

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071320\
 Data File : VY003179.D
 Acq On : 13 Jul 2020 12:02
 Operator : SY/MD
 Sample : VY0713SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:37:16 AM

Quant Time: Jul 14 04:05:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	522656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	753200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	695053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	368433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	201117	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
35) Dibromofluoromethane	7.72	113	196723	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
50) Toluene-d8	10.18	98	718945	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
62) 4-Bromofluorobenzene	12.48	95	259642	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	83130	22.191	ug/l	96
3) Chloromethane	2.12	50	113259	21.797	ug/l	98
4) Vinyl Chloride	2.26	62	108374	20.328	ug/l	97
5) Bromomethane	2.65	94	82498	20.834	ug/l	99
6) Chloroethane	2.79	64	69642	19.889	ug/l	100
7) Trichlorofluoromethane	3.13	101	153043	20.101	ug/l	96
8) Diethyl Ether	3.54	74	50609	19.837	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	93503	20.335	ug/l	99
10) Methyl Iodide	4.10	142	92452	18.506	ug/l	100
11) Tert butyl alcohol	4.96	59	47788	100.182	ug/l	98
12) 1,1-Dichloroethene	3.88	96	85821	19.733	ug/l	96
13) Acrolein	3.74	56	42006	101.456	ug/l	98
14) Allyl chloride	4.48	41	135318	20.968	ug/l	98
15) Acrylonitrile	5.17	53	120544	98.361	ug/l	98
16) Acetone	3.96	43	95641	97.060	ug/l	95
17) Carbon Disulfide	4.20	76	274558	20.573	ug/l	99
18) Methyl Acetate	4.48	43	54145	19.786	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	242540	19.900	ug/l	98
20) Methylene Chloride	4.72	84	107836	18.263	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	95972	19.510	ug/l	96
22) Diisopropyl ether	6.13	45	294428	20.557	ug/l	97
23) Vinyl Acetate	6.07	43	956267	100.170	ug/l	99
24) 1,1-Dichloroethane	6.03	63	168115	20.260	ug/l	100
25) 2-Butanone	6.99	43	156934	96.999	ug/l	98
26) 2,2-Dichloropropane	6.99	77	151309	20.248	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	108131	19.965	ug/l	98
28) Bromochloromethane	7.34	49	73934	20.580	ug/l	98
29) Tetrahydrofuran	7.35	42	106492	97.980	ug/l	100
30) Chloroform	7.51	83	169792	19.867	ug/l	99
31) Cyclohexane	7.78	56	161156	20.085	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	154927	20.137	ug/l	99
36) 1,1-Dichloropropene	7.92	75	133659	19.579	ug/l	98
37) Ethyl Acetate	7.08	43	73429	19.974	ug/l	100
38) Carbon Tetrachloride	7.91	117	140118	19.882	ug/l	98

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	169565	19.773	ug/l	97
40) Benzene	8.16	78	379436	20.186	ug/l	99
41) Methacrylonitrile	7.33	41	46655m	21.072	ug/l	
42) 1,2-Dichloroethane	8.24	62	115794	20.010	ug/l	99
43) Isopropyl Acetate	8.28	43	138670	19.487	ug/l	99
44) Trichloroethene	8.94	130	114783	19.920	ug/l	97
45) 1,2-Dichloropropane	9.22	63	97950	20.139	ug/l	95
46) Dibromomethane	9.31	93	55272	19.457	ug/l	98
47) Bromodichloromethane	9.50	83	136095	20.144	ug/l	99
48) Methyl methacrylate	9.30	41	62479	19.640	ug/l	98
49) 1,4-Dioxane	9.30	88	14253	395.331	ug/l #	89
51) 4-Methyl-2-Pentanone	10.07	43	362455	97.997	ug/l	100
52) Toluene	10.24	92	243277	20.249	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	142292	20.327	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	163044	20.215	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	79867	19.841	ug/l	96
56) Ethyl methacrylate	10.51	69	107461	19.636	ug/l	96
57) 1,3-Dichloropropane	10.79	76	135509	19.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	278729	99.865	ug/l	99
59) 2-Hexanone	10.83	43	251162	97.277	ug/l	100
60) Dibromochloromethane	10.99	129	100643	19.878	ug/l	100
61) 1,2-Dibromoethane	11.09	107	76344	19.216	ug/l	99
64) Tetrachloroethene	10.72	164	122052	19.694	ug/l	98
65) Chlorobenzene	11.52	112	263570	19.684	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.59	131	102127	19.638	ug/l	99
67) Ethyl Benzene	11.59	91	470927	19.698	ug/l	98
68) m/p-Xylenes	11.71	106	360625	39.755	ug/l	100
69) o-Xylene	12.03	106	169291	19.977	ug/l	100
70) Styrene	12.05	104	288635	19.910	ug/l	99
71) Bromoform	12.20	173	67240	19.700	ug/l #	98
73) Isopropylbenzene	12.33	105	463963	19.761	ug/l	100
74) N-amyl acetate	12.14	43	129655	19.681	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	87202	19.230	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	64991m	19.928	ug/l	
77) Bromobenzene	12.61	156	117520	19.636	ug/l	98
78) n-propylbenzene	12.67	91	548437	19.816	ug/l	99
79) 2-Chlorotoluene	12.75	91	310204	20.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	390343	19.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	31902	19.038	ug/l	96
82) 4-Chlorotoluene	12.85	91	323011	20.042	ug/l	99
83) tert-Butylbenzene	13.08	119	340332	19.710	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	394786	20.051	ug/l	99
85) sec-Butylbenzene	13.25	105	471381	19.863	ug/l	100
86) p-Isopropyltoluene	13.37	119	440337	19.872	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	224201	19.810	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	220015	19.635	ug/l	99
89) n-Butylbenzene	13.70	91	415360	19.928	ug/l	100
90) Hexachloroethane	13.96	117	79774	19.769	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	195547	19.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13636	18.548	ug/l	99

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ClientSampleId :
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	135284	19.147	ug/l	97
94) Hexachlorobutadiene	15.11	225	96323	19.895	ug/l	98
95) Naphthalene	15.23	128	208599	17.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	102825	18.410	ug/l	96

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

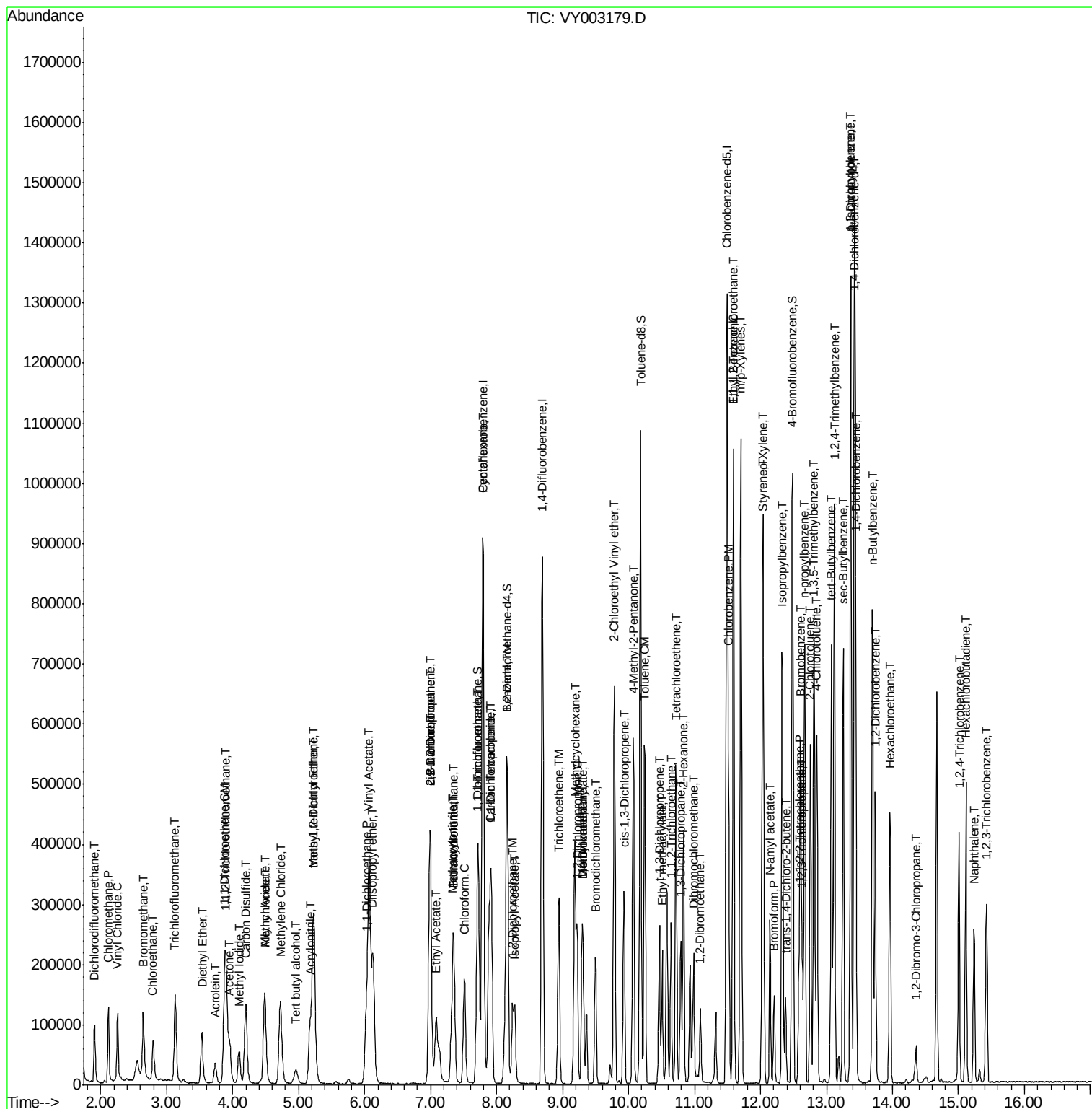
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Data File : VY003179.D
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Operator : SY/MD
Sample : VY0713SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

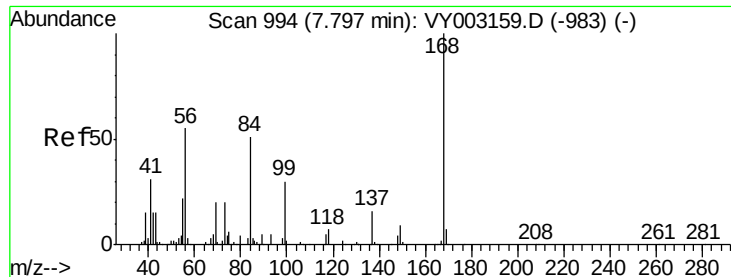
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion:168 Resp: 522656

Ion Ratio Lower Upper

168 100

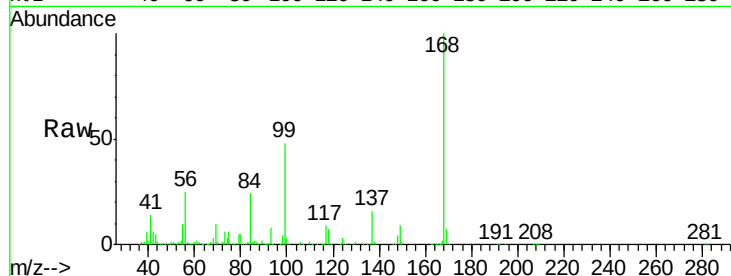
99 48.3 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

250000

200000

150000

100000

50000

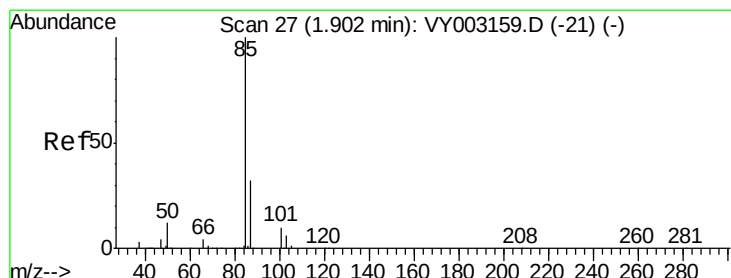
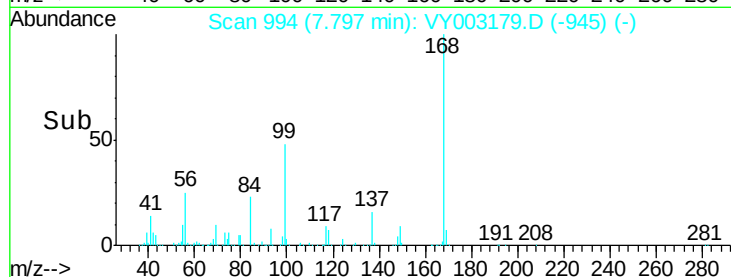
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.191 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003179.D

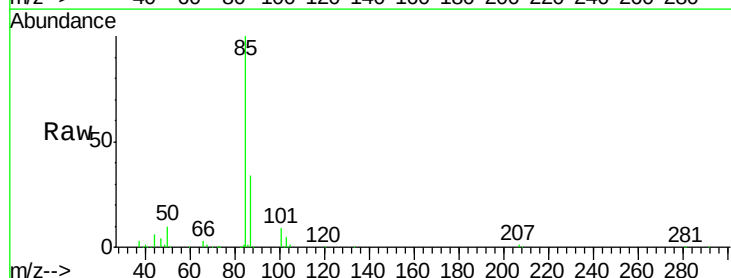
Acq: 13 Jul 2020 12:02

Tgt Ion: 85 Resp: 83130

Ion Ratio Lower Upper

85 100

87 34.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

60000

50000

40000

30000

20000

10000

0

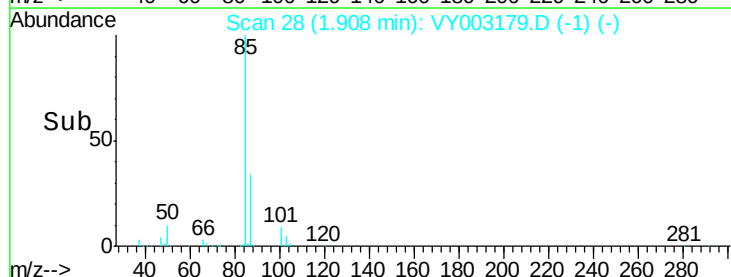
1.85

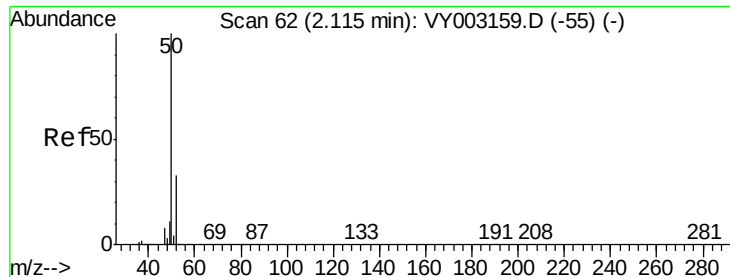
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 21.797 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 50 Resp: 113259

Ion Ratio Lower Upper

50 100

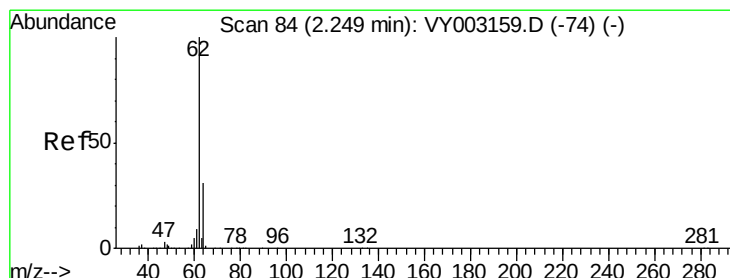
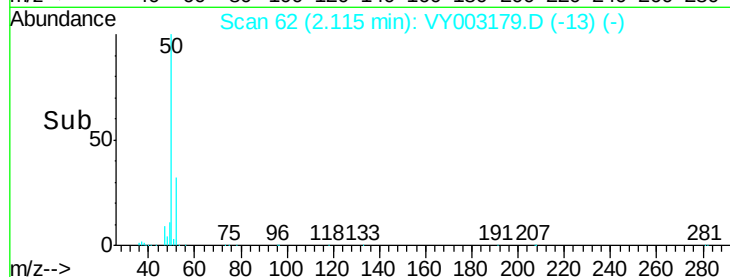
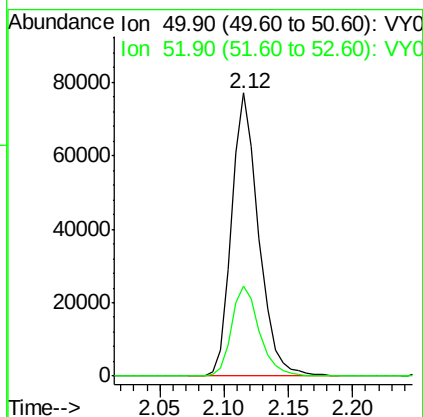
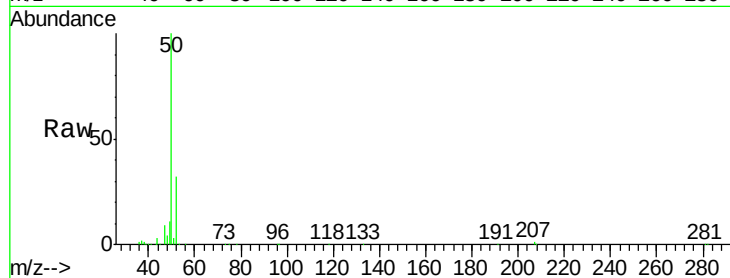
52 31.9 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.328 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003179.D

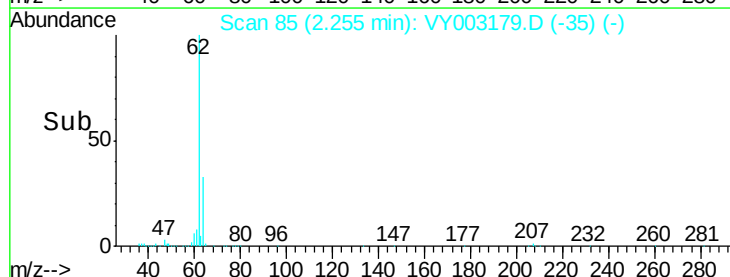
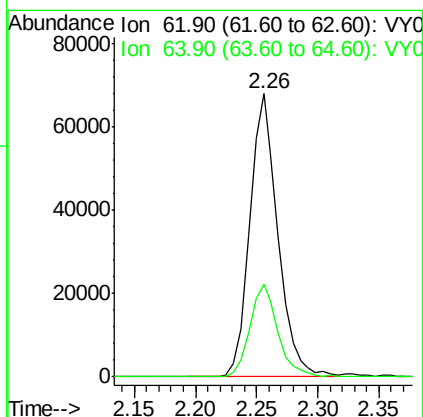
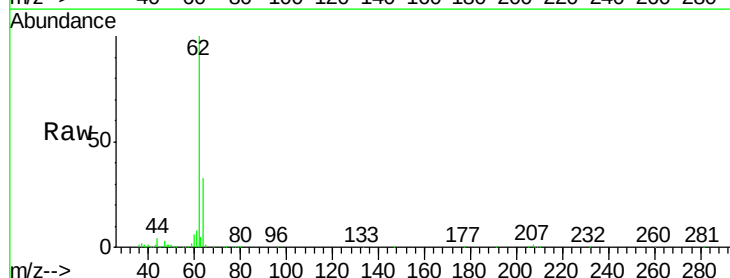
Acq: 13 Jul 2020 12:02

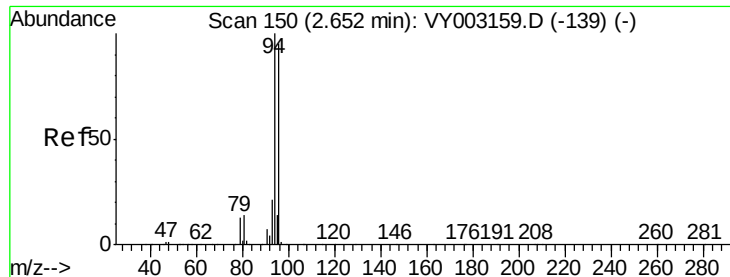
Tgt Ion: 62 Resp: 108374

Ion Ratio Lower Upper

62 100

64 32.7 24.6 37.0





#5

Bromomethane

Concen: 20.834 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 94 Resp: 82498

Ion Ratio Lower Upper

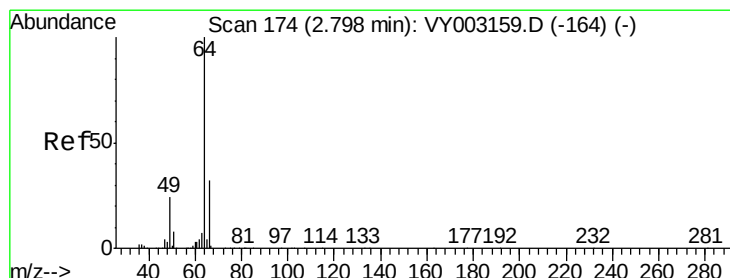
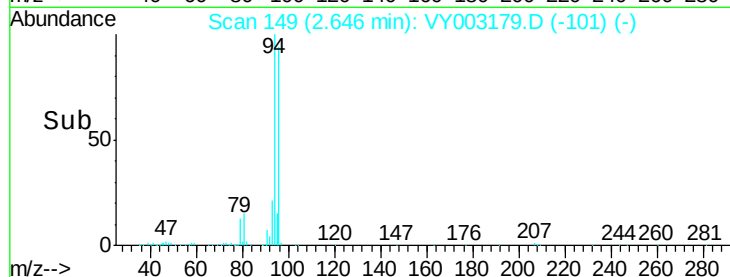
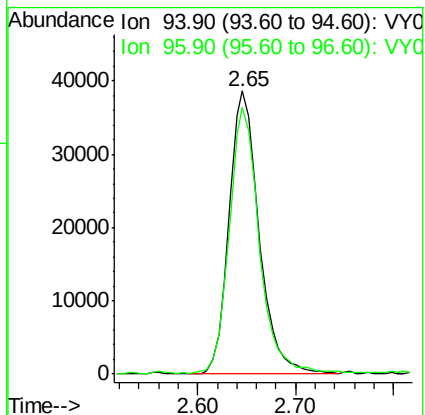
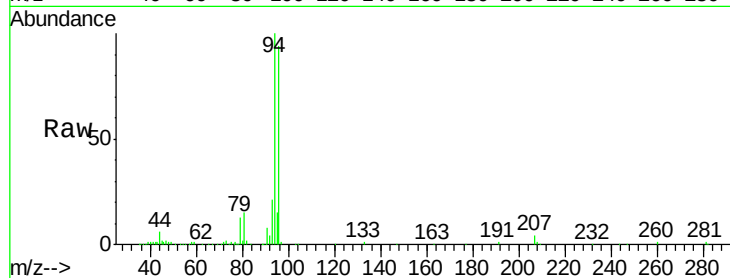
94 100

96 93.9 76.0 114.0

Manual Integrations
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#6

Chloroethane

Concen: 19.889 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003179.D

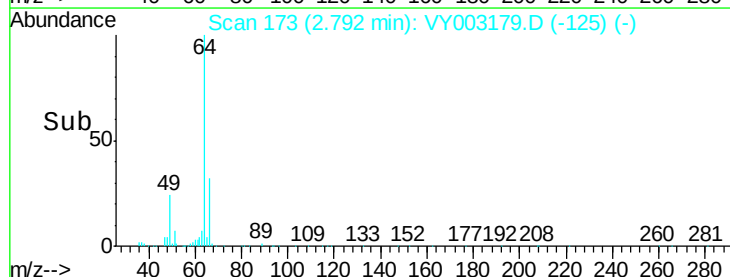
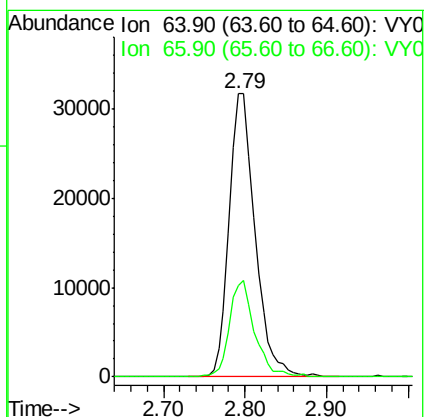
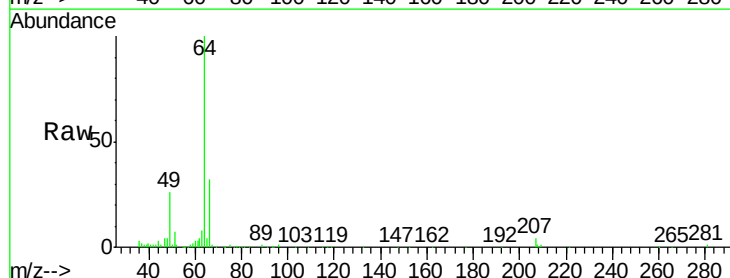
Acq: 13 Jul 2020 12:02

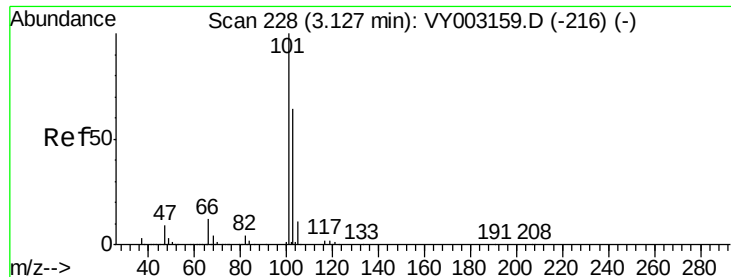
Tgt Ion: 64 Resp: 69642

Ion Ratio Lower Upper

64 100

66 32.4 26.0 39.0





#7

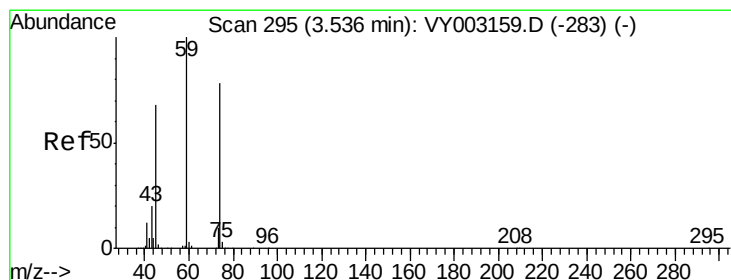
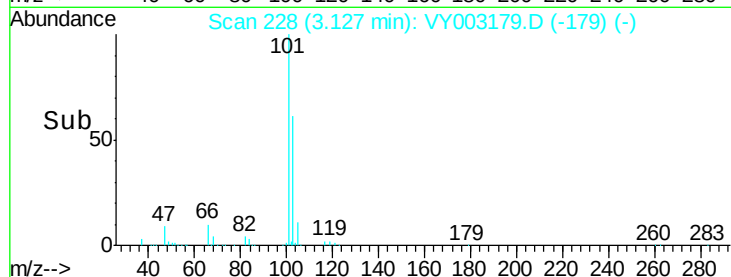
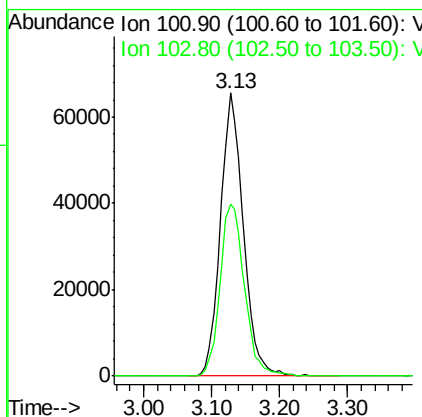
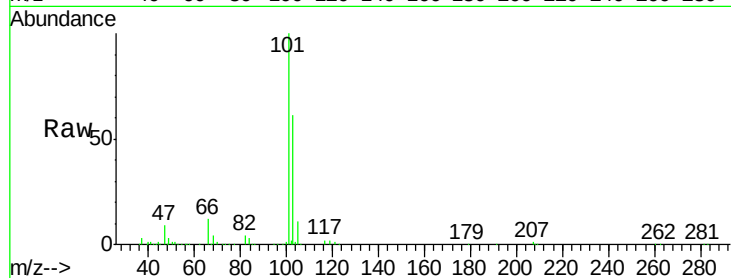
Trichlorofluoromethane
Concen: 20.101 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	51.3	76.9

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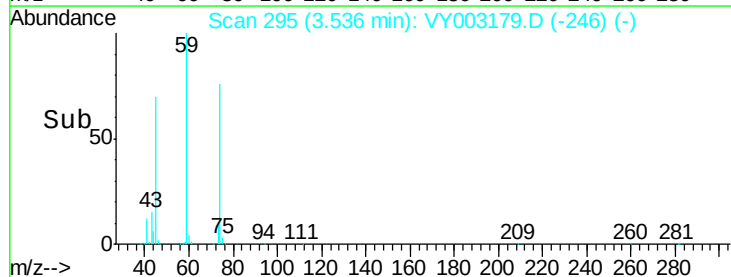
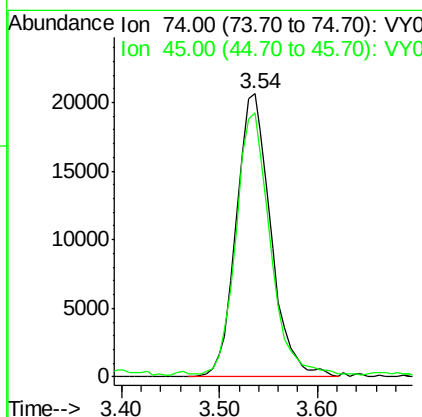
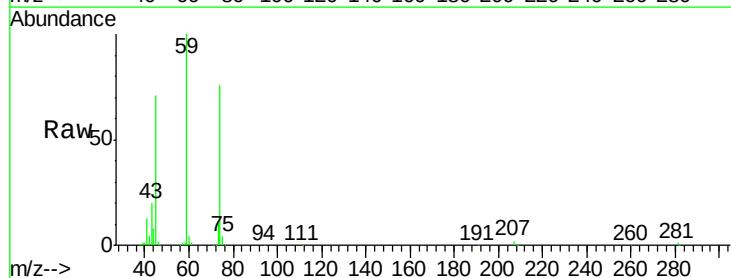
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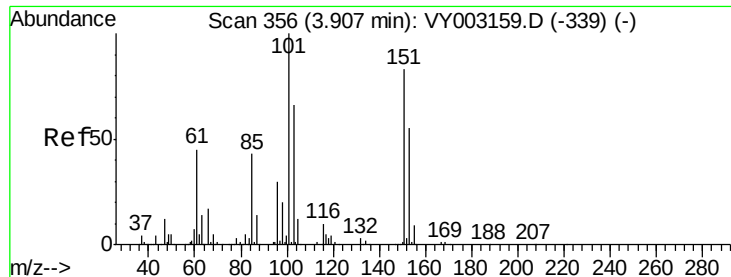


#8

Diethyl Ether
Concen: 19.837 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.9	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.335 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003179.D

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MSVOA_Y

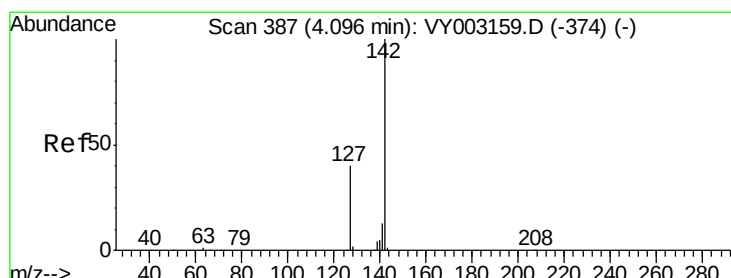
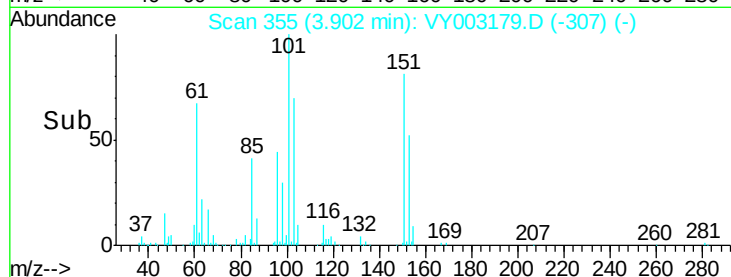
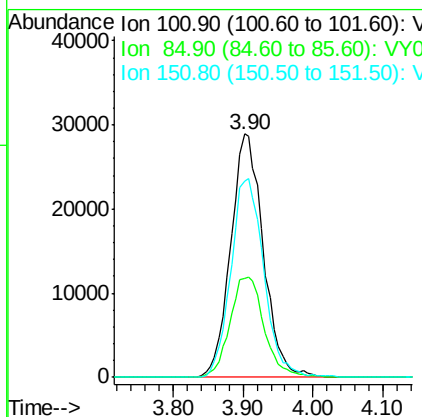
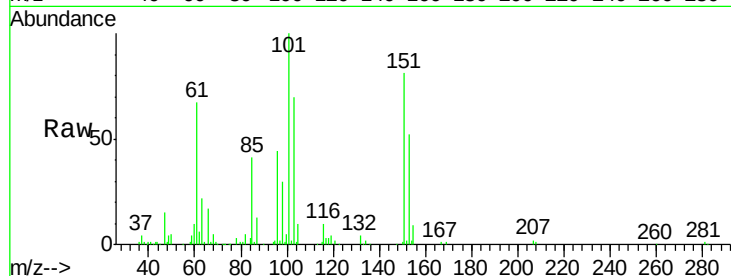
ClientSampleId :

