

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003563.D
 Acq On : 20 Nov 2020 12:44
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112020

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:39:34 PM

Quant Time: Nov 21 02:17:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	167495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	248773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	222414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	107799	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	84368	48.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.02%
35) Dibromofluoromethane	7.72	113	80033	48.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.88%
50) Toluene-d8	10.18	98	306130	48.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.28%
62) 4-Bromofluorobenzene	12.48	95	100907	50.00	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	27156	55.013	ug/l	90
3) Chloromethane	2.12	50	54919	47.265	ug/l	99
4) Vinyl Chloride	2.26	62	75528	50.246	ug/l	95
5) Bromomethane	2.66	94	57988	46.119	ug/l	96
6) Chloroethane	2.80	64	51109	48.484	ug/l	95
7) Trichlorofluoromethane	3.13	101	66925	50.472	ug/l	96
8) Diethyl Ether	3.53	74	45233	47.030	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	73895	48.550	ug/l	99
10) Methyl Iodide	4.10	142	122307	47.323	ug/l	100
11) Tert butyl alcohol	5.01	59	33093	251.761	ug/l #	100
12) 1,1-Dichloroethene	3.88	96	80351	48.722	ug/l	91
13) Acrolein	3.74	56	41726	251.456	ug/l	97
14) Allyl chloride	4.49	41	134922	48.803	ug/l	99
15) Acrylonitrile	5.18	53	111934	247.369	ug/l	99
16) Acetone	3.97	43	139625	240.448	ug/l	98
17) Carbon Disulfide	4.20	76	220247	46.393	ug/l	99
18) Methyl Acetate	4.49	43	60394	47.809	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	120960	49.415	ug/l	99
20) Methylene Chloride	4.72	84	94131	51.897	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	89617	48.601	ug/l	93
22) Diisopropyl ether	6.13	45	236795	49.970	ug/l	99
23) Vinyl Acetate	6.07	43	949264	257.714	ug/l	99
24) 1,1-Dichloroethane	6.03	63	153678	48.723	ug/l	99
25) 2-Butanone	7.00	43	179778	238.593	ug/l	97
26) 2,2-Dichloropropane	6.99	77	97448	47.246	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	98636	49.341	ug/l	98
28) Bromochloromethane	7.34	49	78895	51.098	ug/l	98
29) Tetrahydrofuran	7.36	42	99075	250.991	ug/l	99
30) Chloroform	7.51	83	151070	47.996	ug/l	94
31) Cyclohexane	7.79	56	116918	46.502	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	118861	48.869	ug/l	99
36) 1,1-Dichloropropene	7.92	75	118775	48.496	ug/l	100
37) Ethyl Acetate	7.08	43	76705	51.972	ug/l	100
38) Carbon Tetrachloride	7.91	117	112025	49.377	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	125514	50.428	ug/l	98
40) Benzene	8.16	78	348869	48.052	ug/l	98
41) Methacrylonitrile	7.33	41	43068	49.357	ug/l #	92
42) 1,2-Dichloroethane	8.24	62	100017	48.426	ug/l	99
43) Isopropyl Acetate	8.28	43	133544	49.278	ug/l	98
44) Trichloroethene	8.94	130	95880	48.466	ug/l	97
45) 1,2-Dichloropropane	9.22	63	88412	49.126	ug/l	97
46) Dibromomethane	9.31	93	49106	47.913	ug/l	99
47) Bromodichloromethane	9.50	83	116534	47.870	ug/l	98
48) Methyl methacrylate	9.29	41	64150	49.451	ug/l	99
49) 1,4-Dioxane	9.33	88	11874	1011.143	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	332255	255.812	ug/l	99
52) Toluene	10.24	92	215892	48.566	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	128496	50.432	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	145917	50.317	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	69372	47.721	ug/l	95
56) Ethyl methacrylate	10.51	69	91509	51.800	ug/l	99
57) 1,3-Dichloropropane	10.79	76	120684	49.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	226578	249.924	ug/l	99
59) 2-Hexanone	10.83	43	272439	254.450	ug/l	99
60) Dibromochloromethane	10.99	129	86839	49.406	ug/l	97
61) 1,2-Dibromoethane	11.09	107	68855	49.151	ug/l	98
64) Tetrachloroethene	10.72	164	78120	47.022	ug/l	94
65) Chlorobenzene	11.52	112	232219	48.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	67169	48.646	ug/l	100
67) Ethyl Benzene	11.59	91	388645	49.289	ug/l	100
68) m/p-Xylenes	11.70	106	298168	98.753	ug/l	99
69) o-Xylene	12.03	106	117348	48.588	ug/l	99
70) Styrene	12.04	104	244859	50.303	ug/l	99
71) Bromoform	12.20	173	54664	49.024	ug/l #	99
73) Isopropylbenzene	12.33	105	258326	48.109	ug/l	100
74) N-amyl acetate	12.14	43	109761	51.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	73207	48.995	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	49170m	47.048	ug/l	
77) Bromobenzene	12.61	156	97516	49.361	ug/l	98
78) n-propylbenzene	12.67	91	372213	49.341	ug/l	99
79) 2-Chlorotoluene	12.75	91	213099	48.939	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	194767	48.260	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	32612	49.606	ug/l	97
82) 4-Chlorotoluene	12.85	91	268174	50.267	ug/l	100
83) tert-Butylbenzene	13.07	119	199603	48.861	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	214709	49.966	ug/l	98
85) sec-Butylbenzene	13.25	105	220654	47.719	ug/l	99
86) p-Isopropyltoluene	13.36	119	201147	48.481	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	176445	49.065	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	180631	49.014	ug/l	99
89) n-Butylbenzene	13.69	91	223206	50.278	ug/l	99
90) Hexachloroethane	13.95	117	54764	49.919	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	138227	48.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9511	48.871	ug/l	97

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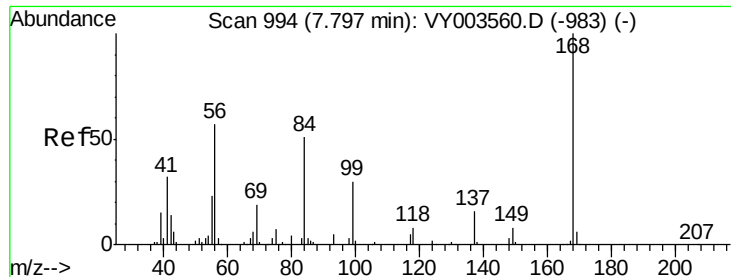
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	78823	48.964	ug/l	98
94) Hexachlorobutadiene	15.11	225	43709	49.058	ug/l	98
95) Naphthalene	15.23	128	141034	51.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	58358	49.314	ug/l	98

(#) = 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: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

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ClientSampleId :

ICVVY112020

Tot Ion:168 Resp: 167495

Ion Ratio Lower Upper

168 100

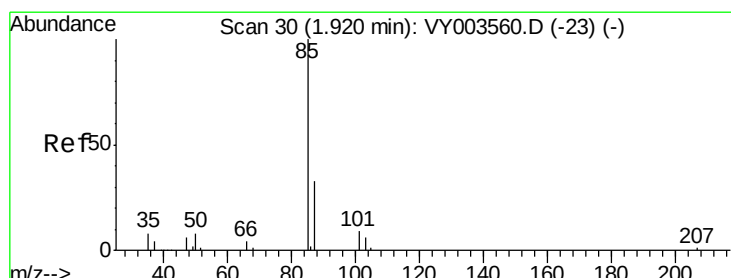
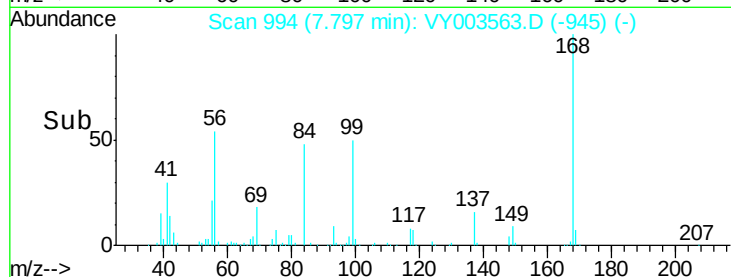
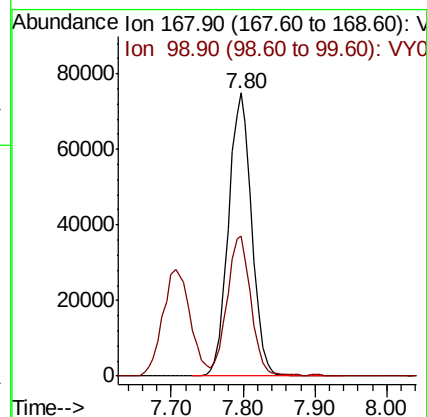
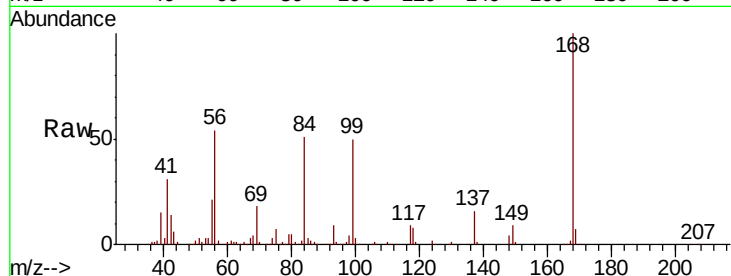
99 49.3 37.6 56.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 55.013 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY003563.D

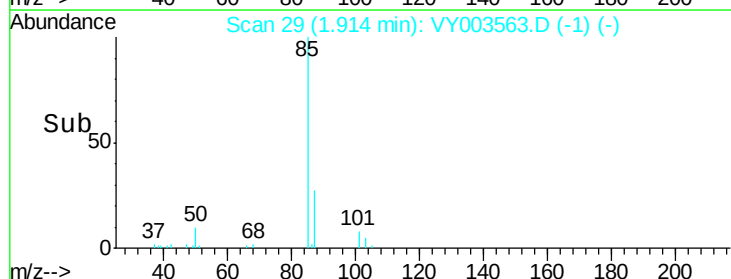
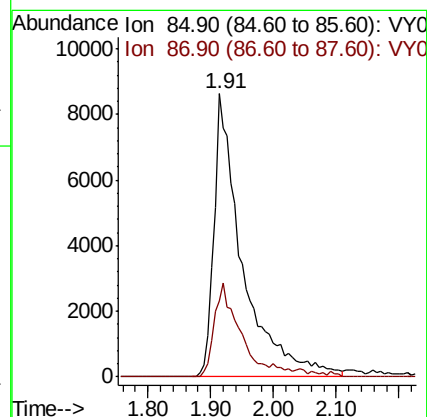
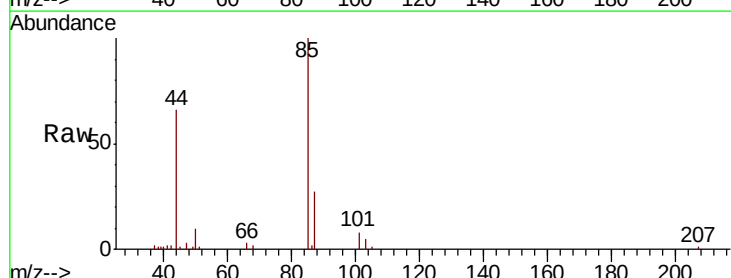
Acq: 20 Nov 2020 12:44

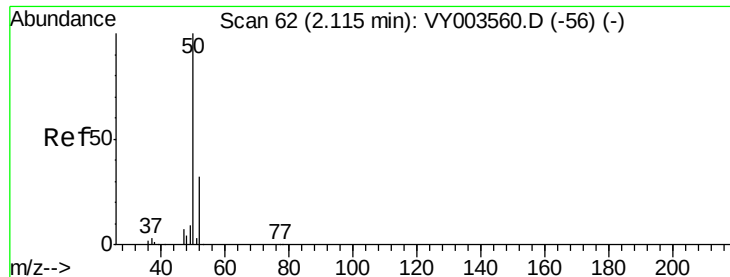
Tgt Ion: 85 Resp: 27156

Ion Ratio Lower Upper

85 100

87 27.1 16.5 49.5





#3

Chloromethane

Concen: 47.265 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112020

Tot Ion: 50 Resp: 54919

Ion Ratio Lower Upper

50 100

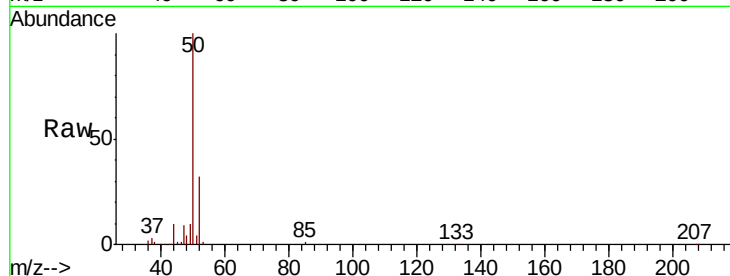
52 31.8 25.8 38.6

Manual Integrations

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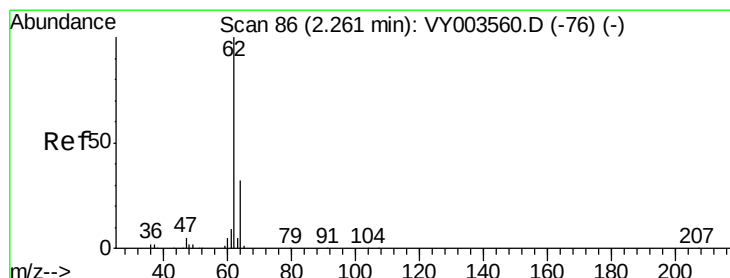
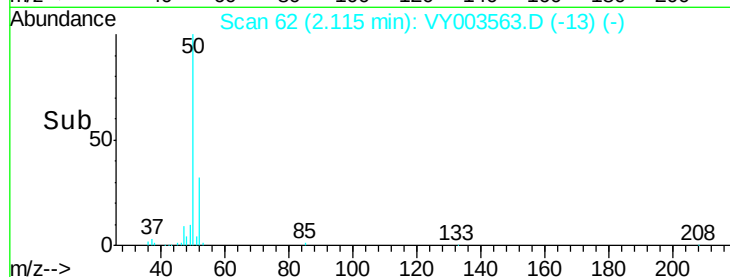
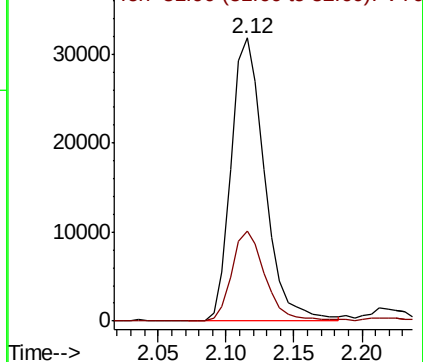
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.246 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003563.D

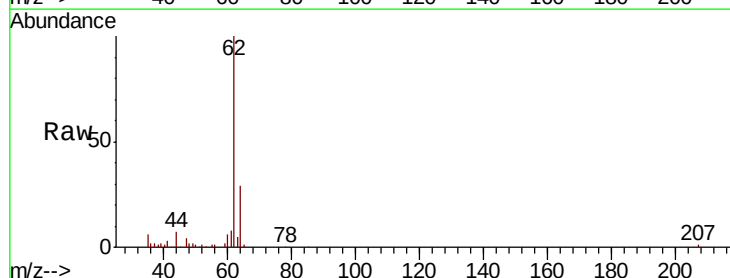
Acq: 20 Nov 2020 12:44

Tgt Ion: 62 Resp: 75528

Ion Ratio Lower Upper

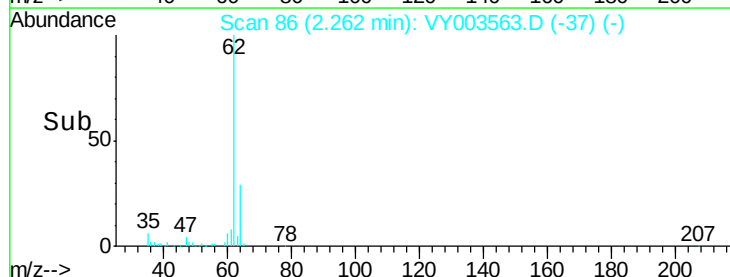
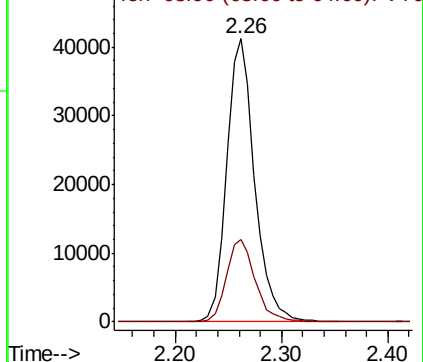
62 100

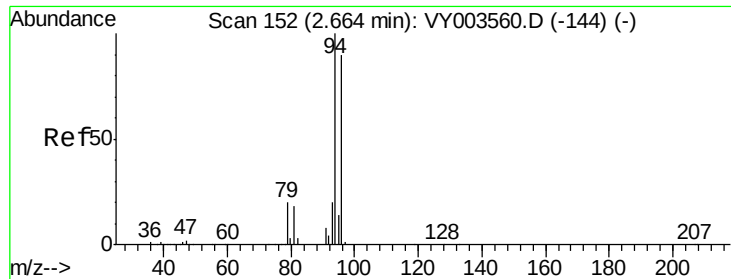
64 29.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.119 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112020

Tot Ion: 94 Resp: 57988

Ion Ratio Lower Upper

94 100

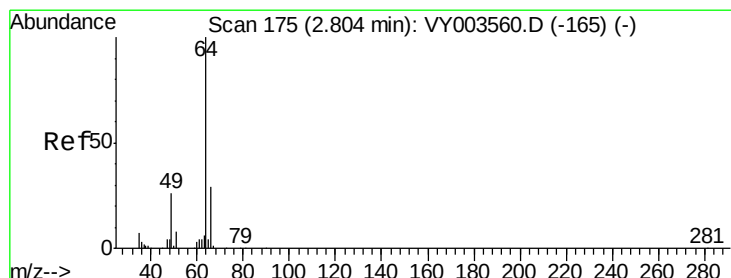
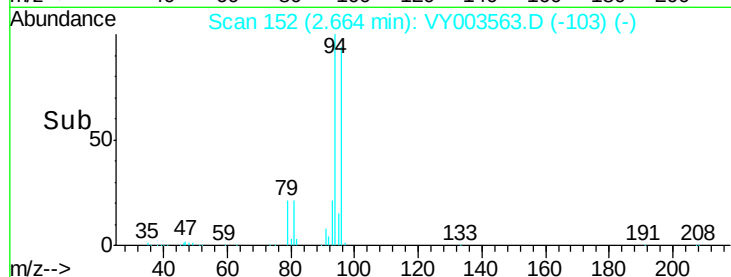
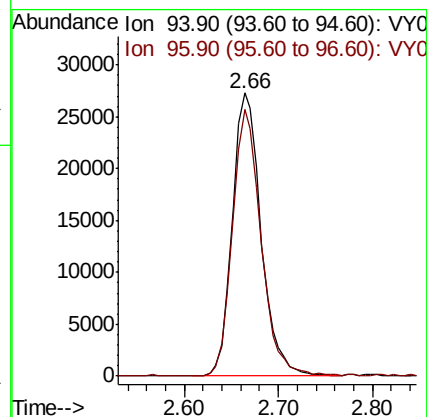
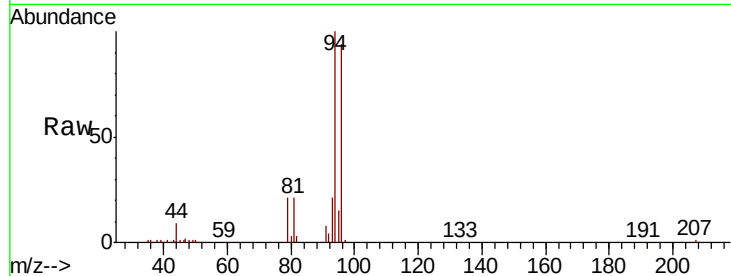
96 93.7 71.9 107.9

Manual Integrations

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#6

Chloroethane

Concen: 48.484 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY003563.D

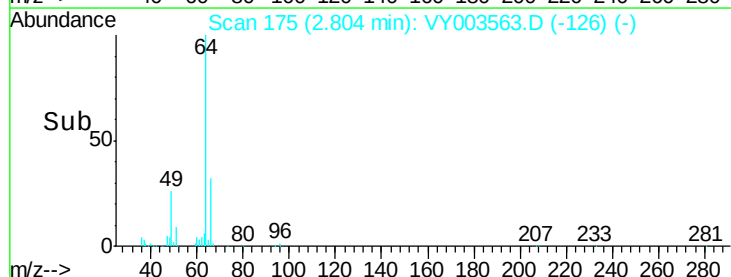
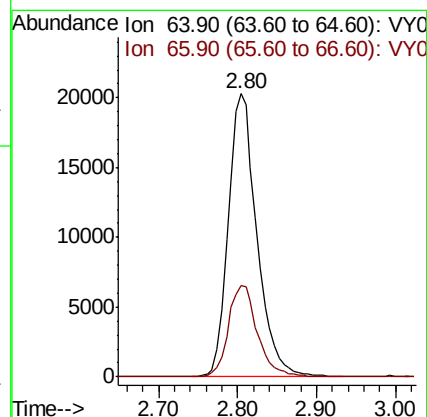
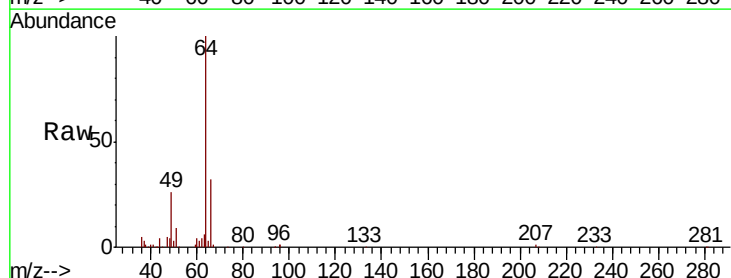
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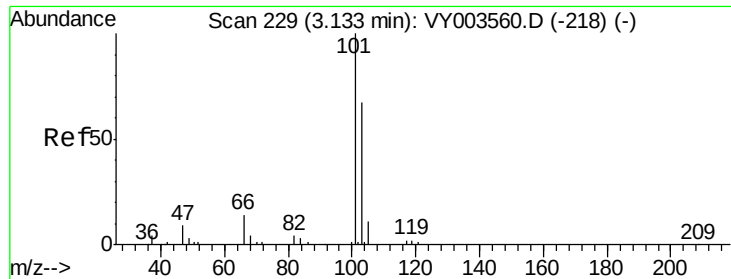
Tgt Ion: 64 Resp: 51109

Ion Ratio Lower Upper

64 100

66 32.4 23.6 35.4





#7

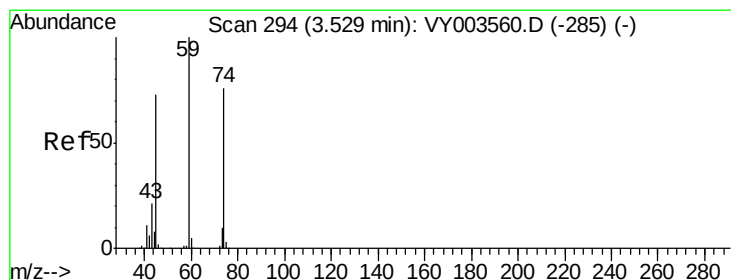
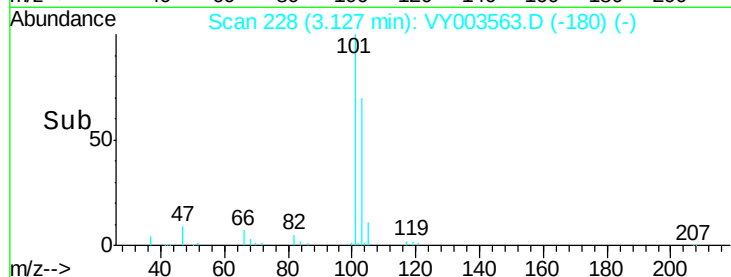
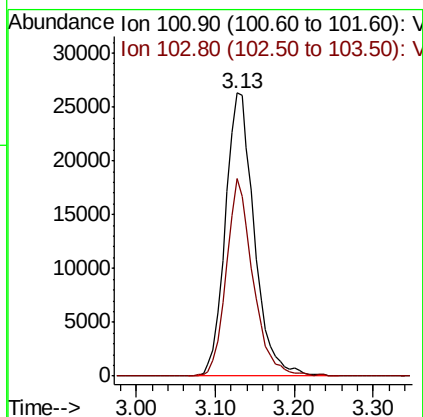
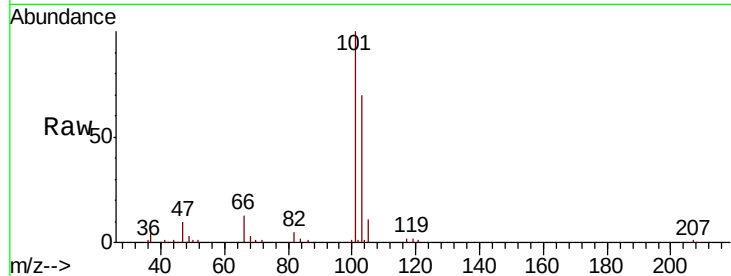
Trichlorofluoromethane
Concen: 50.472 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003563.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		66925		
103	69.8	53.3	79.9		

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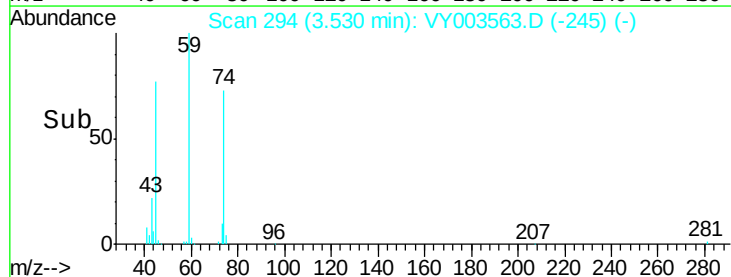
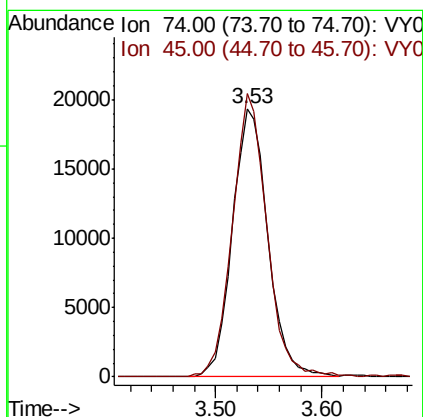
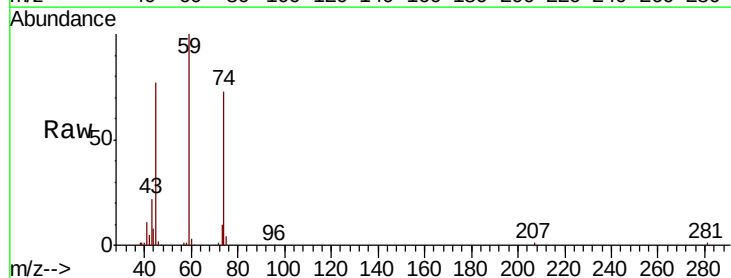
MMDadoda
11/23/2020 1:39:34 PM

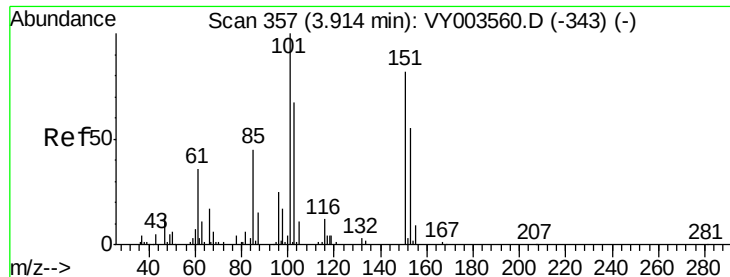


#8

Diethyl Ether
Concen: 47.030 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		45233		
45	103.0	51.0	153.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.550 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

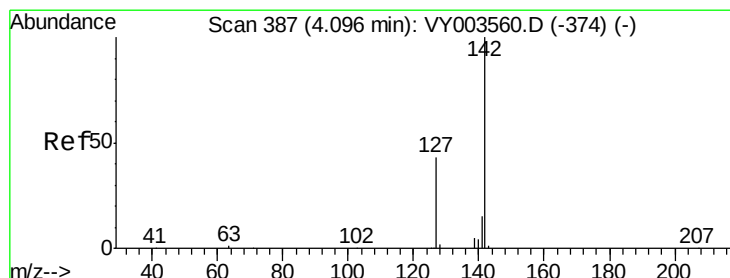
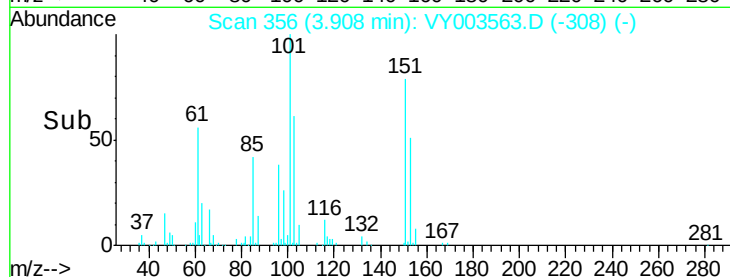
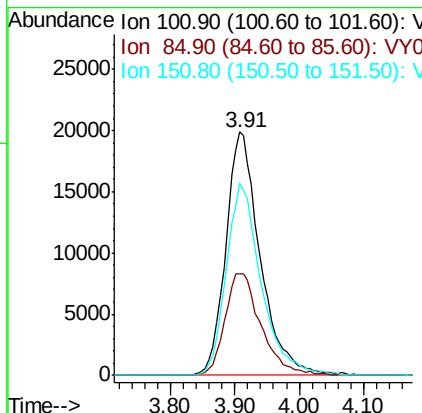
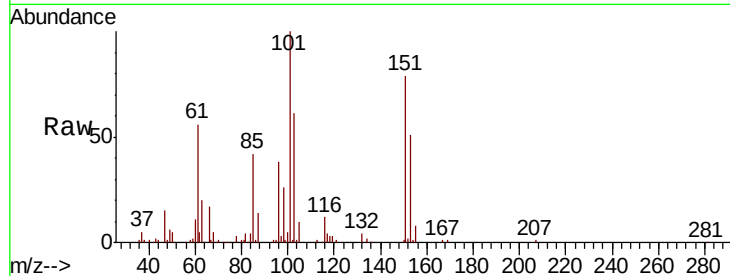
ClientSampleId :

ICVY112020

Tot Ion:	101	Resp:	73895
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.9	53.9
151	80.5	65.4	98.0

Manual Integrations
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#10

Methyl Iodide

Concen: 47.323 ug/l

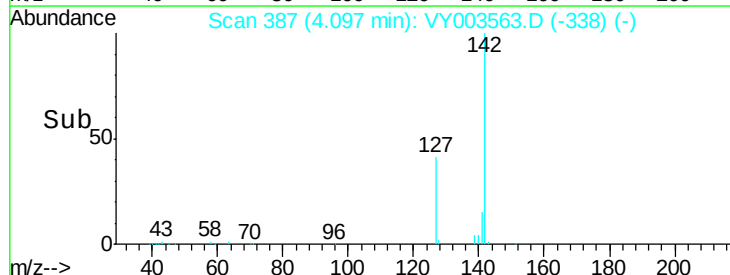
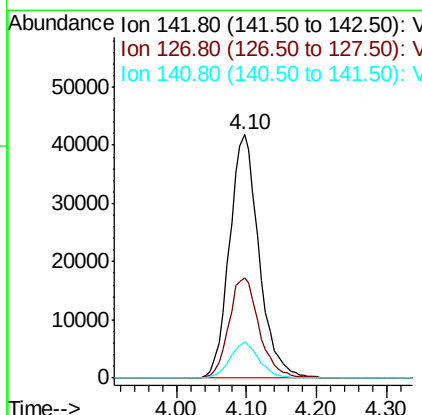
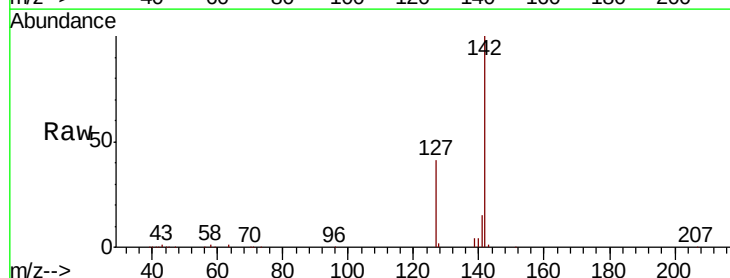
RT: 4.10 min Scan# 387

