

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071320\
 Data File : VY003180.D
 Acq On : 13 Jul 2020 12:25
 Operator : SY/MD
 Sample : VY0713SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:37:18 AM

Quant Time: Jul 14 04:07:11 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	503836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	738802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	675745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	358818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	213864	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.72	113	207636	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	10.18	98	765361	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.48	95	280152	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	85631	23.713	ug/l	97
3) Chloromethane	2.11	50	118497	23.657	ug/l	96
4) Vinyl Chloride	2.26	62	110912	21.581	ug/l	99
5) Bromomethane	2.65	94	85787	22.473	ug/l	99
6) Chloroethane	2.79	64	72917	21.602	ug/l	96
7) Trichlorofluoromethane	3.13	101	160756	21.903	ug/l	100
8) Diethyl Ether	3.54	74	52527	21.358	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	95519	21.549	ug/l	99
10) Methyl Iodide	4.10	142	101598	21.097	ug/l	99
11) Tert butyl alcohol	4.96	59	50820	110.518	ug/l	99
12) 1,1-Dichloroethene	3.87	96	90558	21.600	ug/l	91
13) Acrolein	3.74	56	38928	97.533	ug/l	98
14) Allyl chloride	4.49	41	138906	22.328	ug/l	100
15) Acrylonitrile	5.18	53	127067	107.557	ug/l	98
16) Acetone	3.95	43	105435	110.997	ug/l	98
17) Carbon Disulfide	4.20	76	283155	22.009	ug/l	98
18) Methyl Acetate	4.48	43	57619	21.842	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	253384	21.566	ug/l	99
20) Methylene Chloride	4.72	84	123078	22.758	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	101558	21.416	ug/l	95
22) Diisopropyl ether	6.13	45	304793	22.075	ug/l	98
23) Vinyl Acetate	6.07	43	1003576	109.053	ug/l	99
24) 1,1-Dichloroethane	6.03	63	173503	21.691	ug/l	98
25) 2-Butanone	7.00	43	169840	108.897	ug/l	99
26) 2,2-Dichloropropane	6.99	77	158633	22.021	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	113617	21.761	ug/l	99
28) Bromochloromethane	7.34	49	77107	22.265	ug/l	97
29) Tetrahydrofuran	7.36	42	112223	107.110	ug/l	99
30) Chloroform	7.52	83	177564	21.553	ug/l	97
31) Cyclohexane	7.79	56	165260	21.365	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	161948	21.835	ug/l	98
36) 1,1-Dichloropropene	7.92	75	142099	21.222	ug/l	99
37) Ethyl Acetate	7.08	43	79042	21.920	ug/l	99
38) Carbon Tetrachloride	7.91	117	145213	21.007	ug/l	94

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 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)
39) Methylcyclohexane	9.19	83	174756	20.776	ug/l	96
40) Benzene	8.16	78	394906	21.419	ug/l	97
41) Methacrylonitrile	7.33	41	46035m	21.197	ug/l	
42) 1,2-Dichloroethane	8.24	62	120479	21.226	ug/l	100
43) Isopropyl Acetate	8.28	43	144548	20.709	ug/l	98
44) Trichloroethene	8.94	130	118194	20.912	ug/l	95
45) 1,2-Dichloropropane	9.22	63	103775	21.753	ug/l	100
46) Dibromomethane	9.31	93	58841	21.117	ug/l	100
47) Bromodichloromethane	9.50	83	140125	21.144	ug/l	98
48) Methyl methacrylate	9.30	41	64744	20.749	ug/l	98
49) 1,4-Dioxane	9.30	88	15508	438.523	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	386164	106.442	ug/l	99
52) Toluene	10.24	92	248446	21.082	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	145800	21.235	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	167014	21.111	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	82216	20.822	ug/l	98
56) Ethyl methacrylate	10.51	69	114358	21.303	ug/l	99
57) 1,3-Dichloropropane	10.79	76	143386	21.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	282577	103.217	ug/l	99
59) 2-Hexanone	10.83	43	266436	105.204	ug/l	100
60) Dibromochloromethane	10.99	129	103954	20.932	ug/l	99
61) 1,2-Dibromoethane	11.09	107	81337	20.872	ug/l	99
64) Tetrachloroethene	10.72	164	124154	20.606	ug/l	95
65) Chlorobenzene	11.52	112	274244	21.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	106021	20.969	ug/l	100
67) Ethyl Benzene	11.59	91	492861	21.204	ug/l	99
68) m/p-Xylenes	11.70	106	369895	41.942	ug/l	99
69) o-Xylene	12.03	106	175635	21.317	ug/l	100
70) Styrene	12.04	104	298654	21.190	ug/l	99
71) Bromoform	12.20	173	69644	20.987	ug/l	# 100
73) Isopropylbenzene	12.33	105	482203	21.088	ug/l	100
74) N-amyl acetate	12.14	43	135813	21.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	92994	21.057	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	66382m	20.900	ug/l	
77) Bromobenzene	12.61	156	124098	21.291	ug/l	98
78) n-propylbenzene	12.67	91	575951	21.368	ug/l	100
79) 2-Chlorotoluene	12.75	91	320022	21.280	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	408268	21.422	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	35006	21.450	ug/l	96
82) 4-Chlorotoluene	12.85	91	336051	21.409	ug/l	100
83) tert-Butylbenzene	13.08	119	358510	21.319	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	408883	21.323	ug/l	99
85) sec-Butylbenzene	13.25	105	497035	21.505	ug/l	99
86) p-Isopropyltoluene	13.37	119	451651	20.929	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	228707	20.749	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	232981	21.350	ug/l	99
89) n-Butylbenzene	13.70	91	435520	21.455	ug/l	99
90) Hexachloroethane	13.96	117	83344	21.207	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	208901	21.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14360	20.056	ug/l	99