VY0713SBS01

Tot Ion:	101	Resp:	93503
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.9	52.3
151	82.8	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.506 ug/l

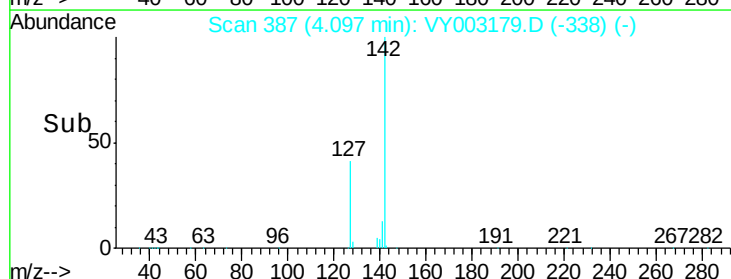
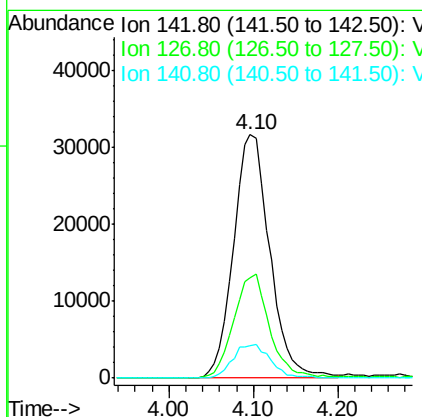
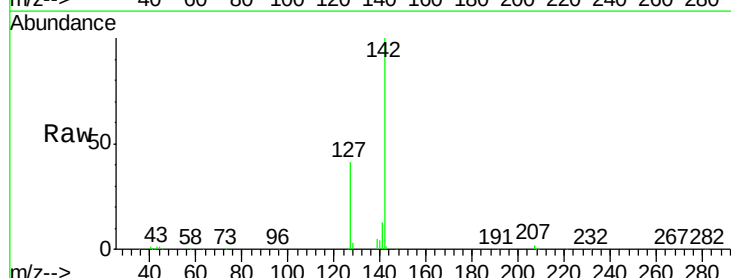
RT: 4.10 min Scan# 387

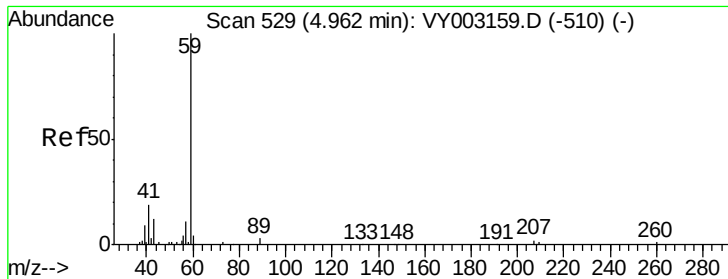
Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Tgt Ion:	142	Resp:	92452
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.5	50.3
141	14.2	11.2	16.8





#11

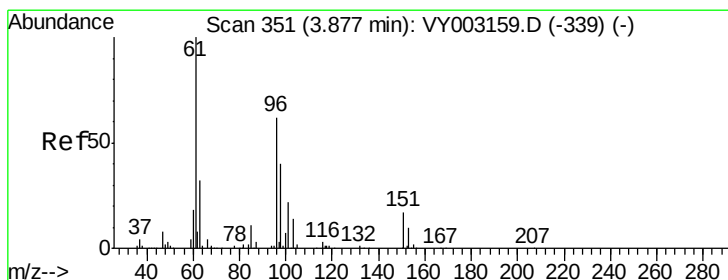
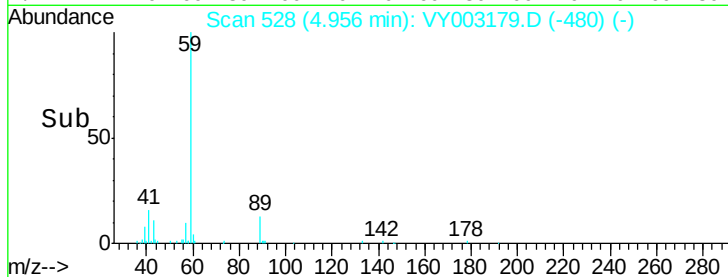
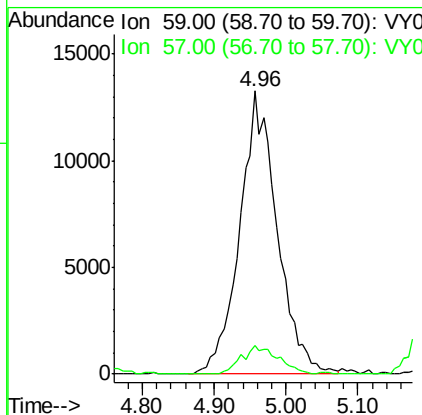
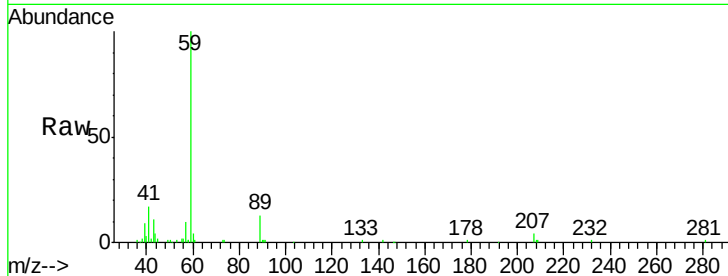
Tert butyl alcohol
Concen: 100.182 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.4	12.6

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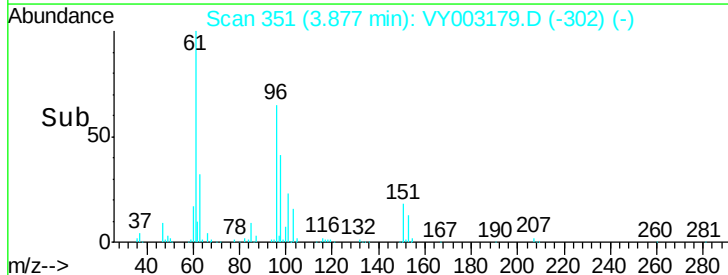
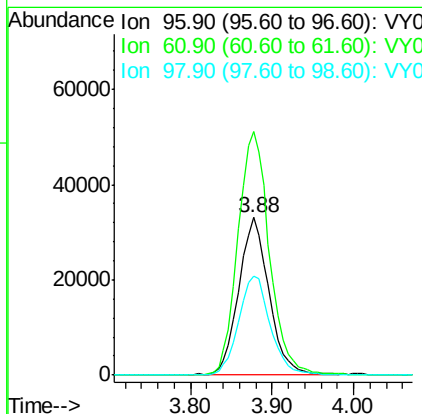
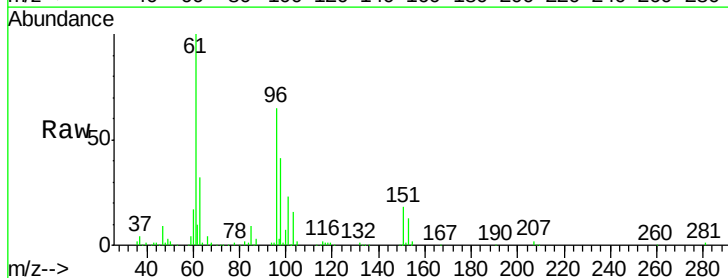
MMDadoda
7/14/2020 11:37:16 AM

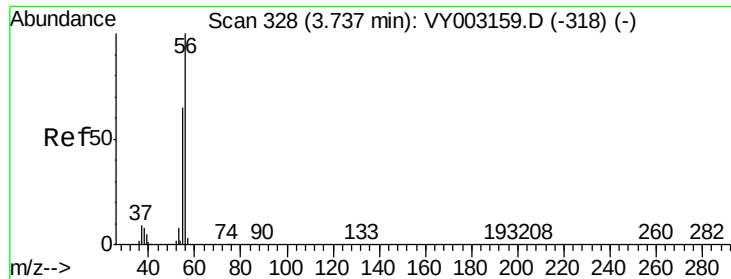


#12

1,1-Dichloroethene
Concen: 19.733 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	128.6	193.0
98	62.6	51.6	77.4





#13

Acrolein

Concen: 101.456 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 56 Resp: 42006

Ion Ratio Lower Upper

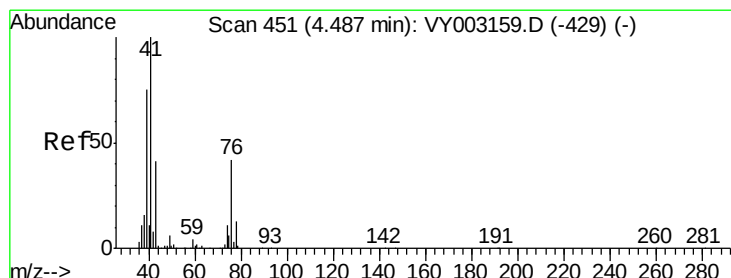
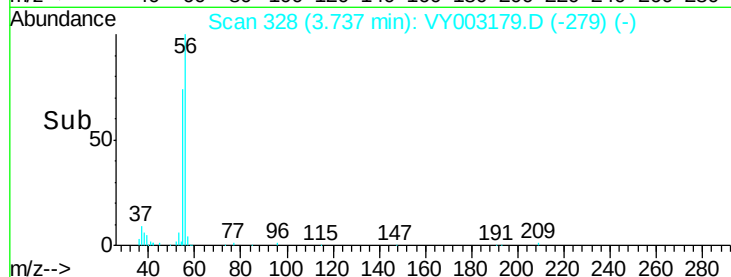
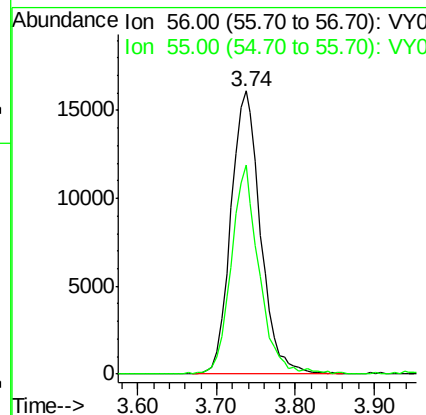
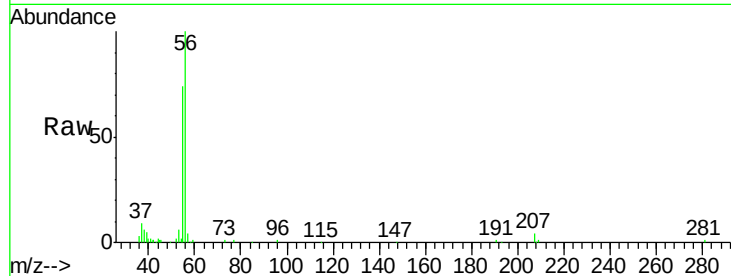
56 100

55 68.5 56.0 84.0

Manual Integrations
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#14

Allyl chloride

Concen: 20.968 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

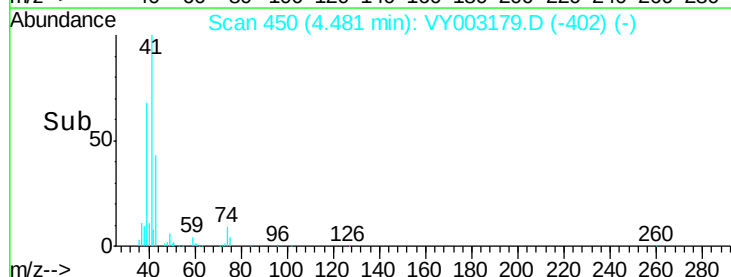
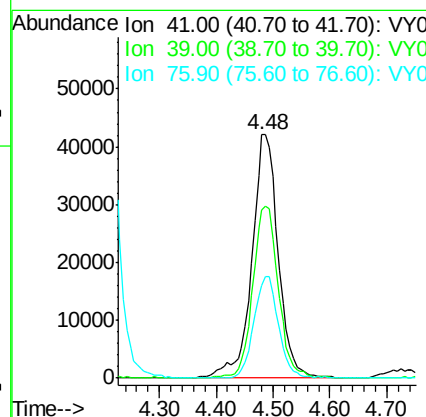
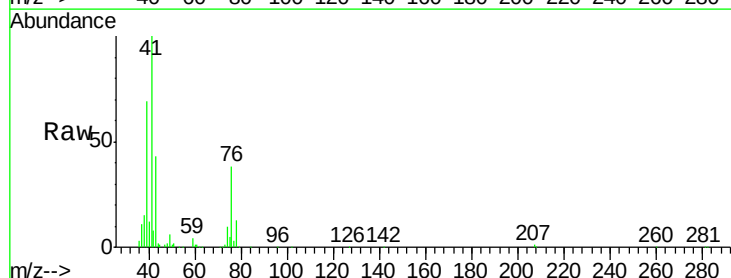
Tgt Ion: 41 Resp: 135318

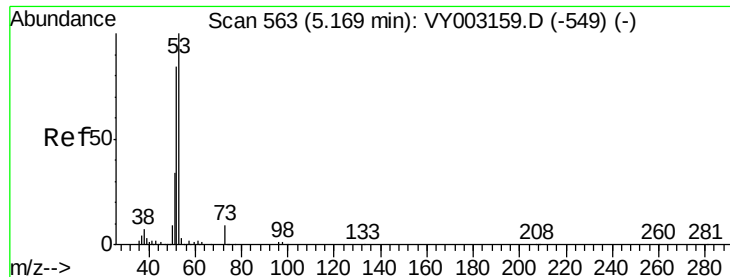
Ion Ratio Lower Upper

41 100

39 69.0 56.6 85.0

76 38.8 31.6 47.4





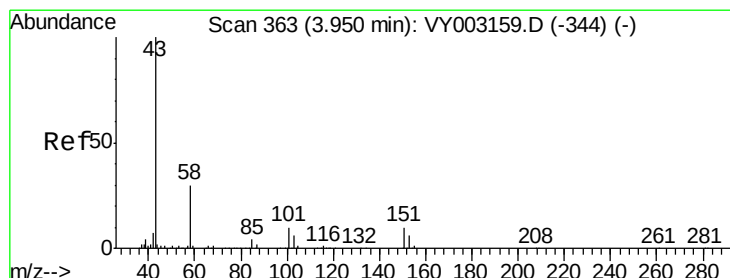
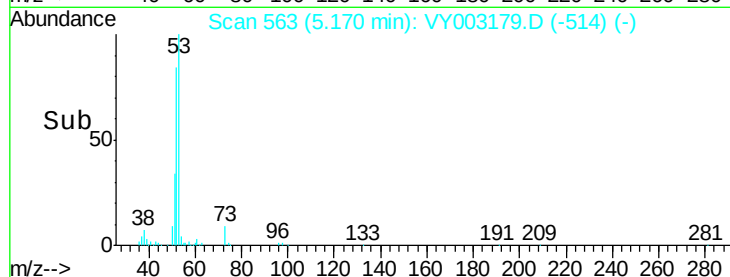
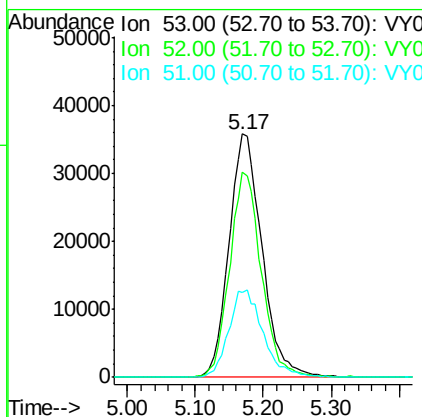
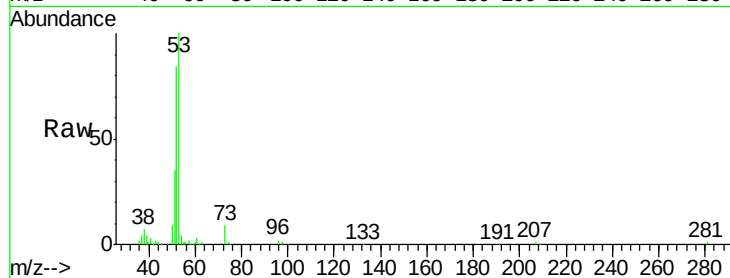
#15
 Acrylonitrile
 Concen: 98.361 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion:	53	Resp:	120544
Ion Ratio	Lower	Upper	
53	100		
52	81.1	65.8	98.6
51	37.4	29.0	43.4

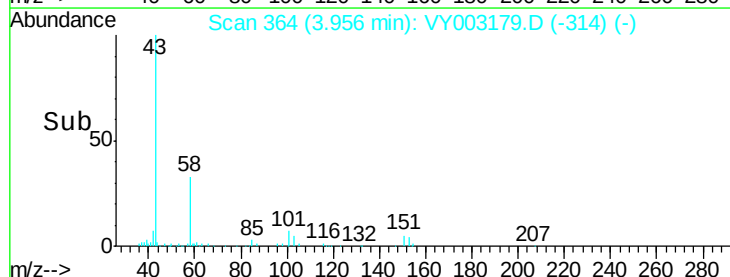
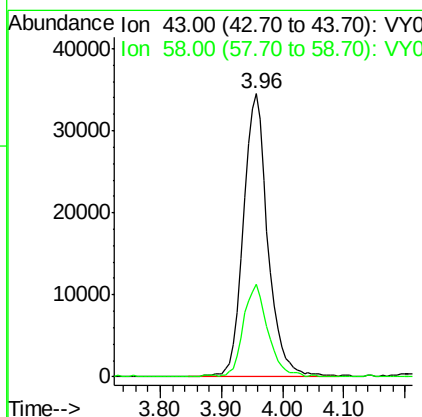
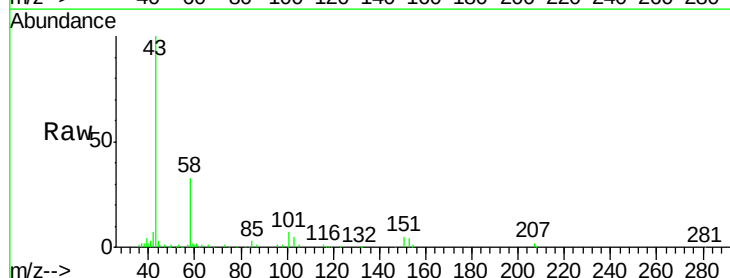
Manual Integrations
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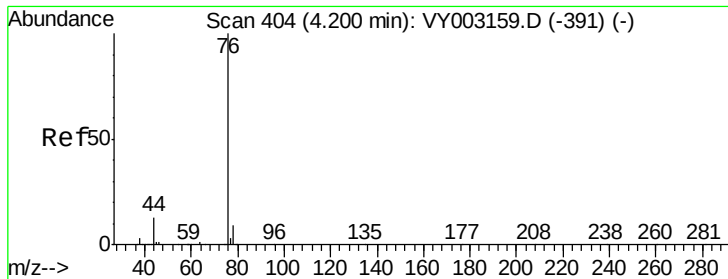
MMDadoda
 7/14/2020 11:37:16 AM



#16
 Acetone
 Concen: 97.060 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Tgt Ion:	43	Resp:	95641
Ion Ratio	Lower	Upper	
43	100		
58	32.6	23.8	35.6





#17

Carbon Disulfide

Concen: 20.573 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 76 Resp: 274558

Ion Ratio Lower Upper

76 100

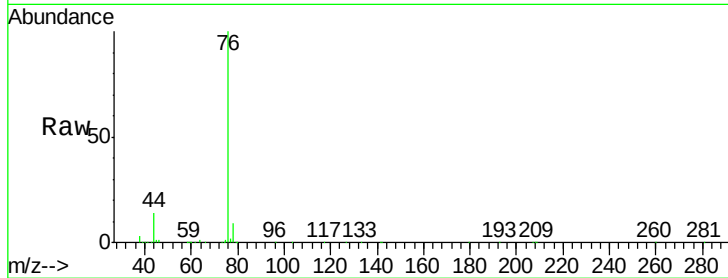
78 8.8 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

100000

80000

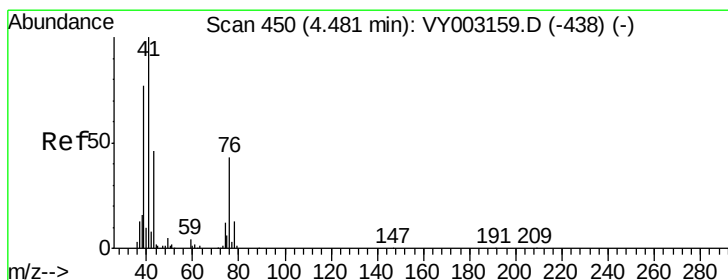
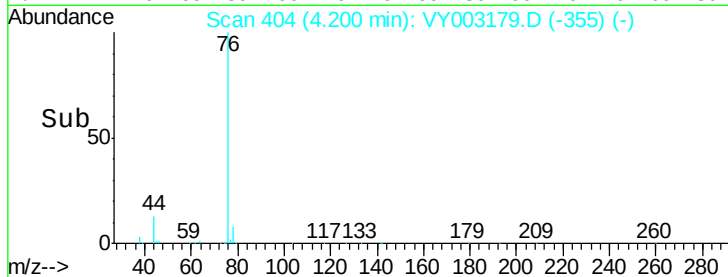
60000

40000

20000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 19.786 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY003179.D

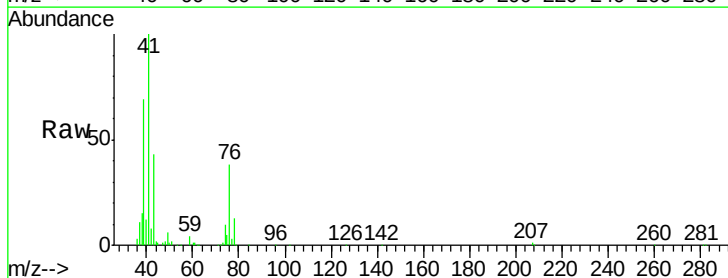
Acq: 13 Jul 2020 12:02

Tgt Ion: 43 Resp: 54145

Ion Ratio Lower Upper

43 100

74 25.2 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

20000

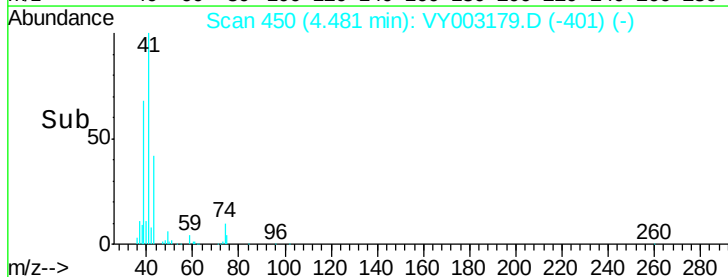
15000

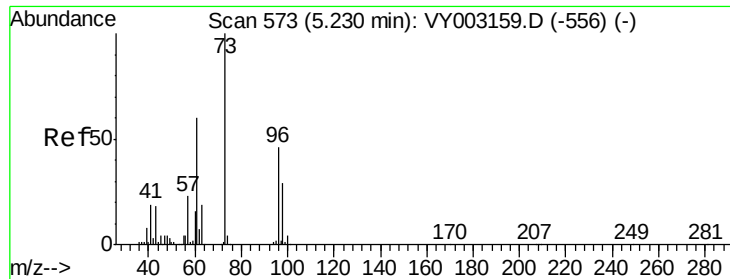
10000

5000

0

Time--> 4.40 4.50 4.60





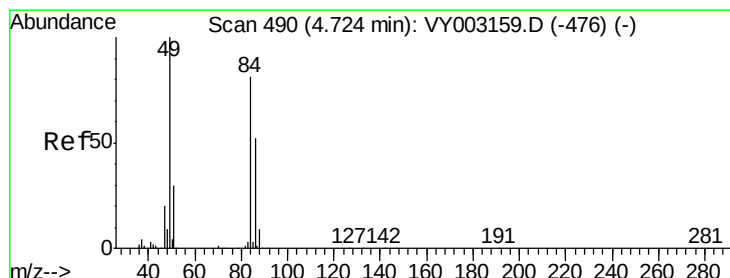
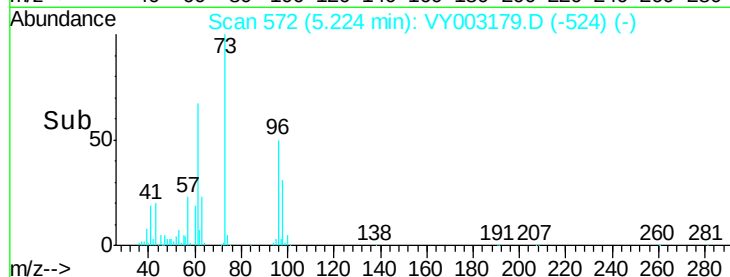
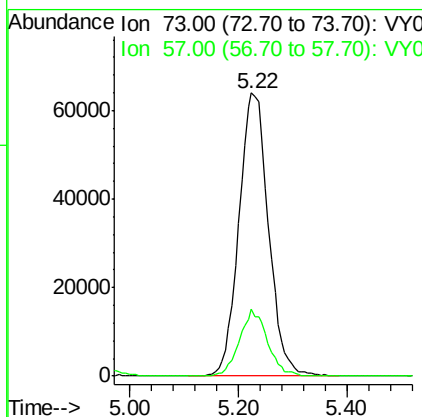
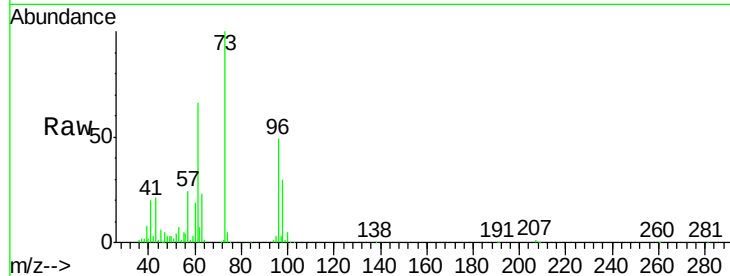
#19
Methyl tert-butyl Ether
Concen: 19.900 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.1	27.1

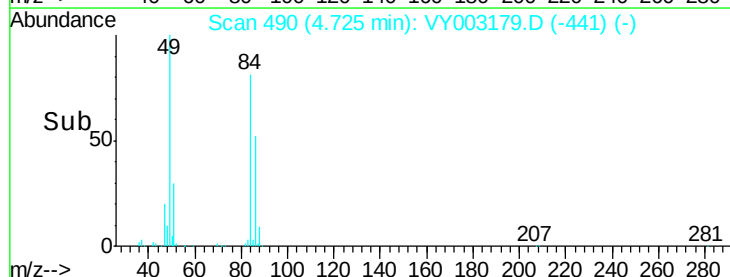
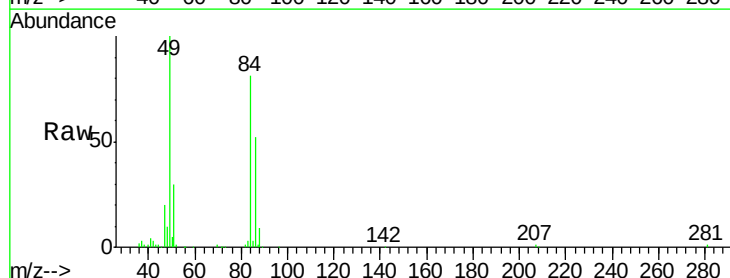
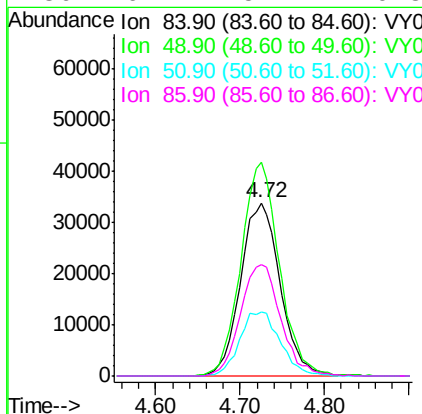
Manual Integrations
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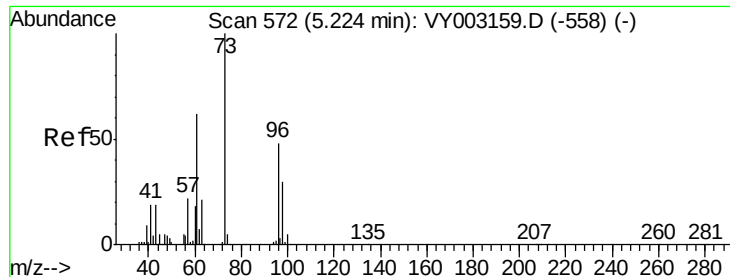
MMDadoda
7/14/2020 11:37:16 AM



#20
Methylene Chloride
Concen: 18.263 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.6	98.2	147.4
51	37.3	29.8	44.6
86	64.7	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 19.510 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 96 Resp: 95972

Ion Ratio Lower Upper

96 100

61 134.1 102.5 153.7

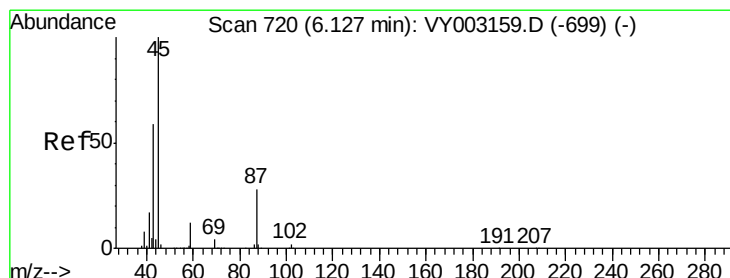
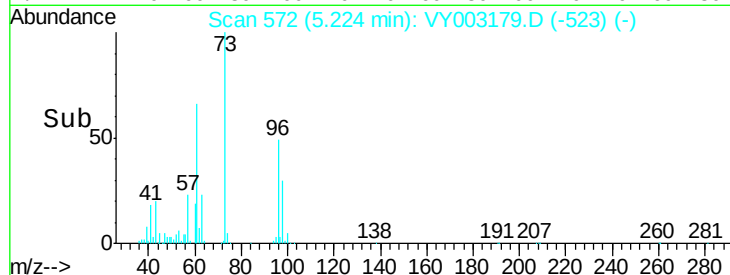
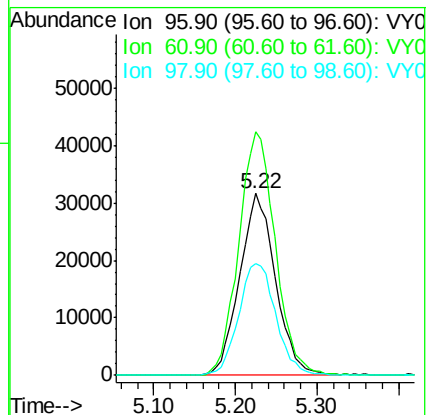
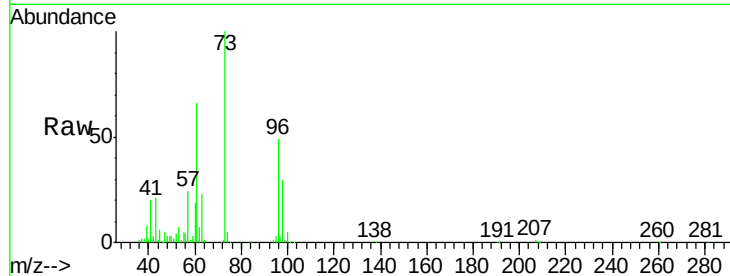
98 61.6 49.8 74.8

Manual Integrations

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MMDadoda

7/14/2020 11:37:16 AM



#22

Diisopropyl ether

Concen: 20.557 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Tgt Ion: 45 Resp: 294428

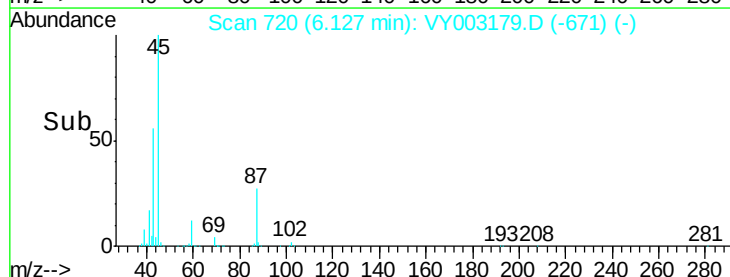
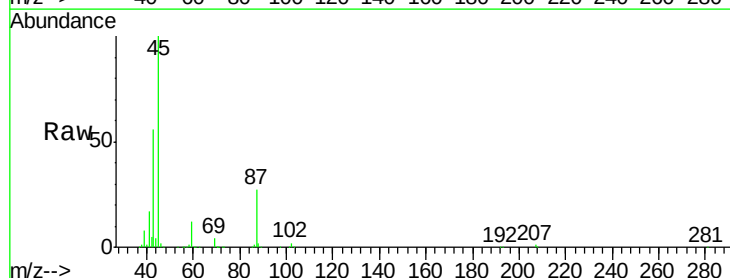
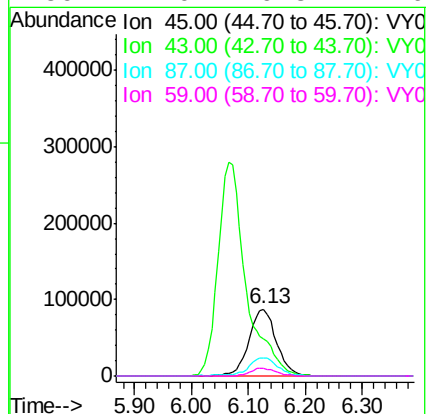
Ion Ratio Lower Upper