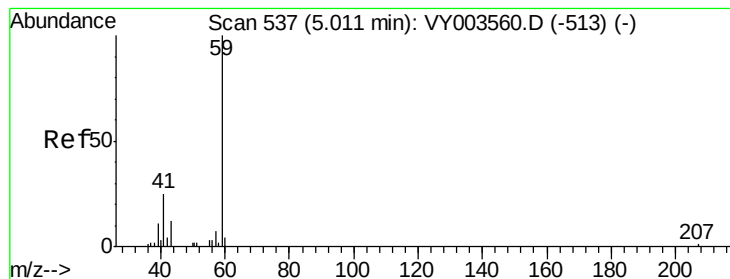
Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:	142	Resp:	122307
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.2	51.2
141	14.5	11.5	17.3





#11

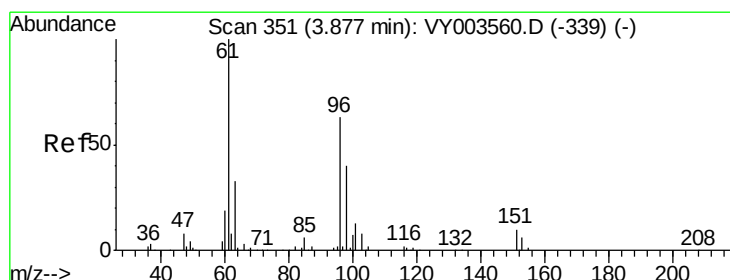
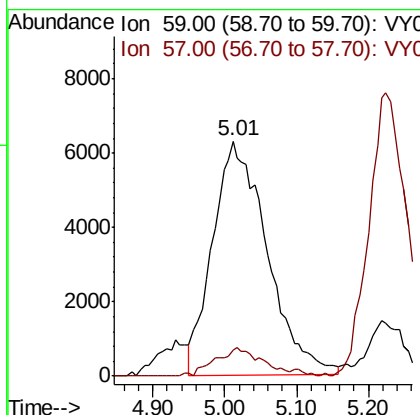
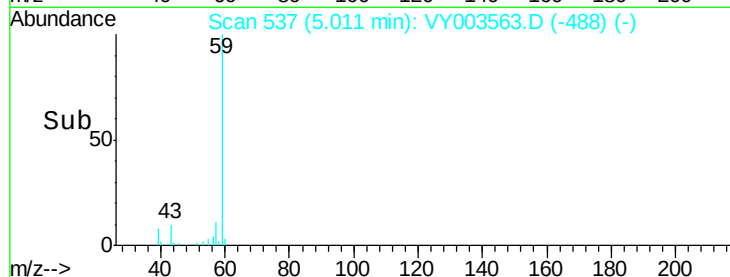
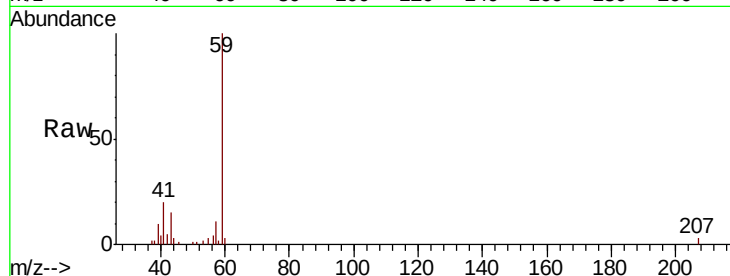
Tert butyl alcohol
Concen: 251.761 ug/l
RT: 5.01 min Scan# 537
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

Tot Ion: 59 Resp: 33093
Ion Ratio Lower Upper
59 100
57 10.2 0.0 0.0#

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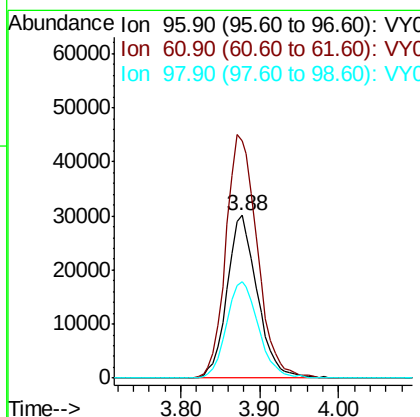
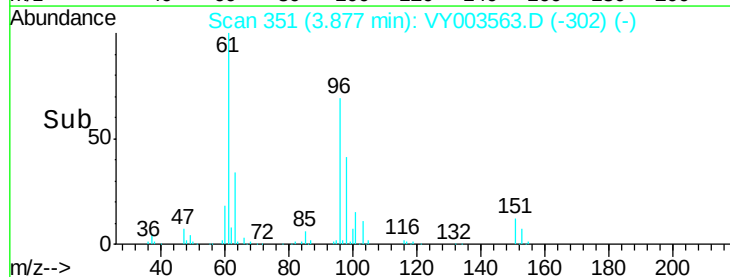
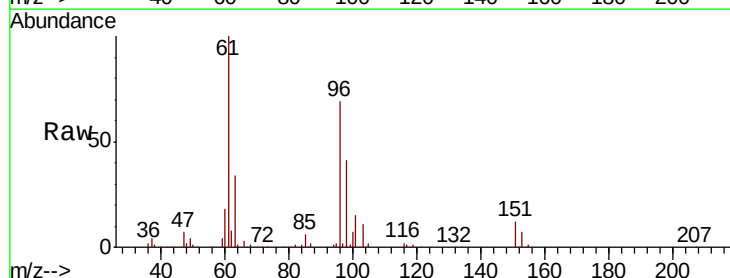
MMDadoda
11/23/2020 1:39:34 PM

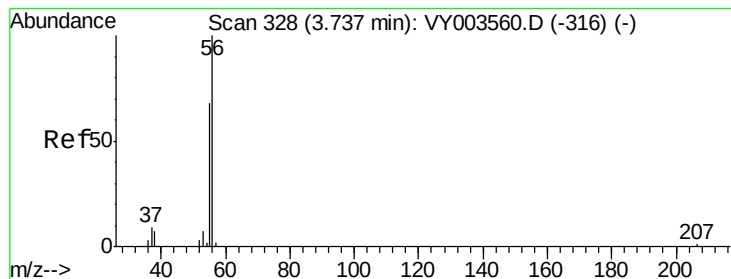


#12

1,1-Dichloroethene
Concen: 48.722 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 96 Resp: 80351
Ion Ratio Lower Upper
96 100
61 145.6 127.3 190.9
98 59.3 50.6 76.0





#13

Acrolein

Concen: 251.456 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112020

Tot Ion: 56 Resp: 41726

Ion Ratio Lower Upper

56 100

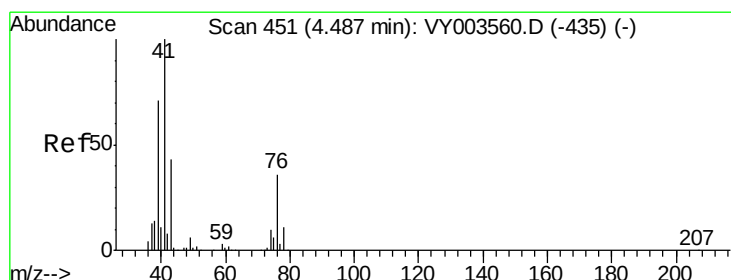
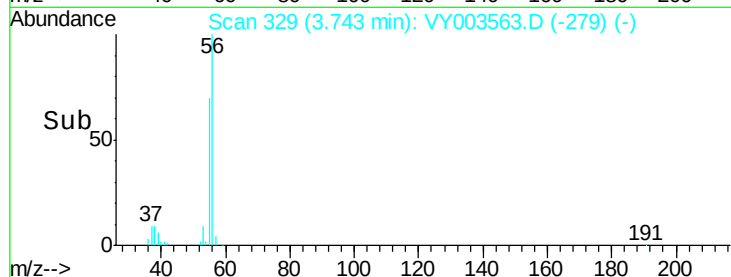
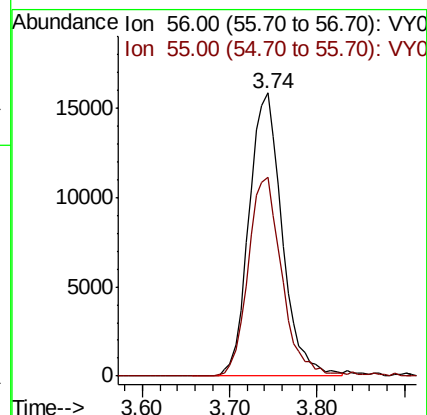
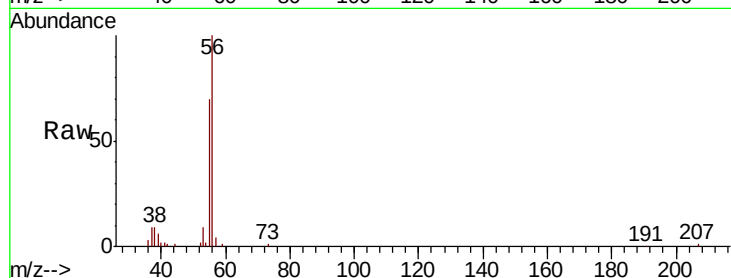
55 70.9 54.6 81.8

Manual Integrations

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#14

Allyl chloride

Concen: 48.803 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

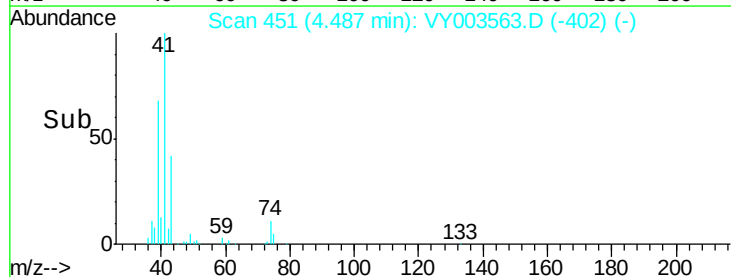
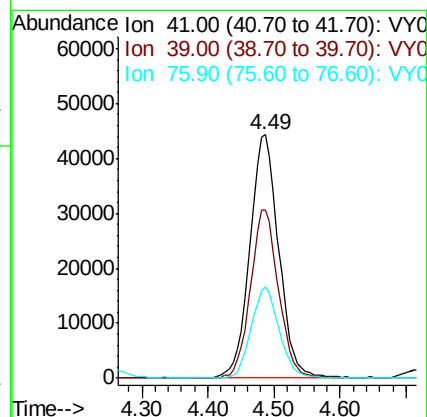
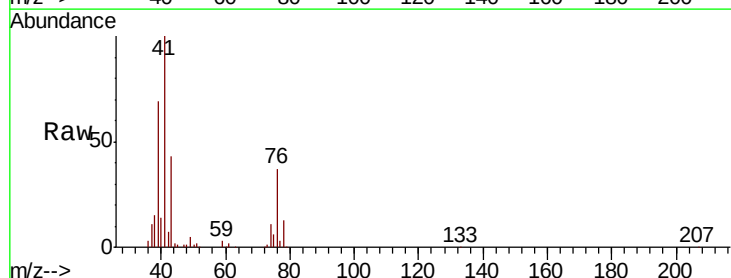
Tgt Ion: 41 Resp: 134922

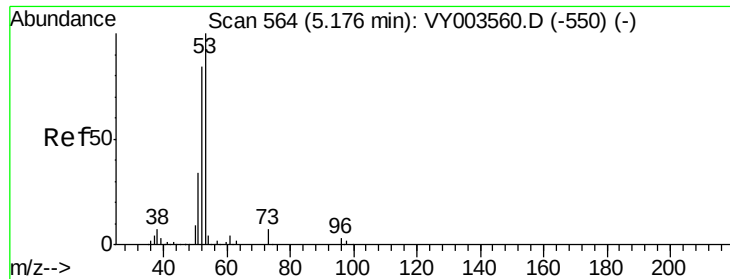
Ion Ratio Lower Upper

41 100

39 67.1 54.2 81.2

76 36.3 28.9 43.3





#15

Acrylonitrile

Concen: 247.369 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

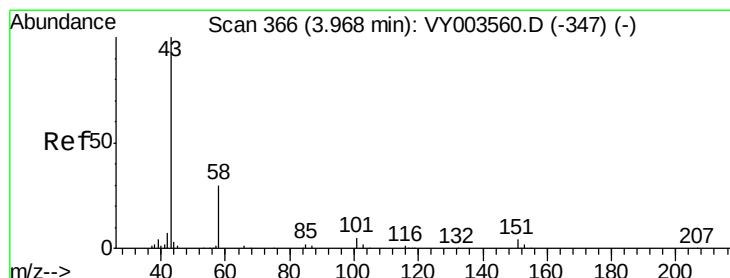
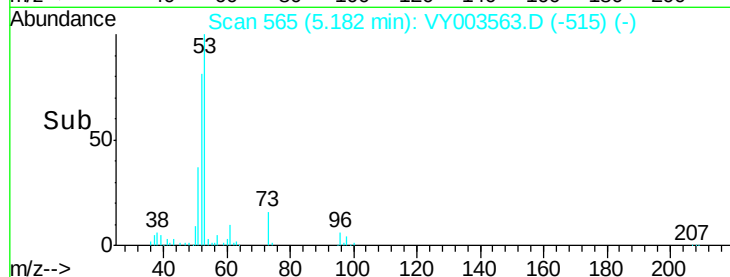
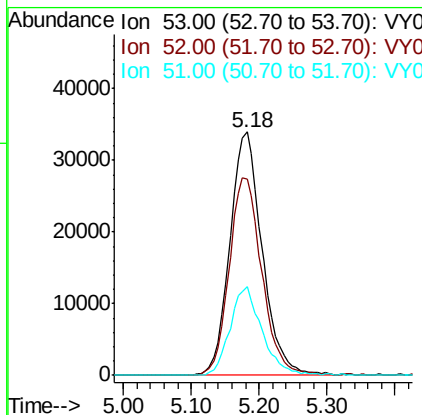
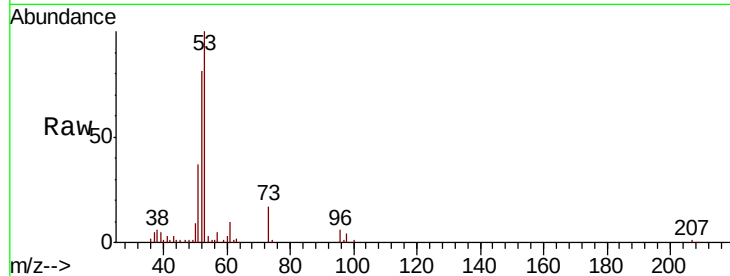
ClientSampleId :

ICVVY112020

Tot Ion:	53	Resp:	111934
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.4	99.6
51	36.1	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 240.448 ug/l

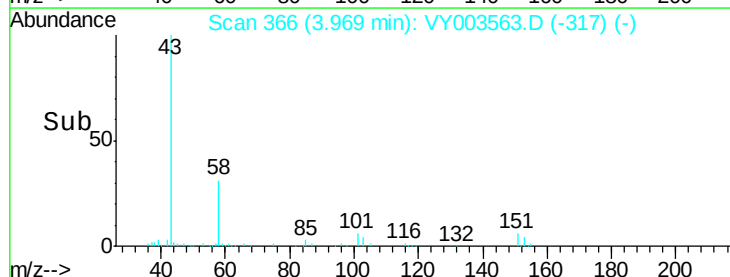
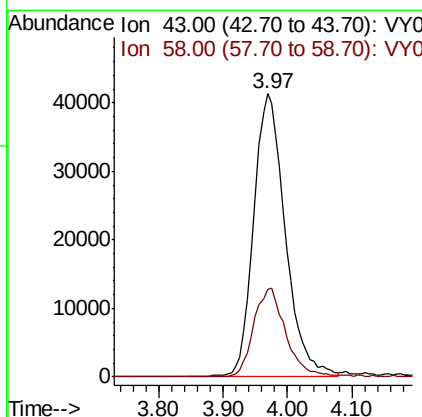
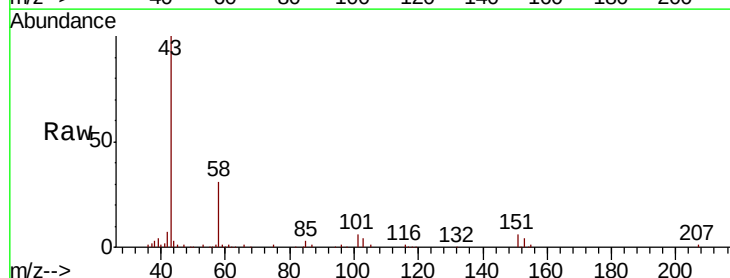
RT: 3.97 min Scan# 366

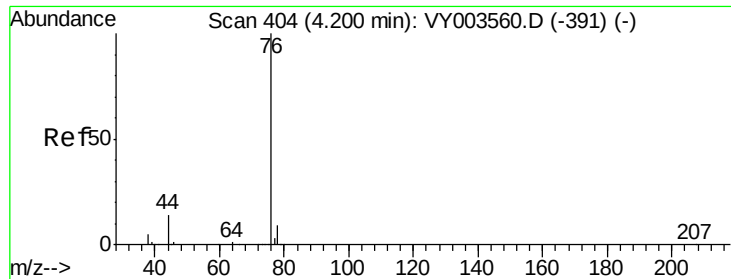
Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:	43	Resp:	139625
Ion	Ratio	Lower	Upper
43	100		
58	31.2	23.8	35.8





#17

Carbon Disulfide

Concen: 46.393 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112020

Tot Ion: 76 Resp: 220247

Ion Ratio Lower Upper

76 100

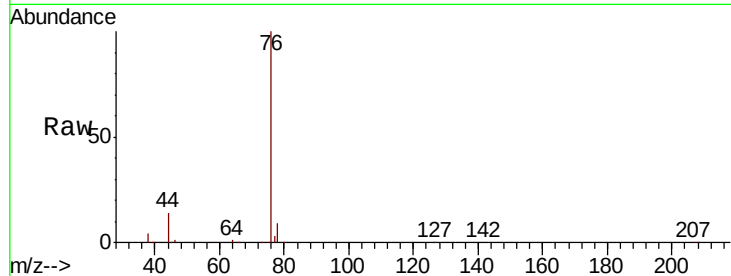
78 9.2 7.1 10.7

Manual Integrations

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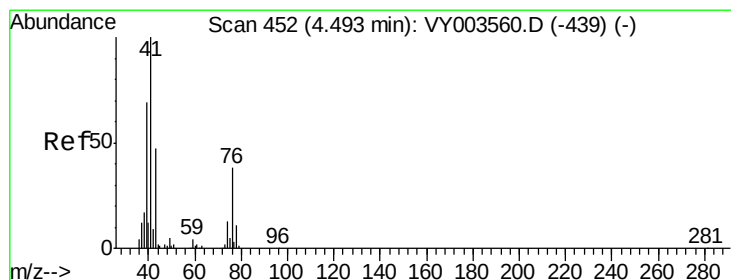
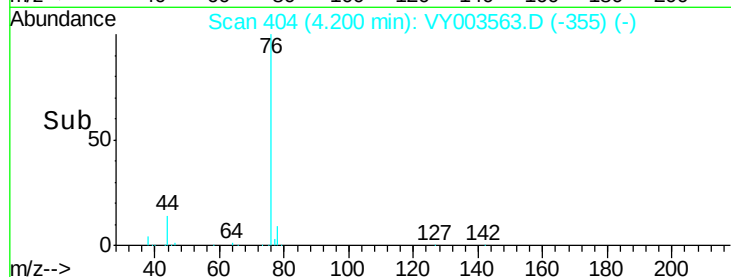
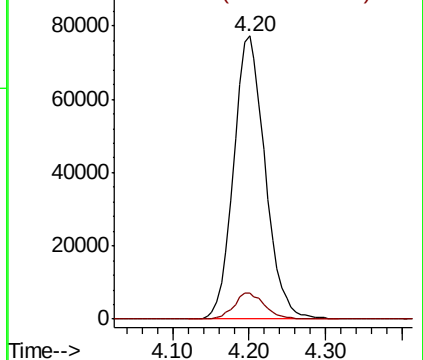
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 47.809 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003563.D

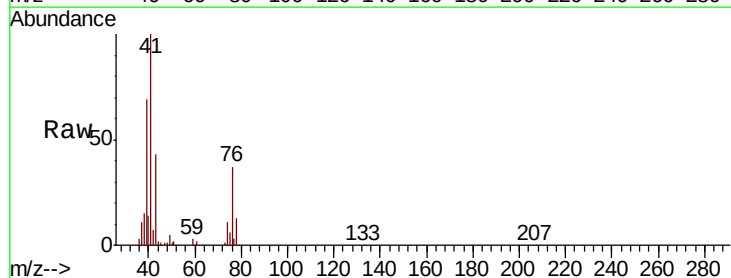
Acq: 20 Nov 2020 12:44

Tgt Ion: 43 Resp: 60394

Ion Ratio Lower Upper

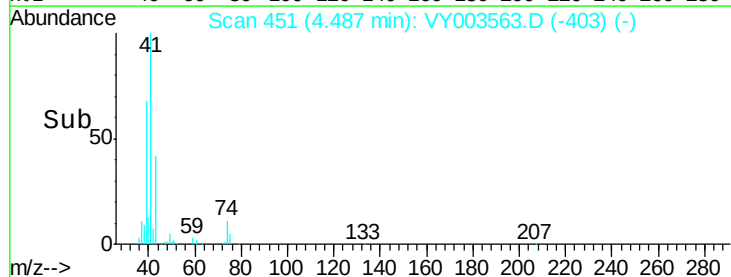
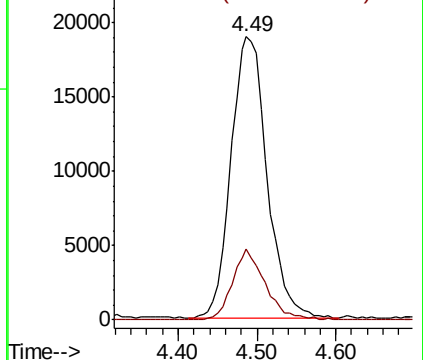
43 100

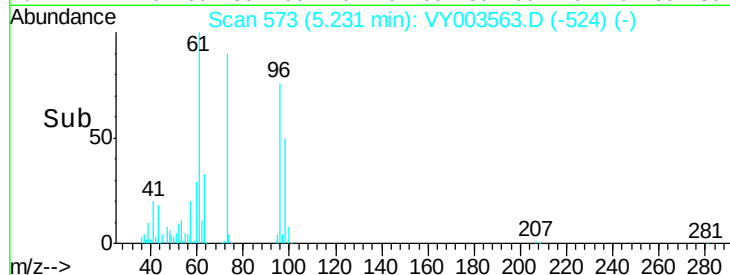
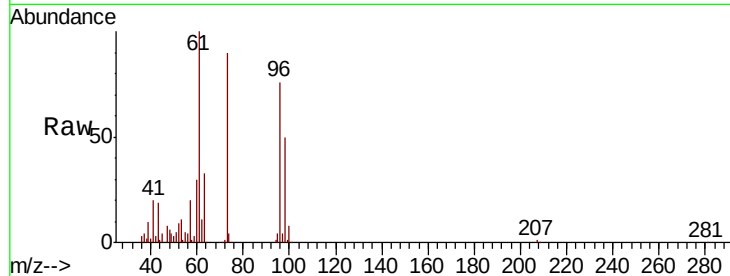
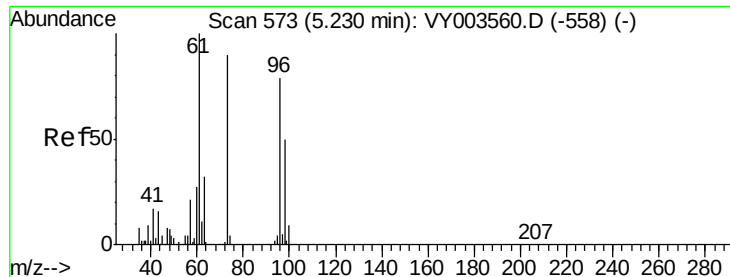
74 22.7 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





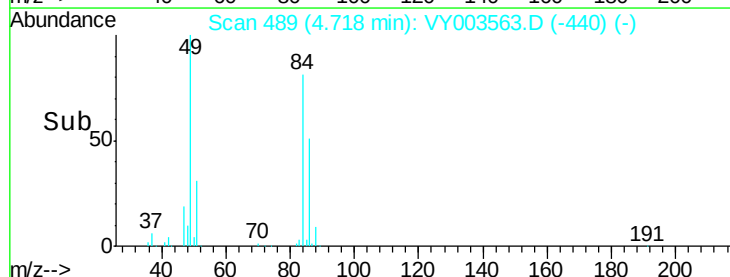
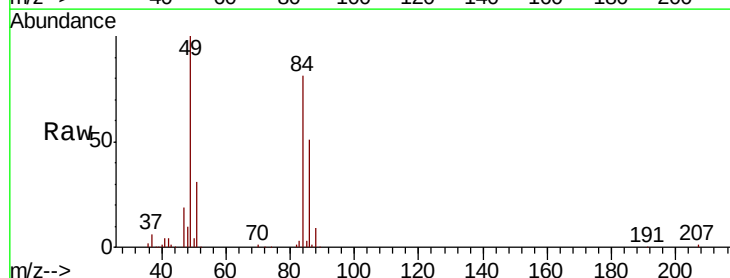
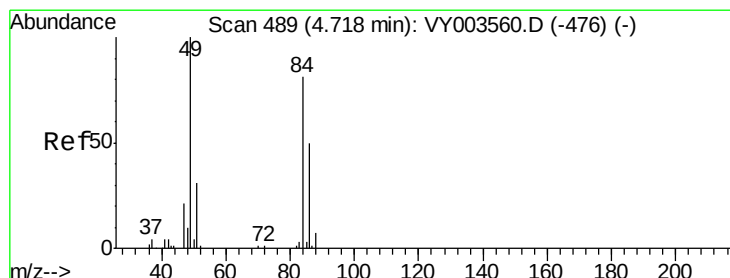
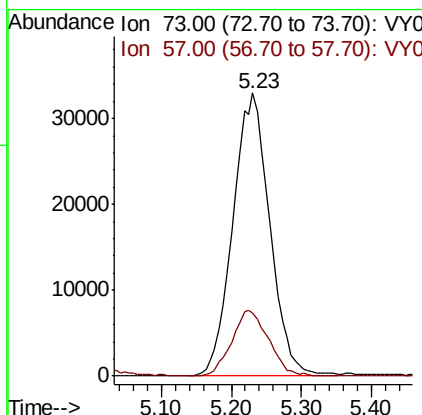
#19
Methyl tert-butyl Ether
Concen: 49.415 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tot Ion: 73 Resp: 120960
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.2

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

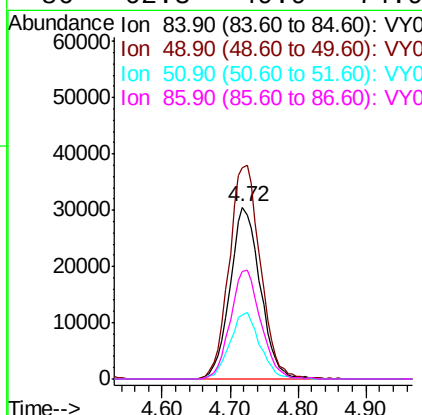
Manual Integrations
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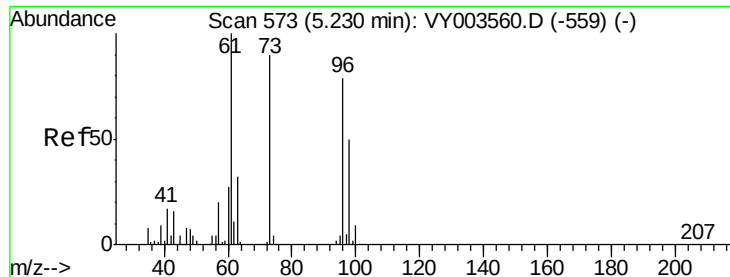
MMDadoda
11/23/2020 1:39:34 PM



#20
Methylene Chloride
Concen: 51.897 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 84 Resp: 94131
Ion Ratio Lower Upper
84 100
49 123.1 99.0 148.6
51 37.6 30.5 45.7
86 62.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.601 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

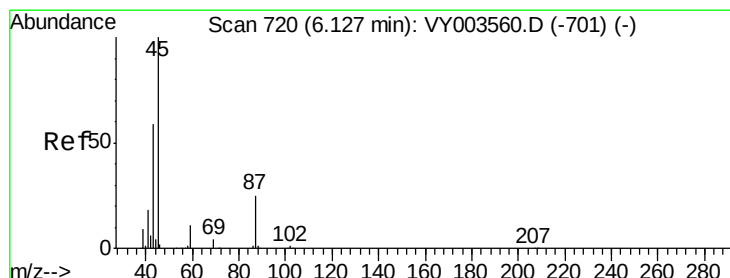
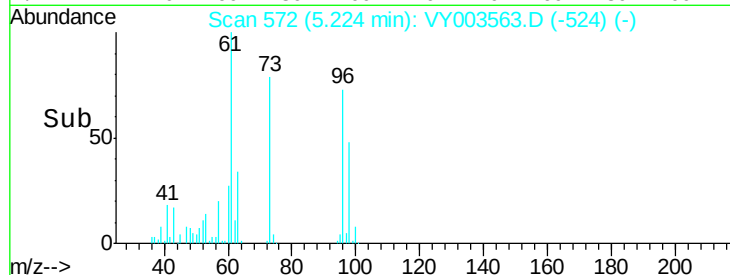
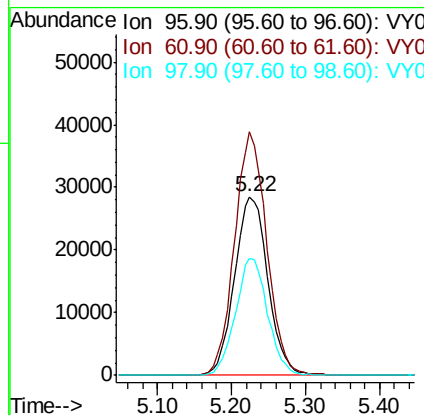
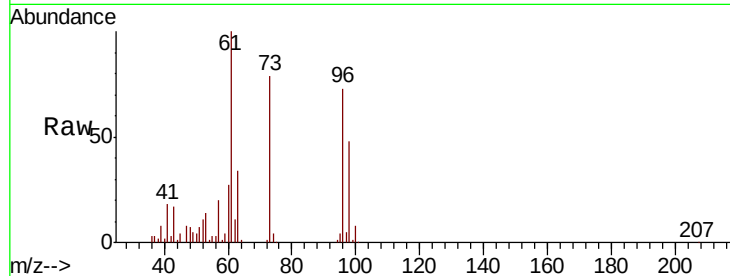
ClientSampleId :

ICVVY112020

Tot Ion:	96	Resp:	89617
Ion	Ratio	Lower	Upper
96	100		
61	136.2	101.0	151.4
98	65.1	50.2	75.2

Manual Integrations
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11/23/2020 1:39:34 PM



#22

Diisopropyl ether

Concen: 49.970 ug/l

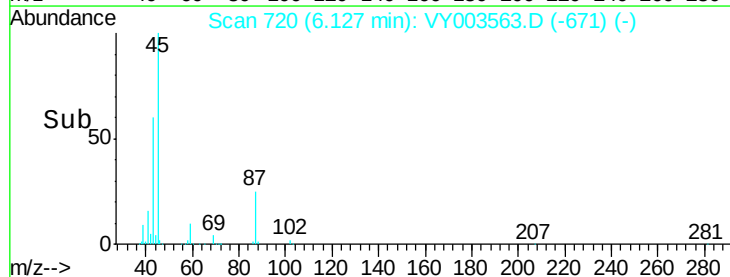
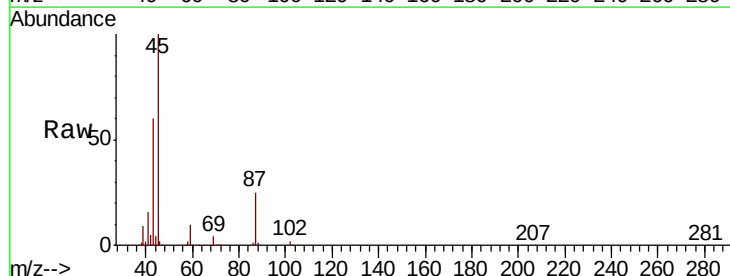
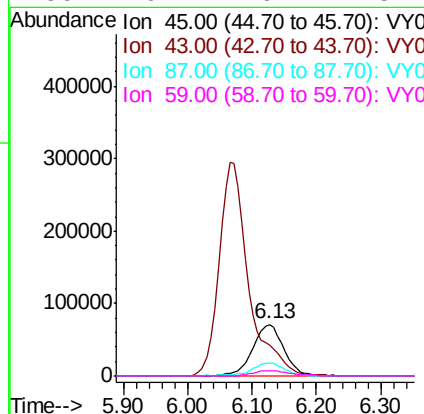
RT: 6.13 min Scan# 720

