

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002939.D
 Acq On : 19 Jun 2020 15:27
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY061920

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:07:01 PM

Quant Time: Jun 20 04:41:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	416143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	614881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	560000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	288645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	167291	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	7.72	113	172054	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.18	98	677409	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.48	95	231355	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	135697	51.149	ug/l	100
3) Chloromethane	2.12	50	148692	49.363	ug/l	99
4) Vinyl Chloride	2.26	62	163902	50.678	ug/l	98
5) Bromomethane	2.65	94	124459	52.151	ug/l	97
6) Chloroethane	2.80	64	106147	50.743	ug/l	98
7) Trichlorofluoromethane	3.13	101	298803	51.449	ug/l	98
8) Diethyl Ether	3.54	74	106355	50.753	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	182086	52.058	ug/l	98
10) Methyl Iodide	4.10	142	253334	52.314	ug/l	99
11) Tert butyl alcohol	4.97	59	86993	232.815	ug/l	99
12) 1,1-Dichloroethene	3.88	96	180516	52.044	ug/l	96
13) Acrolein	3.74	56	88091	255.108	ug/l	100
14) Allyl chloride	4.49	41	261024	52.176	ug/l	100
15) Acrylonitrile	5.18	53	255395	254.120	ug/l	99
16) Acetone	3.96	43	229209	269.235	ug/l	97
17) Carbon Disulfide	4.20	76	558872	54.500	ug/l	99
18) Methyl Acetate	4.49	43	108230	50.216	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	484302	51.266	ug/l	99
20) Methylene Chloride	4.72	84	210354	51.090	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	201918	52.432	ug/l	97
22) Diisopropyl ether	6.13	45	520516	50.963	ug/l	97
23) Vinyl Acetate	6.07	43	1784457	270.094	ug/l	98
24) 1,1-Dichloroethane	6.03	63	311415	51.467	ug/l	100
25) 2-Butanone	6.99	43	326829	256.195	ug/l	98
26) 2,2-Dichloropropane	6.99	77	283136	50.101	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	218193	50.694	ug/l	100
28) Bromochloromethane	7.34	49	127725	50.487	ug/l	96
29) Tetrahydrofuran	7.35	42	209644	254.410	ug/l	99
30) Chloroform	7.52	83	323672	51.074	ug/l	99
31) Cyclohexane	7.79	56	295045	49.989	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	297504	50.947	ug/l	100
36) 1,1-Dichloropropene	7.93	75	261620	52.390	ug/l	99
37) Ethyl Acetate	7.08	43	141010	50.854	ug/l	99
38) Carbon Tetrachloride	7.91	117	284513	51.698	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	342728	52.065	ug/l	99
40) Benzene	8.17	78	754457	50.747	ug/l	99
41) Methacrylonitrile	7.32	41	72796m	52.438	ug/l	
42) 1,2-Dichloroethane	8.24	62	206181	49.967	ug/l	100
43) Isopropyl Acetate	8.28	43	264602	51.245	ug/l	100
44) Trichloroethene	8.94	130	232665	50.523	ug/l	99
45) 1,2-Dichloropropane	9.22	63	181697	50.820	ug/l	100
46) Dibromomethane	9.31	93	108584	50.865	ug/l	99
47) Bromodichloromethane	9.50	83	255229	51.210	ug/l	97
48) Methyl methacrylate	9.30	41	120239	51.897	ug/l	99
49) 1,4-Dioxane	9.30	88	31534	1007.880	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	693596	253.484	ug/l	100
52) Toluene	10.24	92	487752	50.692	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	277829	51.291	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	314298	51.261	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	159034	49.955	ug/l	99
56) Ethyl methacrylate	10.51	69	223325	52.040	ug/l	100
57) 1,3-Dichloropropane	10.79	76	267238	50.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	552501	258.491	ug/l	100
59) 2-Hexanone	10.83	43	496765	258.231	ug/l	100
60) Dibromochloromethane	10.99	129	204711	50.422	ug/l	100
61) 1,2-Dibromoethane	11.09	107	161440	51.116	ug/l	98
64) Tetrachloroethene	10.72	164	237226	50.836	ug/l	100
65) Chlorobenzene	11.52	112	540667	51.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	205423	51.269	ug/l	100
67) Ethyl Benzene	11.60	91	944975	51.682	ug/l	100
68) m/p-Xylenes	11.70	106	735437	103.508	ug/l	99
69) o-Xylene	12.03	106	347698	51.915	ug/l	100
70) Styrene	12.05	104	598929	51.757	ug/l	100
71) Bromoform	12.20	173	138438	51.619	ug/l	98
73) Isopropylbenzene	12.33	105	937696	53.006	ug/l	99
74) N-amyl acetate	12.14	43	243372	53.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	174081	53.075	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	136160m	54.165	ug/l	
77) Bromobenzene	12.61	156	240375	51.898	ug/l	97
78) n-propylbenzene	12.67	91	1087006	52.963	ug/l	99
79) 2-Chlorotoluene	12.76	91	604553	52.591	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	781783	53.011	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	71738	54.484	ug/l	98
82) 4-Chlorotoluene	12.85	91	632706	52.337	ug/l	99
83) tert-Butylbenzene	13.08	119	691578	52.354	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	783089	52.770	ug/l	100
85) sec-Butylbenzene	13.25	105	944986	52.589	ug/l	100
86) p-Isopropyltoluene	13.37	119	881368	52.291	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	452605	51.843	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	449460	51.410	ug/l	99
89) n-Butylbenzene	13.70	91	800153	52.513	ug/l	100
90) Hexachloroethane	13.96	117	164941	52.538	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	411061	51.733	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31939	52.124	ug/l	100

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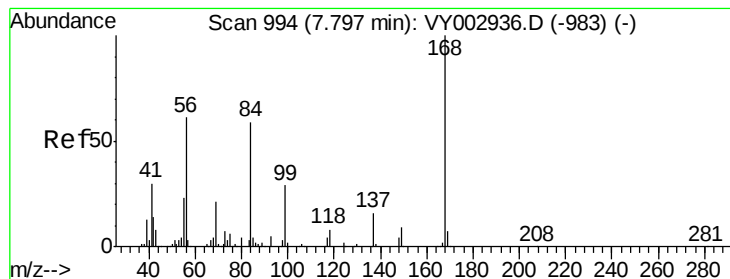
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	308551	51.749	ug/l	100
94) Hexachlorobutadiene	15.11	225	176719	51.421	ug/l	100
95) Naphthalene	15.23	128	631732	53.160	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	274853	51.667	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: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY061920

Tot Ion:168 Resp: 416143

Ion Ratio Lower Upper

168 100

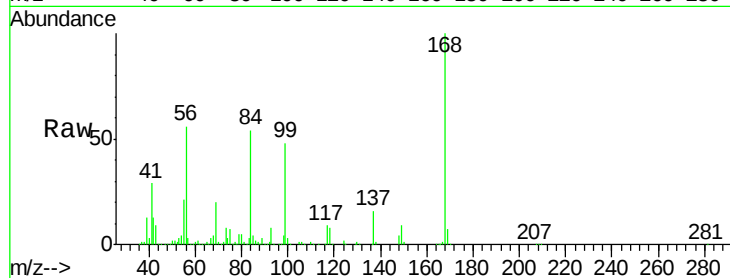
99 47.7 39.5 59.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

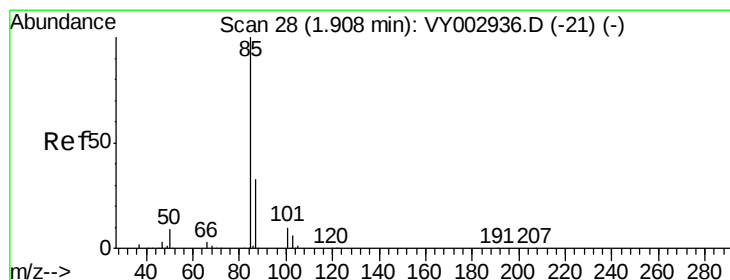
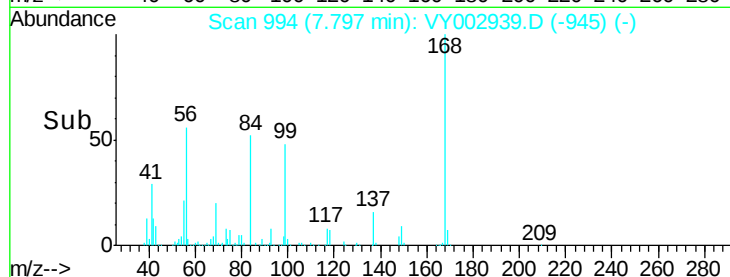
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.149 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002939.D

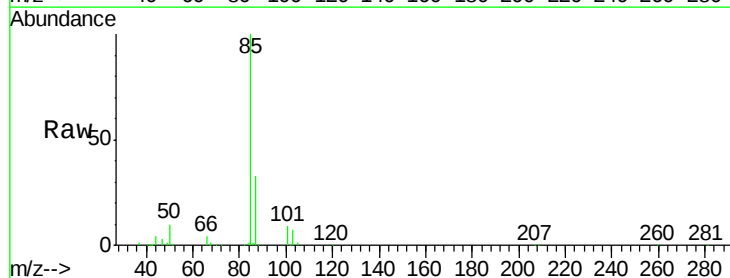
Acq: 19 Jun 2020 15:27

Tgt Ion: 85 Resp: 135697

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

100000

80000

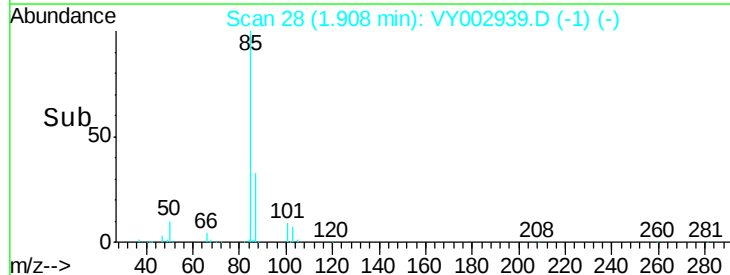
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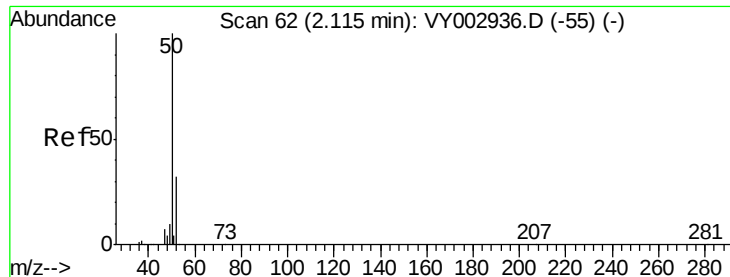
40000

20000

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Time-->





#3

Chloromethane

Concen: 49.363 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY061920

Tot Ion: 50 Resp: 148692

Ion Ratio Lower Upper

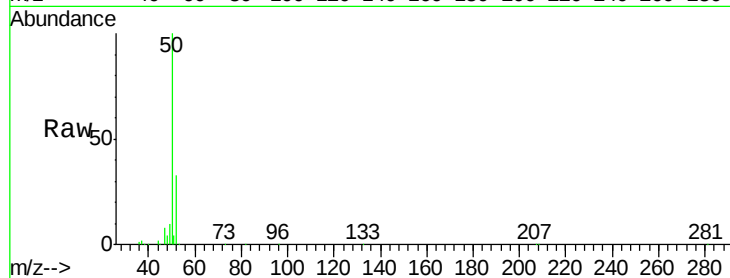
50 100

52 32.6 25.8 38.6

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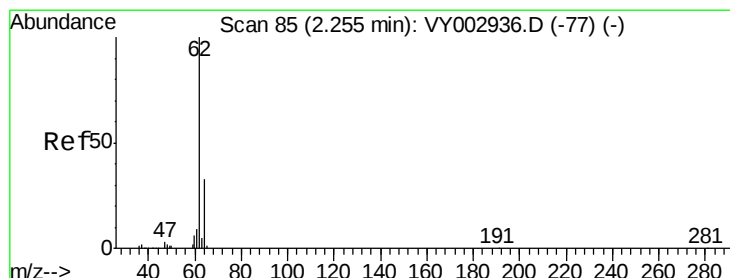
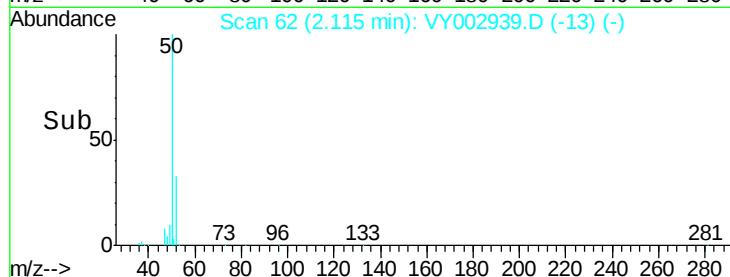
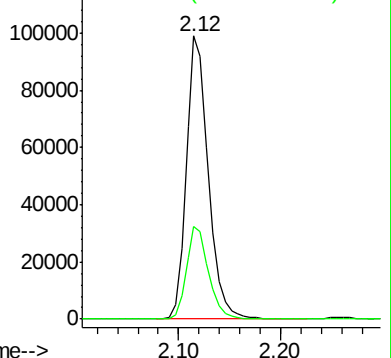
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.678 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002939.D

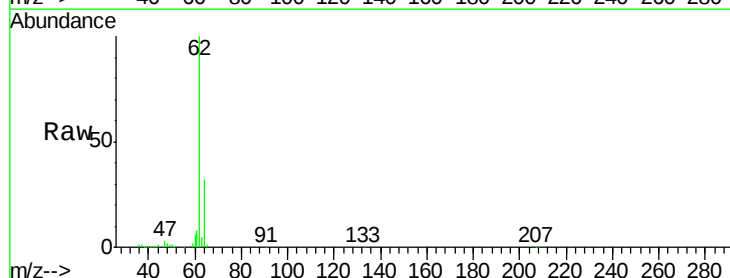
Acq: 19 Jun 2020 15:27

Tgt Ion: 62 Resp: 163902

Ion Ratio Lower Upper

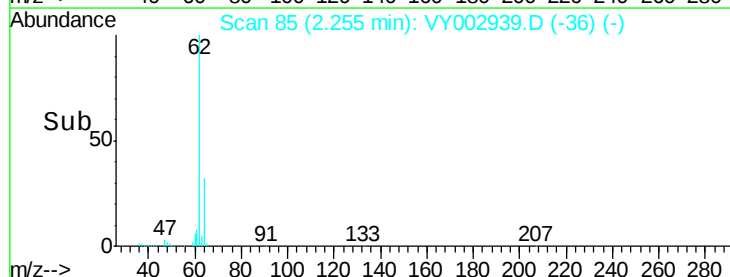
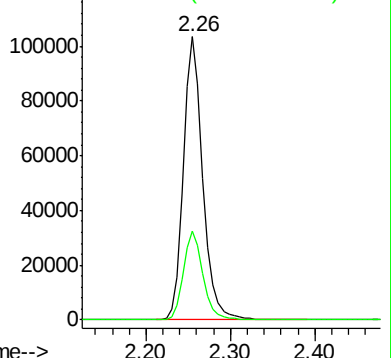
62 100

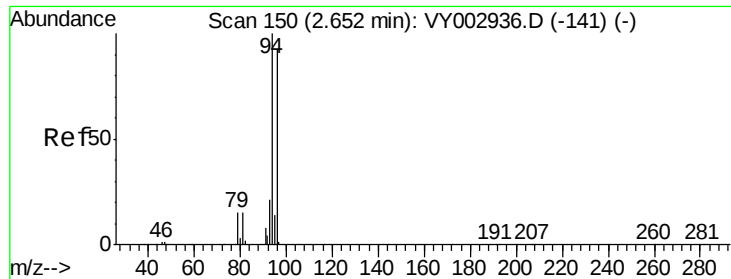
64 31.5 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.151 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVY061920

Tot Ion: 94 Resp: 124459

Ion Ratio Lower Upper

94 100

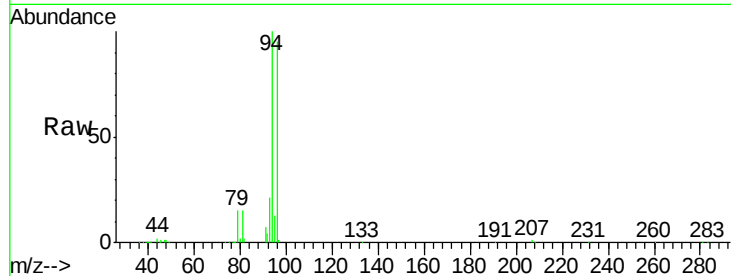
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Manual Integrations

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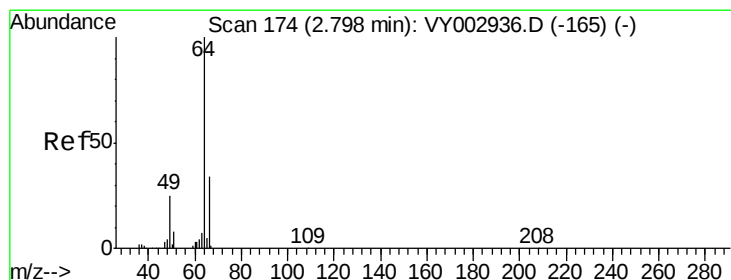
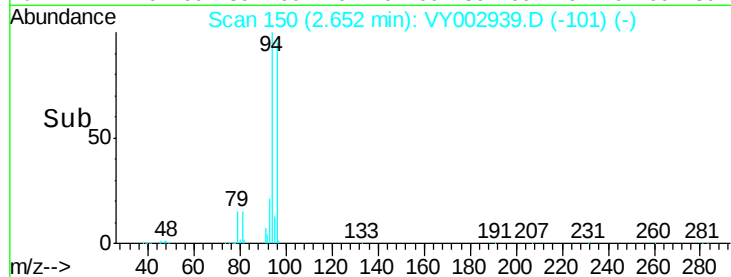
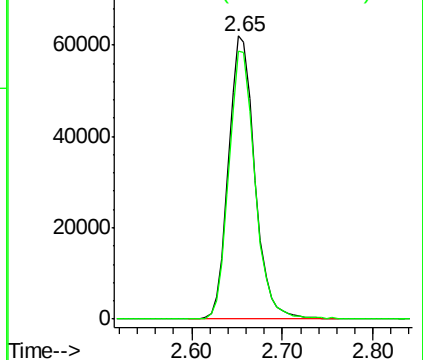
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.743 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002939.D

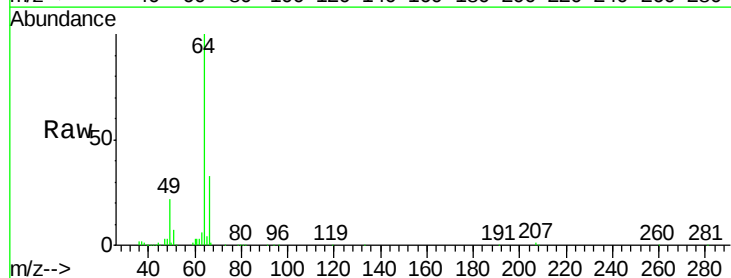
Acq: 19 Jun 2020 15:27

Tgt Ion: 64 Resp: 106147

Ion Ratio Lower Upper

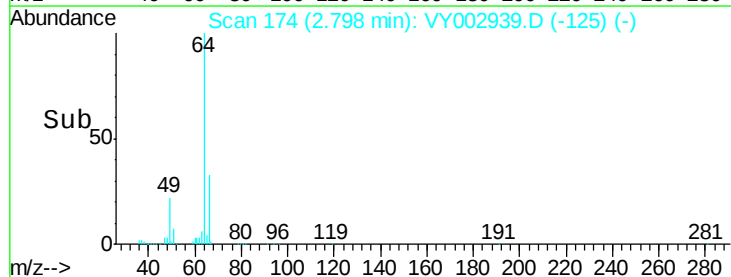
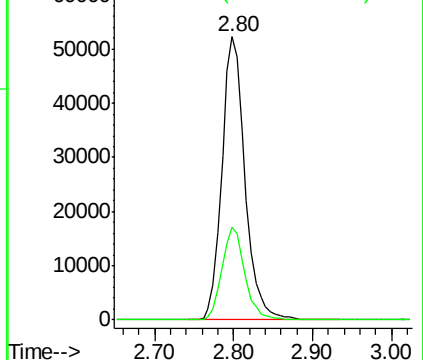
64 100

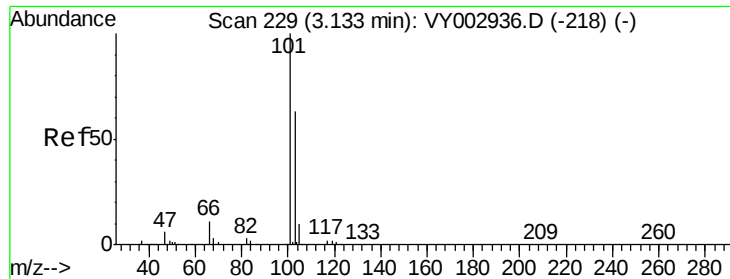
66 32.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

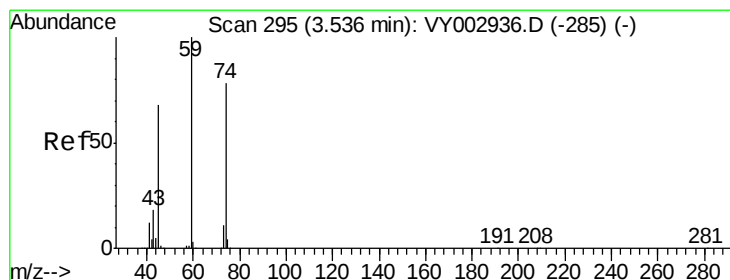
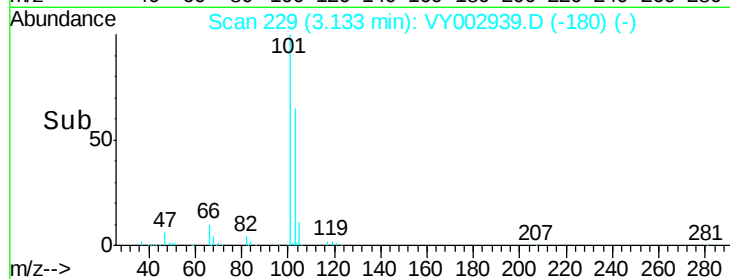
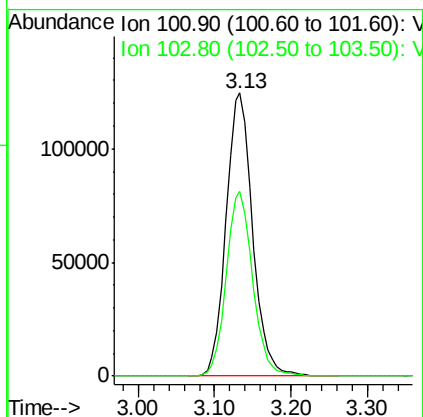
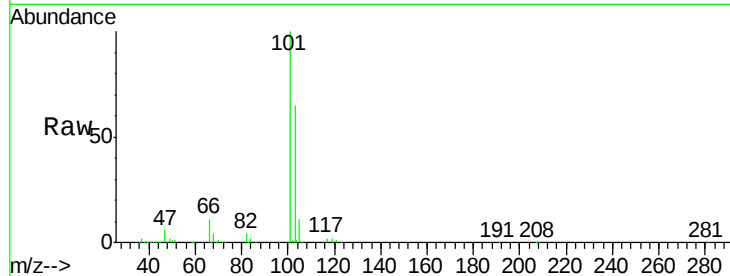
Trichlorofluoromethane
Concen: 51.449 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.6	76.0

Manual Integrations
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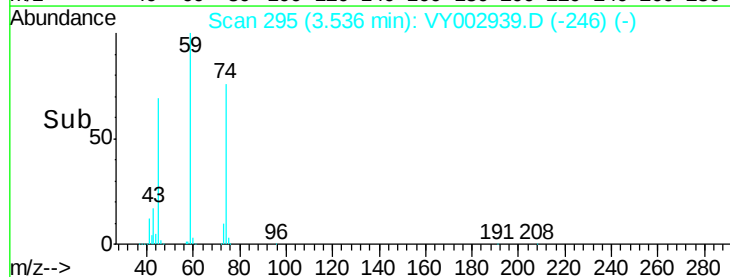
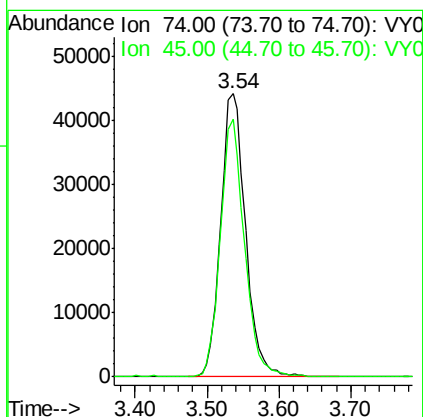
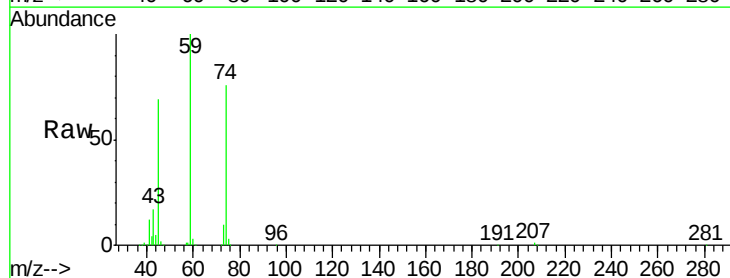
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6/22/2020 2:07:01 PM

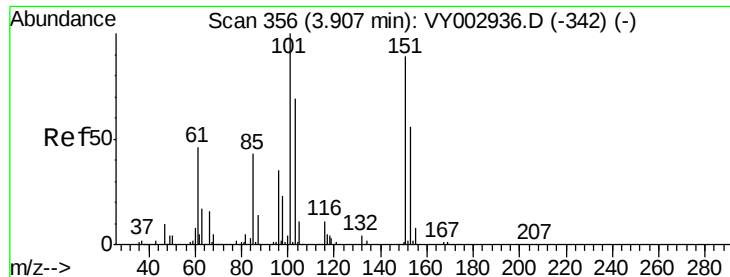


#8

Diethyl Ether
Concen: 50.753 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.8	43.7	131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.058 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

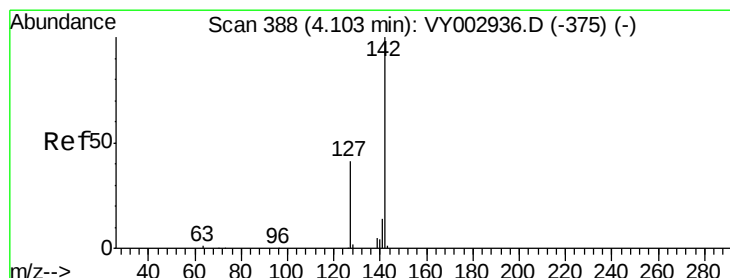
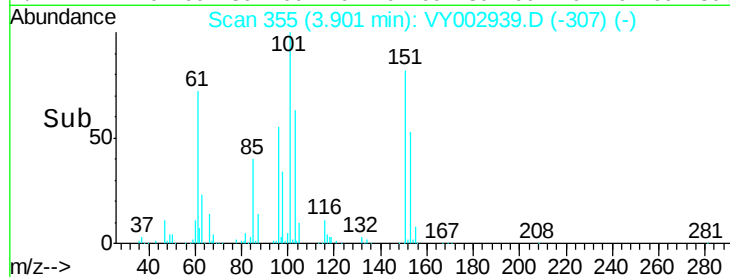
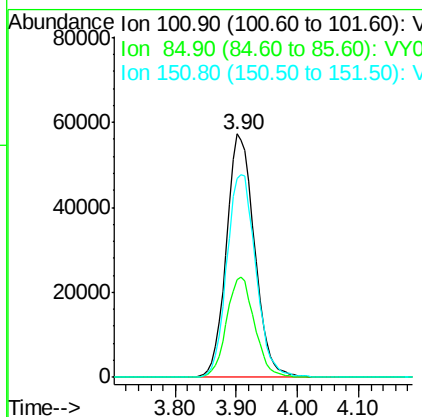
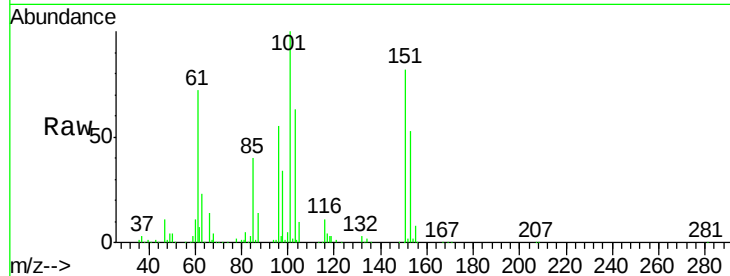
ClientSampleId :

ICVY061920

Tot Ion:	101	Resp:	182086
Ion Ratio	Lower	Upper	
101	100		
85	41.1	33.6	50.4
151	86.0	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 52.314 ug/l

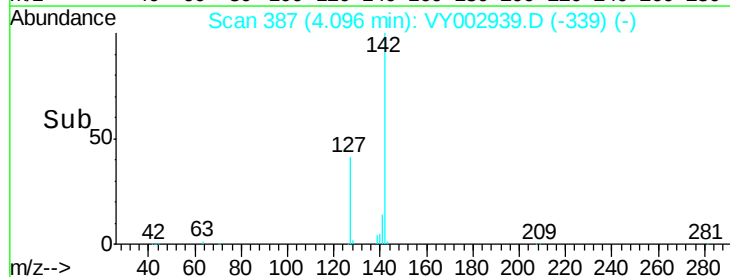
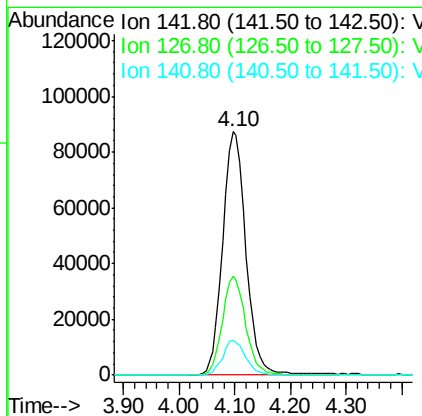
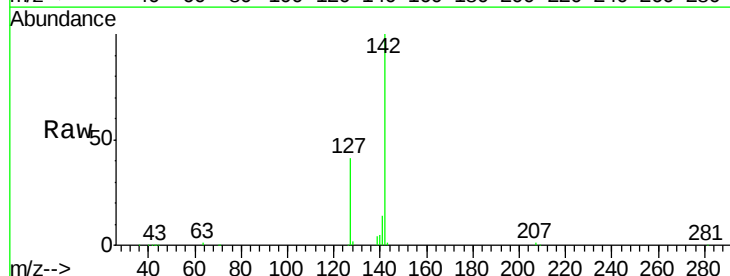
RT: 4.10 min Scan# 387

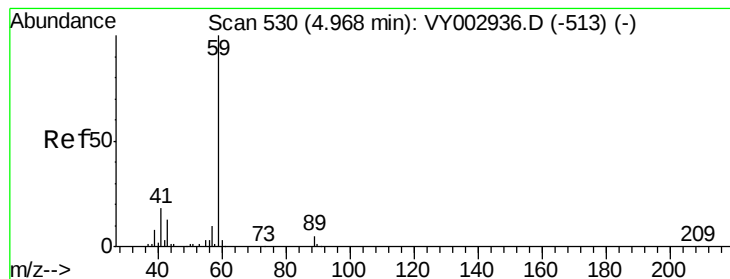
Delta R.T. -0.01 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Tgt Ion:	142	Resp:	253334
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.9	49.3
141	14.1	11.3	16.9





