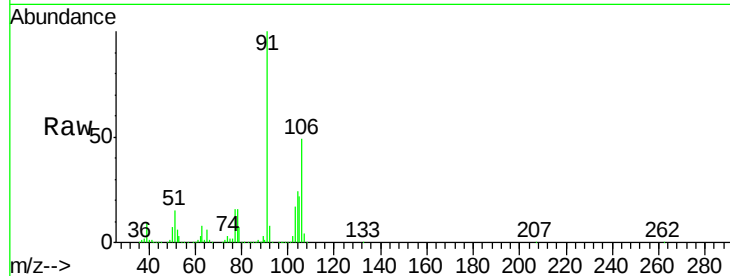
#69
o-Xylene
Concen: 50.603 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100319

Tot Ion:106 Resp: 451846
Ion Ratio Lower Upper
106 100
91 201.1 98.7 296.1

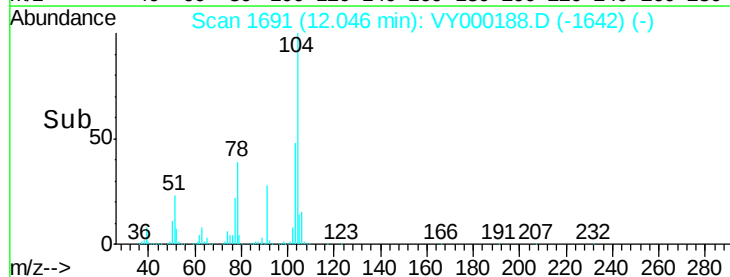
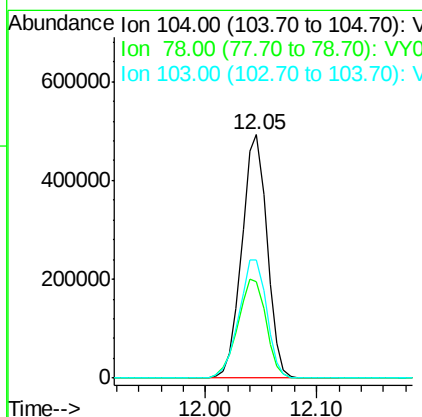
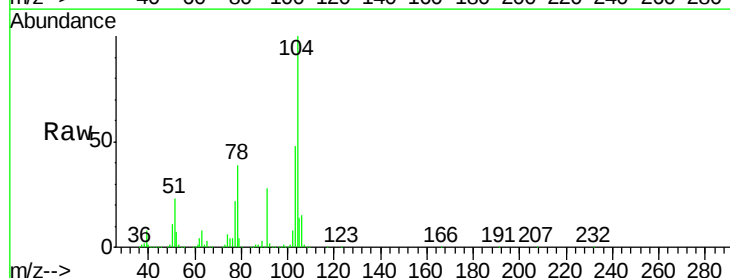
Manual Integrations
APPROVED

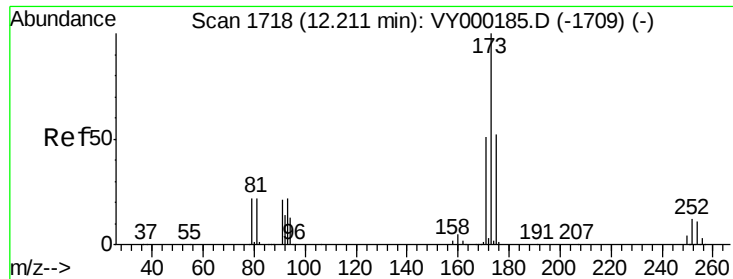
MMDadoda
10/7/2019 12:51:14 PM



#70
Styrene
Concen: 51.404 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion:104 Resp: 774366
Ion Ratio Lower Upper
104 100
78 45.4 36.3 54.5
103 53.6 43.1 64.7





#71

Bromoform

Concen: 52.355 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

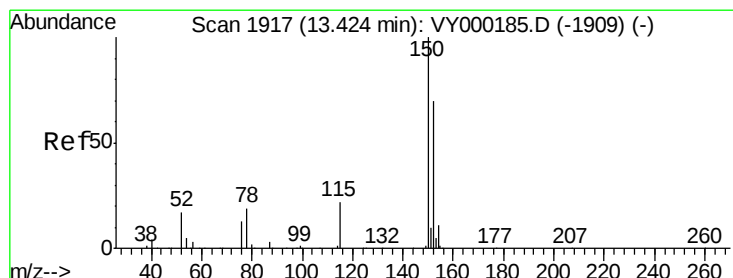
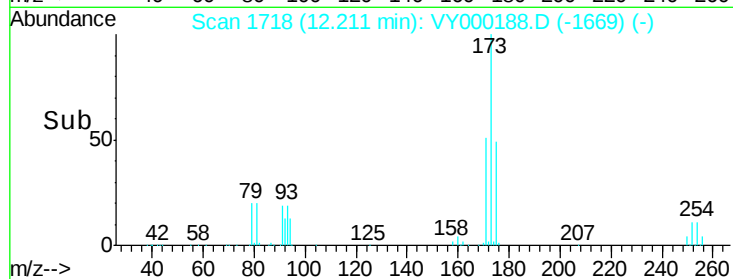
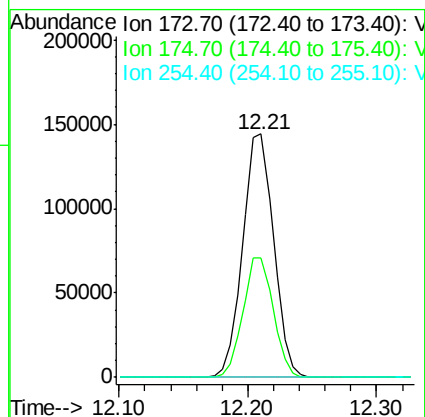
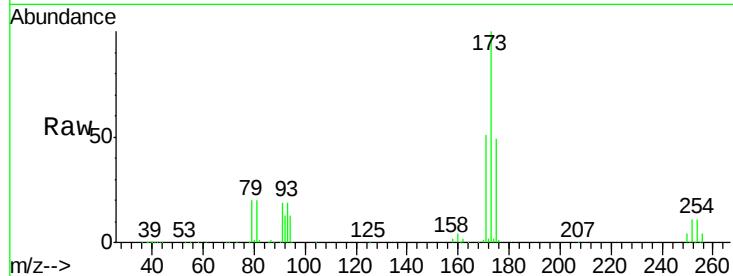
ClientSampleId :

ICVVY100319

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.5	73.5
254	0.1	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

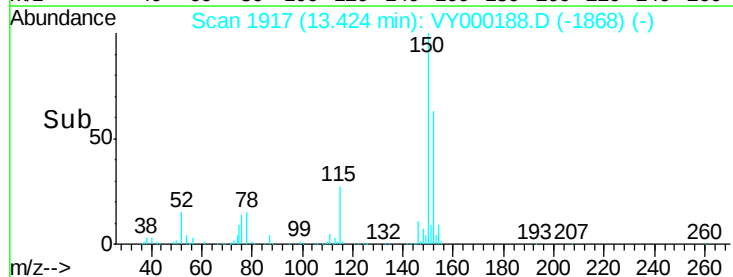
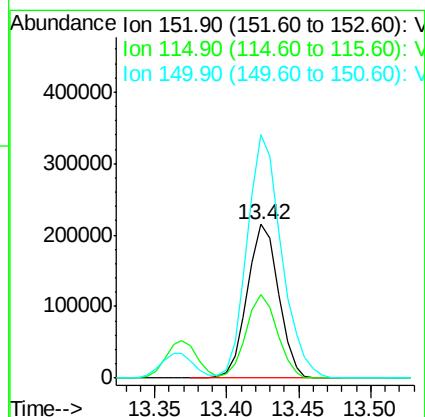
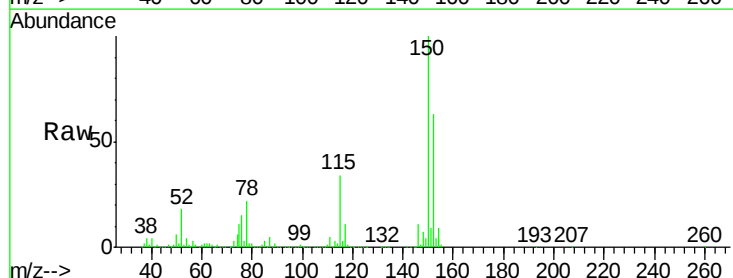
RT: 13.42 min Scan# 1917

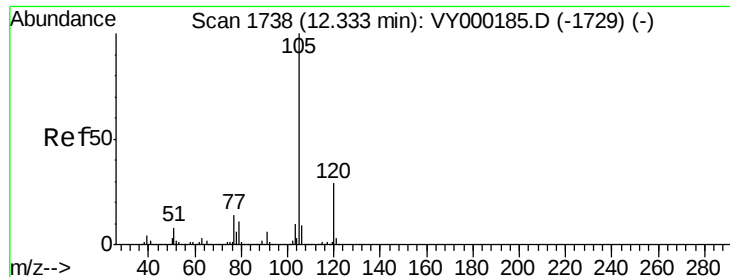
Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.2	81.6
150	174.3	0.0	351.2