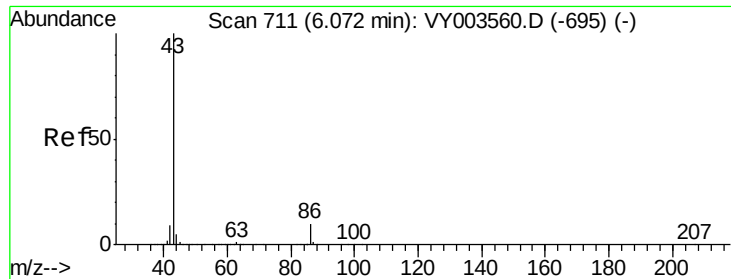
Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:	45	Resp:	236795
Ion	Ratio	Lower	Upper
45	100		
43	59.5	48.1	72.1
87	24.9	20.3	30.5
59	10.2	9.1	13.7





#23

Vinyl Acetate

Concen: 257.714 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVY112020

Tot Ion: 43 Resp: 949264

Ion Ratio Lower Upper

43 100

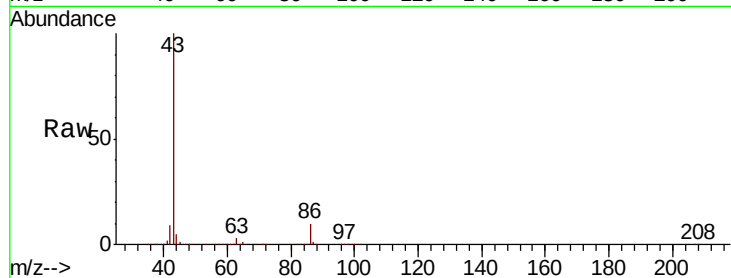
86 10.2 8.0 12.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

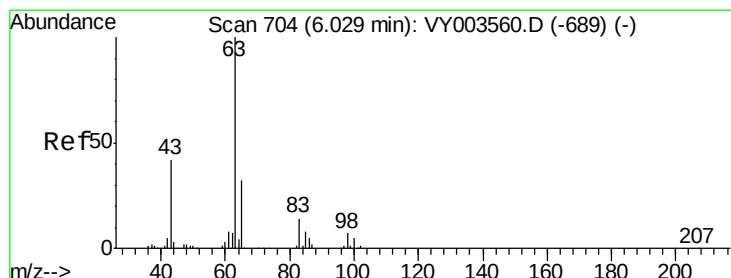
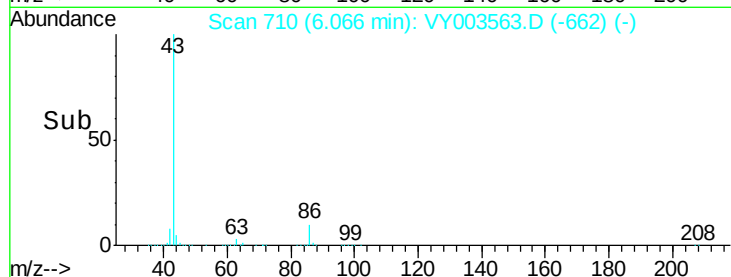
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.723 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

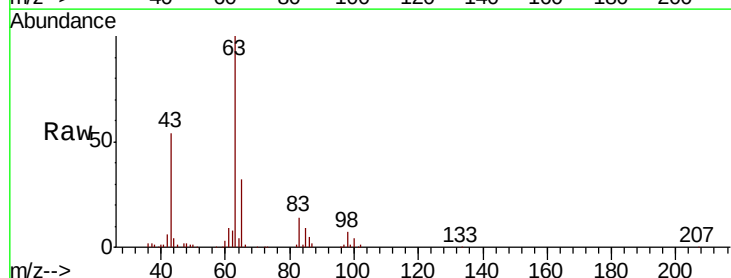
Tgt Ion: 63 Resp: 153678

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.1 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

60000

50000

40000

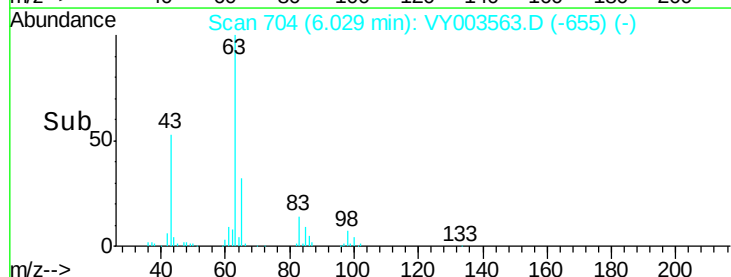
30000

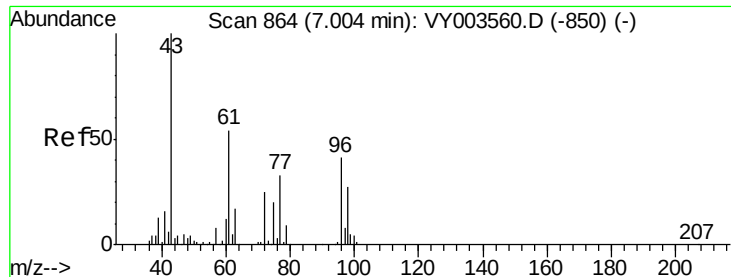
20000

10000

0

Time-->





#25

2-Butanone

Concen: 238.593 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVY112020

Tot Ion: 43 Resp: 179778

Ion Ratio Lower Upper

43 100

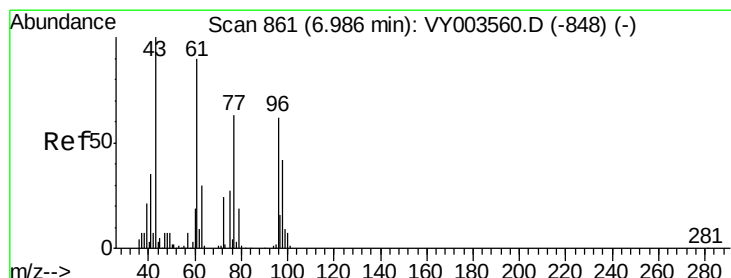
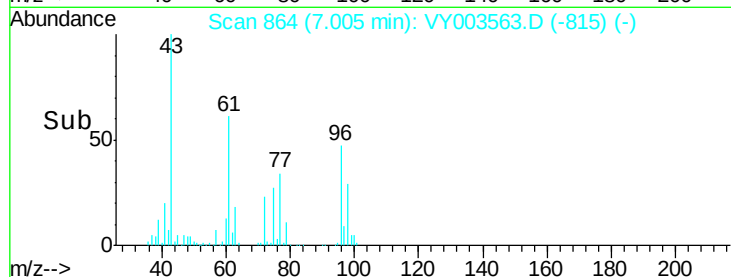
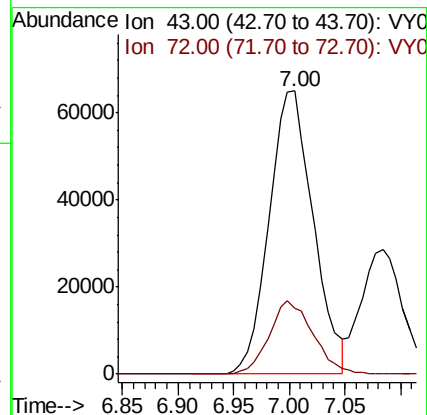
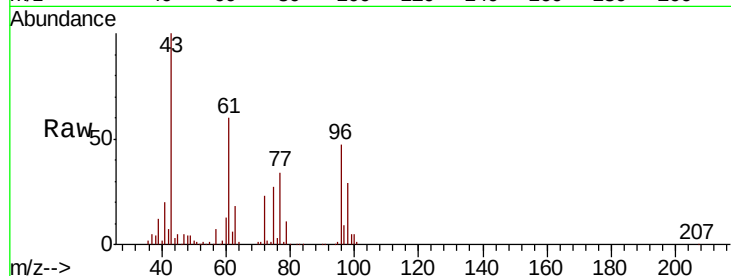
72 23.3 19.8 29.8

Manual Integrations

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11/23/2020 1:39:34 PM



#26

2,2-Dichloropropane

Concen: 47.246 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY003563.D

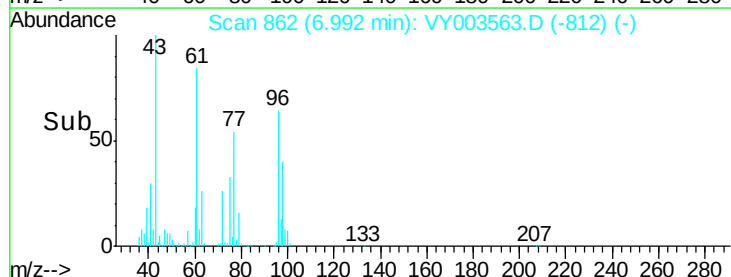
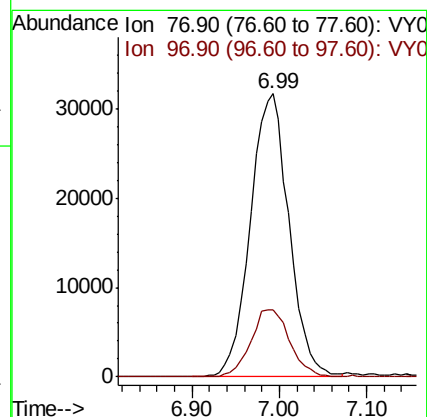
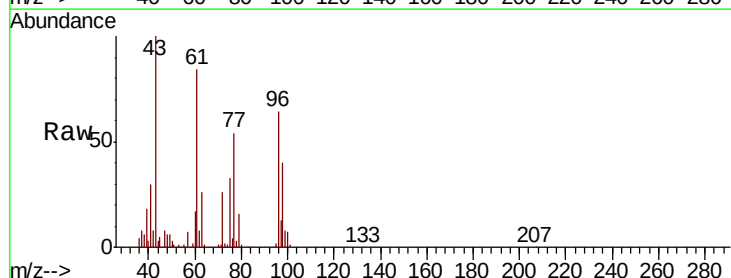
Acq: 20 Nov 2020 12:44

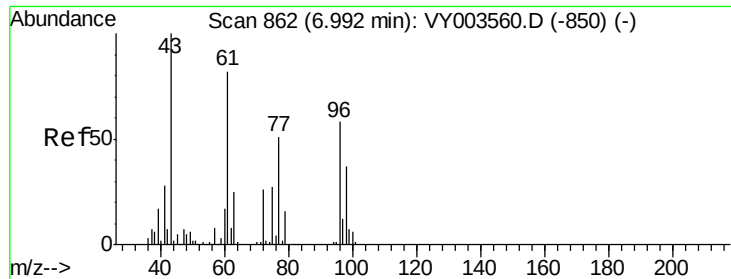
Tgt Ion: 77 Resp: 97448

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6





#27

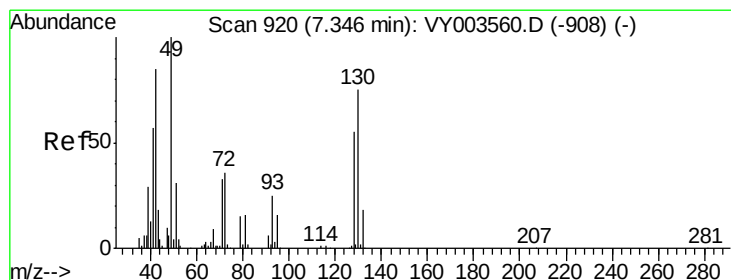
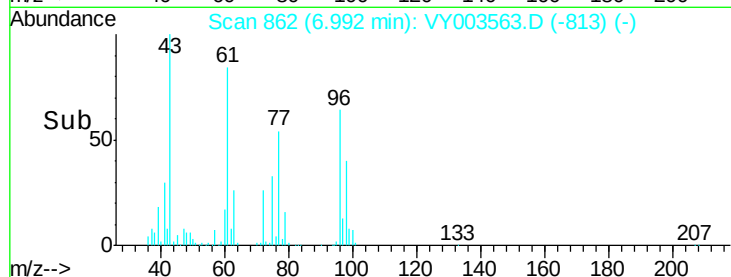
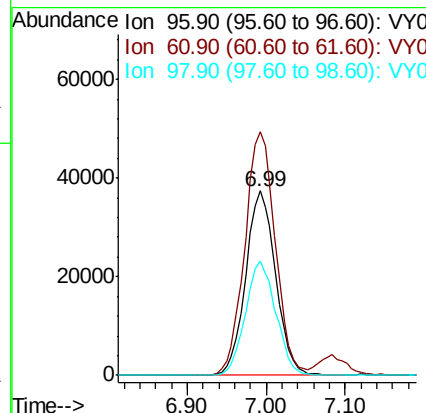
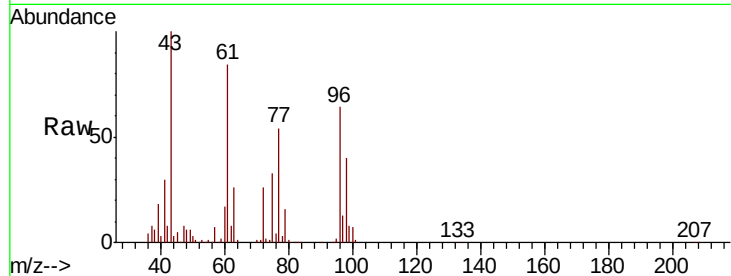
cis-1,2-Dichloroethene
Concen: 49.341 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	274.6
98	62.9	0.0	130.6

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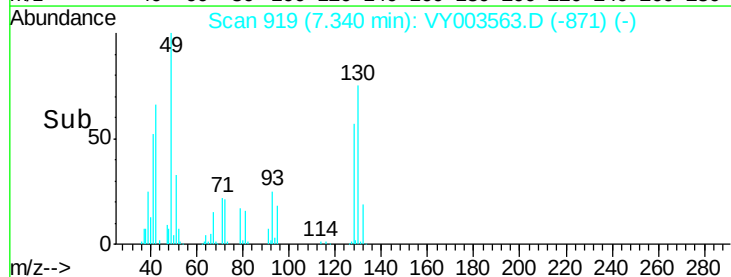
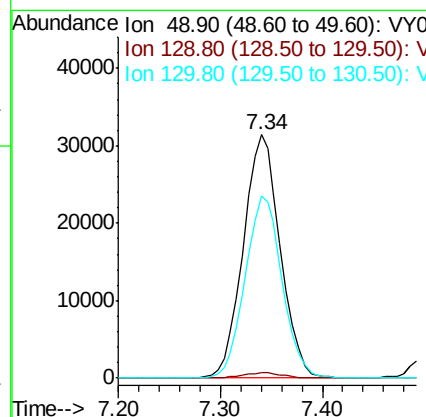
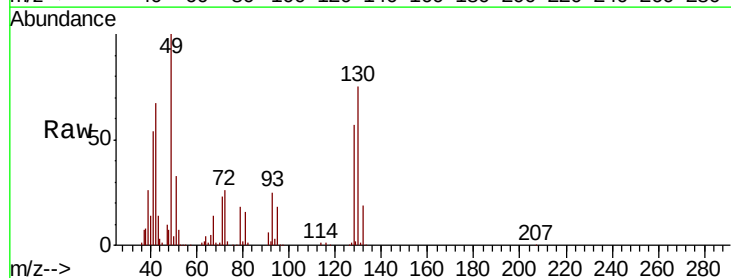
MMDadoda
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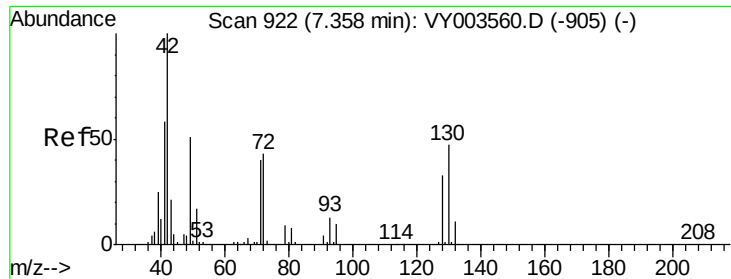


#28

Bromochloromethane
Concen: 51.098 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	74.8	61.0	91.6





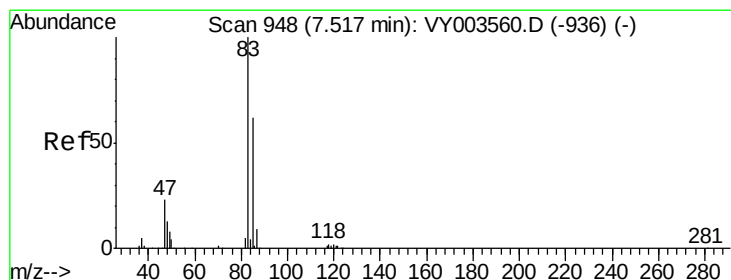
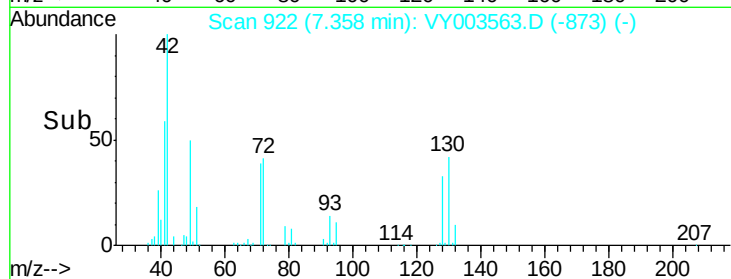
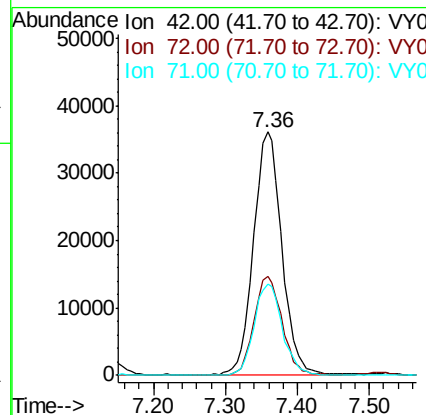
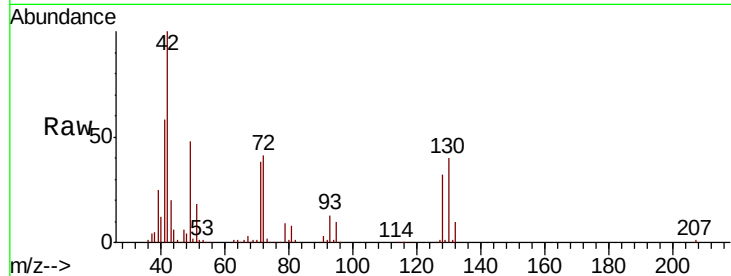
#29
Tetrahydrofuran
Concen: 250.991 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112020

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.6	49.0
71	37.5	30.2	45.2

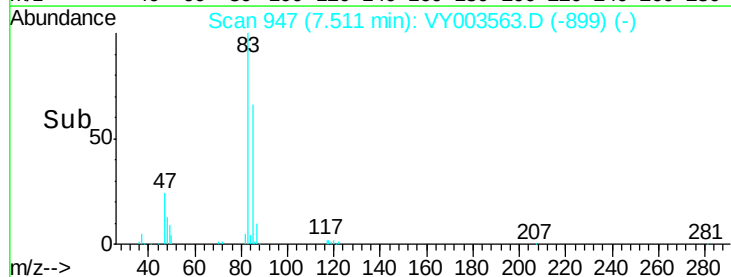
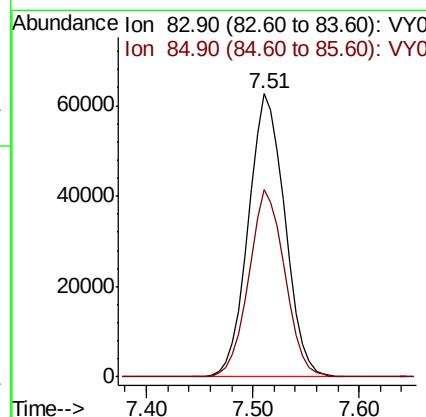
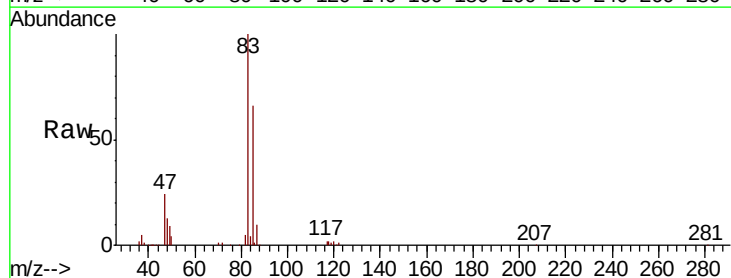
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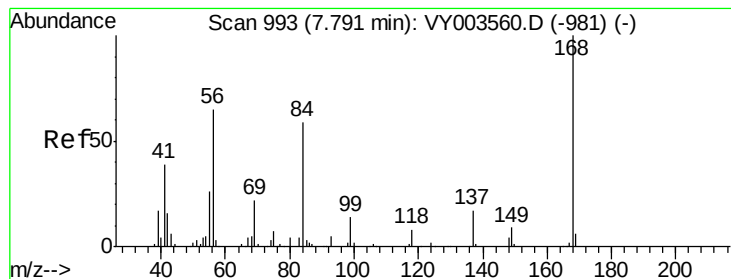
MMDadoda
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#30
Chloroform
Concen: 47.996 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	49.6	74.4





#31

Cyclohexane

Concen: 46.502 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVY112020

Tot Ion: 56 Resp: 116918

Ion Ratio Lower Upper

56 100

69 34.5 27.0 40.6

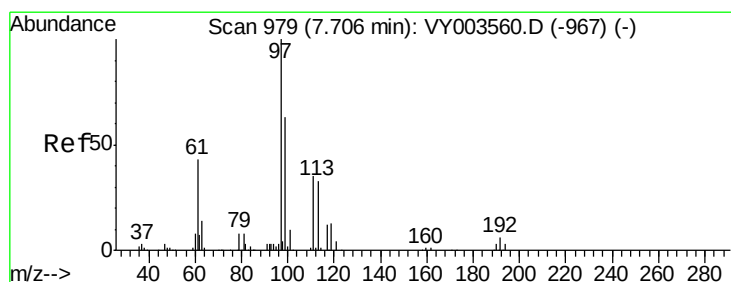
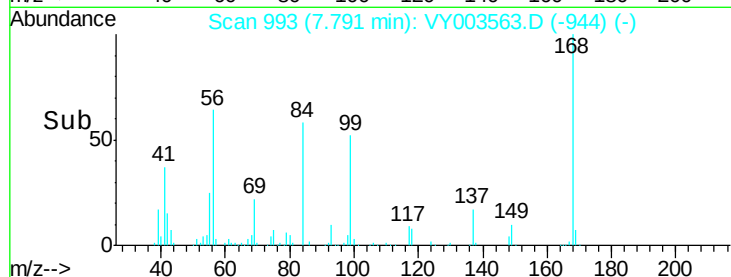
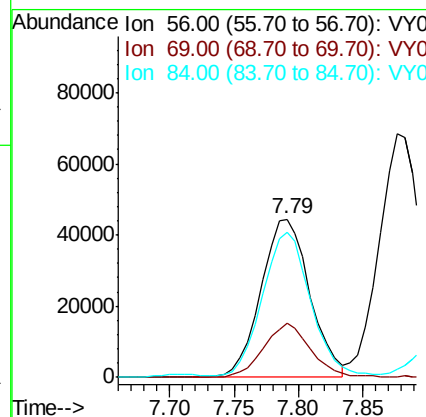
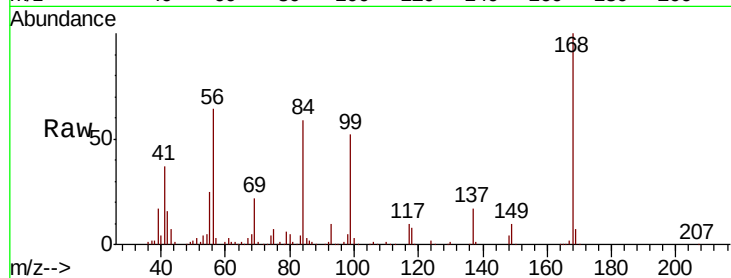
84 89.5 71.8 107.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 48.869 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

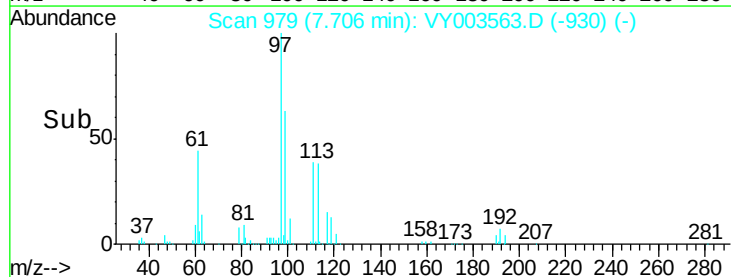
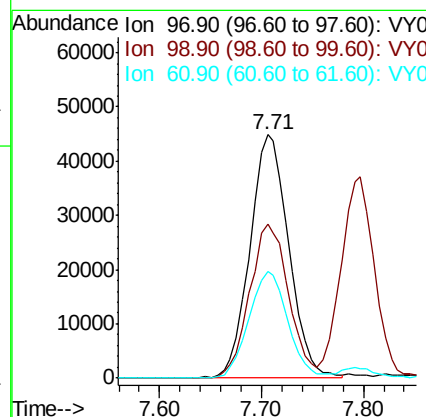
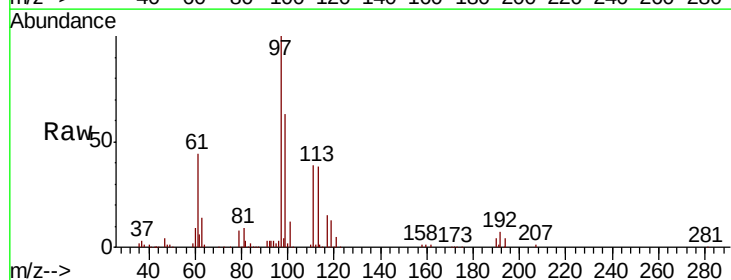
Tgt Ion: 97 Resp: 118861

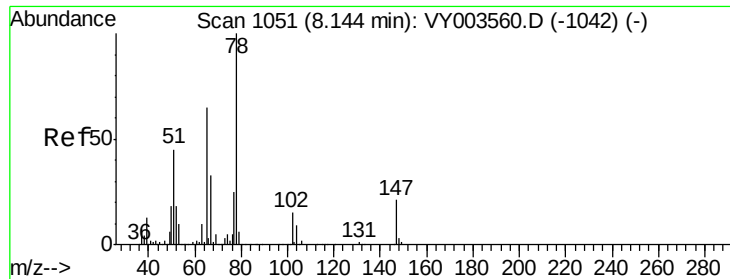
Ion Ratio Lower Upper

97 100

99 63.7 50.2 75.2

61 43.7 34.1 51.1





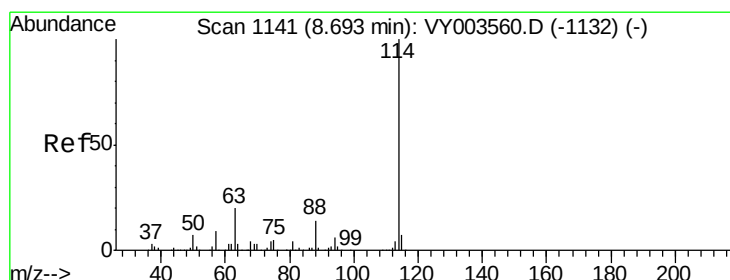
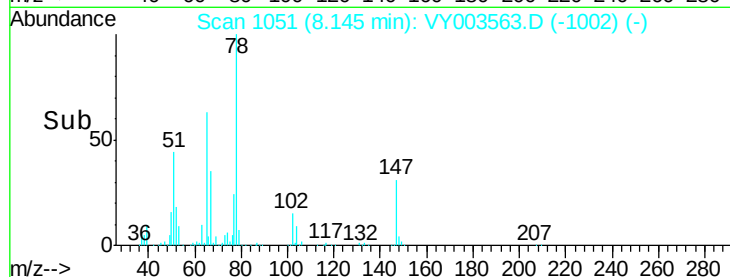
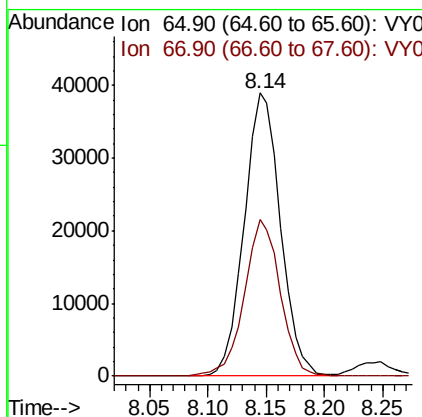
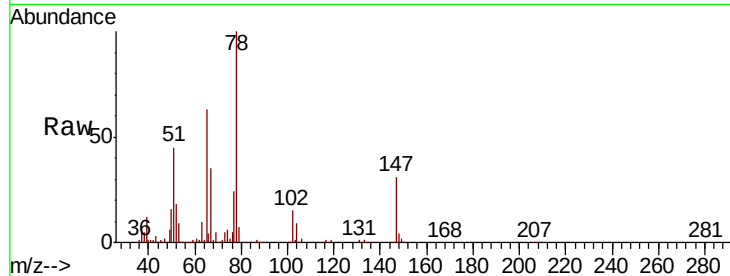
#33
 1,2-Dichloroethane-d4
 Concen: 48.511 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112020

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.2

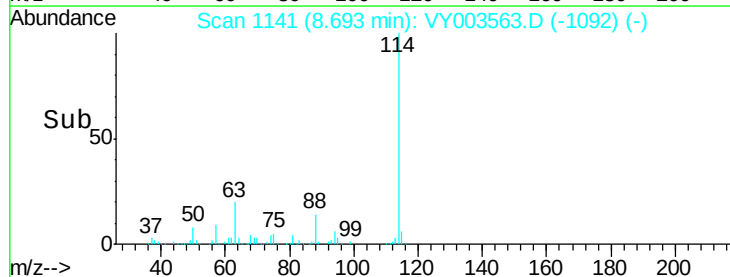
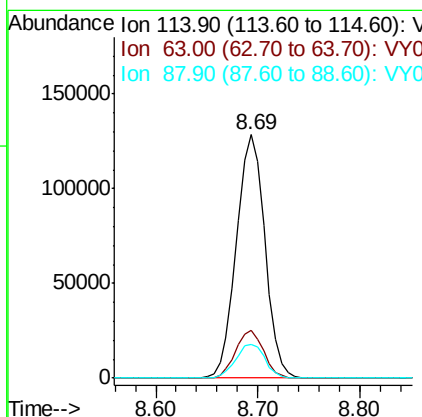
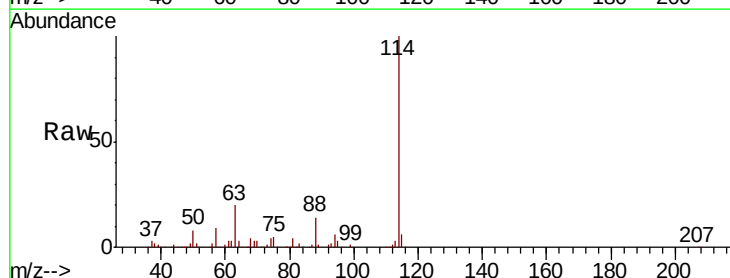
Manual Integrations
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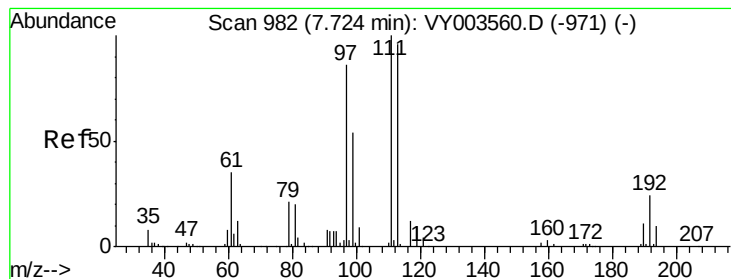
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	13.9	0.0	29.0