#11

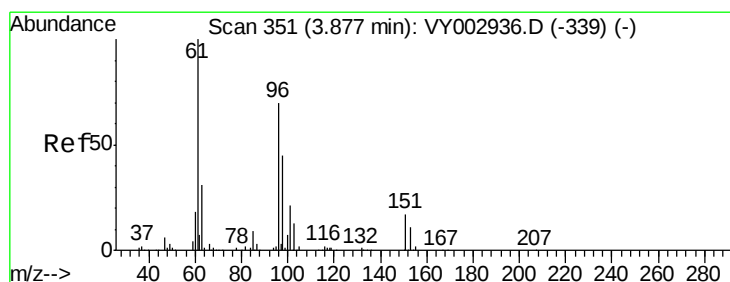
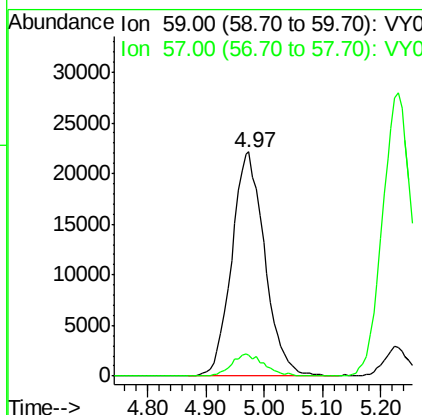
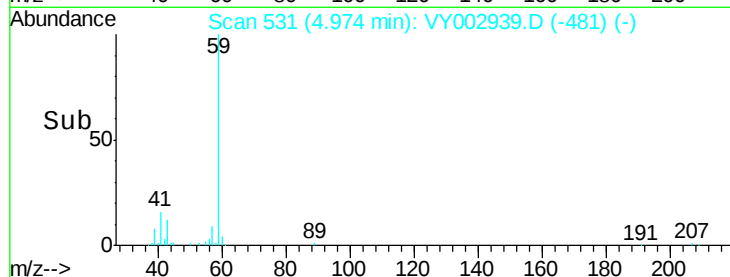
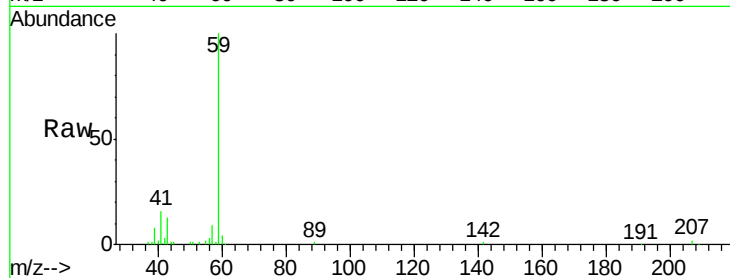
Tert butyl alcohol
Concen: 232.815 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.4	11.2

Manual Integrations
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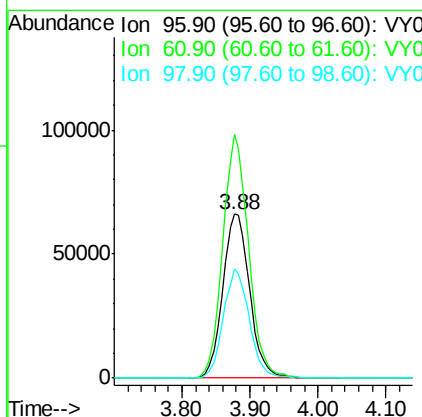
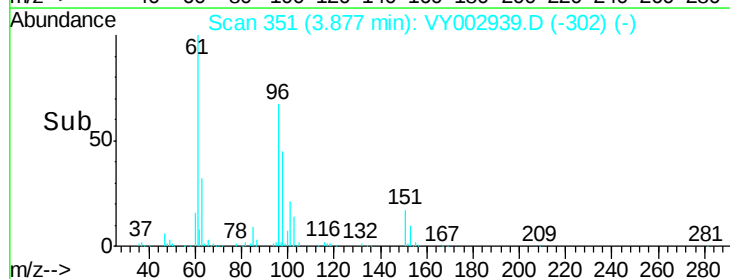
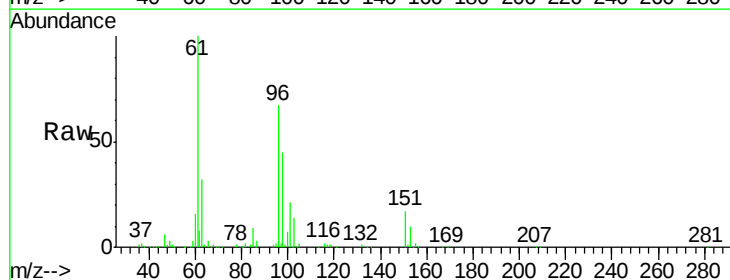
MMDadoda
6/22/2020 2:07:01 PM

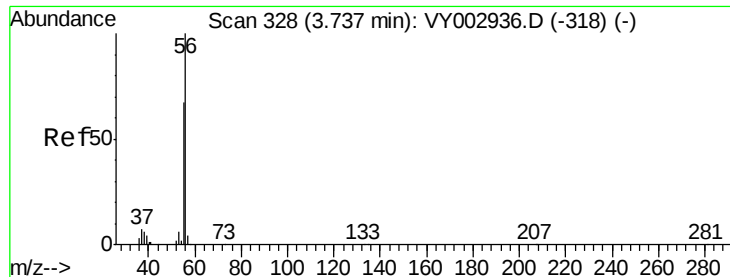


#12

1,1-Dichloroethene
Concen: 52.044 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.6	114.6	172.0
98	66.7	51.4	77.0





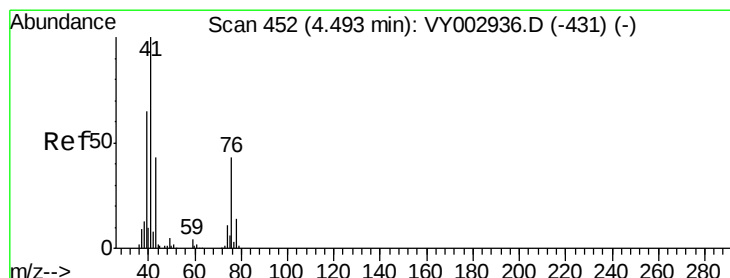
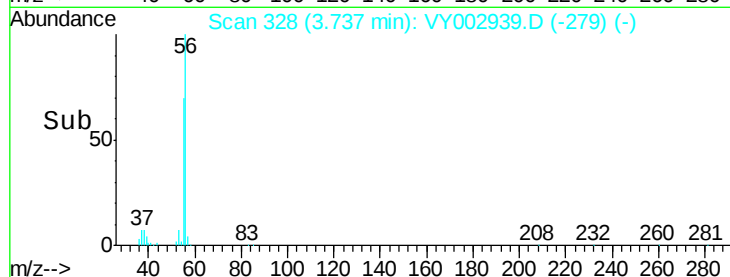
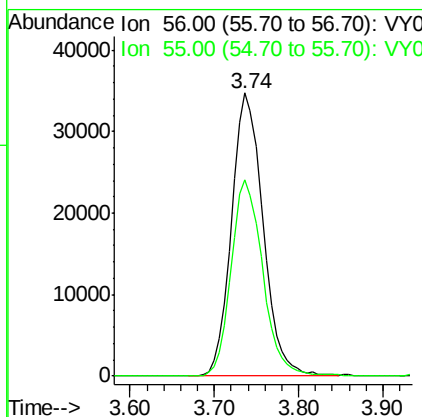
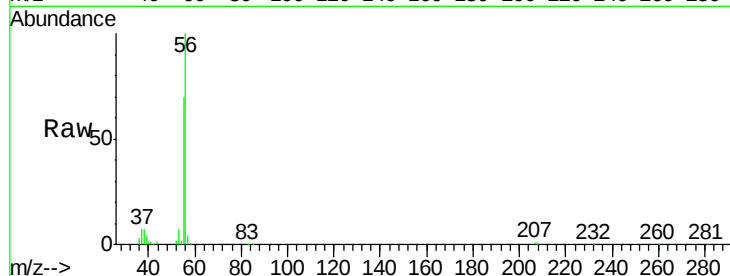
#13
Acrolein
Concen: 255.108 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion	56	Resp	88091
Ion Ratio	100	Lower	Upper
55	69.2	55.3	82.9

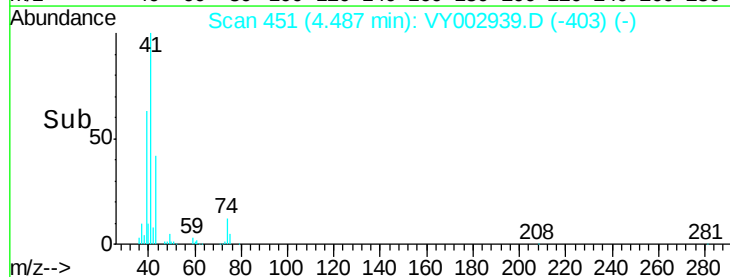
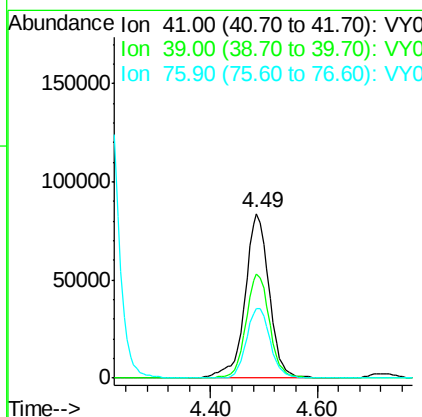
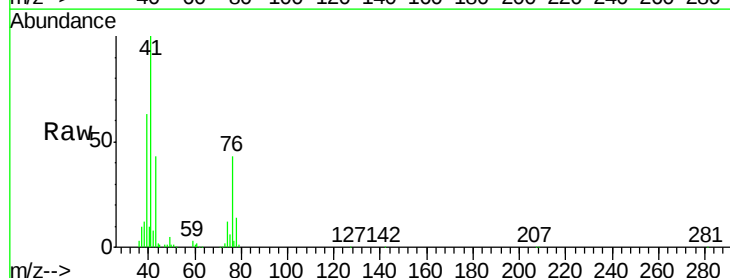
Manual Integrations
APPROVED

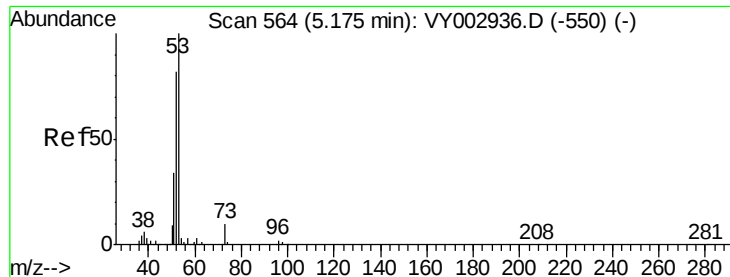
MMDadoda
6/22/2020 2:07:01 PM



#14
Allyl chloride
Concen: 52.176 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	41	Resp	261024
Ion Ratio	100	Lower	Upper
39	61.9	50.0	75.0
76	41.6	33.3	49.9





#15

Acrylonitrile

Concen: 254.120 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

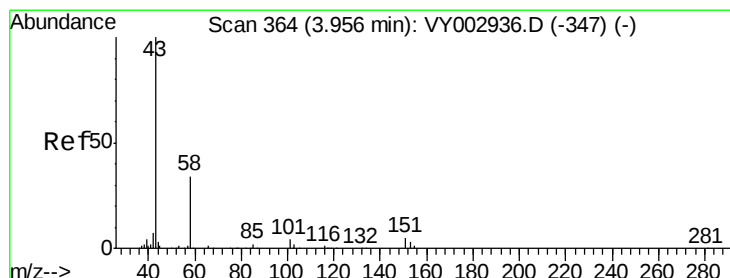
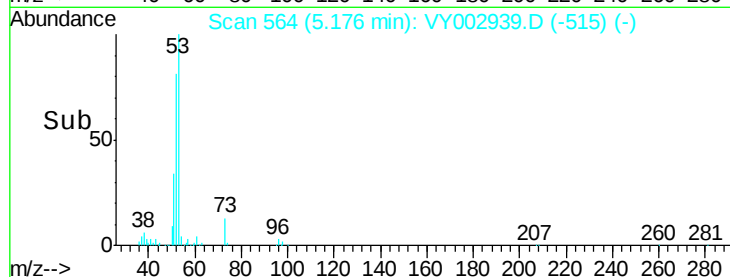
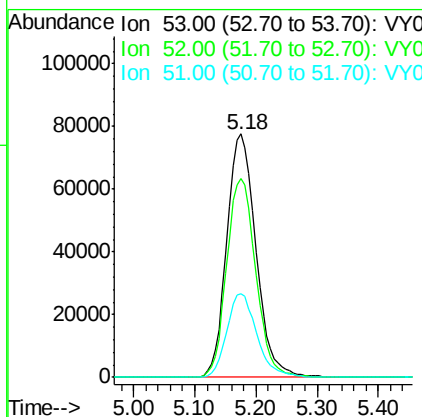
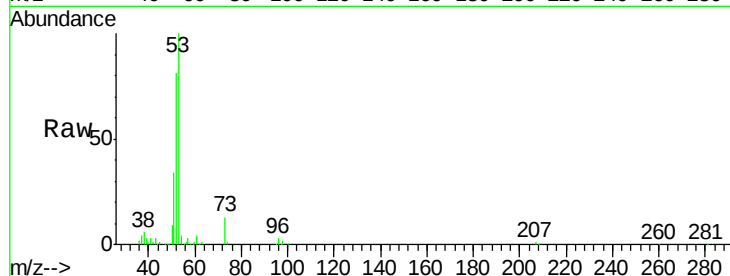
ClientSampleId :

ICVY061920

Tot Ion:	53	Resp:	255395
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.7	98.5
51	35.4	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 269.235 ug/l

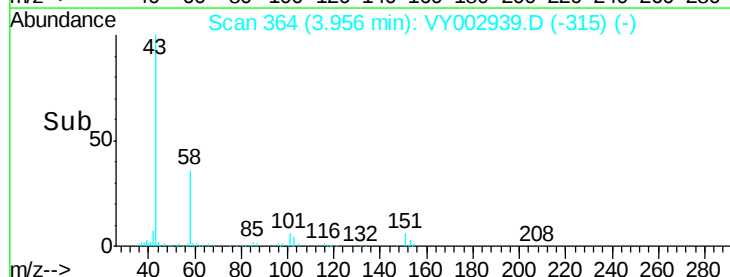
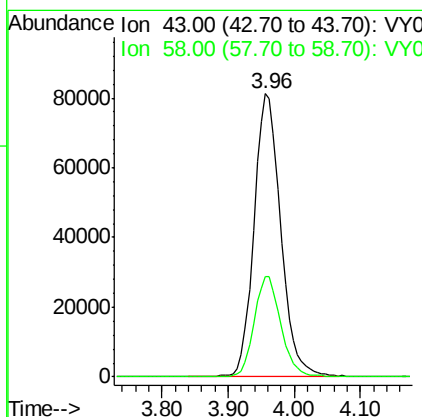
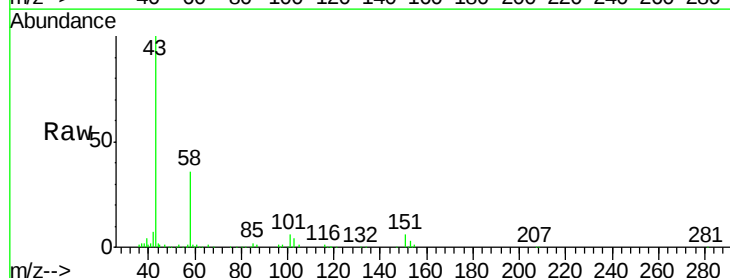
RT: 3.96 min Scan# 364

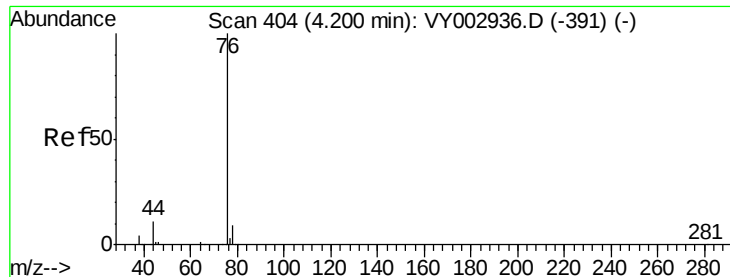
Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Tgt Ion:	43	Resp:	229209
Ion Ratio	Lower	Upper	
43	100		
58	35.6	27.3	40.9





#17

Carbon Disulfide

Concen: 54.500 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVY061920

Tot Ion: 76 Resp: 558872

Ion Ratio Lower Upper

76 100

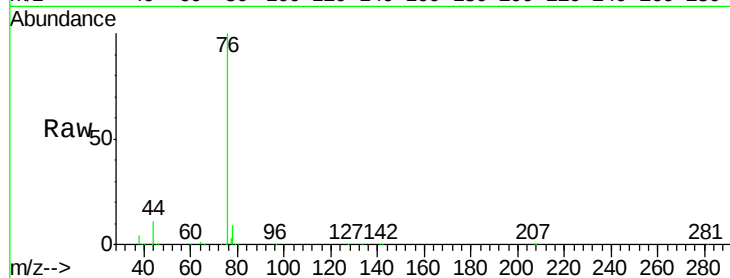
78 9.0 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

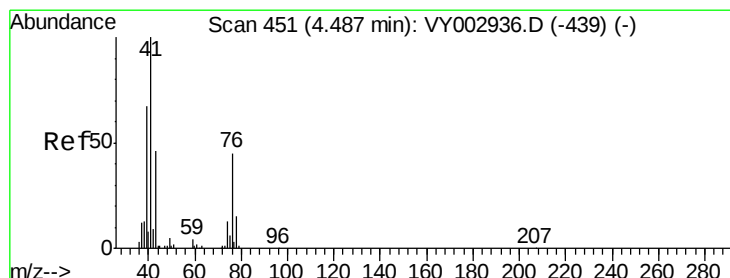
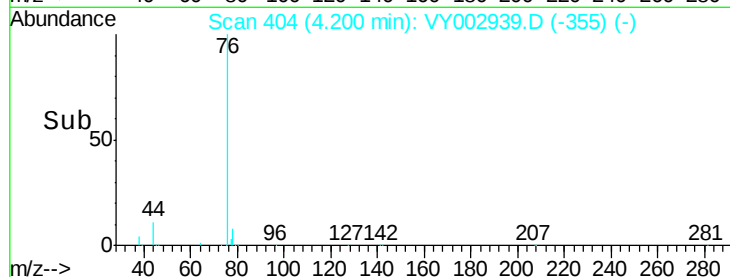
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 50.216 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002939.D

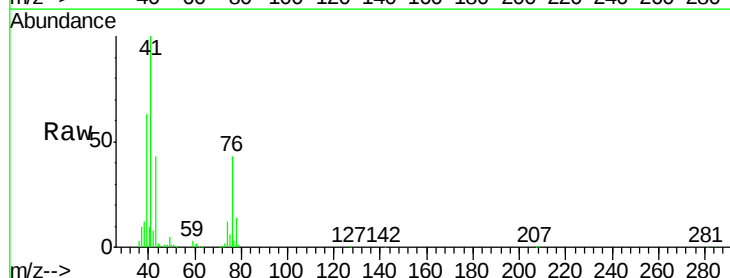
Acq: 19 Jun 2020 15:27

Tgt Ion: 43 Resp: 108230

Ion Ratio Lower Upper

43 100

74 26.9 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

40000

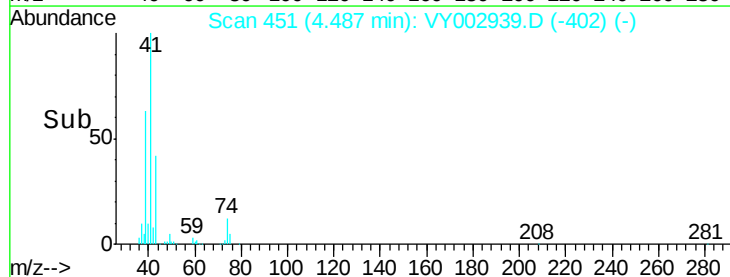
30000

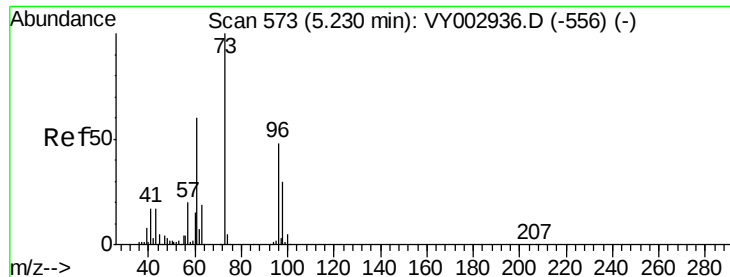
20000

10000

0

Time--> 4.30 4.40 4.50 4.60





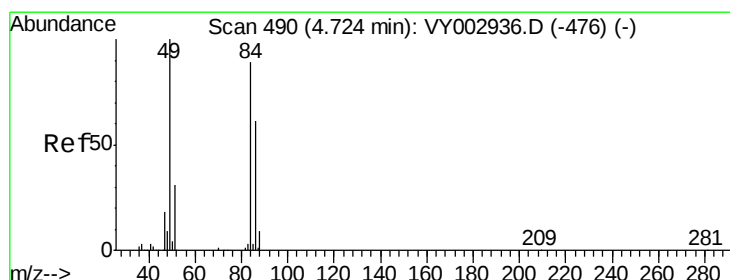
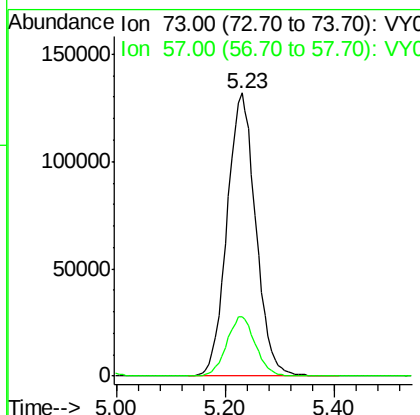
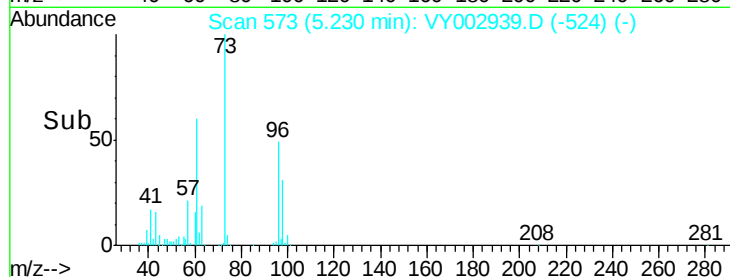
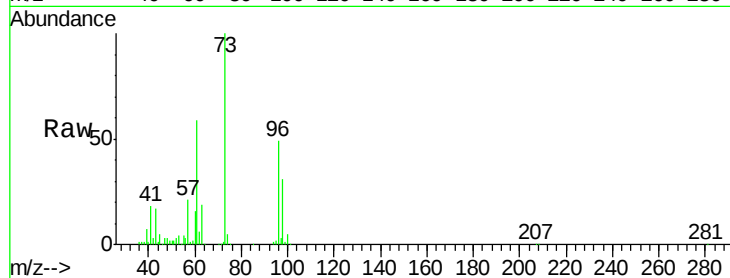
#19
Methyl tert-butyl Ether
Concen: 51.266 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.4	24.6

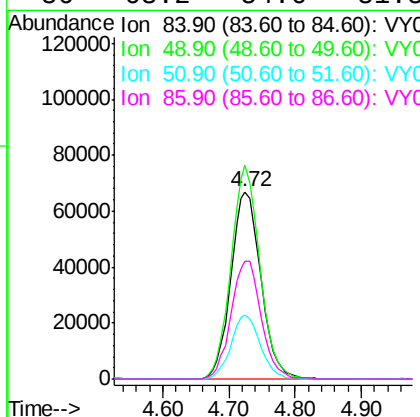
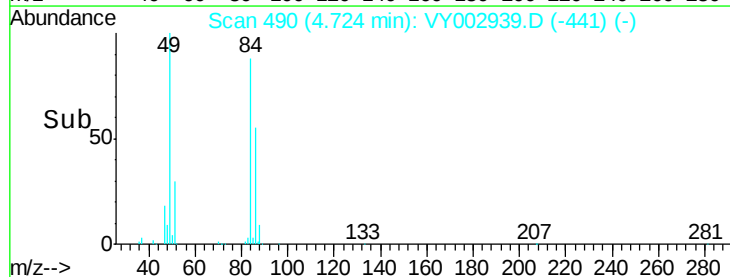
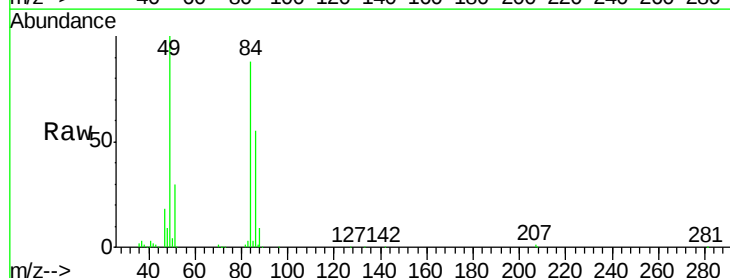
Manual Integrations
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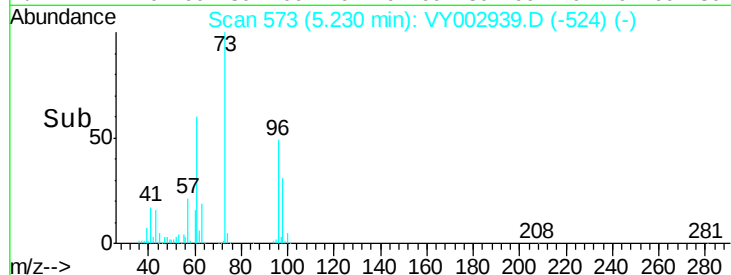
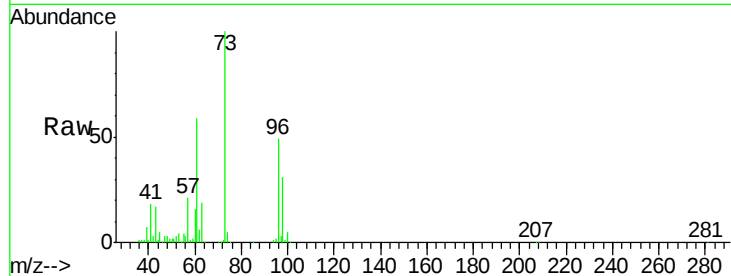
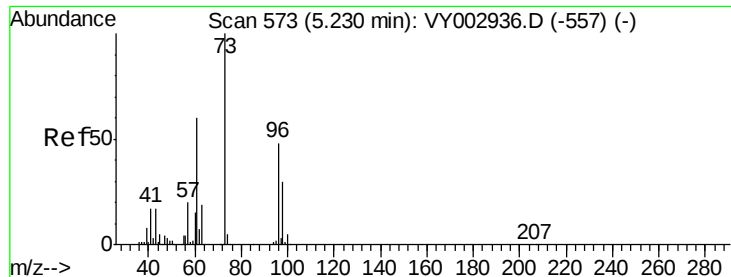
MMDadoda
6/22/2020 2:07:01 PM



#20
Methylene Chloride
Concen: 51.090 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.0	90.0	135.0
51	34.3	27.9	41.9
86	63.2	54.6	81.8





#21

trans-1,2-Dichloroethene

Concen: 52.432 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Tot Ion:	96	Resp:	201918
Ion	Ratio	Lower	Upper
96	100		
61	120.9	100.6	150.8
98	63.3	49.8	74.8

Instrument :

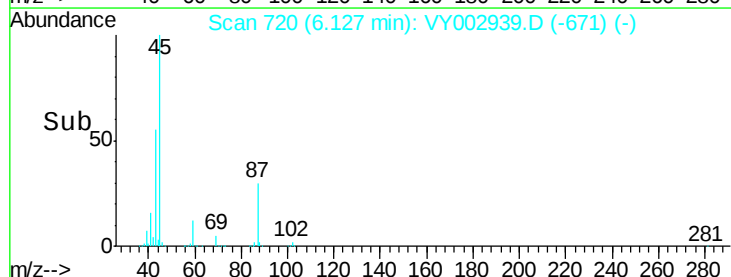
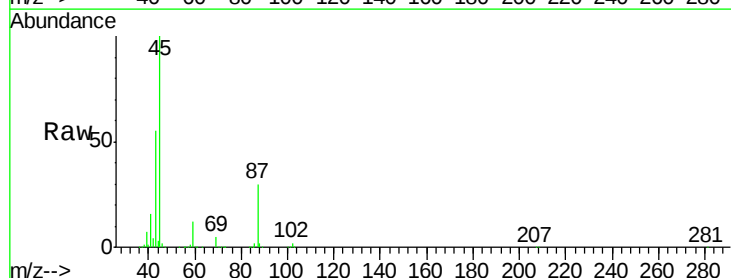
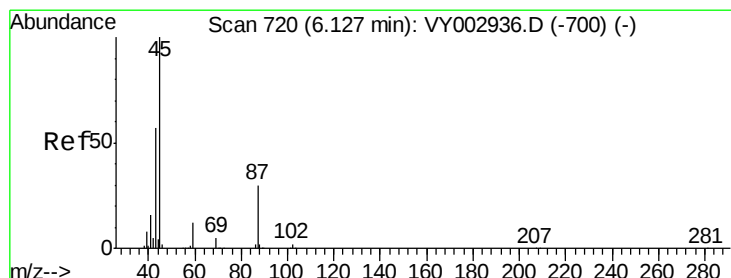
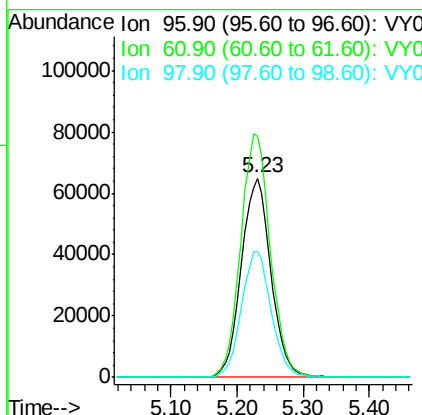
MSVOA_Y

ClientSampleId :

ICVVY061920

Manual Integrations
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6/22/2020 2:07:01 PM



#22

Diisopropyl ether

Concen: 50.963 ug/l

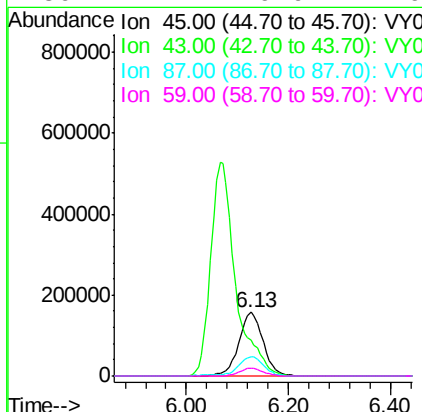
RT: 6.13 min Scan# 720

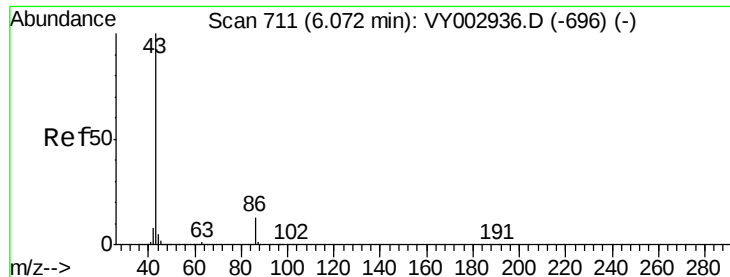
Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Tgt Ion:	45	Resp:	520516
Ion	Ratio	Lower	Upper
45	100		
43	55.1	46.2	69.2
87	30.2	24.9	37.3
59	12.4	9.9	14.9