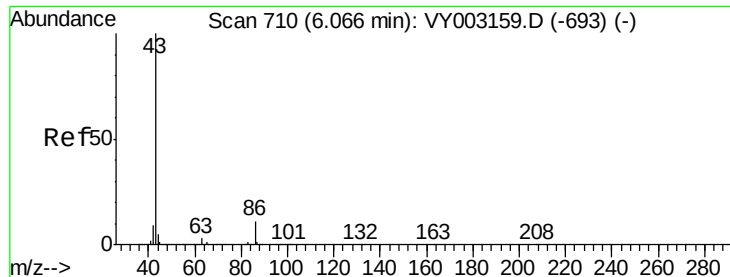
45 100

43 55.7 47.0 70.4

87 27.0 22.6 33.8

59 12.0 9.8 14.6





#23

Vinyl Acetate

Concen: 100.170 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 43 Resp: 956267

Ion Ratio Lower Upper

43 100

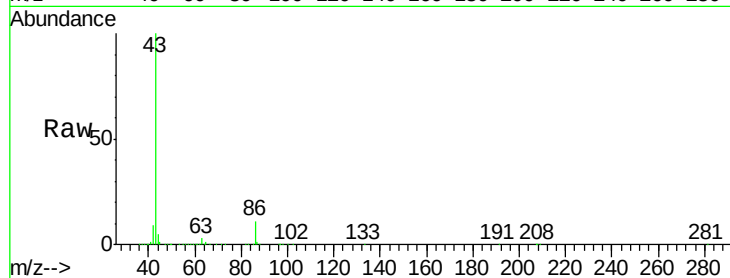
86 11.2 8.8 13.2

Manual Integrations

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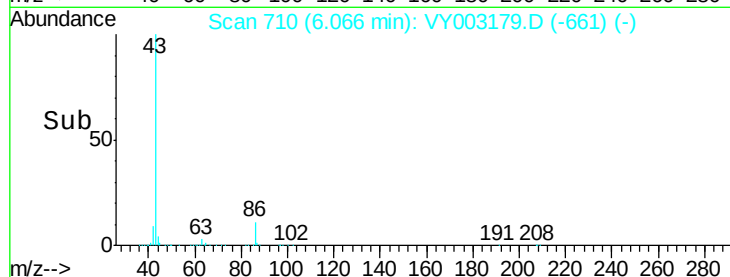
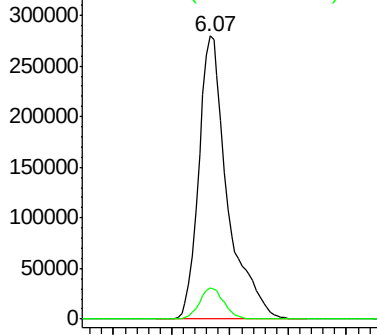
MMDadoda

7/14/2020 11:37:16 AM

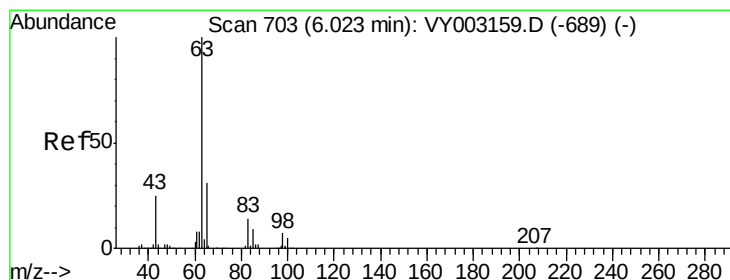


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 20.260 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

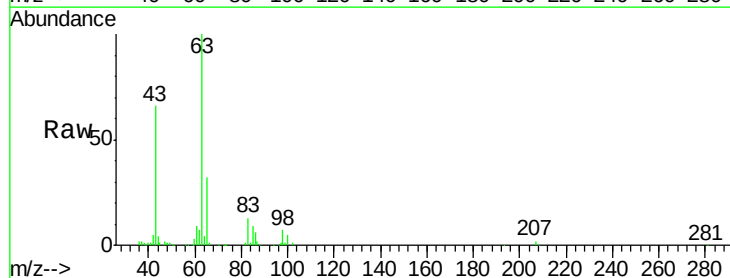
Tgt Ion: 63 Resp: 168115

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

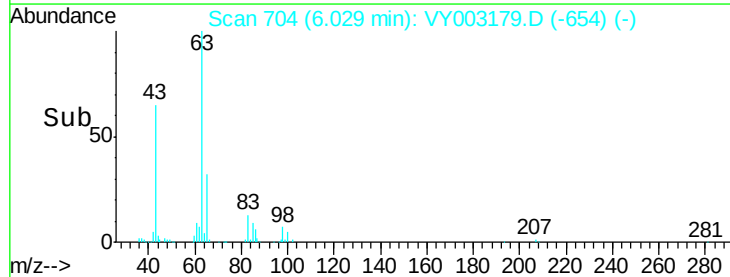
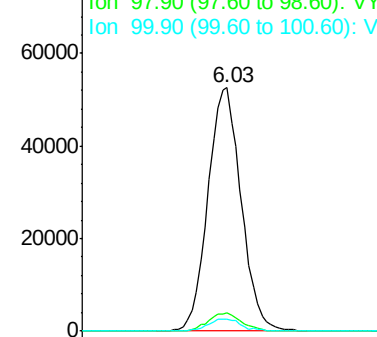
100 4.7 2.4 7.2



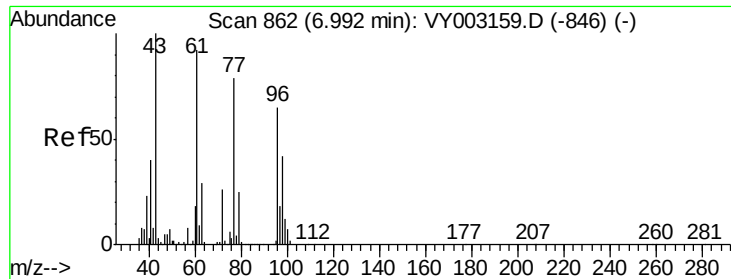
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->



#25

2-Butanone

Concen: 96.999 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 43 Resp: 156934

Ion Ratio Lower Upper

43 100

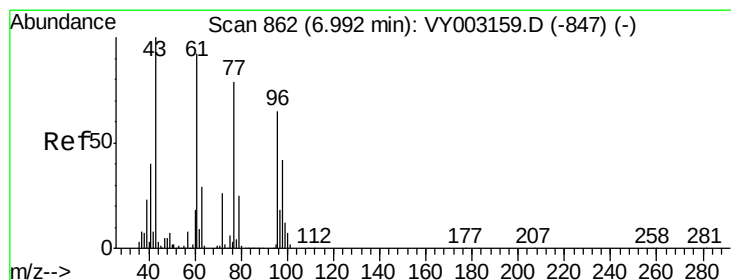
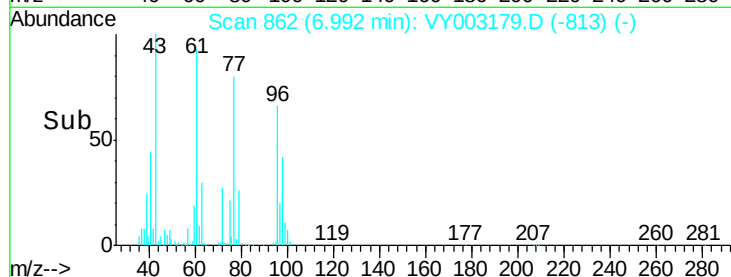
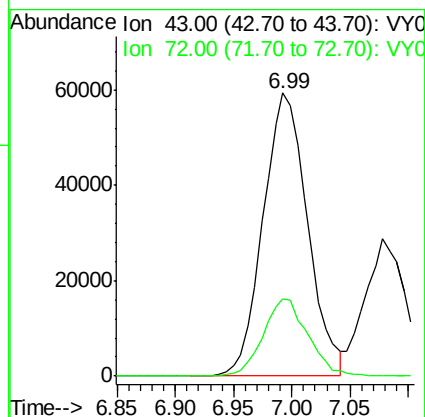
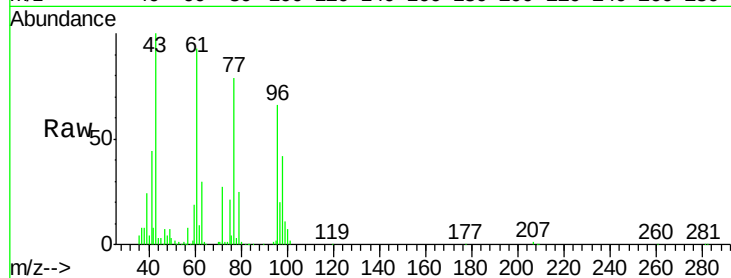
72 27.2 20.9 31.3

Manual Integrations

APPROVED

MMDadoda

7/14/2020 11:37:16 AM



#26

2,2-Dichloropropane

Concen: 20.248 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003179.D

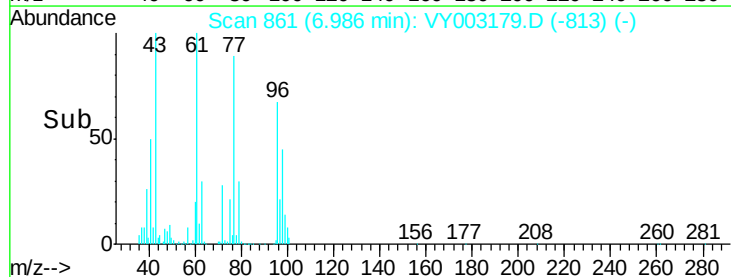
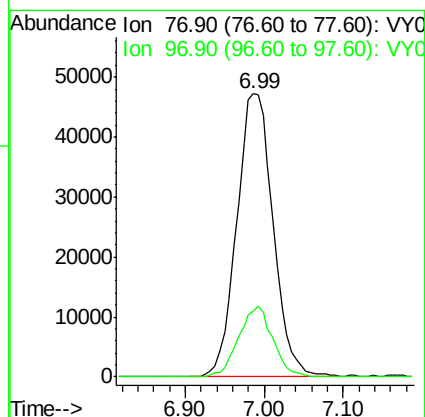
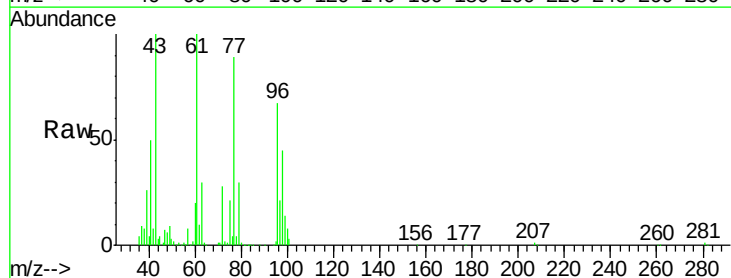
Acq: 13 Jul 2020 12:02

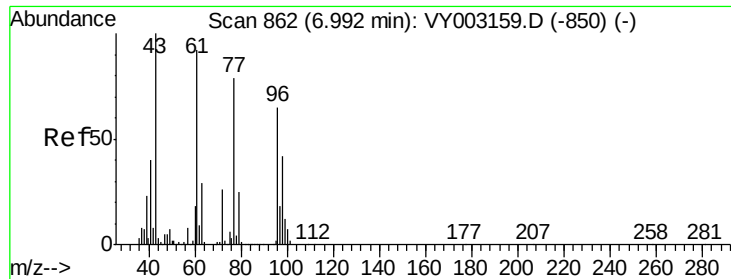
Tgt Ion: 77 Resp: 151309

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.7





#27

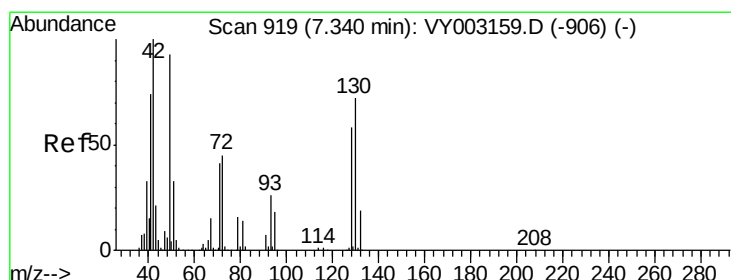
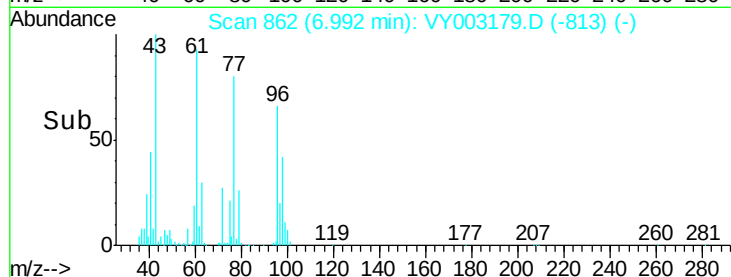
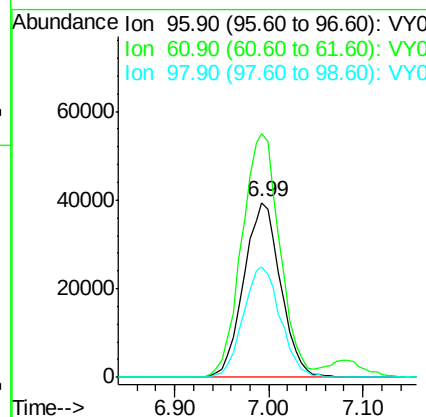
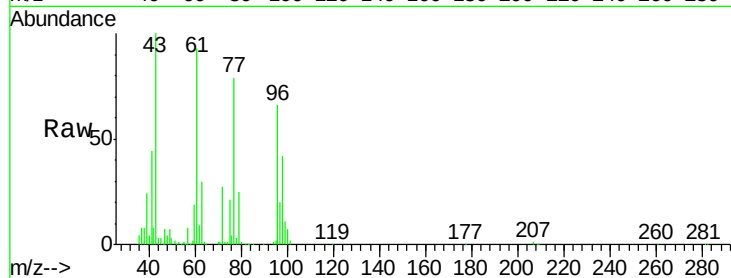
cis-1,2-Dichloroethene
Concen: 19.965 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	281.2
98	63.6	0.0	129.8

Manual Integrations
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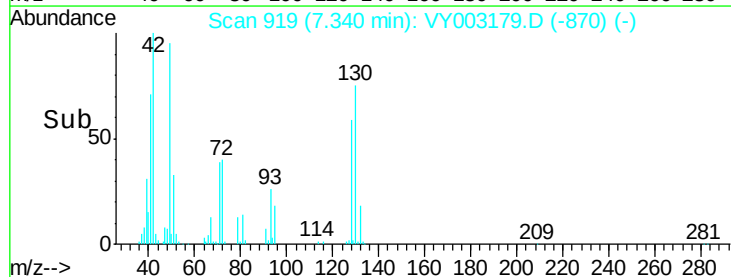
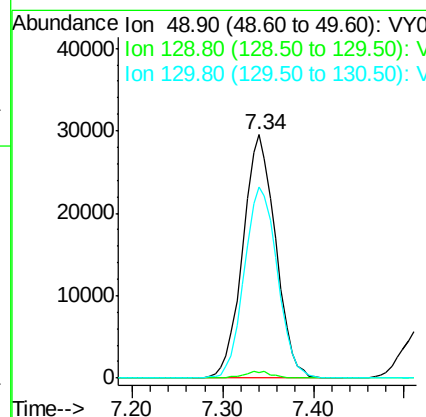
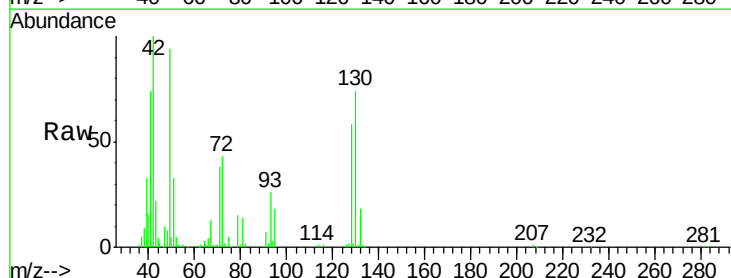
MMDadoda
7/14/2020 11:37:16 AM

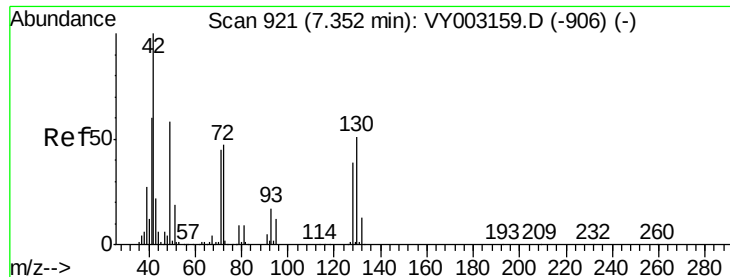


#28

Bromochloromethane
Concen: 20.580 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	79.2	64.9	97.3





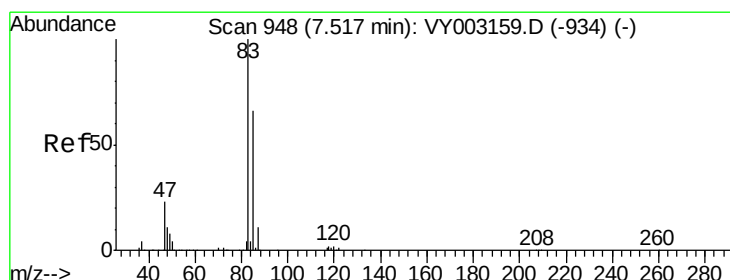
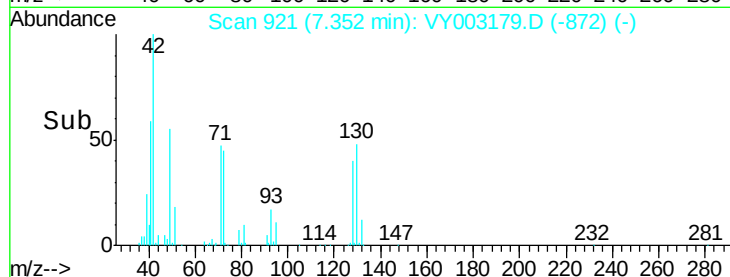
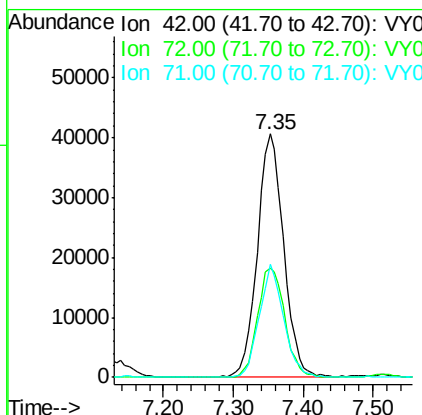
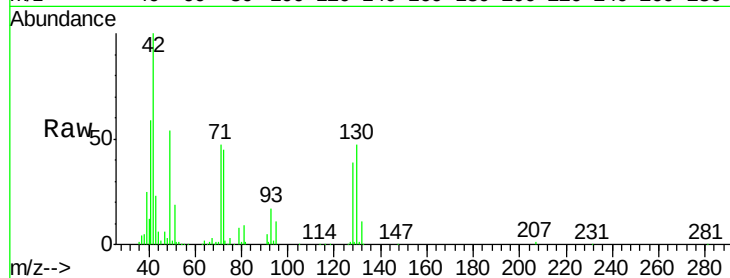
#29
Tetrahydrofuran
Concen: 97.980 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	36.7	55.1
71	42.8	34.2	51.4

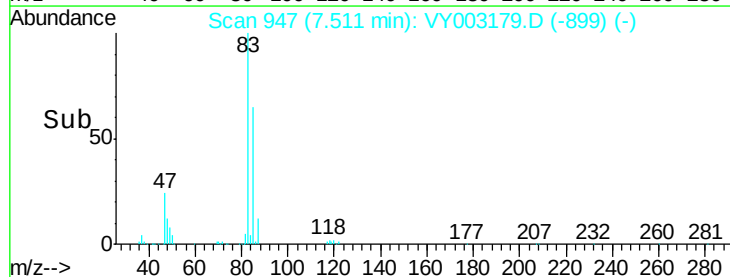
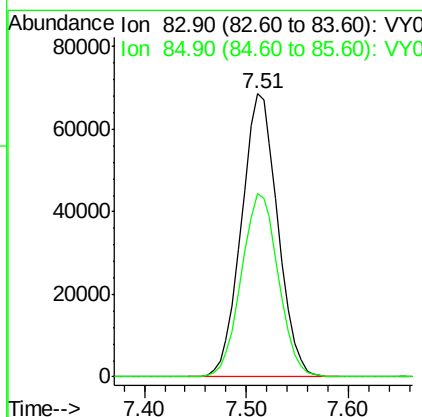
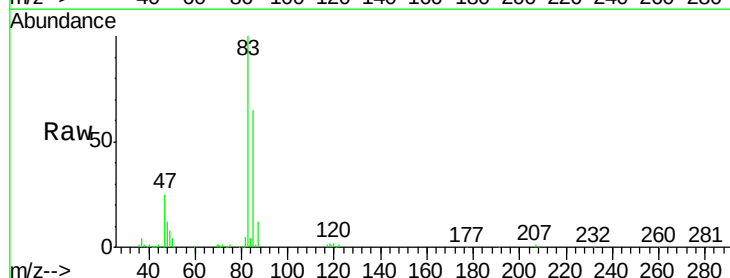
Manual Integrations
APPROVED

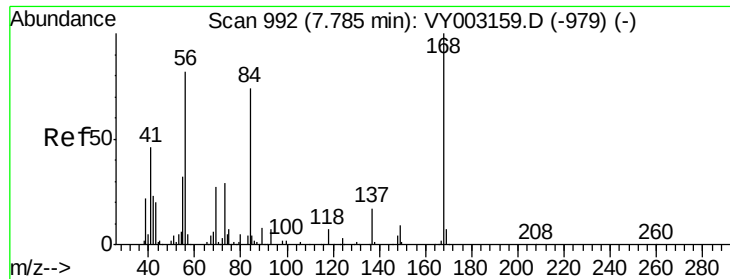
MMDadoda
7/14/2020 11:37:16 AM



#30
Chloroform
Concen: 19.867 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.6	78.8





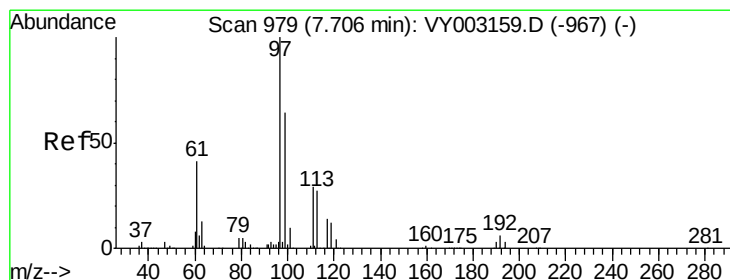
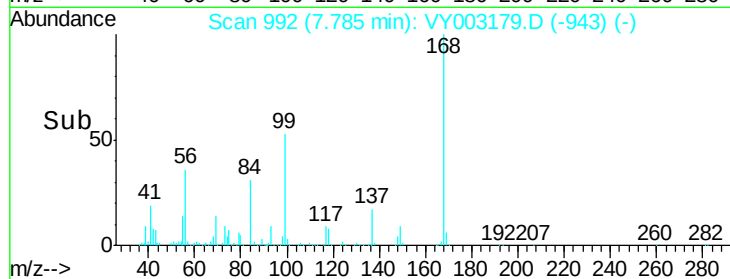
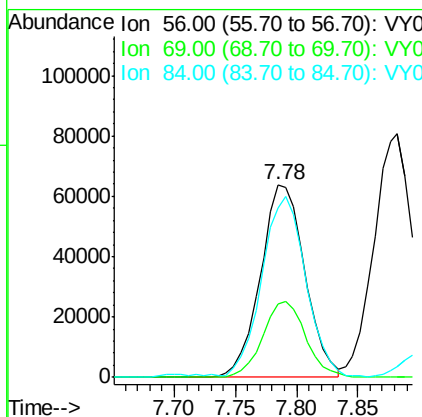
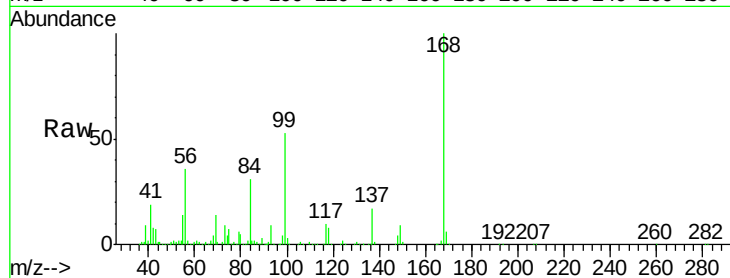
#31
Cyclohexane
Concen: 20.085 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.8	26.7	40.1
84	86.6	72.3	108.5

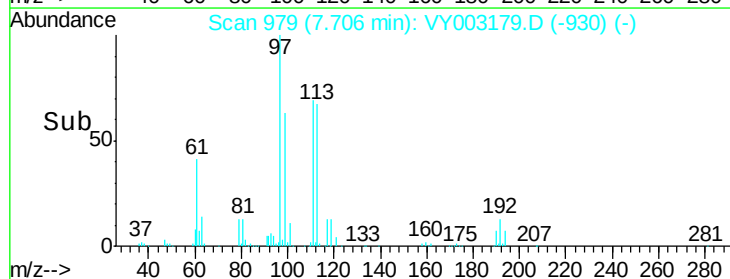
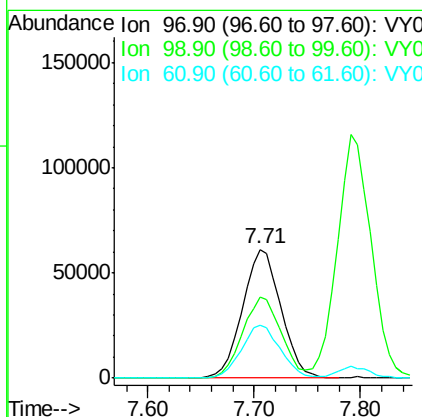
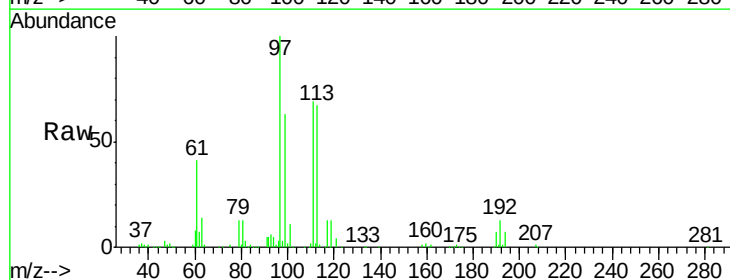
Manual Integrations
APPROVED

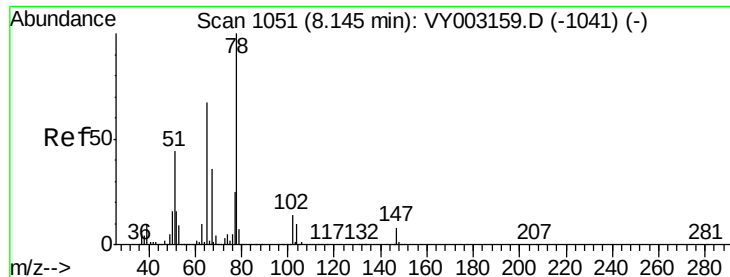
MMDadoda
7/14/2020 11:37:16 AM



#32
1,1,1-Trichloroethane
Concen: 20.137 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.1	78.1
61	42.1	33.9	50.9





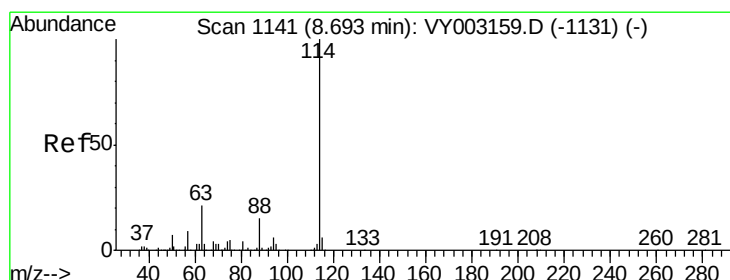
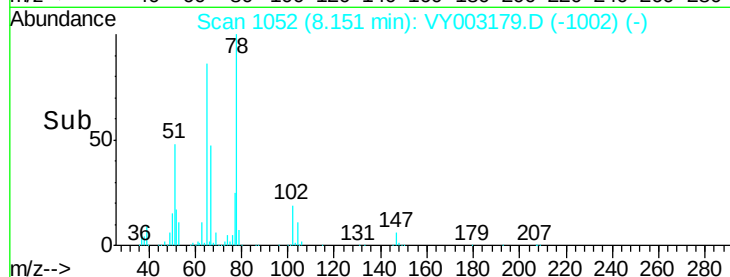
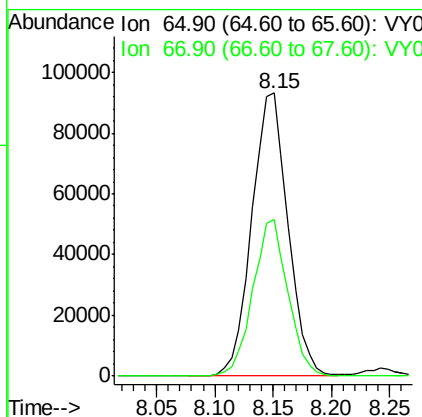
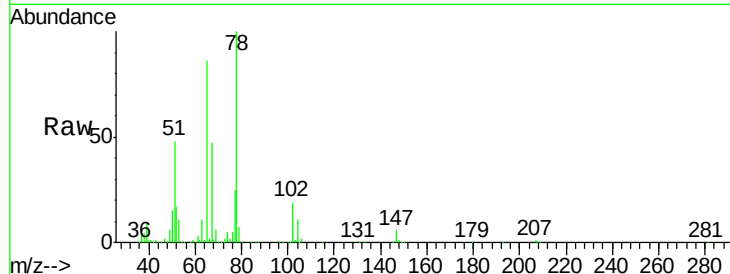
#33
 1,2-Dichloroethane-d4
 Concen: 45.590 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201117		
67	53.6	0.0	105.2	

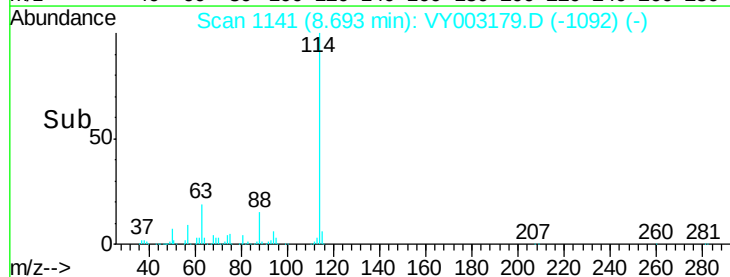
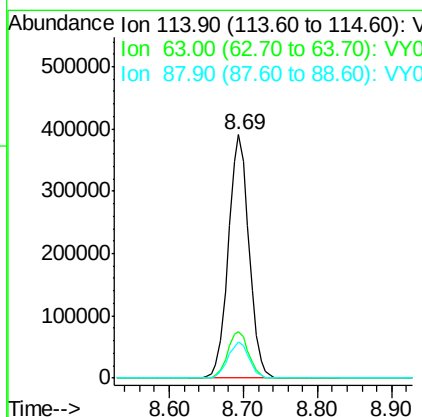
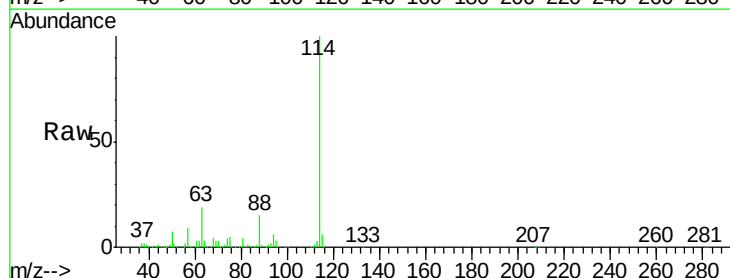
Manual Integrations
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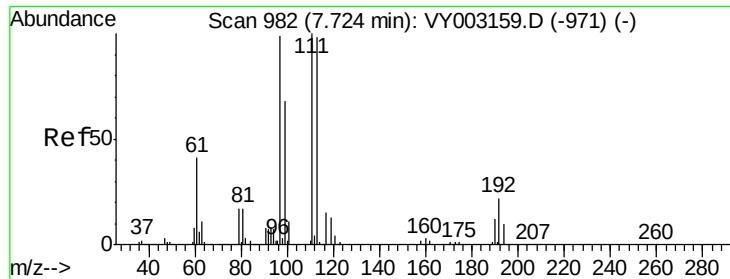
MMDadoda
 7/14/2020 11:37:16 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	753200		
63	19.3	0.0	41.2	
88	14.8	0.0	30.2	