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

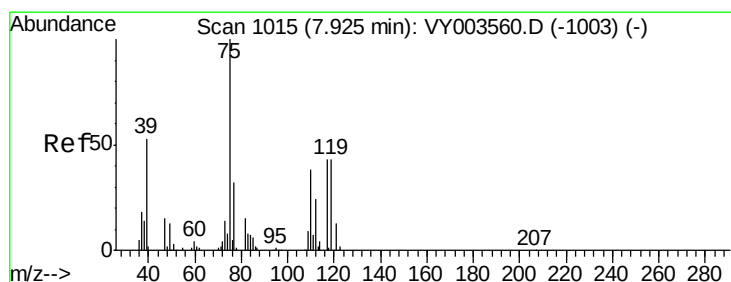
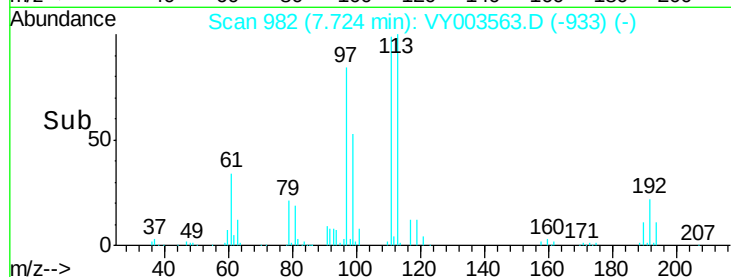
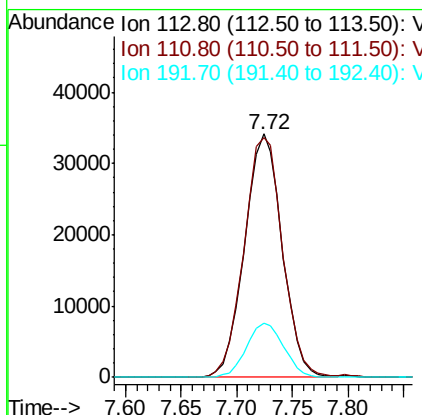
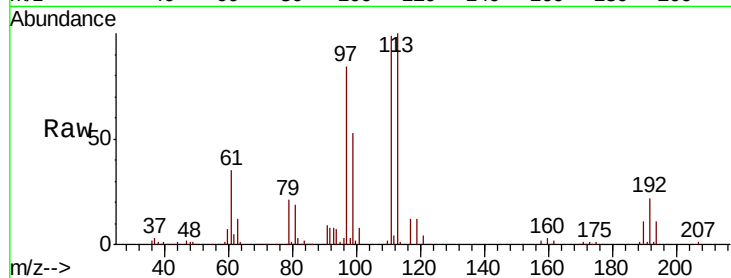
ClientSampleId :

ICVY112020

Tot Ion:	113	Resp:	80033
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	22.3	18.1	27.1

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#36

1,1-Dichloropropene

Concen: 48.496 ug/l

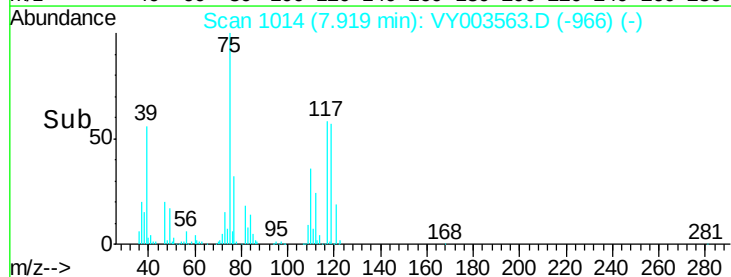
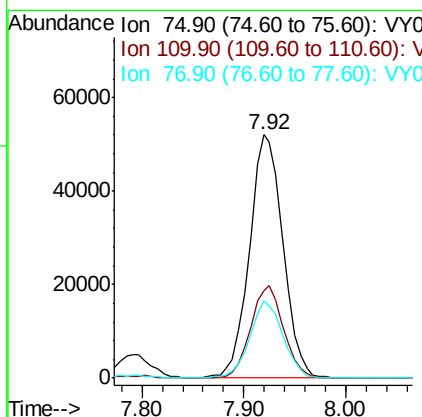
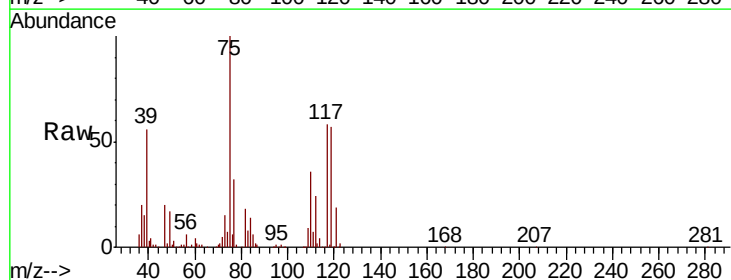
RT: 7.92 min Scan# 1014

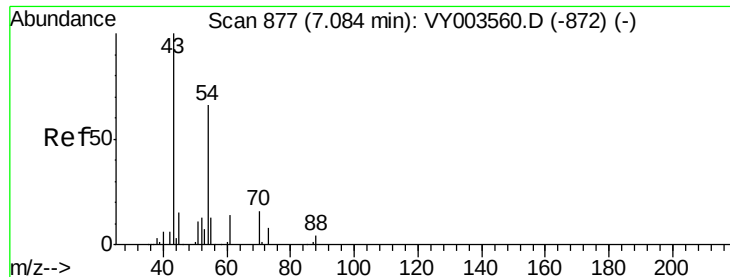
Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:	75	Resp:	118775
Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.7	56.1
77	31.8	25.4	38.2





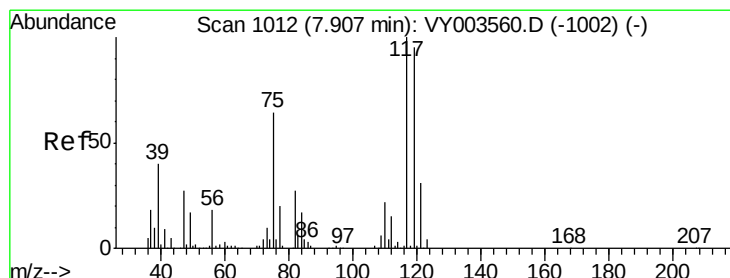
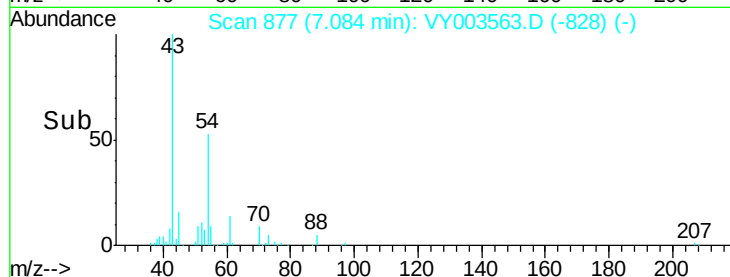
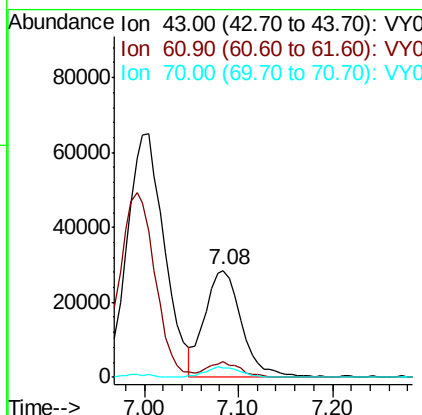
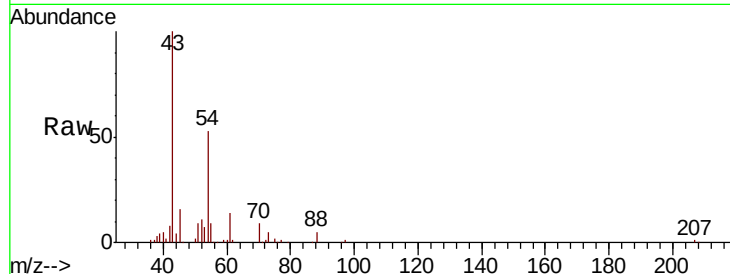
#37
Ethyl Acetate
Concen: 51.972 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112020

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.3	15.5
70	9.3	7.5	11.3

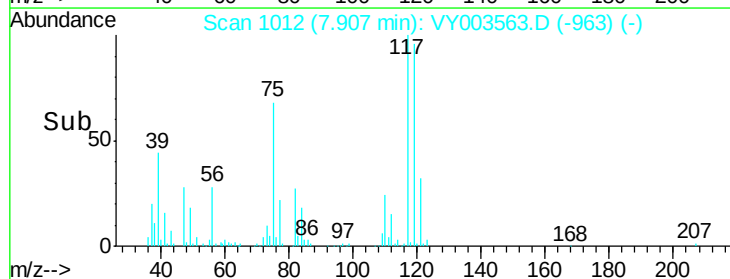
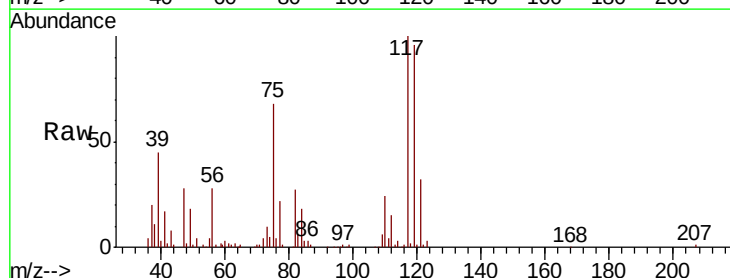
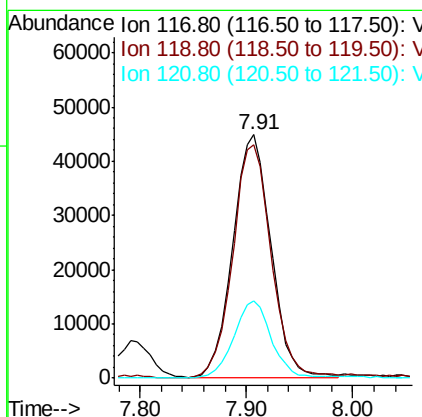
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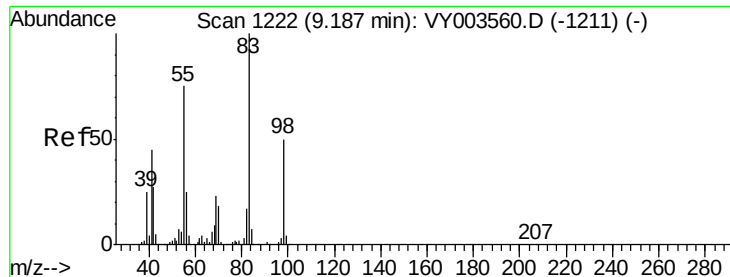
MMDadoda
11/23/2020 1:39:34 PM



#38
Carbon Tetrachloride
Concen: 49.377 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.3	114.5
121	31.4	25.1	37.7





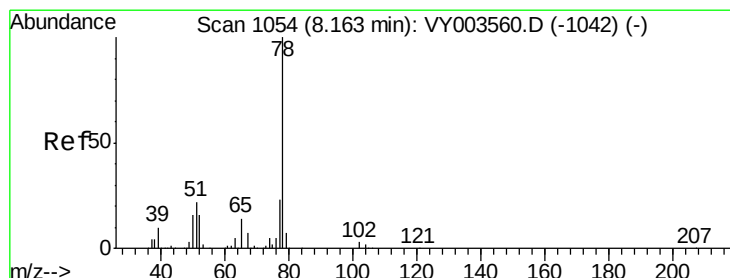
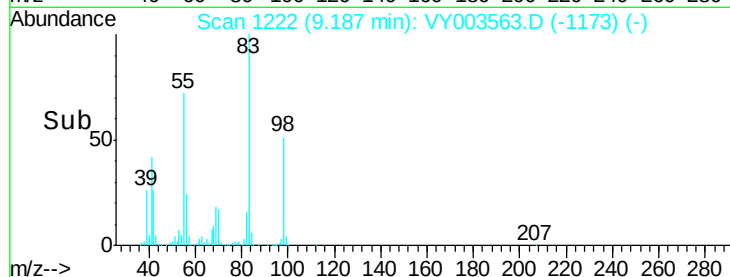
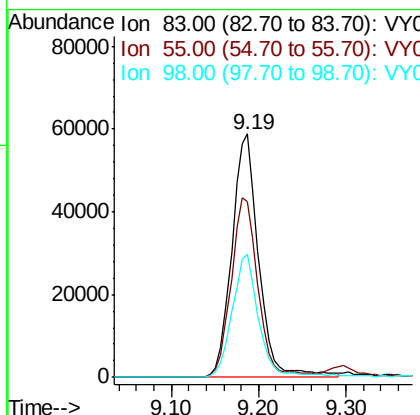
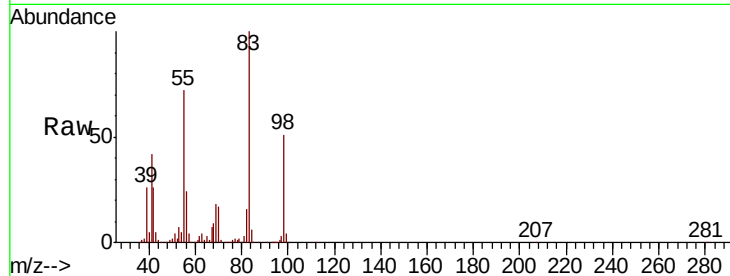
#39
Methylvlcyclohexane
Concen: 50.428 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	60.2	90.4
98	50.6	40.3	60.5

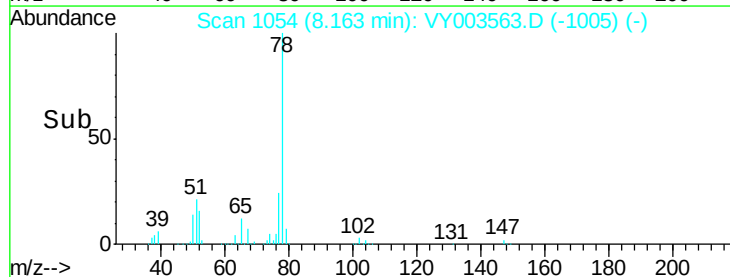
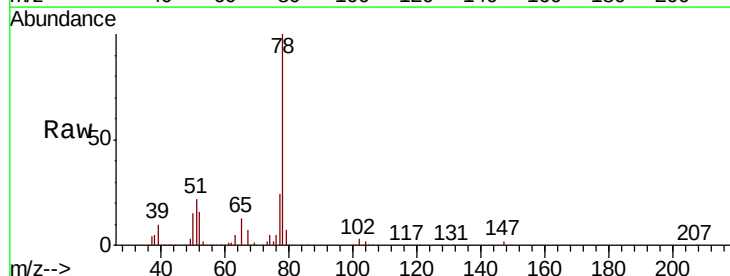
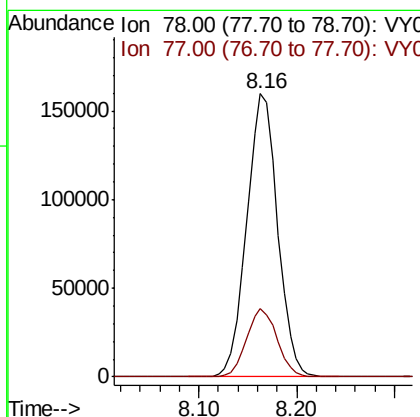
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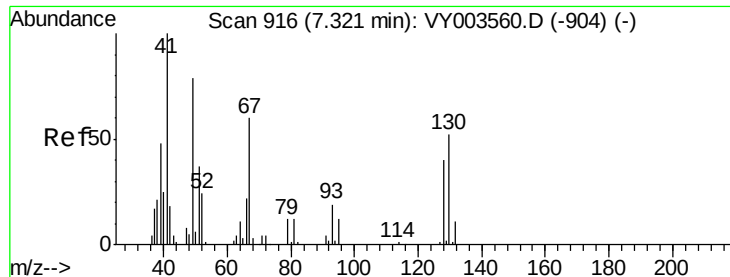
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#40
Benzene
Concen: 48.052 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





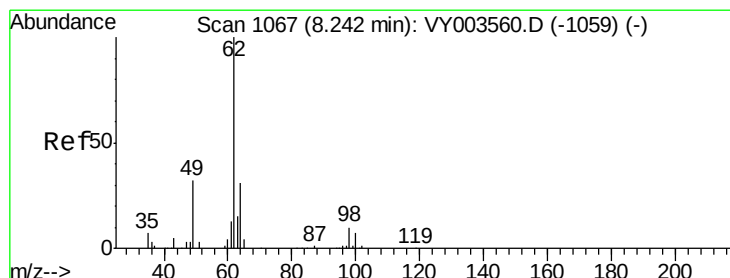
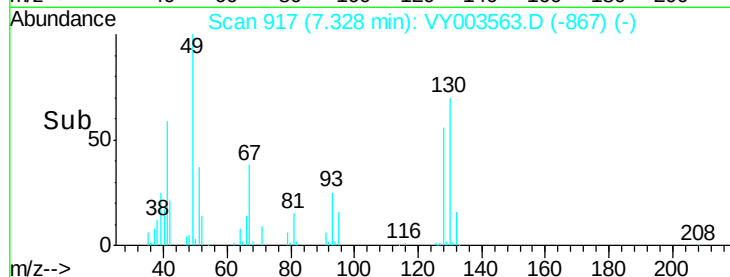
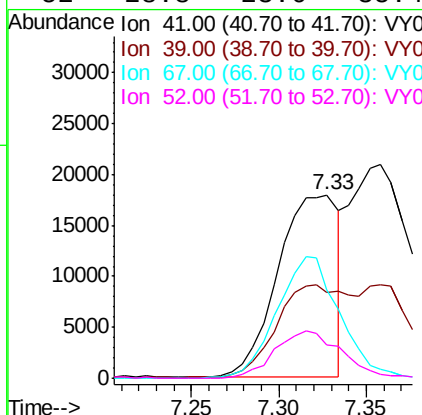
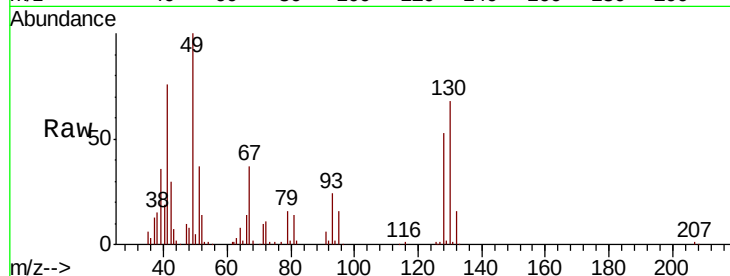
#41
Methacrylonitrile
Concen: 49.357 ug/l
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	66.2	41.4	62.0#
67	67	69.5	57.2	85.8
52	52	28.8	23.6	35.4

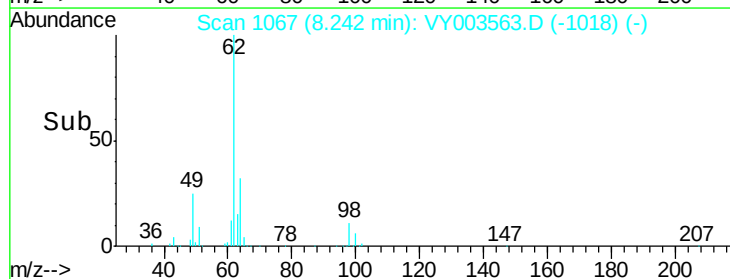
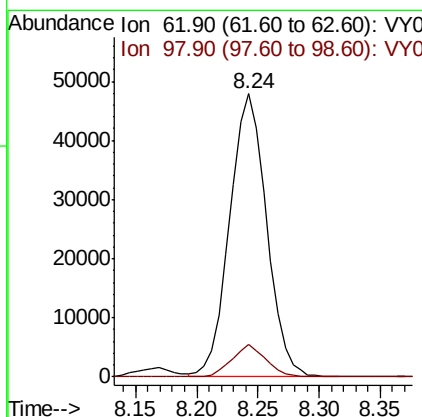
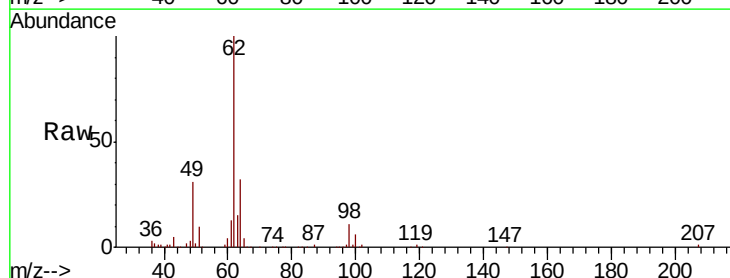
Manual Integrations
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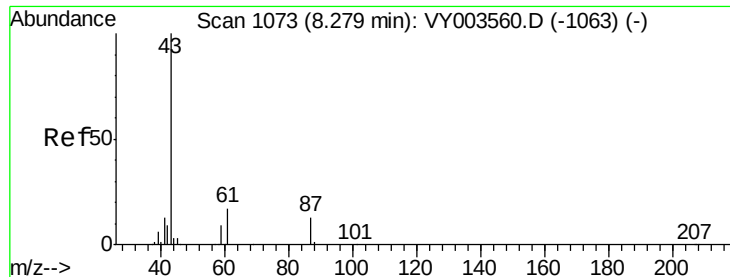
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.426 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	10.6	0.0	20.4





#43

Isopropyl Acetate

Concen: 49.278 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

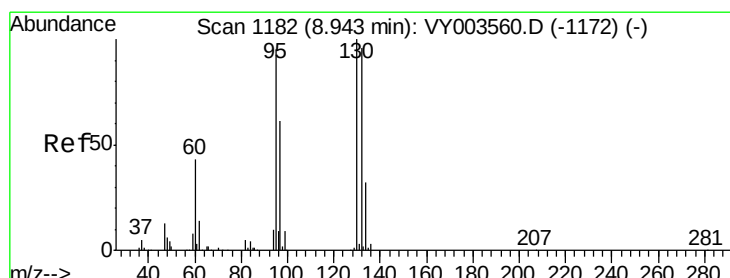
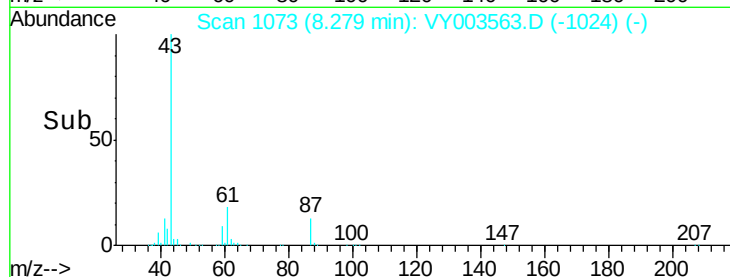
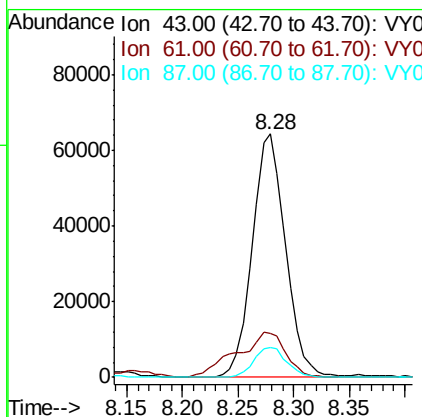
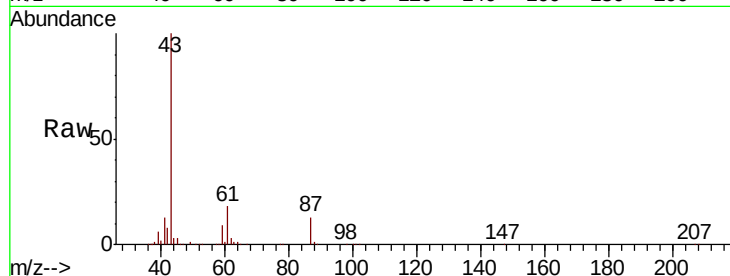
ClientSampleId :

ICVVY112020

Tot Ion:	43	Resp:	133544
Ion	Ratio	Lower	Upper
43	100		
61	27.7	21.4	32.0
87	12.5	10.7	16.1

Manual Integrations
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11/23/2020 1:39:34 PM



#44

Trichloroethene

Concen: 48.466 ug/l

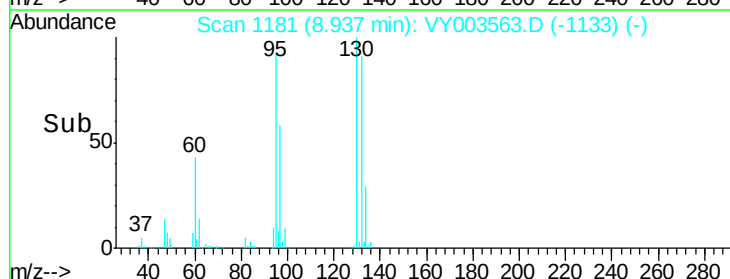
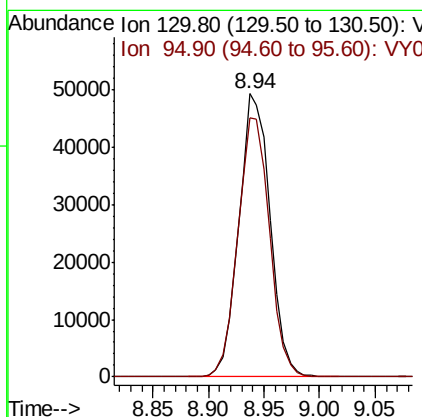
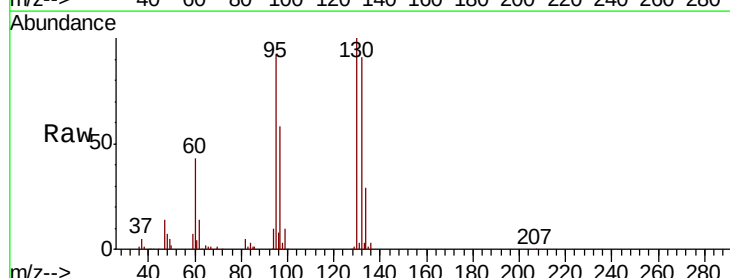
RT: 8.94 min Scan# 1181

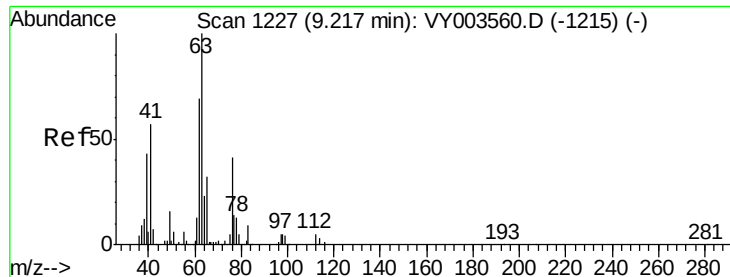
Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:	130	Resp:	95880
Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	189.2





#45

1,2-Dichloropropane

Concen: 49.126 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVY112020

Tot Ion: 63 Resp: 88412

Ion Ratio Lower Upper

63 100

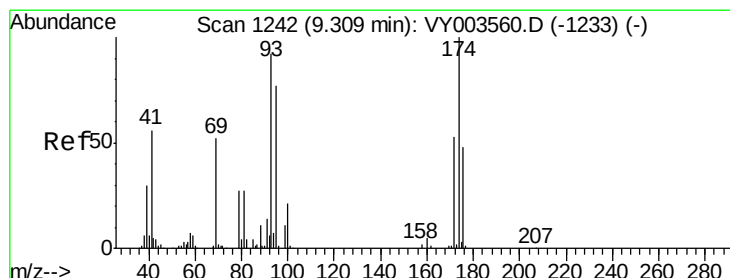
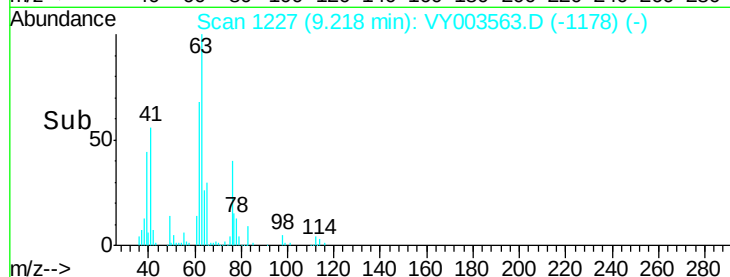
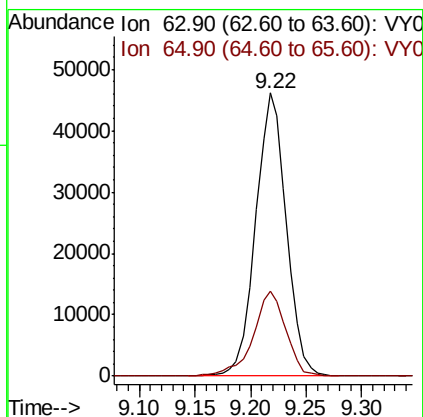
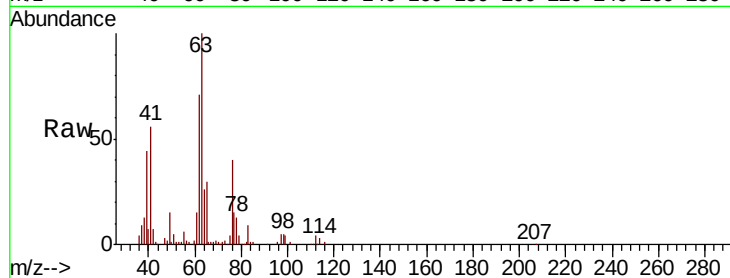
65 30.2 25.7 38.5

Manual Integrations

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MMDadoda

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#46

Dibromomethane

Concen: 47.913 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

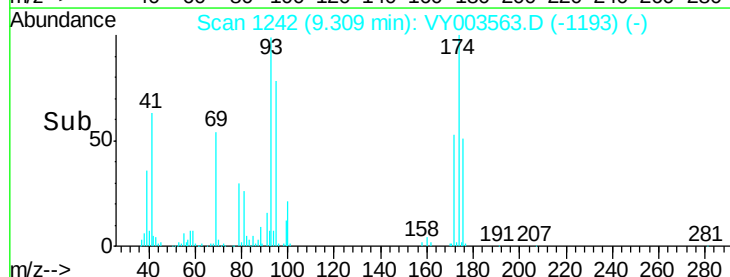
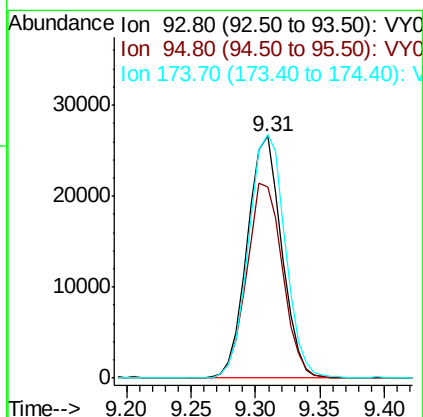
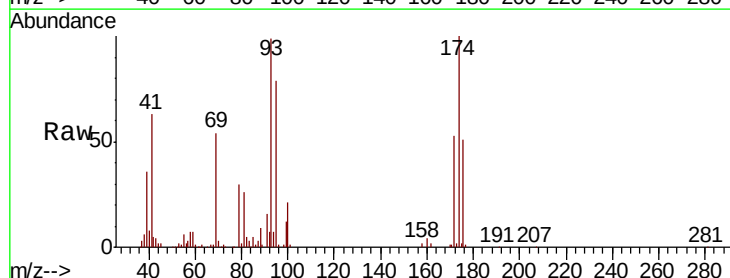
Tgt Ion: 93 Resp: 49106

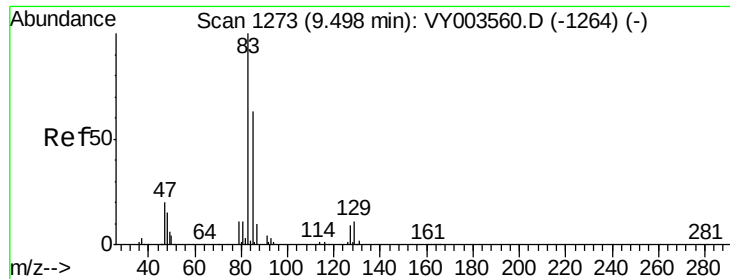
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