#73

Isopropylbenzene

Concen: 49.088 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVY100319

Tot Ion:105 Resp: 1167152

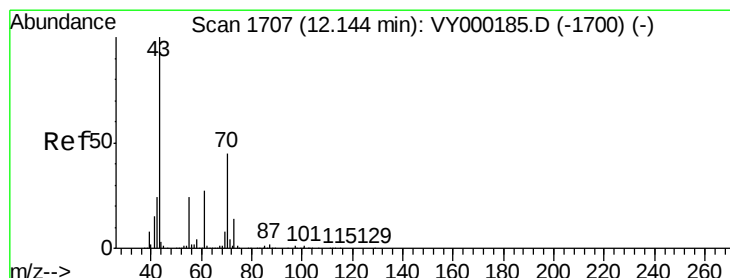
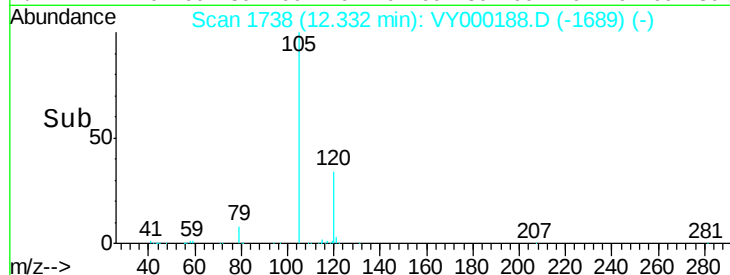
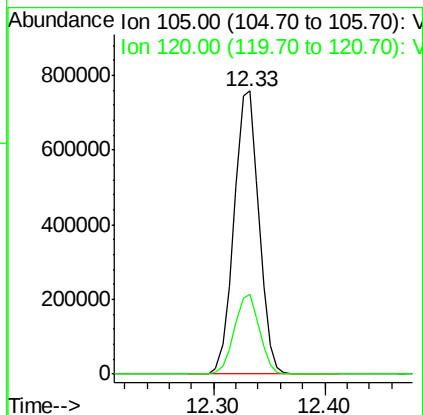
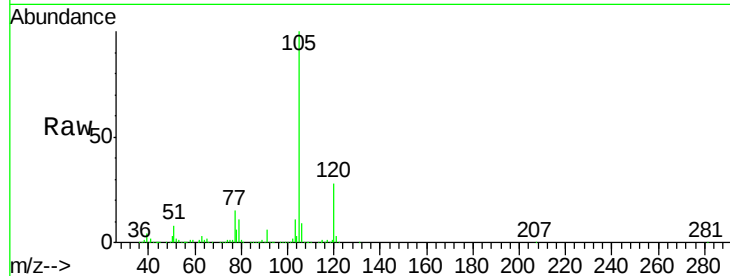
Ion Ratio Lower Upper

105 100

120 28.5 14.1 42.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 49.215 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion: 43 Resp: 543587

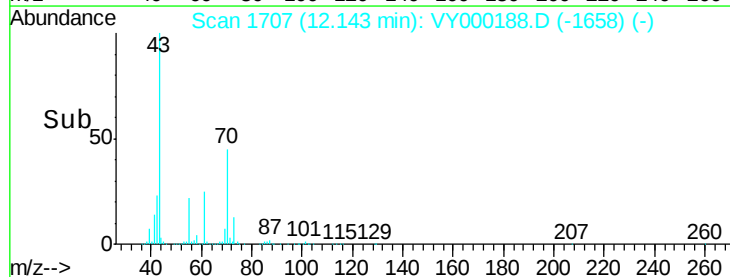
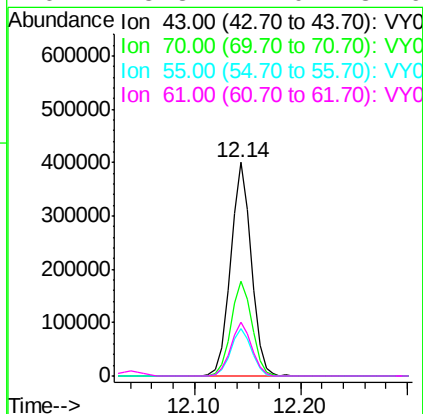
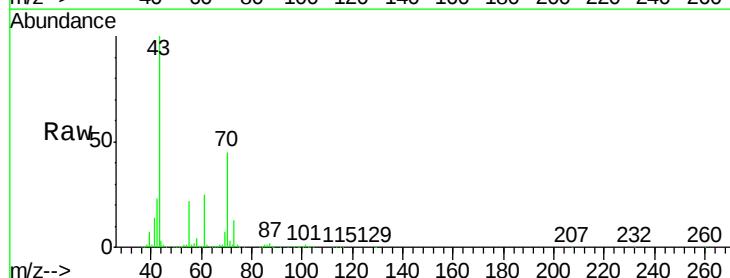
Ion Ratio Lower Upper

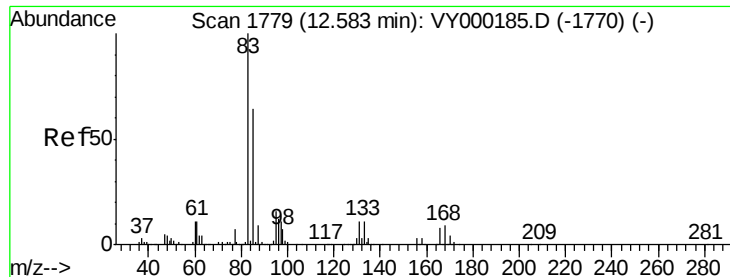
43 100

70 45.2 36.7 55.1

55 22.5 18.6 27.8

61 25.3 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.314 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

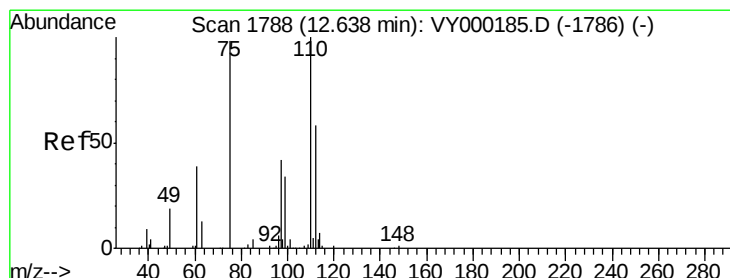
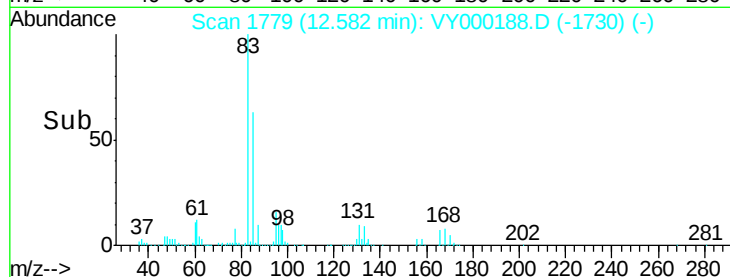
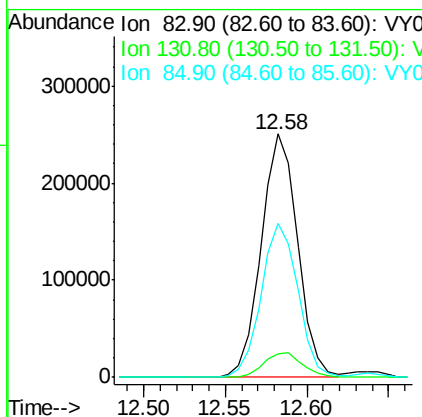
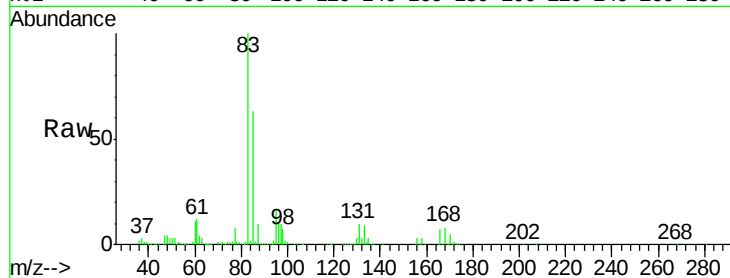
ClientSampleId :

ICVY00319

Tot Ion:	83	Resp:	388614
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.6	16.8
85	63.5	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.943 ug/l m