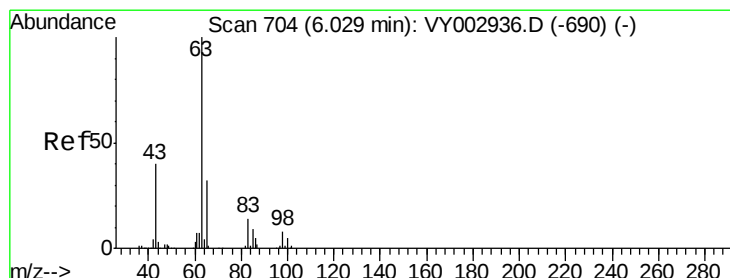
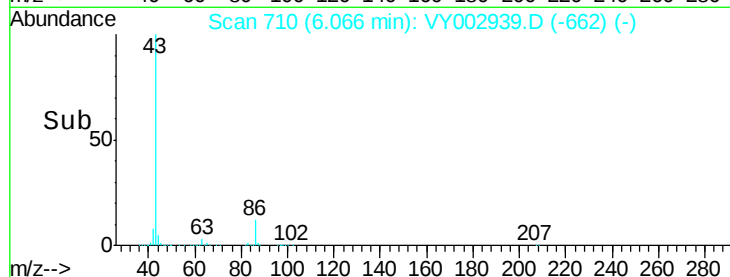
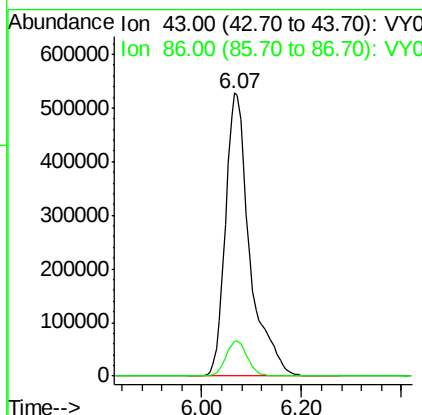
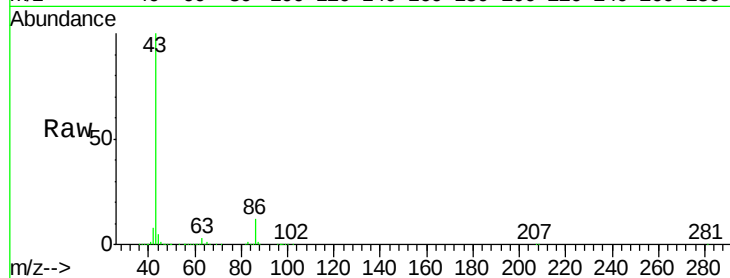
#23
 Vinyl Acetate
 Concen: 270.094 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tot Ion: 43 Resp: 1784457
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.6 15.8

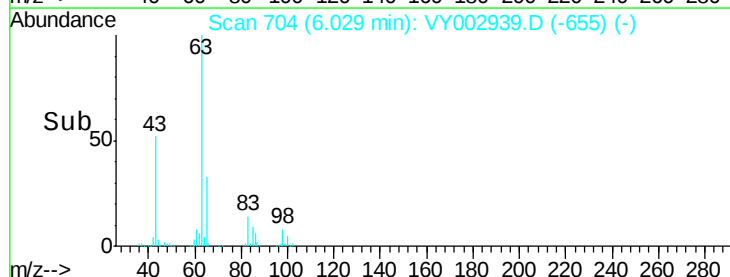
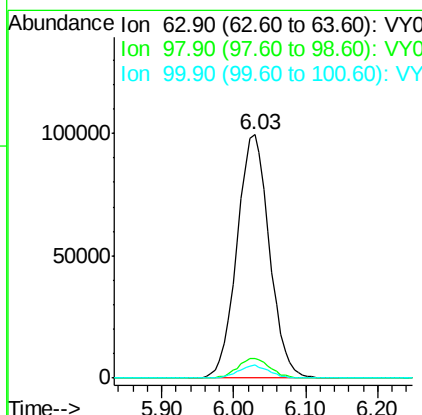
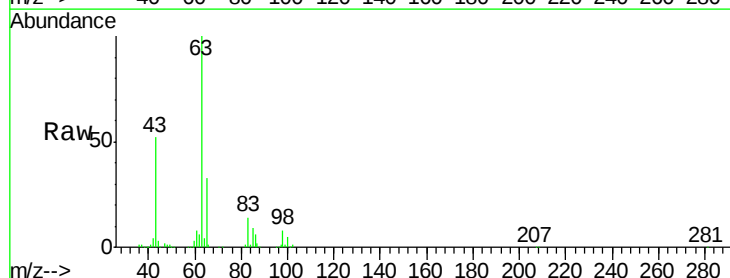
Manual Integrations
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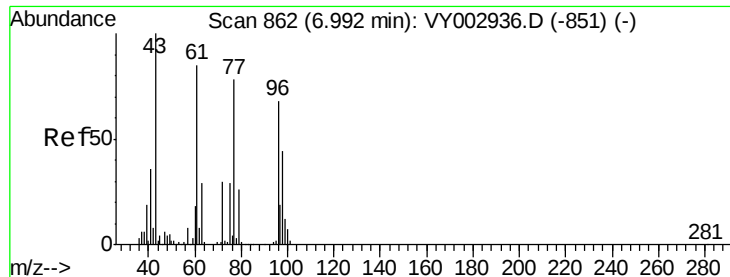
MMDadoda
 6/22/2020 2:07:01 PM



#24
 1,1-Dichloroethane
 Concen: 51.467 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion: 63 Resp: 311415
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.0
 100 5.2 2.5 7.6





#25

2-Butanone

Concen: 256.195 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY061920

Tot Ion: 43 Resp: 326829

Ion Ratio Lower Upper

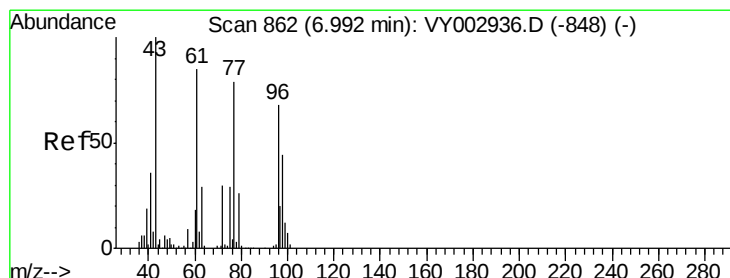
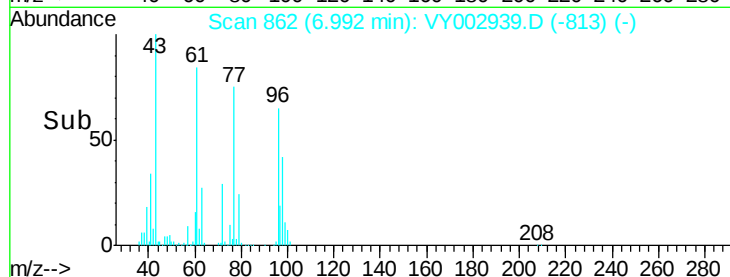
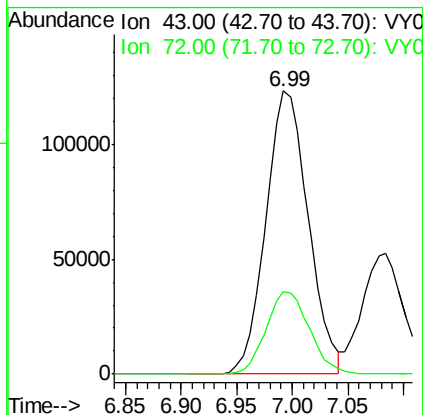
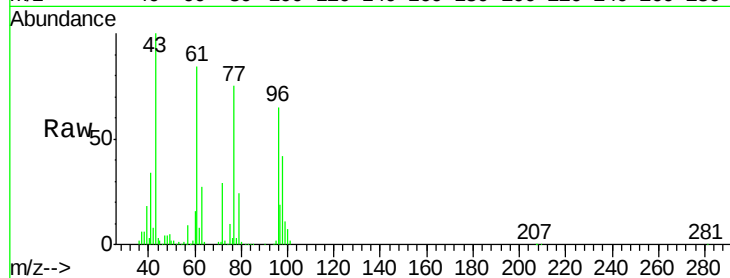
43 100

72 29.0 24.2 36.4

Manual Integrations
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6/22/2020 2:07:01 PM



#26

2,2-Dichloropropane

Concen: 50.101 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002939.D

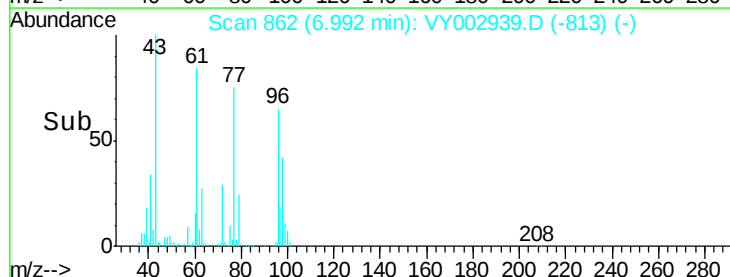
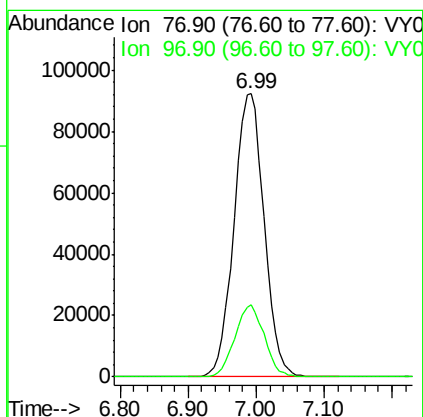
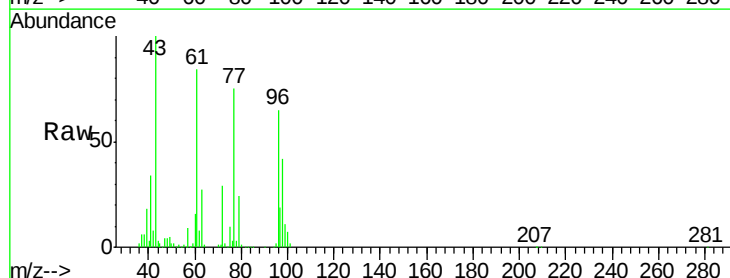
Acq: 19 Jun 2020 15:27

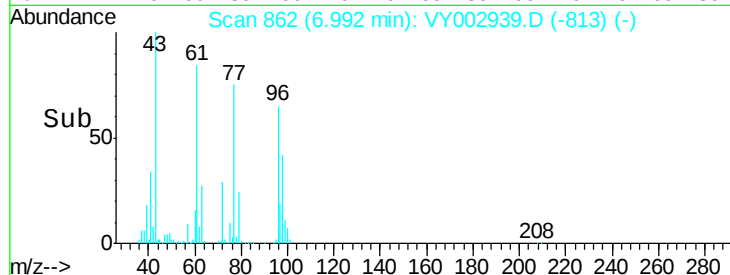
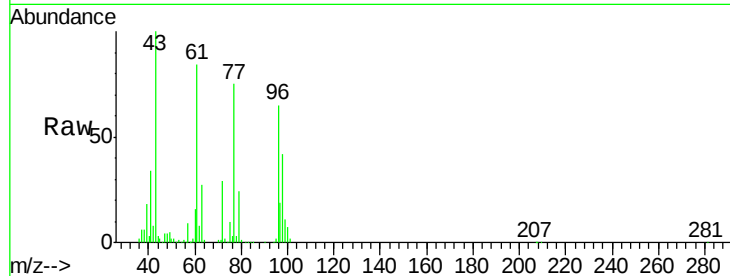
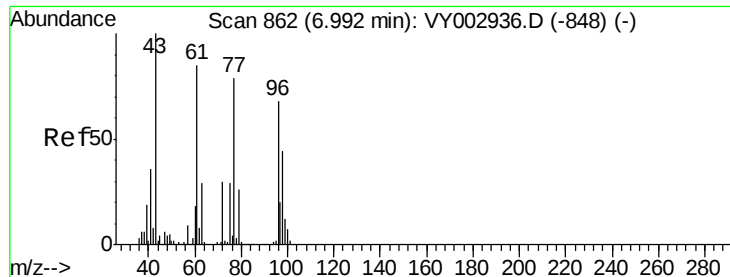
Tgt Ion: 77 Resp: 283136

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.9





#27

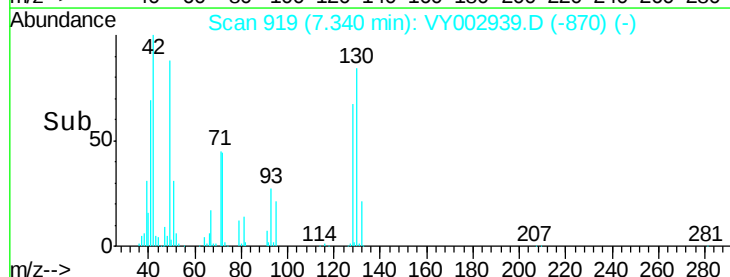
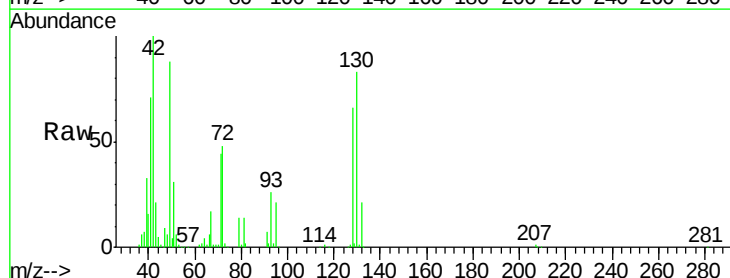
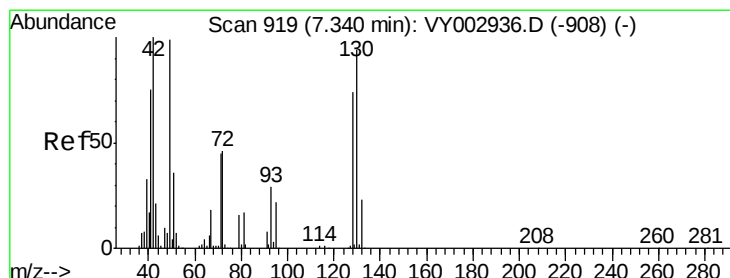
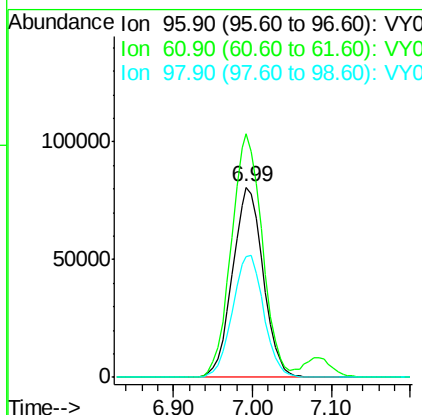
cis-1,2-Dichloroethene
Concen: 50.694 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tot Ion	Ratio	Resp	Lower	Upper
96	100	218193		
61	129.0	0.0	257.0	
98	65.2	0.0	129.8	

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Manual Integrations
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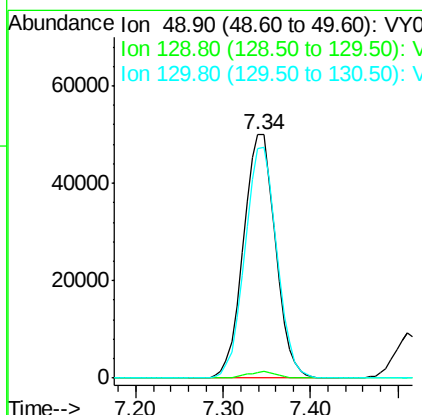
MMDadoda
6/22/2020 2:07:01 PM

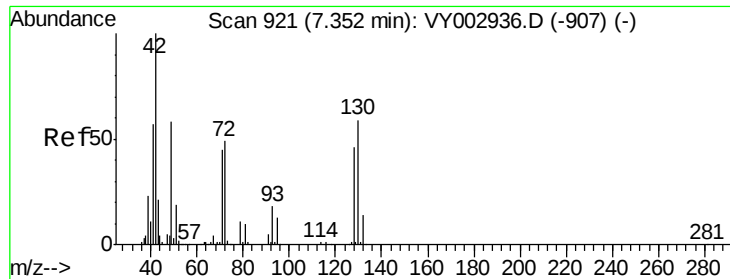


#28

Bromochloromethane
Concen: 50.487 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	127725		
129	2.6	0.0	5.0	
130	94.3	78.4	117.6	





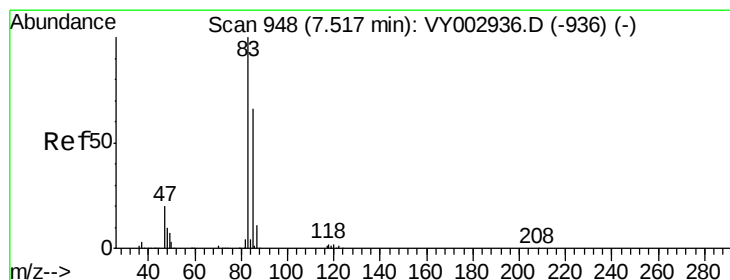
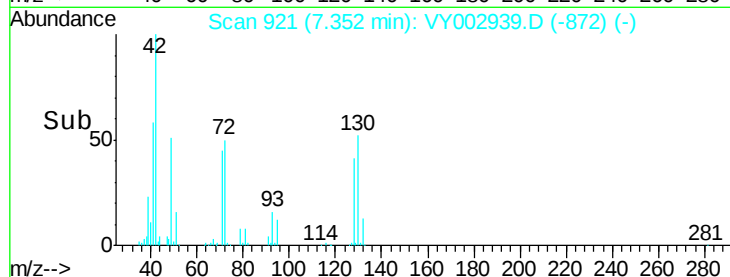
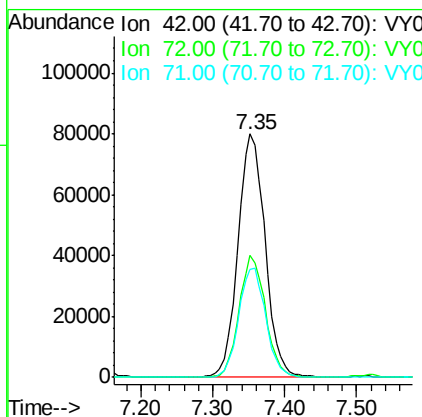
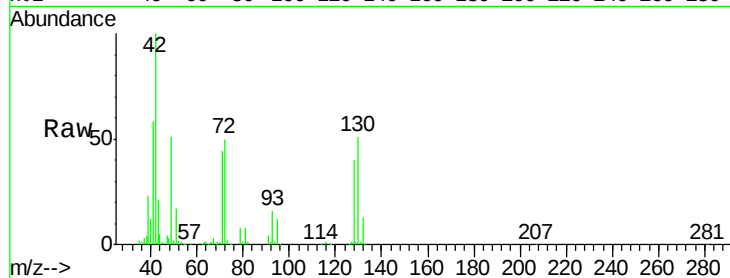
#29
Tetrahydrofuran
Concen: 254.410 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	39.1	58.7
71	44.8	36.4	54.6

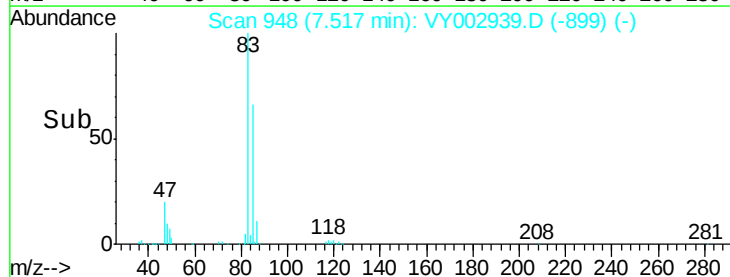
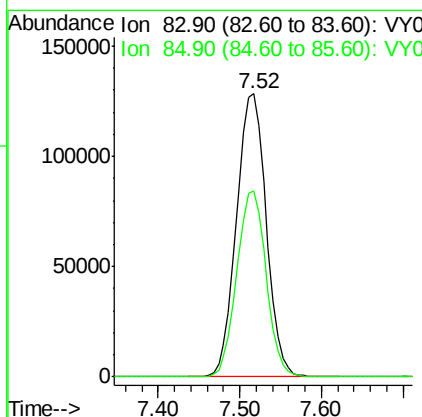
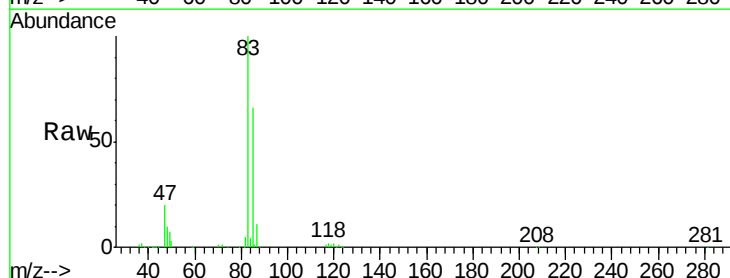
Manual Integrations
APPROVED

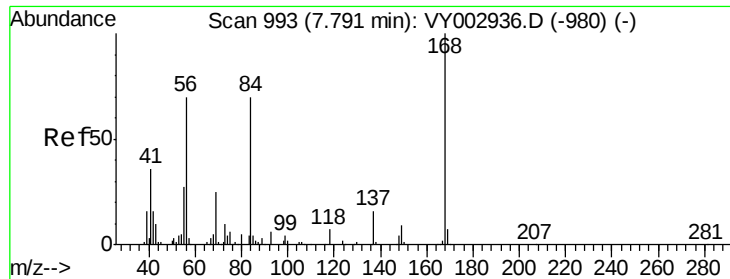
MMDadoda
6/22/2020 2:07:01 PM



#30
Chloroform
Concen: 51.074 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	53.1	79.7





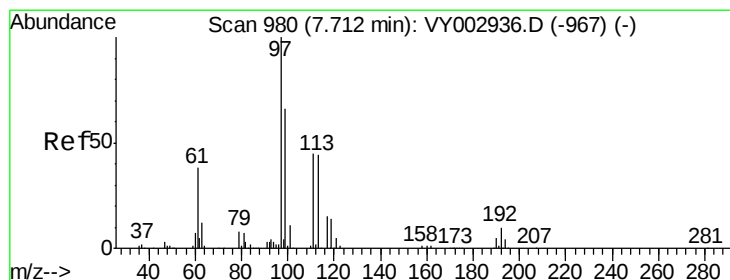
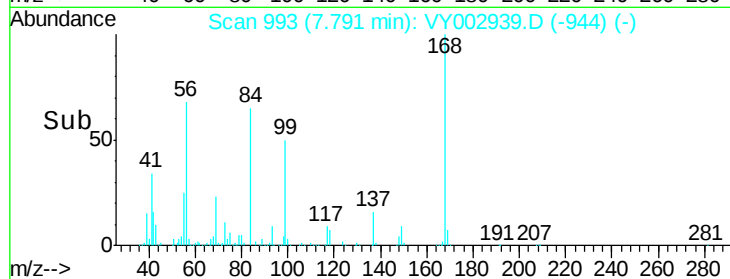
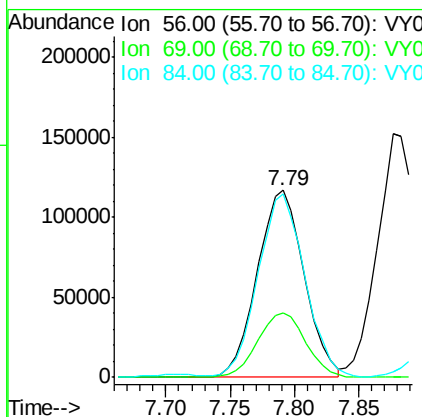
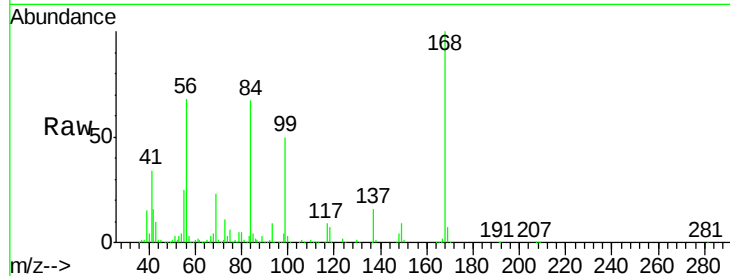
#31
Cyclohexane
Concen: 49.989 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.6	28.9	43.3
84	96.8	80.1	120.1

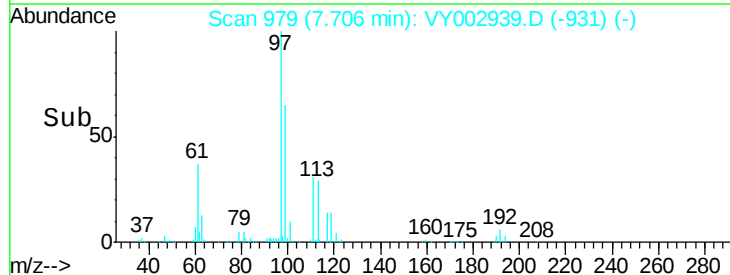
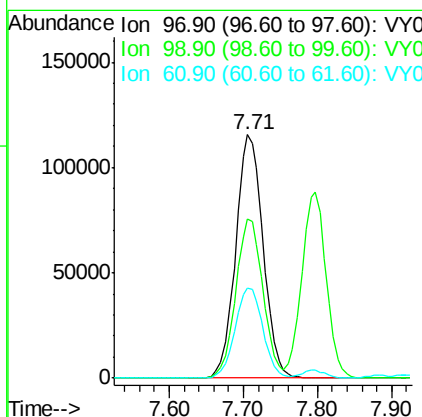
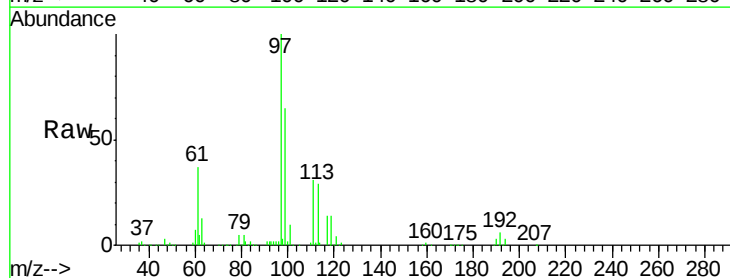
Manual Integrations
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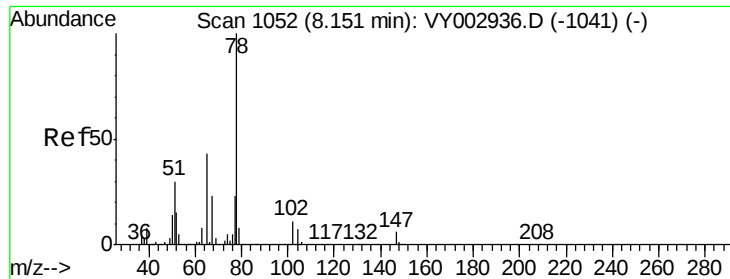
MMDadoda
6/22/2020 2:07:01 PM



#32
1,1,1-Trichloroethane
Concen: 50.947 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.2	78.2
61	37.5	30.3	45.5





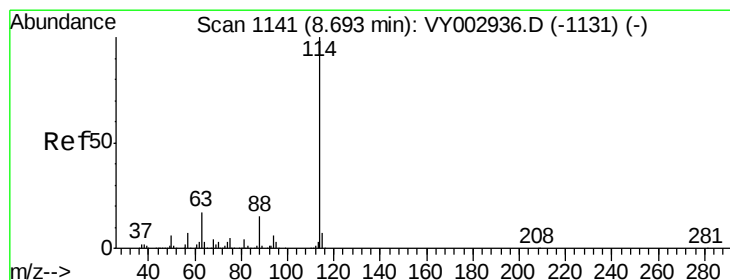
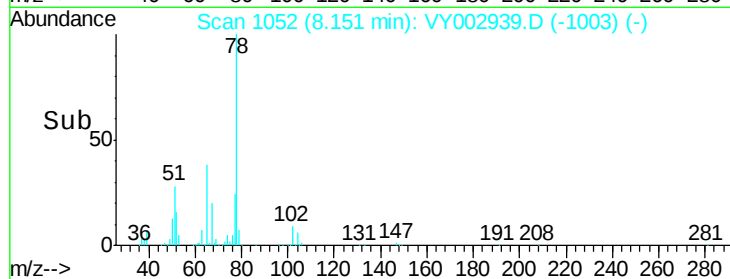
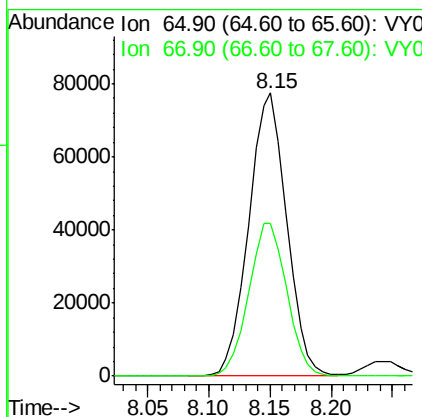
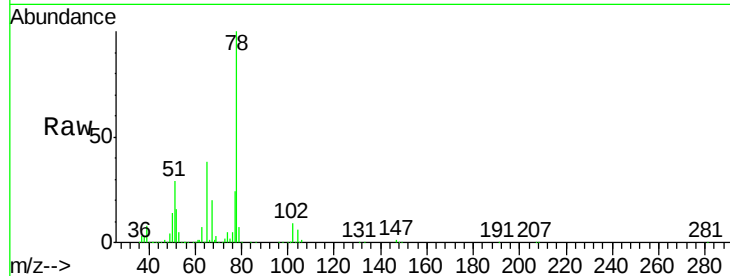
#33
 1,2-Dichloroethane-d4
 Concen: 48.670 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tot Ion	Ratio	Resp	Lower	Upper
65	100	167291		
67	54.5	0.0	109.4	

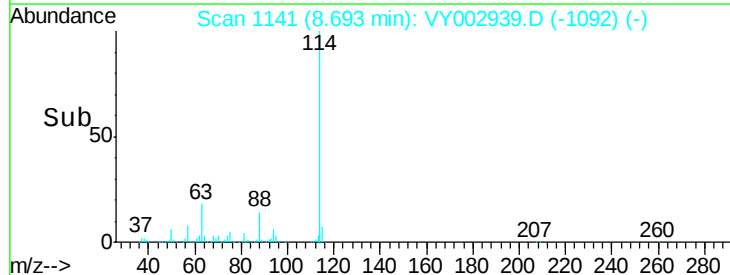
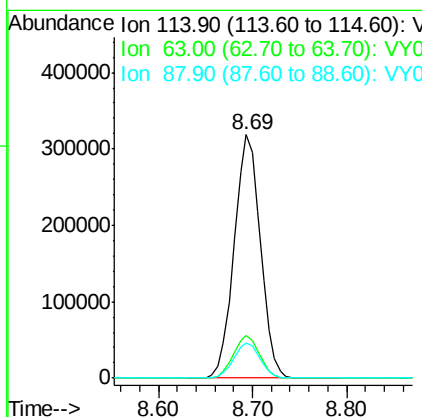
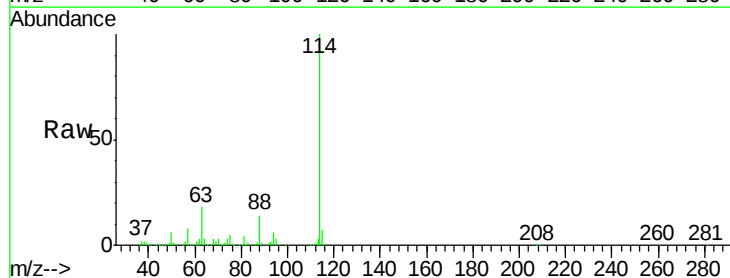
Manual Integrations
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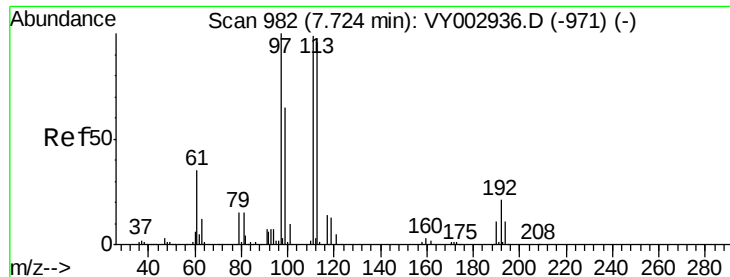
MMDadoda
 6/22/2020 2:07:01 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	614881		
63	17.6	0.0	34.6	
88	14.4	0.0	29.2	