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ClientSampleId :
VY0713SBSD01

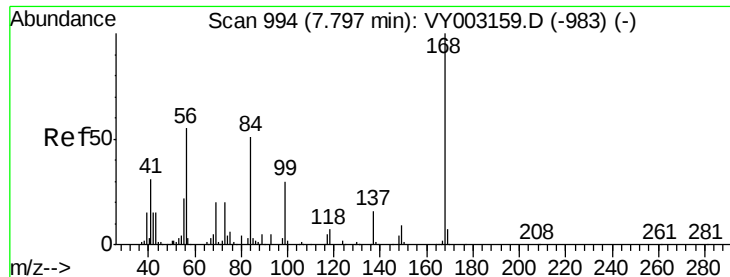
Manual Integrations
APPROVED

MMDadoda
7/14/2020 11:37:18 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	147008	21.363	ug/l	98
94) Hexachlorobutadiene	15.11	225	102156	21.665	ug/l	98
95) Naphthalene	15.23	128	233174	20.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	112341	20.652	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion:168 Resp: 503836

Ion Ratio Lower Upper

168 100

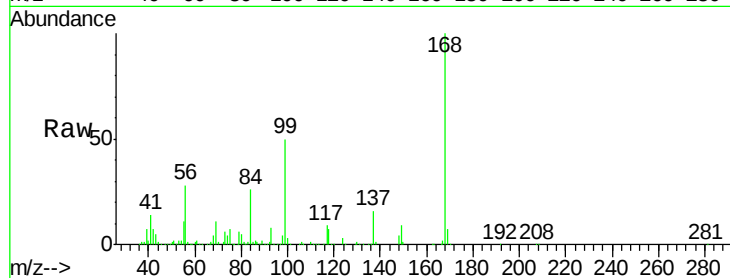
99 50.2 37.3 55.9

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

7.80

250000

200000

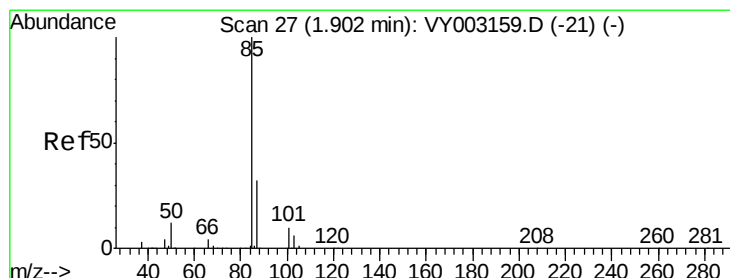
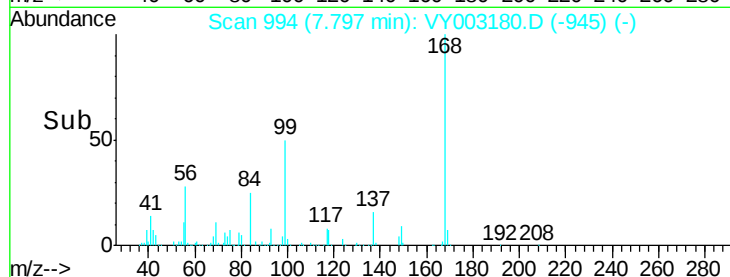
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.713 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003180.D