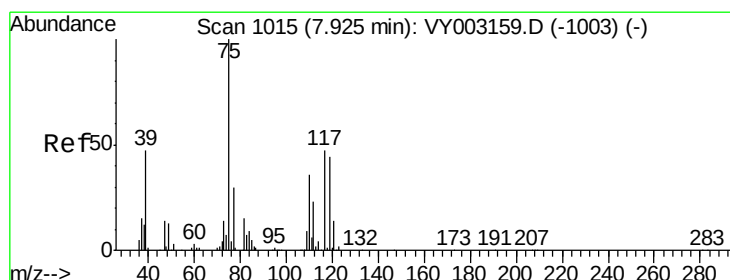
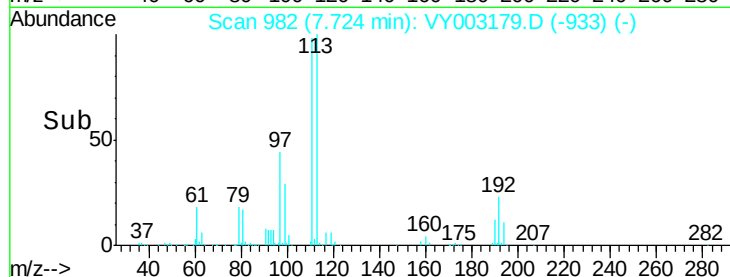
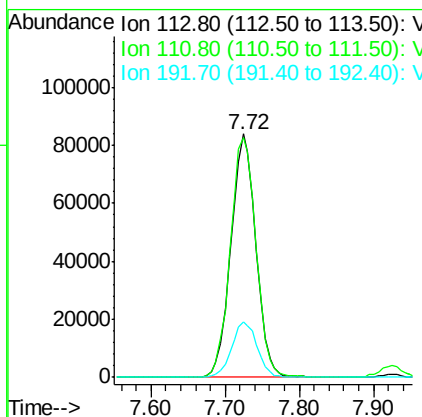
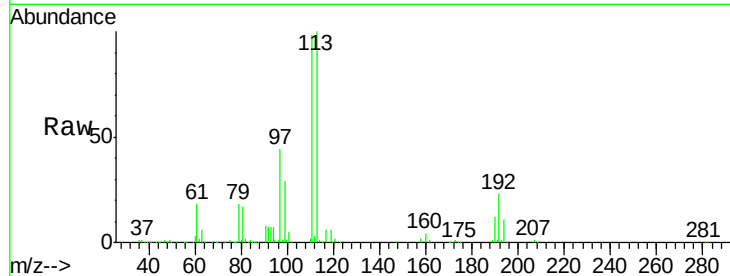
#35
 Dibromofluoromethane
 Concen: 45.386 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	196723		
111	101.3		82.1	123.1
192	23.3		18.8	28.2

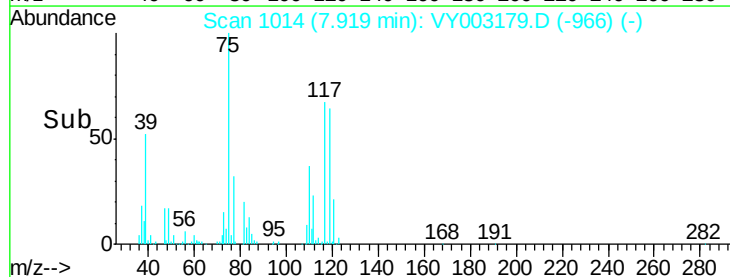
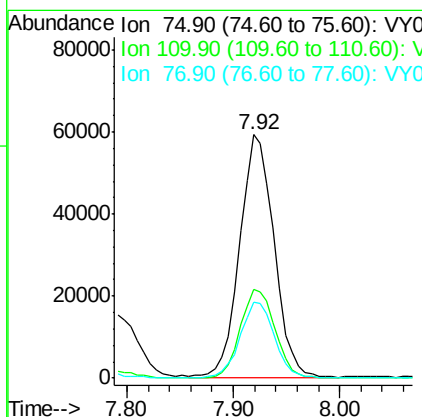
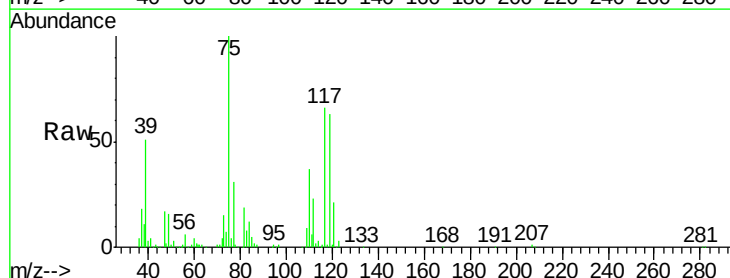
Manual Integrations
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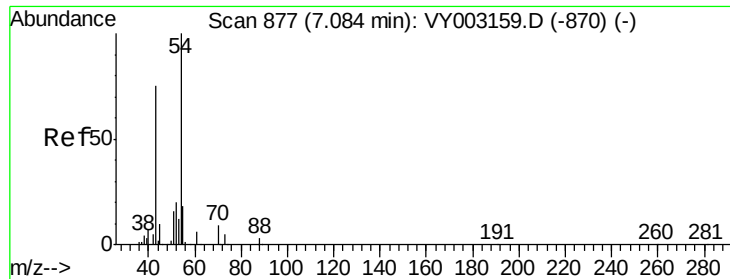
MMDadoda
 7/14/2020 11:37:16 AM



#36
 1,1-Dichloropropene
 Concen: 19.579 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	133659		
110	37.1		18.1	54.1
77	31.8		24.8	37.2





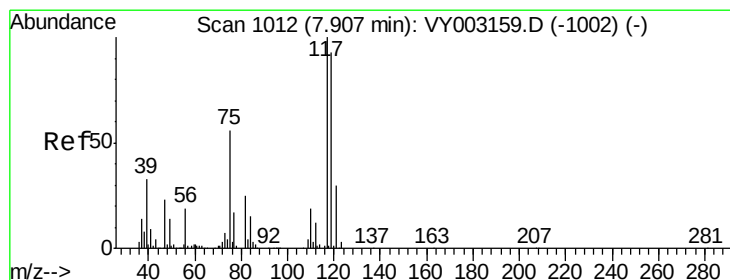
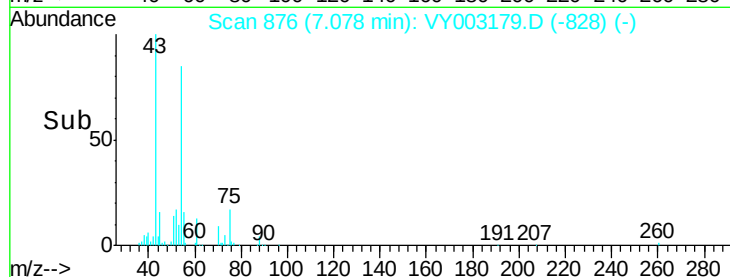
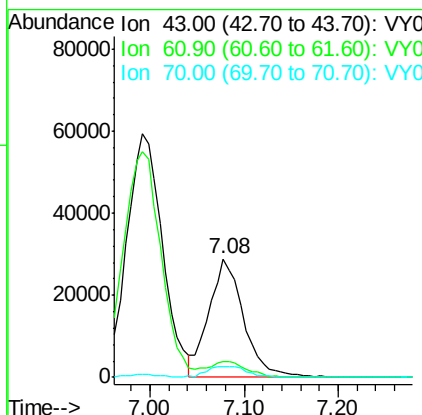
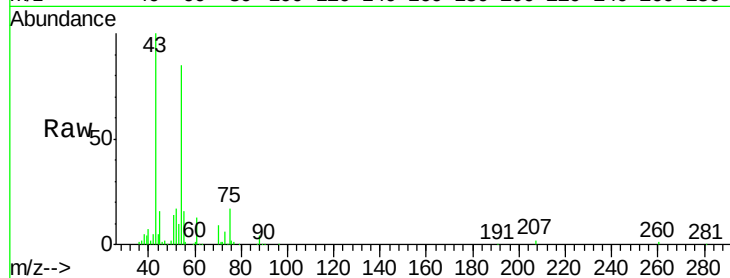
#37
Ethyl Acetate
Concen: 19.974 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.8	17.6
70	10.7	8.6	13.0

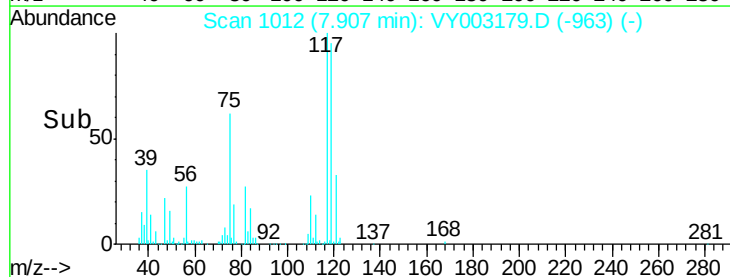
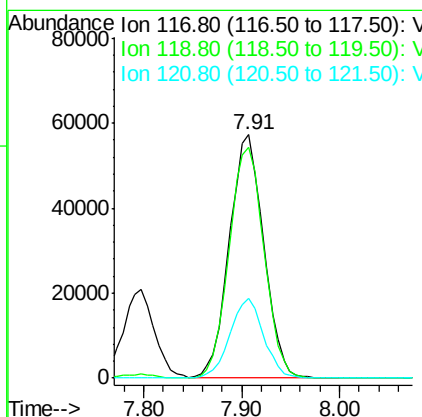
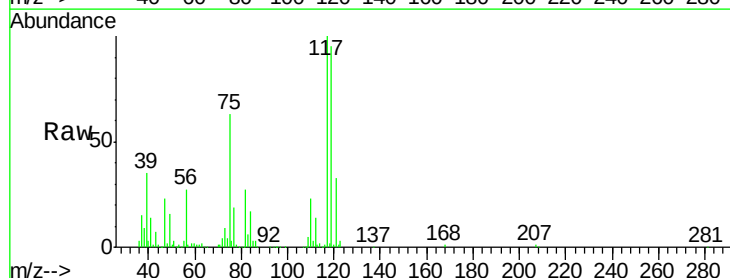
Manual Integrations
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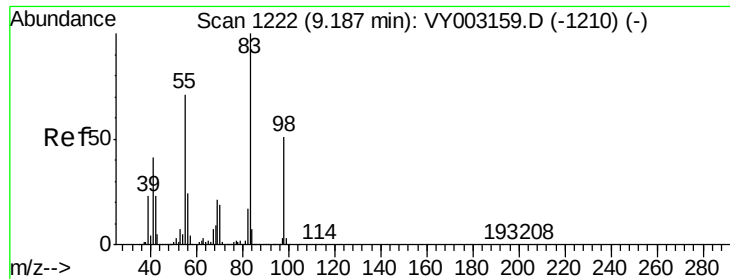
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#38
Carbon Tetrachloride
Concen: 19.882 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.5	111.7
121	32.6	24.2	36.2





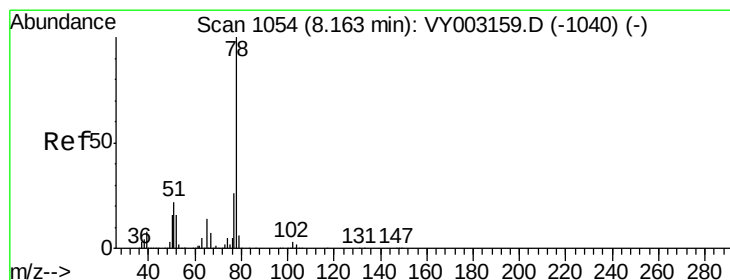
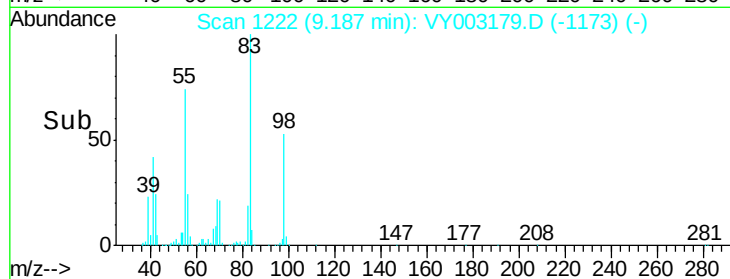
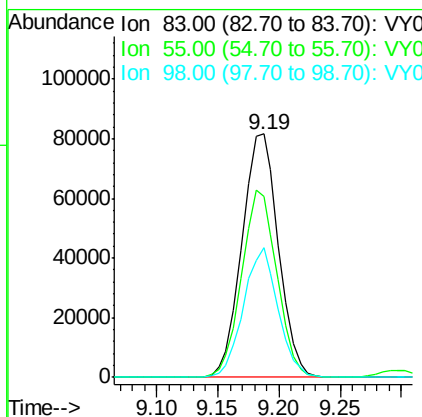
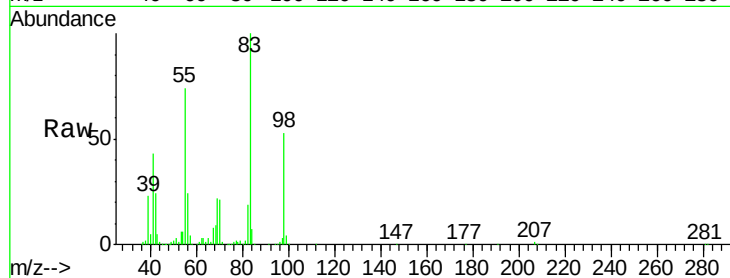
#39
Methvlcvclohexane
Concen: 19.773 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	83	Resp	169565
Ion Ratio	Lower	Upper	
83	100		
55	74.3	57.2	85.8
98	53.2	41.0	61.6

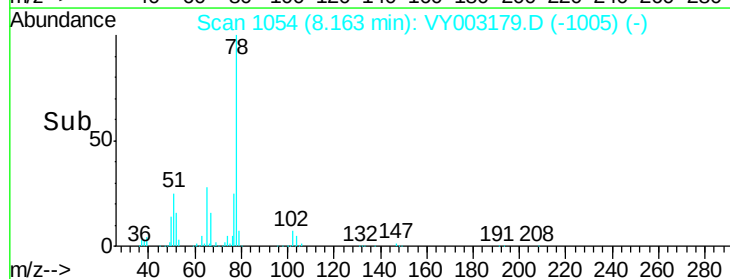
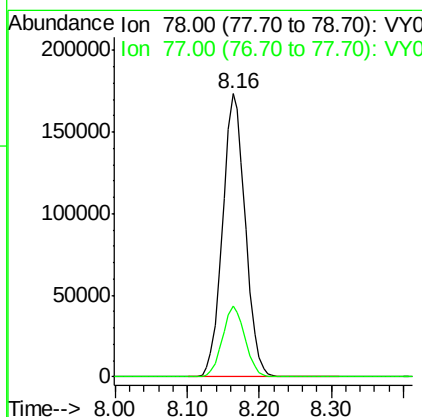
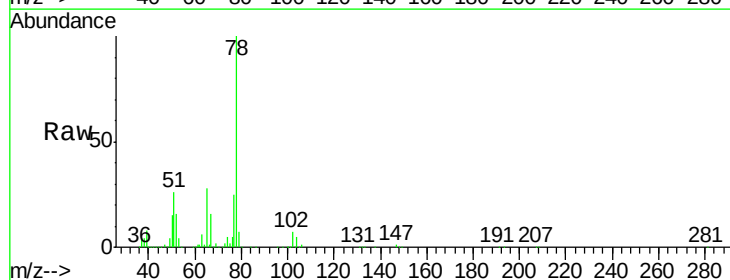
Manual Integrations
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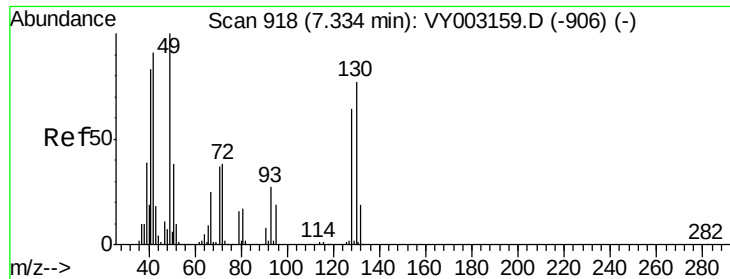
MMDadoda
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#40
Benzene
Concen: 20.186 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	78	Resp	379436
Ion Ratio	Lower	Upper	
78	100		
77	25.2	20.7	31.1





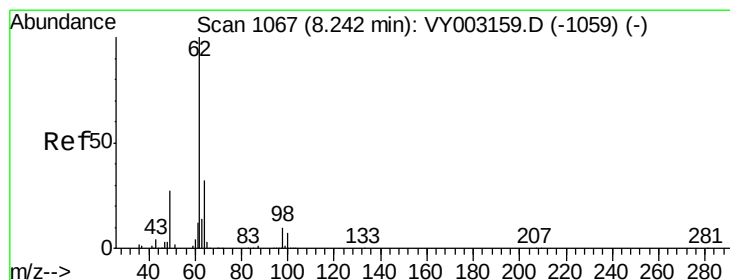
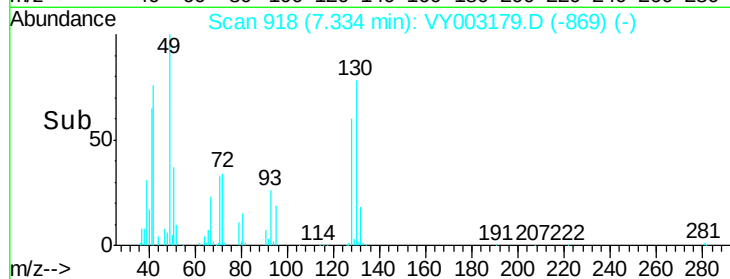
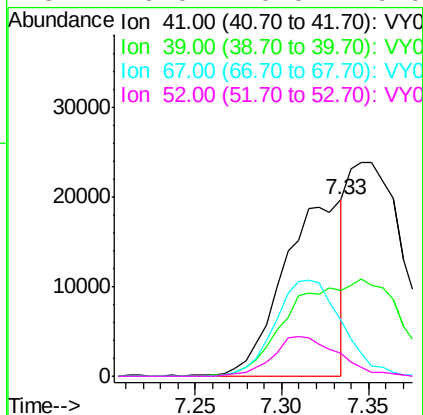
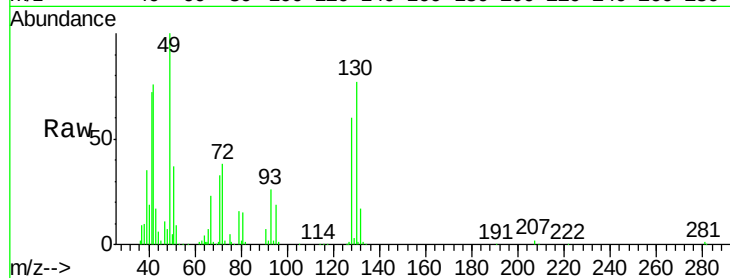
#41
Methacrylonitrile
Concen: 21.072 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	41	Resp	46655
Ion	Ratio	Lower	Upper
41	100		
39	102.5	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

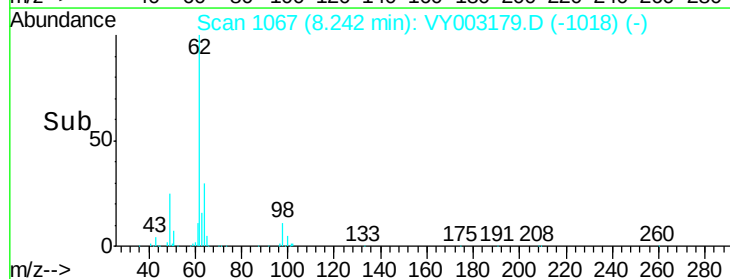
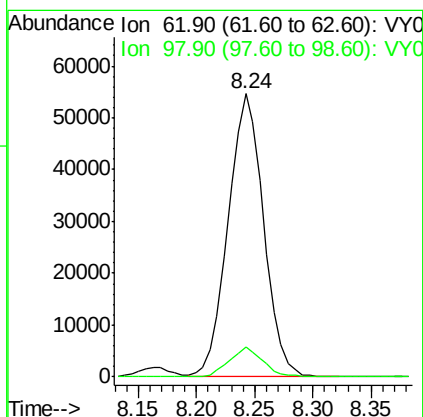
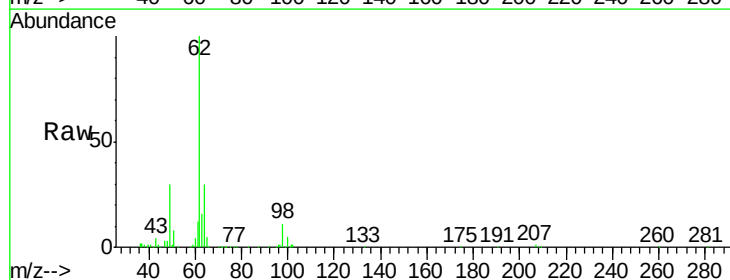
Manual Integrations
APPROVED

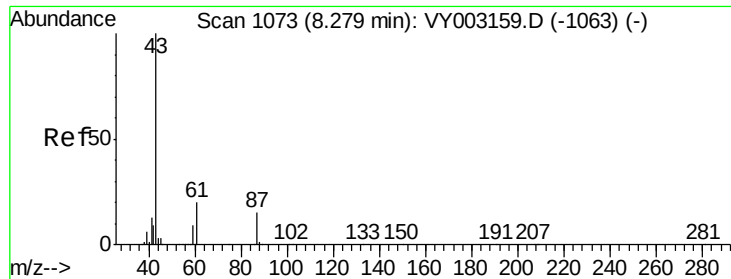
MMDadoda
7/14/2020 11:37:16 AM



#42
1,2-Dichloroethane
Concen: 20.010 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	62	Resp	115794
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 19.487 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

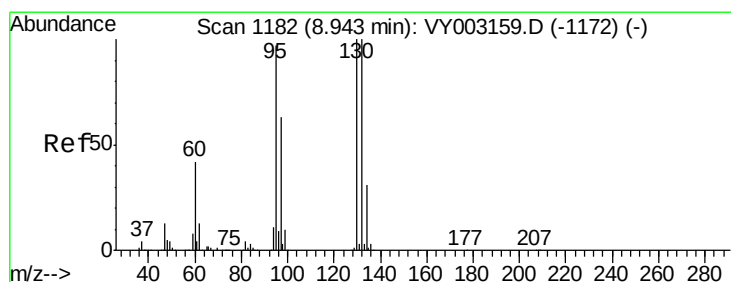
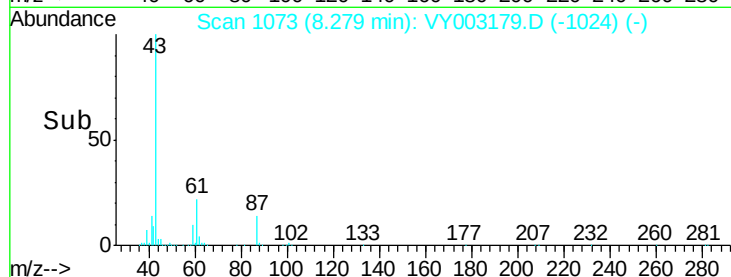
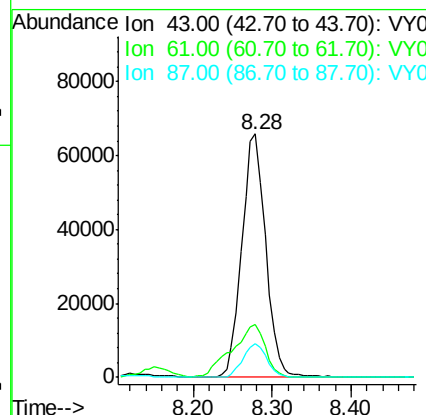
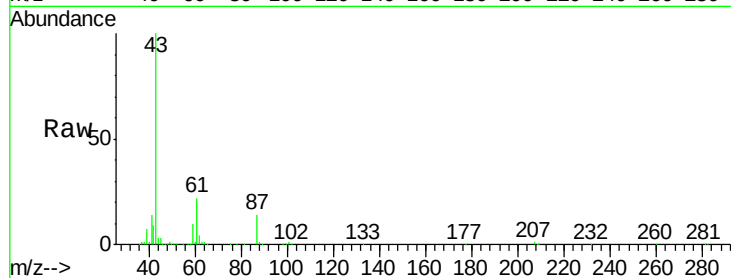
ClientSampleId :

VY0713SBS01

Tot Ion:	43	Resp:	138670
Ion	Ratio	Lower	Upper
43	100		
61	30.3	23.7	35.5
87	14.0	11.4	17.0

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#44

Trichloroethene

Concen: 19.920 ug/l

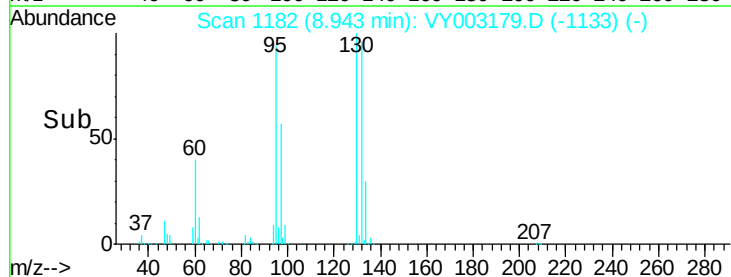
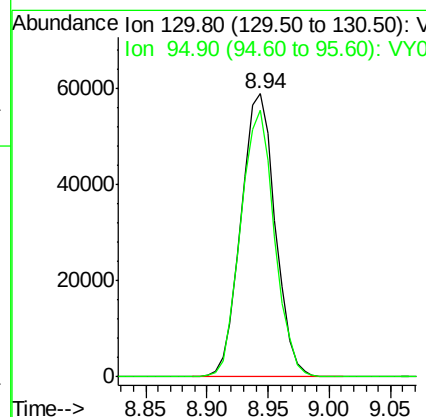
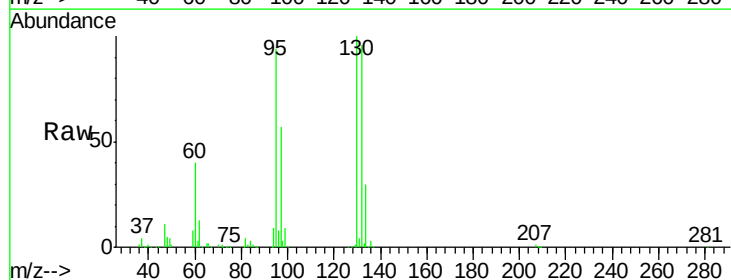
RT: 8.94 min Scan# 1182

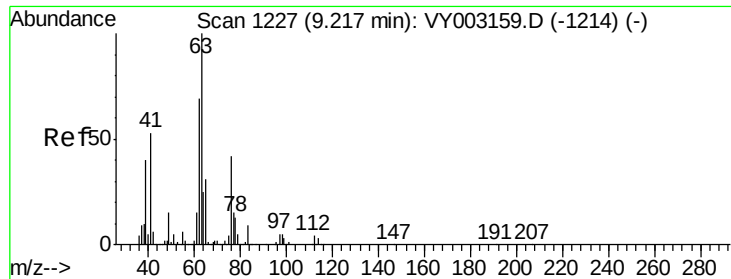
Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Tgt Ion:	130	Resp:	114783
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	193.8





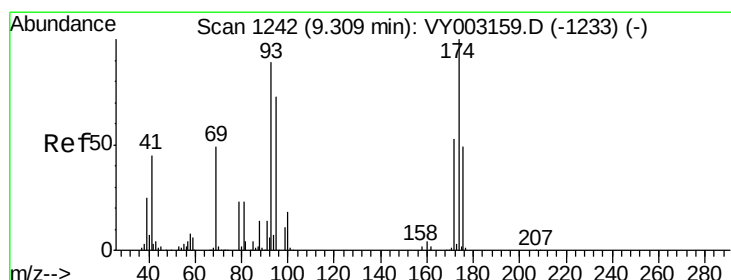
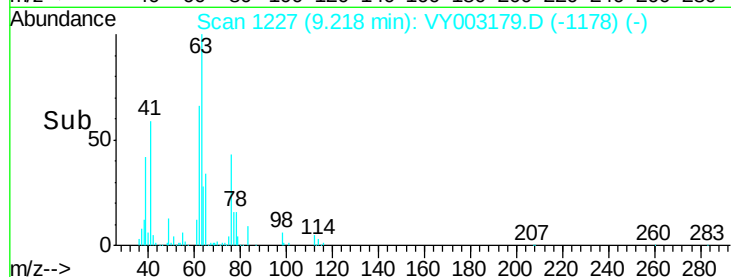
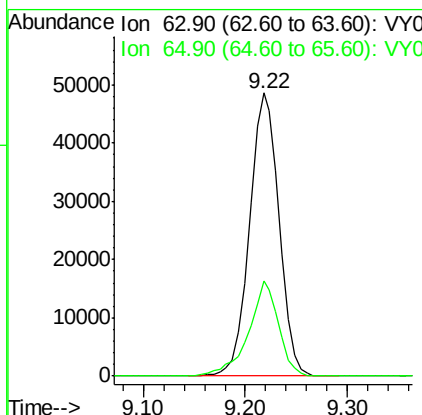
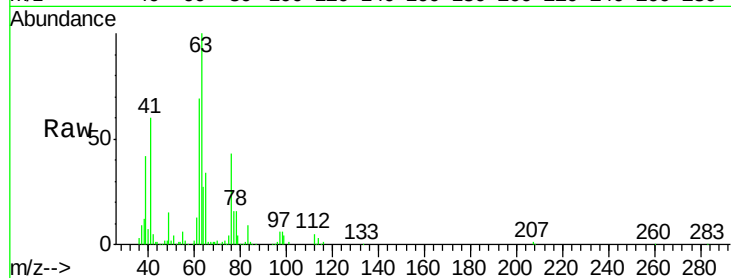
#45
 1,2-Dichloropropane
 Concen: 20.139 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.8	25.0	37.4

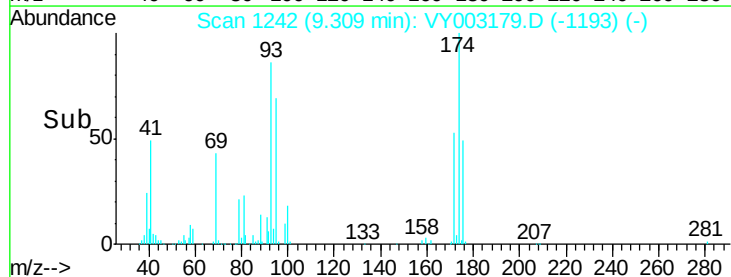
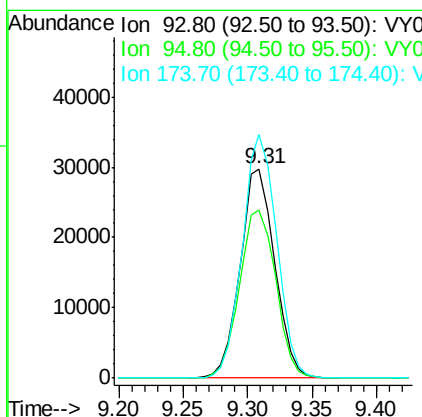
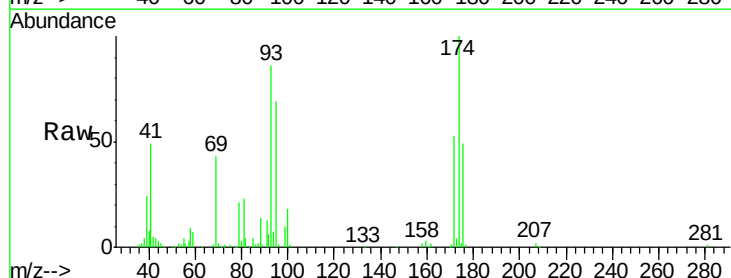
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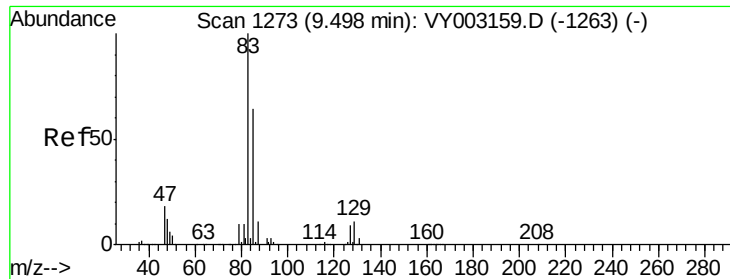
MMDadoda
 7/14/2020 11:37:16 AM