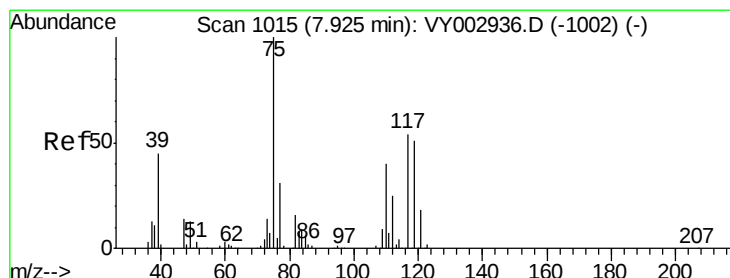
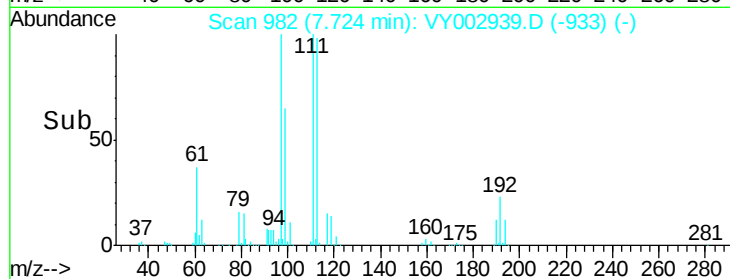
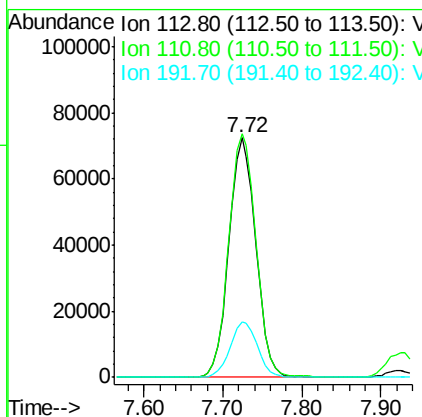
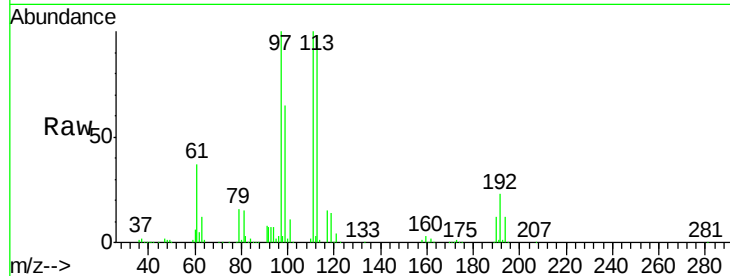
#35
 Dibromofluoromethane
 Concen: 49.453 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.3	19.2	28.8

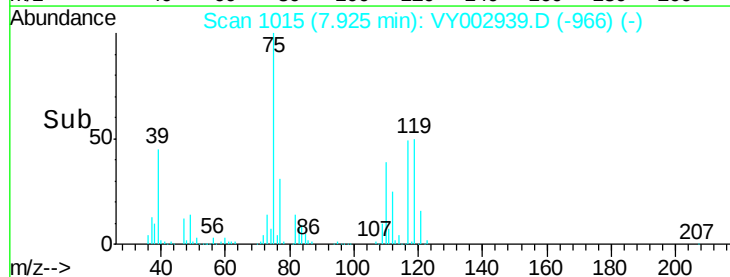
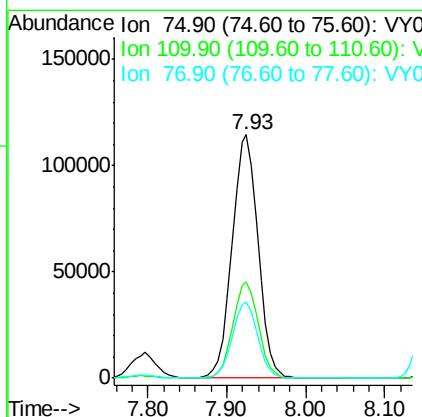
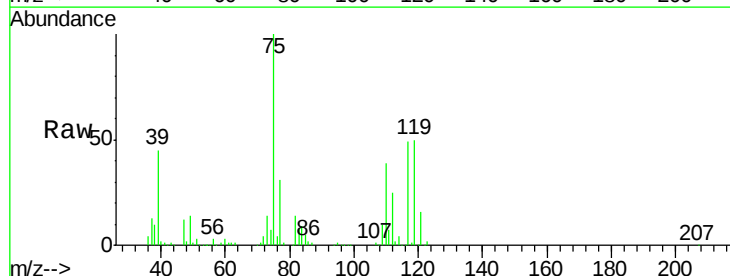
Manual Integrations
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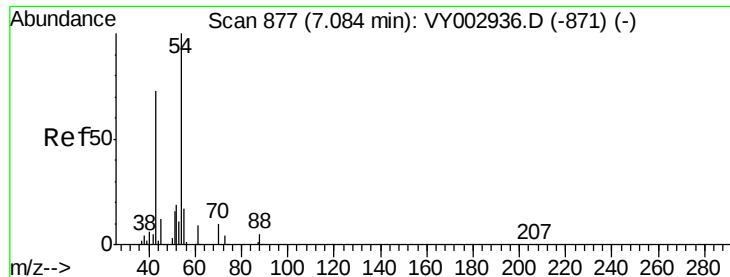
MMDadoda
 6/22/2020 2:07:01 PM



#36
 1,1-Dichloropropene
 Concen: 52.390 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.7	59.0
77	30.9	25.0	37.4





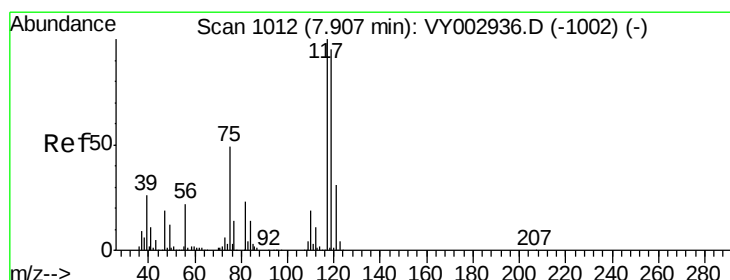
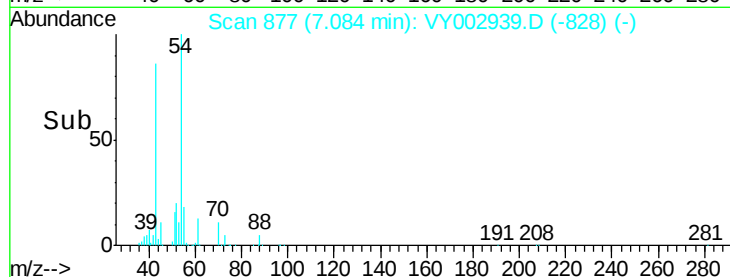
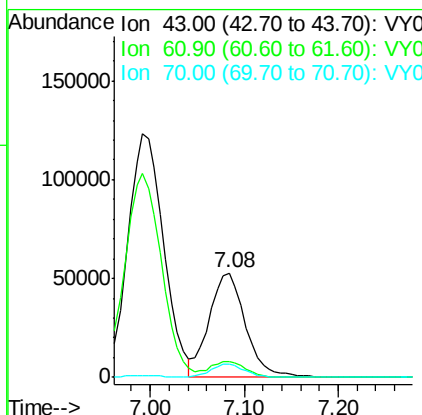
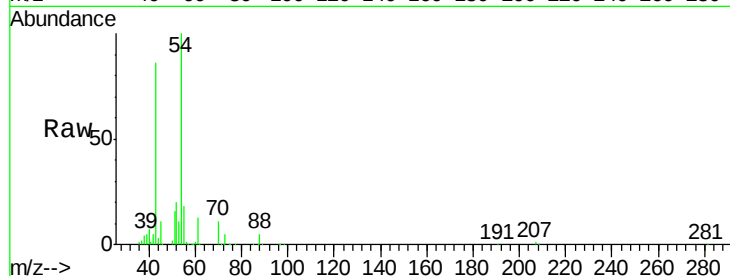
#37
Ethyl Acetate
Concen: 50.854 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.3	18.5
70	11.8	9.7	14.5

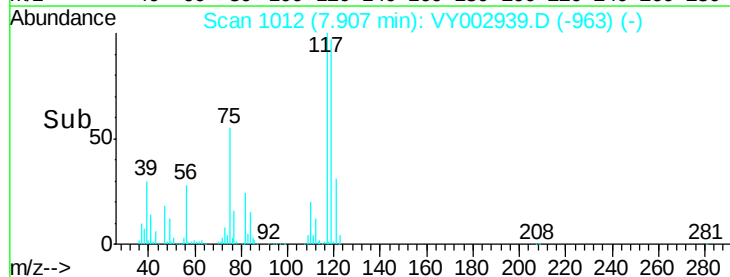
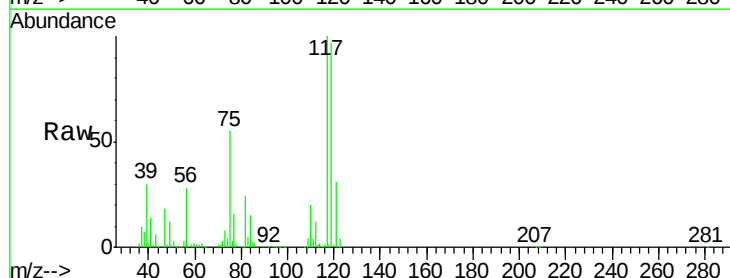
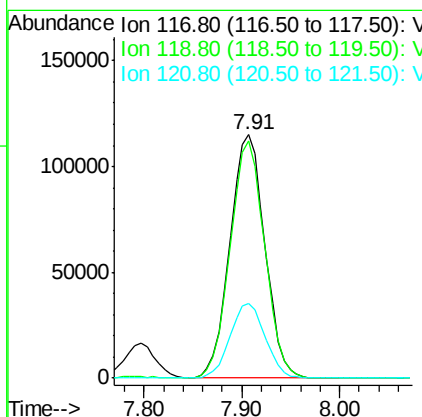
Manual Integrations
APPROVED

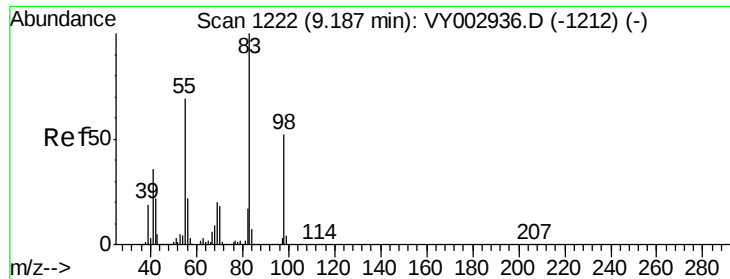
MMDadoda
6/22/2020 2:07:01 PM



#38
Carbon Tetrachloride
Concen: 51.698 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.1	114.1
121	30.8	24.8	37.2





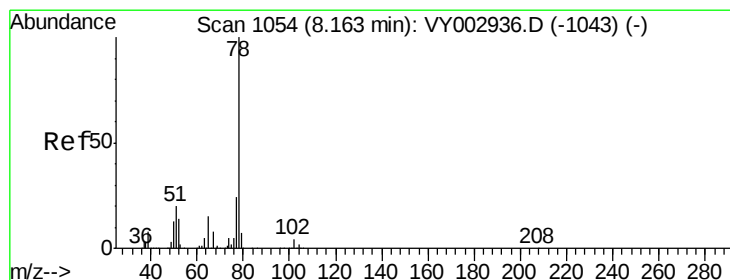
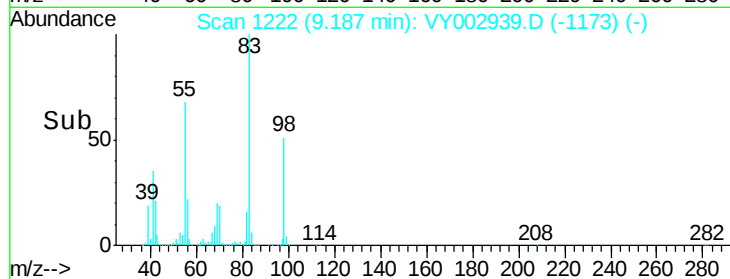
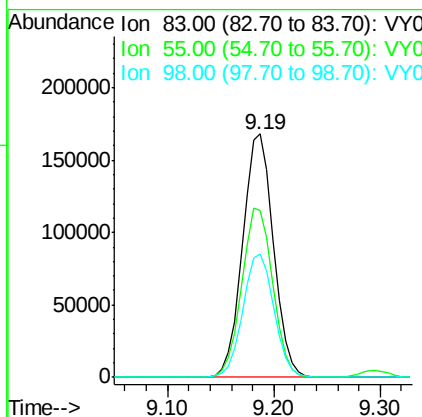
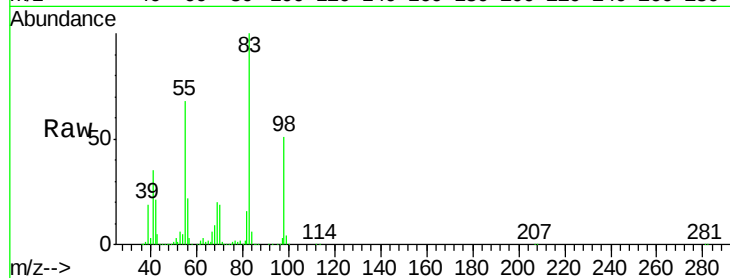
#39
Methvlcvclohexane
Concen: 52.065 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	68.4	55.0	82.4	
98	50.5	41.4	62.2	

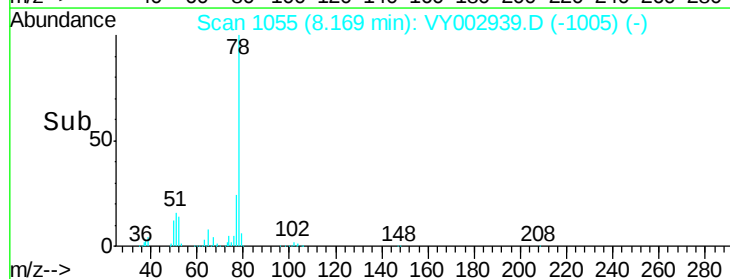
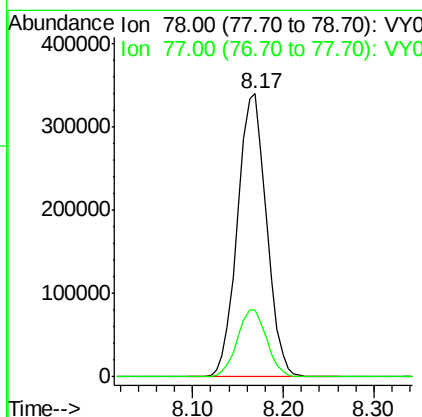
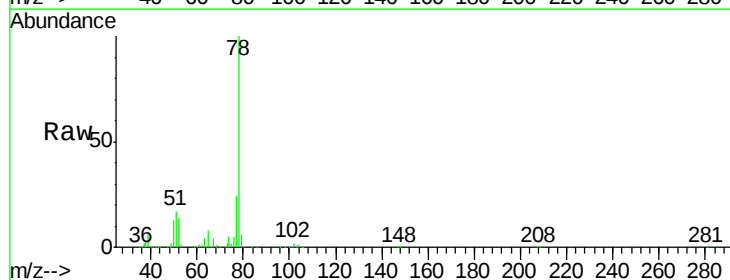
Manual Integrations
APPROVED

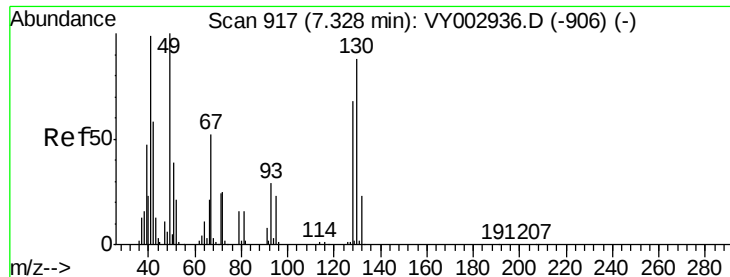
MMDadoda
6/22/2020 2:07:01 PM



#40
Benzene
Concen: 50.747 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	19.3	28.9	





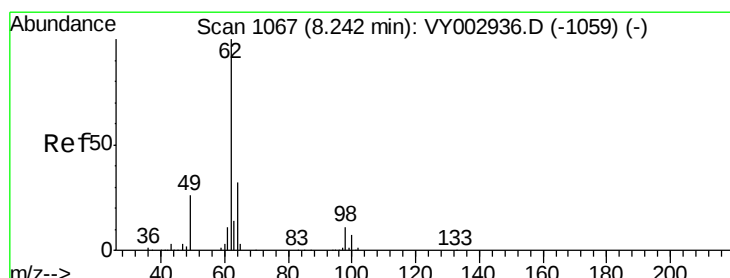
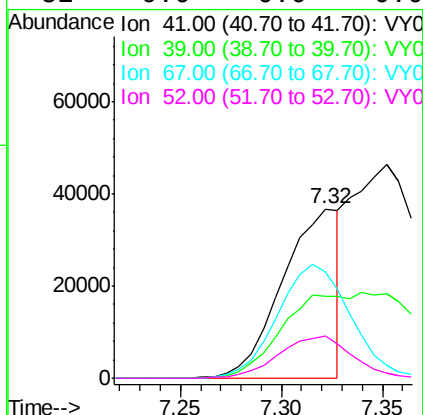
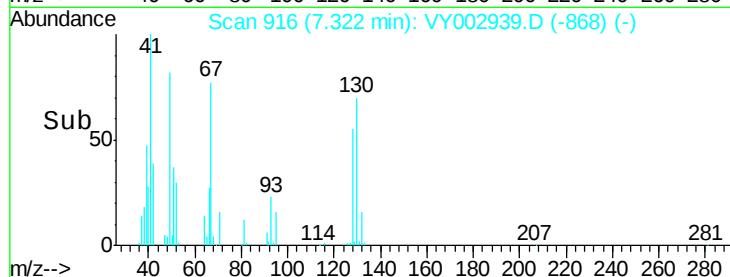
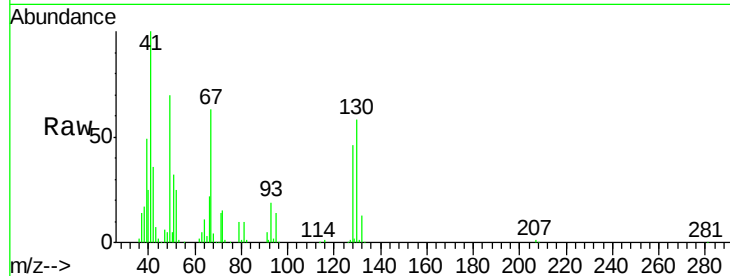
#41
Methacrylonitrile
Concen: 52.438 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

Tot Ion	41	Resp	72796
Ion	Ratio	Lower	Upper
41	100		
39	0.0	96.6	144.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

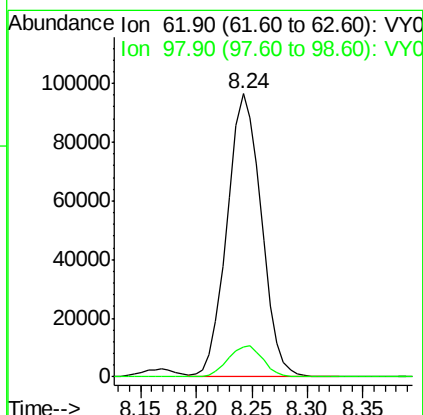
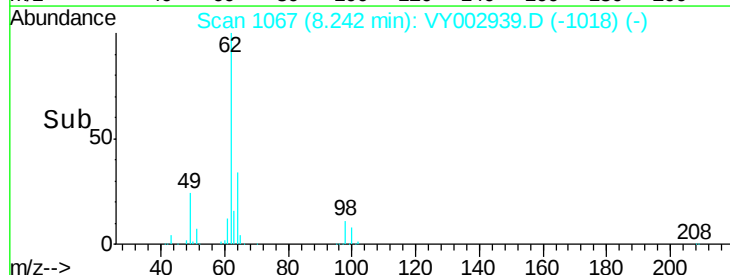
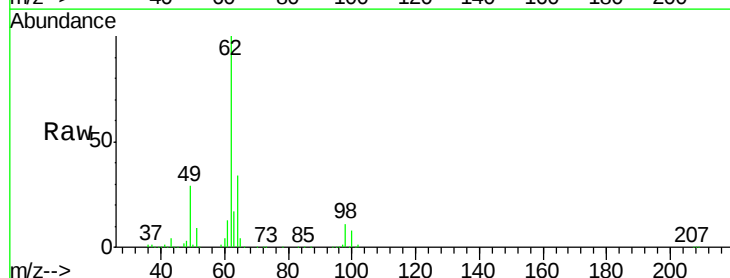
Manual Integrations
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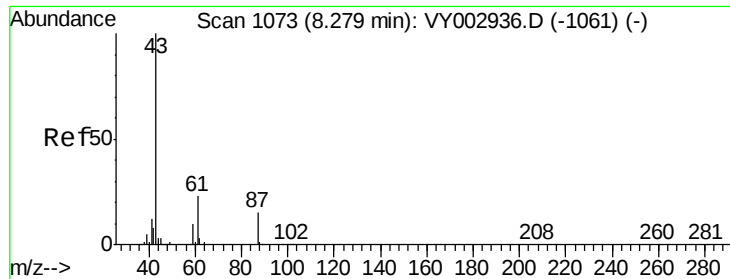
MMDadoda
6/22/2020 2:07:01 PM



#42
1,2-Dichloroethane
Concen: 49.967 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	62	Resp	206181
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6





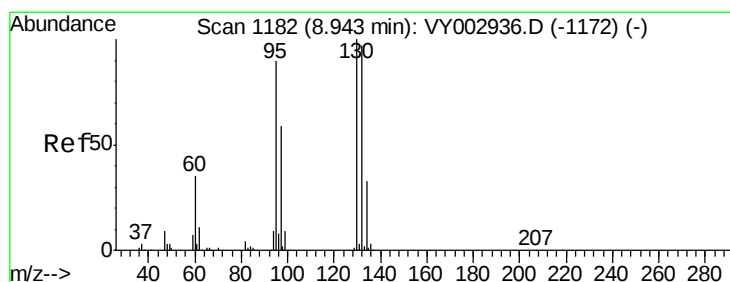
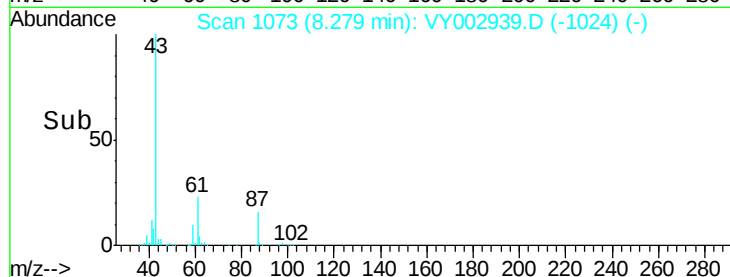
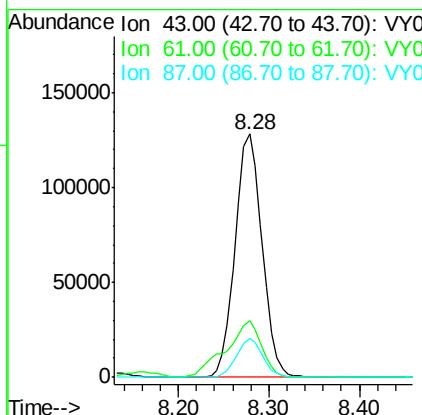
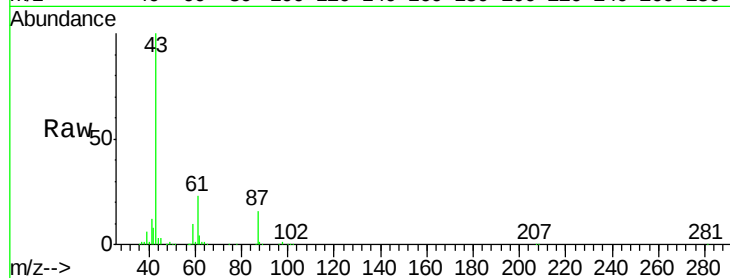
#43
Isopropyl Acetate
Concen: 51.245 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.1	25.0	37.4
87	15.4	12.6	18.8

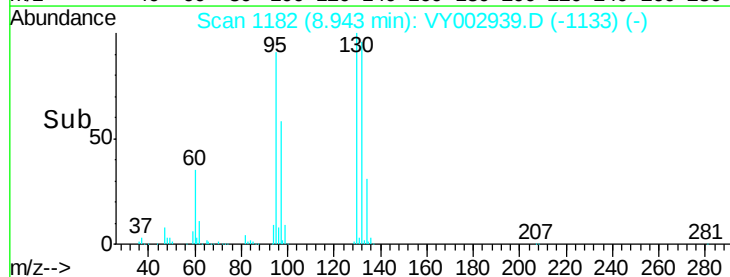
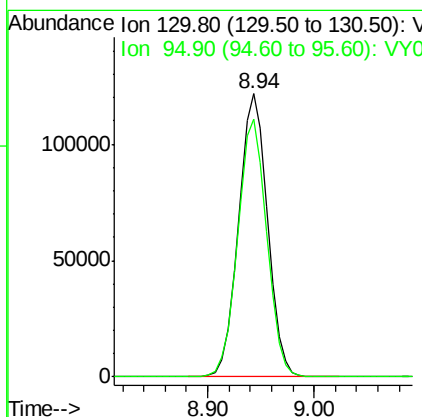
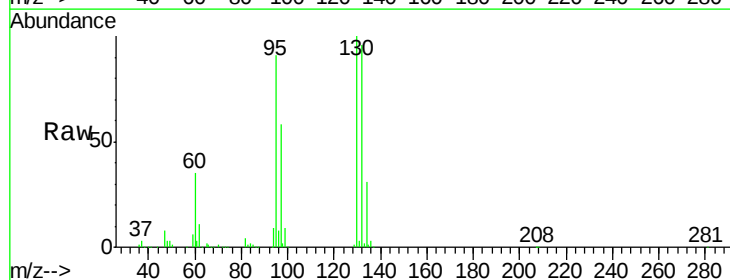
Manual Integrations
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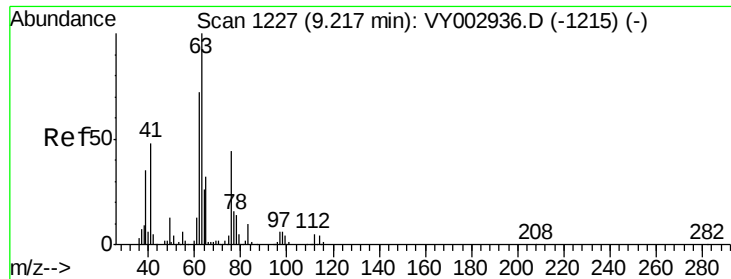
MMDadoda
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#44
Trichloroethene
Concen: 50.523 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	179.6





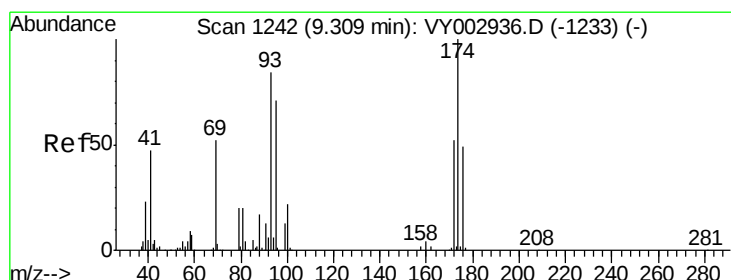
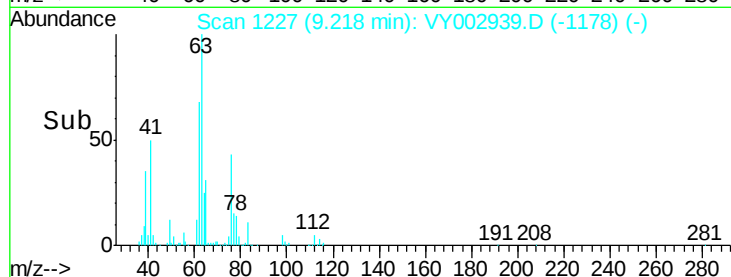
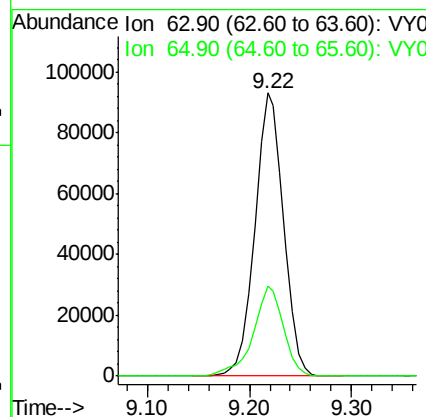
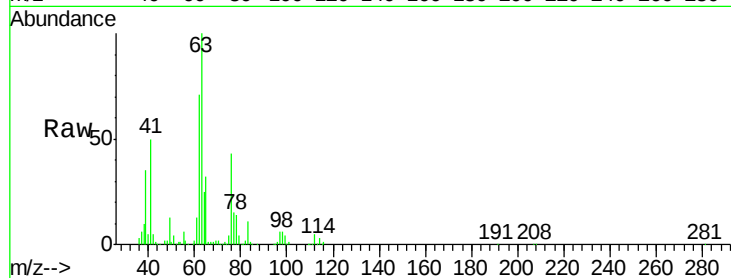
#45
 1,2-Dichloropropane
 Concen: 50.820 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampled :
 ICVVY061920

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.5	38.3

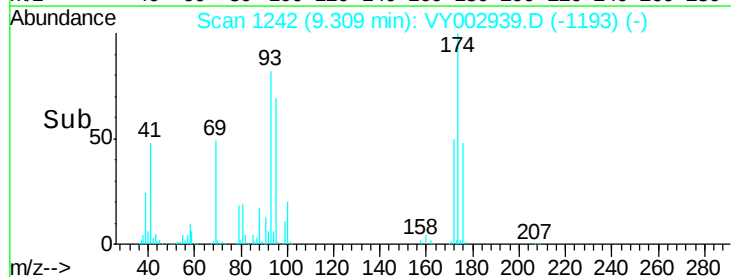
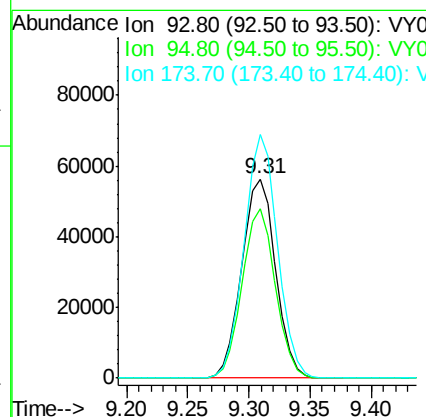
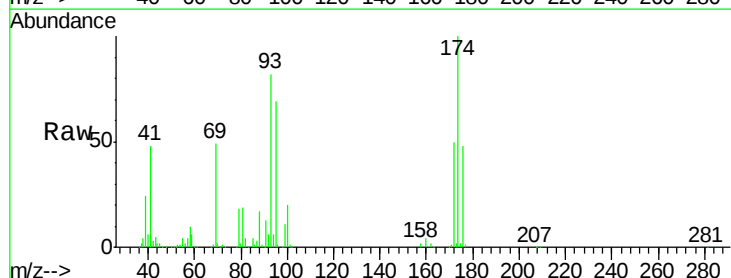
Manual Integrations
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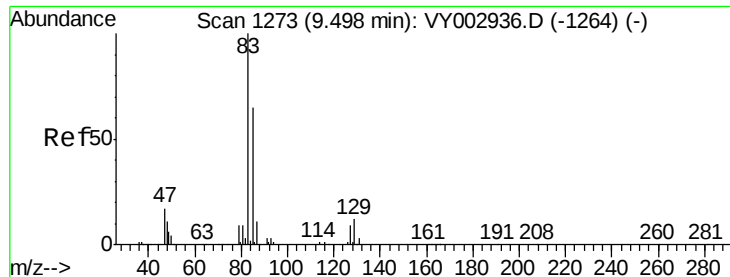
MMDadoda
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#46
 Dibromomethane
 Concen: 50.865 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.4	99.6
174	120.0	95.1	142.7