174 107.0 86.8 130.2





#47

Bromodichloromethane

Concen: 47.870 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

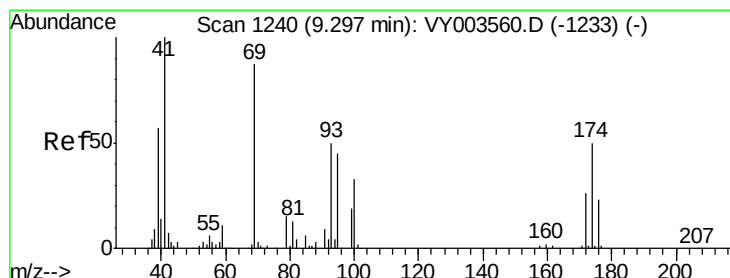
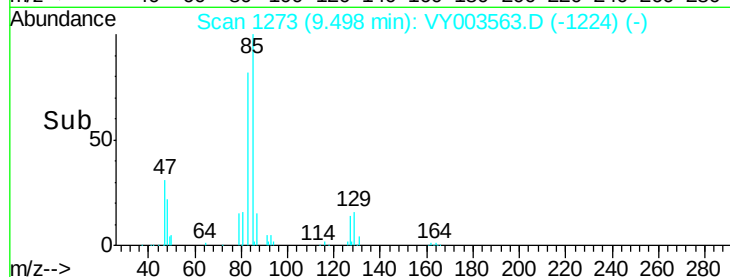
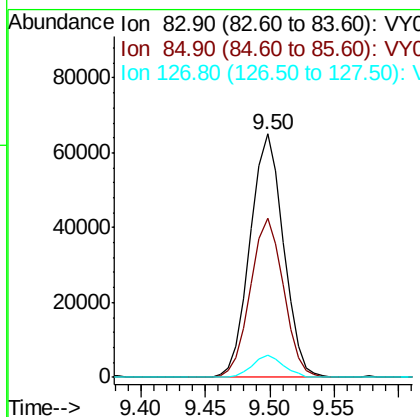
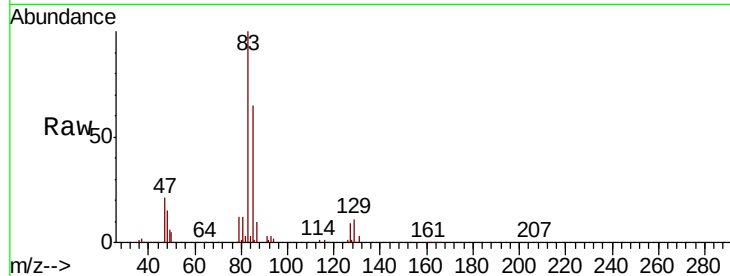
ClientSampleId :

ICVVY112020

Tot Ion:	83	Resp:	116534
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.7	76.1
127	9.1	7.0	10.4

Manual Integrations
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11/23/2020 1:39:34 PM



#48

Methyl methacrylate

Concen: 49.451 ug/l

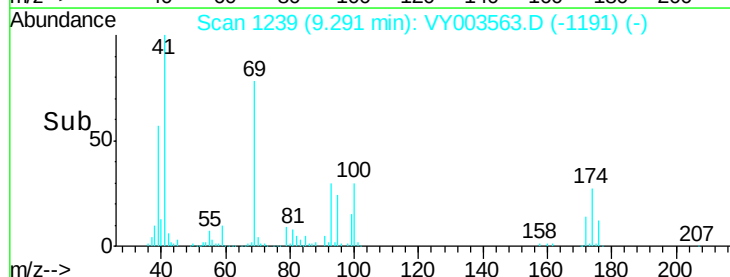
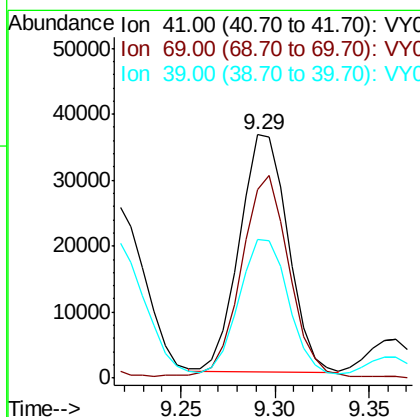
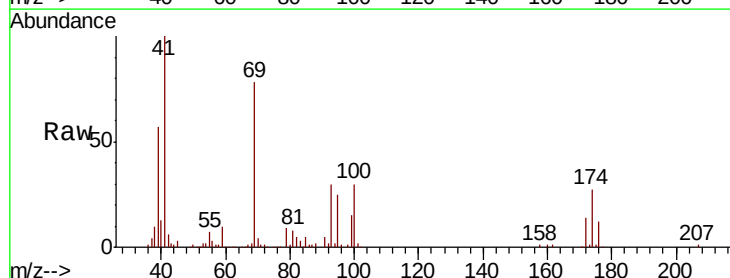
RT: 9.29 min Scan# 1239

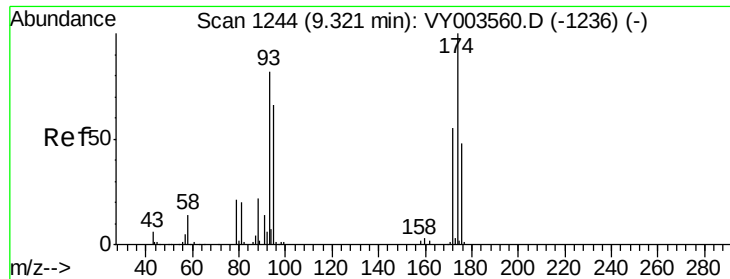
Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:	41	Resp:	64150
Ion	Ratio	Lower	Upper
41	100		
69	86.4	68.6	102.8
39	61.6	48.8	73.2





#49

1,4-Dioxane

Concen: 1011.143 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

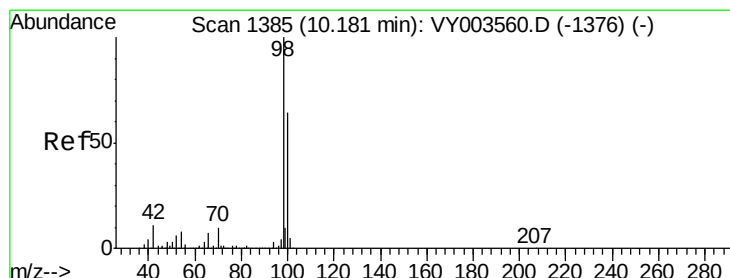
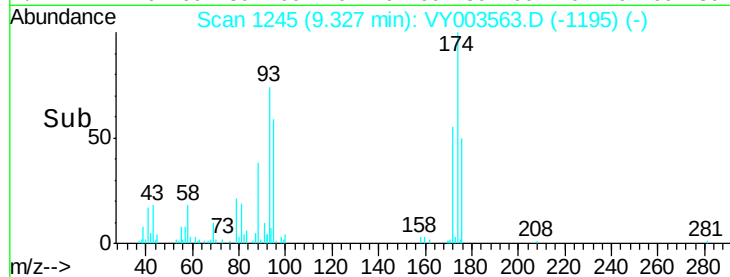
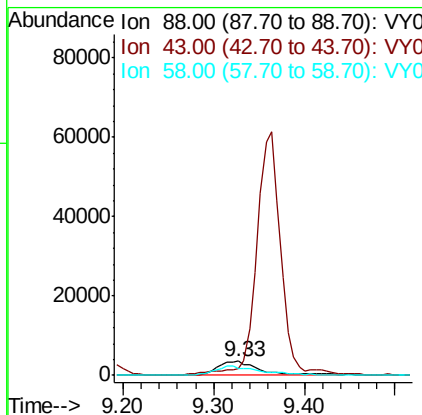
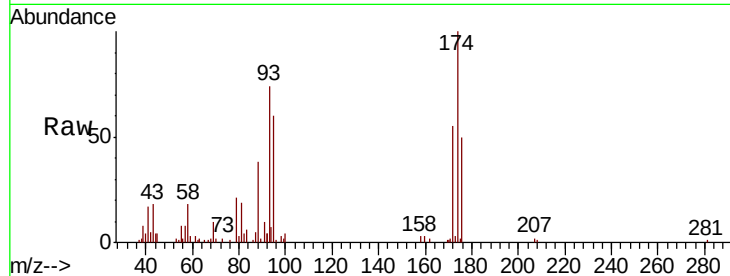
ClientSampleId :

ICVY112020

Tot Ion:	88	Resp:	11874
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.8	50.9	76.3

Manual Integrations
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#50

Toluene-d8

Concen: 48.143 ug/l

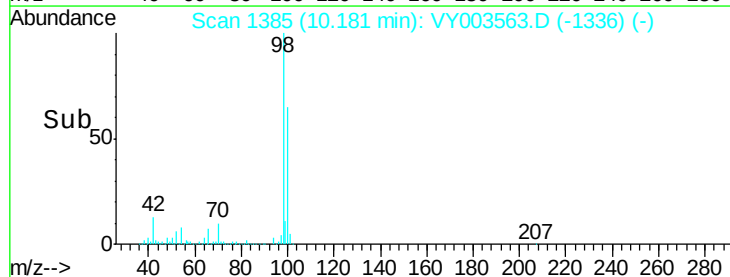
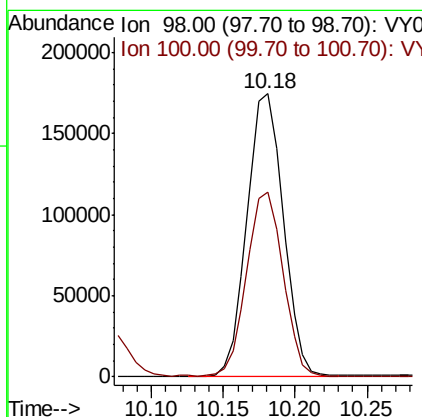
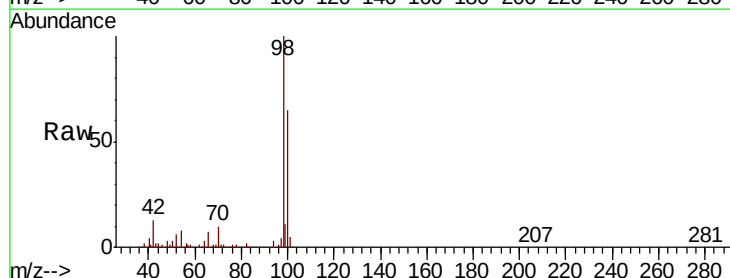
RT: 10.18 min Scan# 1385

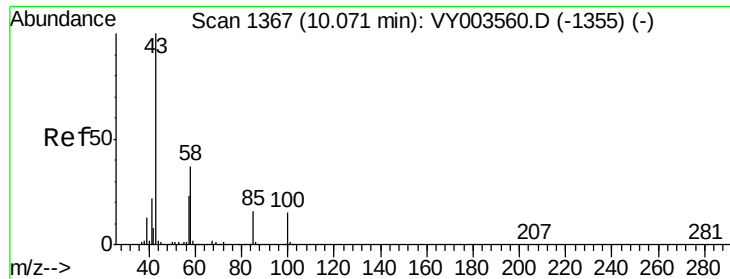
Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:	98	Resp:	306130
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.2





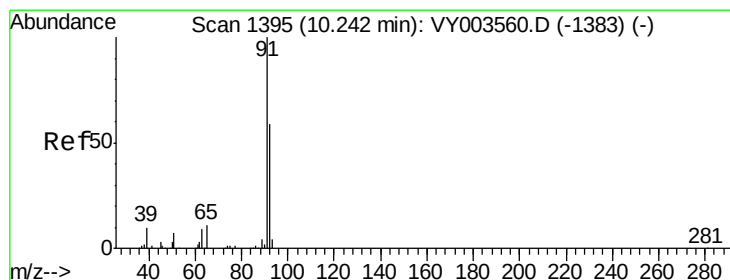
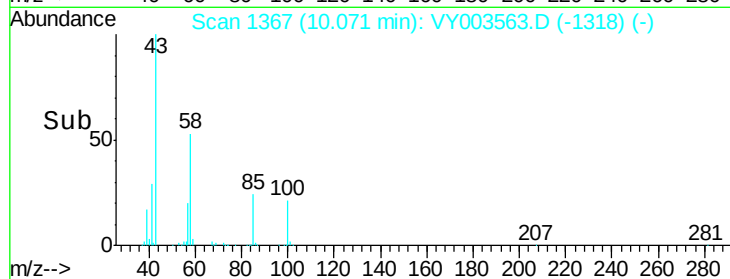
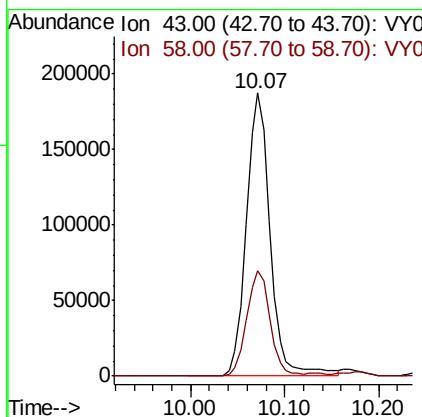
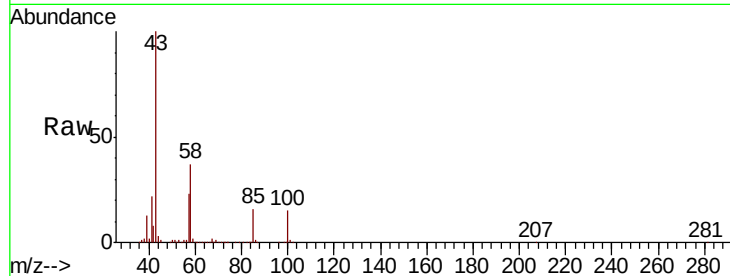
#51
4-Methyl-2-Pentanone
Concen: 255.812 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.8	44.8

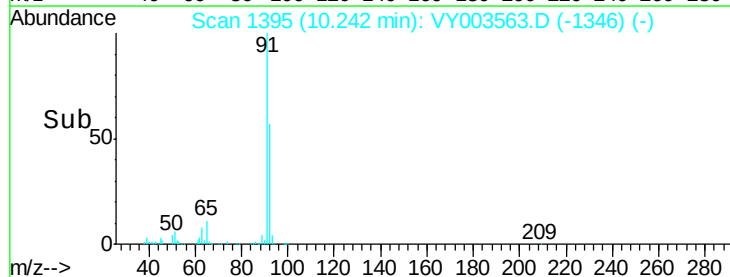
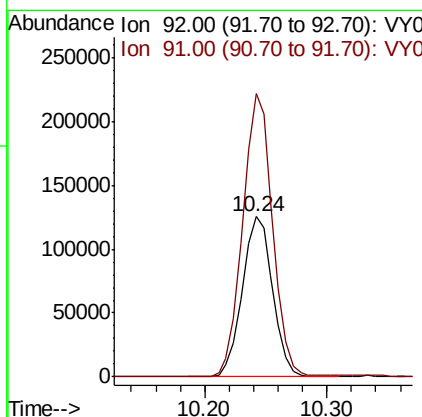
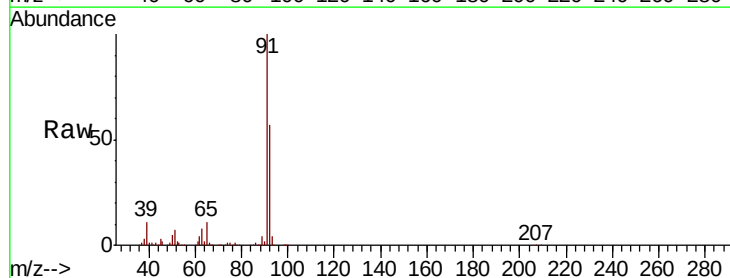
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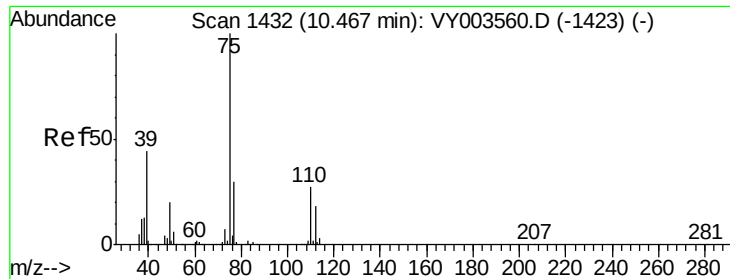
MMDadoda
11/23/2020 1:39:34 PM



#52
Toluene
Concen: 48.566 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.8	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 50.432 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112020

Tot Ion: 75 Resp: 128496

Ion Ratio Lower Upper

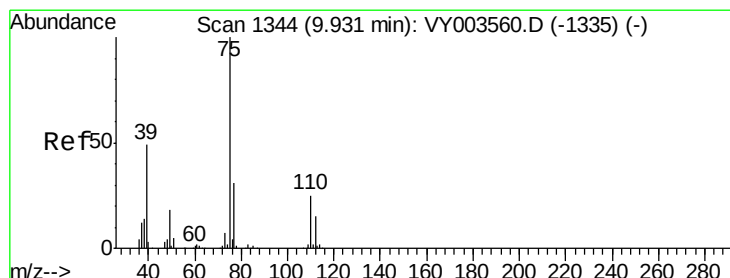
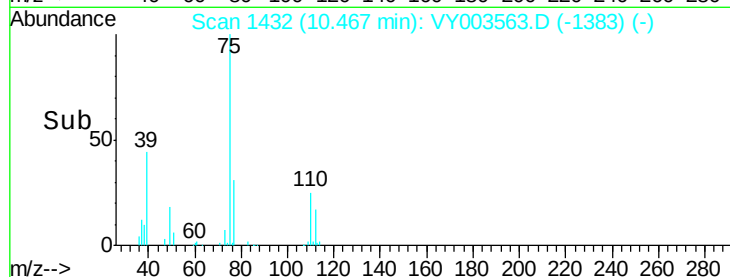
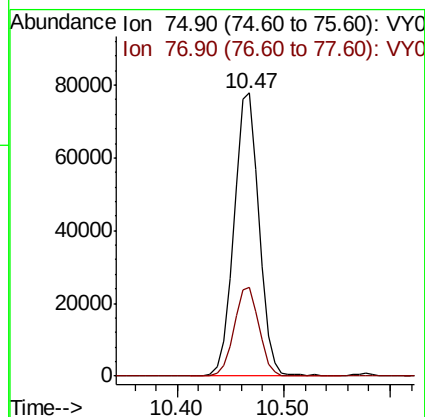
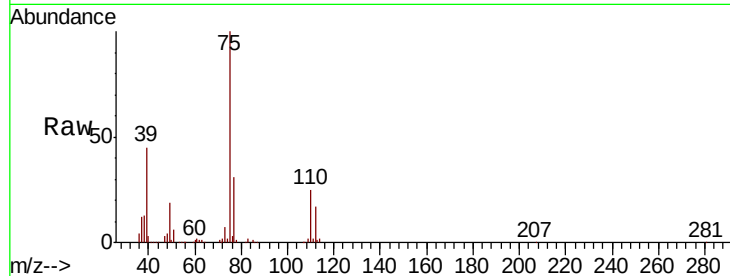
75 100

77 31.2 24.0 36.0

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 50.317 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

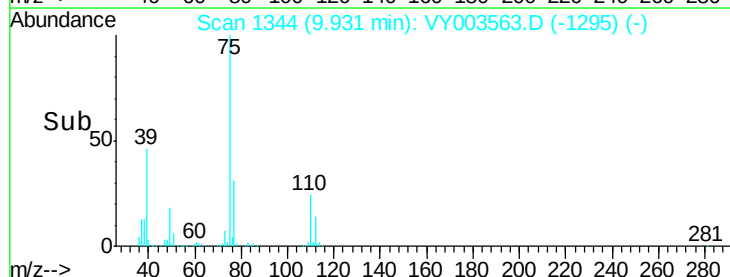
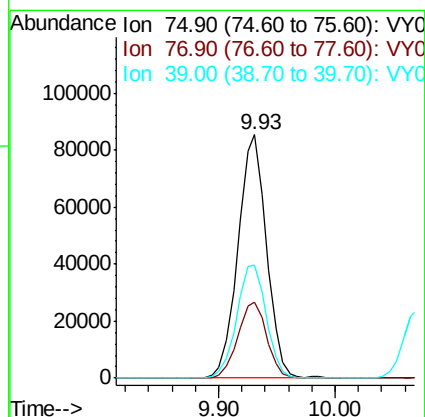
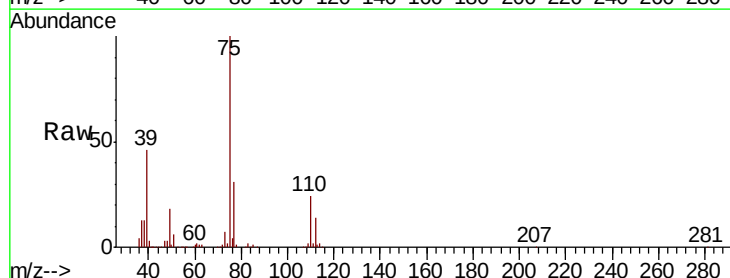
Tgt Ion: 75 Resp: 145917

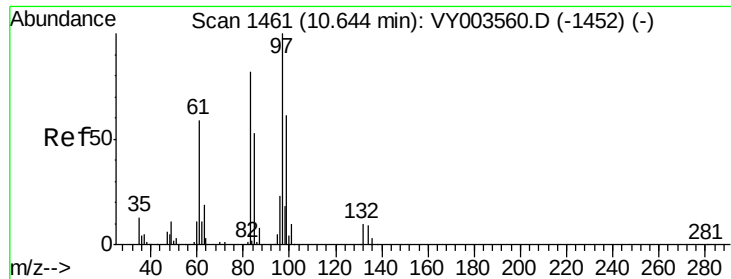
Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 46.5 38.9 58.3





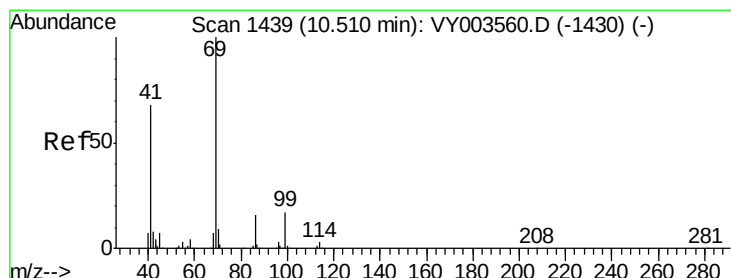
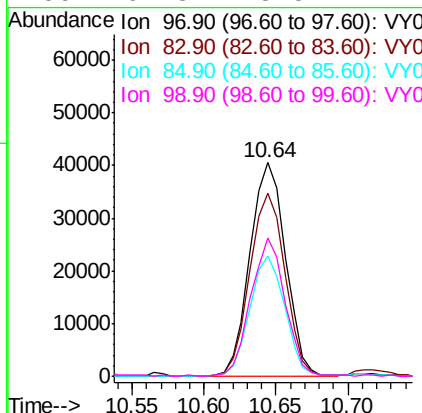
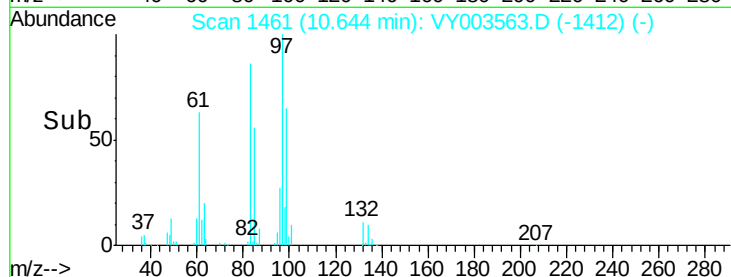
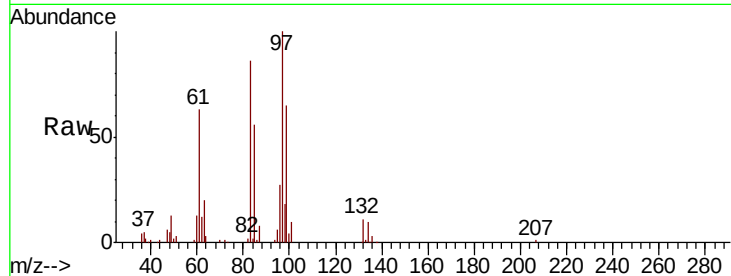
#55
 1,1,2-Trichloroethane
 Concen: 47.721 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112020

Tot Ion:	97	Resp:	69372
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.2	97.8
85	56.2	42.4	63.6
99	64.3	48.5	72.7

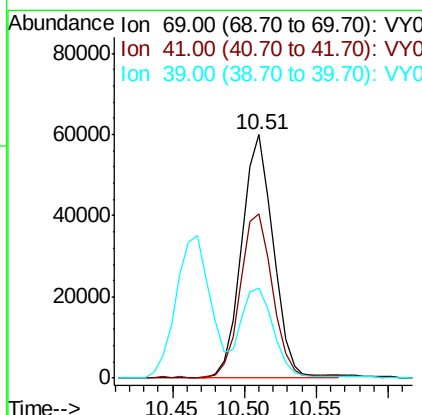
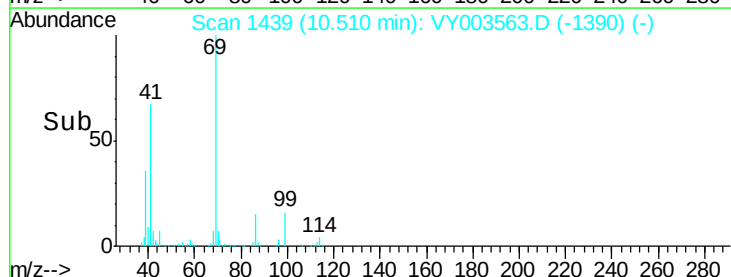
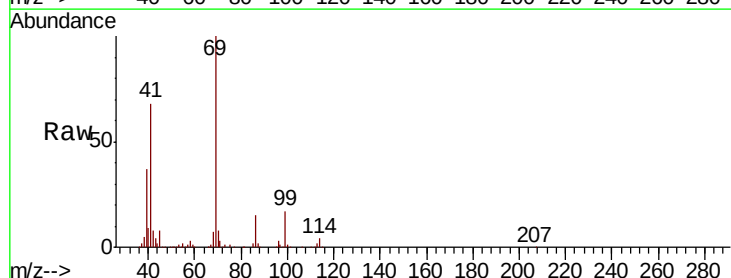
Manual Integrations
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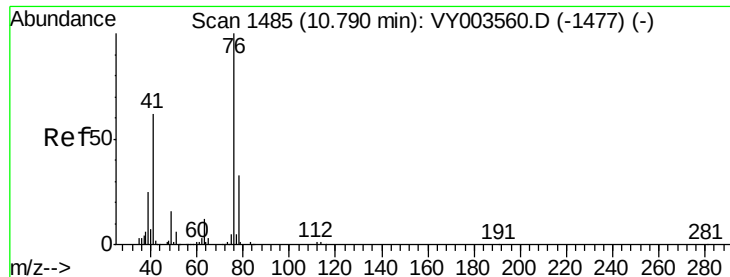
MMDadoda
 11/23/2020 1:39:34 PM



#56
 Ethyl methacrylate
 Concen: 51.800 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion:	69	Resp:	91509
Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.4	83.0
39	38.2	30.2	45.2





#57

1,3-Dichloropropane

Concen: 49.049 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112020

Tot Ion: 76 Resp: 120684

Ion Ratio Lower Upper

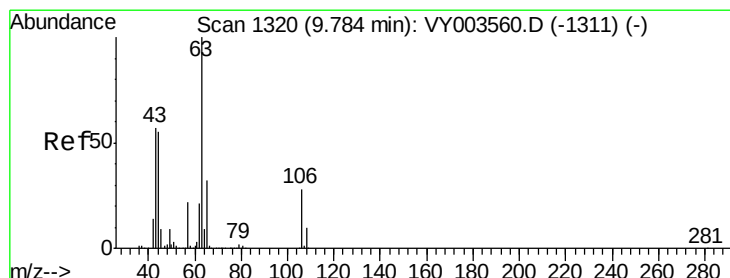
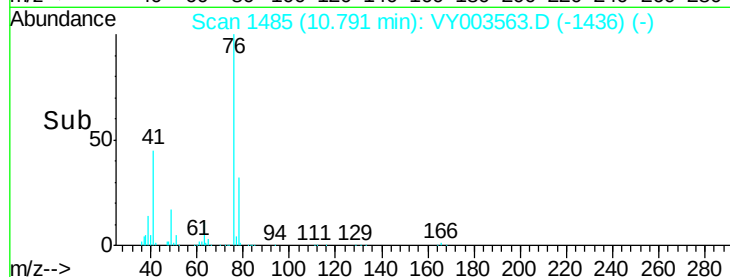
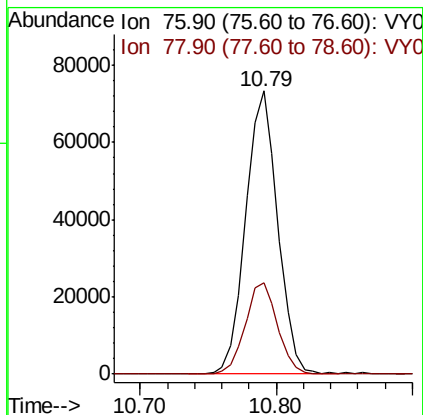
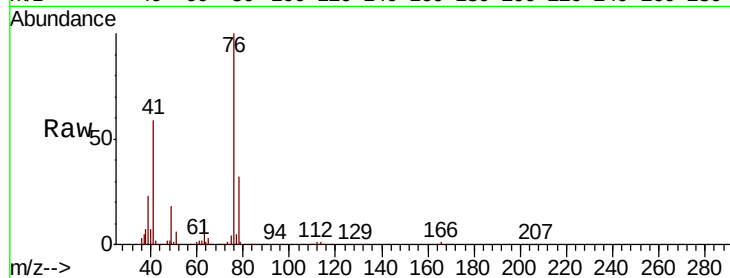
76 100

78 32.4 26.0 39.0

Manual Integrations
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11/23/2020 1:39:34 PM



#58

2-Chloroethyl Vinyl ether

Concen: 249.924 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003563.D

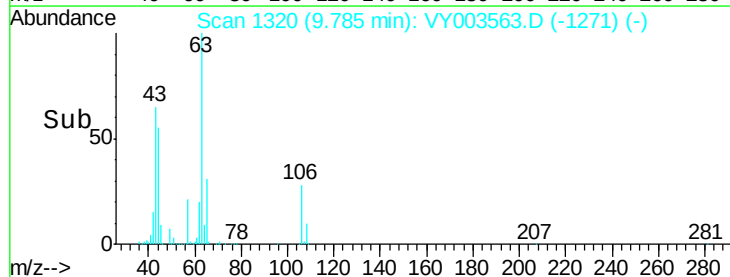
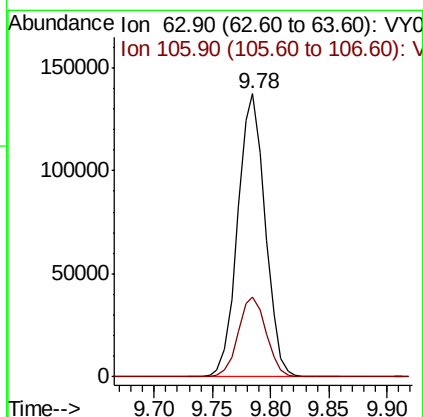
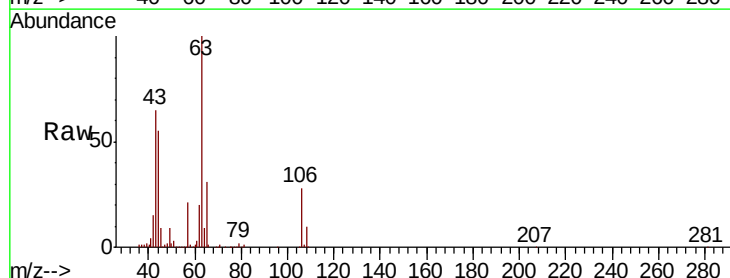
Acq: 20 Nov 2020 12:44

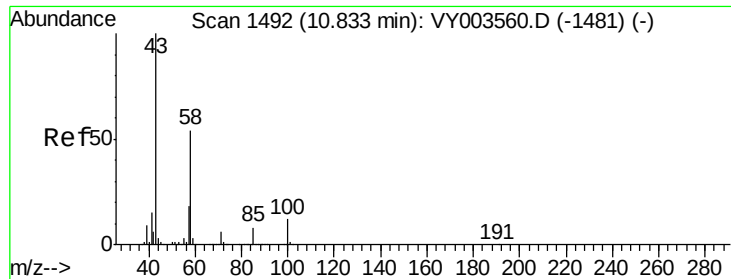
Tgt Ion: 63 Resp: 226578

Ion Ratio Lower Upper

63 100

106 28.6 22.6 34.0





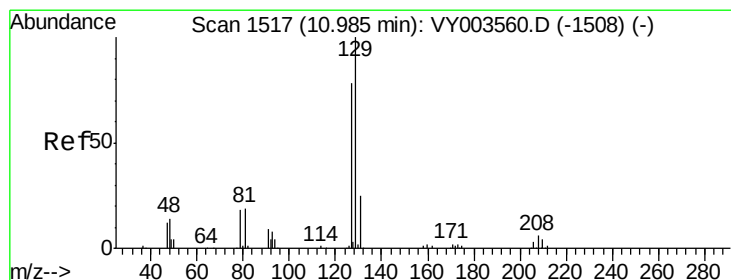
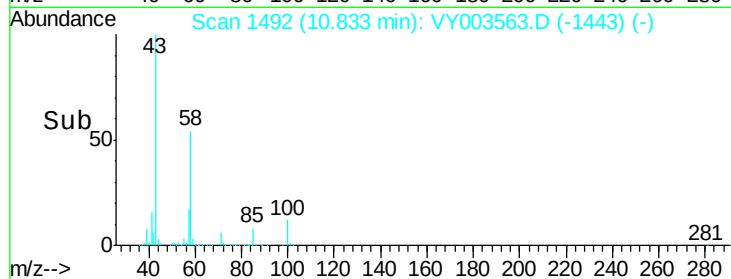
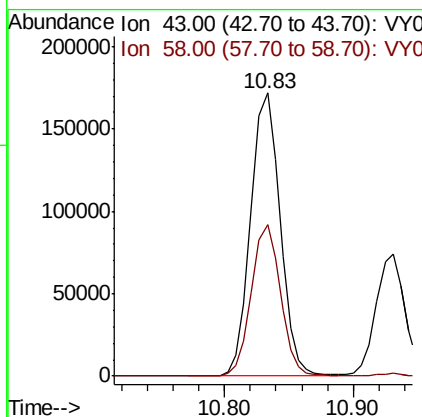
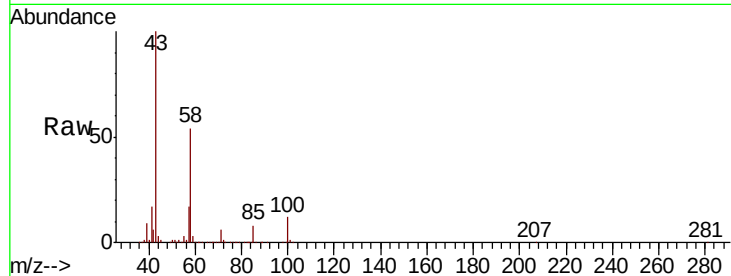
#59
2-Hexanone
Concen: 254.450 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112020