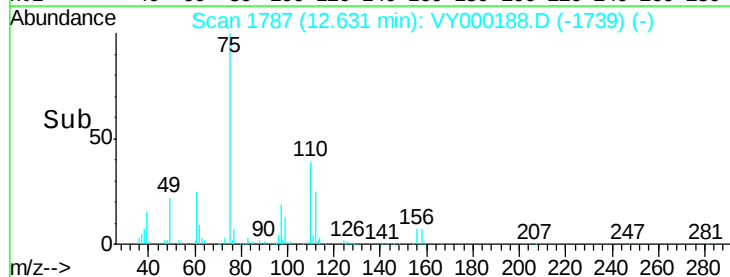
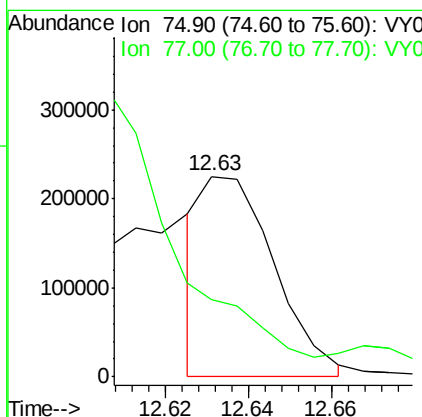
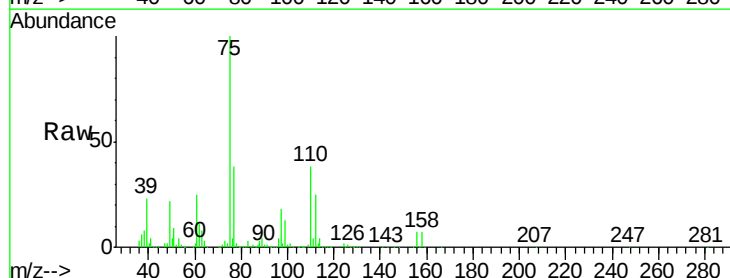
RT: 12.63 min Scan# 1787

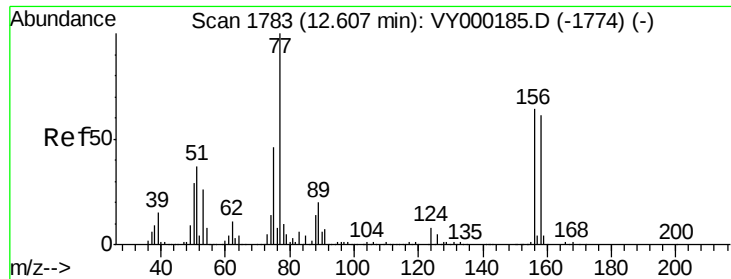
Delta R.T. -0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion:	75	Resp:	272166
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





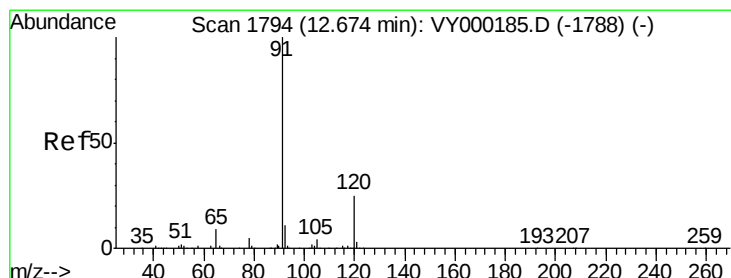
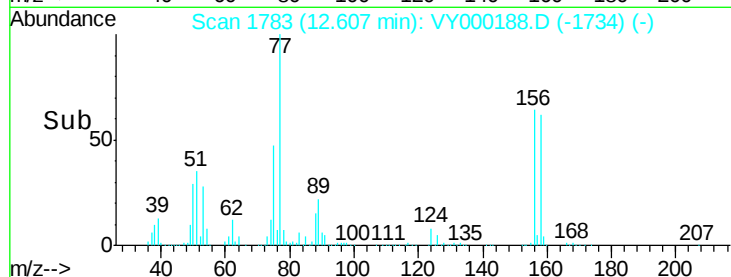
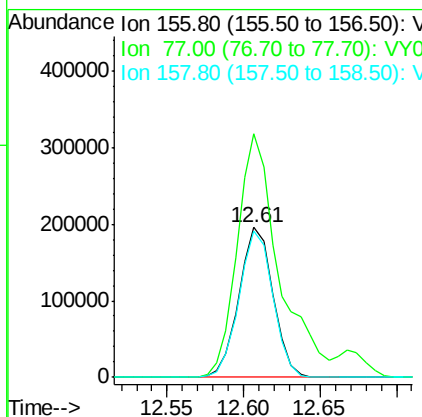
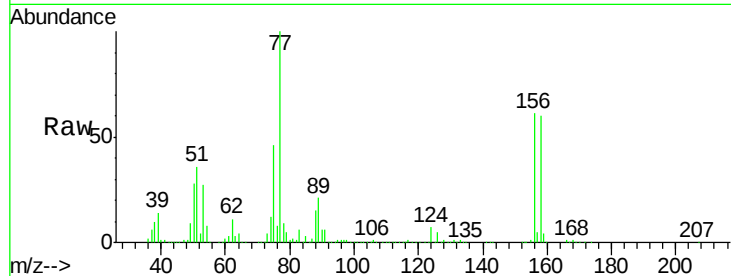
#77
Bromobenzene
Concen: 49.232 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVY00319

Tot Ion	Ratio	Lower	Upper
156	100		
77	199.0	95.3	285.8
158	97.2	48.0	144.2

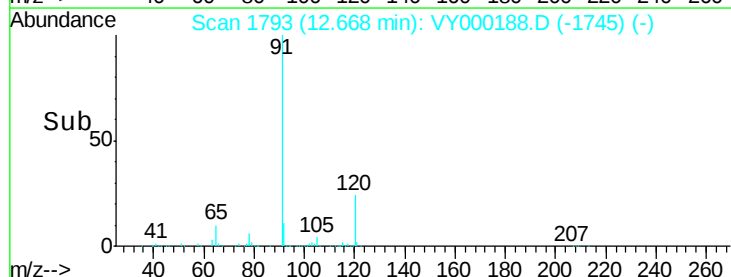
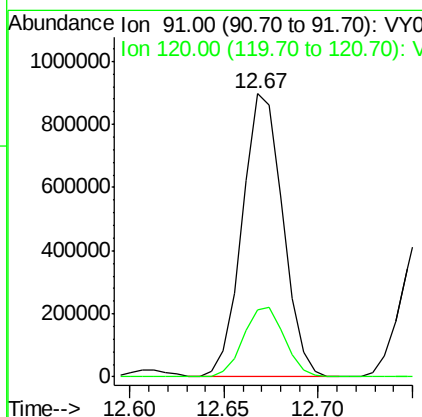
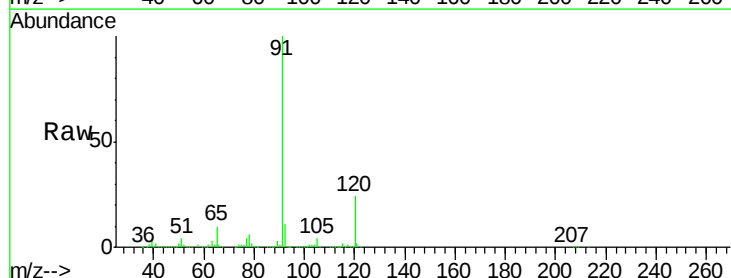
Manual Integrations
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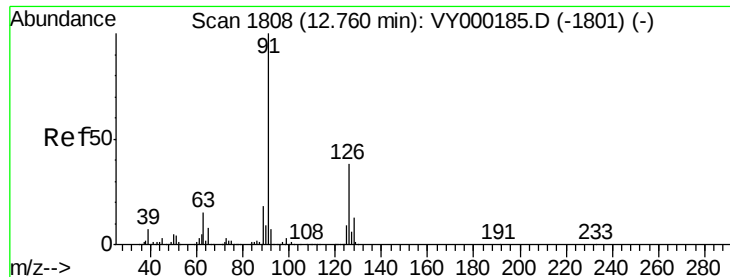
MMDadoda
10/7/2019 12:51:14 PM



#78
n-propylbenzene
Concen: 50.331 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.6	37.8