#47

Bromodichloromethane

Concen: 51.210 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

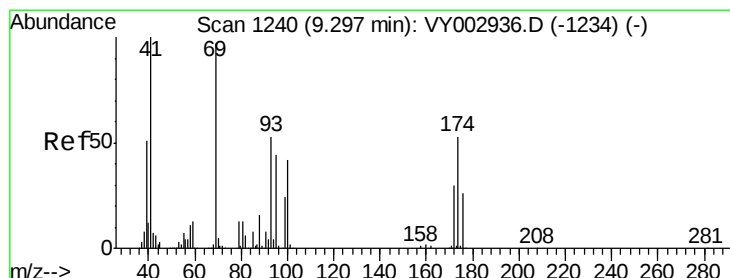
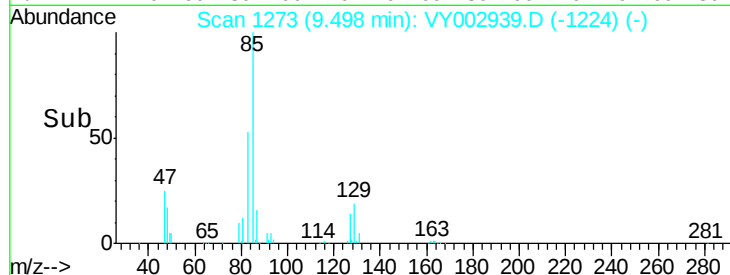
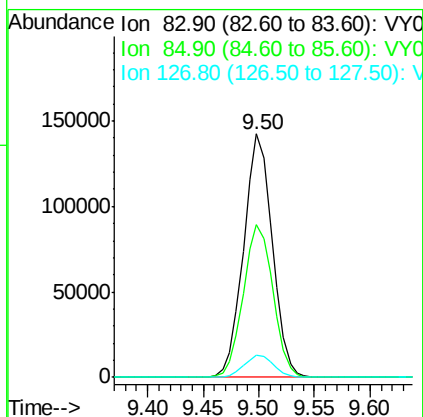
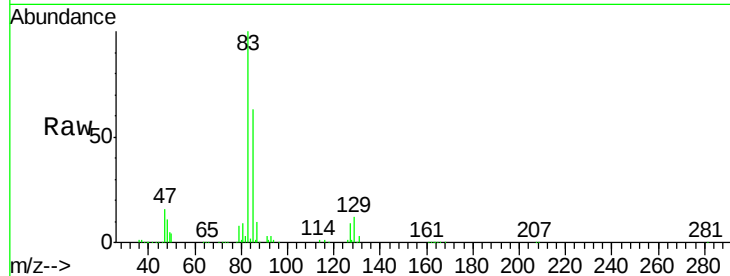
ClientSampleId :

ICVY061920

Tot Ion:	83	Resp:	255229
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.9	77.9
127	9.0	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.897 ug/l

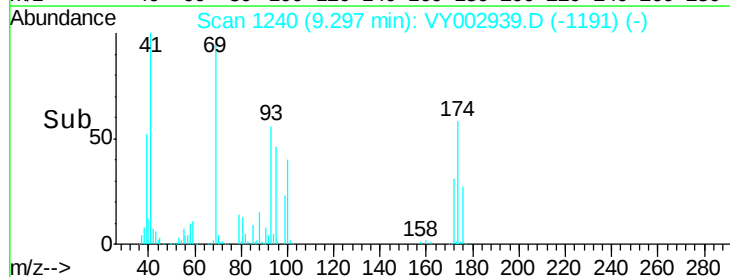
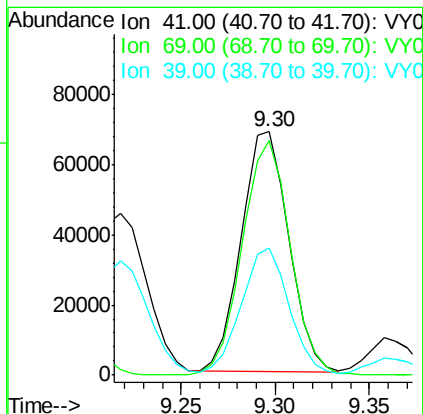
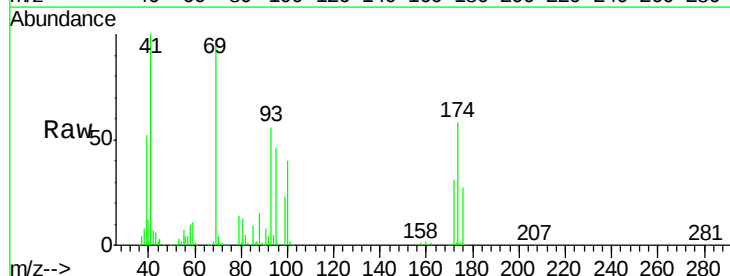
RT: 9.30 min Scan# 1240

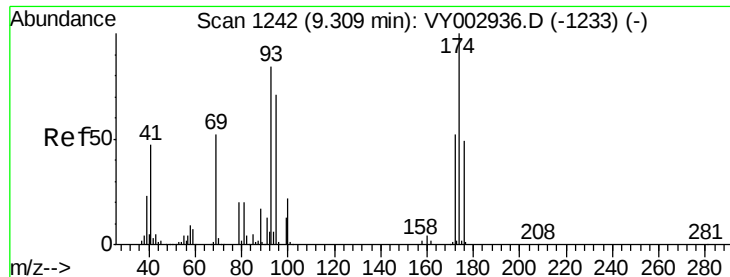
Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Tgt Ion:	41	Resp:	120239
Ion	Ratio	Lower	Upper
41	100		
69	98.6	79.4	119.0
39	53.3	41.1	61.7





#49

1,4-Dioxane

Concen: 1007.880 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY061920

Tot Ion: 88 Resp: 31534

Ion Ratio Lower Upper

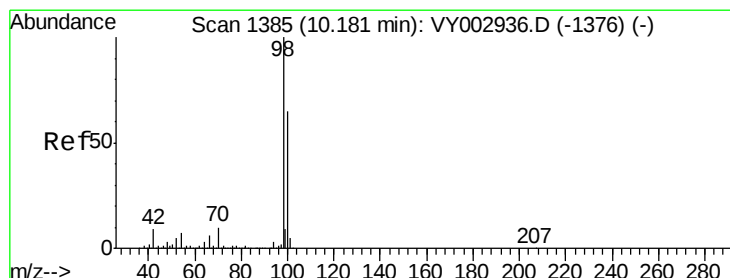
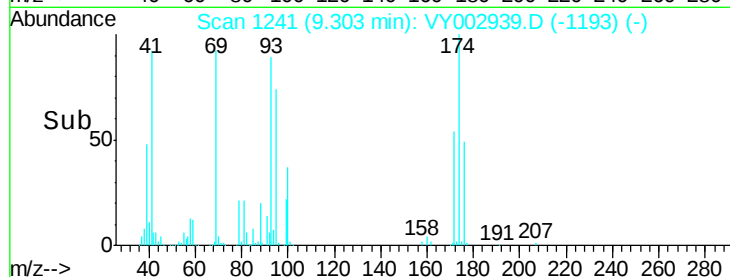
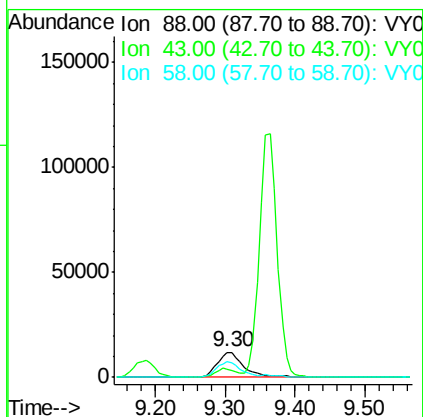
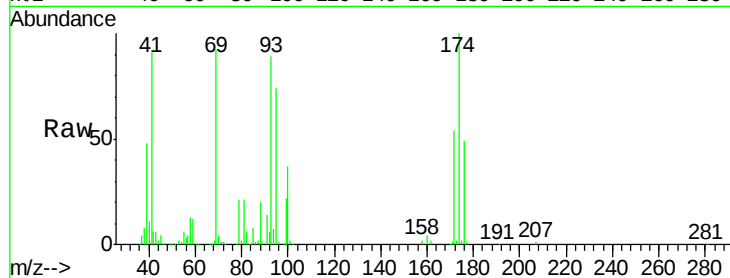
88 100

43 25.4 21.0 31.6

58 57.7 51.5 77.3

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#50

Toluene-d8

Concen: 49.381 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002939.D

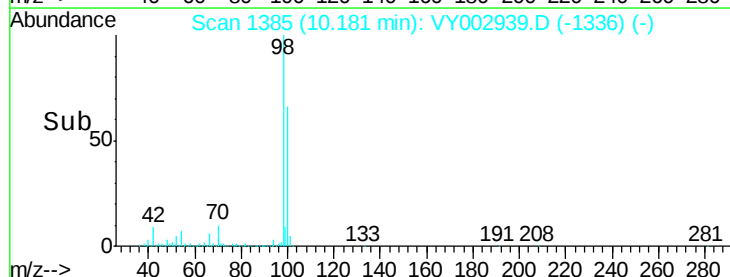
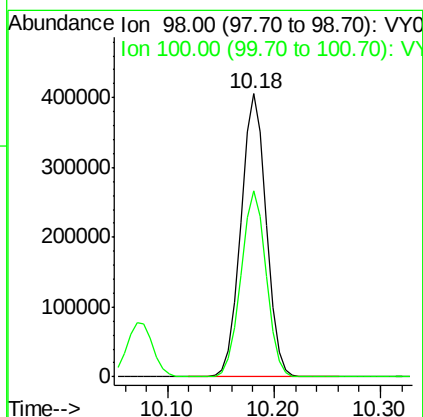
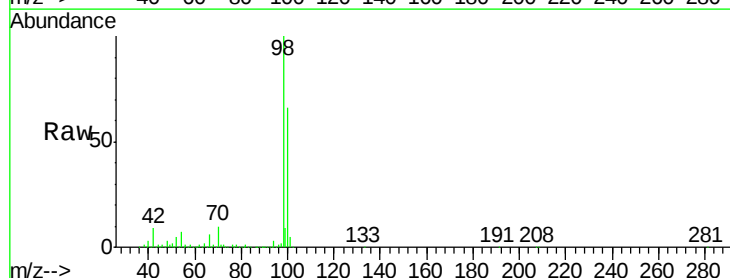
Acq: 19 Jun 2020 15:27

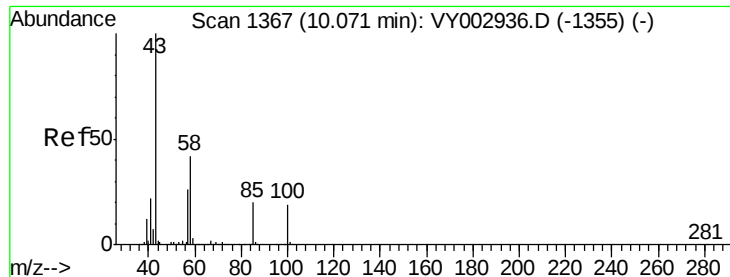
Tgt Ion: 98 Resp: 677409

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9





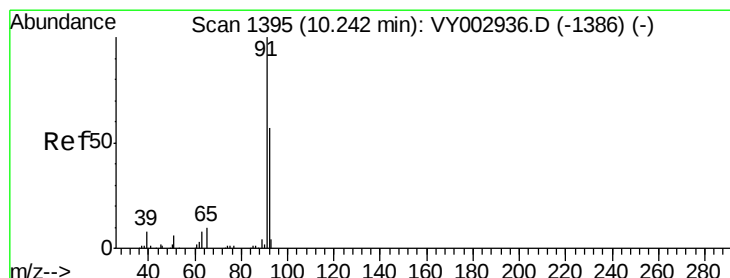
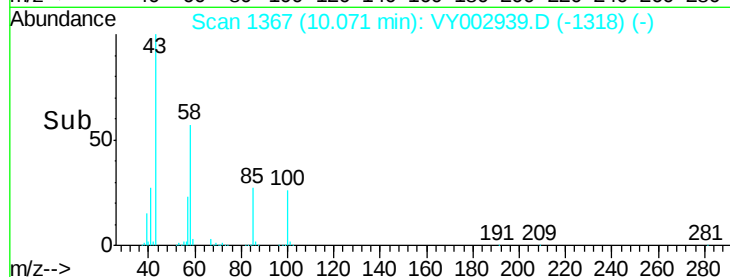
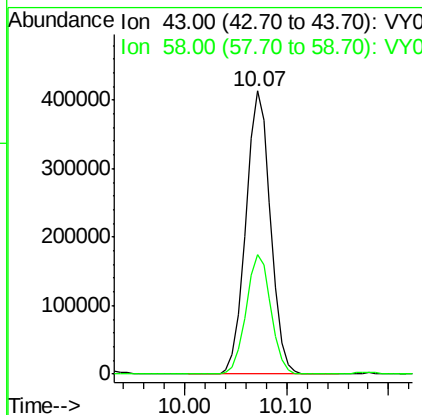
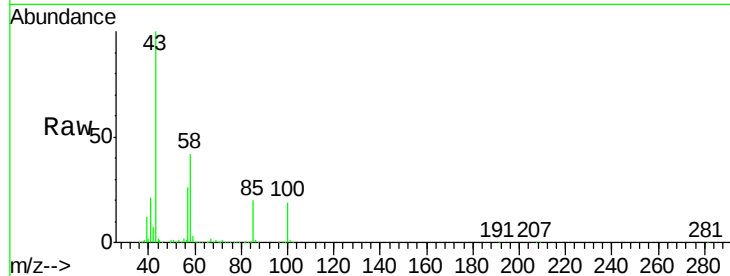
#51
4-Methyl-2-Pentanone
Concen: 253.484 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion: 43 Resp: 693596
Ion Ratio Lower Upper
43 100
58 42.6 33.9 50.9

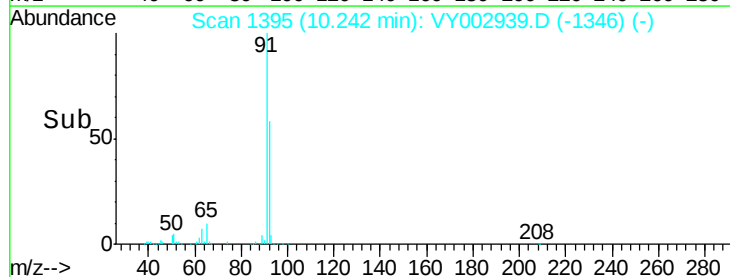
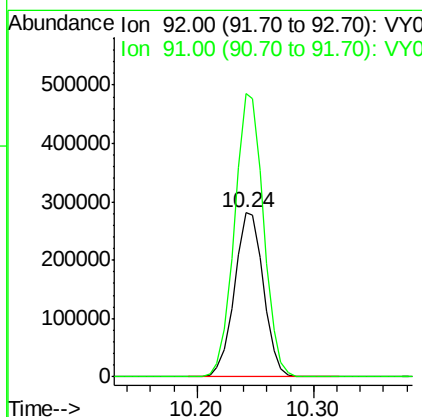
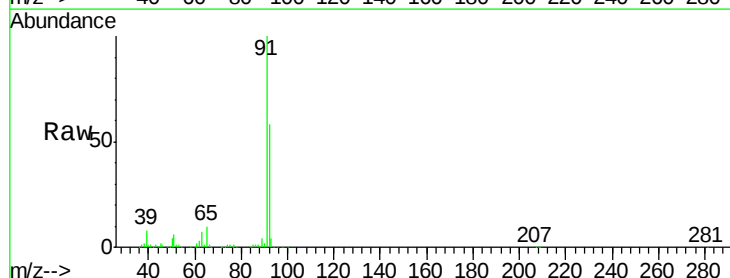
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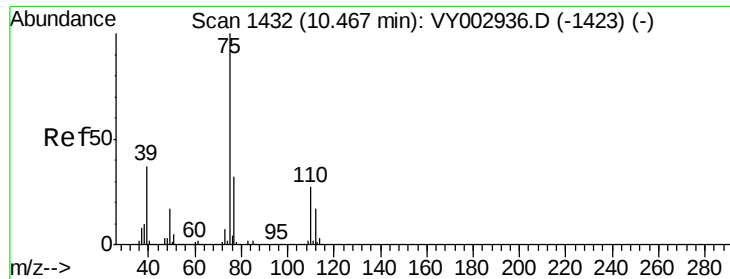
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#52
Toluene
Concen: 50.692 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion: 92 Resp: 487752
Ion Ratio Lower Upper
92 100
91 172.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 51.291 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY061920

Tot Ion: 75 Resp: 277829

Ion Ratio Lower Upper

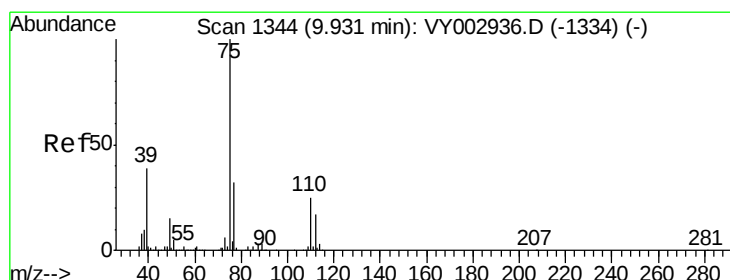
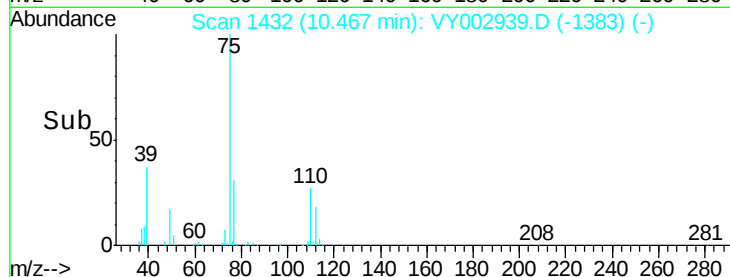
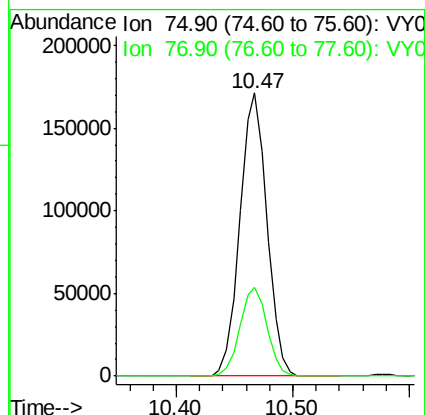
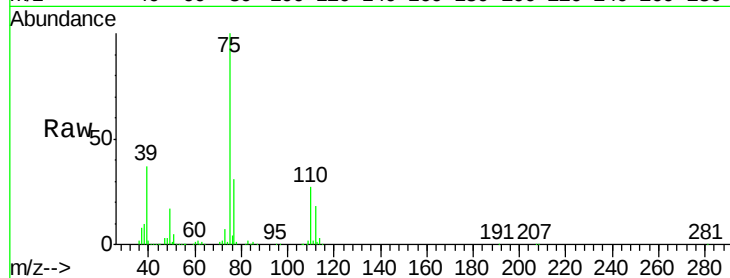
75 100

77 31.4 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 51.261 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

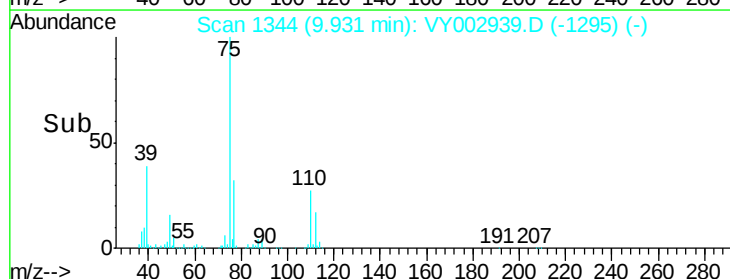
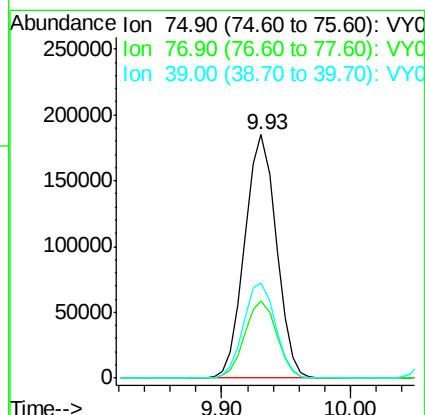
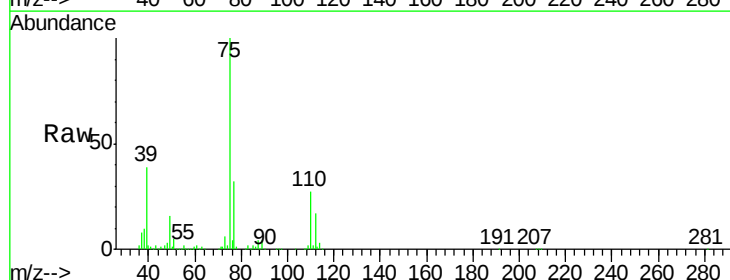
Tgt Ion: 75 Resp: 314298

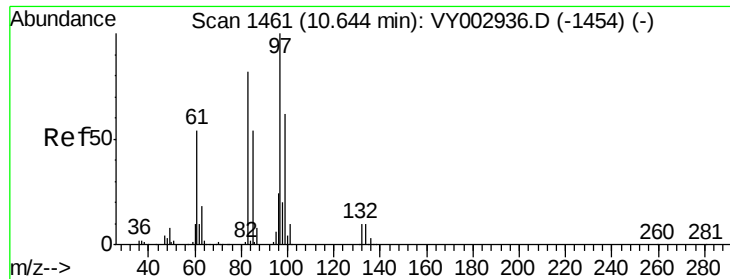
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 39.2 31.4 47.0





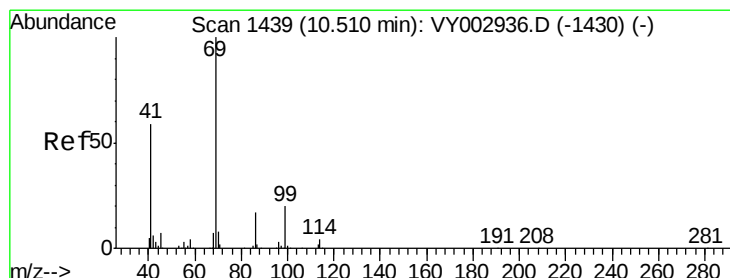
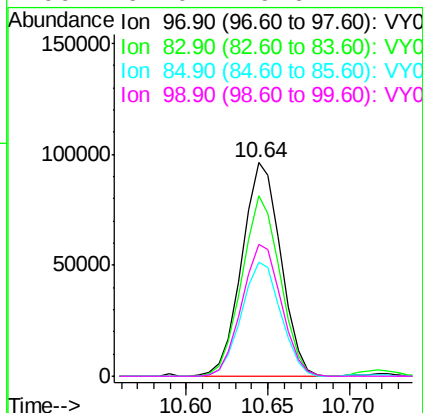
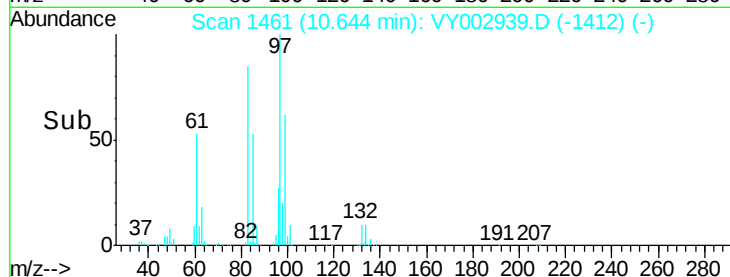
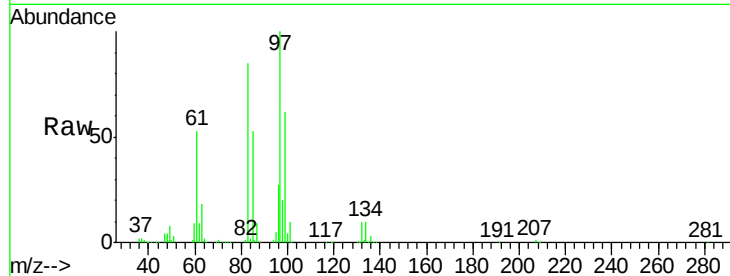
#55
 1,1,2-Trichloroethane
 Concen: 49.955 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tot Ion:	97	Resp:	159034
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.9	98.9
85	53.5	43.1	64.7
99	62.0	49.6	74.4

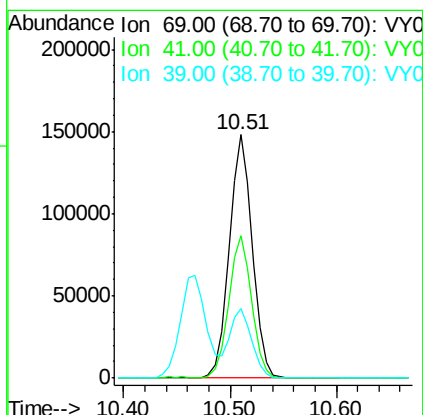
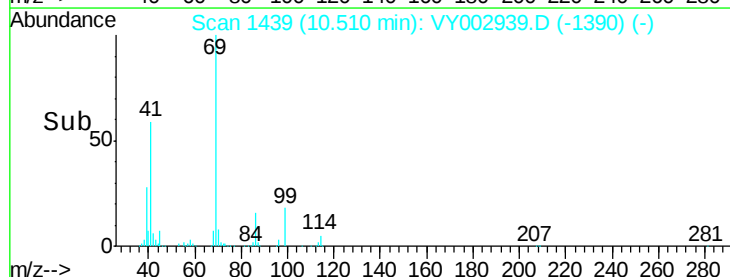
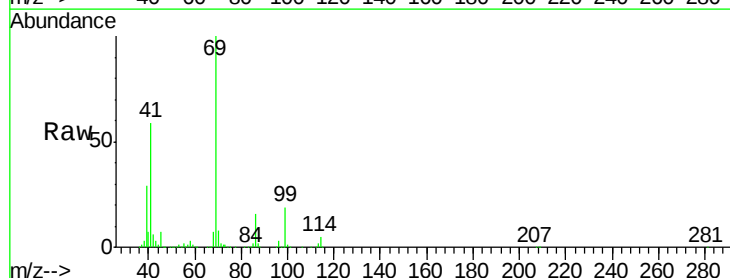
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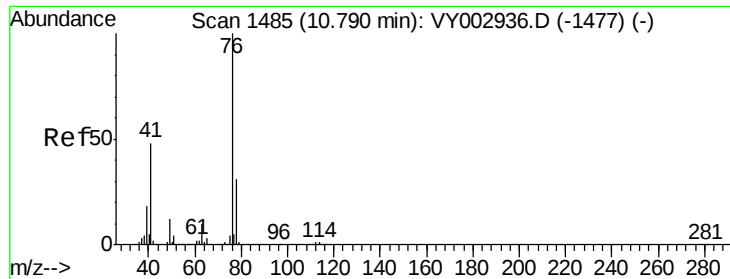
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#56
 Ethyl methacrylate
 Concen: 52.040 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion:	69	Resp:	223325
Ion	Ratio	Lower	Upper
69	100		
41	58.0	46.4	69.6
39	26.7	21.4	32.0





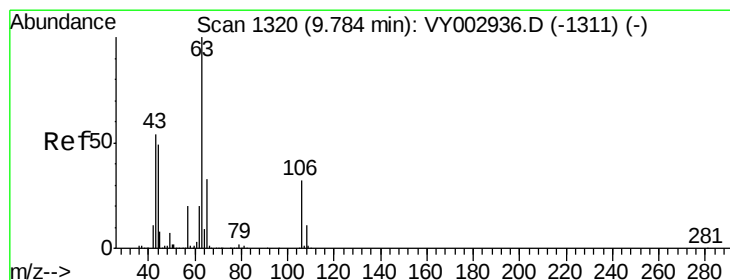
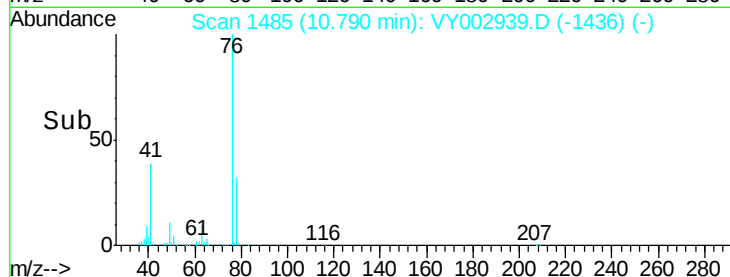
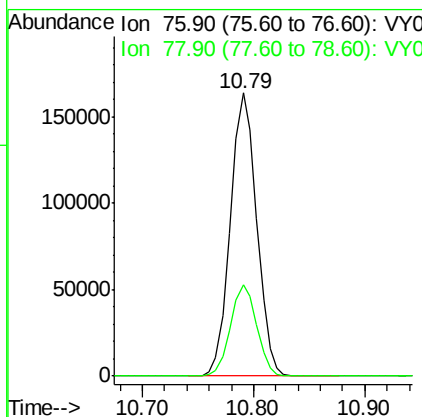
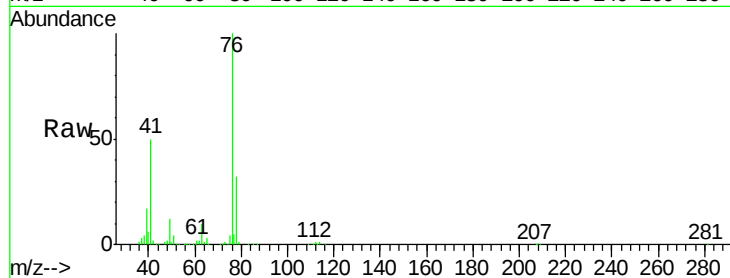
#57
 1,3-Dichloropropane
 Concen: 50.339 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.4	38.2

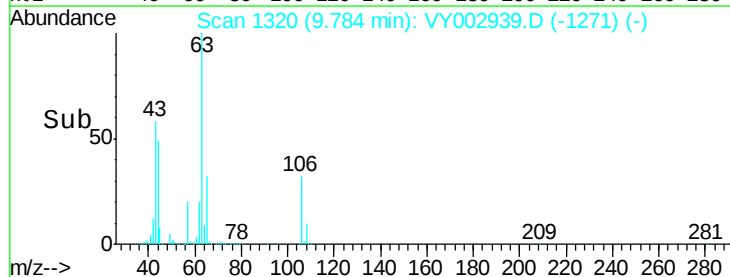
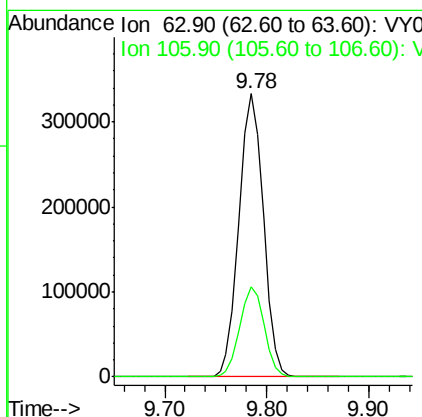
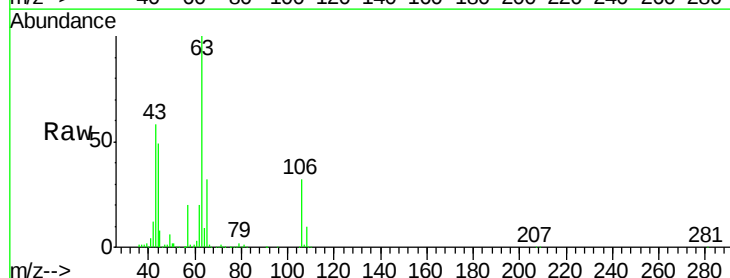
Manual Integrations
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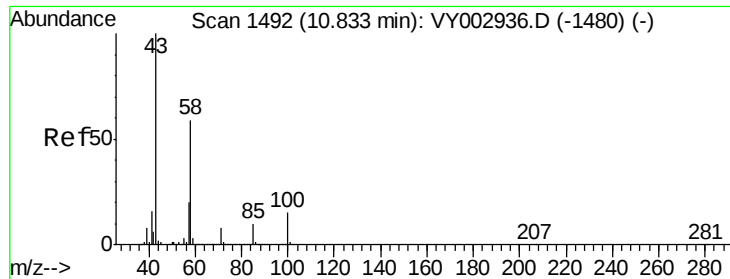
MMDadoda
 6/22/2020 2:07:01 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.491 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	25.6	38.4