Tot Ion: 43 Resp: 272439
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1

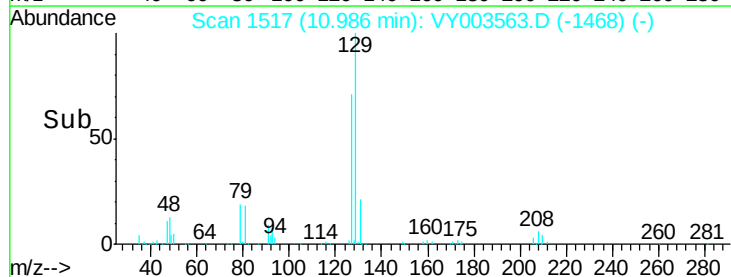
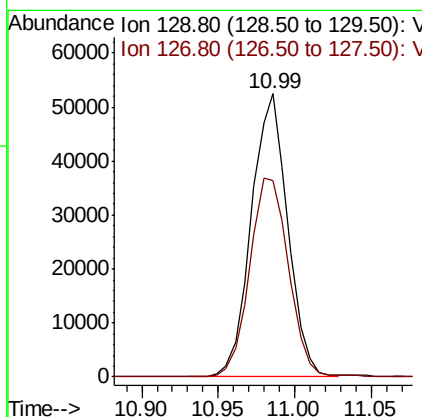
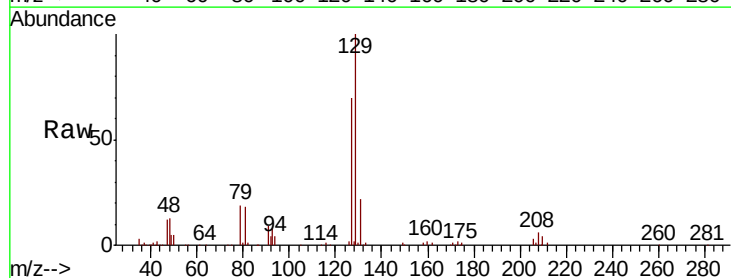
Manual Integrations
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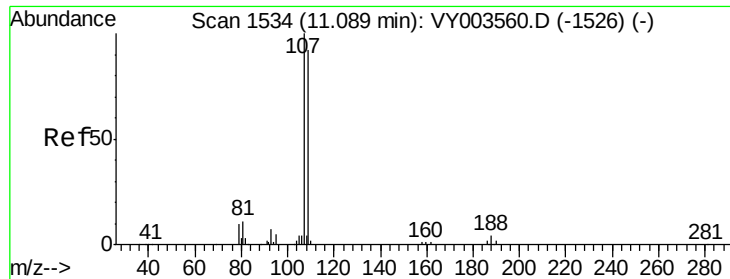
MMDadoda
11/23/2020 1:39:34 PM



#60
Dibromochloromethane
Concen: 49.406 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 129 Resp: 86839
Ion Ratio Lower Upper
129 100
127 75.2 38.9 116.7





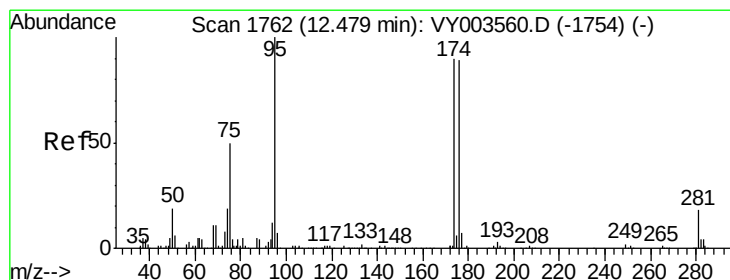
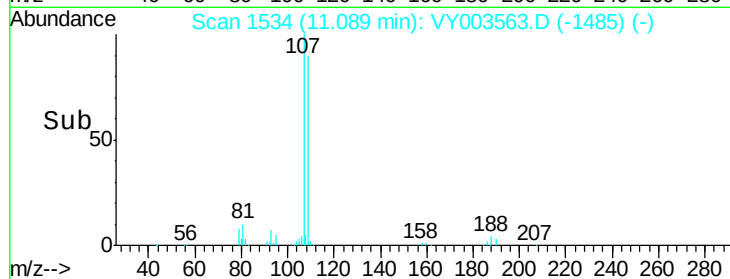
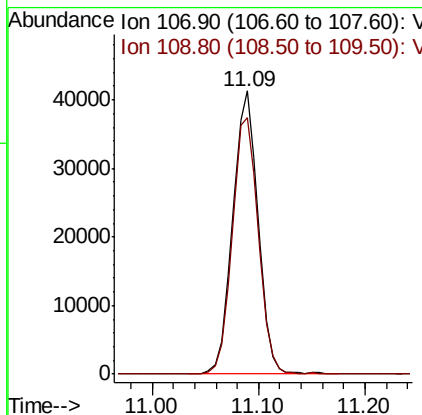
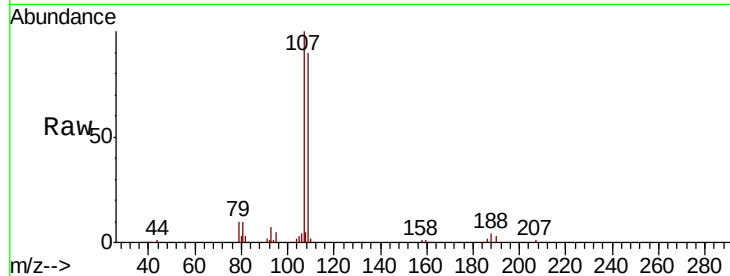
#61
 1,2-Dibromoethane
 Concen: 49.151 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112020

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.9	113.9

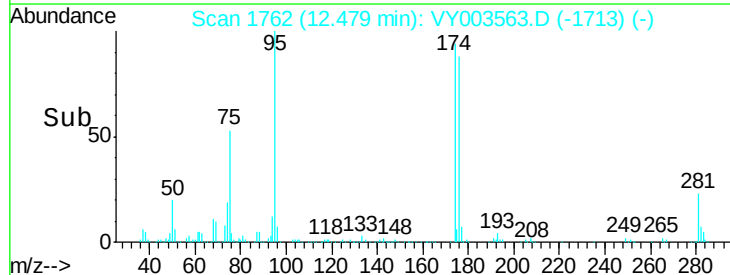
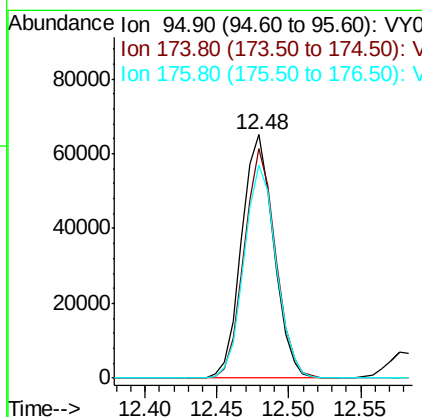
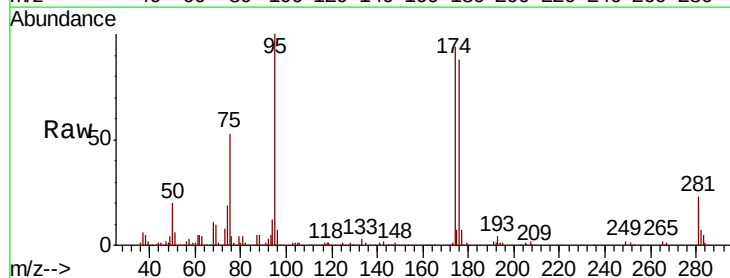
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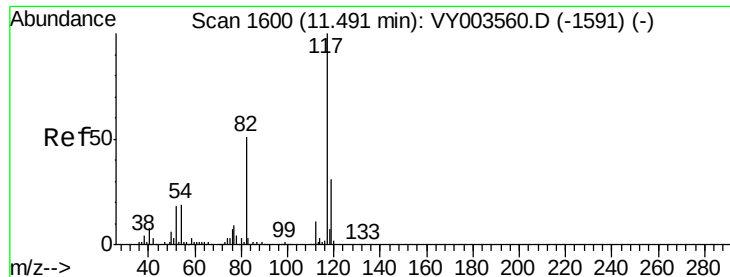
MMDadoda
 11/23/2020 1:39:34 PM



#62
 4-Bromofluorobenzene
 Concen: 50.004 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	184.0
176	87.3	0.0	180.4





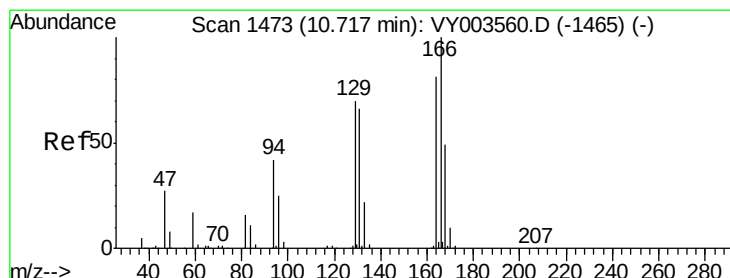
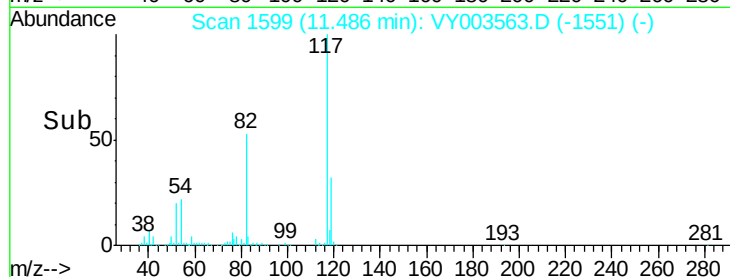
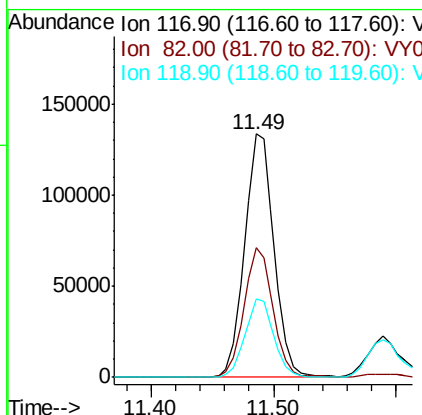
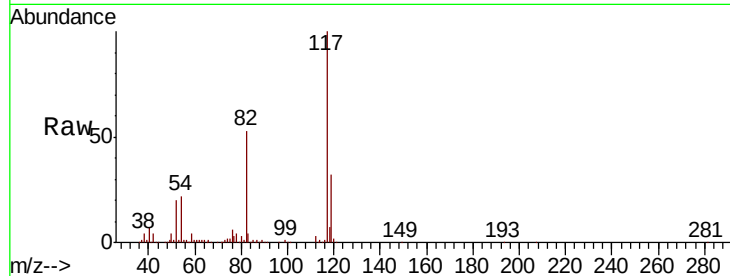
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.0	61.6
119	32.5	25.0	37.6

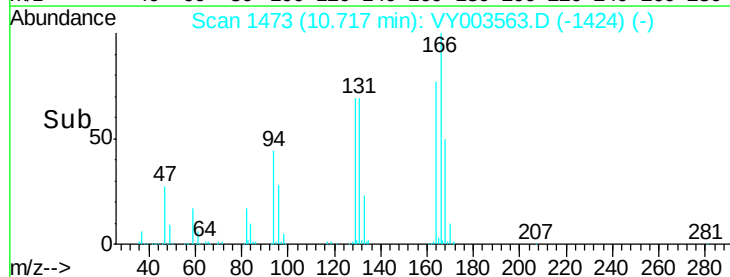
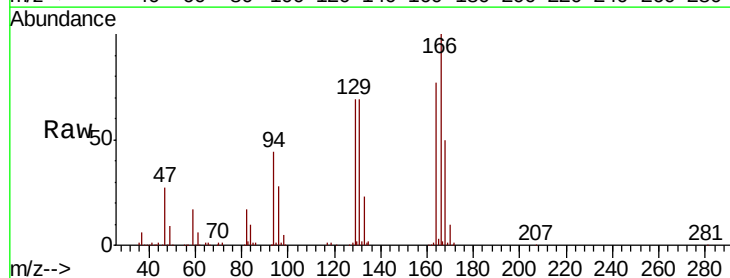
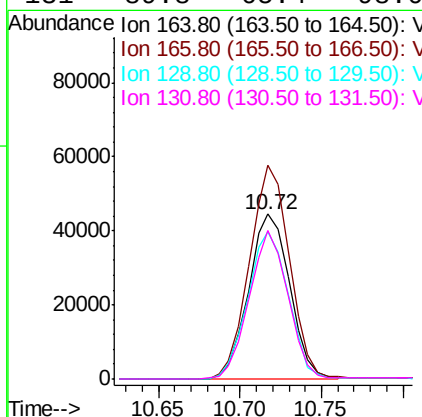
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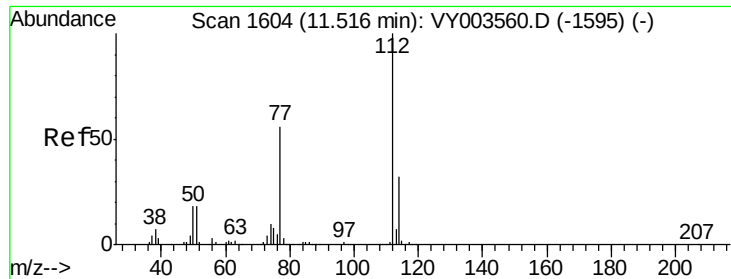
MMDadoda
11/23/2020 1:39:34 PM



#64
Tetrachloroethene
Concen: 47.022 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	99.0	148.4
129	89.0	69.1	103.7
131	89.8	65.4	98.0





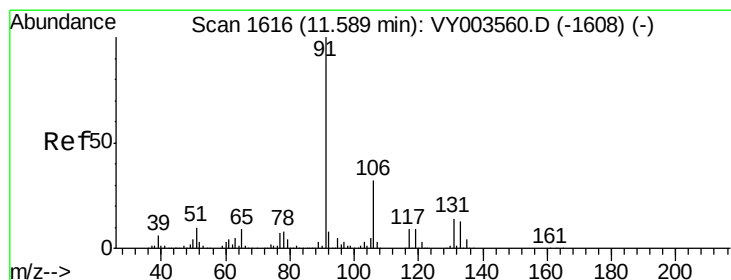
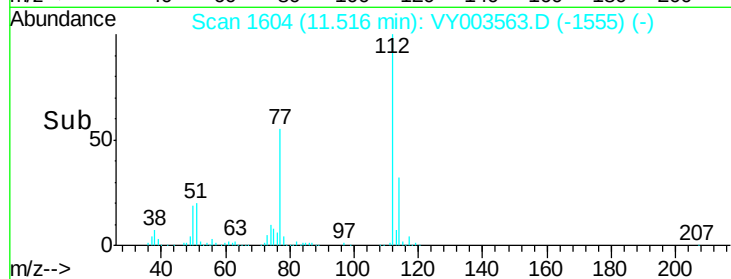
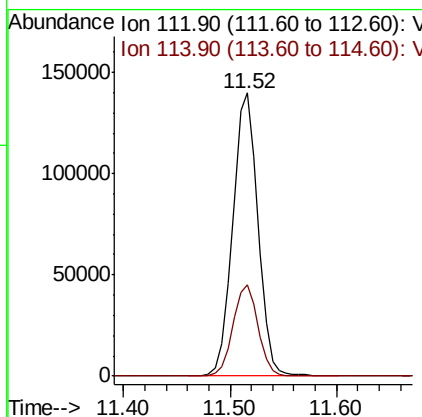
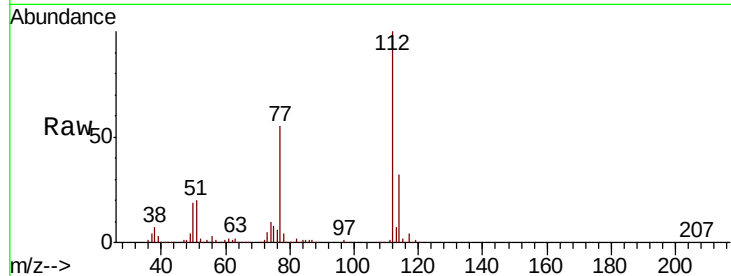
#65
Chlorobenzene
Concen: 48.258 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.3	37.9

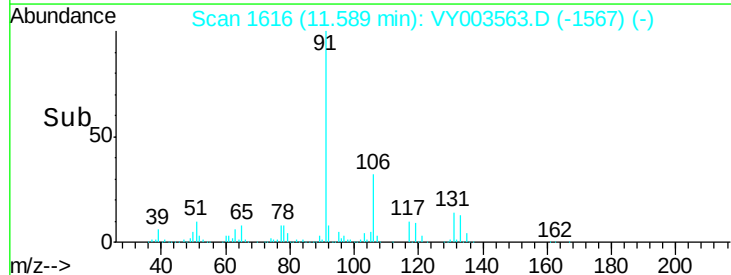
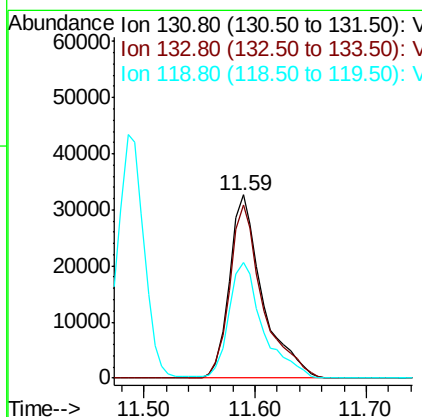
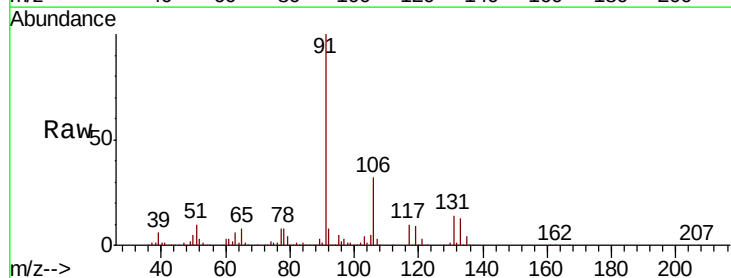
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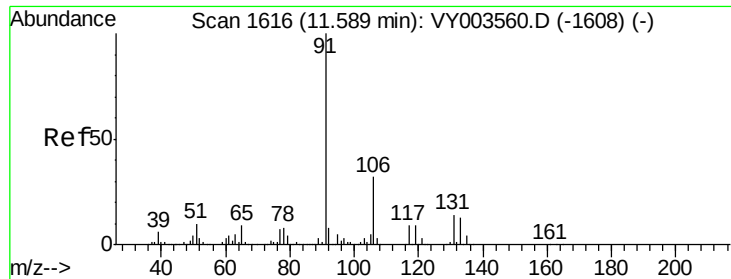
MMDadoda
11/23/2020 1:39:34 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.646 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.1	141.4
119	65.0	32.6	97.7





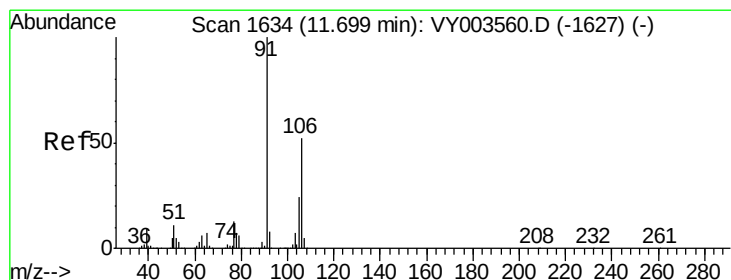
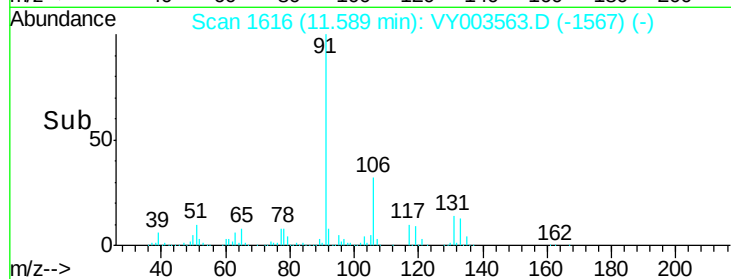
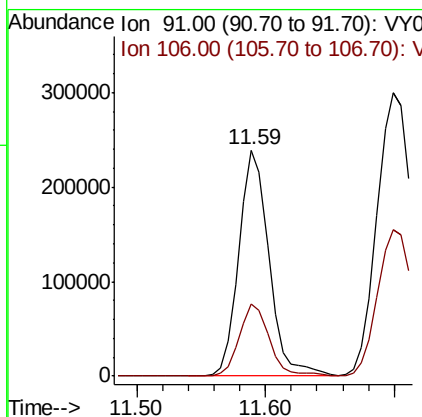
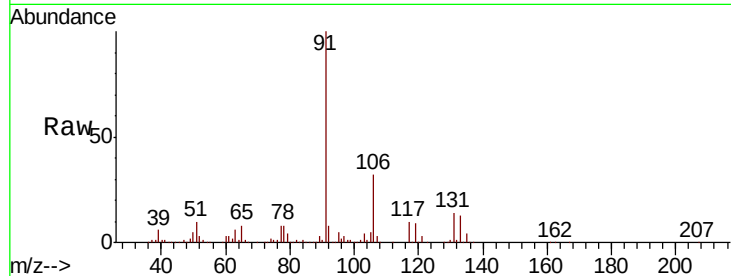
#67
Ethyl Benzene
Concen: 49.289 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112020

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.6	38.4

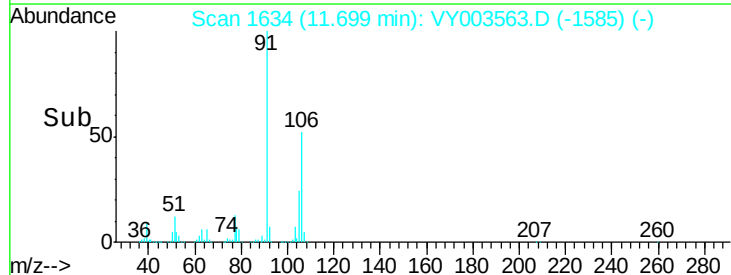
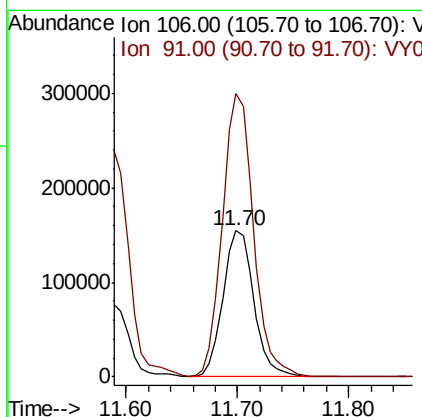
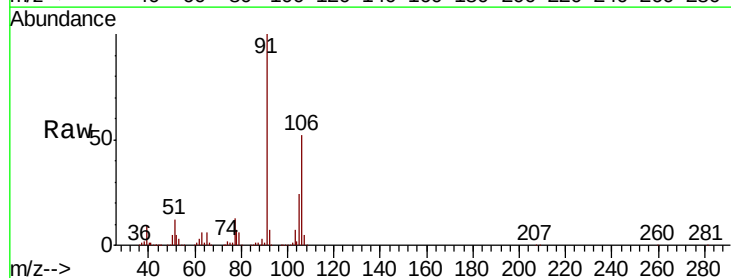
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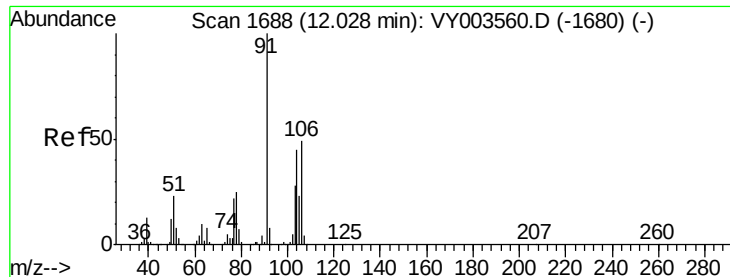
MMDadoda
11/23/2020 1:39:34 PM



#68
m/p-Xylenes
Concen: 98.753 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.2	154.2	231.4





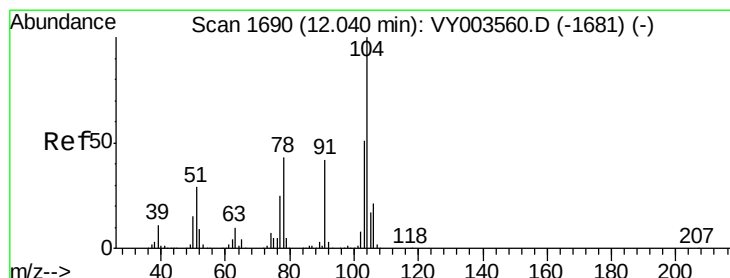
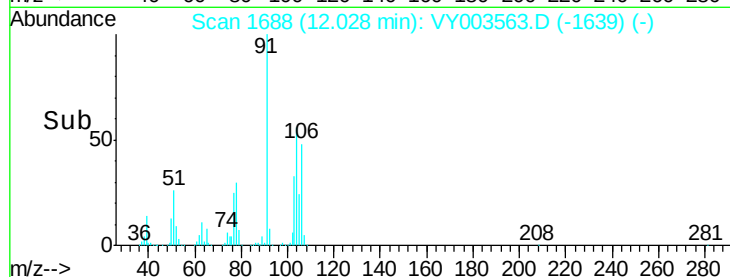
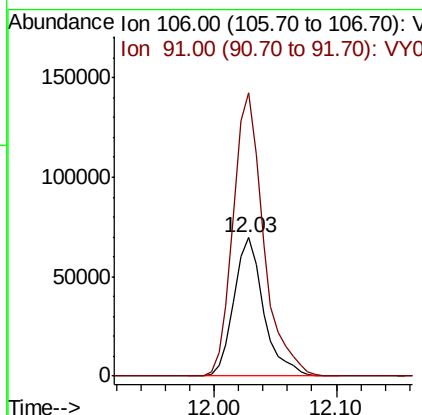
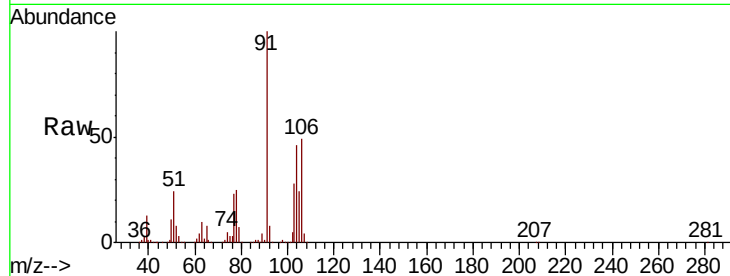
#69
o-Xylene
Concen: 48.588 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	208.0	103.1	309.1	

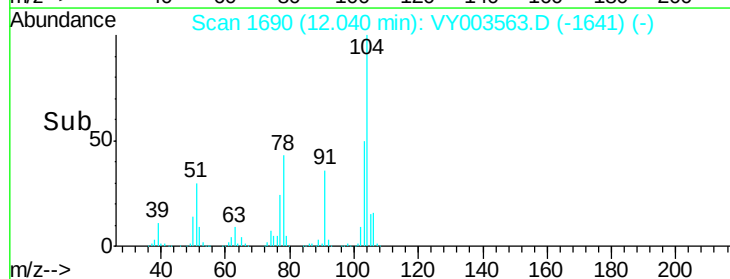
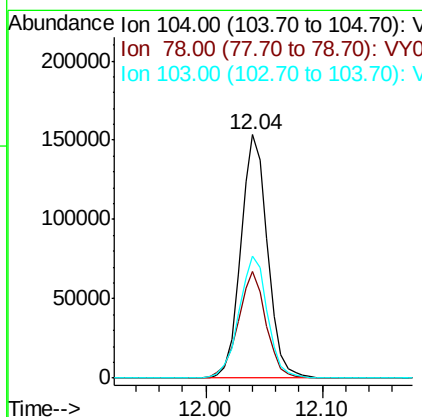
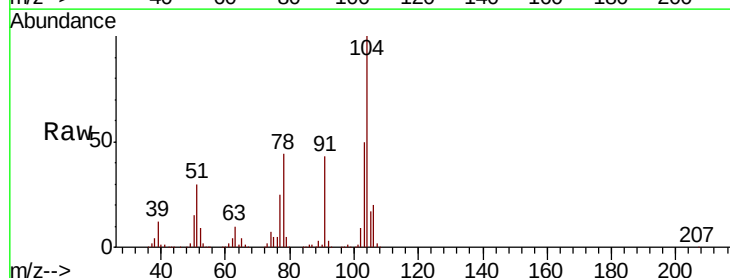
Manual Integrations
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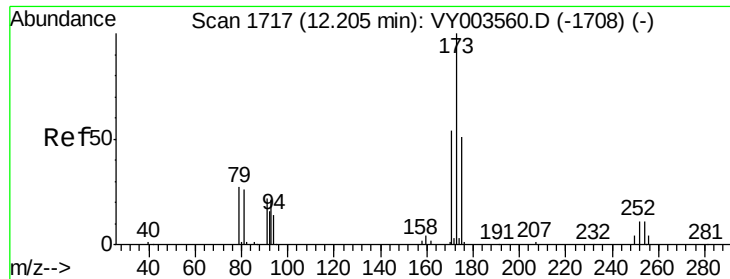
MMDadoda
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#70
Styrene
Concen: 50.303 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	45.9	36.6	54.8	
103	53.5	43.6	65.4	





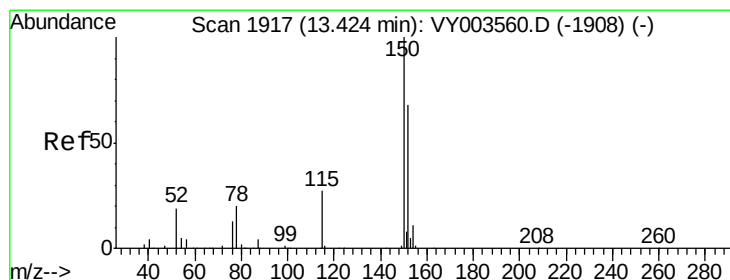
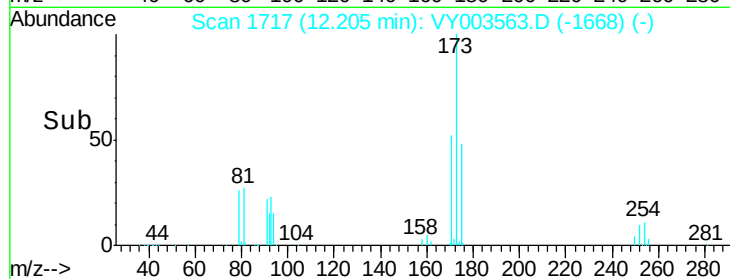
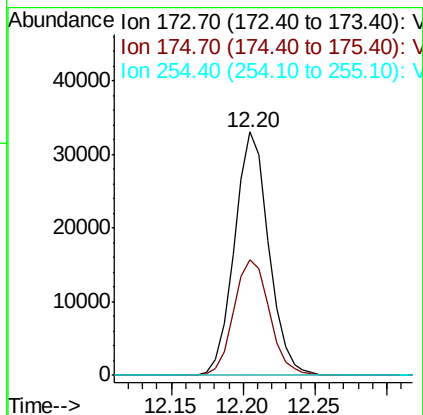
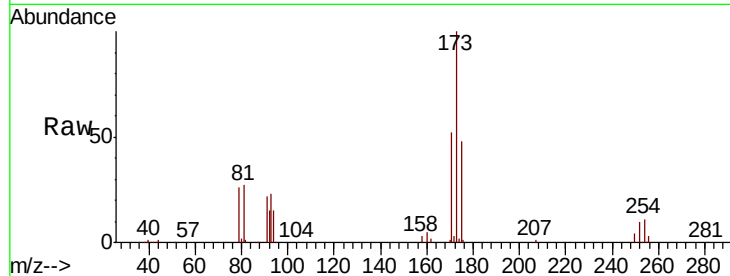
#71
Bromoform
Concen: 49.024 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112020