#46
 Dibromomethane
 Concen: 19.457 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.6	99.8
174	115.9	90.2	135.4





#47

Bromodichloromethane

Concen: 20.144 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

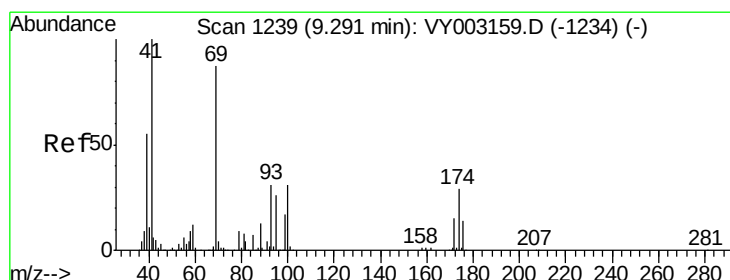
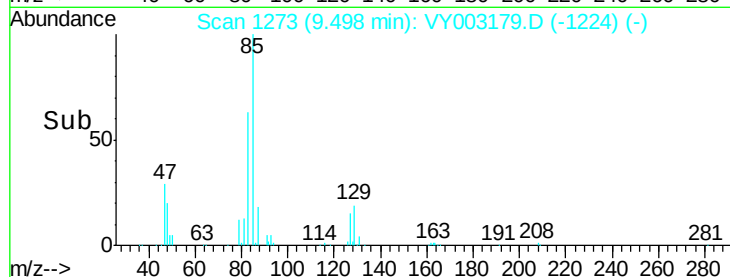
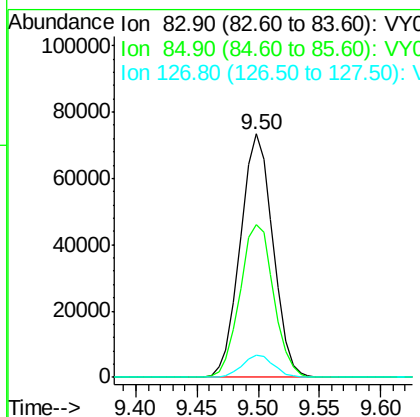
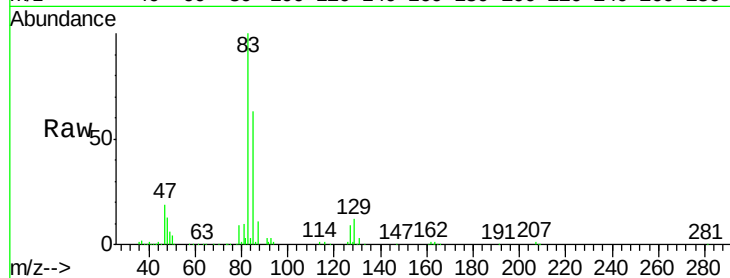
ClientSampleId :

VY0713SBS01

Tot Ion:	83	Resp:	136095
Ion Ratio	Lower	Upper	
83	100		
85	62.6	50.9	76.3
127	9.3	7.0	10.4

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MMDadoda
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#48

Methyl methacrylate

Concen: 19.640 ug/l

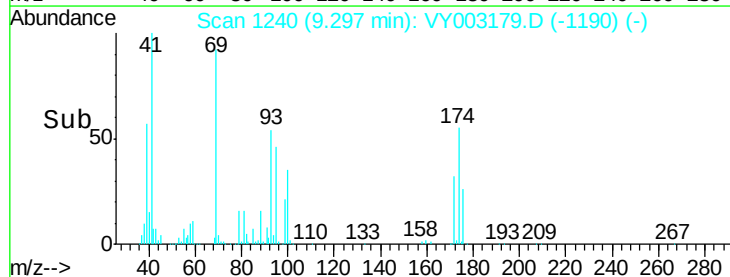
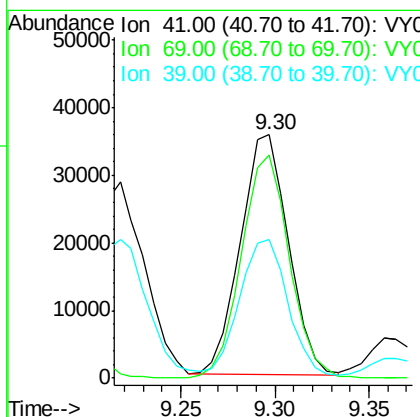
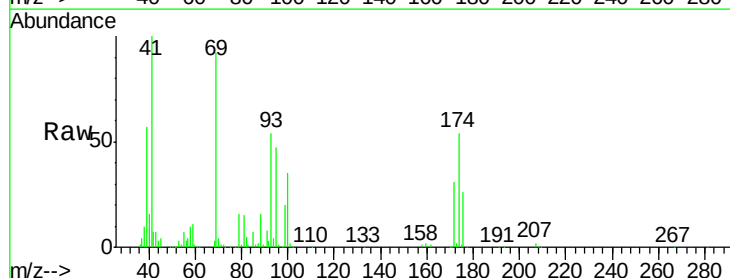
RT: 9.30 min Scan# 1240

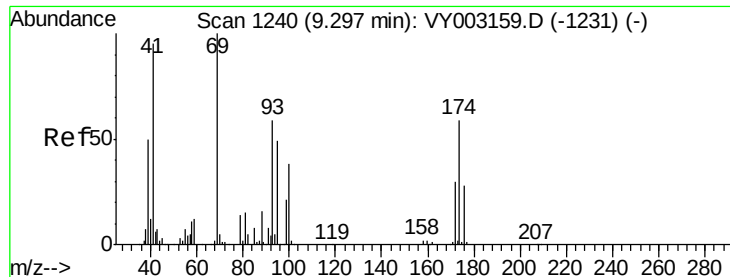
Delta R.T. 0.01 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Tgt Ion:	41	Resp:	62479
Ion Ratio	Lower	Upper	
41	100		
69	93.4	74.5	111.7
39	55.9	47.5	71.3





#49

1,4-Dioxane

Concen: 395.331 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

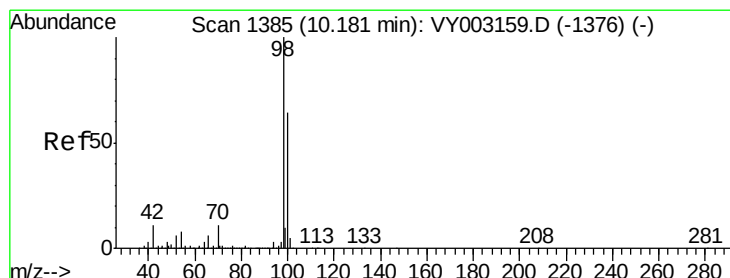
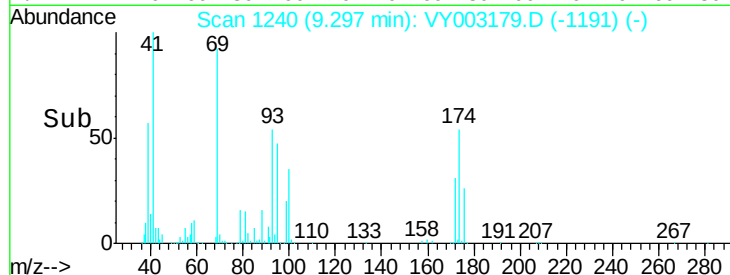
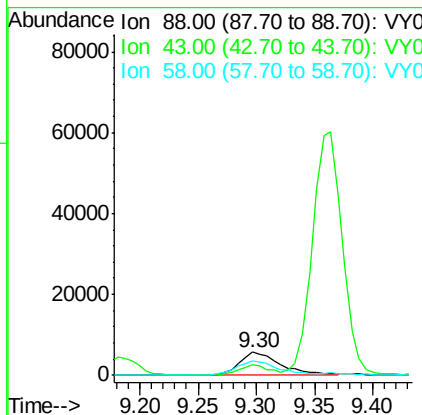
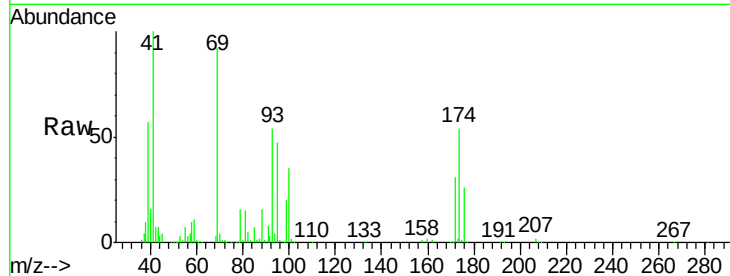
ClientSampleId :

VY0713SBS01

Tot Ion	88	Resp	14253
Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.6	38.4
58	71.6	47.8	71.6#

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#50

Toluene-d8

Concen: 44.614 ug/l

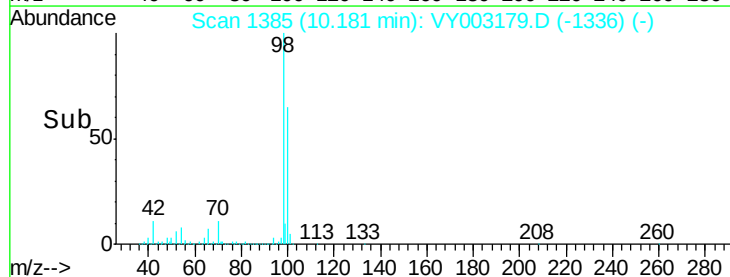
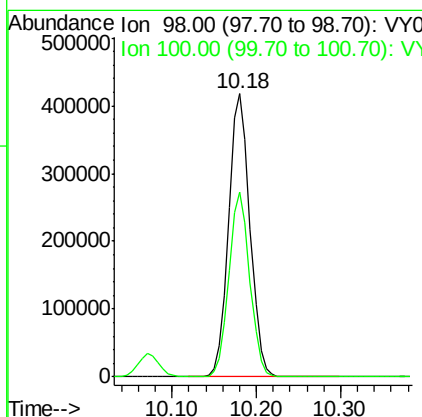
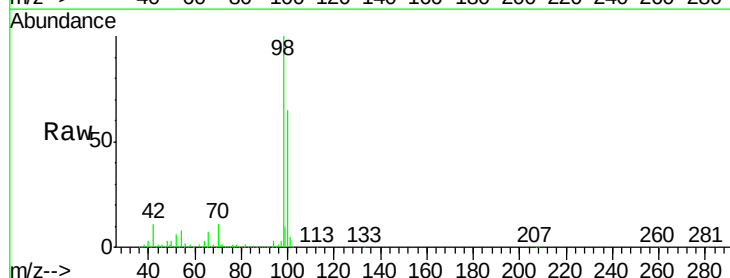
RT: 10.18 min Scan# 1385

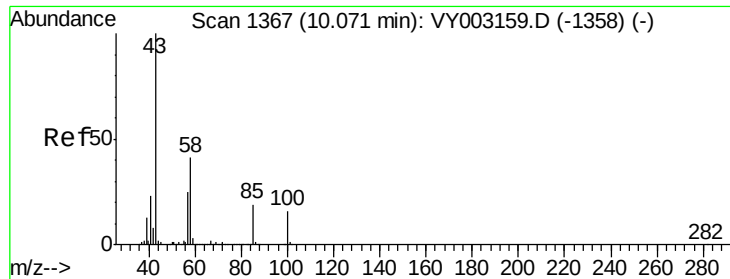
Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Tgt Ion	98	Resp	718945
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.7	76.1





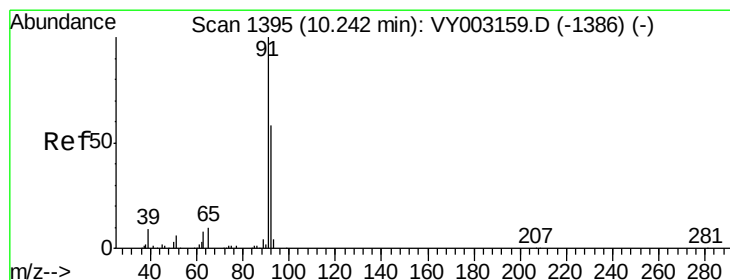
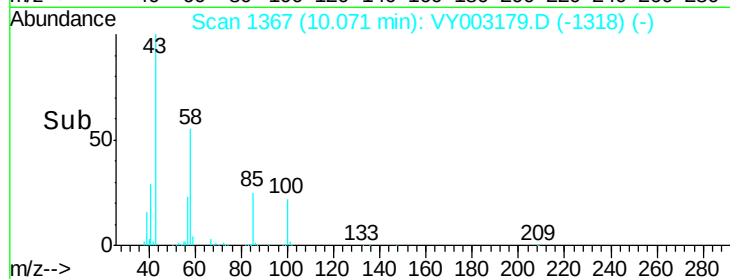
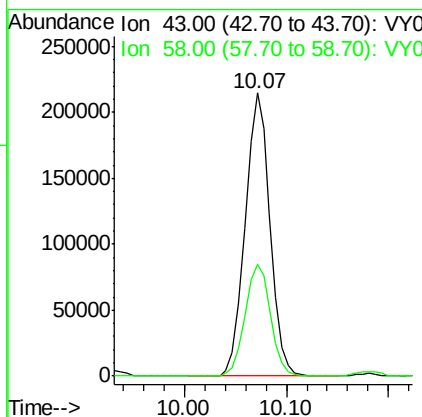
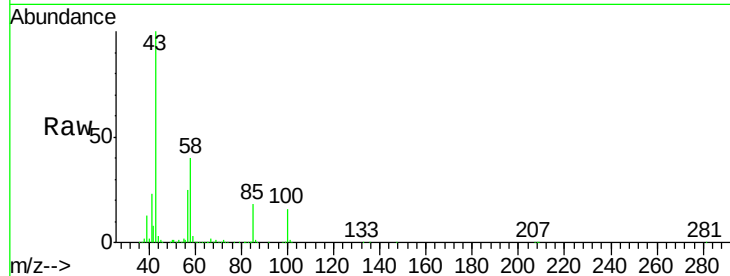
#51
4-Methyl-2-Pentanone
Concen: 97.997 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.6	32.7	49.1

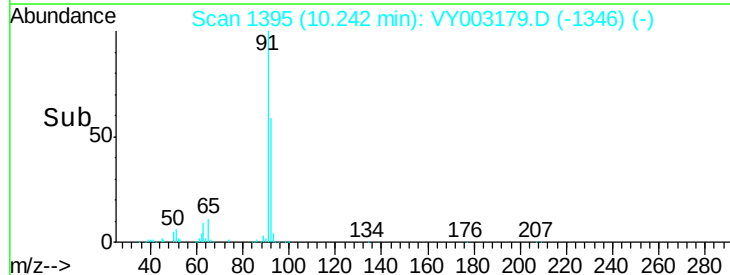
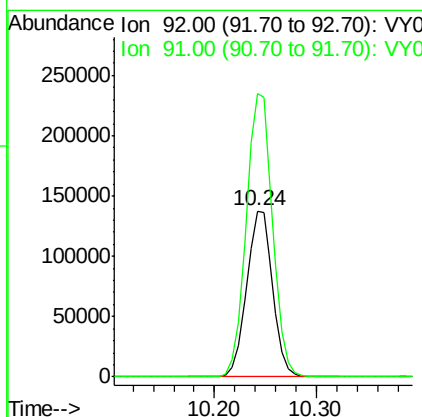
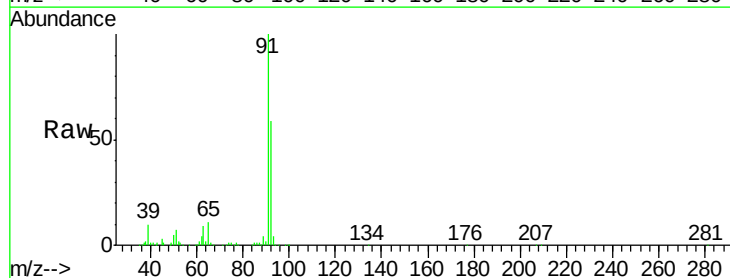
Manual Integrations
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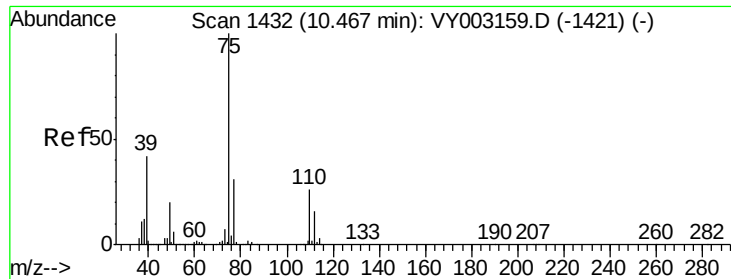
MMDadoda
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#52
Toluene
Concen: 20.249 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.9	139.7	209.5





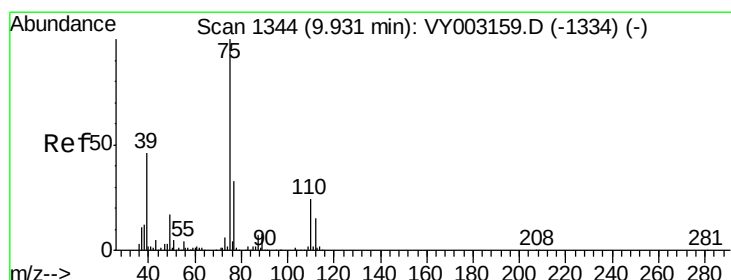
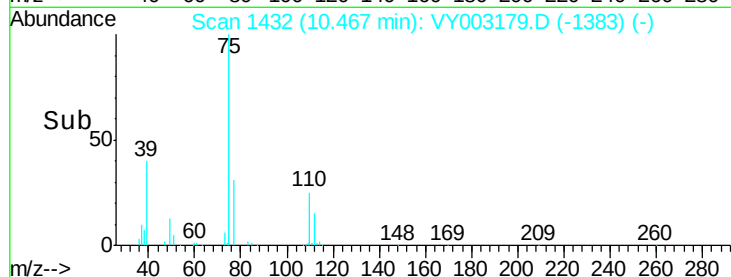
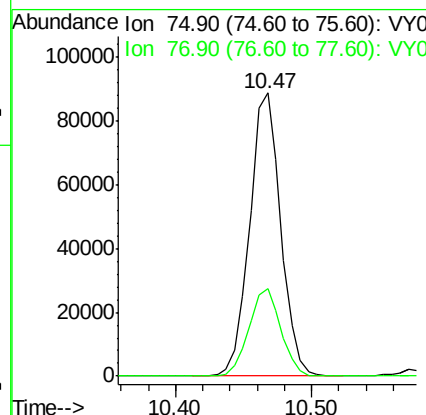
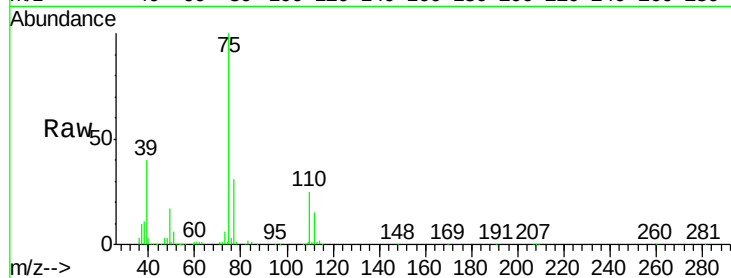
#53
t-1,3-Dichloropropene
Concen: 20.327 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.2	37.8

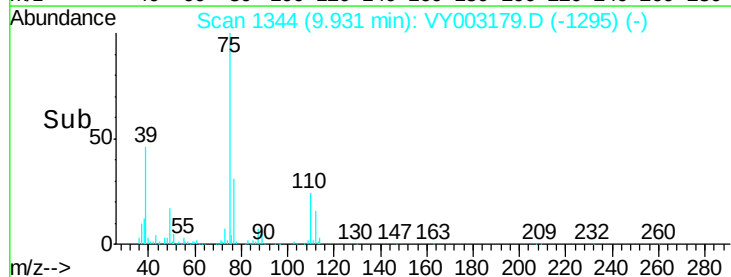
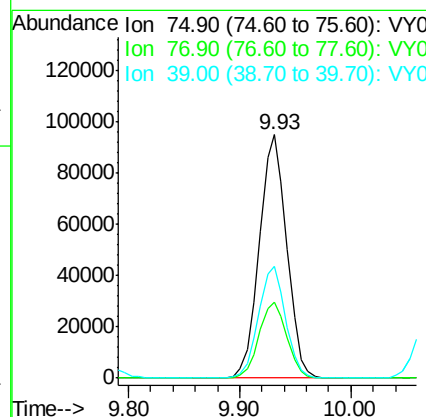
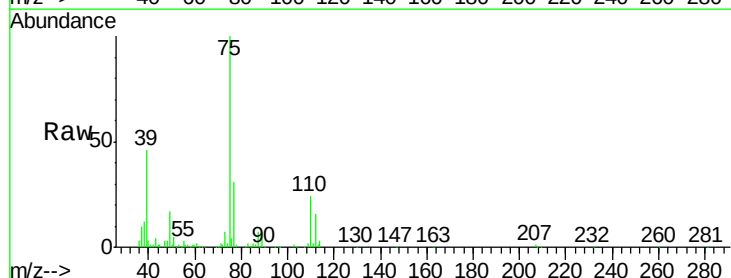
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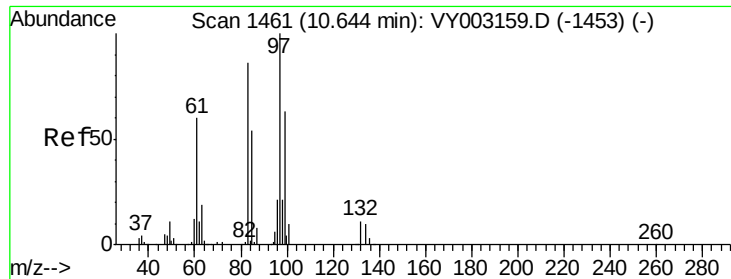
MMDadoda
7/14/2020 11:37:16 AM



#54
cis-1,3-Dichloropropene
Concen: 20.215 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.7	40.1
39	45.8	37.0	55.6





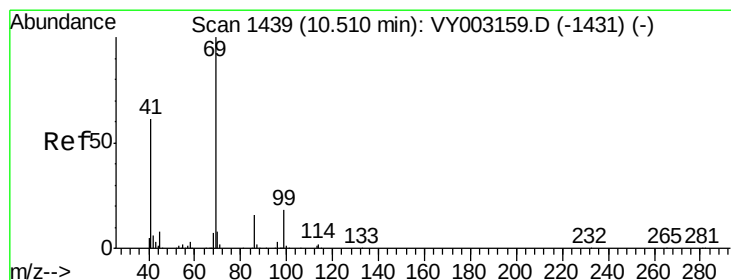
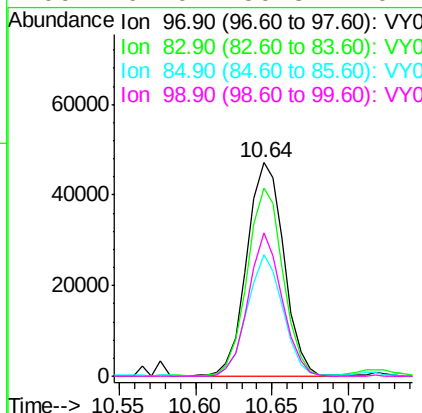
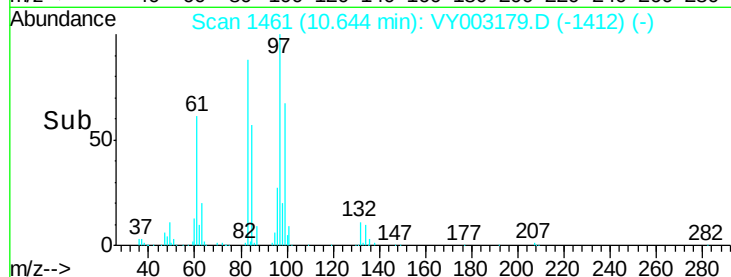
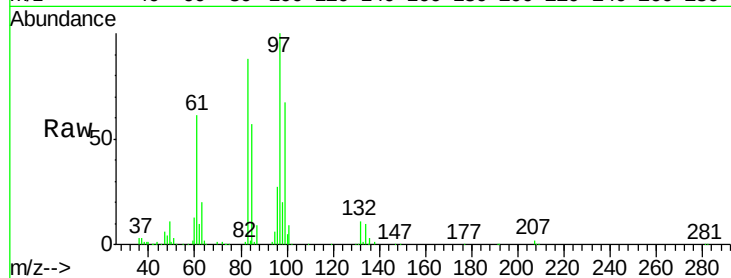
#55
 1,1,2-Trichloroethane
 Concen: 19.841 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	97	Resp	79867
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.8	103.2
85	56.8	43.1	64.7
99	67.0	50.8	76.2

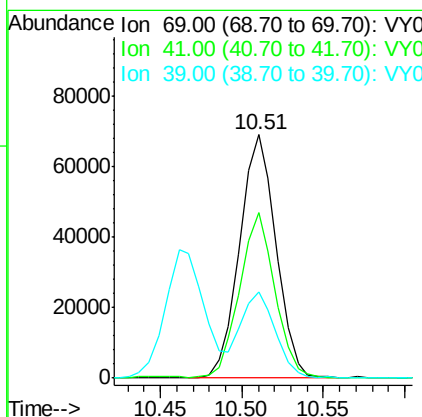
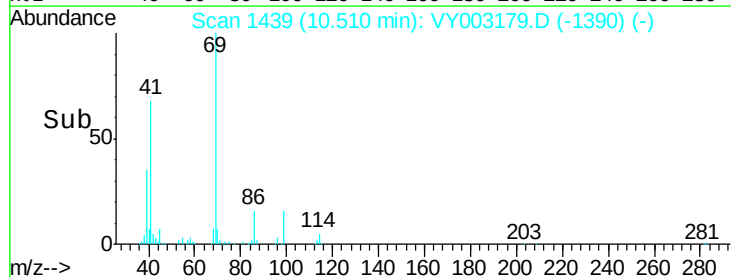
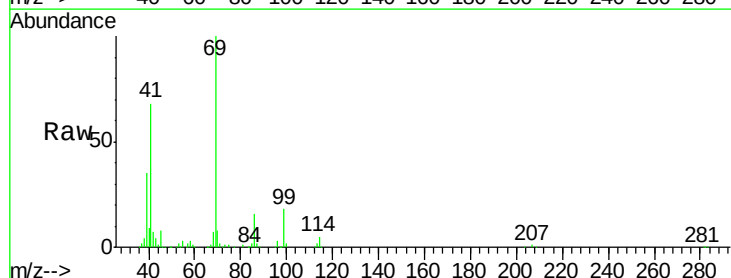
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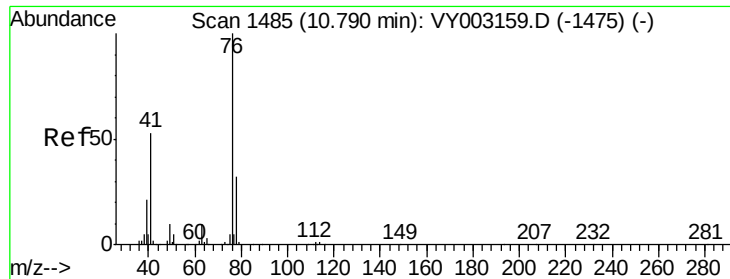
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#56
 Ethyl methacrylate
 Concen: 19.636 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Tgt Ion	69	Resp	107461
Ion	Ratio	Lower	Upper
69	100		
41	65.3	50.0	75.0
39	32.6	27.6	41.4





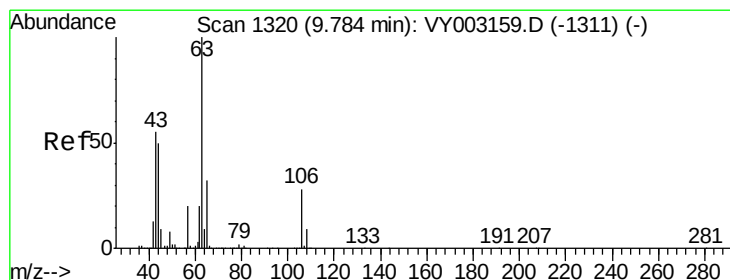
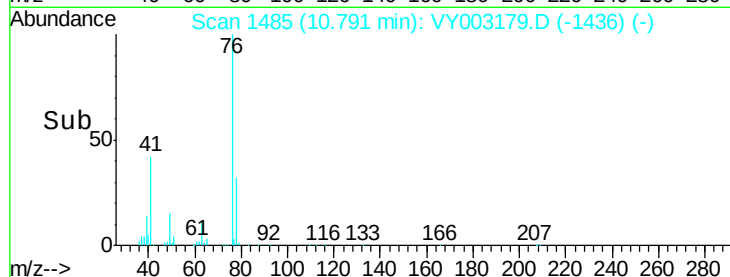
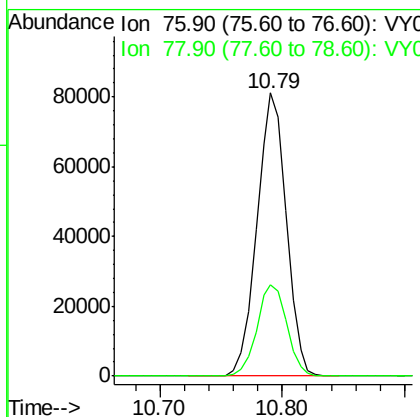
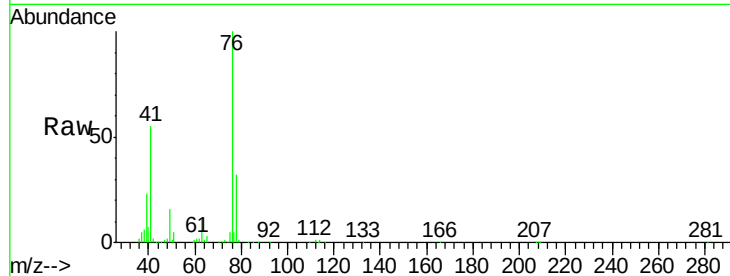
#57
 1,3-Dichloropropane
 Concen: 19.854 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.0	39.0

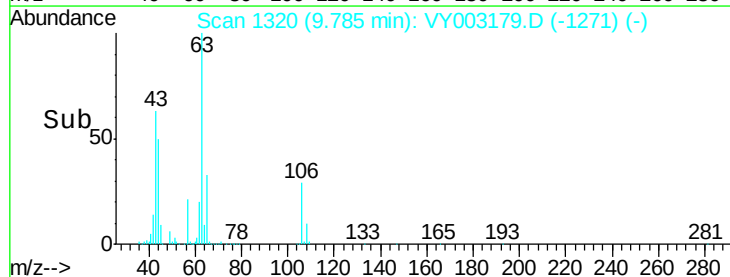
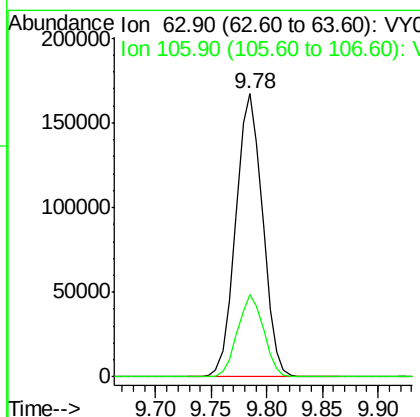
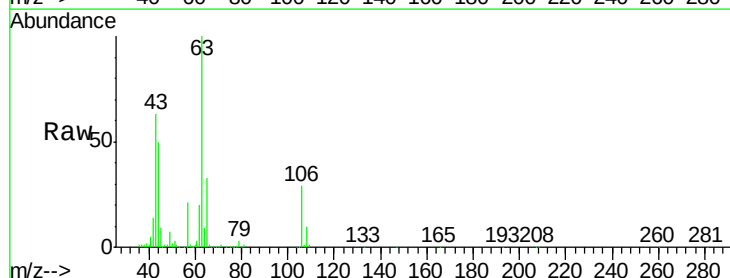
Manual Integrations
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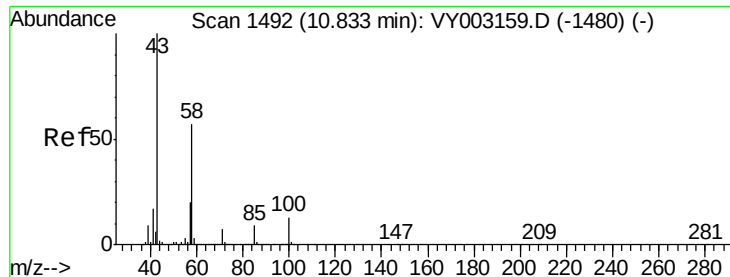
MMDadoda
 7/14/2020 11:37:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.865 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.9	34.3