#79

2-Chlorotoluene

Concen: 50.773 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

Tot Ion: 91 Resp: 772741

Ion Ratio Lower Upper

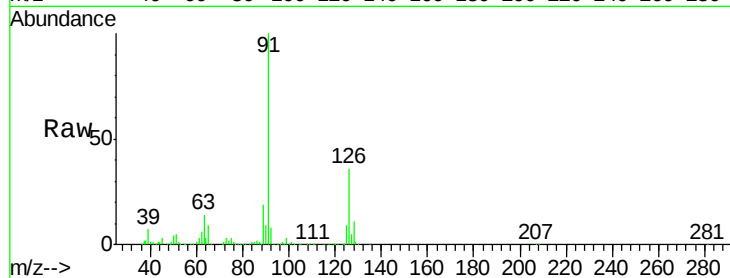
91 100

126 36.7 18.6 56.0

Manual Integrations
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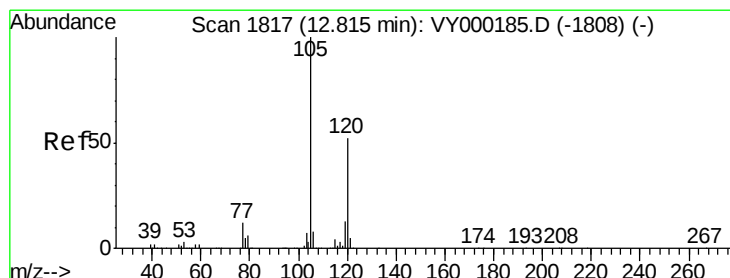
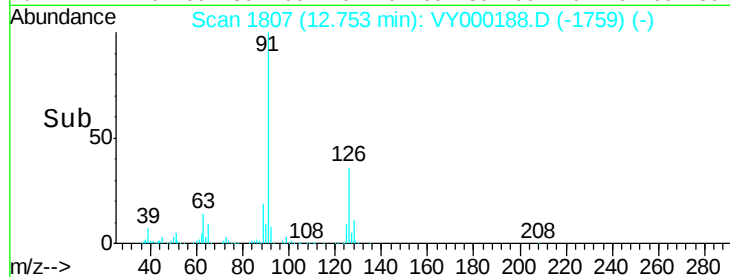
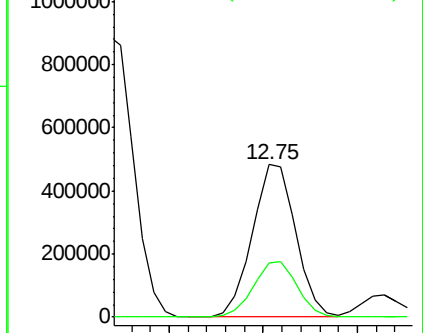
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.343 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000188.D

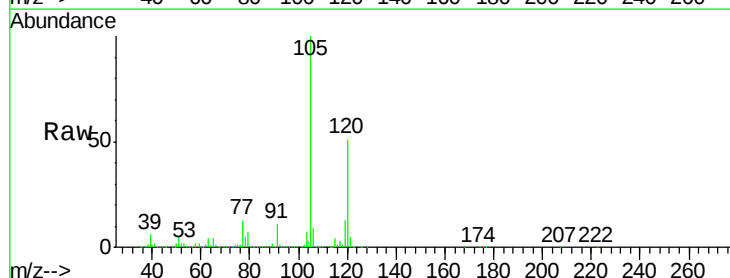
Acq: 03 Oct 2019 17:08

Tgt Ion: 105 Resp: 993308

Ion Ratio Lower Upper

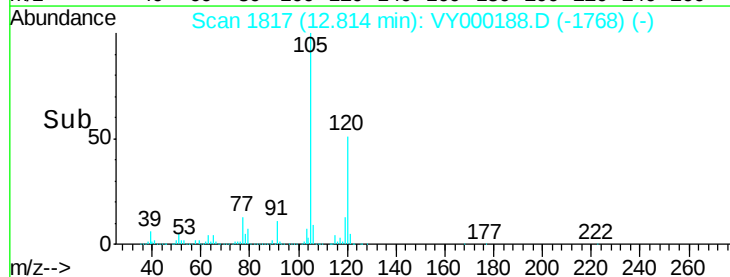
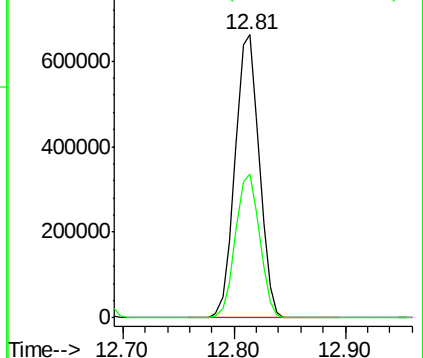
105 100

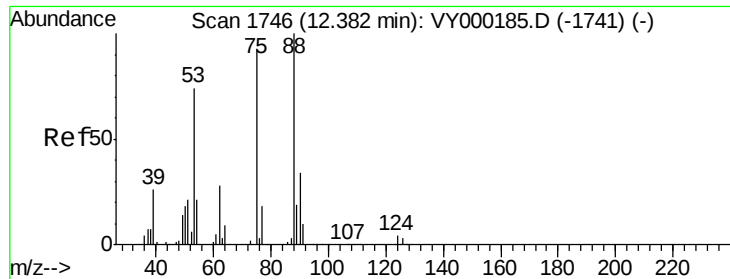
120 51.1 25.9 77.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.105 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

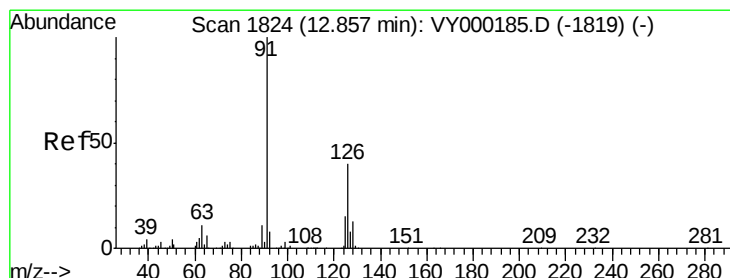
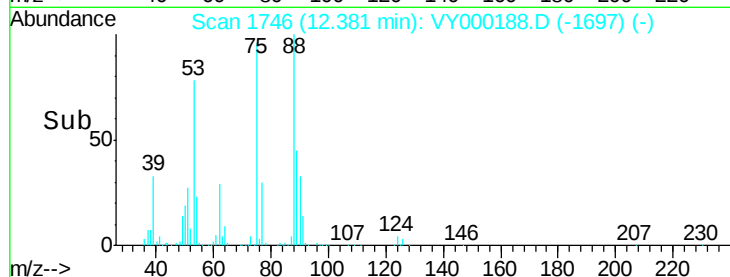
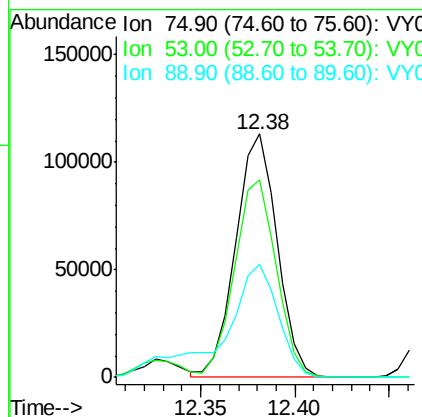
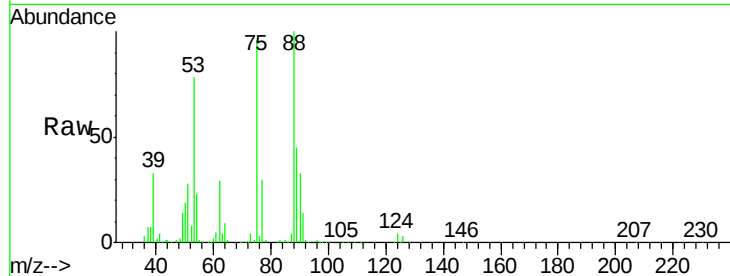
ClientSampleId :

ICVY00319

Tot Ion:	75	Resp:	172763
Ion	Ratio	Lower	Upper
75	100		
53	81.8	67.7	101.5
89	62.4	37.0	55.4#

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#82

4-Chlorotoluene

Concen: 50.751 ug/l

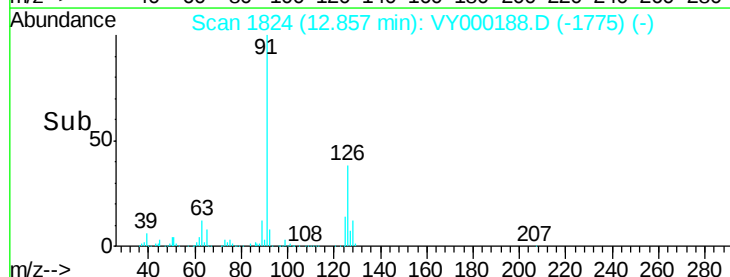
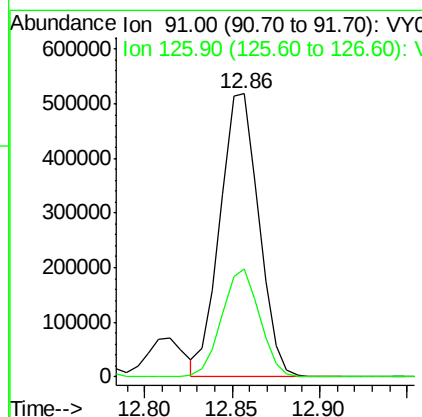
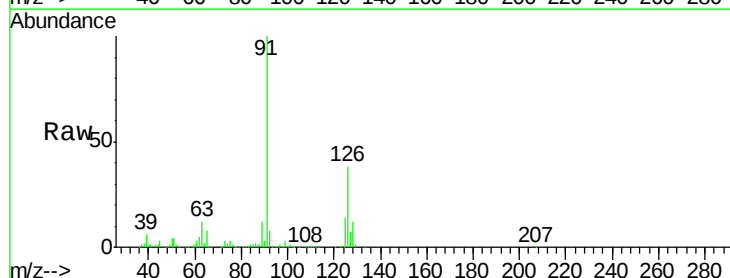
RT: 12.86 min Scan# 1824