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.6	73.6
254	0.1	0.1	0.1

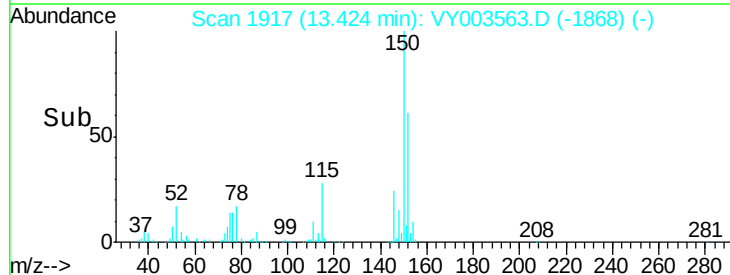
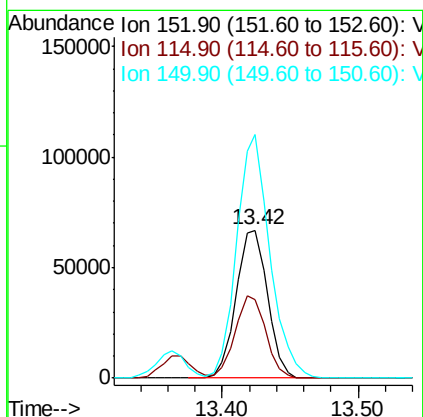
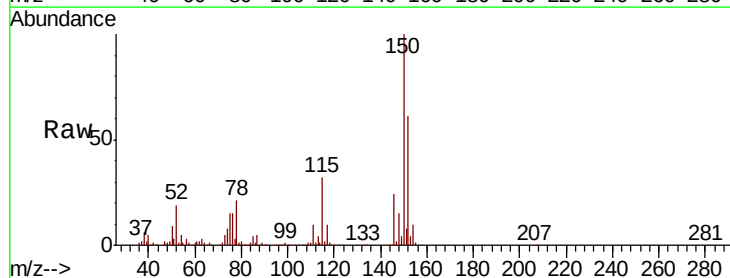
Manual Integrations
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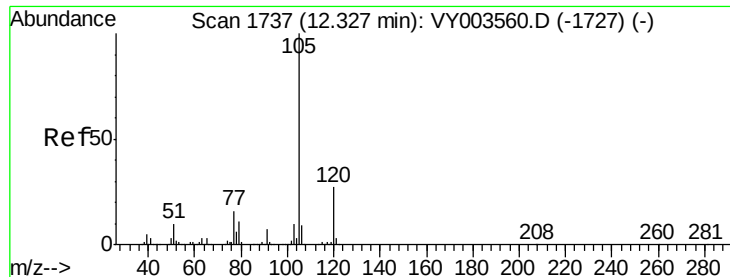
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.4	82.0
150	173.2	0.0	349.6





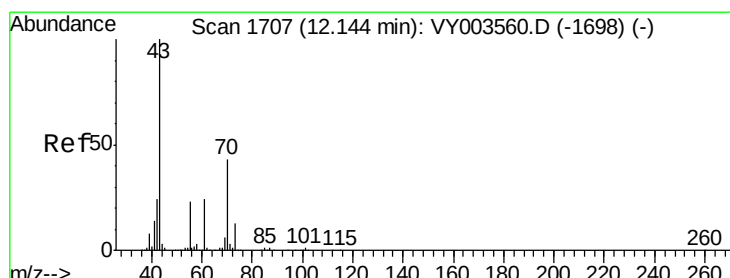
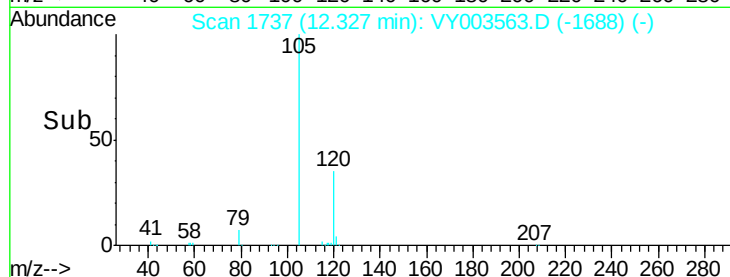
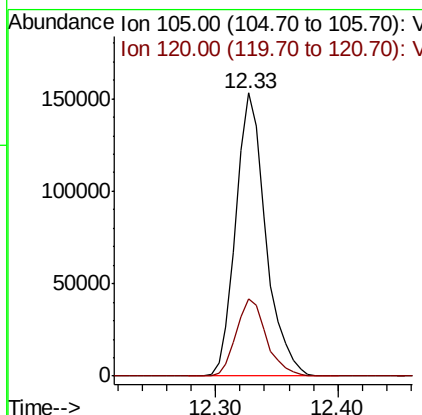
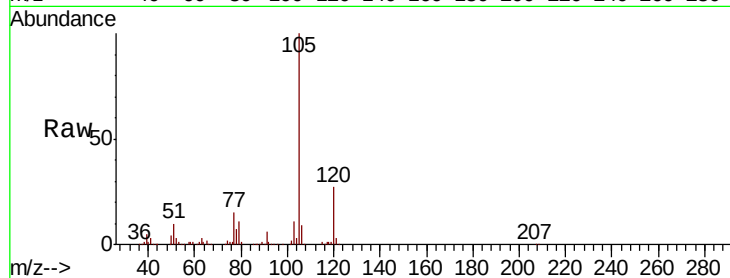
#73
Isopropylbenzene
Concen: 48.109 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112020

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.8	41.4

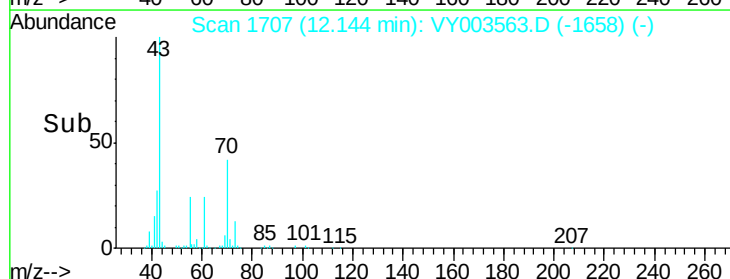
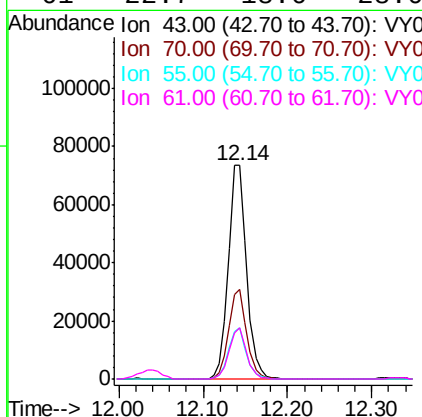
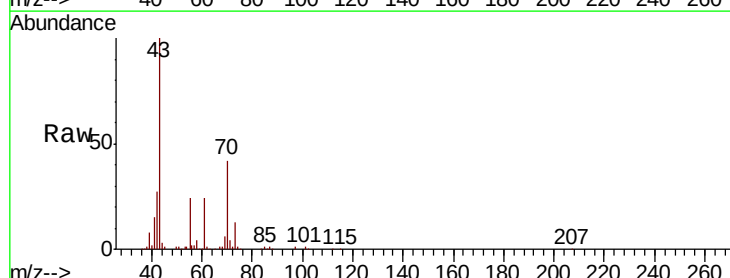
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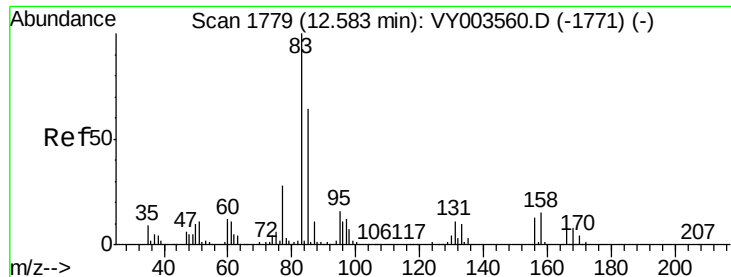
MMDadoda
11/23/2020 1:39:34 PM



#74
N-ethyl acetate
Concen: 51.616 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.8	32.2	48.4
55	23.3	18.6	28.0
61	22.7	18.6	28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.995 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

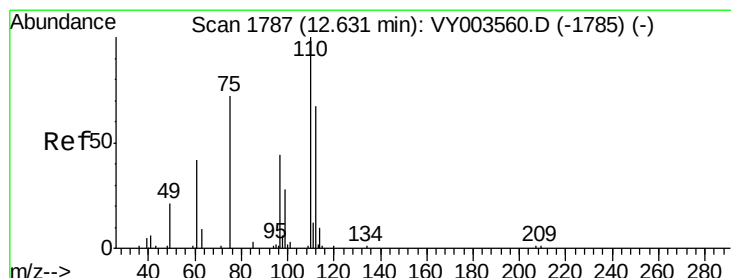
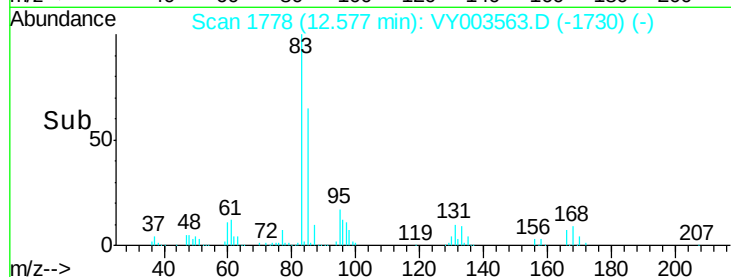
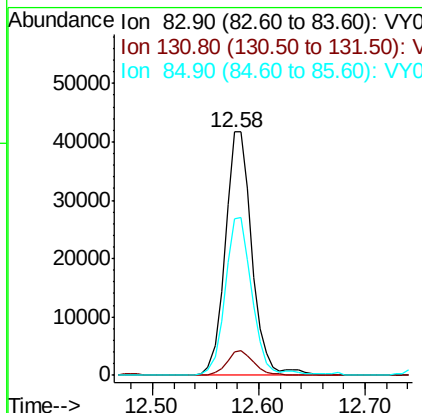
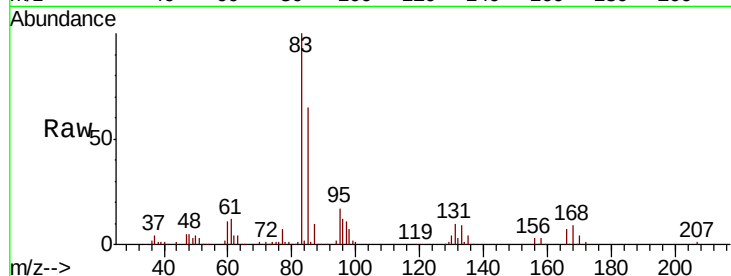
ClientSampleId :

ICVY112020

Tot Ion:	83	Resp:	73207
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	65.3	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 47.048 ug/l m

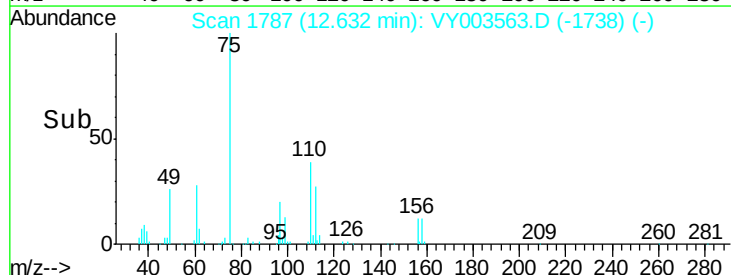
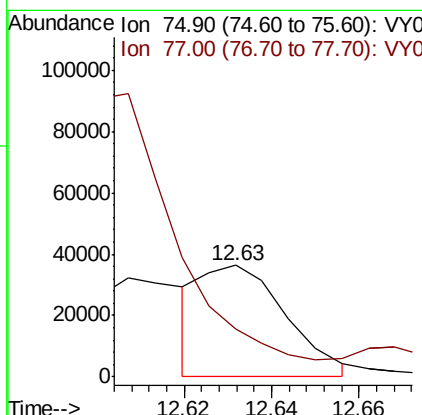
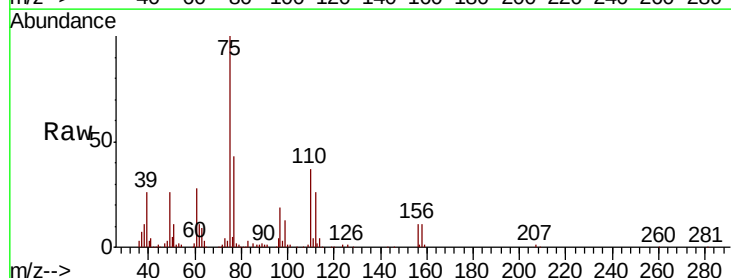
RT: 12.63 min Scan# 1787

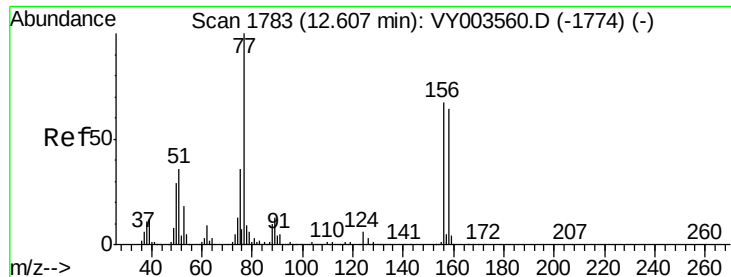
Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:	75	Resp:	49170
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.361 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

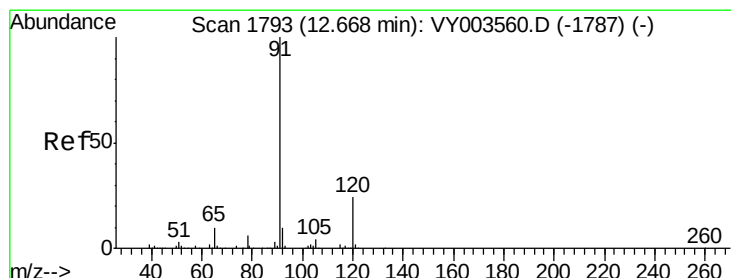
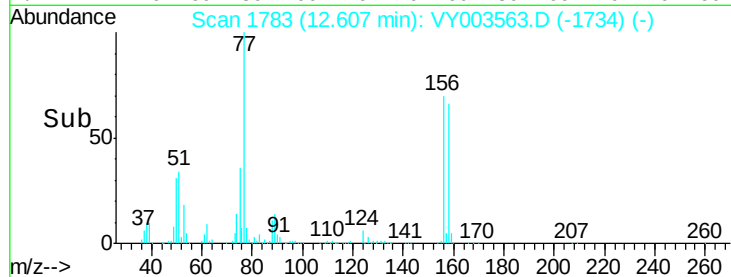
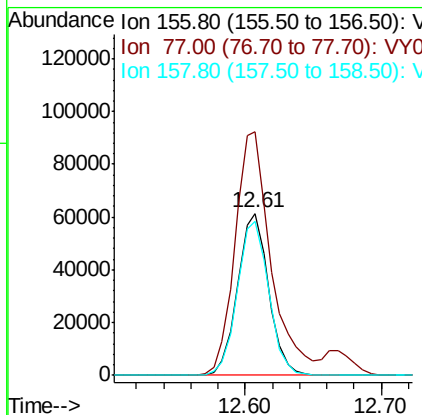
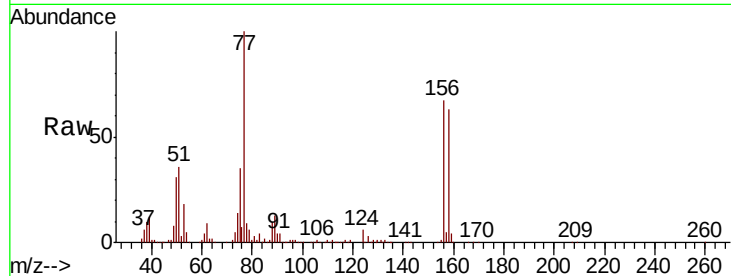
ClientSampleId :

ICVVY112020

Tot Ion	Ratio	Lower	Upper
156	100		
77	173.7	85.7	257.1
158	96.3	48.8	146.4

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#78

n-propylbenzene

Concen: 49.341 ug/l

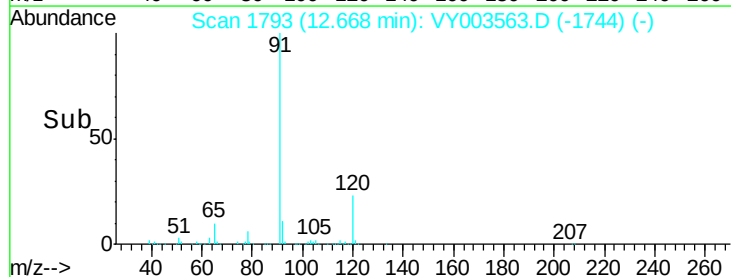
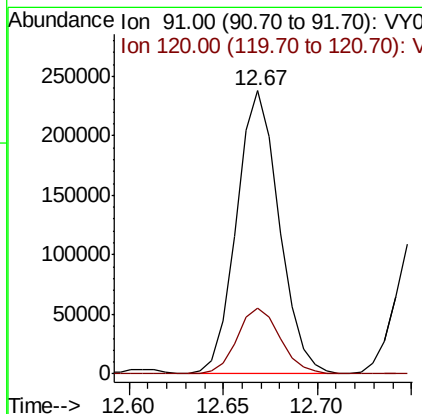
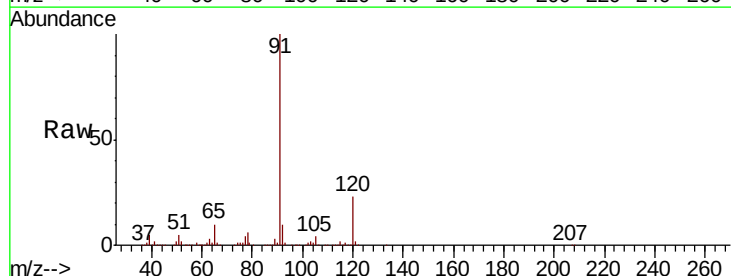
RT: 12.67 min Scan# 1793

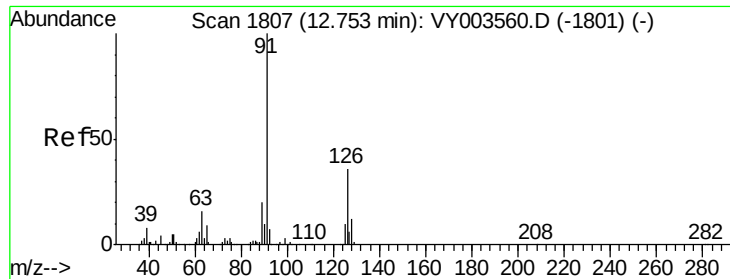
Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.0	36.1





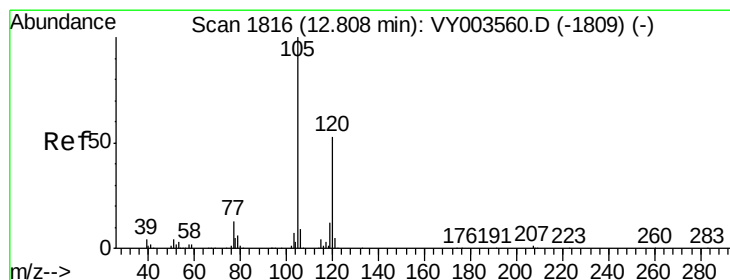
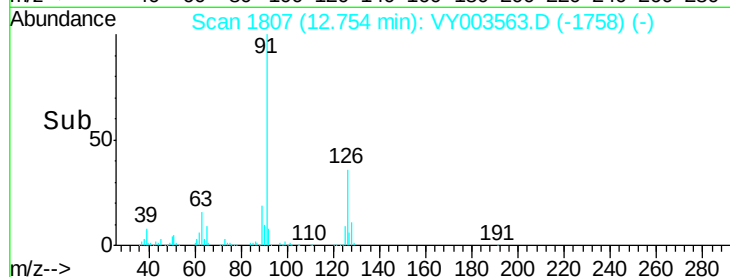
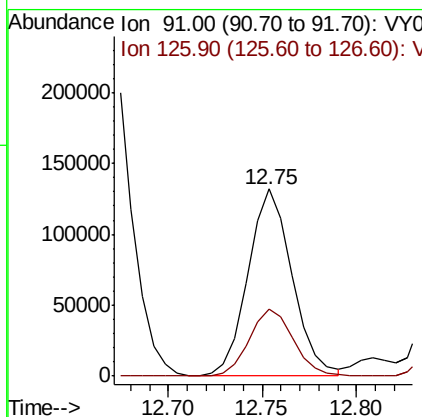
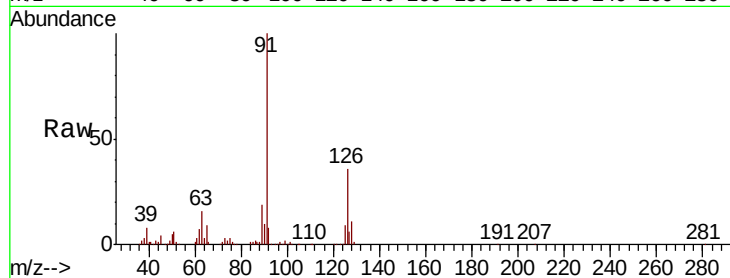
#79
2-Chlorotoluene
Concen: 48.939 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.1	18.1	54.3

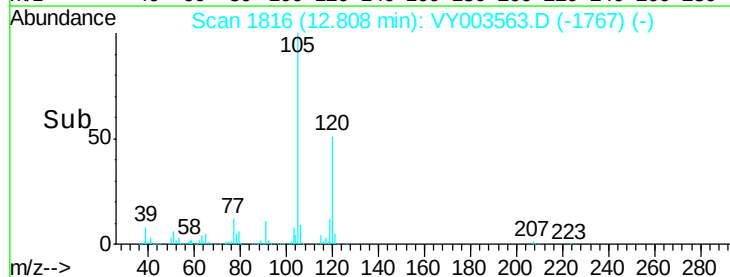
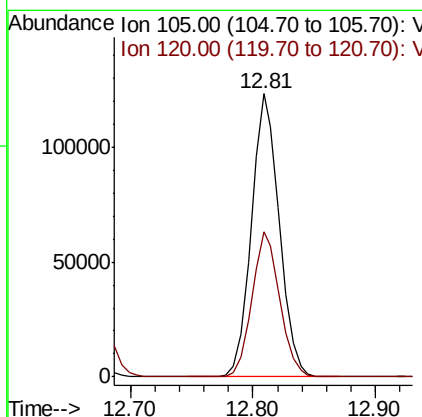
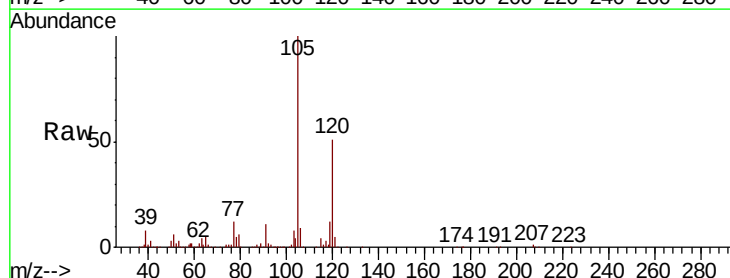
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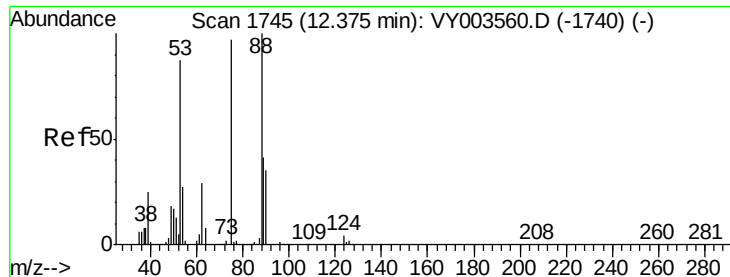
MMDadoda
11/23/2020 1:39:34 PM



#80
1,3,5-Trimethylbenzene
Concen: 48.260 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.1	26.3	78.8





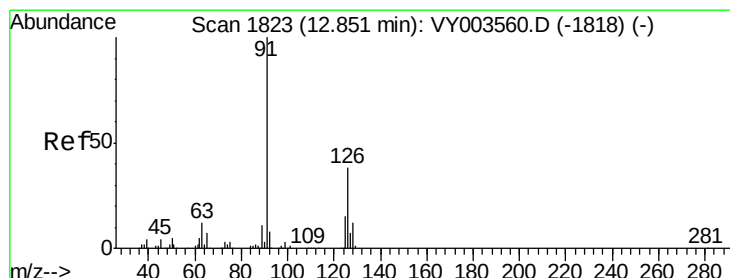
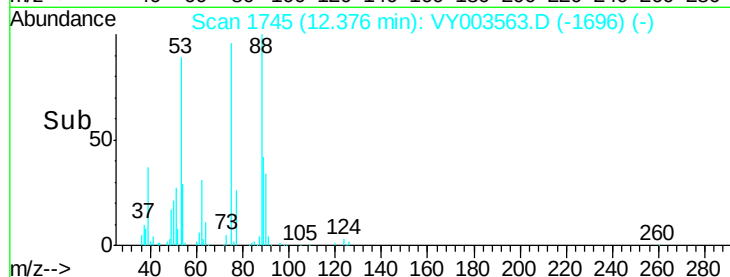
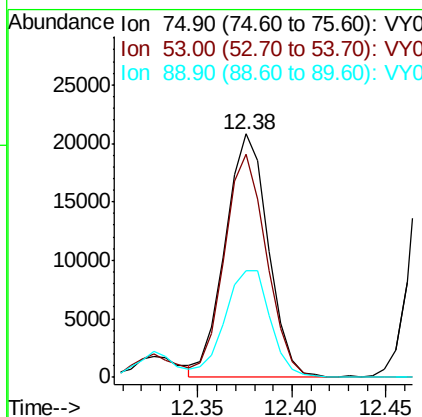
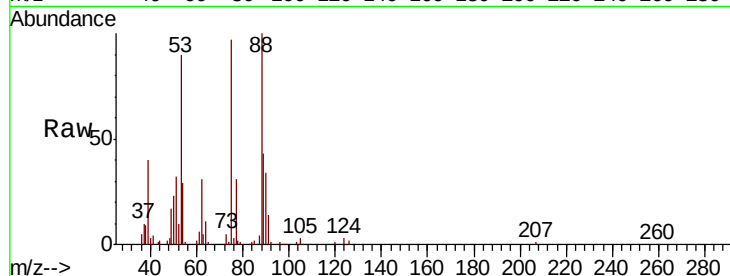
#81
trans-1,4-Dichloro-2-butene
Concen: 49.606 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112020

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.9	71.4	107.2
89	47.0	34.7	52.1

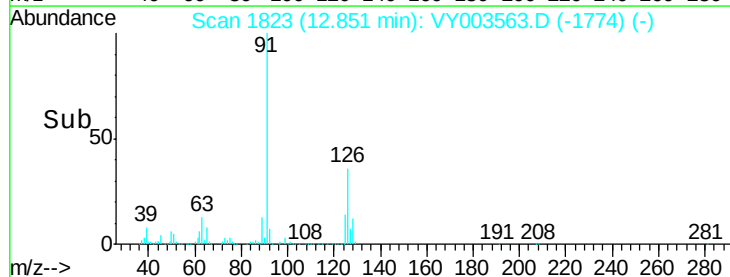
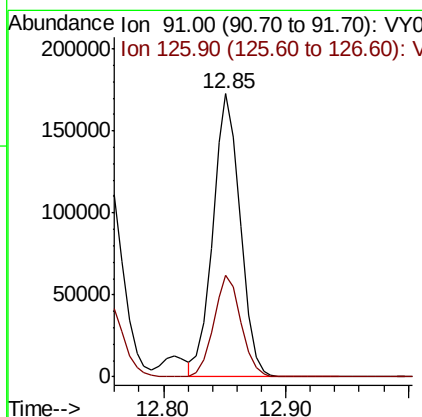
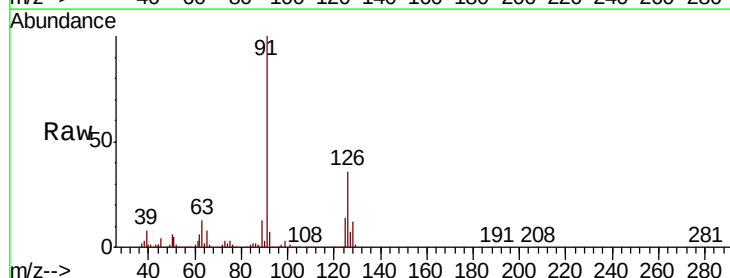
Manual Integrations
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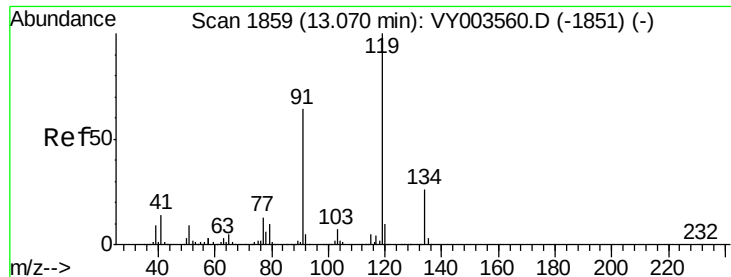
MMDadoda
11/23/2020 1:39:34 PM



#82
4-Chlorotoluene
Concen: 50.267 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	18.1	54.3





#83

tert-Butylbenzene

Concen: 48.861 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

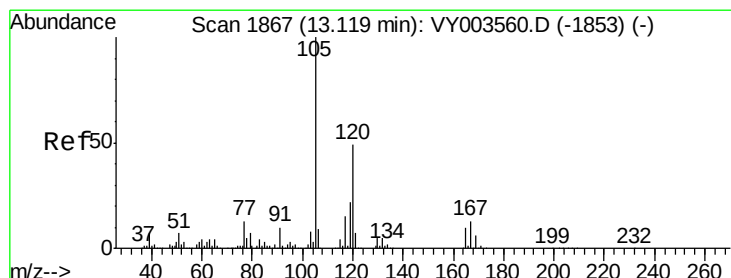
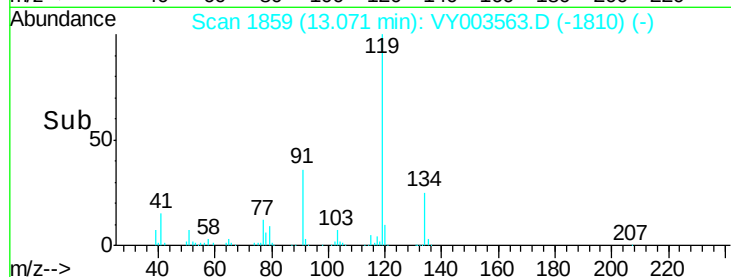
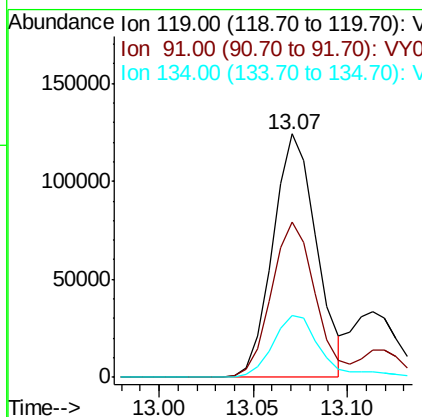
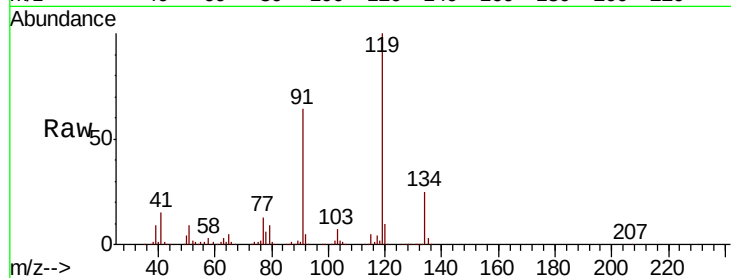
ClientSampleId :