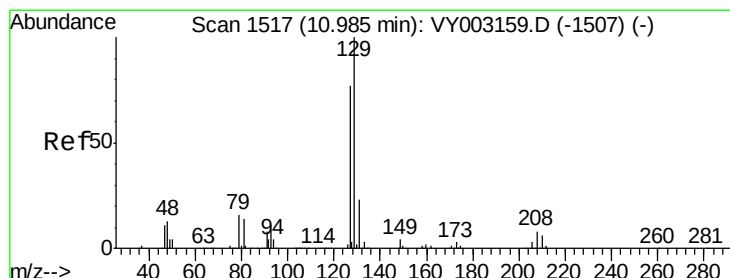
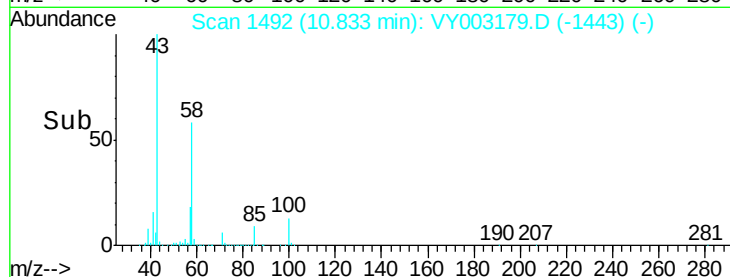
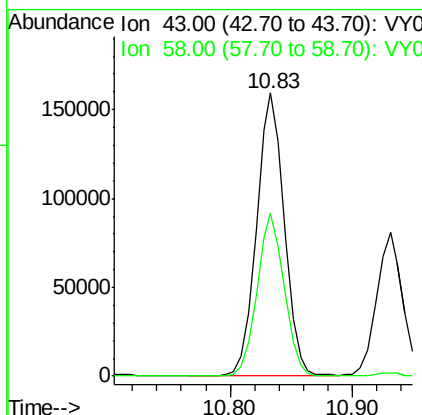
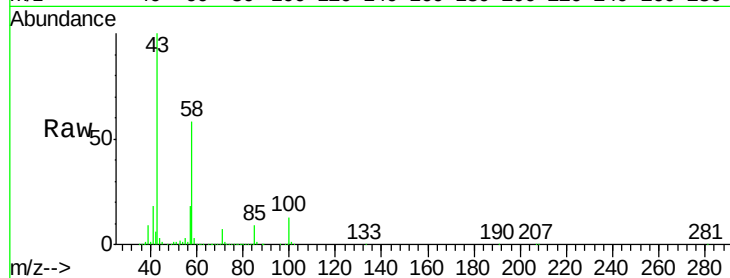
#59
2-Hexanone
Concen: 97.277 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion: 43 Resp: 251162
Ion Ratio Lower Upper
43 100
58 56.5 28.3 85.0

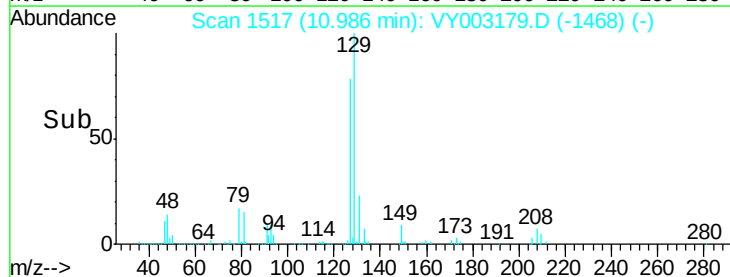
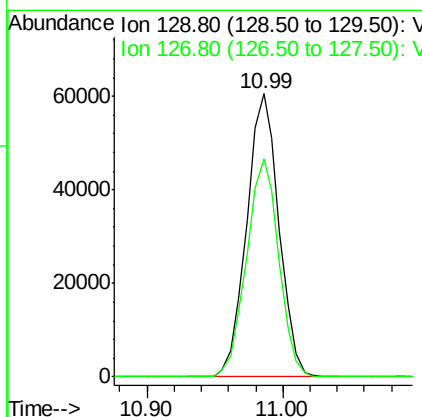
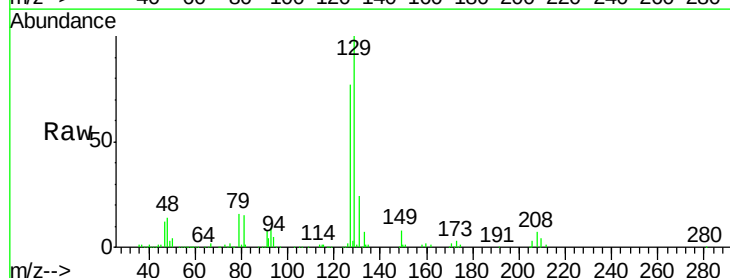
Manual Integrations
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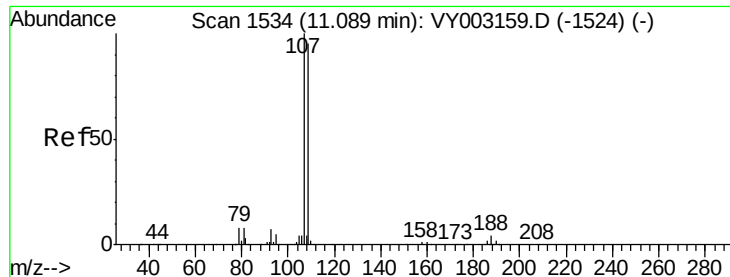
MMDadoda
7/14/2020 11:37:16 AM



#60
Dibromochloromethane
Concen: 19.878 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion: 129 Resp: 100643
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





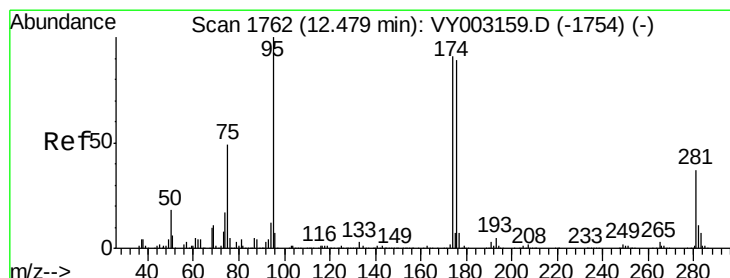
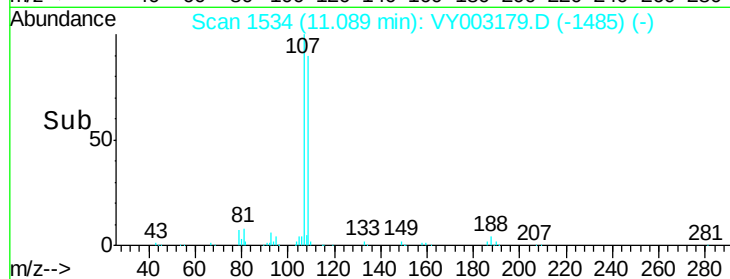
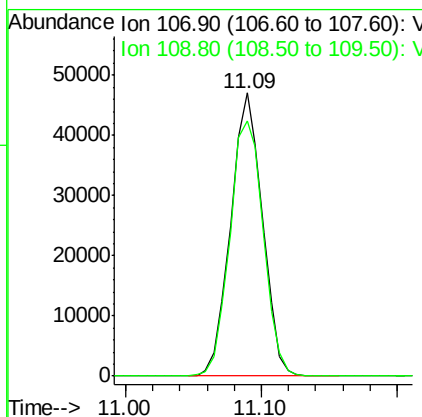
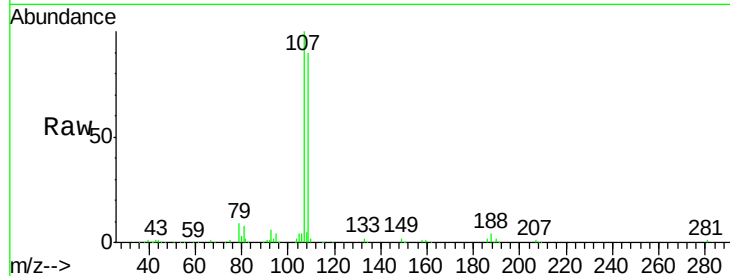
#61
 1,2-Dibromoethane
 Concen: 19.216 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.6	113.4

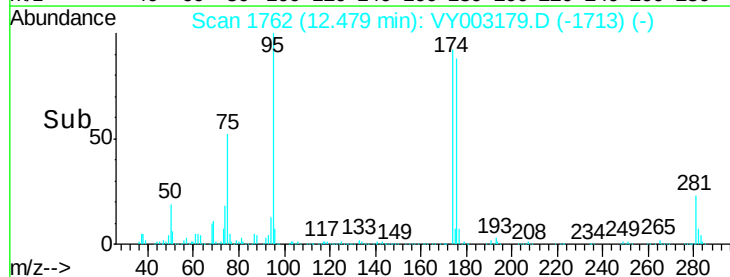
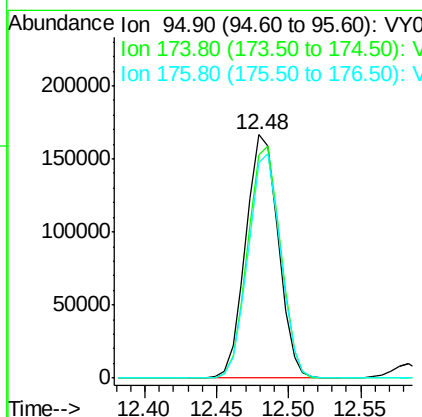
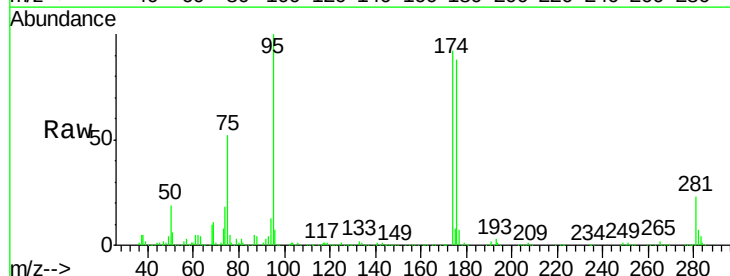
Manual Integrations
 APPROVED

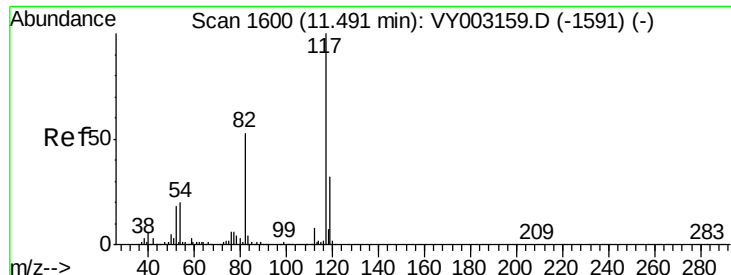
MMDadoda
 7/14/2020 11:37:16 AM



#62
 4-Bromofluorobenzene
 Concen: 44.599 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	190.6
176	91.8	0.0	186.4





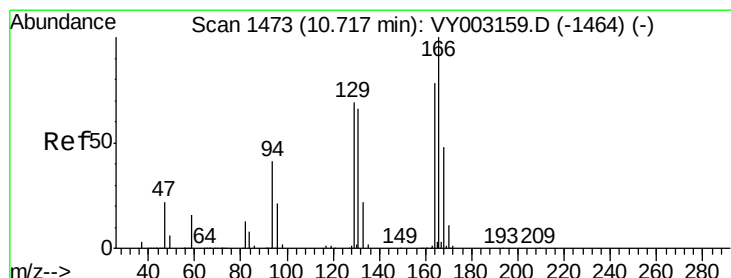
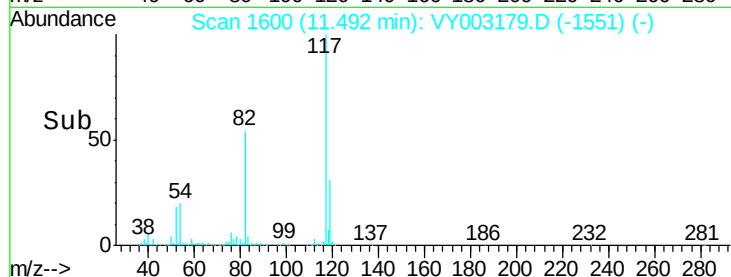
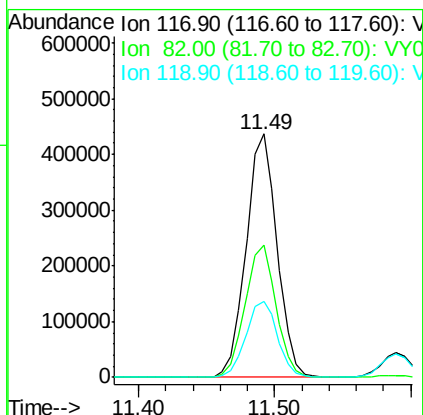
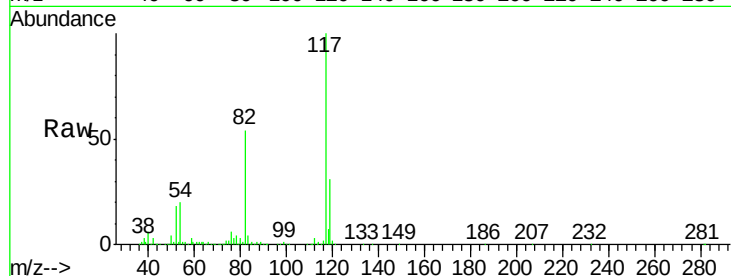
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	695053		
82	54.4	42.0	63.0	
119	31.3	25.5	38.3	

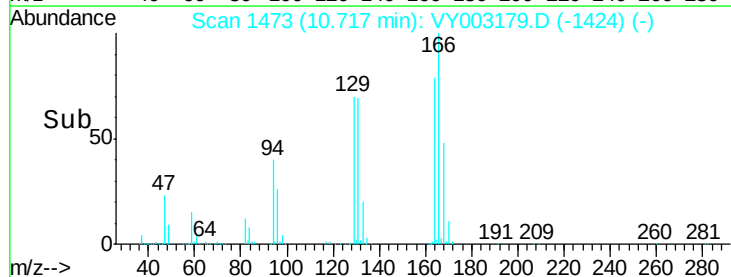
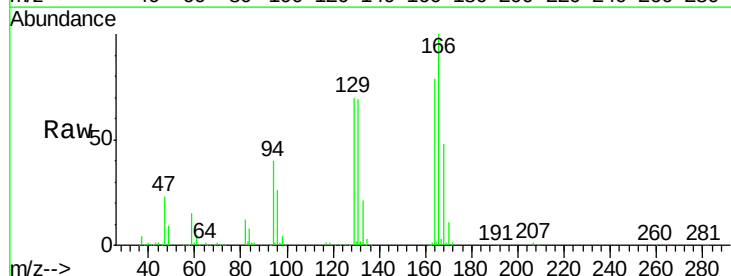
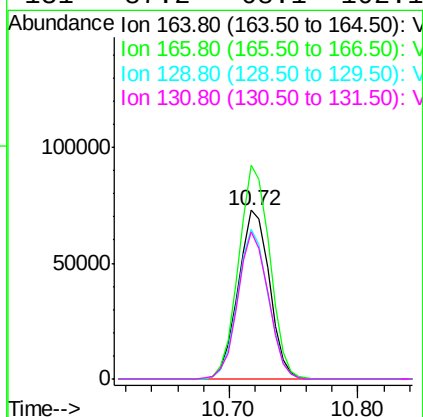
Manual Integrations
APPROVED

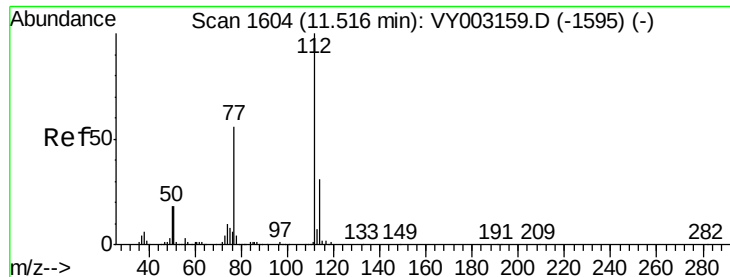
MMDadoda
7/14/2020 11:37:16 AM



#64
Tetrachloroethene
Concen: 19.694 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	122052		
166	126.6	102.9	154.3	
129	88.7	71.4	107.2	
131	87.2	68.1	102.1	





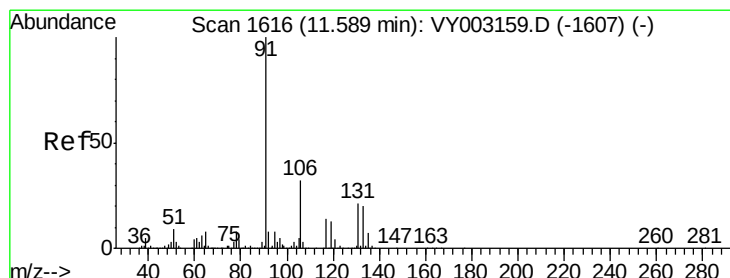
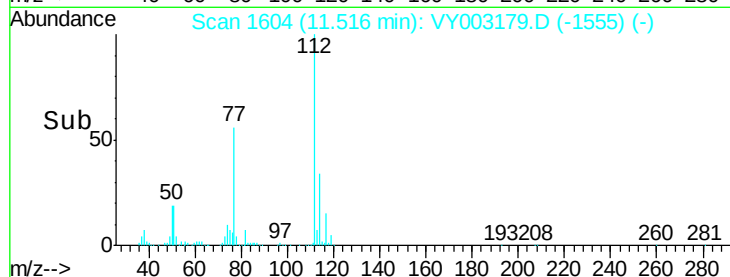
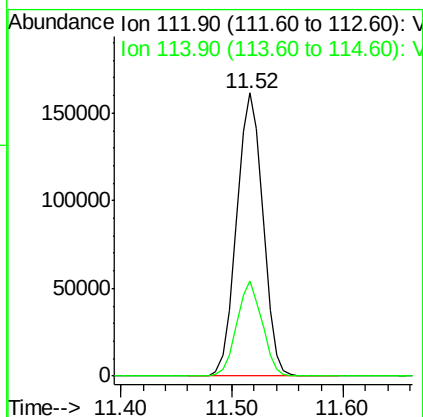
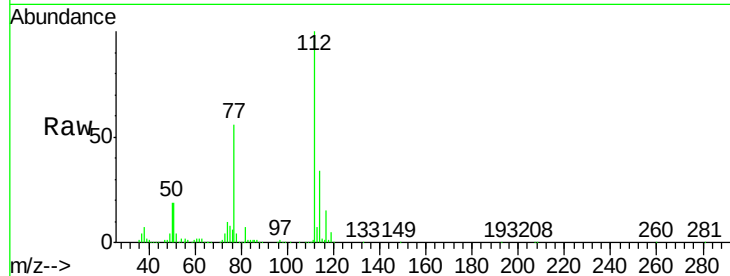
#65
Chlorobenzene
Concen: 19.684 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion:112 Resp: 263570
Ion Ratio Lower Upper
112 100
114 33.8 24.7 37.1

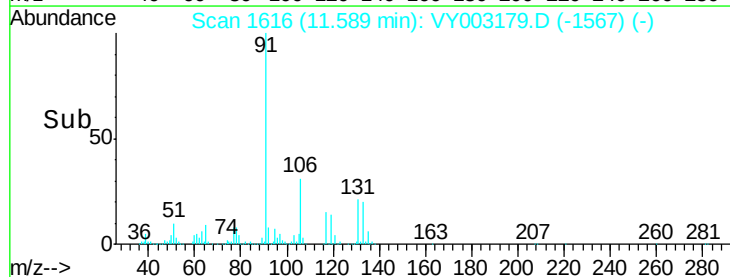
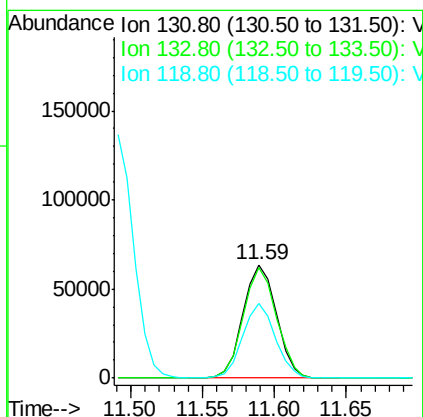
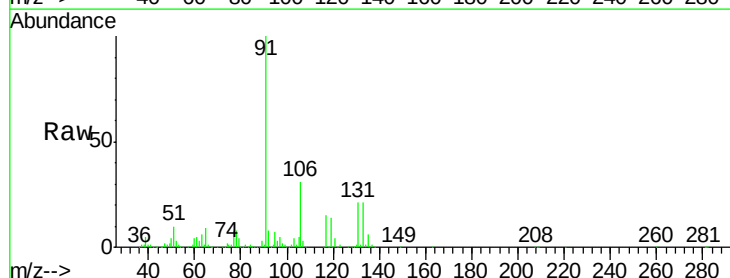
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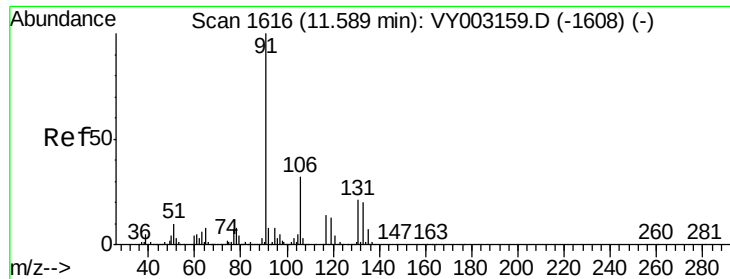
MMDadoda
7/14/2020 11:37:16 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.638 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion:131 Resp: 102127
Ion Ratio Lower Upper
131 100
133 97.0 48.0 144.0
119 64.8 32.4 97.0





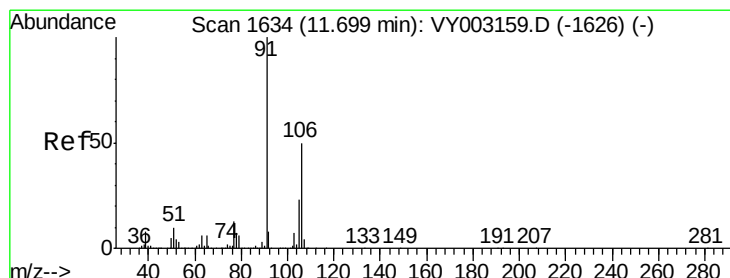
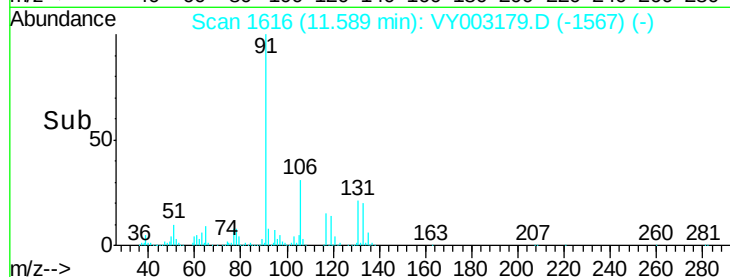
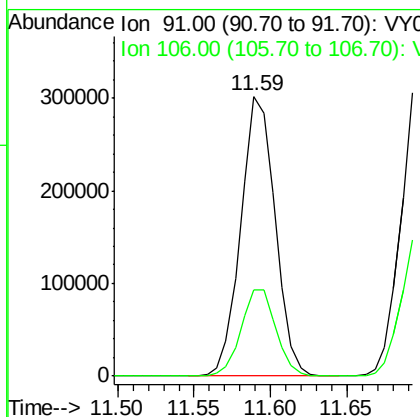
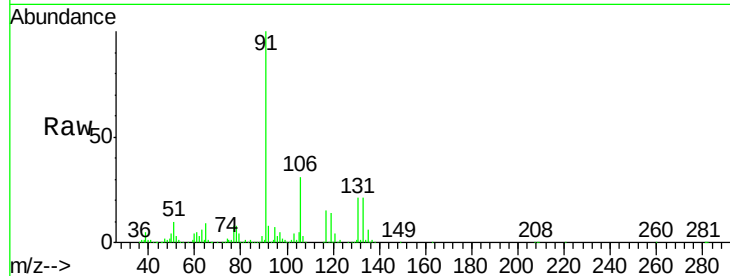
#67
Ethyl Benzene
Concen: 19.698 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion: 91 Resp: 470927
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3

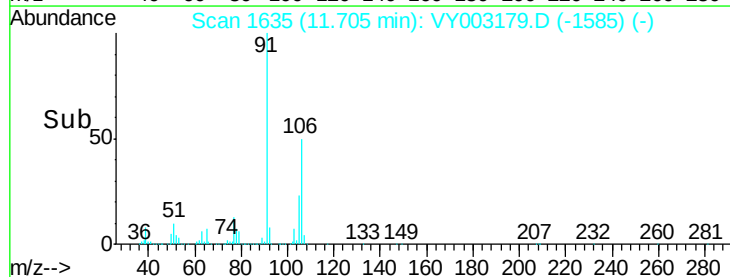
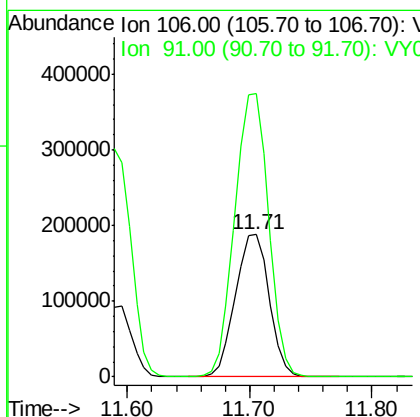
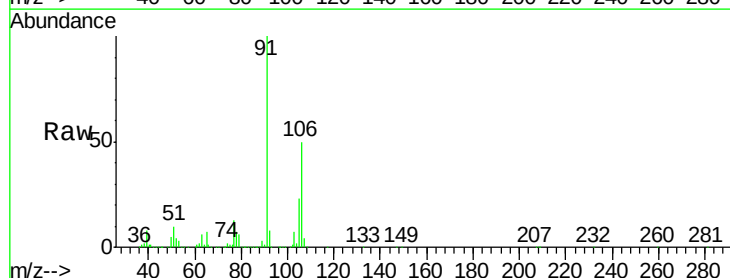
Manual Integrations
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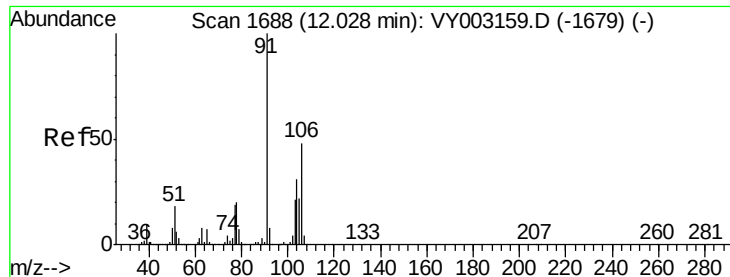
MMDadoda
7/14/2020 11:37:16 AM



#68
m/p-Xylenes
Concen: 39.755 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion: 106 Resp: 360625
Ion Ratio Lower Upper
106 100
91 199.0 159.0 238.6





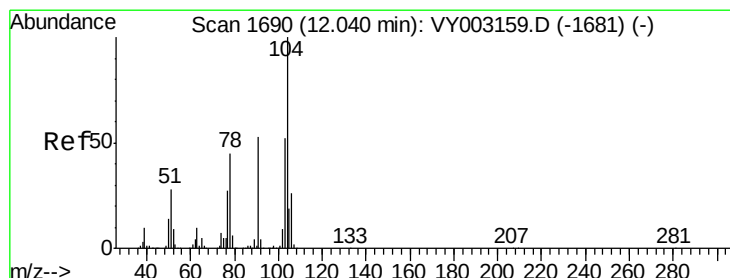
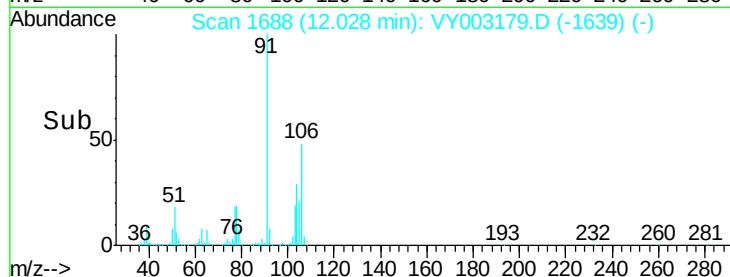
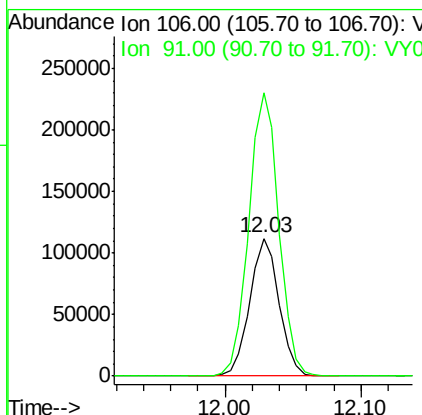
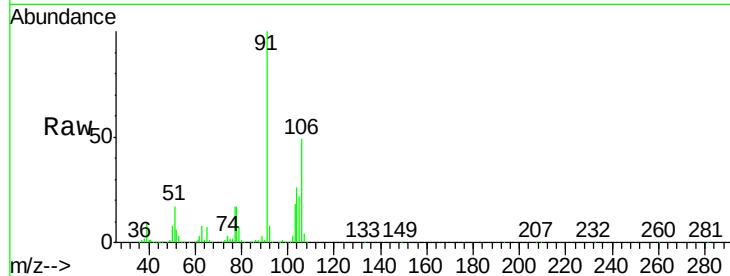
#69
o-Xylene
Concen: 19.977 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	169291		
91	91	210.0	105.1	315.1	

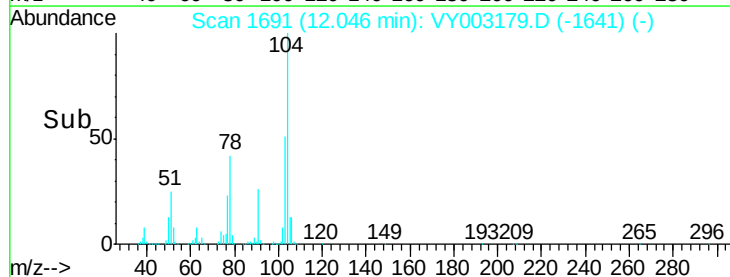
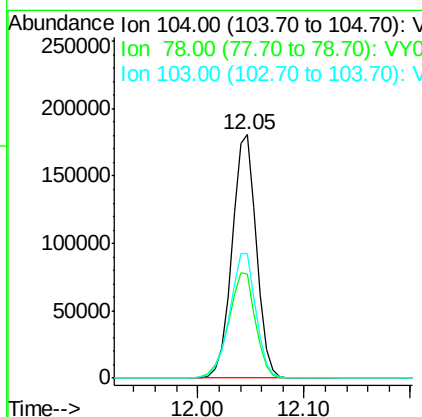
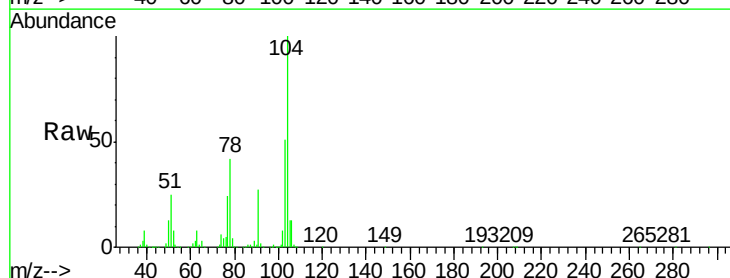
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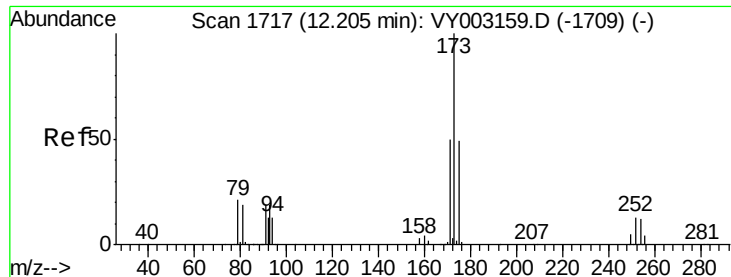
MMDadoda
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#70
Styrene
Concen: 19.910 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	288635		
78	78	47.7	38.5	57.7	
103	103	55.3	43.9	65.9	





#71

Bromoform

Concen: 19.700 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion:173 Resp: 67240