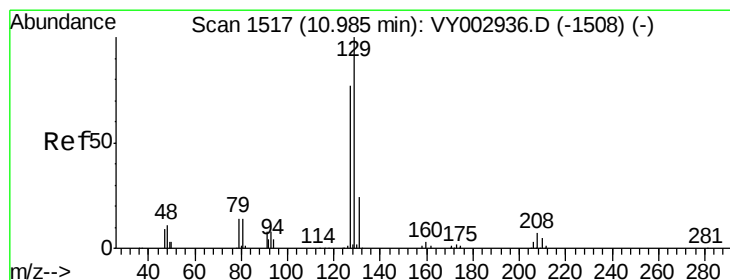
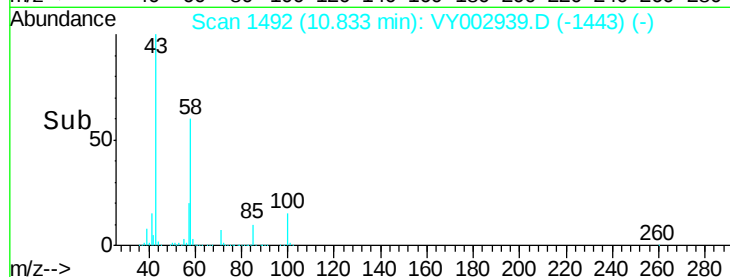
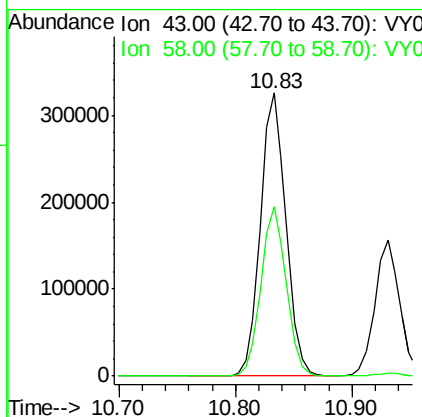
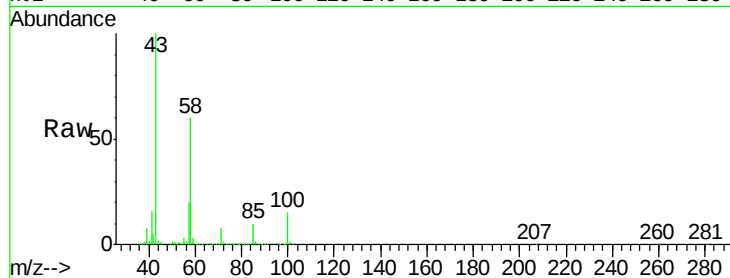
#59
2-Hexanone
Concen: 258.231 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion: 43 Resp: 496765
Ion Ratio Lower Upper
43 100
58 59.4 29.7 89.1

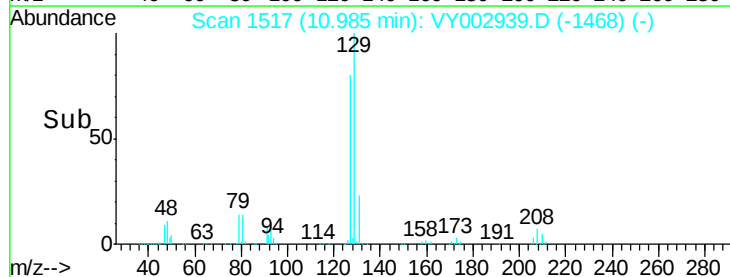
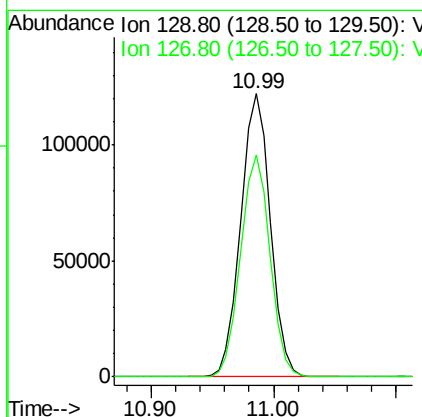
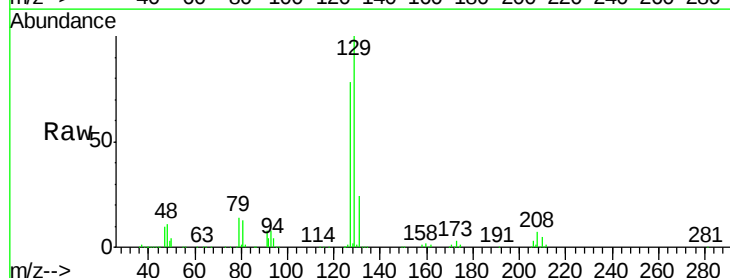
Manual Integrations
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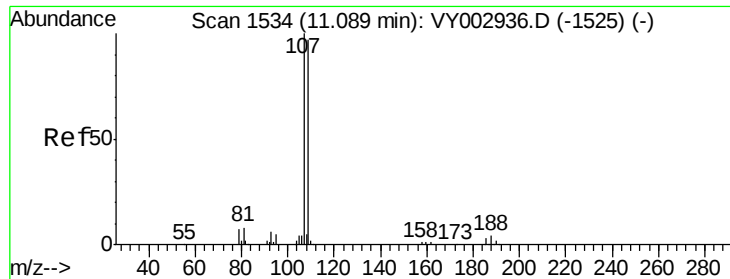
MMDadoda
6/22/2020 2:07:01 PM



#60
Dibromochloromethane
Concen: 50.422 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion: 129 Resp: 204711
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





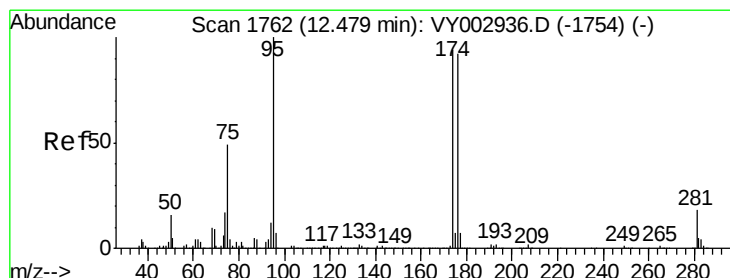
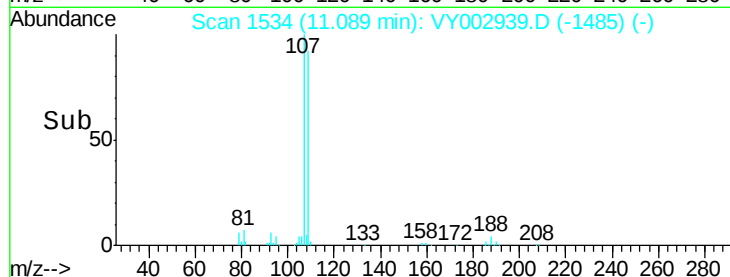
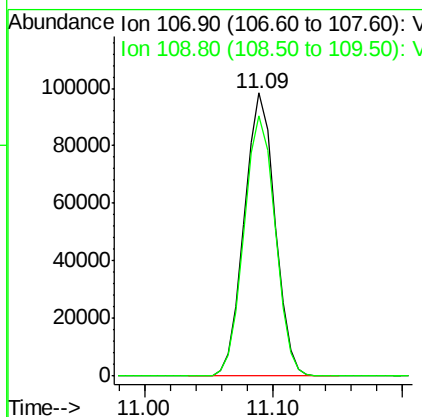
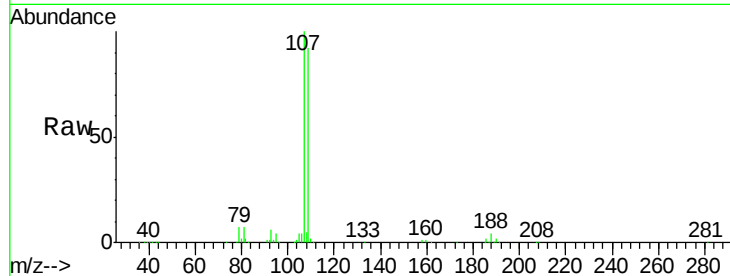
#61
 1,2-Dibromoethane
 Concen: 51.116 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.6	114.8

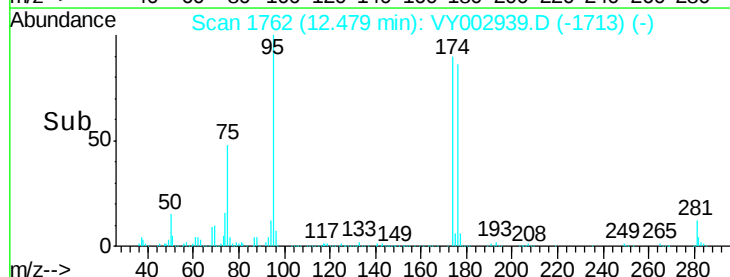
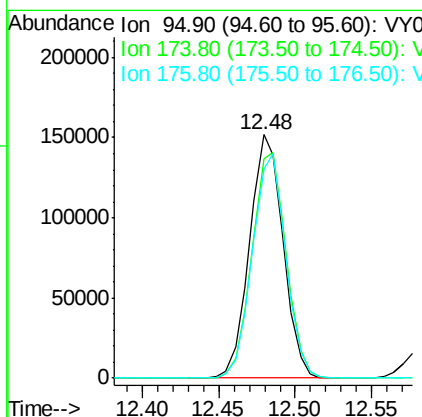
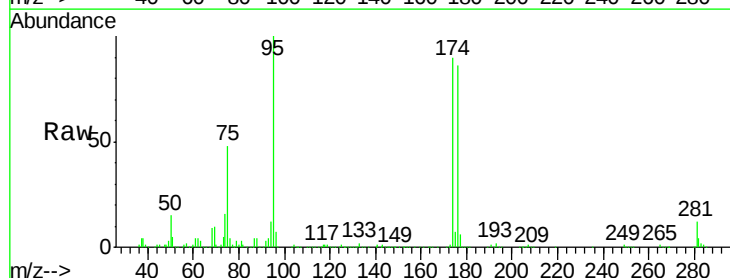
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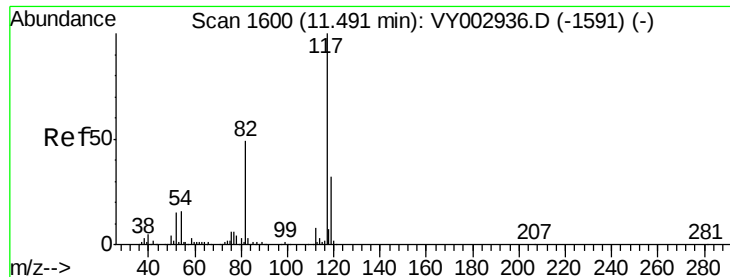
MMDadoda
 6/22/2020 2:07:01 PM



#62
 4-Bromofluorobenzene
 Concen: 48.619 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	191.2
176	91.7	0.0	186.0





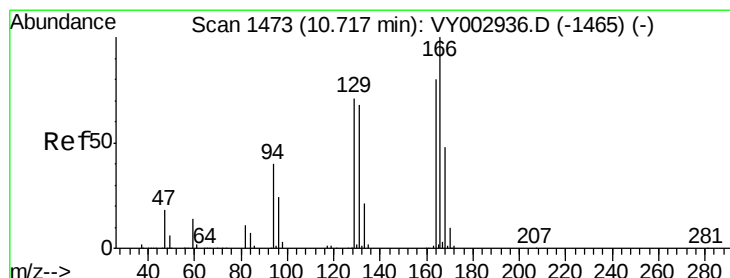
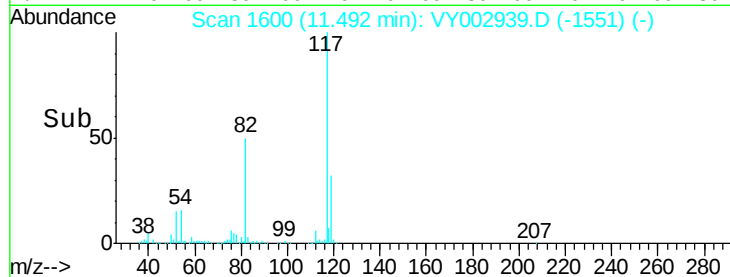
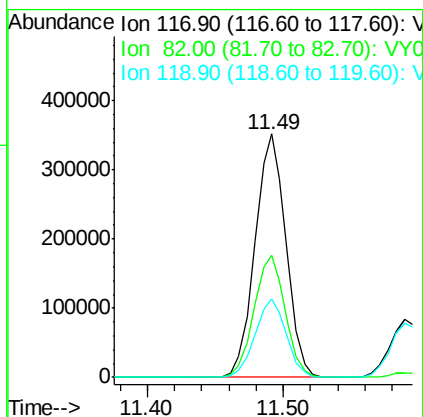
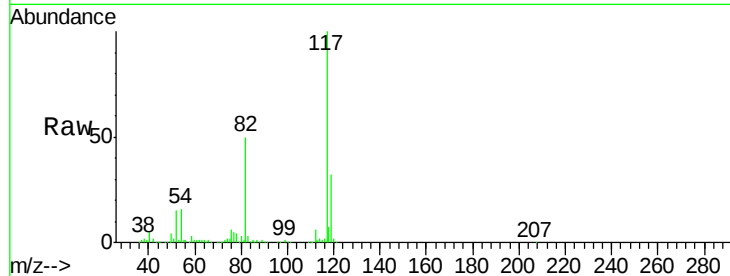
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

Tot Ion	Ratio	Resp	Lower	Upper
117	100	560000		
82	49.9		39.4	59.0
119	32.5		25.4	38.0

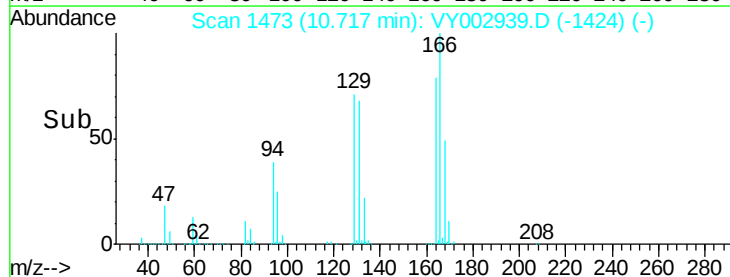
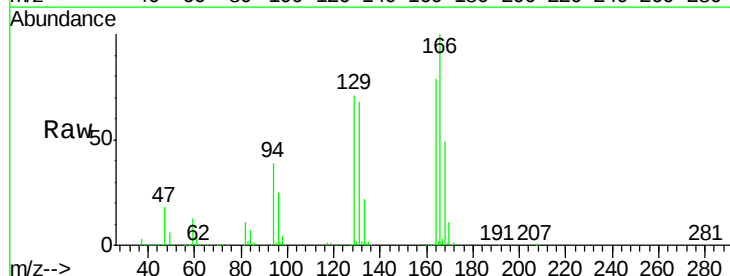
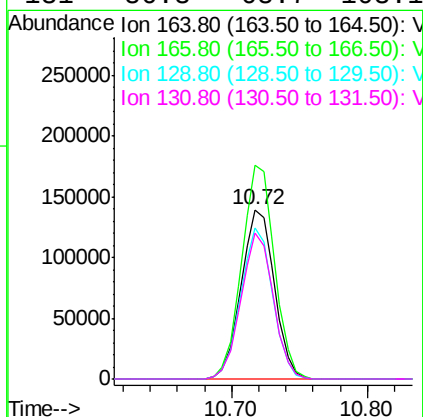
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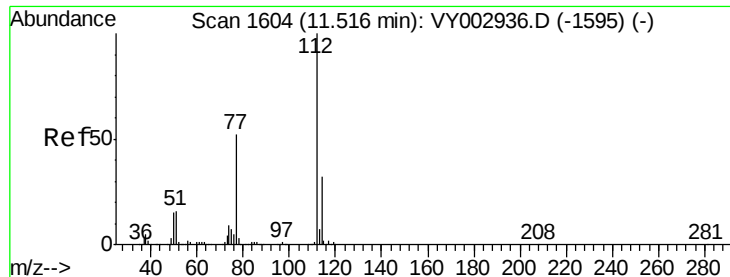
MMDadoda
6/22/2020 2:07:01 PM



#64
Tetrachloroethene
Concen: 50.836 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	237226		
166	126.0		100.5	150.7
129	89.3		71.1	106.7
131	86.3		68.7	103.1





#65

Chlorobenzene

Concen: 51.005 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVY061920

Tot Ion:112 Resp: 540667

Ion Ratio Lower Upper

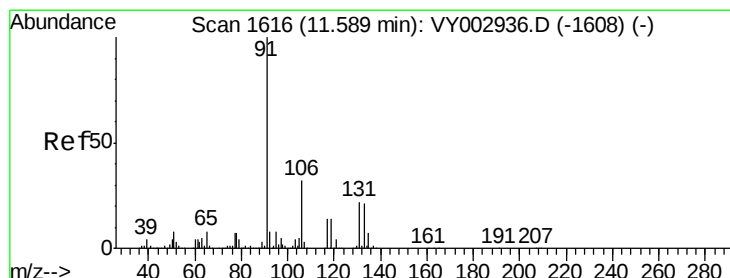
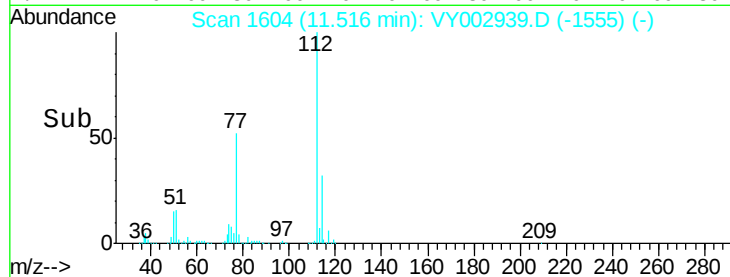
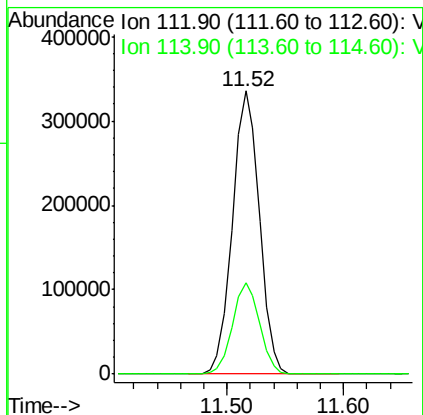
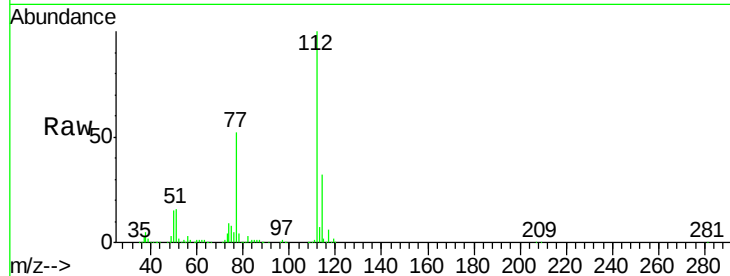
112 100

114 32.3 26.0 39.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 51.269 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

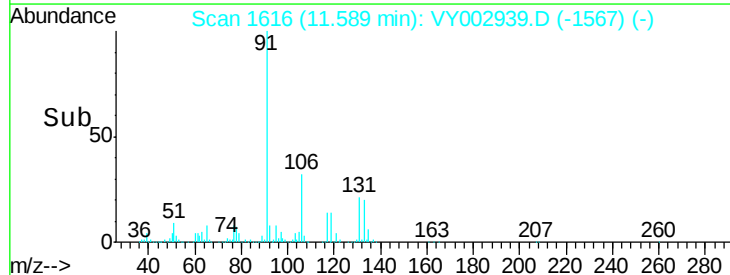
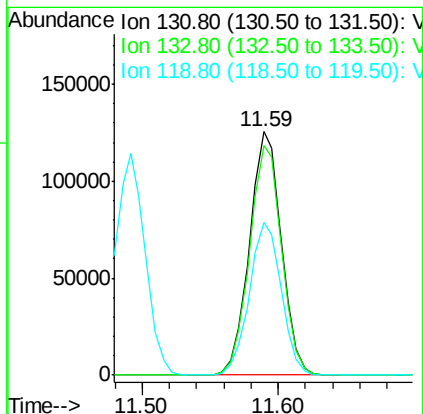
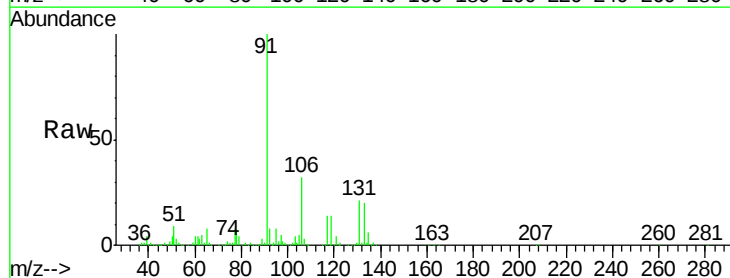
Tgt Ion:131 Resp: 205423

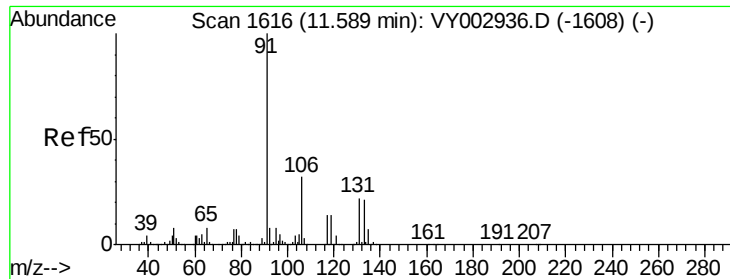
Ion Ratio Lower Upper

131 100

133 94.9 47.7 143.1

119 63.0 31.5 94.5





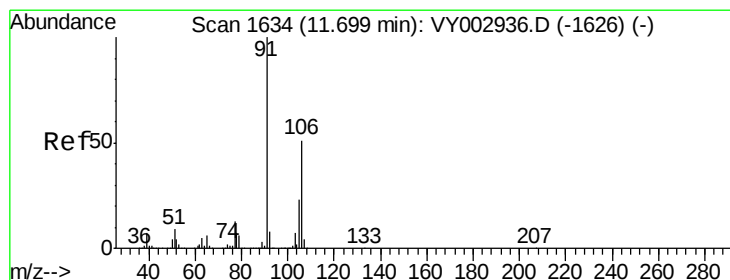
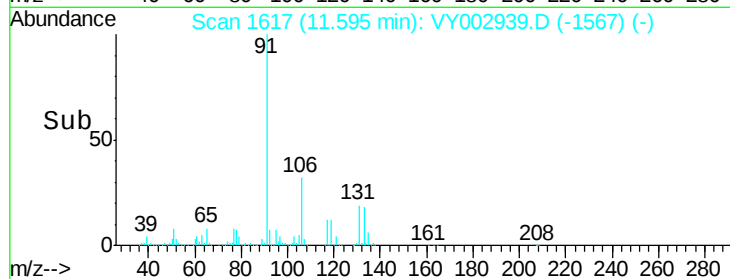
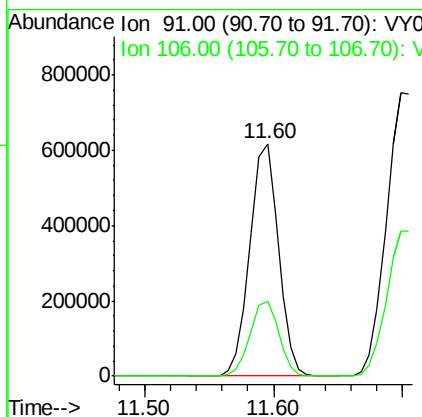
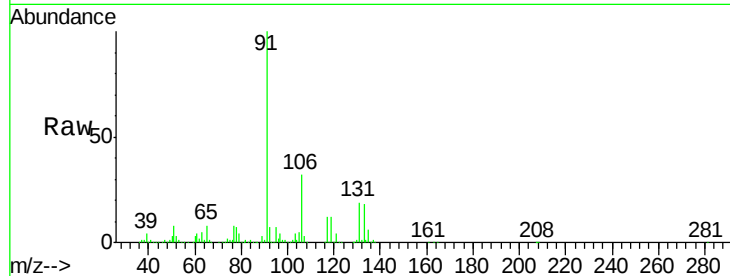
#67
Ethyl Benzene
Concen: 51.682 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		944975		
106	32.4	25.8	38.8		

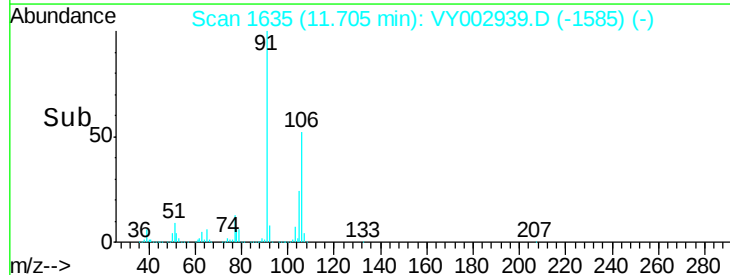
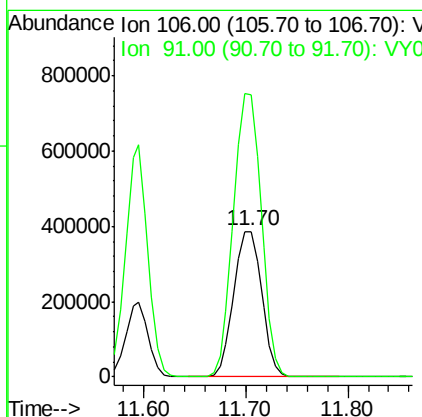
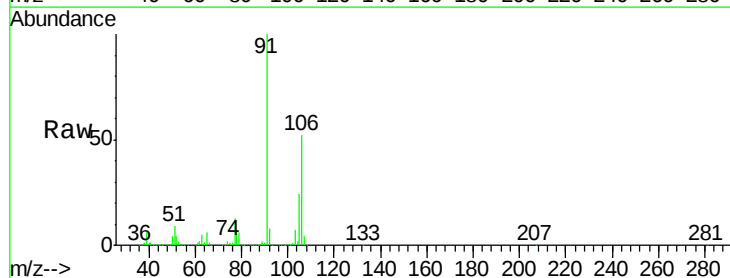
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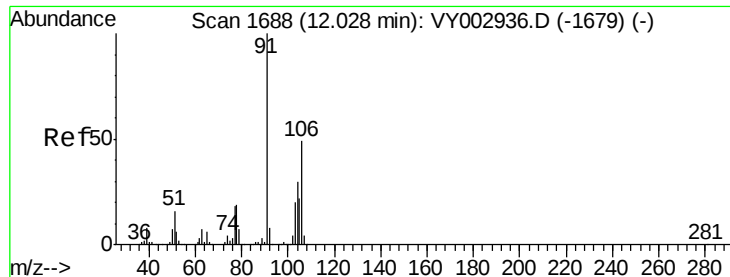
MMDadoda
6/22/2020 2:07:01 PM



#68
m/p-Xylenes
Concen: 103.508 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		735437		
91	193.9	155.9	233.9		





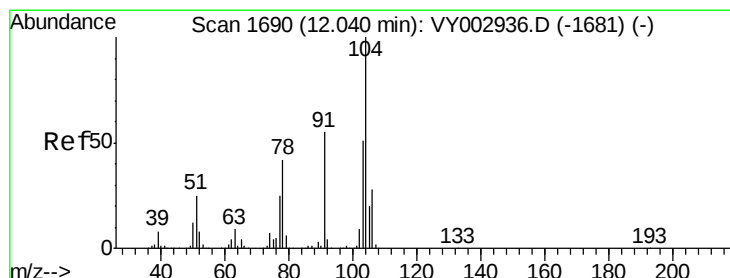
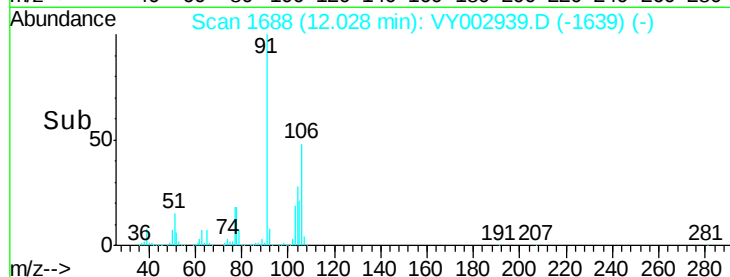
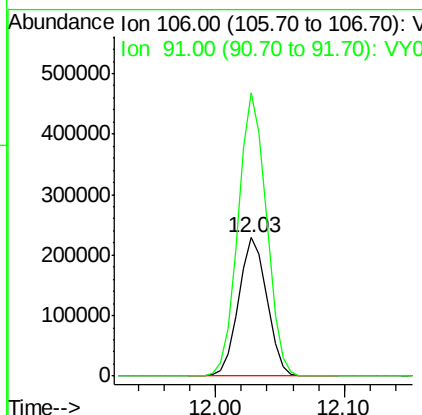
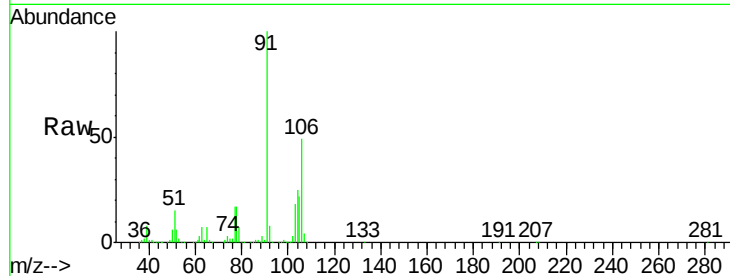
#69
o-Xylene
Concen: 51.915 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.4	102.1	306.1	

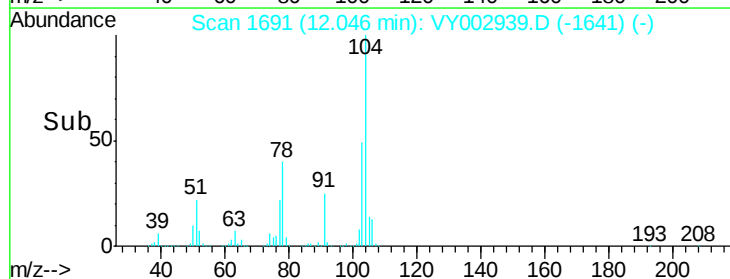
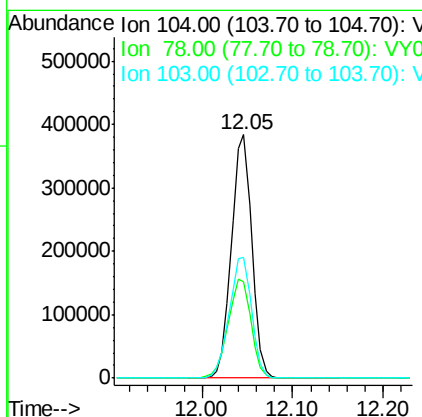
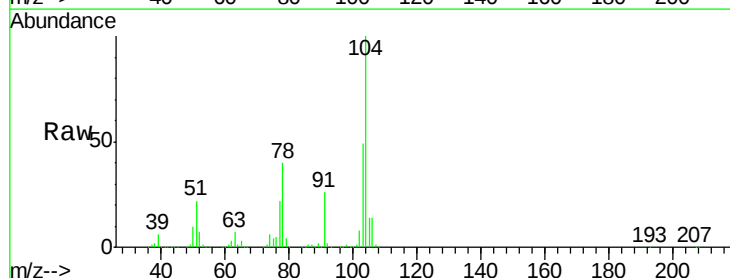
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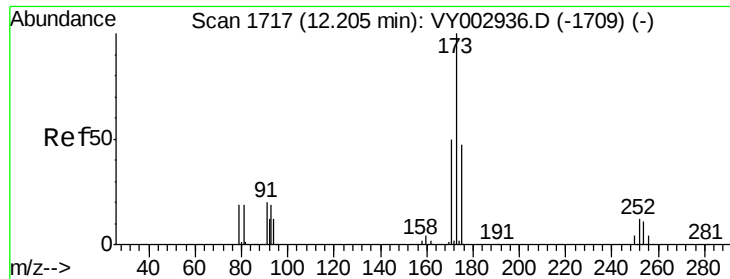
MMDadoda
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#70
Styrene
Concen: 51.757 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	45.6	36.9	55.3	
103	54.4	43.7	65.5	