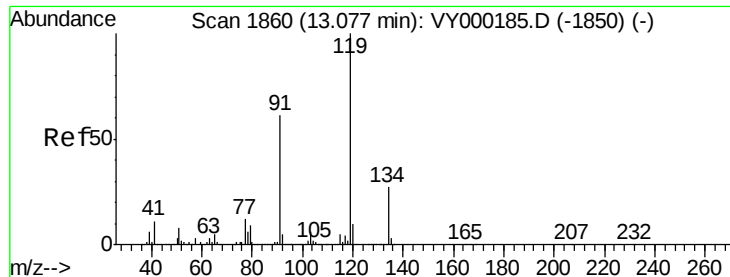
Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion:	91	Resp:	798559
Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.4	55.0





#83

tert-Butylbenzene

Concen: 49.943 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

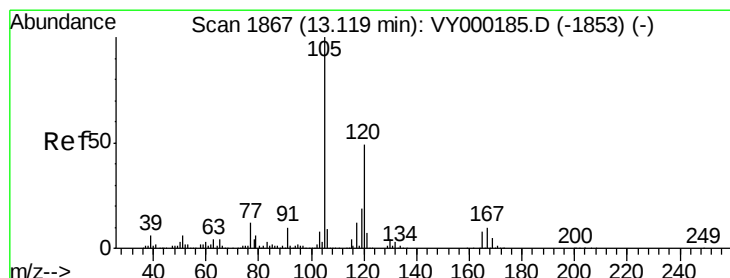
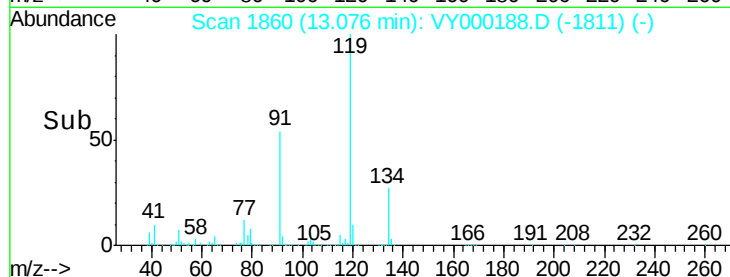
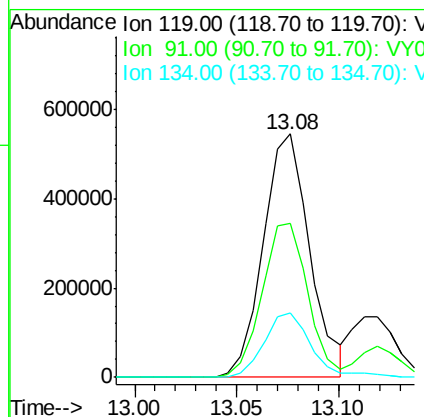
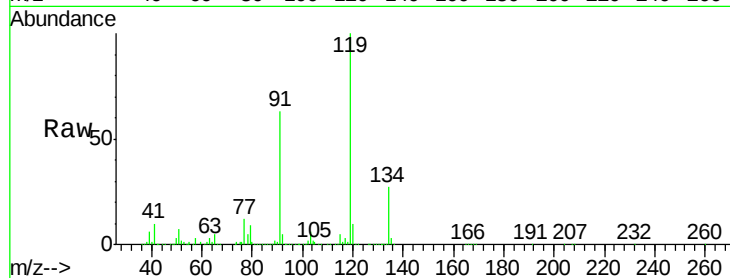
ClientSampleId :

ICVY100319

Tot Ion:	119	Resp:	868770
Ion Ratio	Lower	Upper	
119	100		
91	62.3	30.6	92.0
134	27.3	13.7	41.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 51.090 ug/l

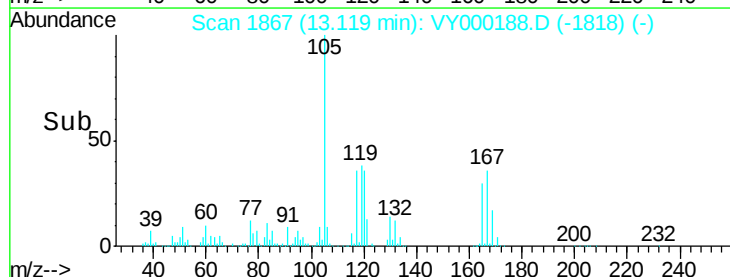
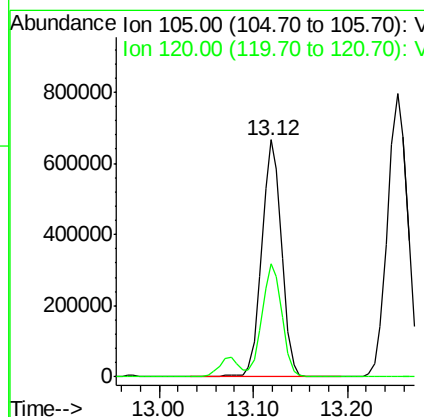
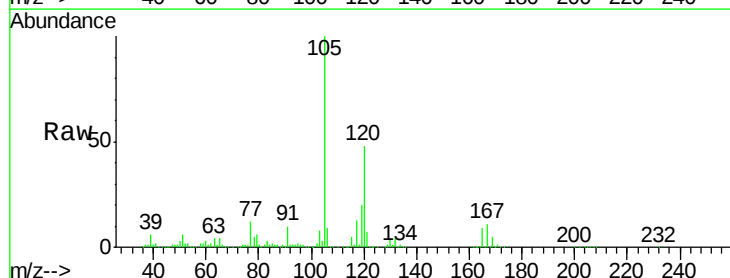
RT: 13.12 min Scan# 1867

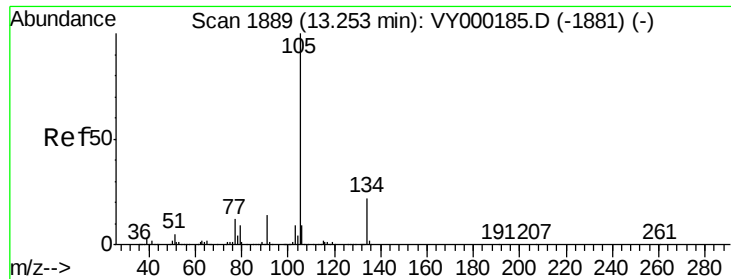
Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion:	105	Resp:	992392
Ion Ratio	Lower	Upper	
105	100		
120	47.3	24.0	72.0





#85

sec-Butylbenzene

Concen: 50.373 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVY100319

Tot Ion:105 Resp: 1189282

Ion Ratio Lower Upper

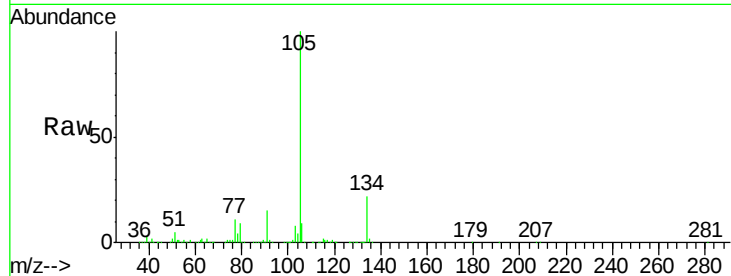
105 100

134 21.5 10.9 32.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

800000

600000

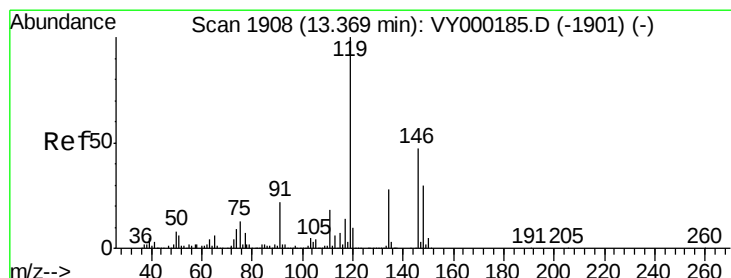
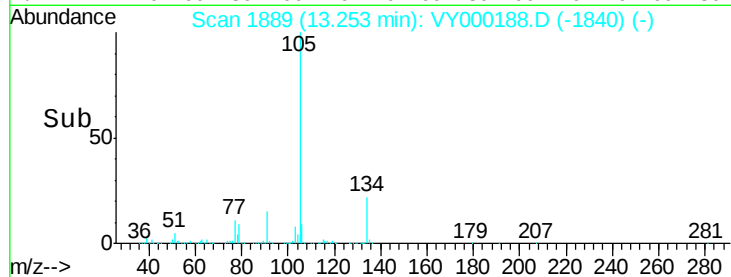
400000

200000

0

13.20 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 50.581 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