ICVY112020

Tot Ion:	119	Resp:	199603
Ion Ratio	Lower	Upper	
119	100		
91	64.2	31.8	95.3
134	27.9	14.1	42.2

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 49.966 ug/l

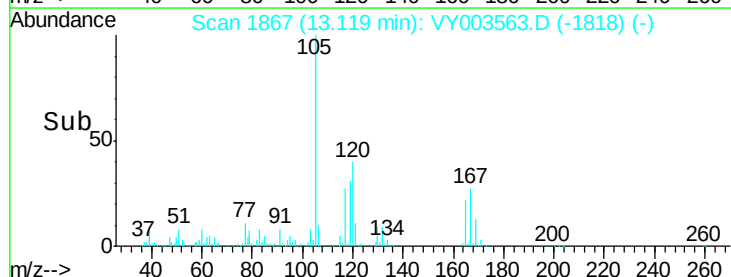
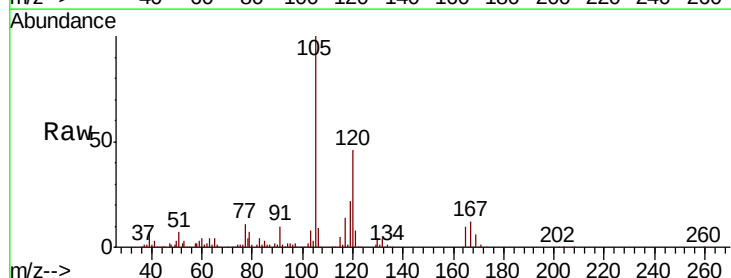
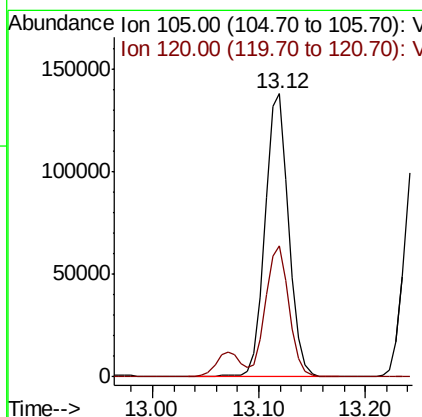
RT: 13.12 min Scan# 1867

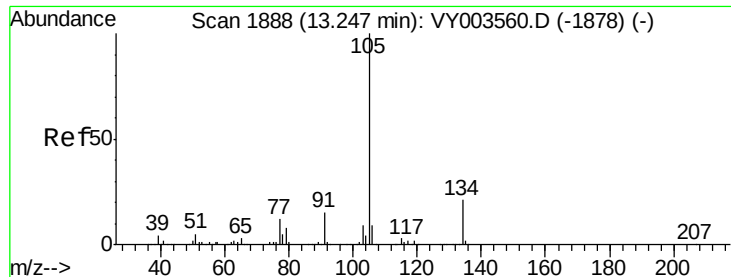
Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:	105	Resp:	214709
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.8	71.4





#85

sec-Butylbenzene

Concen: 47.719 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ICVY112020

Tot Ion:105 Resp: 220654

Ion Ratio Lower Upper

105 100

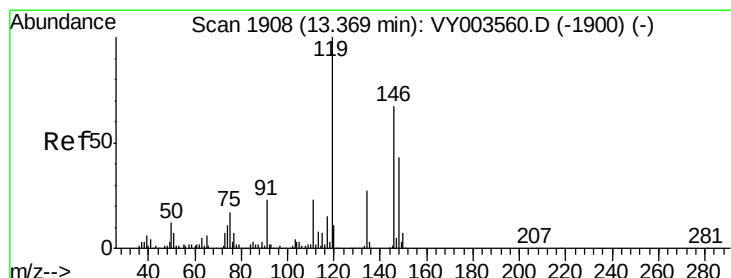
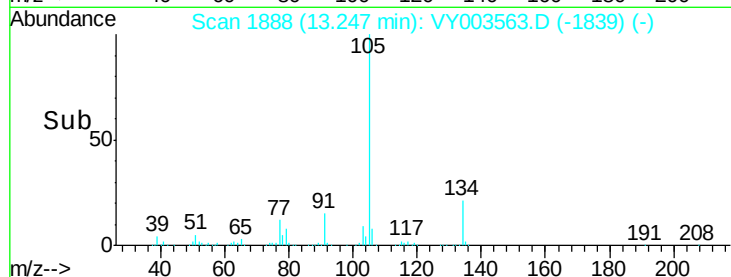
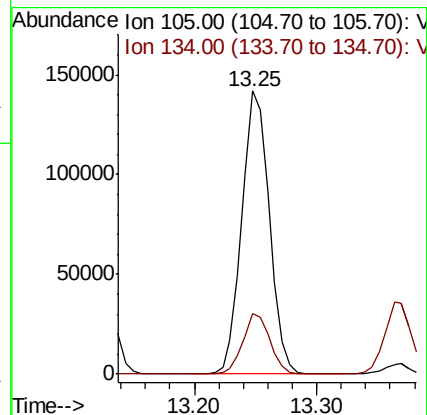
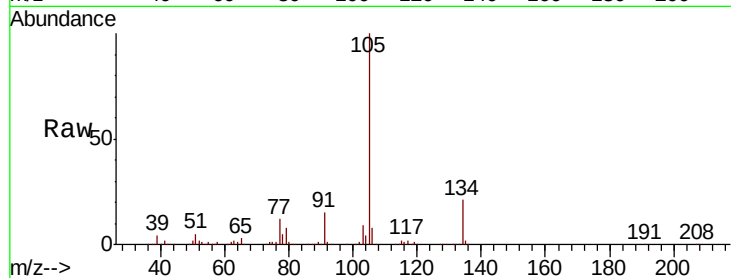
134 21.1 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 48.481 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

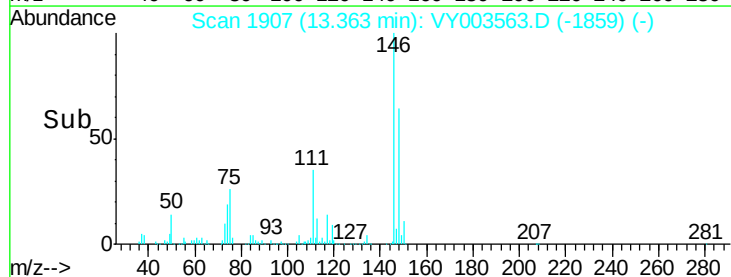
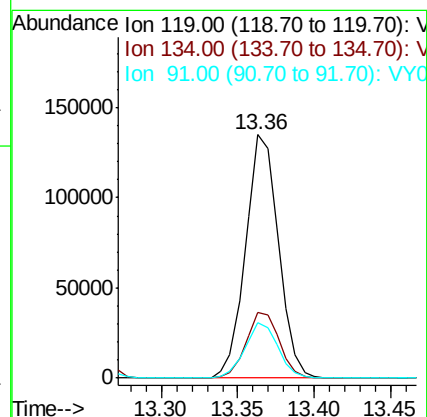
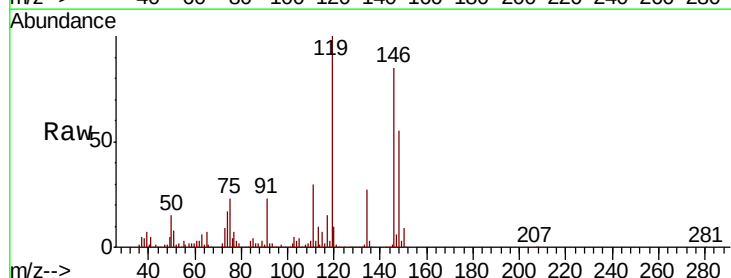
Tgt Ion:119 Resp: 201147

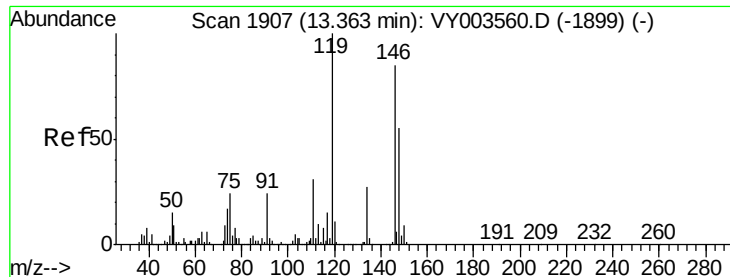
Ion Ratio Lower Upper

119 100

134 27.4 13.8 41.4

91 23.0 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 49.065 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

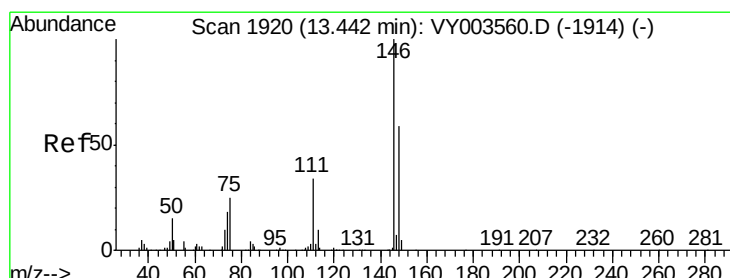
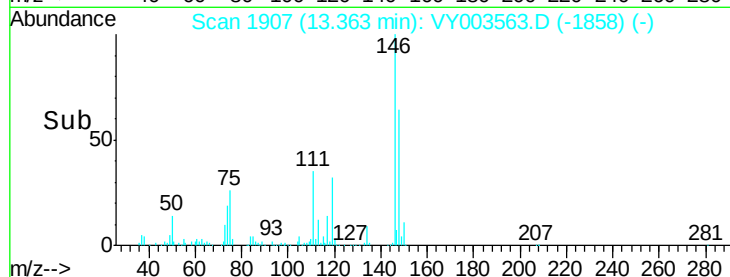
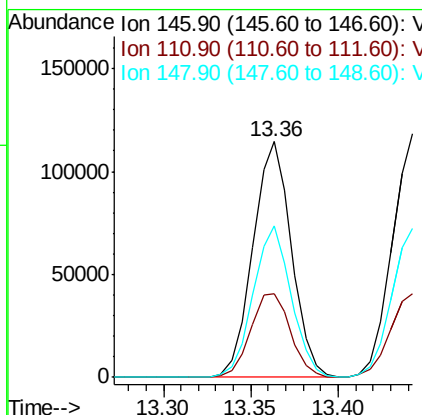
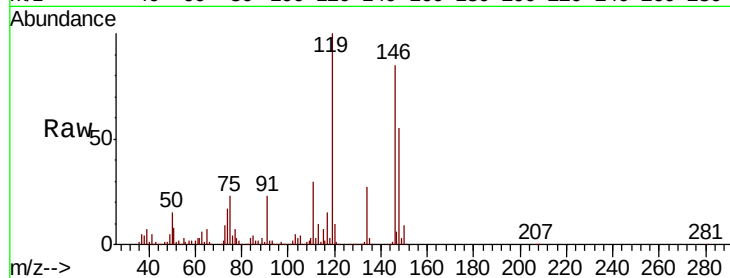
Instrument :
MSVOA_Y

ClientSampleId :
ICVVY112020

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.3	54.9
148	63.4	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.014 ug/l

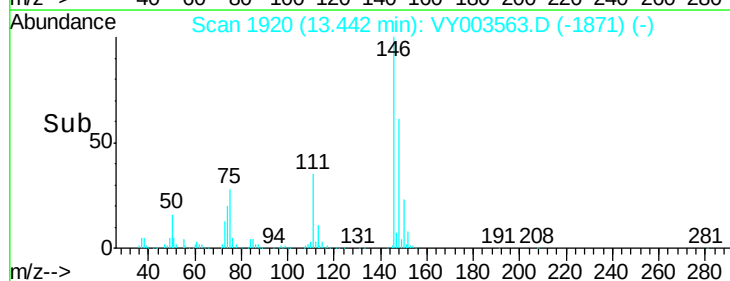
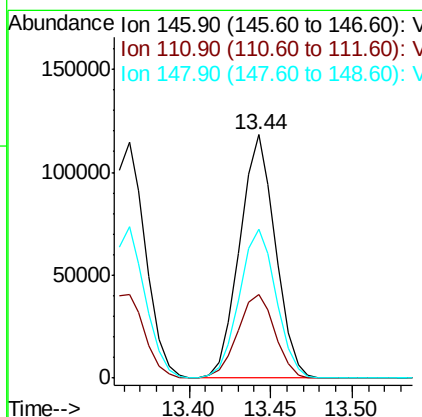
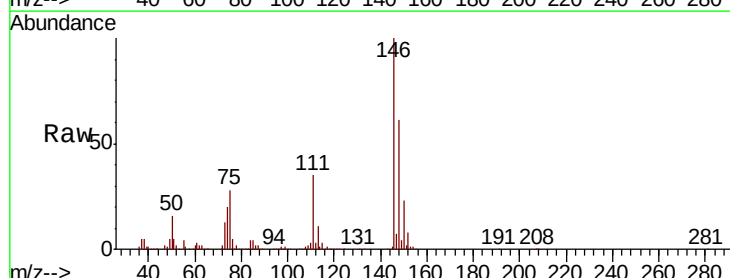
RT: 13.44 min Scan# 1920

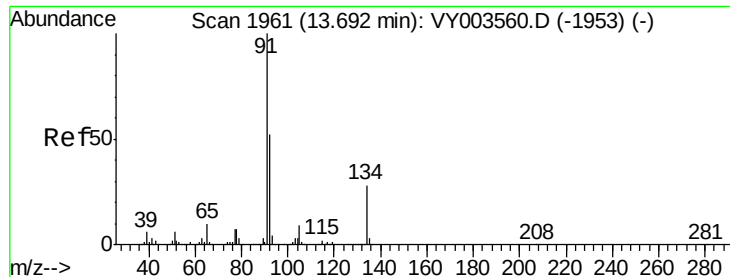
Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.8	53.4
148	63.1	31.1	93.2





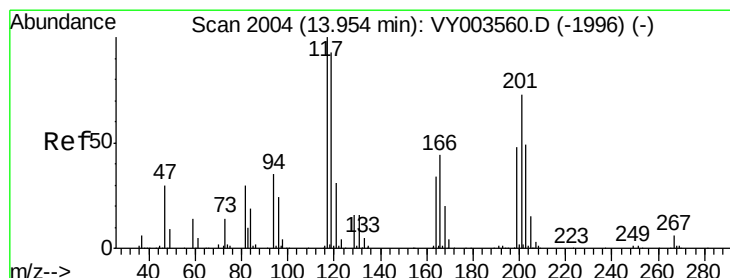
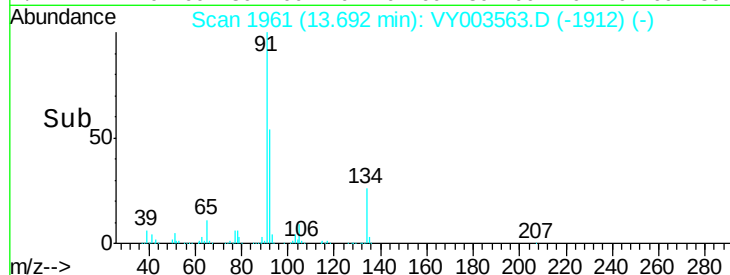
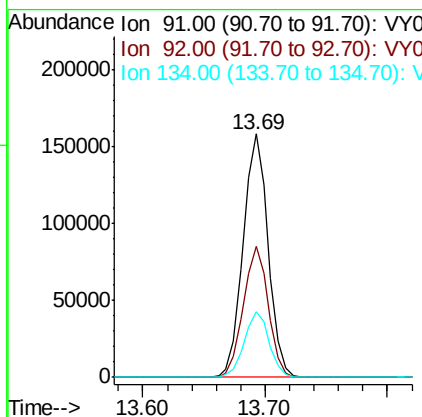
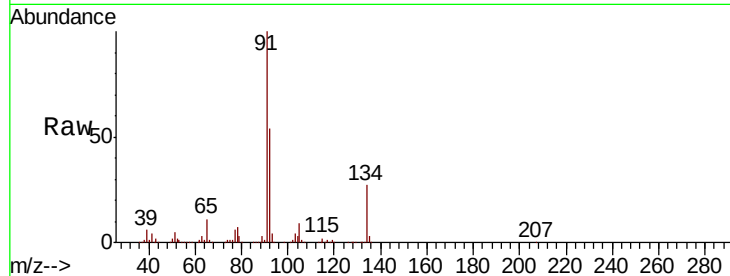
#89
n-Butylbenzene
Concen: 50.278 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.4	79.0
134	27.0	13.9	41.7

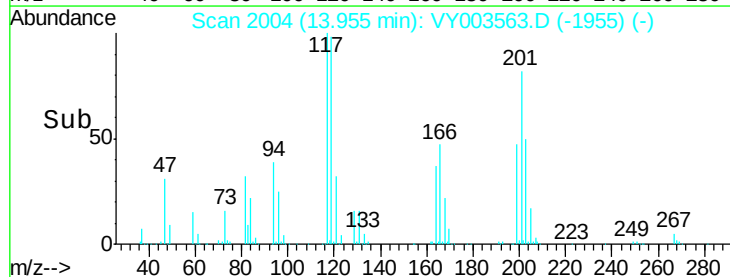
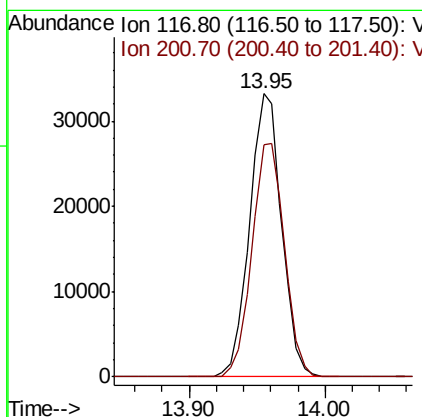
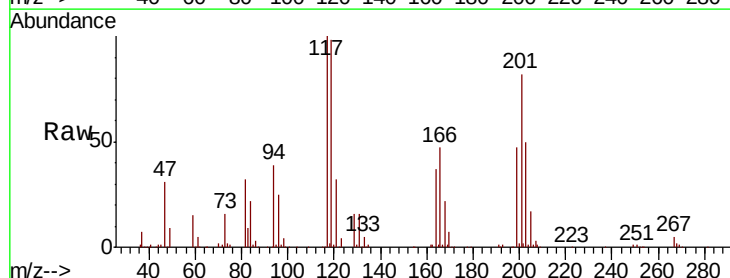
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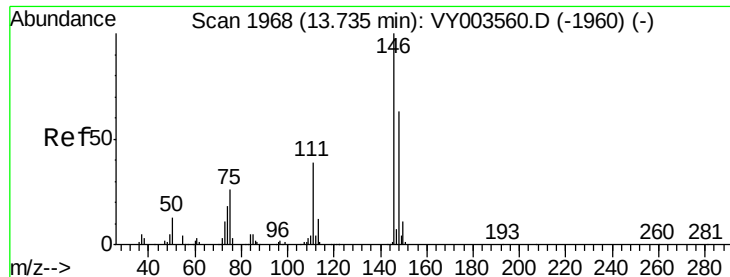
MMDadoda
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#90
Hexachloroethane
Concen: 49.919 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	41.3	123.9





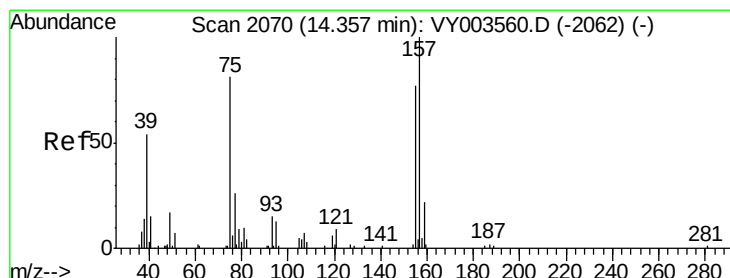
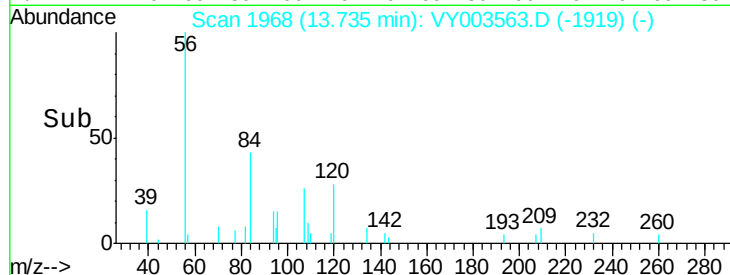
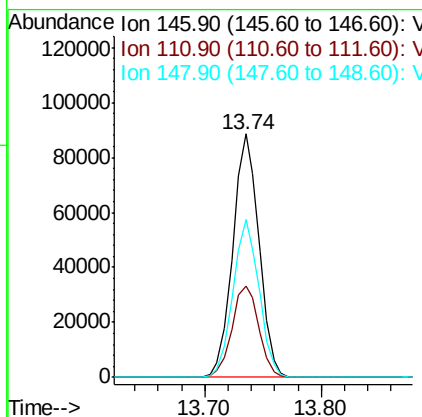
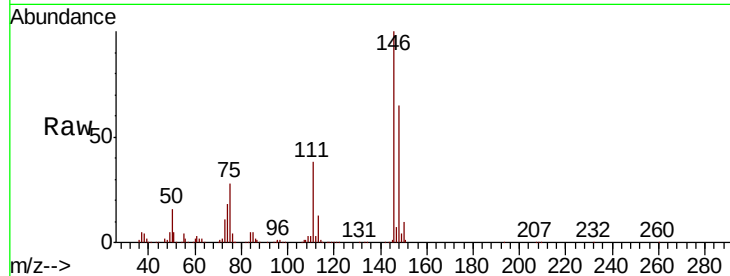
#91
 1,2-Dichlorobenzene
 Concen: 48.155 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.5
148	64.5	31.9	95.7

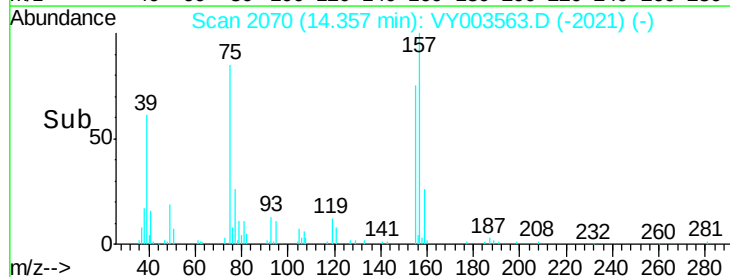
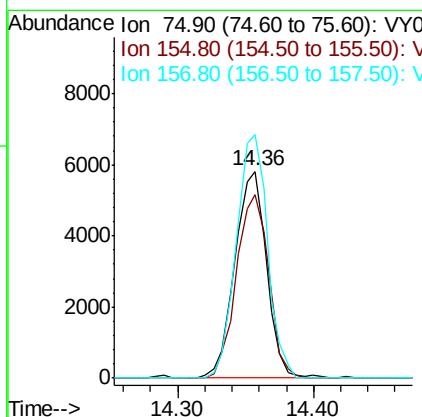
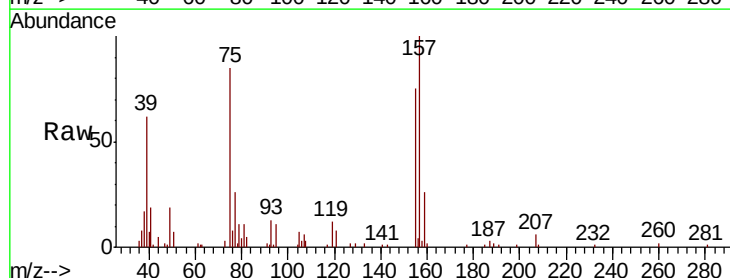
Manual Integrations
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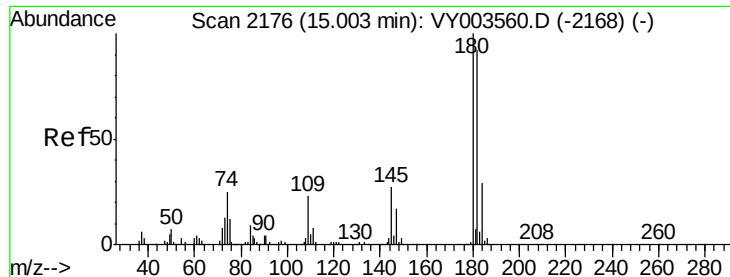
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 11/23/2020 1:39:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.871 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	45.4	136.2
157	115.0	59.7	179.1





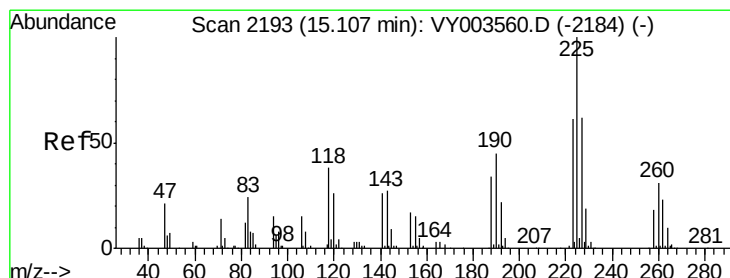
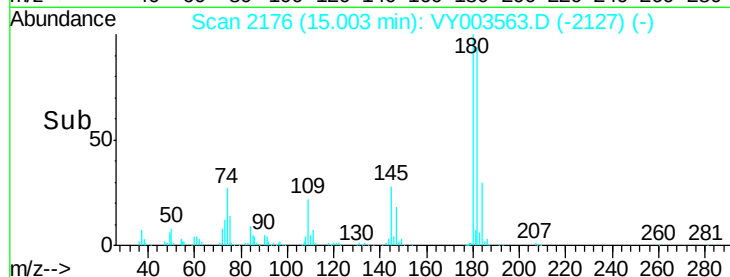
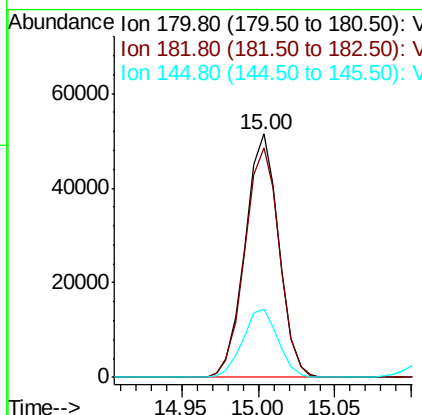
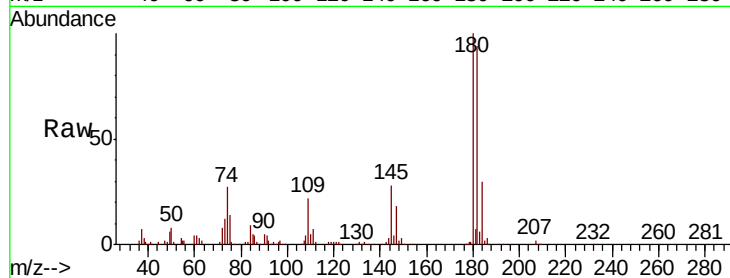
#93
 1,2,4-Trichlorobenzene
 Concen: 48.964 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112020

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.4	142.3
145	29.1	14.1	42.4

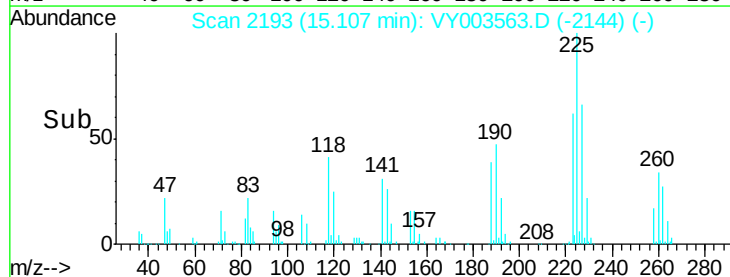
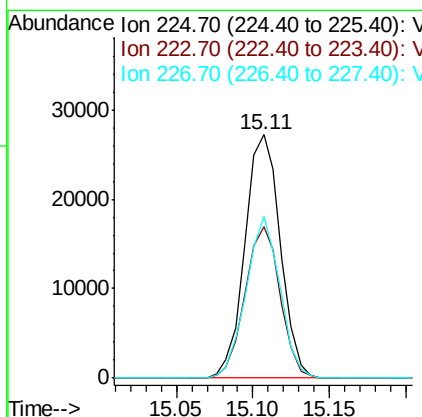
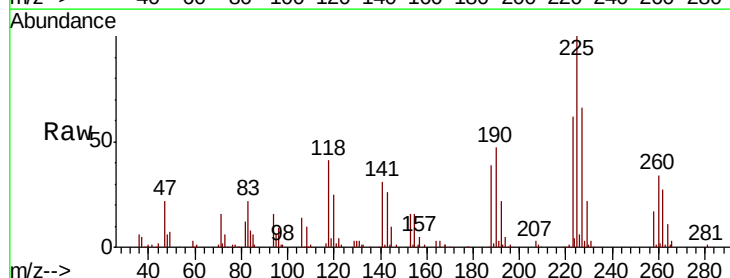
Manual Integrations
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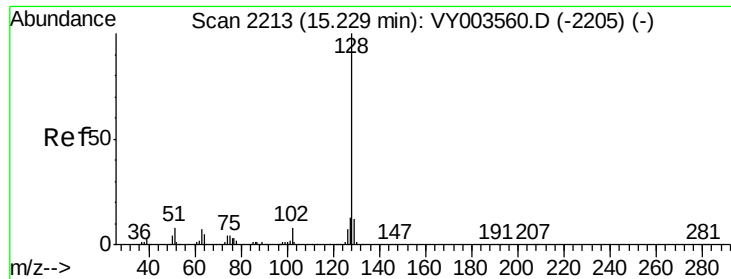
MMDadoda
 11/23/2020 1:39:34 PM



#94
 Hexachlorobutadiene
 Concen: 49.058 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.0	96.0
227	63.7	31.6	94.7





#95

Naphthalene

Concen: 51.340 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

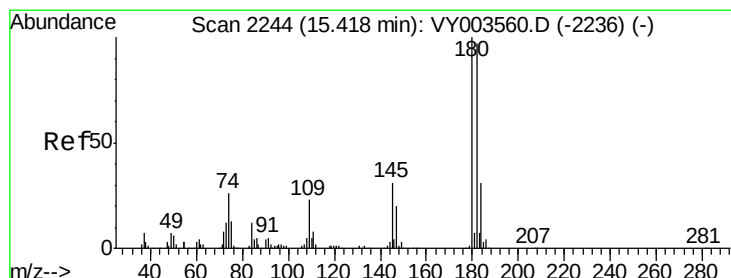
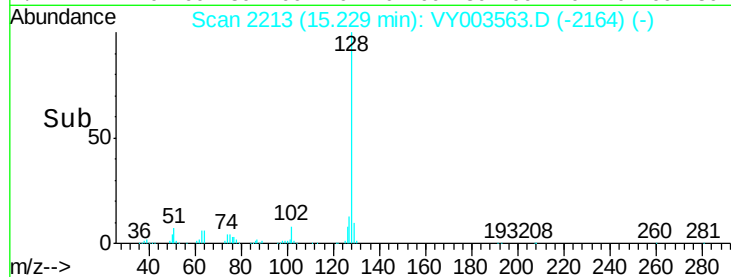
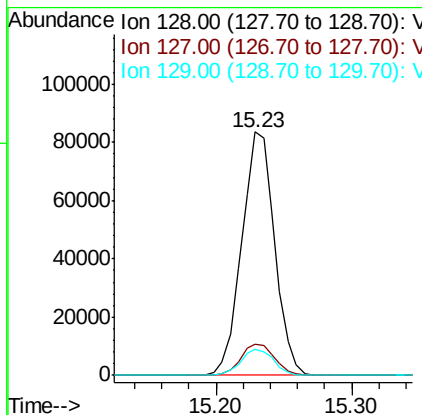
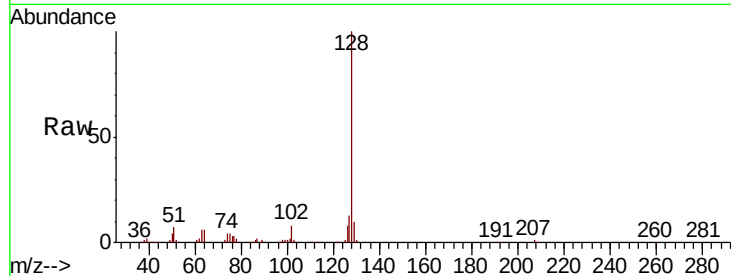
ClientSampleId :

ICVY112020

Tot Ion:	128	Resp:	141034
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.6	9.0	13.4

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:39:34 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.314 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:	180	Resp:	58358
Ion Ratio	Lower	Upper	
180	100		
182	93.0	47.4	142.2
145	30.4	15.5	46.5