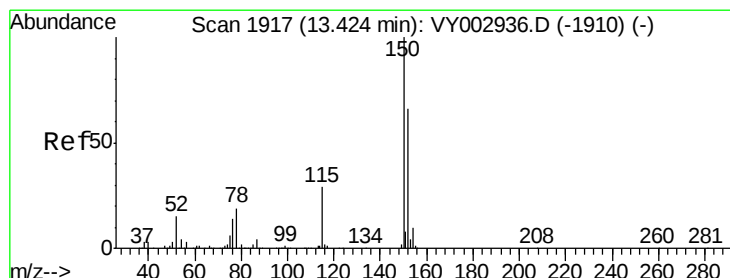
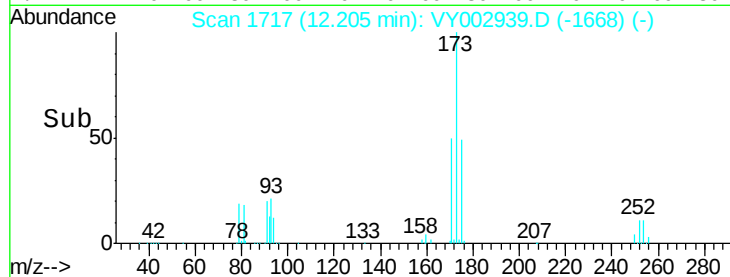
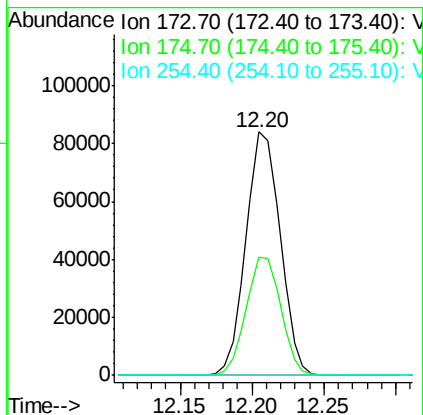
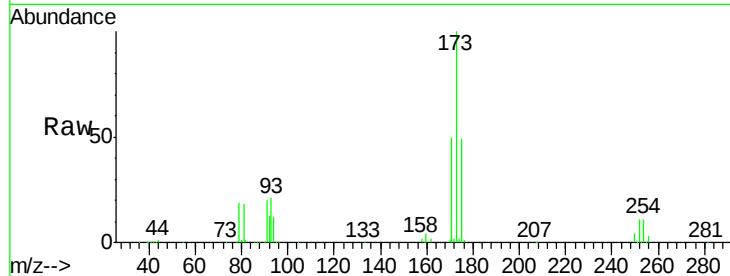
#71
Bromoform
Concen: 51.619 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.9	71.8
254	0.1	0.1	0.1

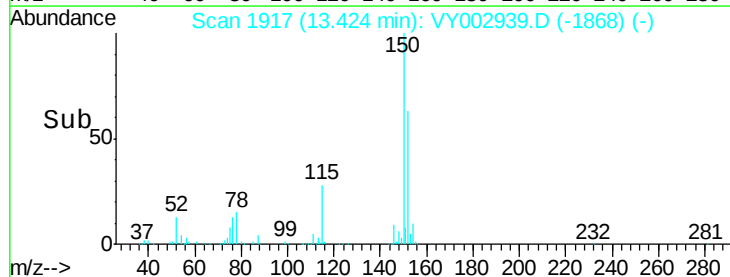
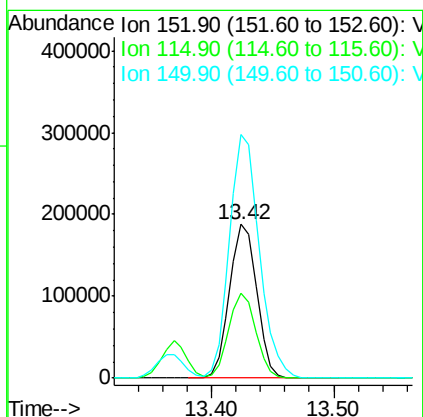
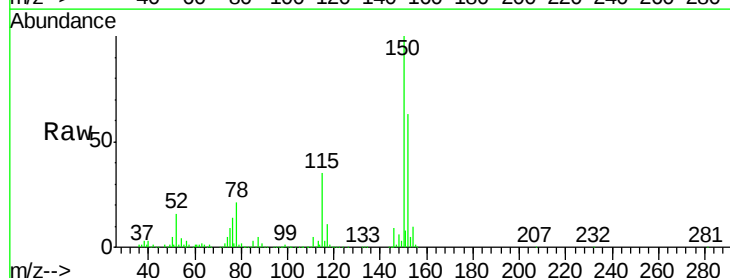
Manual Integrations
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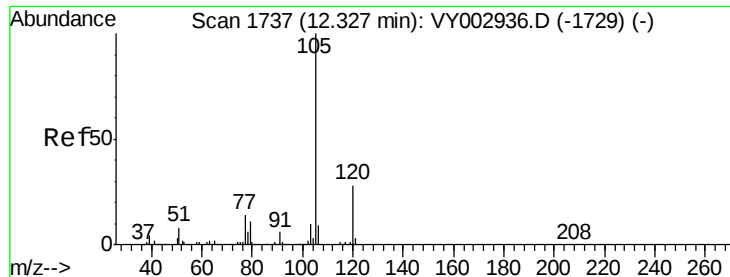
MMDadoda
6/22/2020 2:07:01 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.9	80.6
150	173.6	0.0	341.8





#73

Isopropylbenzene

Concen: 53.006 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVY061920

Tot Ion: 105 Resp: 937696

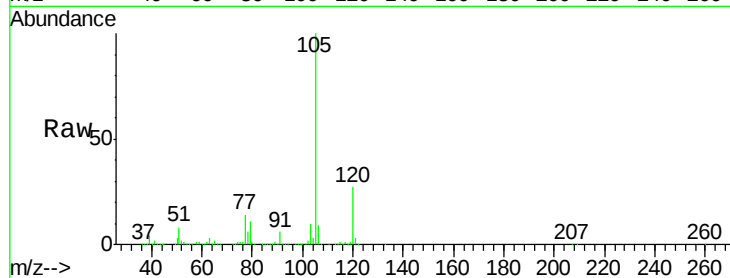
Ion Ratio Lower Upper

105 100

120 27.4 14.0 41.9

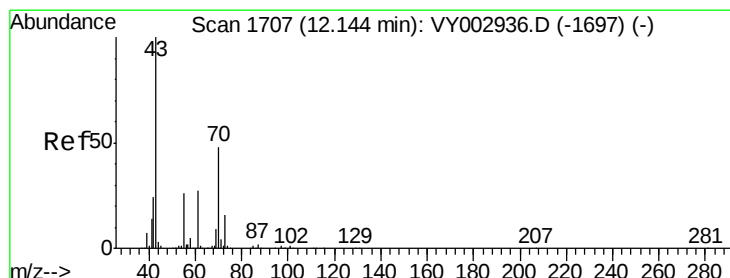
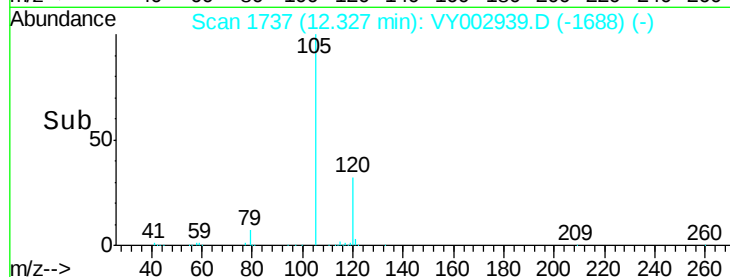
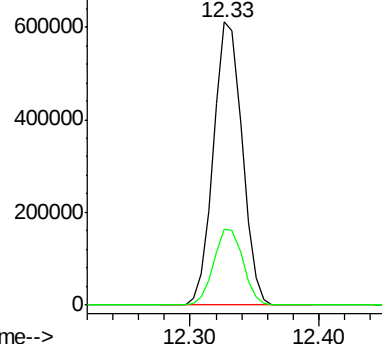
Manual Integrations
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6/22/2020 2:07:01 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.420 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Tgt Ion: 43 Resp: 243372

Ion Ratio Lower Upper

43 100

70 47.9 38.0 57.0

55 24.3 20.3 30.5

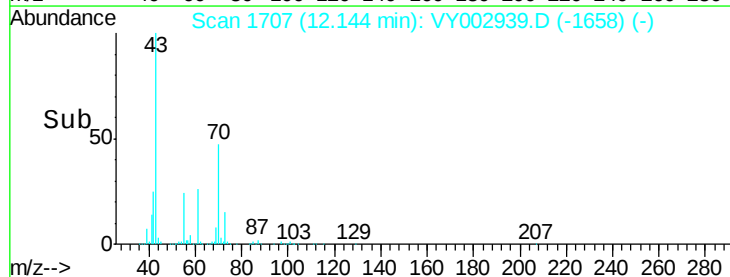
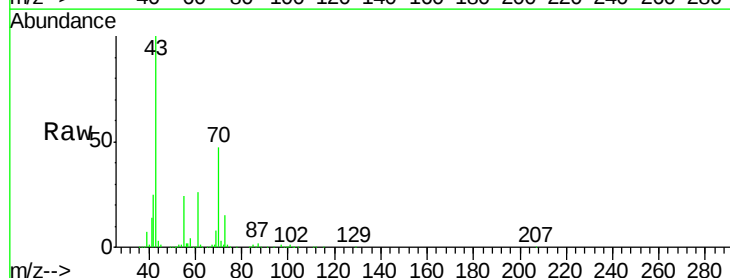
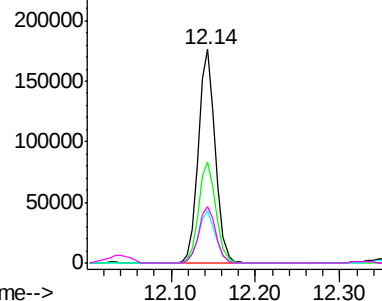
61 26.8 21.4 32.2

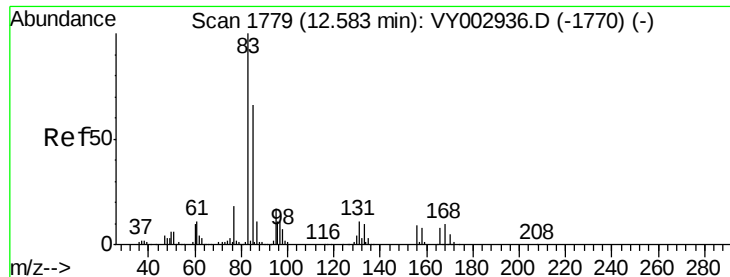
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.075 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

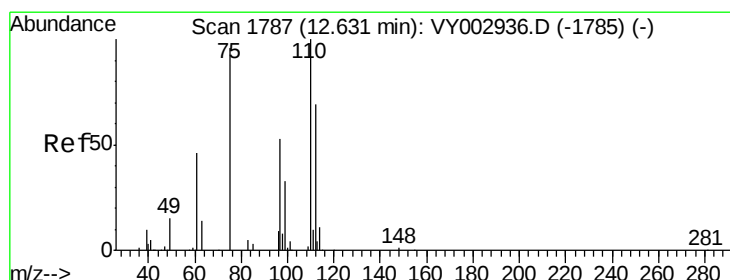
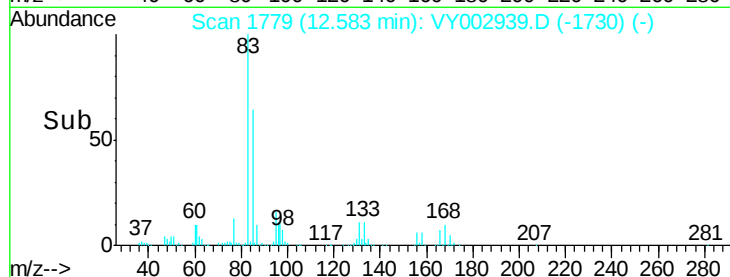
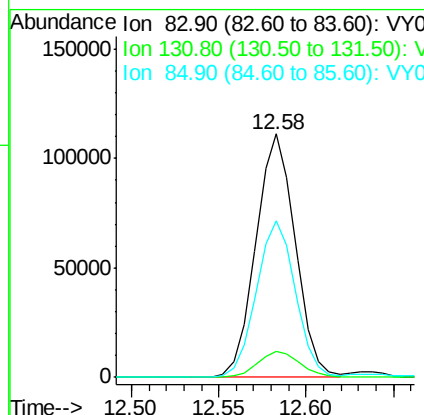
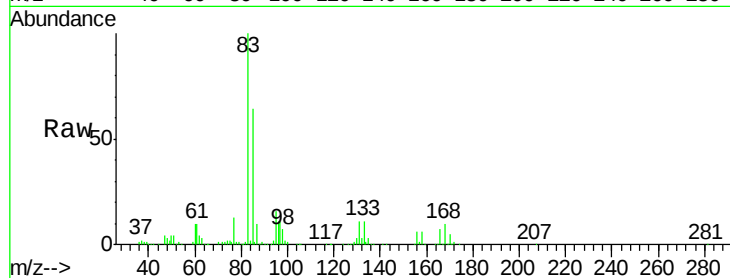
ClientSampleId :

ICVY061920

Tot Ion:	83	Resp:	174081
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.9	17.7
85	63.6	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.165 ug/l m

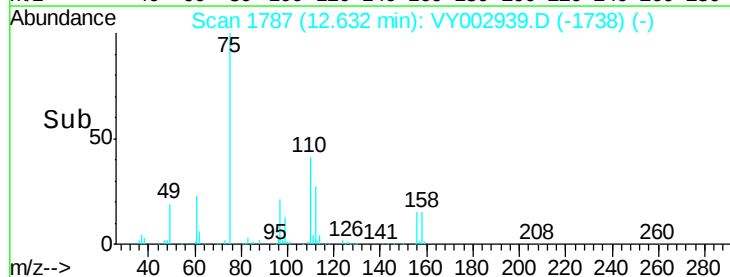
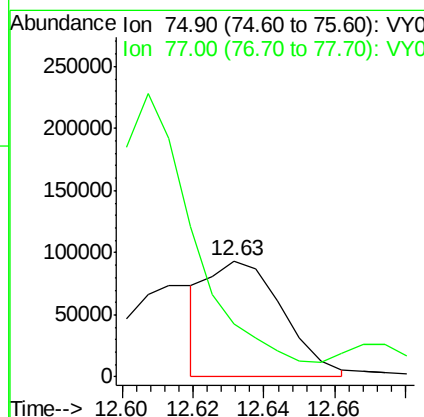
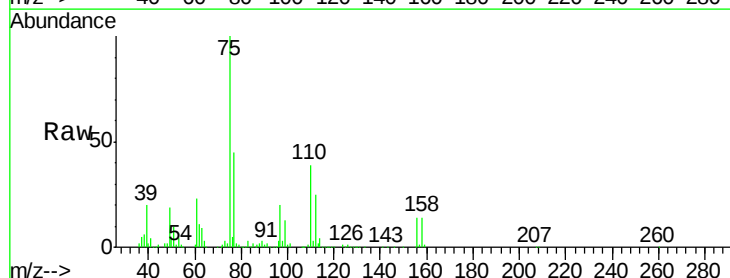
RT: 12.63 min Scan# 1787

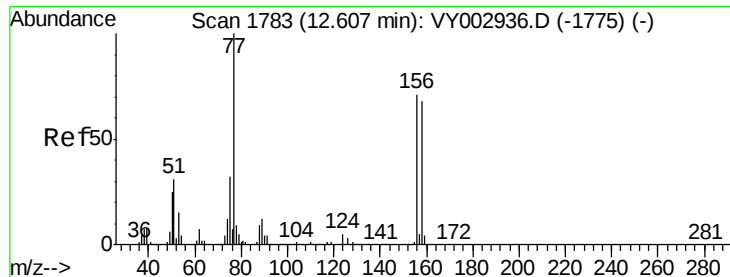
Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Tgt Ion:	75	Resp:	136160
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.898 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

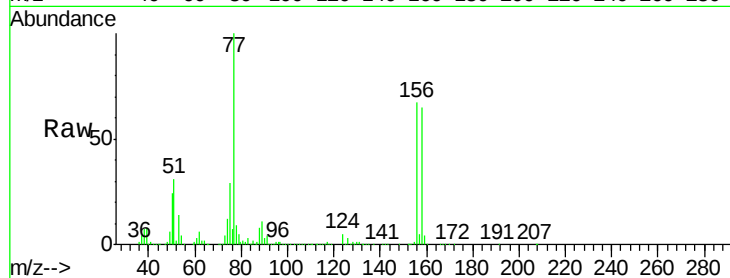
ClientSampleId :

ICVY061920

Tot Ion	Ratio	Lower	Upper
156	100		
77	165.6	80.5	241.5
158	97.7	48.2	144.6

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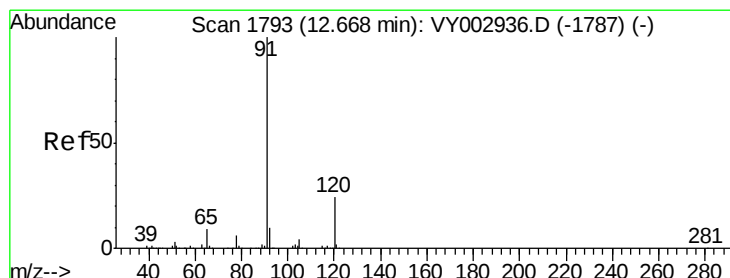
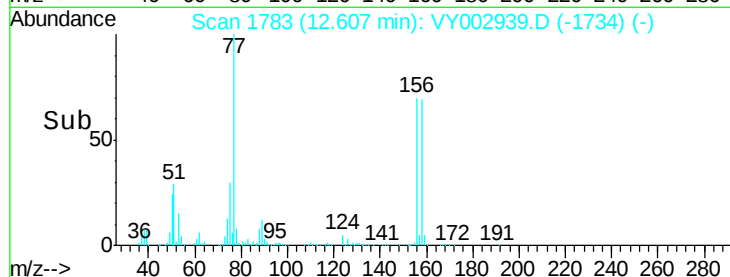
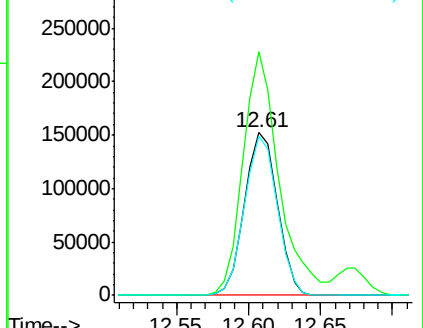
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.963 ug/l

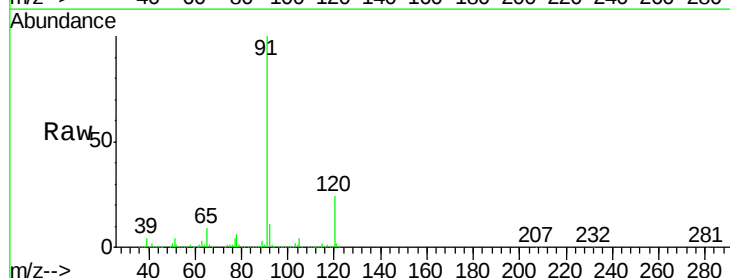
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002939.D

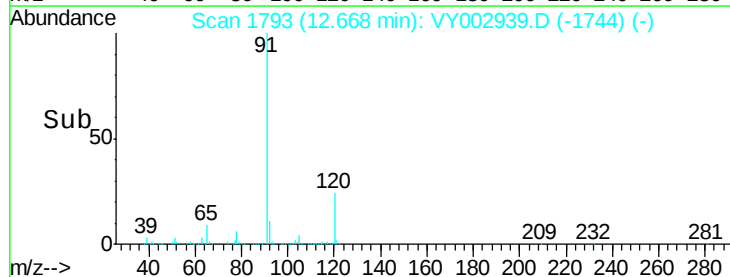
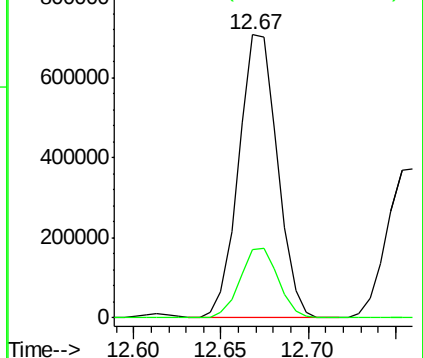
Acq: 19 Jun 2020 15:27

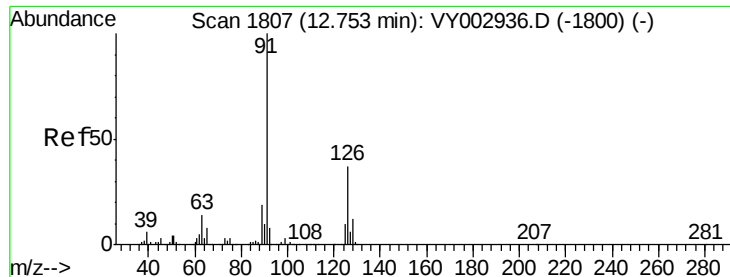
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





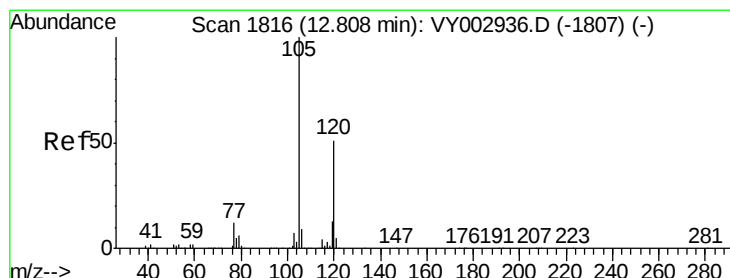
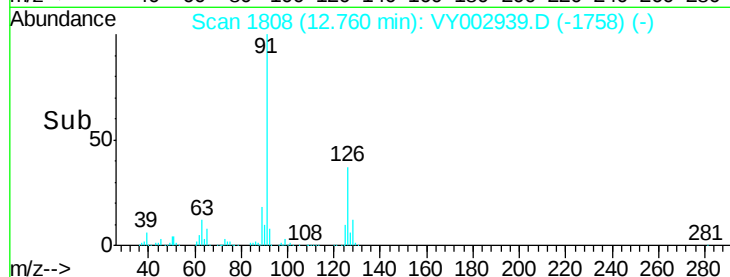
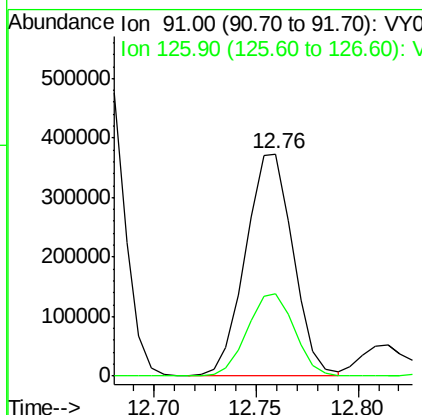
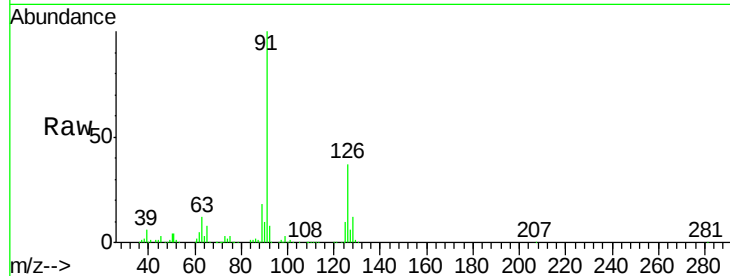
#79
 2-Chlorotoluene
 Concen: 52.591 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tot Ion: 91 Resp: 604553
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.5 55.5

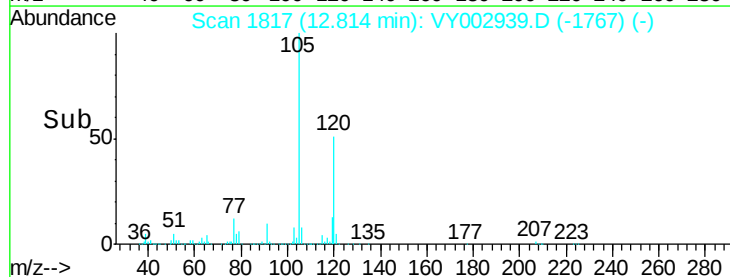
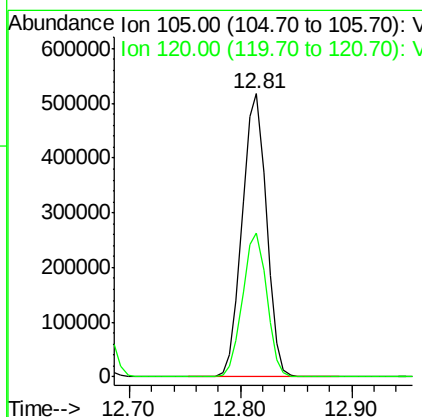
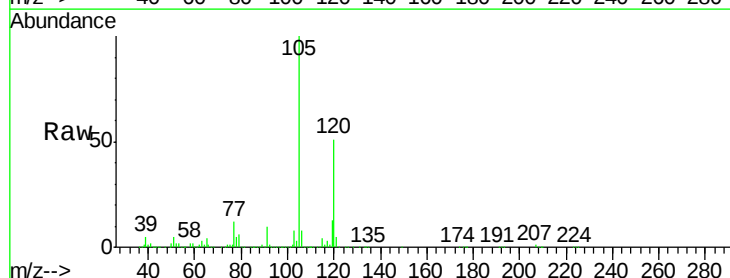
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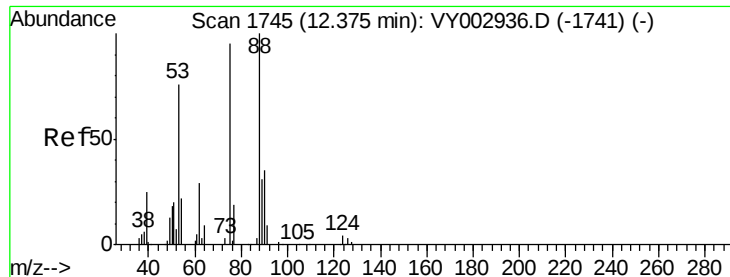
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.011 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion: 105 Resp: 781783
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 54.484 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY061920

Tot Ion: 75 Resp: 71738

Ion Ratio Lower Upper

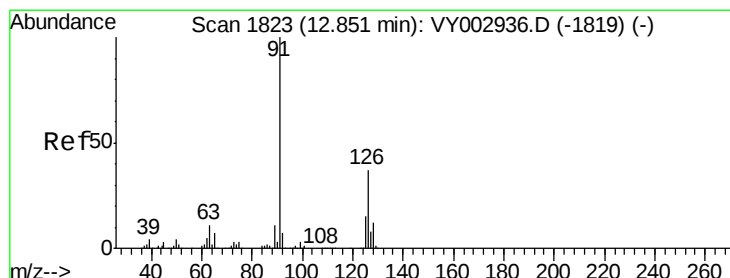
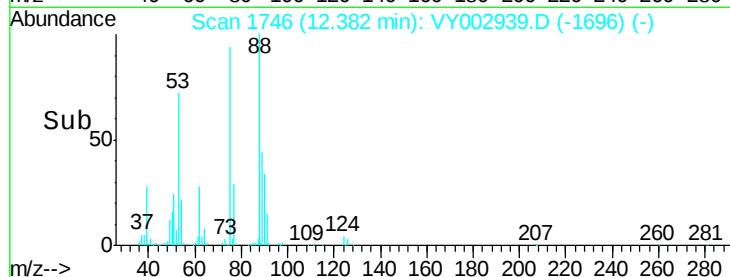
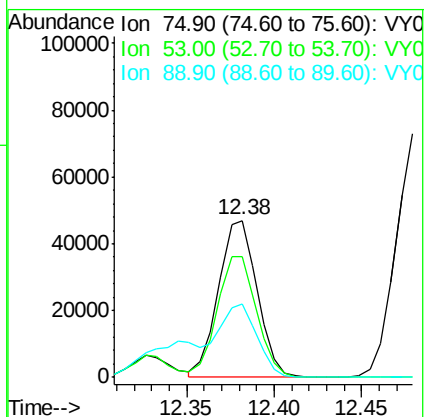
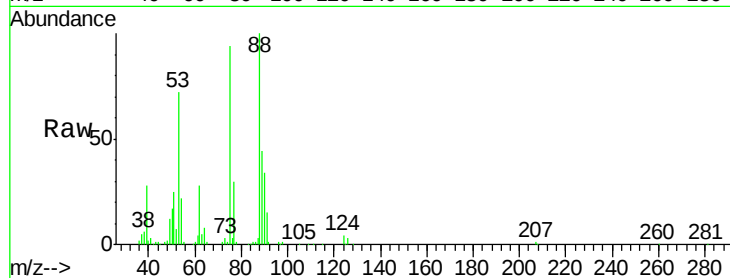
75 100

53 78.9 65.1 97.7

89 48.0 38.4 57.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.337 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002939.D

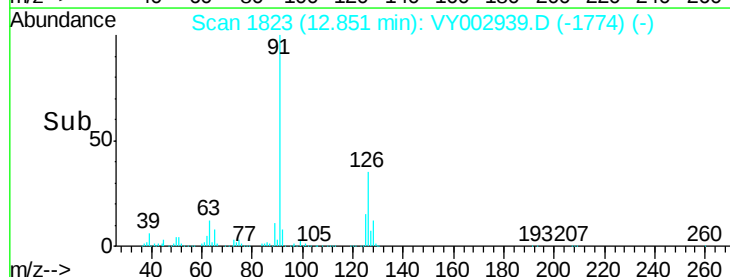
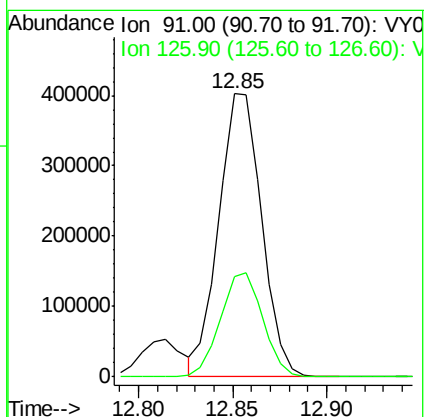
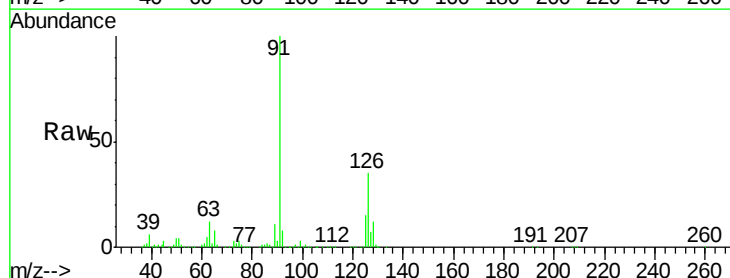
Acq: 19 Jun 2020 15:27

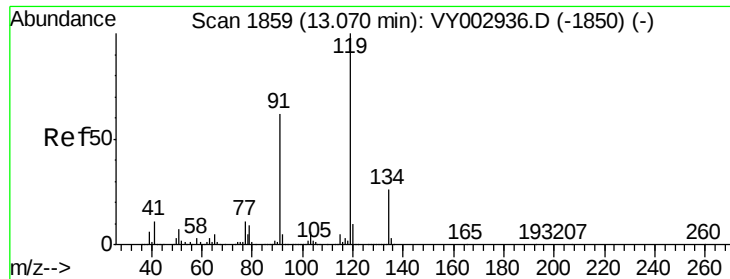
Tgt Ion: 91 Resp: 632706

Ion Ratio Lower Upper

91 100

126 36.5 18.6 55.8





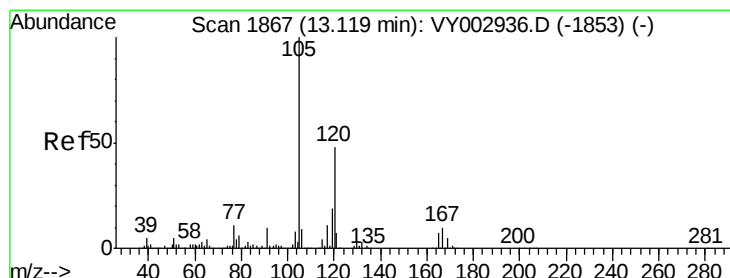
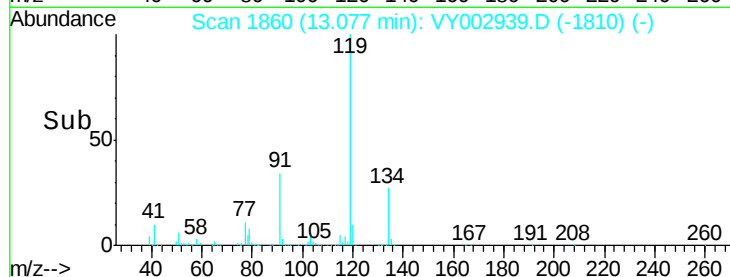
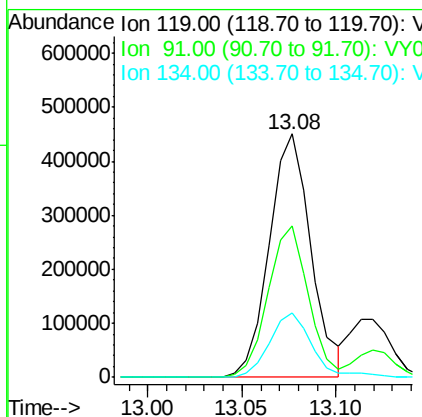
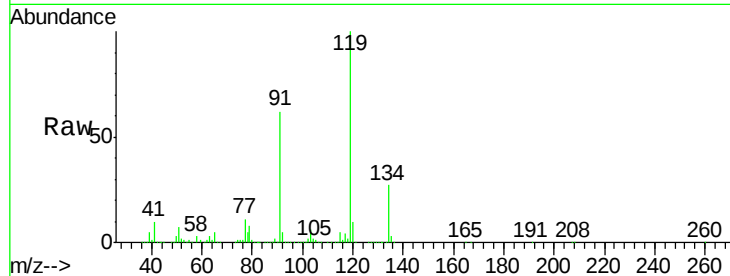
#83
tert-Butylbenzene
Concen: 52.354 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion	Ratio	Resp	Lower	Upper
119	100	691578		
91	60.1	29.9	89.7	
134	27.3	13.3	39.8	