Ion Ratio Lower Upper

173 100

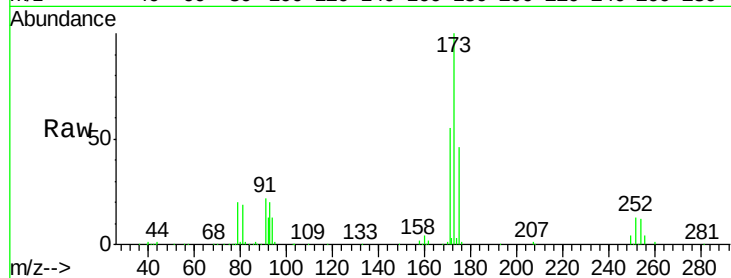
175 47.1 24.3 73.0

254 0.0 0.2 0.2#

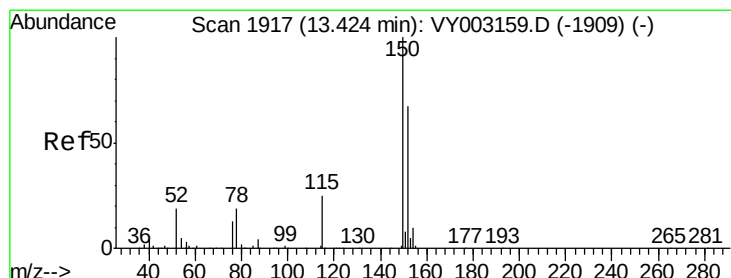
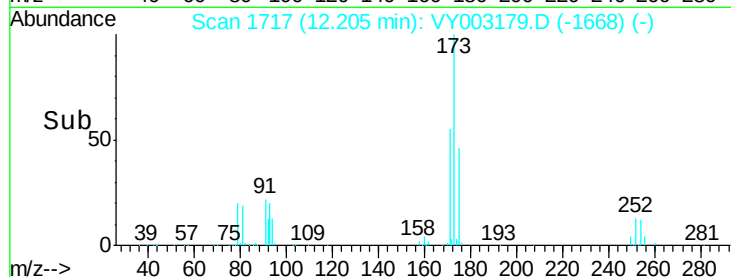
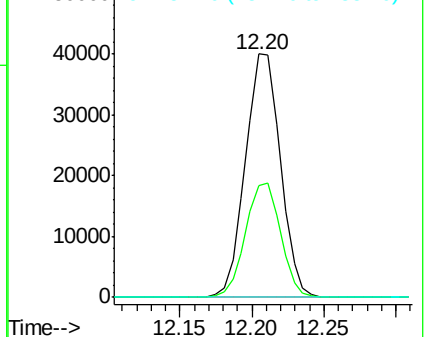
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

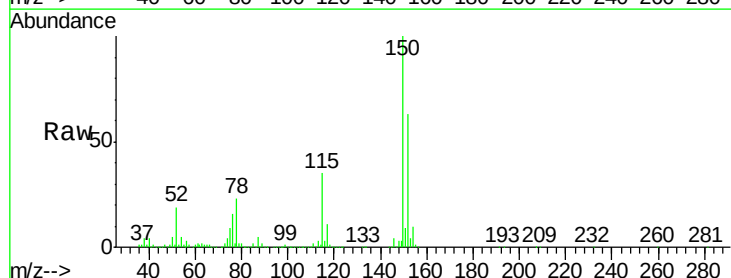
Tgt Ion:152 Resp: 368433

Ion Ratio Lower Upper

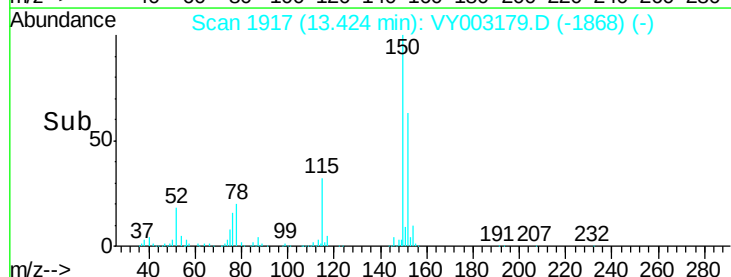
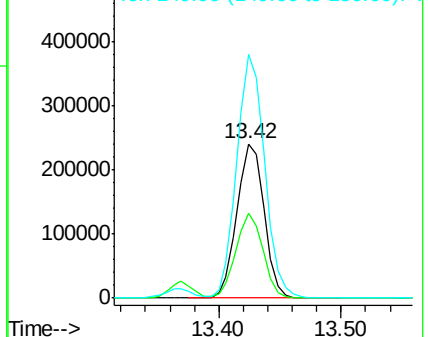
152 100

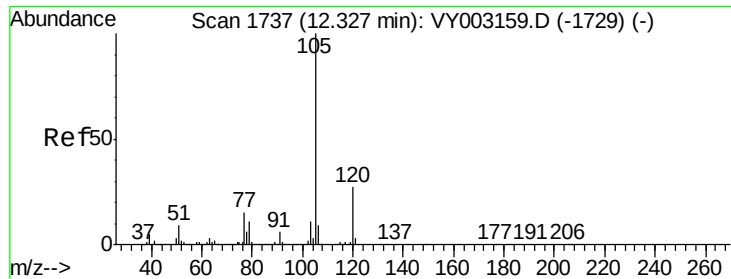
115 54.2 26.9 80.7

150 162.6 0.0 338.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





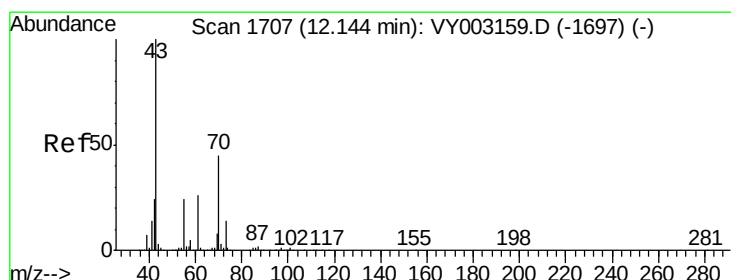
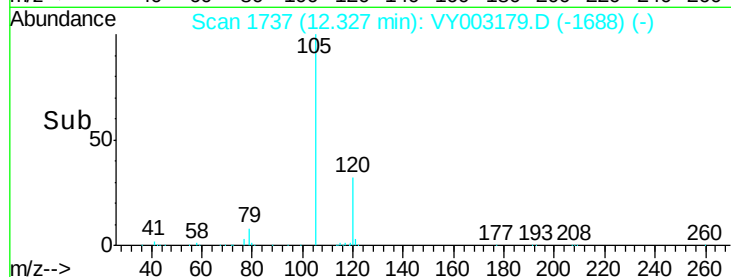
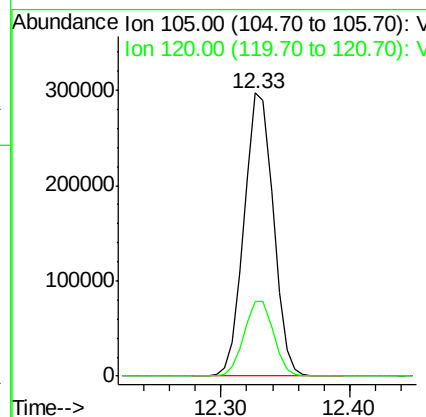
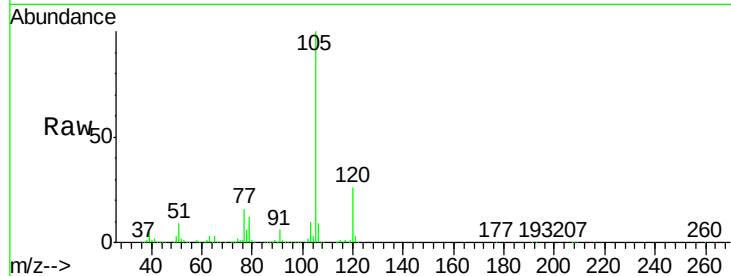
#73
Isopropylbenzene
Concen: 19.761 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.4	40.2

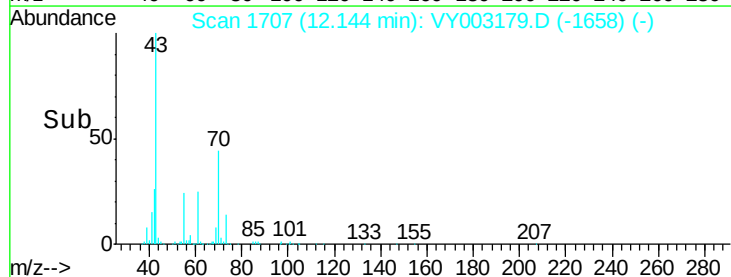
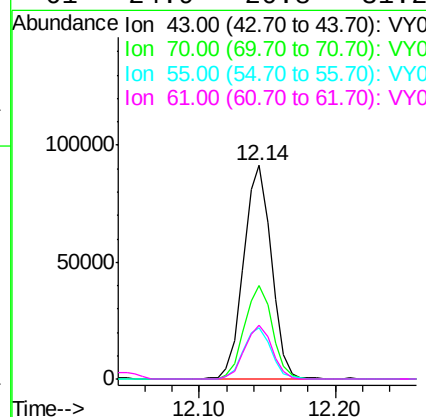
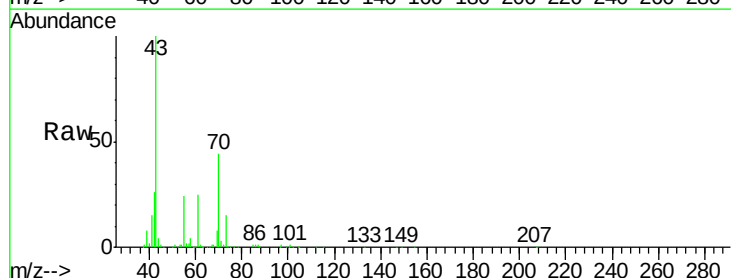
Manual Integrations
APPROVED

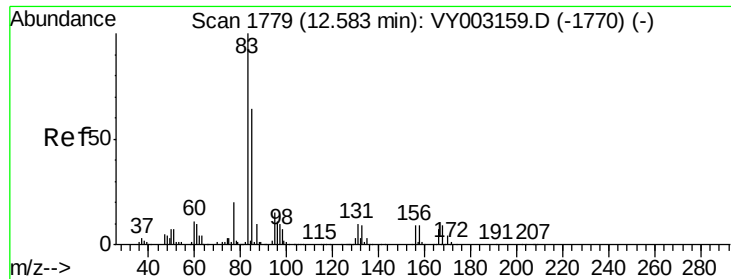
MMDadoda
7/14/2020 11:37:16 AM



#74
N-ethyl acetate
Concen: 19.681 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.2	35.6	53.4
55	24.4	19.4	29.2
61	24.9	20.8	31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.230 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

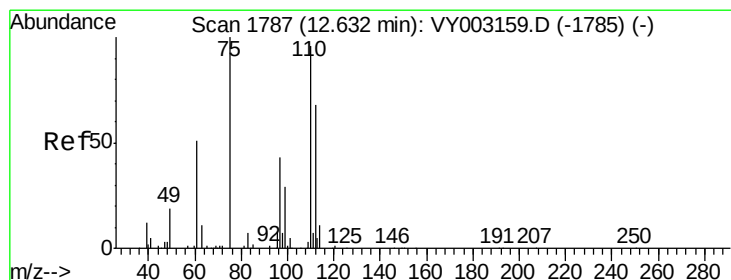
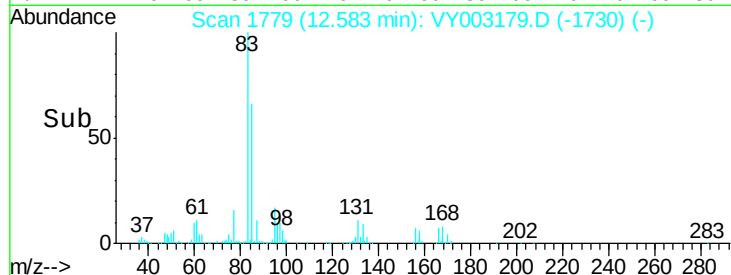
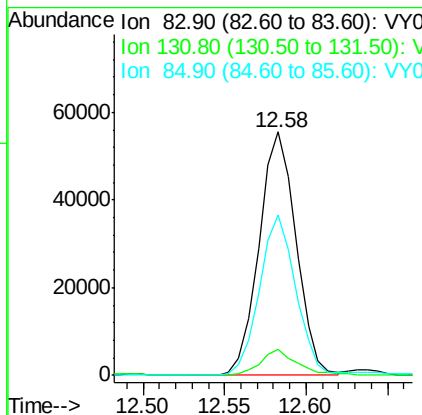
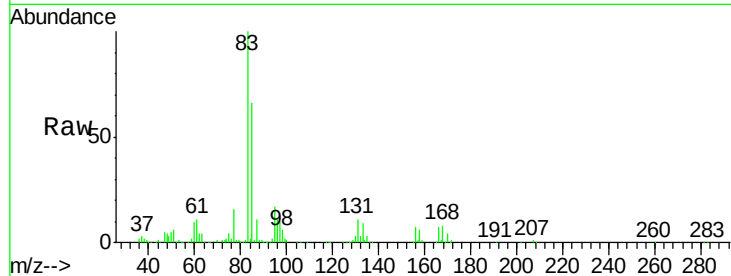
ClientSampleId :

VY0713SBS01

Tot Ion:	83	Resp:	87202
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.4	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.928 ug/l m

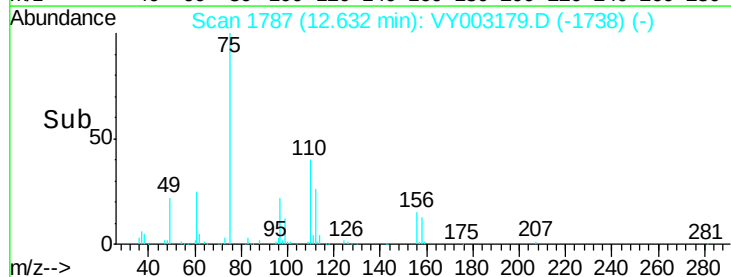
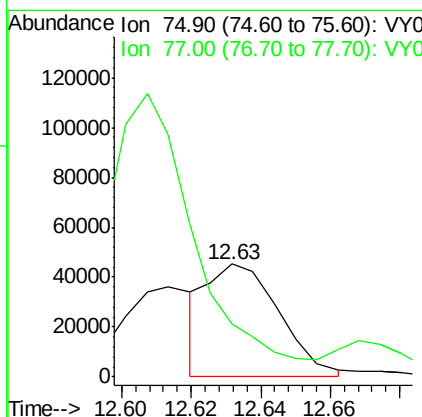
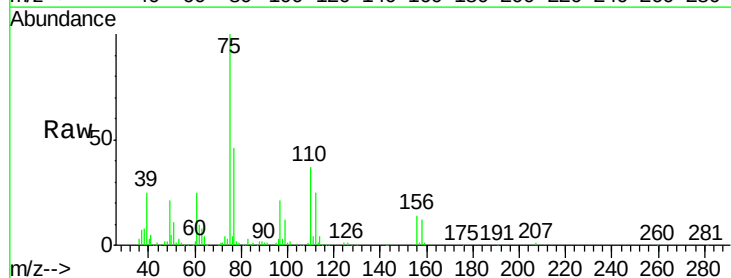
RT: 12.63 min Scan# 1787

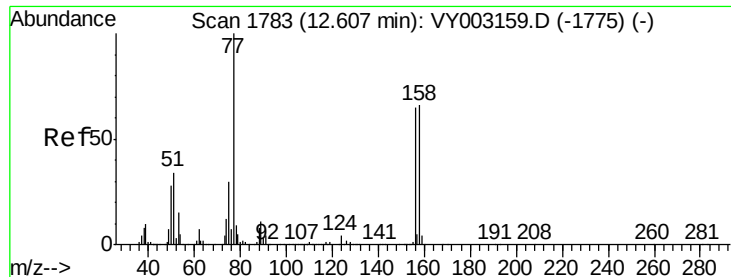
Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Tgt Ion:	75	Resp:	64991
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.636 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

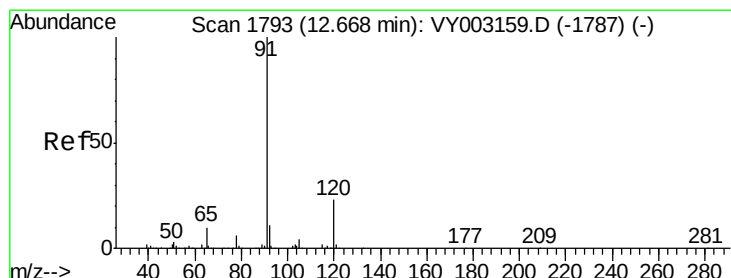
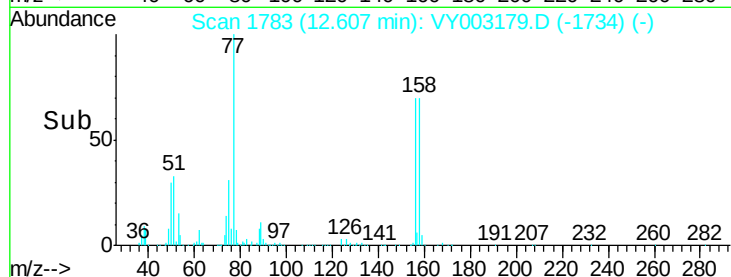
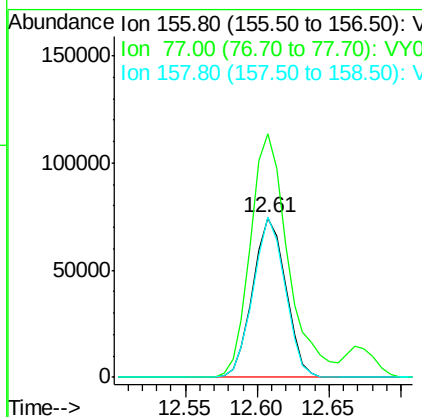
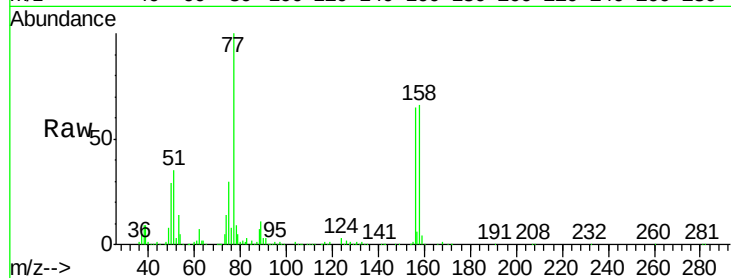
ClientSampleId :

VY0713SBS01

Tot Ion:	156	Resp:	117520
Ion Ratio	Lower	Upper	
156	100		
77	176.2	86.6	259.7
158	97.2	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 19.816 ug/l

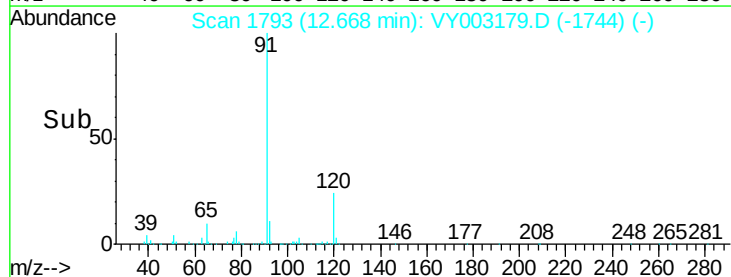
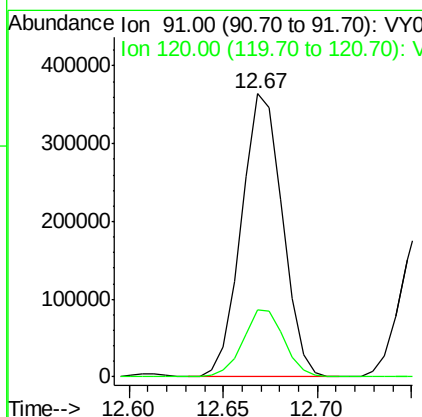
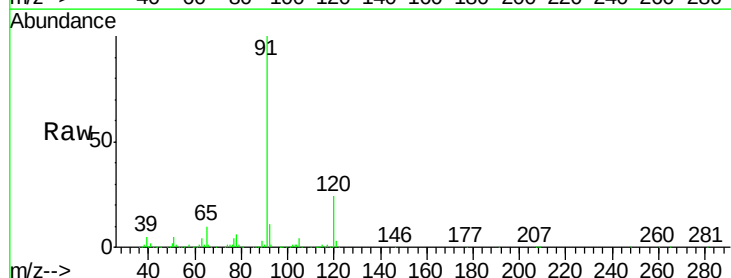
RT: 12.67 min Scan# 1793

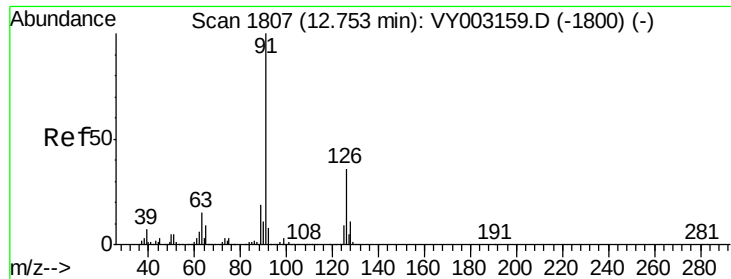
Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Tgt Ion:	91	Resp:	548437
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.7	35.1





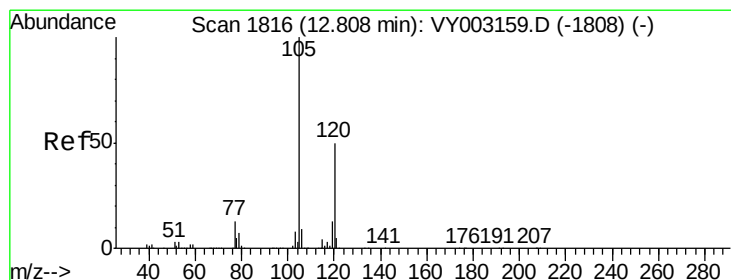
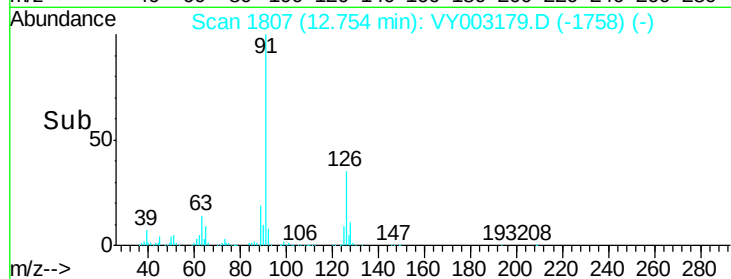
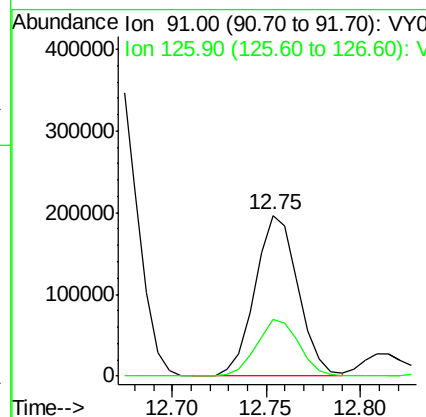
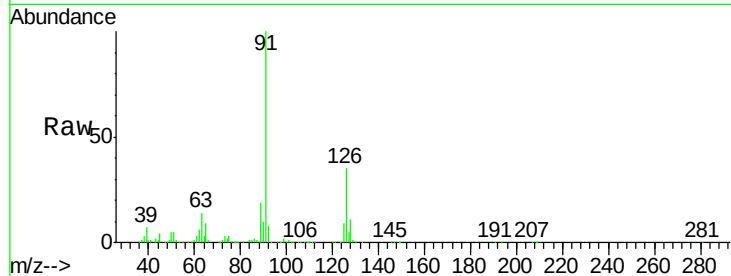
#79
2-Chlorotoluene
Concen: 20.089 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.6	52.9

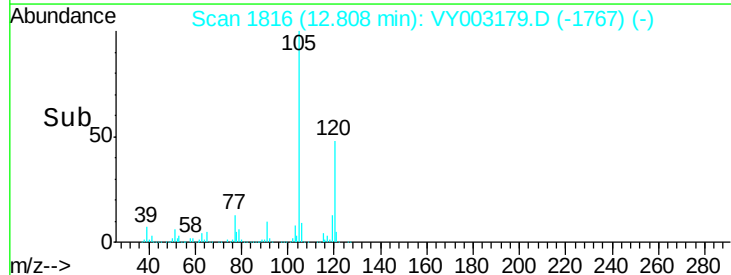
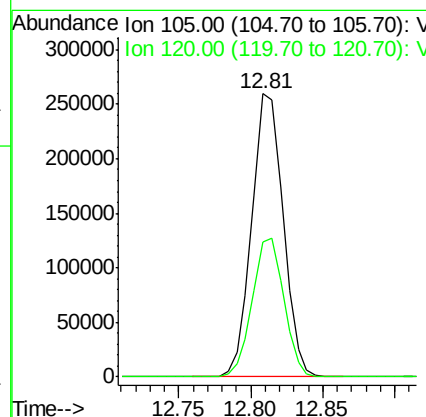
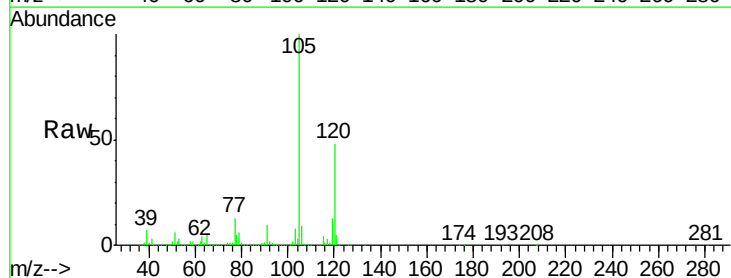
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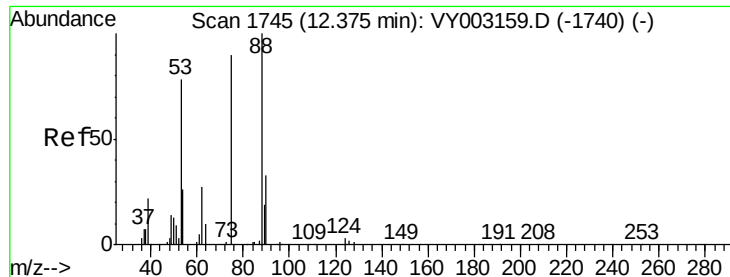
MMDadoda
7/14/2020 11:37:16 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.947 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.038 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 75 Resp: 31902

Ion Ratio Lower Upper

75 100

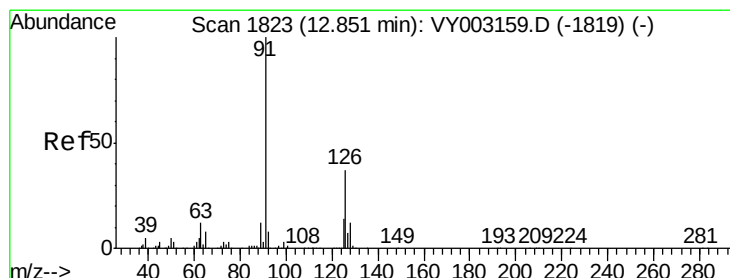
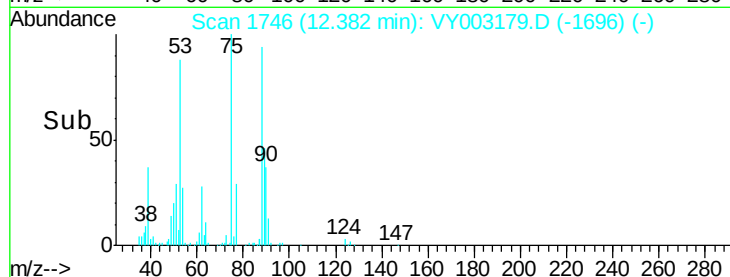
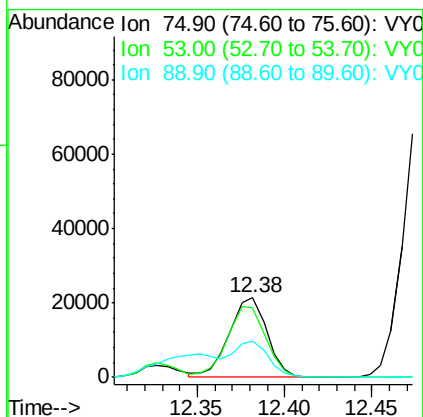
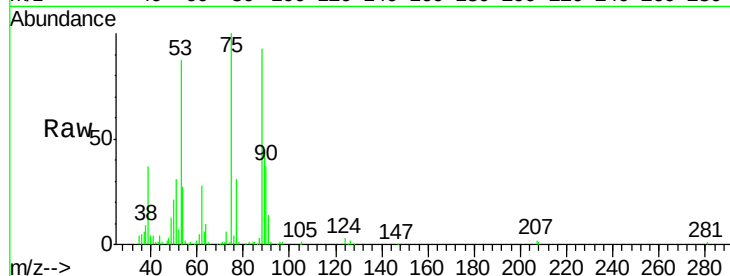
53 93.6 72.0 108.0

89 42.8 37.3 55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.042 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003179.D

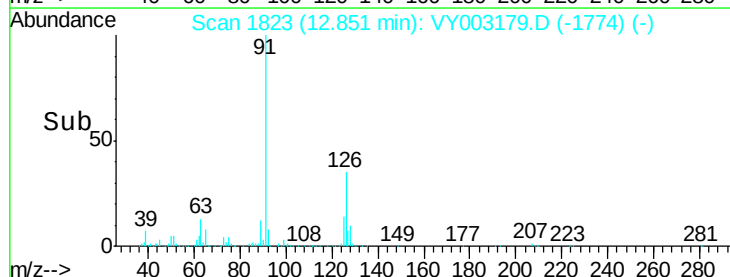
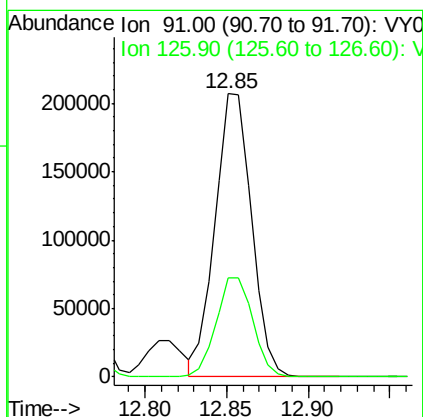
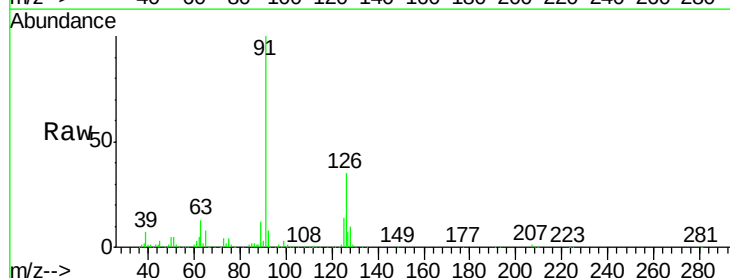
Acq: 13 Jul 2020 12:02

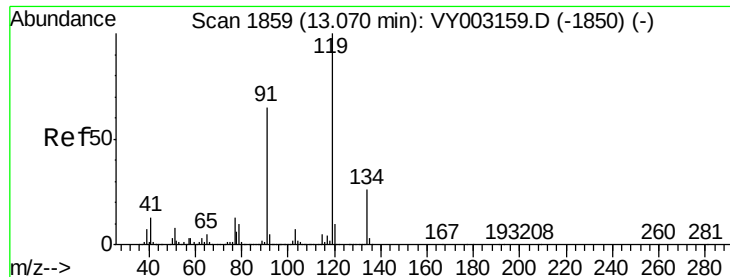
Tgt Ion: 91 Resp: 323011

Ion Ratio Lower Upper

91 100

126 35.3 17.9 53.7





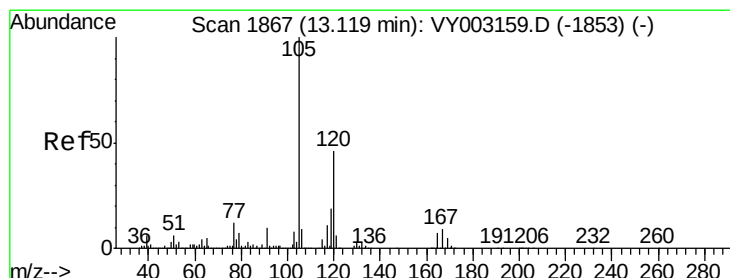
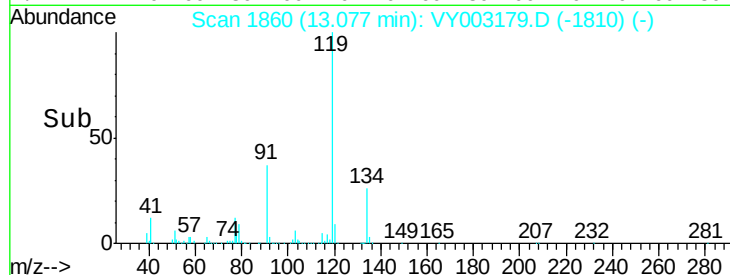
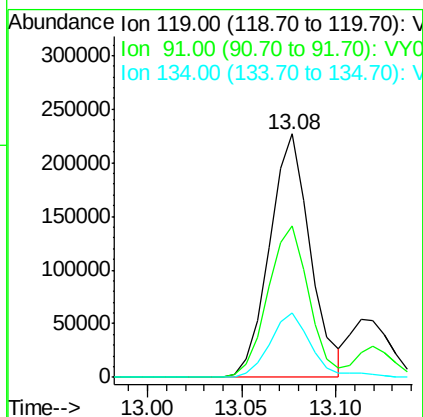
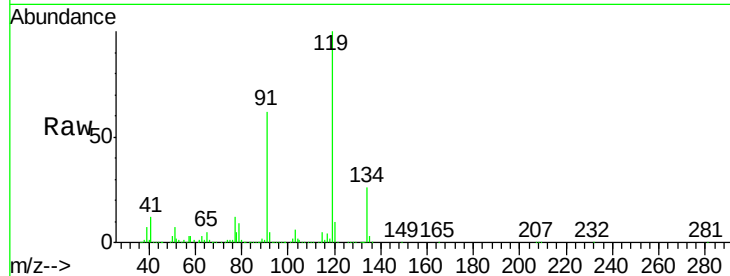
#83
tert-Butylbenzene
Concen: 19.710 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.2	30.8	92.4
134	27.4	13.2	39.6