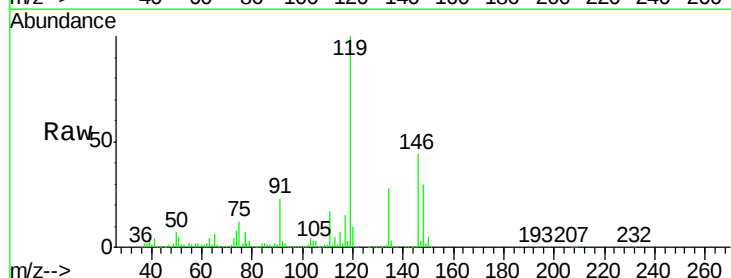
Tgt Ion:119 Resp: 1088724

Ion Ratio Lower Upper

119 100

134 28.0 14.1 42.2

91 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

1000000

800000

600000

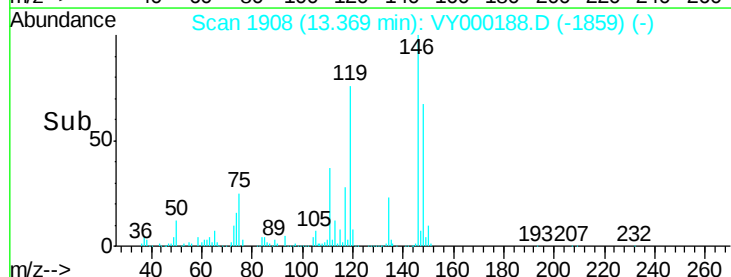
400000

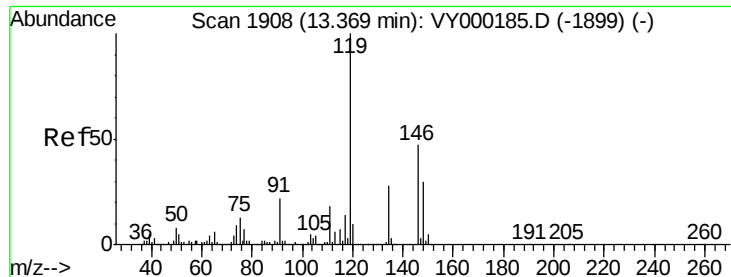
200000

0

13.30 13.35 13.40

Time-->





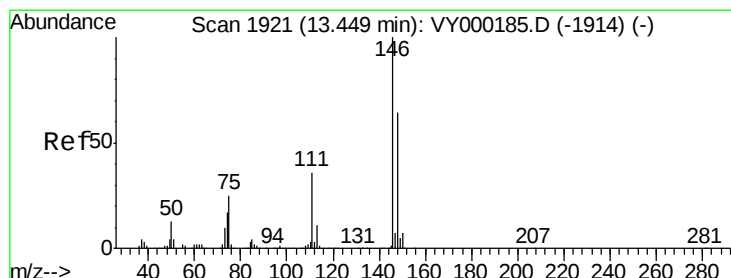
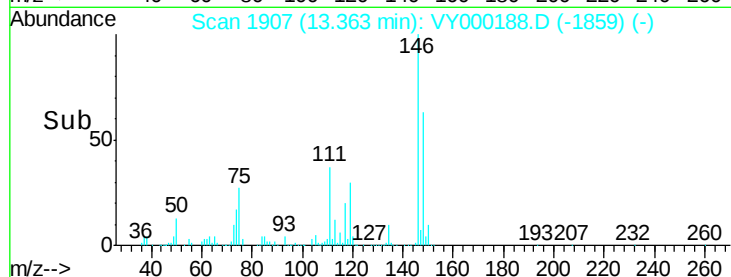
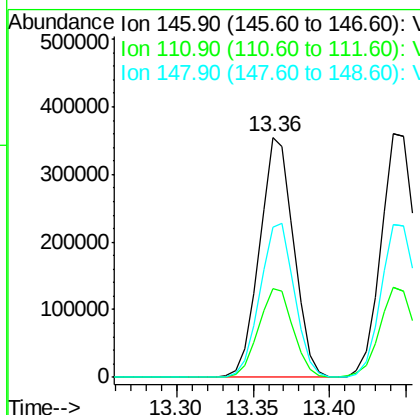
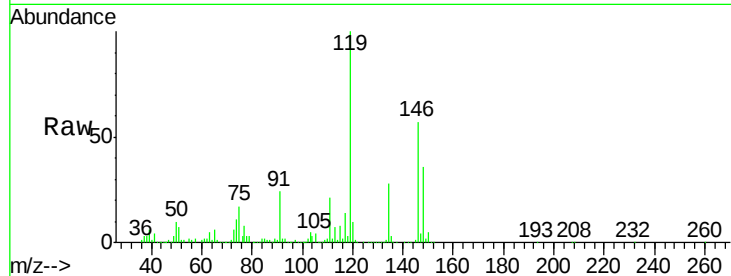
#87
 1,3-Dichlorobenzene
 Concen: 49.205 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

Tot Ion	Ratio	Resp	Lower	Upper
146	100	551437		
111	37.4	18.9	56.7	
148	64.8	32.3	96.8	

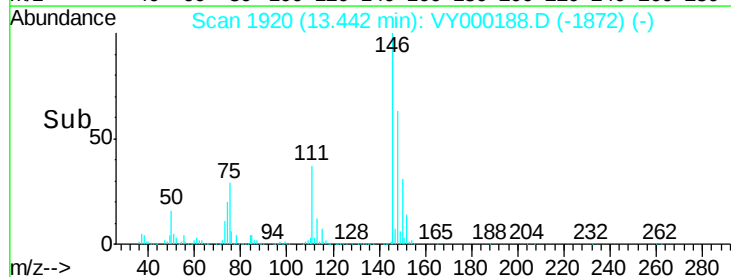
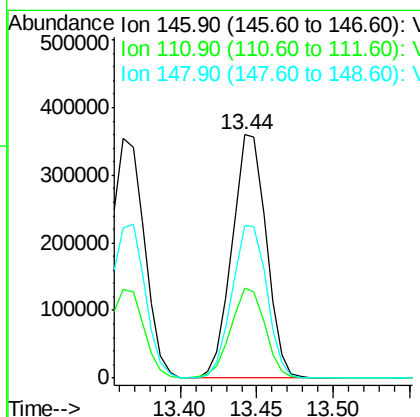
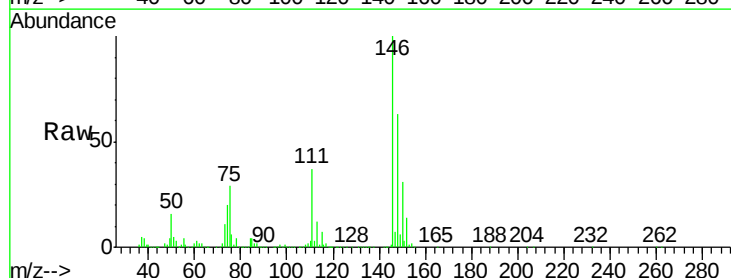
Manual Integrations
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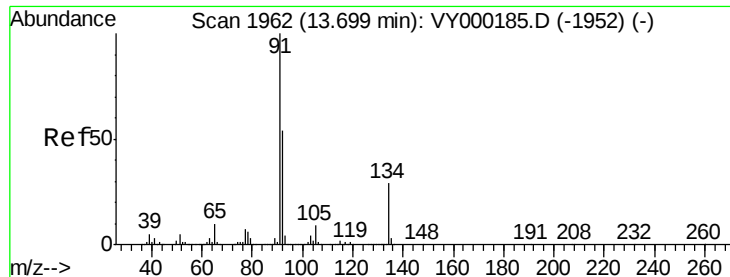
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 49.402 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	558448		
111	37.0	18.1	54.1	
148	63.8	32.3	96.8	





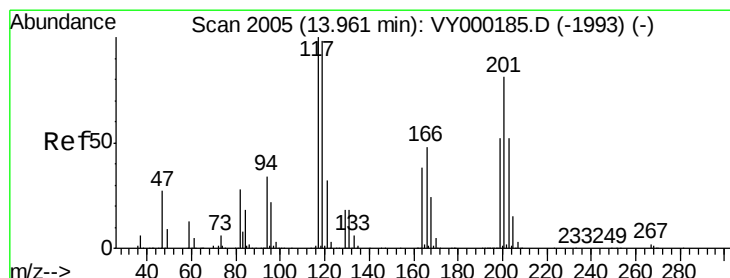
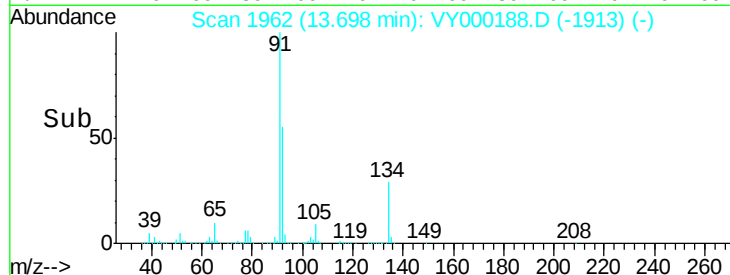
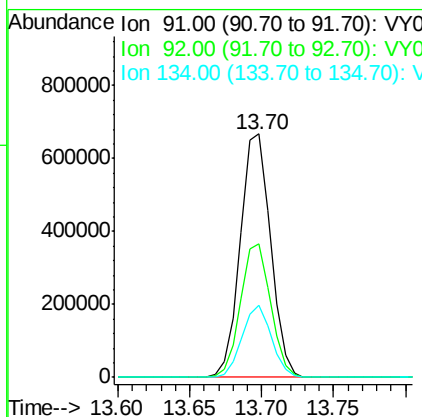
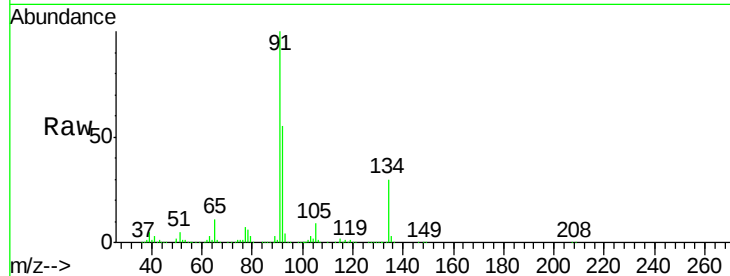
#89
n-Butylbenzene
Concen: 51.278 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100319