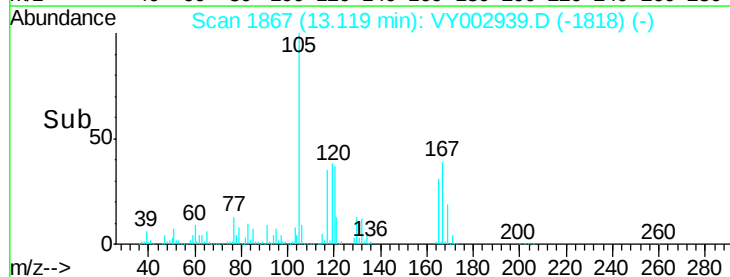
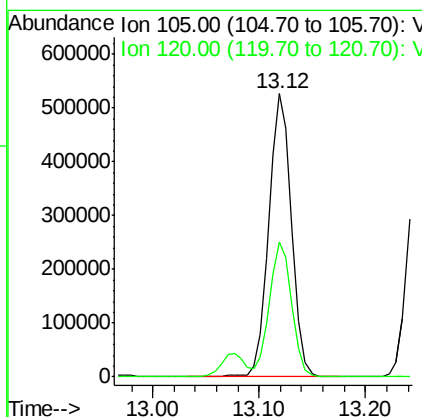
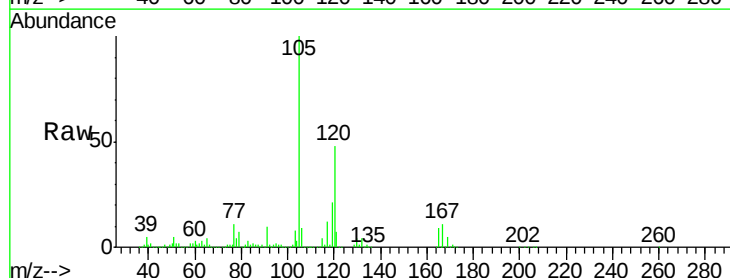
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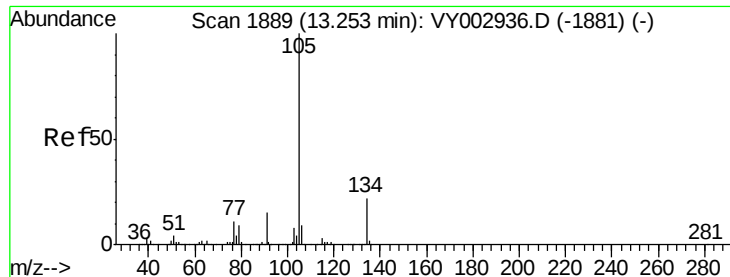
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#84
1,2,4-Trimethylbenzene
Concen: 52.770 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	783089		
120	46.8	23.5	70.5	





#85

sec-Butylbenzene

Concen: 52.589 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVY061920

Tot Ion:105 Resp: 944986

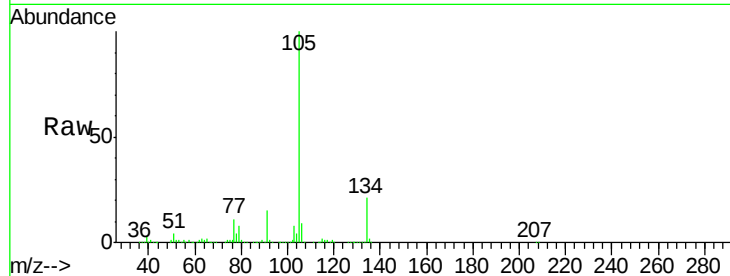
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

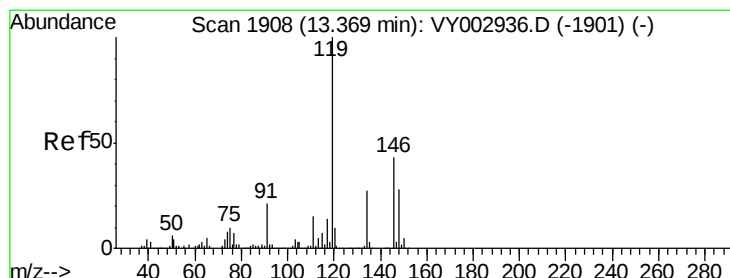
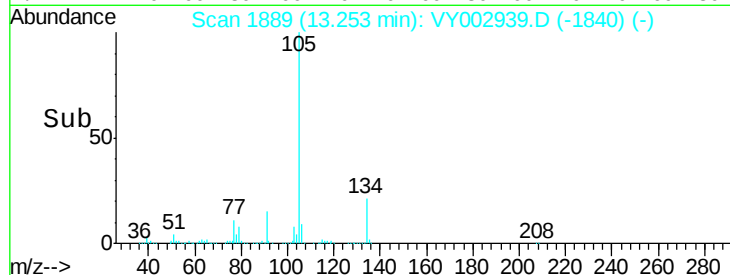
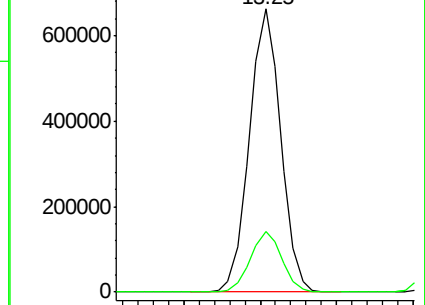
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.291 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

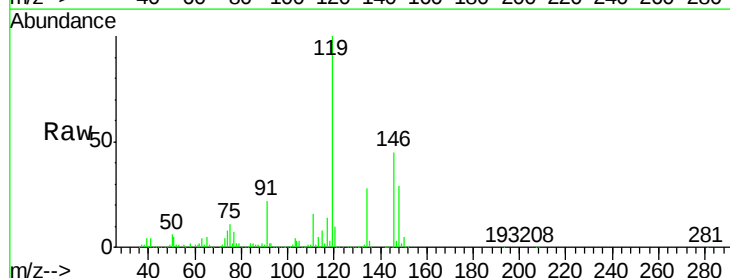
Tgt Ion:119 Resp: 881368

Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.8

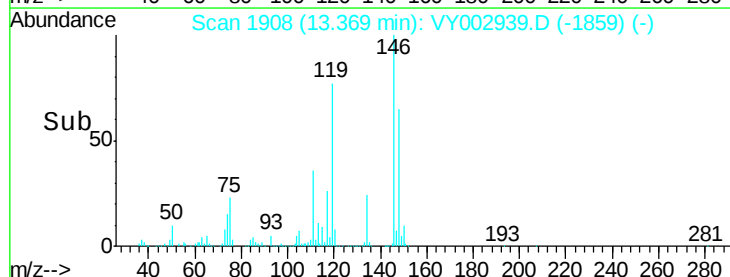
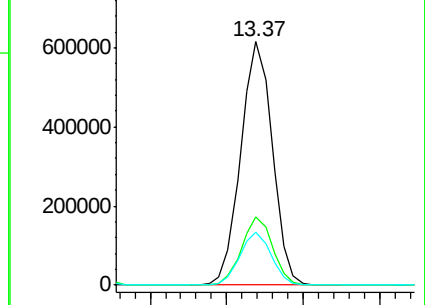
91 21.7 10.8 32.4

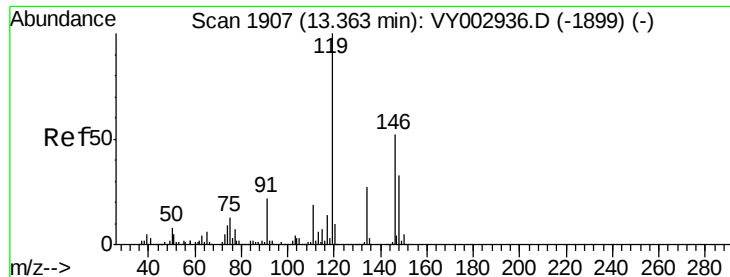


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





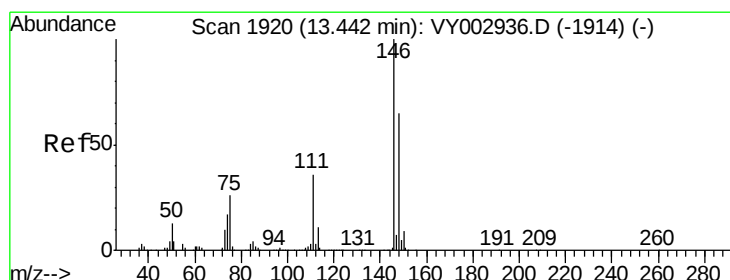
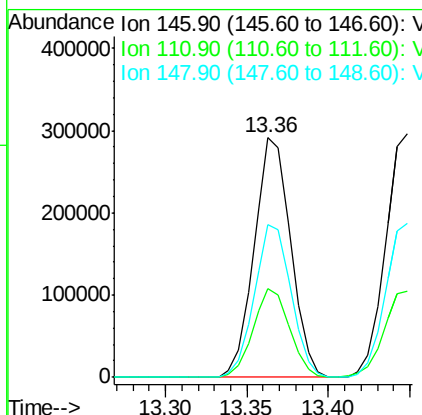
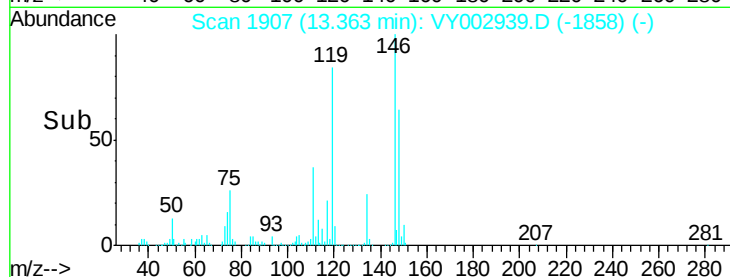
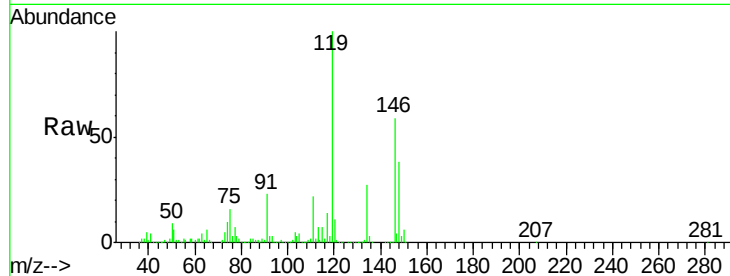
#87
 1,3-Dichlorobenzene
 Concen: 51.843 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	36.7	18.2	54.6	
148	64.1	31.9	95.7	

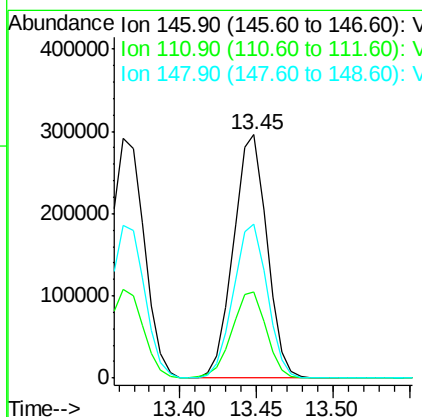
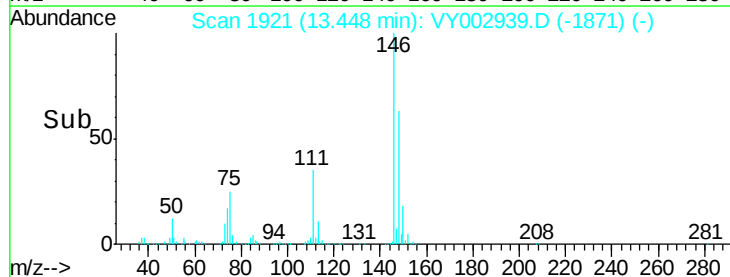
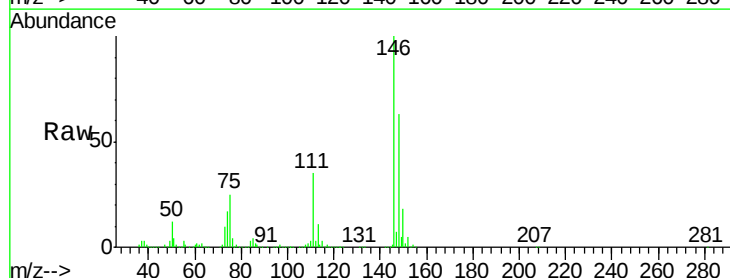
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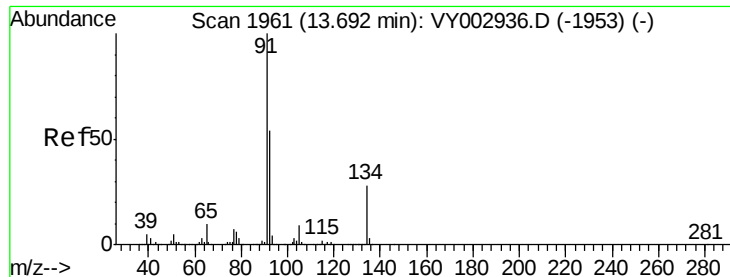
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#88
 1,4-Dichlorobenzene
 Concen: 51.410 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	36.5	17.9	53.8	
148	64.0	32.1	96.5	





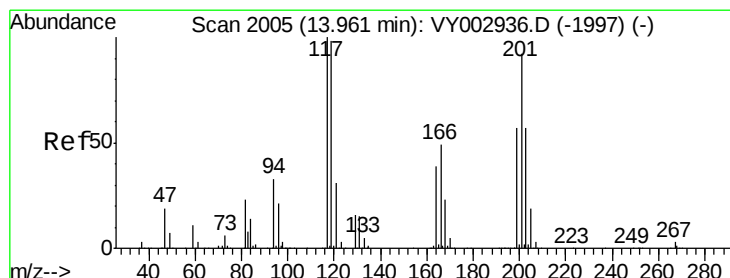
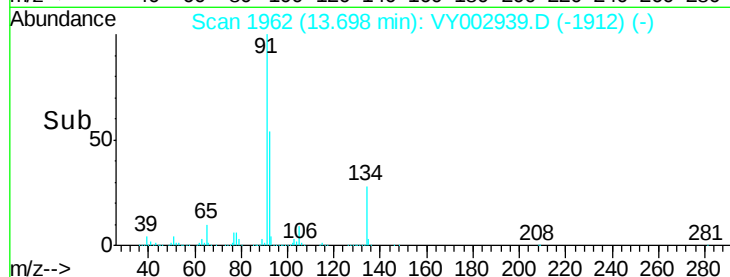
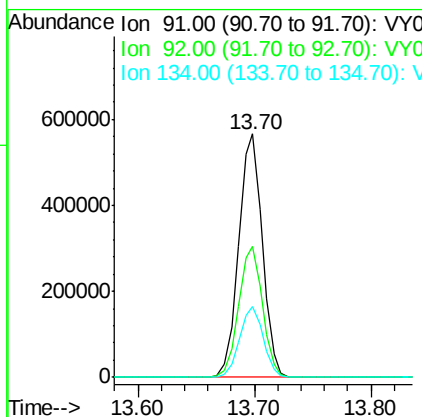
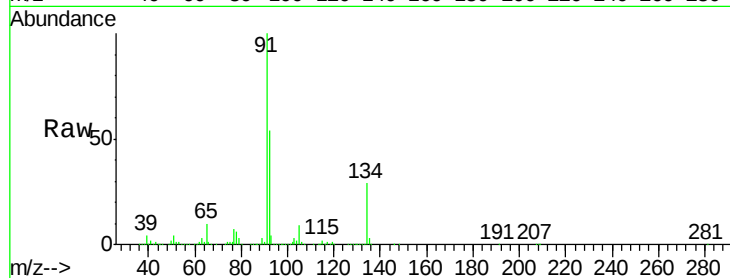
#89
n-Butylbenzene
Concen: 52.513 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.0	80.8
134	29.1	14.5	43.5

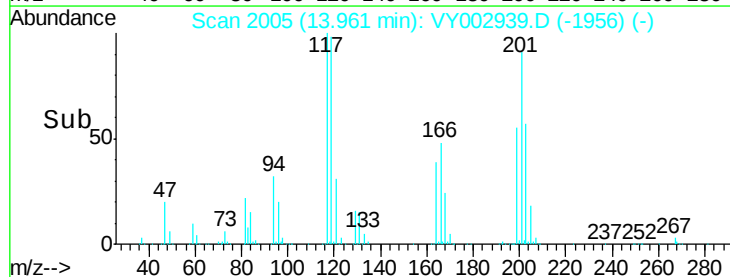
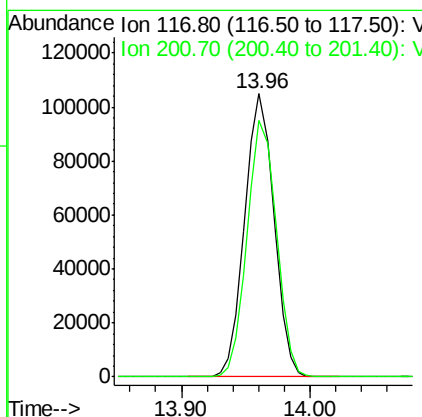
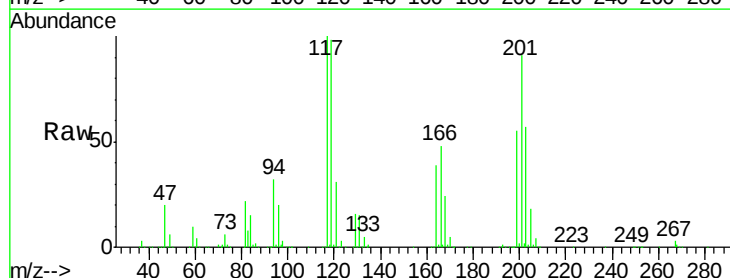
Manual Integrations
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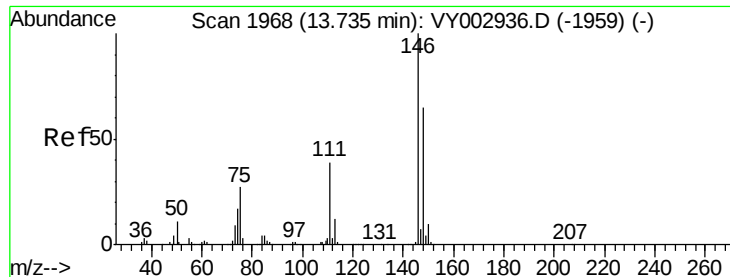
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#90
Hexachloroethane
Concen: 52.538 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	45.1	135.5





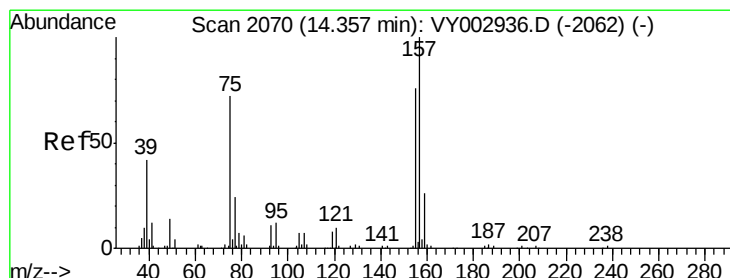
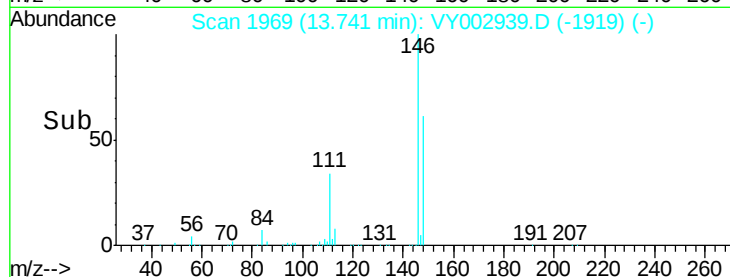
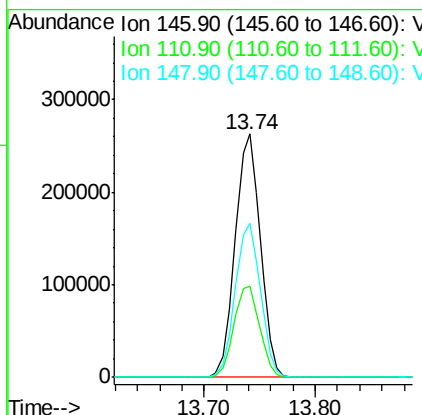
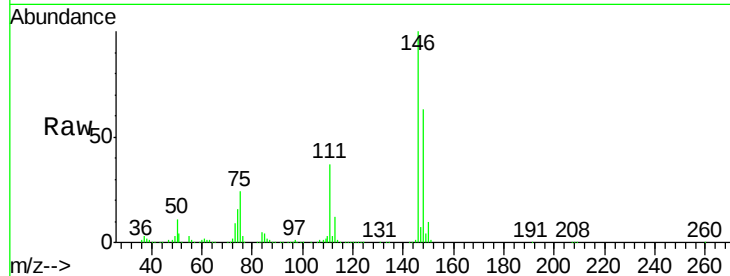
#91
 1,2-Dichlorobenzene
 Concen: 51.733 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.7	32.0	96.2

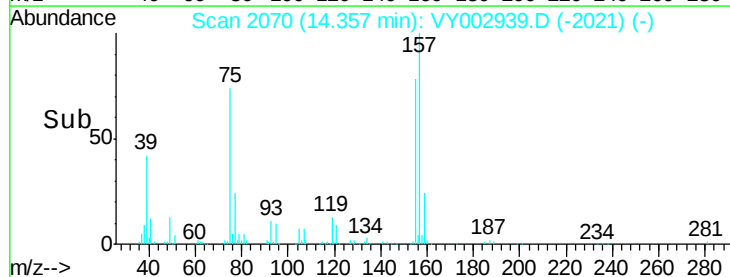
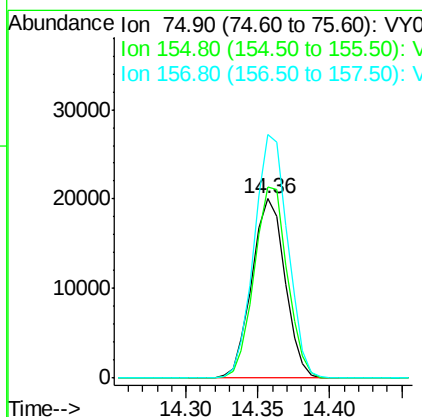
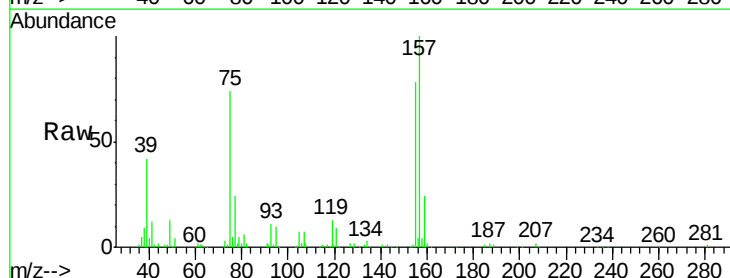
Manual Integrations
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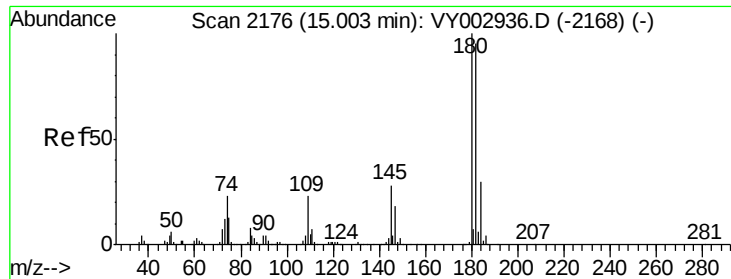
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.124 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.4	53.1	159.4
157	137.0	69.0	206.9





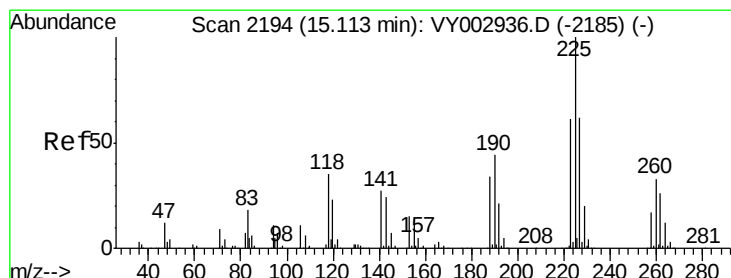
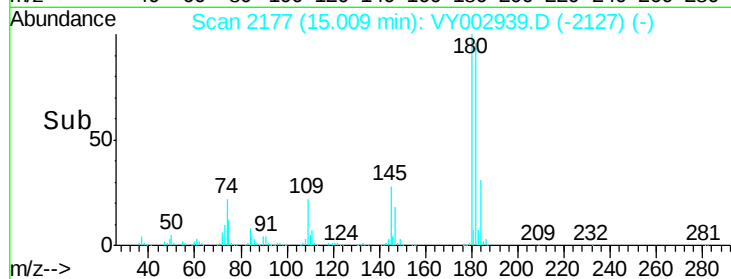
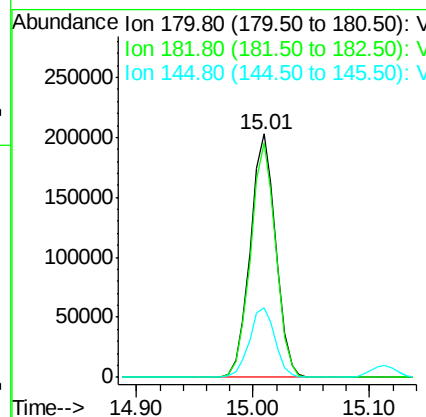
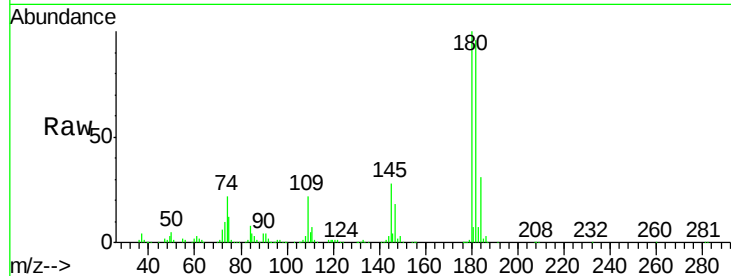
#93
 1,2,4-Trichlorobenzene
 Concen: 51.749 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.9	143.6	
145	28.8	14.1	42.3	

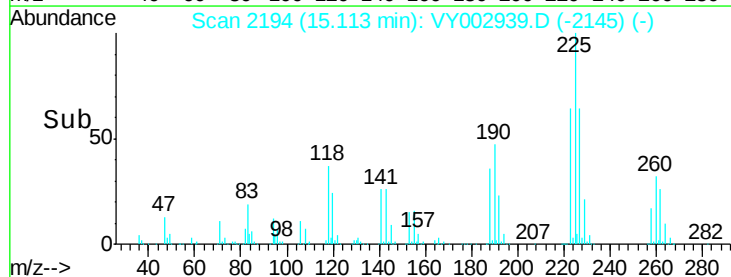
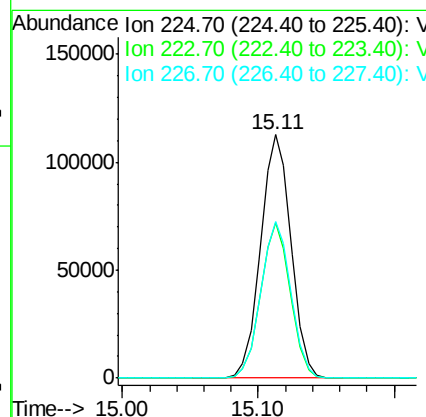
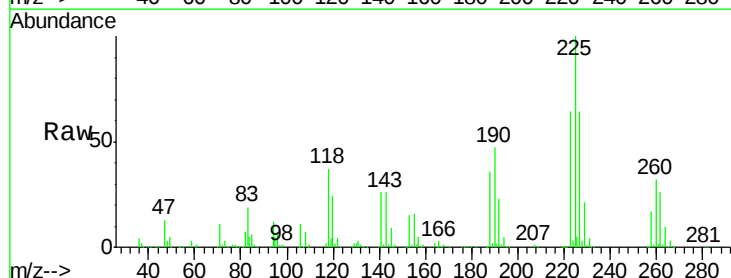
Manual Integrations
 APPROVED

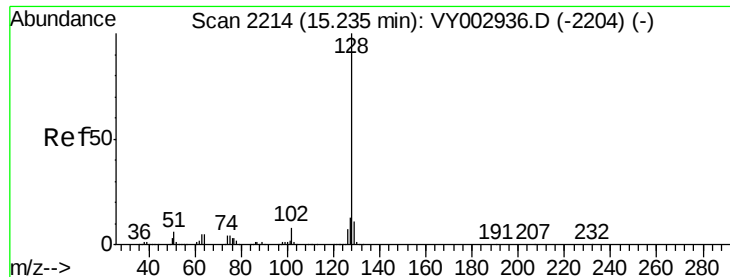
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 51.421 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	31.3	93.8	
227	63.5	31.9	95.7	





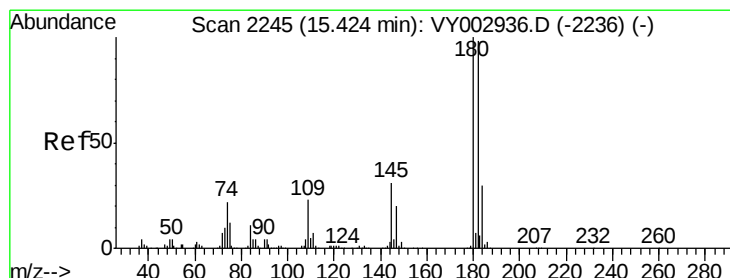
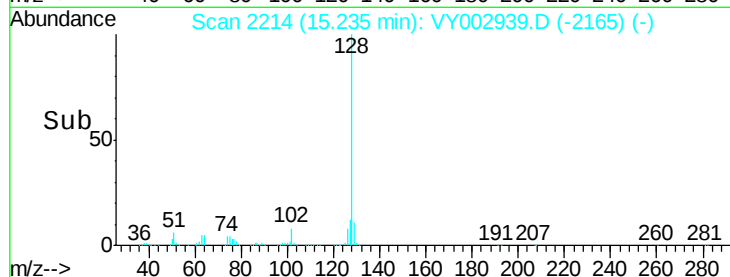
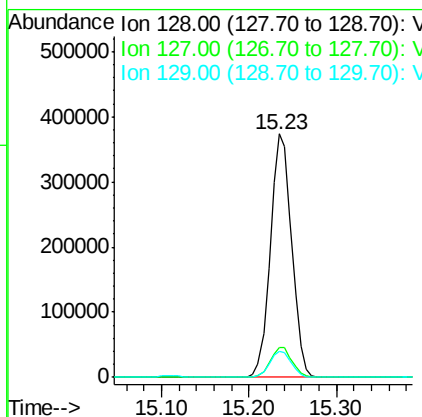
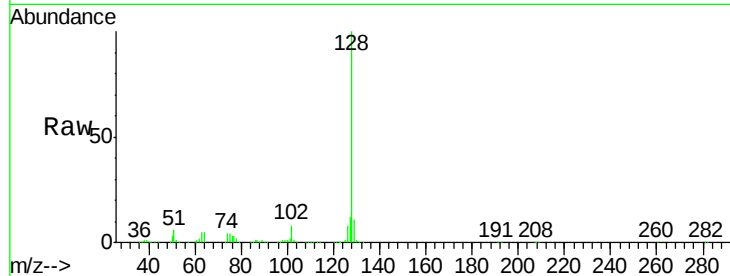
#95
Naphthalene
Concen: 53.160 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

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6/22/2020 2:07:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.667 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.3
145	30.7	15.0	45.0