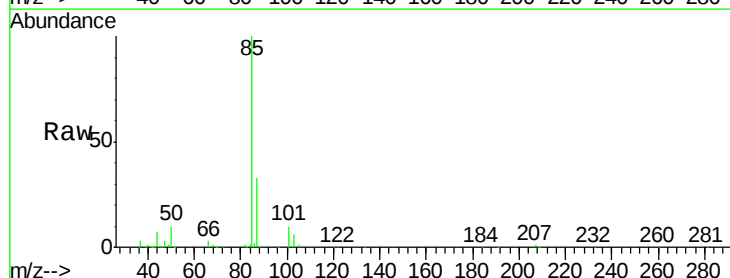
Acq: 13 Jul 2020 12:25

Tgt Ion: 85 Resp: 85631

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

60000

50000

40000

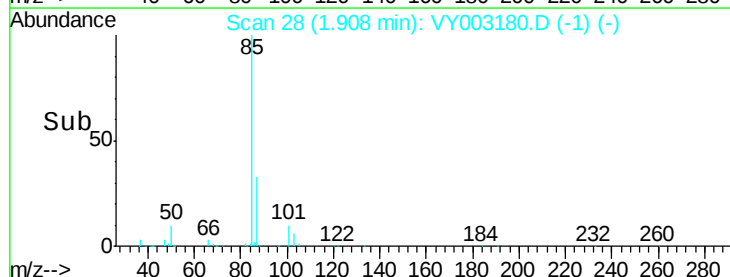
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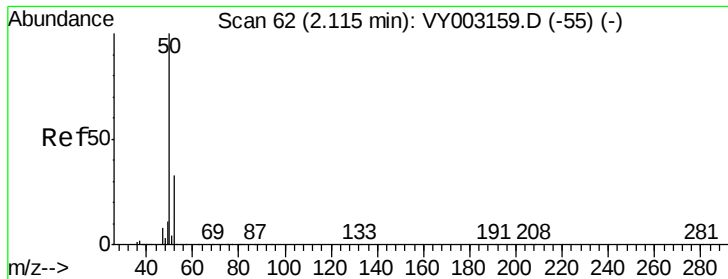
20000

10000

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Time-->





#3

Chloromethane

Concen: 23.657 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 50 Resp: 118497

Ion Ratio Lower Upper

50 100

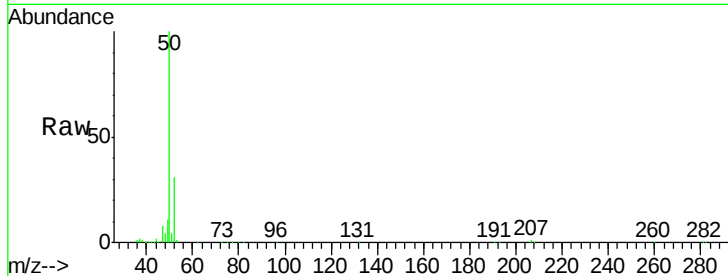
52 31.1 26.6 39.8

Manual Integrations

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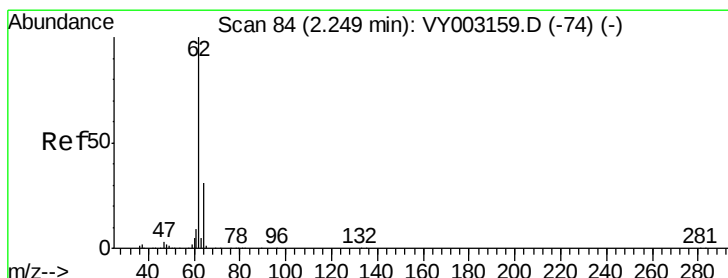
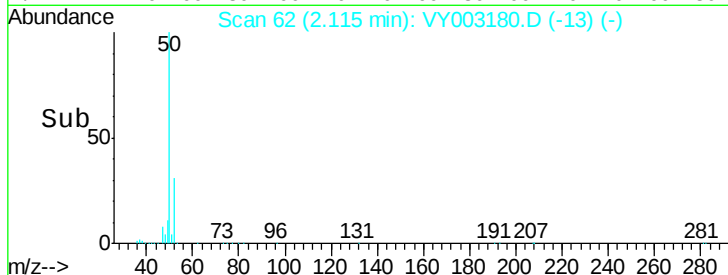
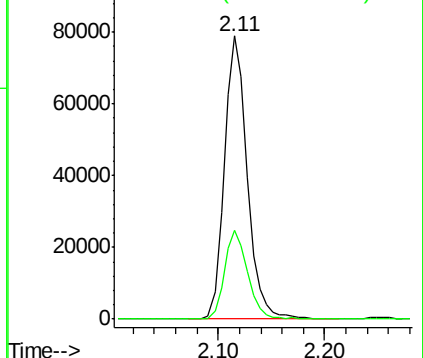
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.581 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003180.D