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.3
134	28.6	14.4	43.0

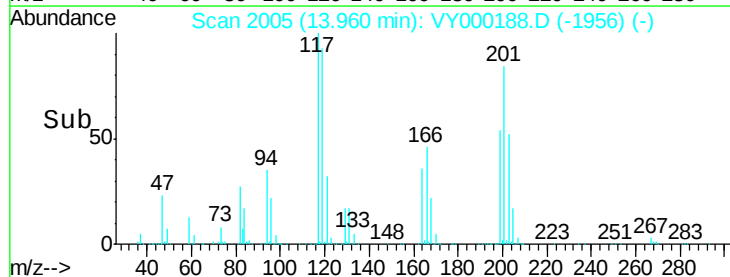
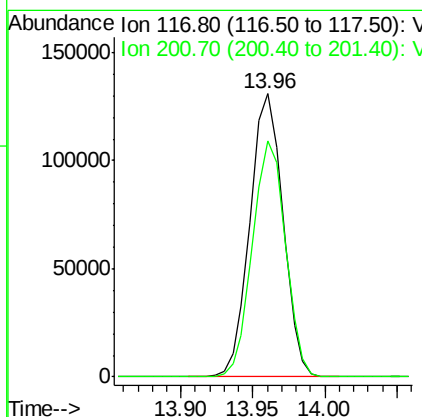
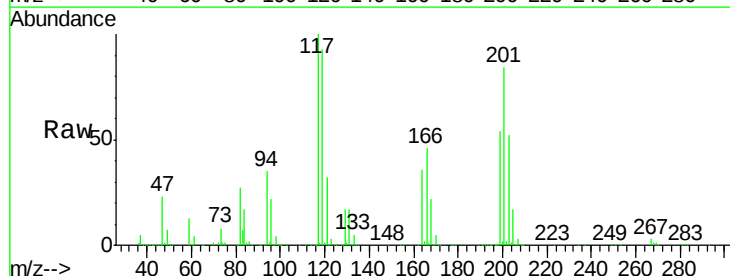
Manual Integrations
APPROVED

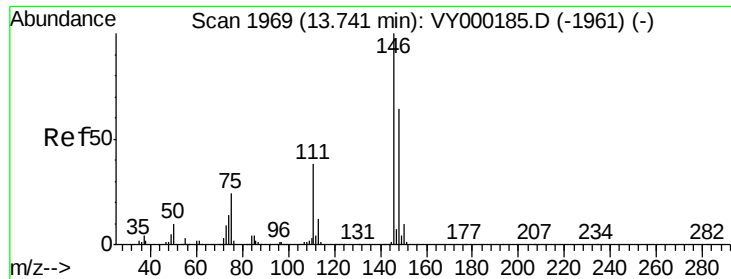
MMDadoda
10/7/2019 12:51:14 PM



#90
Hexachloroethane
Concen: 52.123 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.2	42.6	128.0





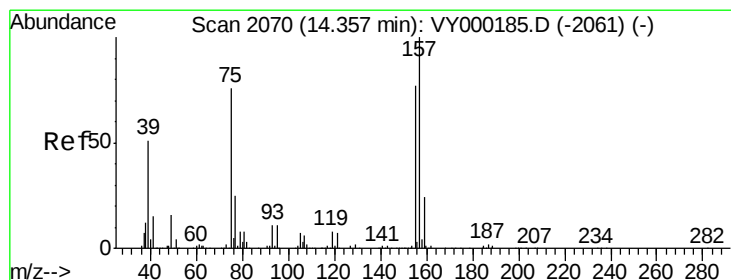
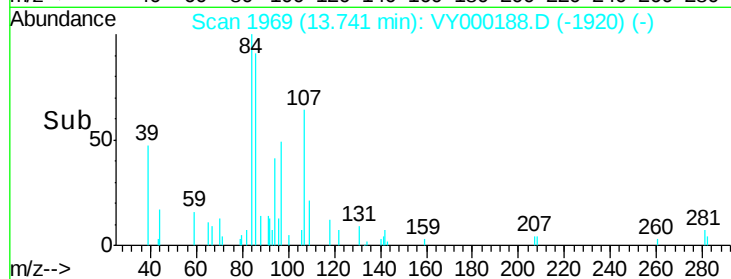
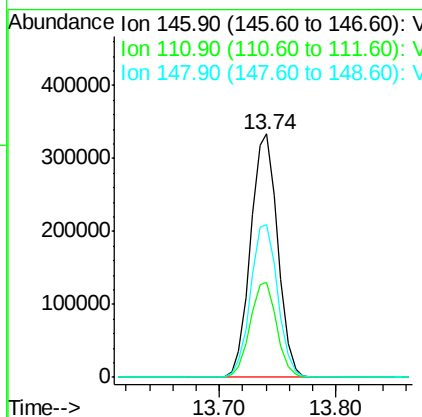
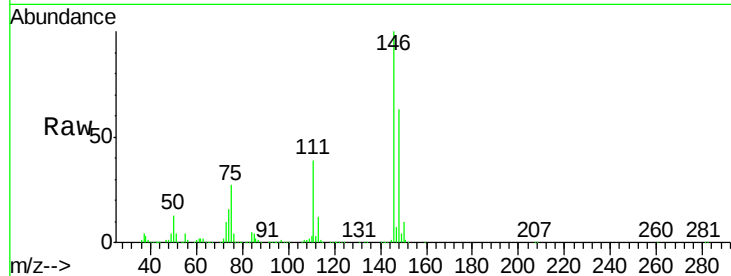
#91
 1,2-Dichlorobenzene
 Concen: 49.060 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	63.2	32.1	96.5

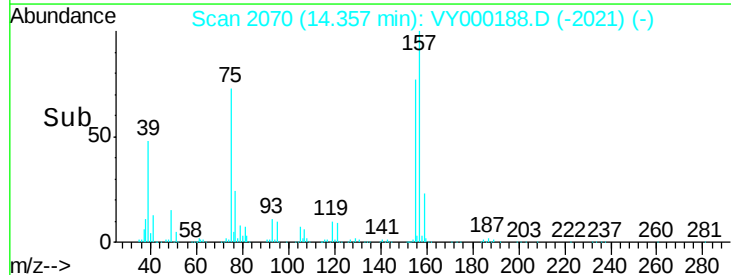
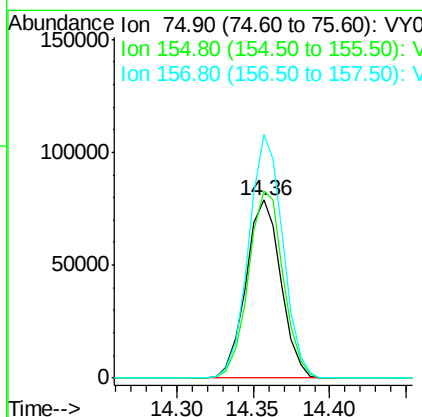
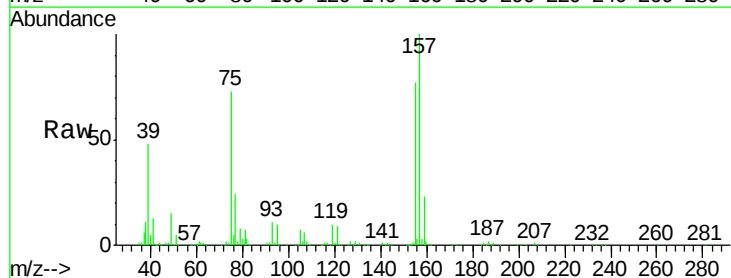
Manual Integrations
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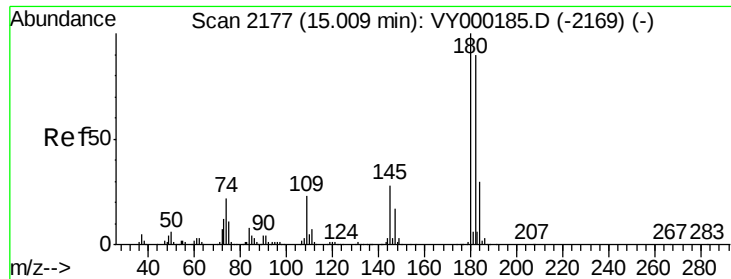
MMDadoda
 10/7/2019 12:51:14 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.511 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.3	52.3	157.1
157	133.4	66.8	200.3