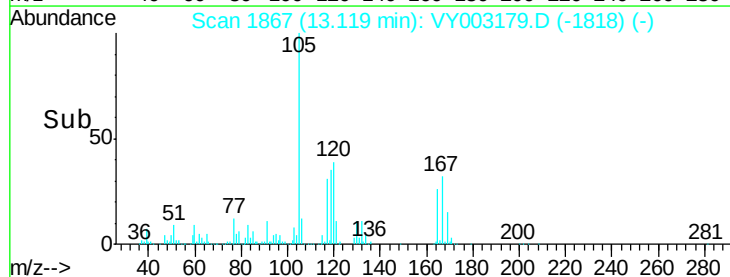
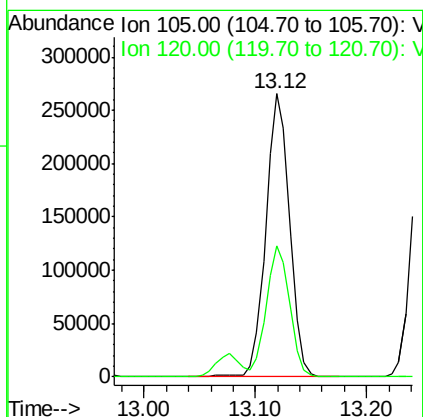
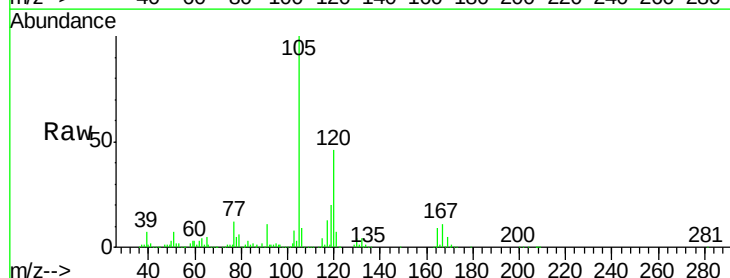
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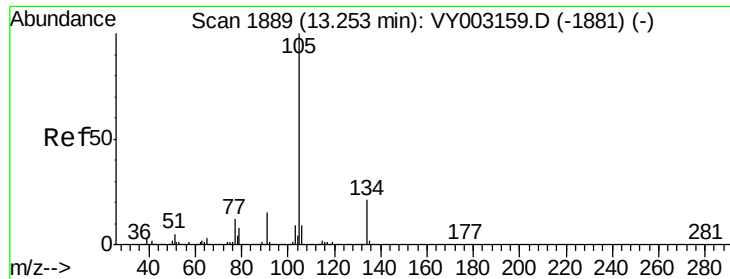
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.051 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.5	67.5





#85

sec-Butylbenzene

Concen: 19.863 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion:105 Resp: 471381

Ion Ratio Lower Upper

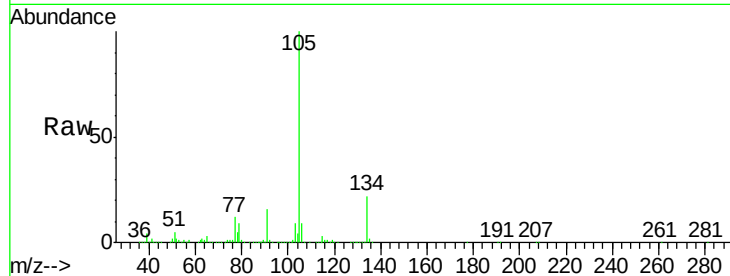
105 100

134 21.0 10.4 31.4

Manual Integrations
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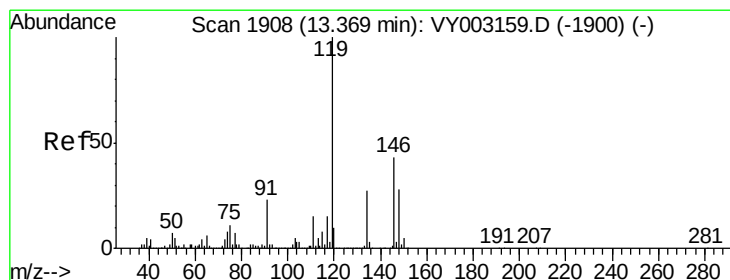
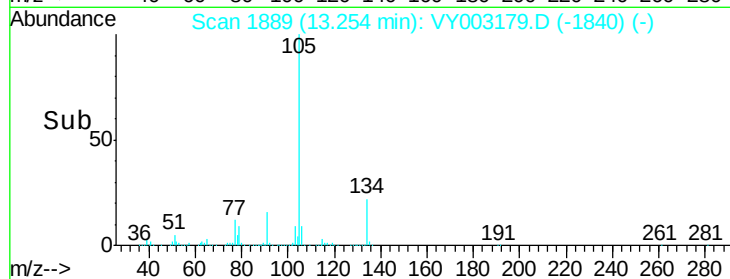
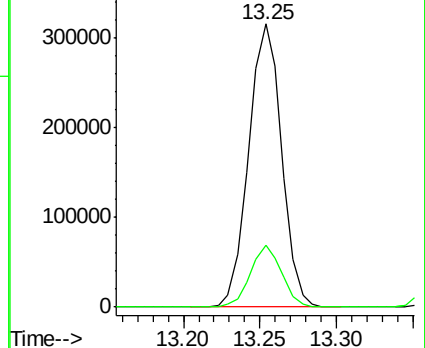
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.872 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

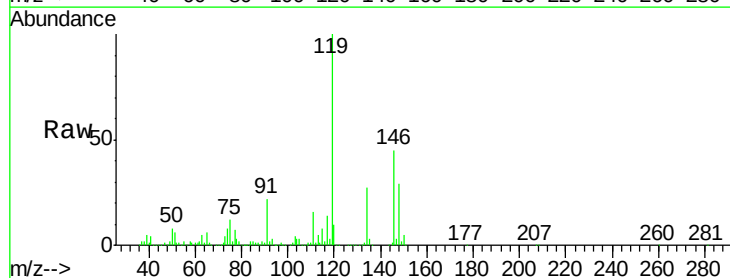
Tgt Ion:119 Resp: 440337

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

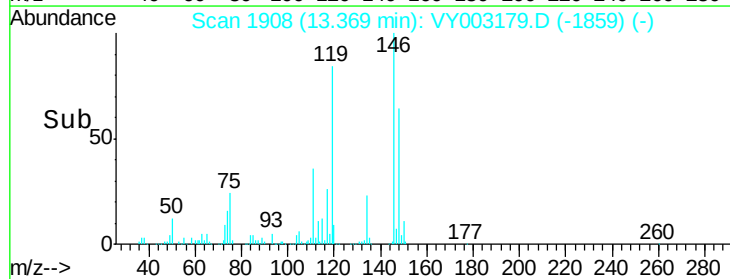
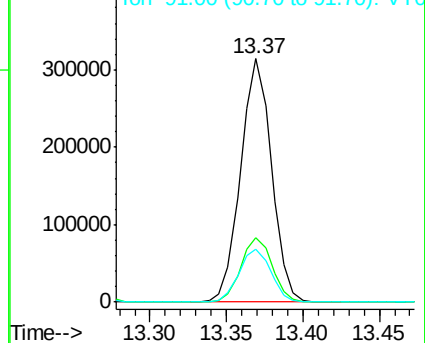
91 22.7 11.2 33.6

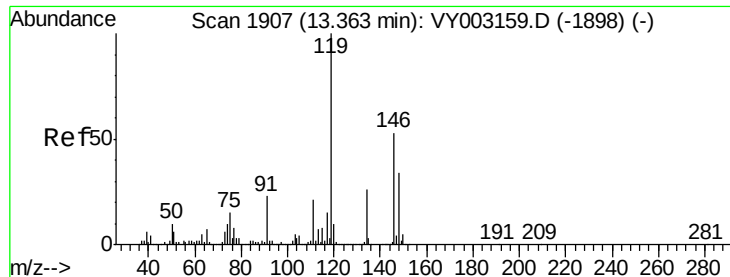


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





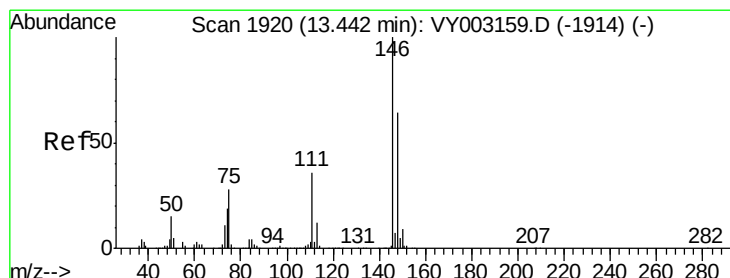
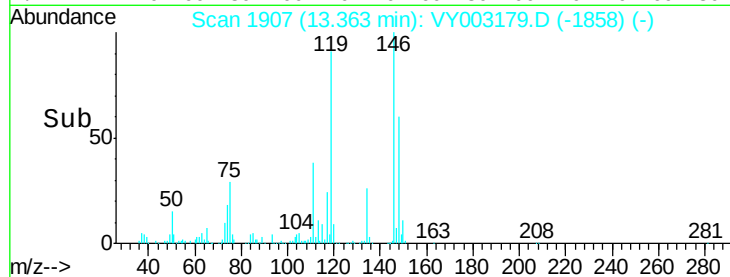
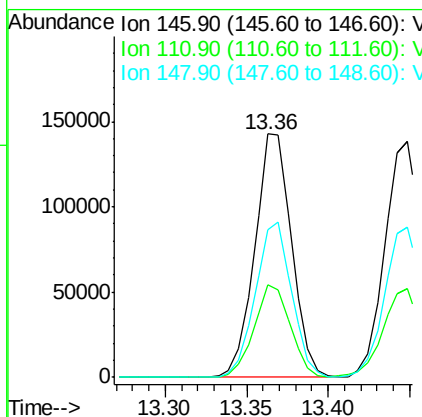
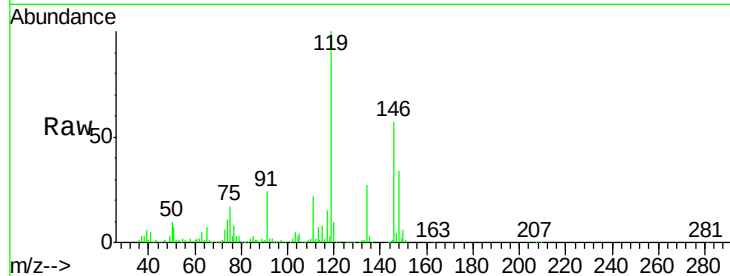
#87
 1,3-Dichlorobenzene
 Concen: 19.810 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	62.8	32.3	96.9

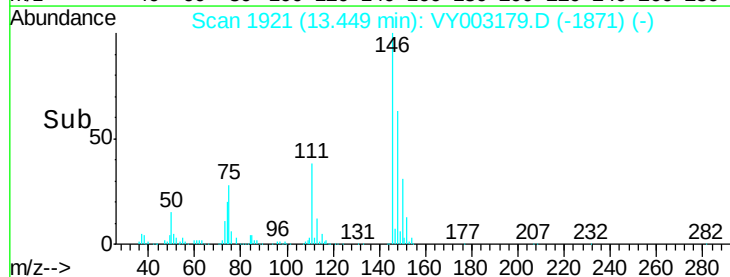
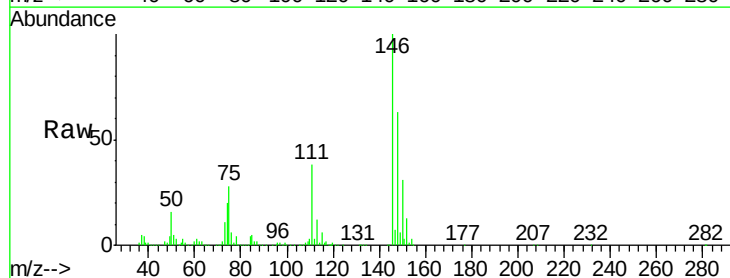
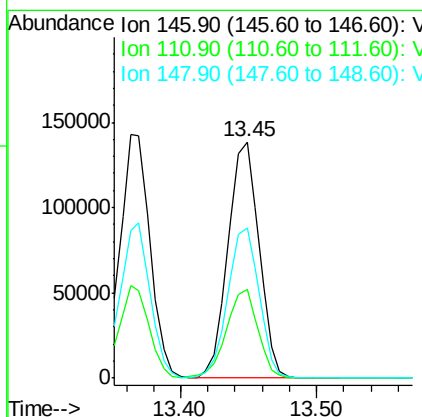
Manual Integrations
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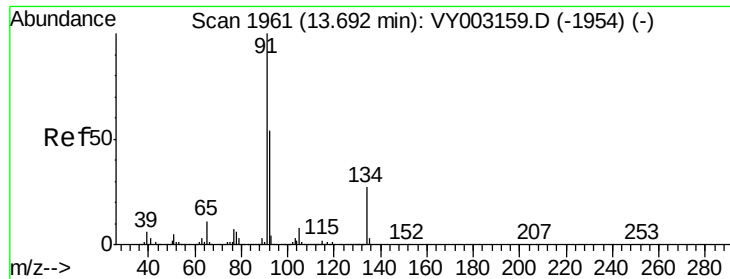
MMDadoda
 7/14/2020 11:37:16 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.635 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.4	55.0
148	64.2	32.0	96.0





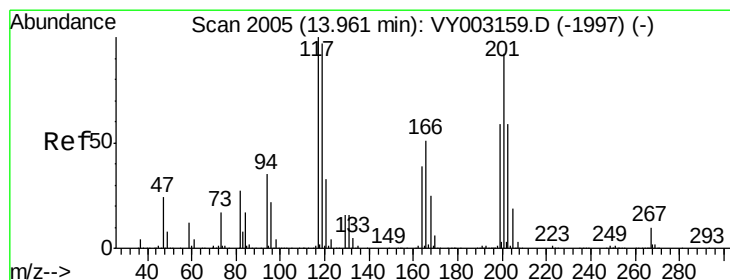
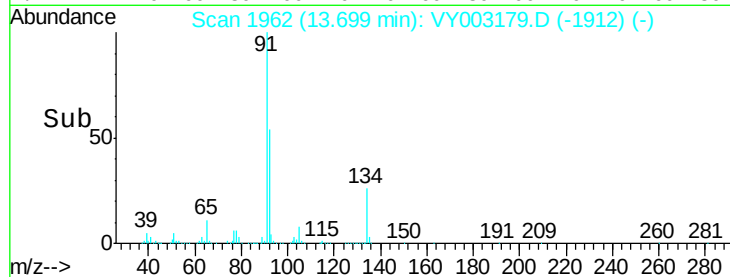
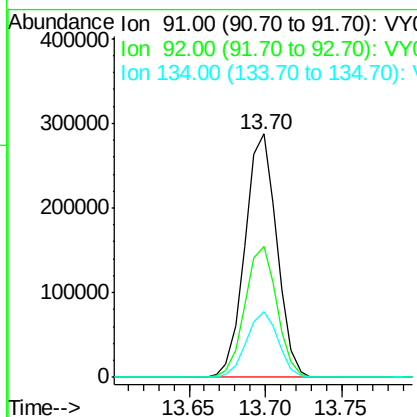
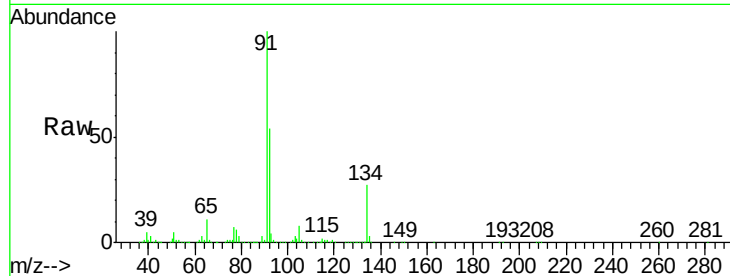
#89
n-Butylbenzene
Concen: 19.928 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.9	26.9	80.7	
134	27.0	13.6	40.7	

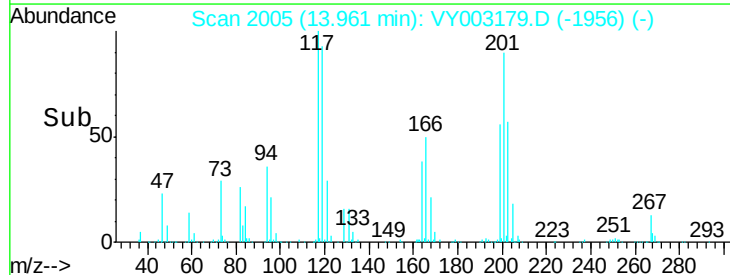
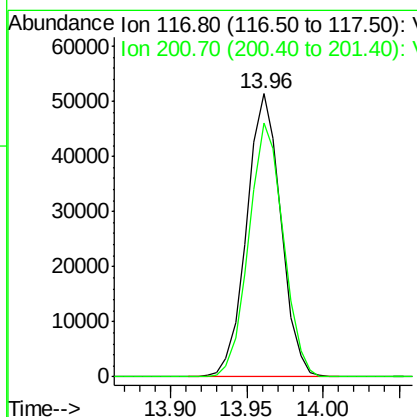
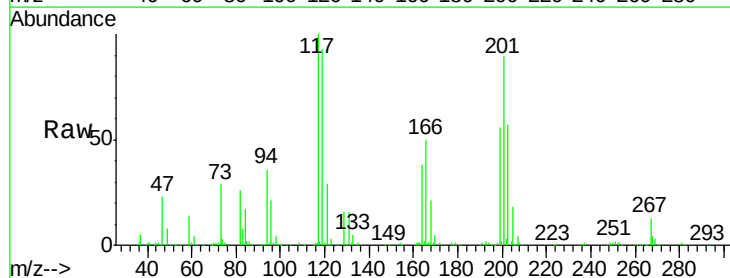
Manual Integrations
APPROVED

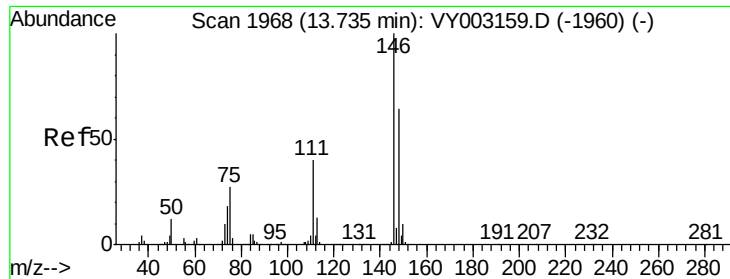
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#90
Hexachloroethane
Concen: 19.769 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	90.4	45.1	135.3	





#91

1,2-Dichlorobenzene

Concen: 19.688 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Instrument :

MSVOA_Y

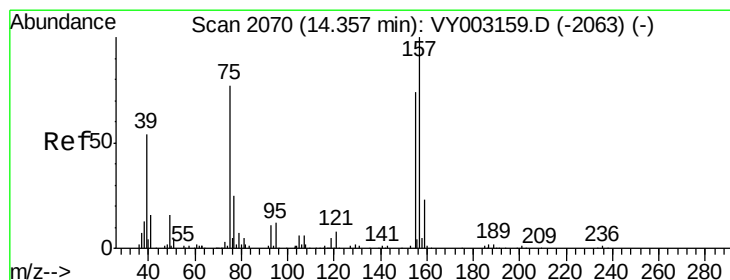
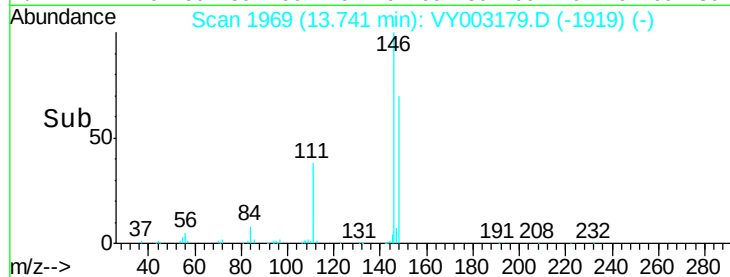
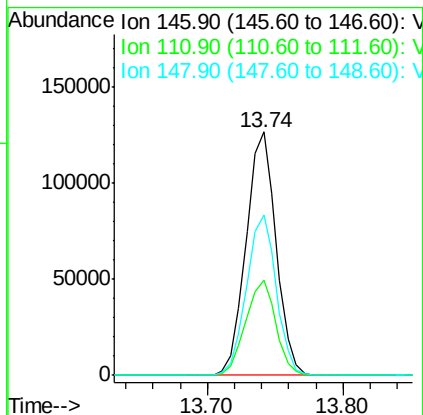
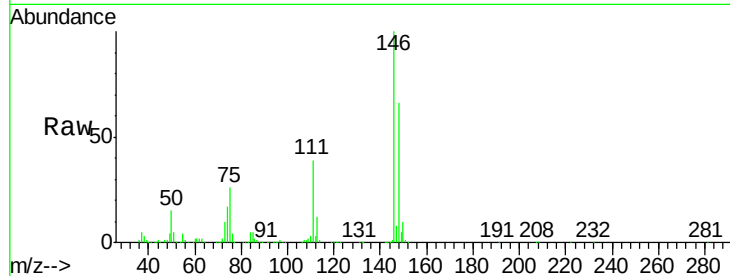
ClientSampleId :

VY0713SBS01

Tot Ion:	146	Resp:	195547
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.6	58.8
148	65.7	32.4	97.0

Manual Integrations
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MMDadoda
7/14/2020 11:37:16 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.548 ug/l

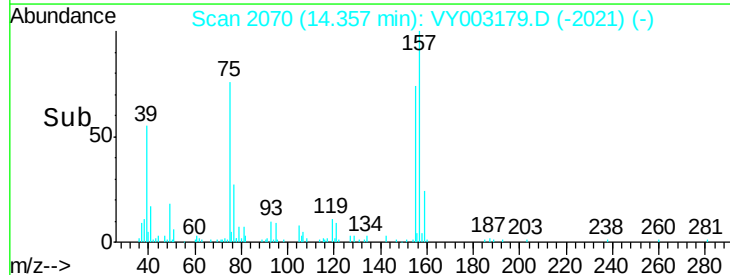
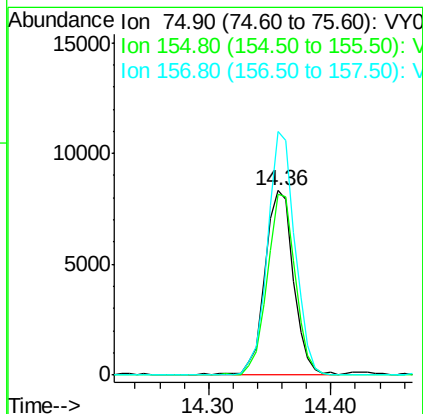
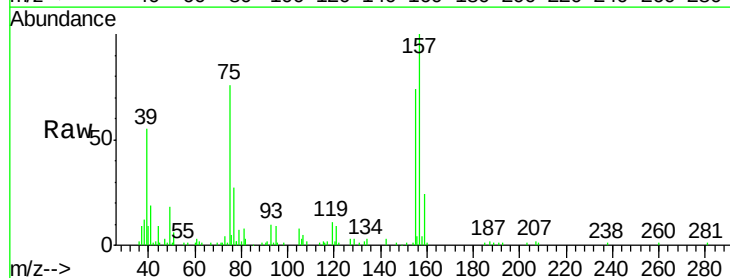
RT: 14.36 min Scan# 2070

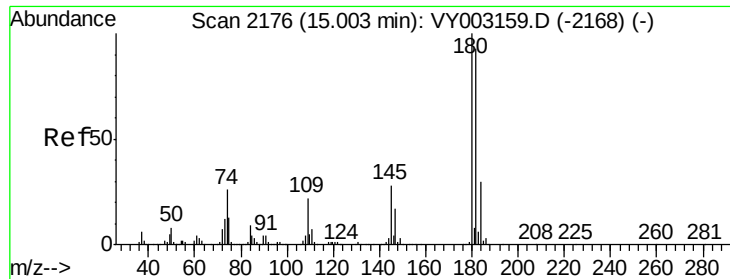
Delta R.T. 0.00 min

Lab File: VY003179.D

Acq: 13 Jul 2020 12:02

Tgt Ion:	75	Resp:	13636
Ion Ratio	Lower	Upper	
75	100		
155	94.7	48.1	144.3
157	125.2	61.9	185.6





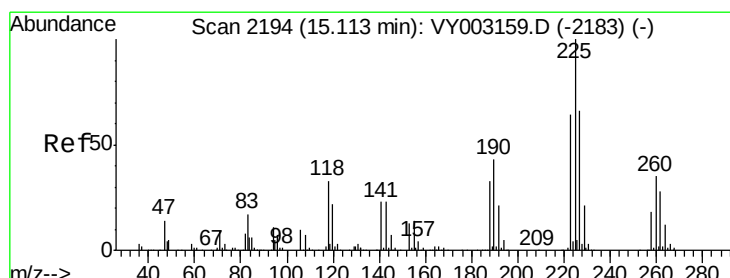
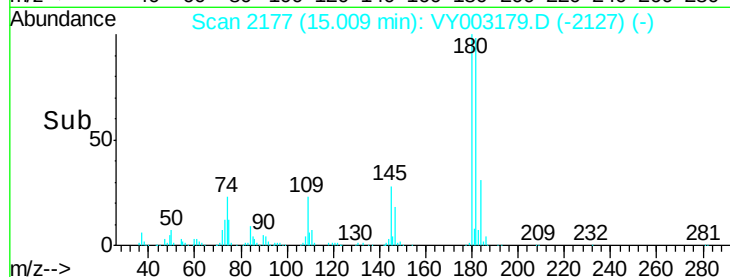
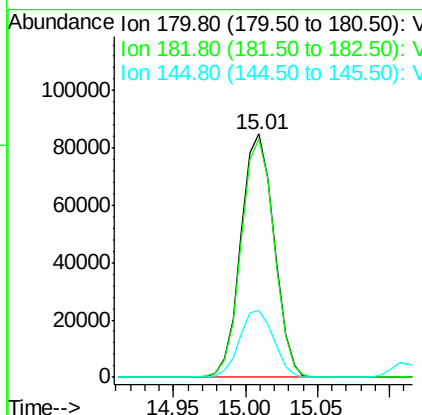
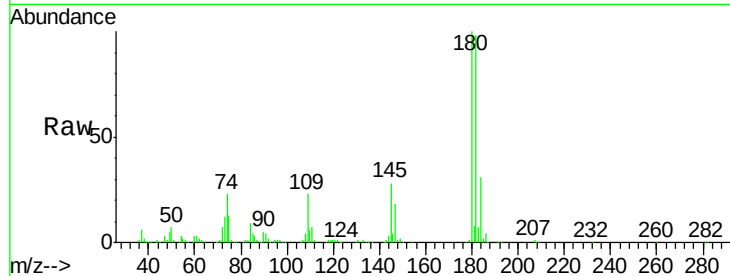
#93
 1,2,4-Trichlorobenzene
 Concen: 19.147 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	135284		
182	97.6	47.3	142.0	
145	28.5	13.7	41.1	

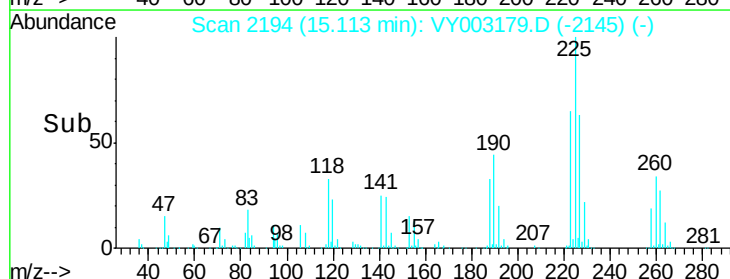
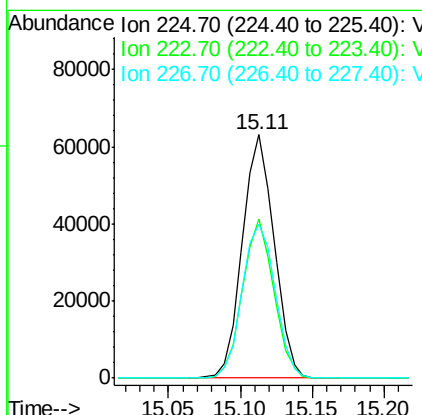
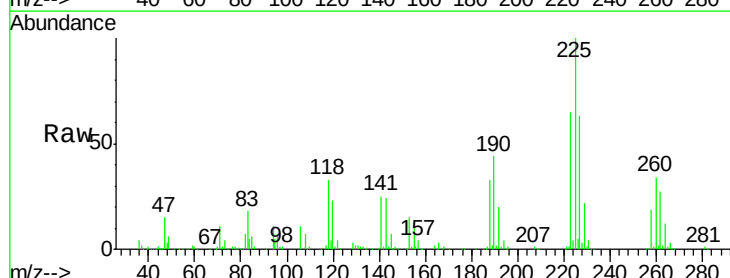
Manual Integrations
 APPROVED

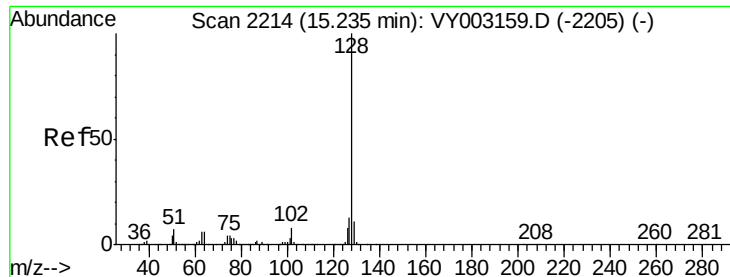
MMDadoda
 7/14/2020 11:37:16 AM



#94
 Hexachlorobutadiene
 Concen: 19.895 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003179.D
 Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	96323		
223	64.1	31.6	94.7	
227	65.9	32.3	96.8	





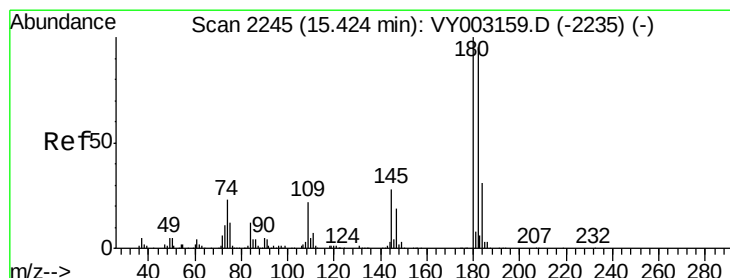
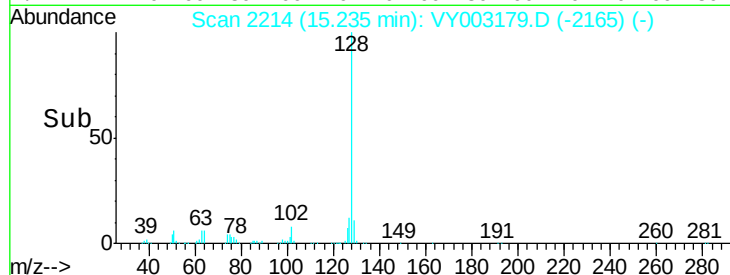
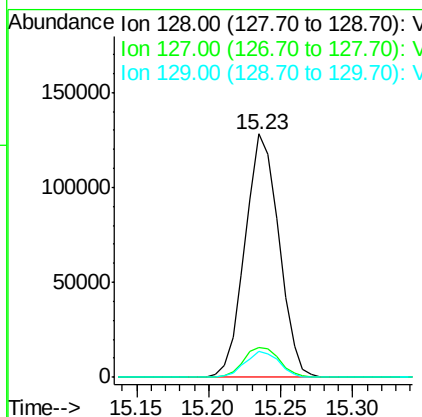
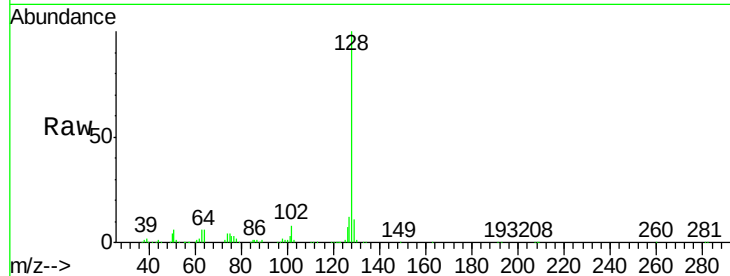
#95
Naphthalene
Concen: 17.864 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	208599		
127	13.2		10.9	16.3
129	10.8		9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/14/2020 11:37:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.410 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003179.D
Acq: 13 Jul 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	102825		
182	92.8		48.8	146.3
145	28.0		14.9	44.5