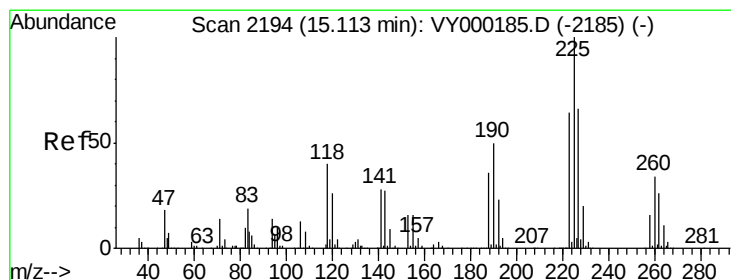
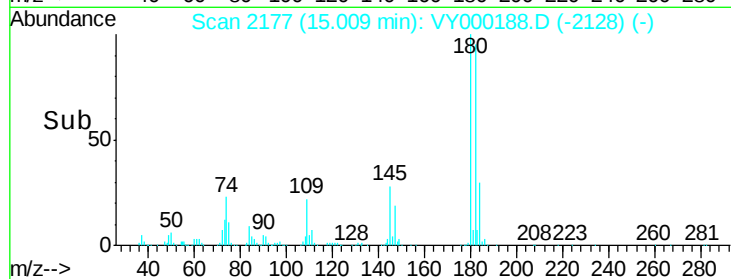
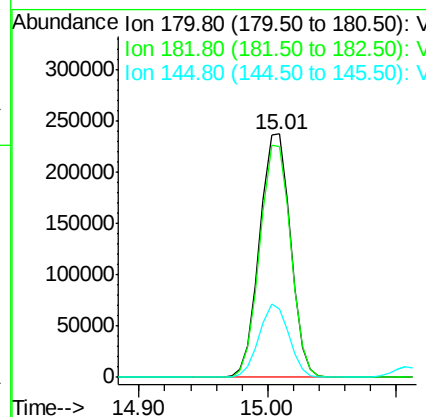
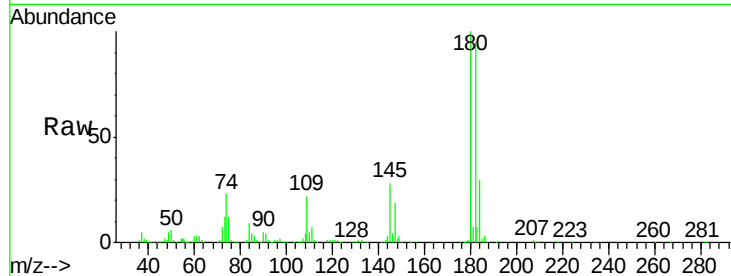
#93
 1,2,4-Trichlorobenzene
 Concen: 50.721 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

Tot Ion	Ratio	Resp	Lower	Upper
180	100	393441		
182	95.3	47.1	141.3	
145	29.1	14.4	43.2	

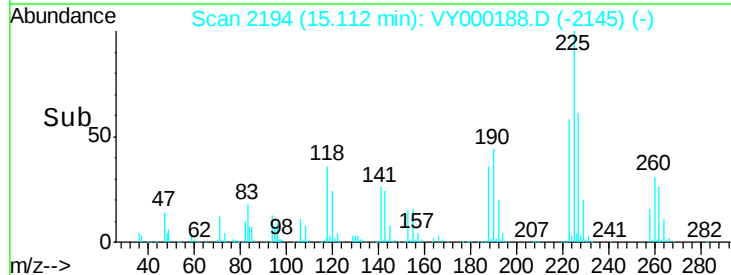
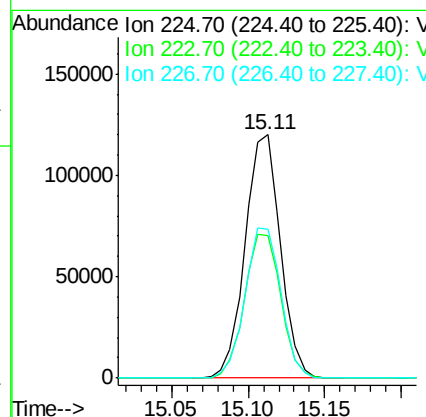
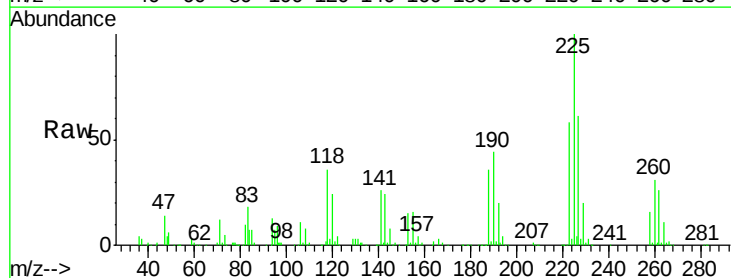
Manual Integrations
 APPROVED

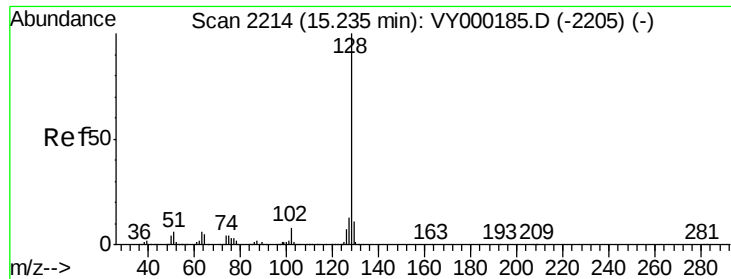
MMDadoda
 10/7/2019 12:51:14 PM



#94
 Hexachlorobutadiene
 Concen: 49.595 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	192161		
223	61.0	31.9	95.9	
227	62.8	32.1	96.3	





#95

Naphthalene

Concen: 50.515 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

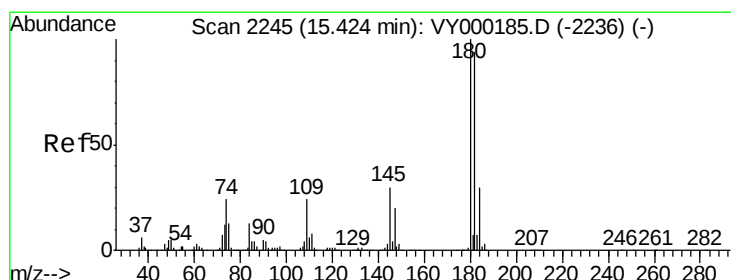
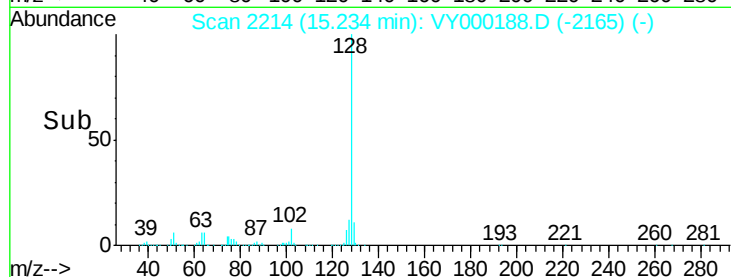
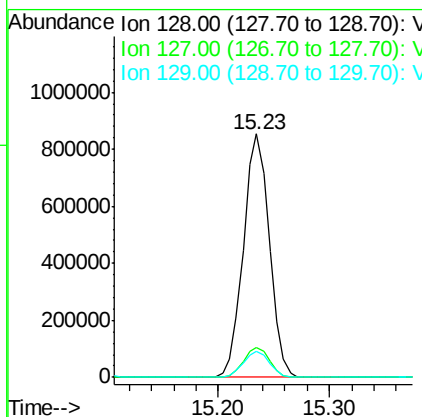
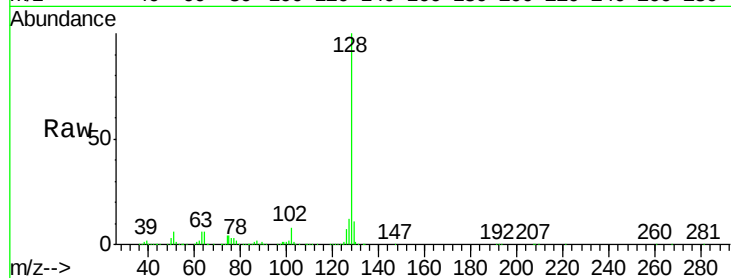
ClientSampleId :

ICVVY100319

Tot Ion:	128	Resp:	1382596
Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.9	14.9
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/7/2019 12:51:14 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.599 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion:	180	Resp:	387763
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.7	143.1
145	30.8	15.4	46.2