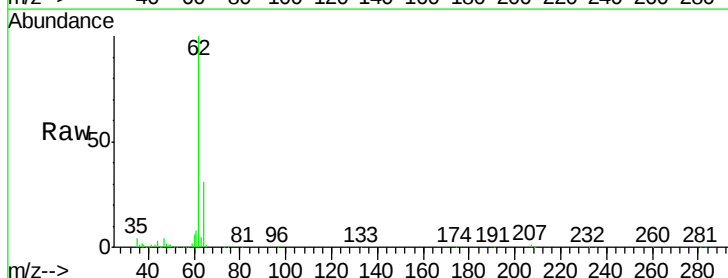
Acq: 13 Jul 2020 12:25

Tgt Ion: 62 Resp: 110912

Ion Ratio Lower Upper

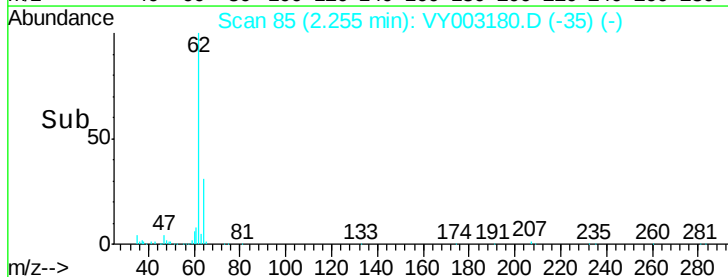
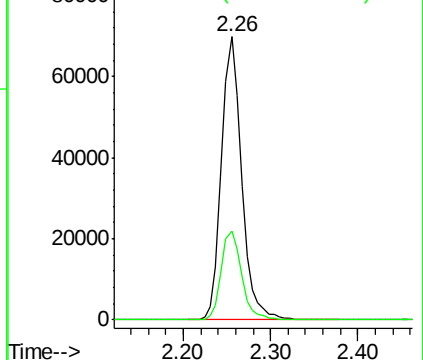
62 100

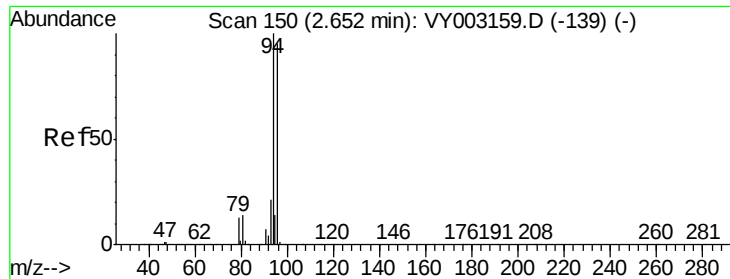
64 31.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.473 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 94 Resp: 85787

Ion Ratio Lower Upper

94 100

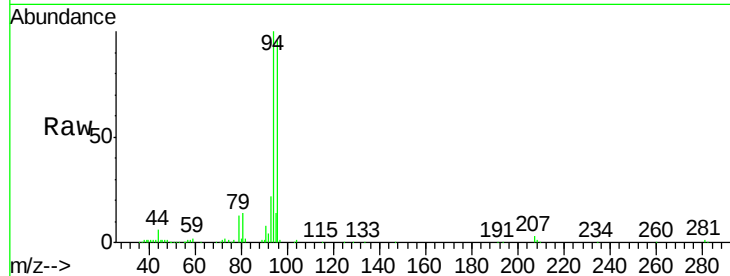
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Manual Integrations

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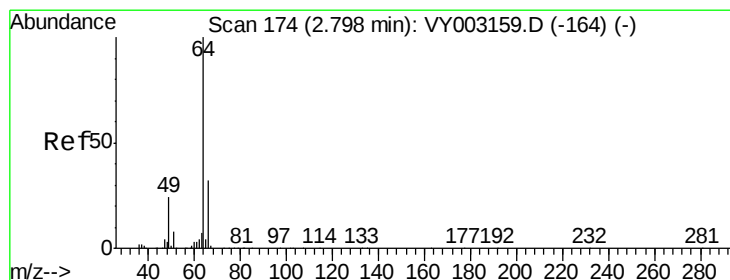
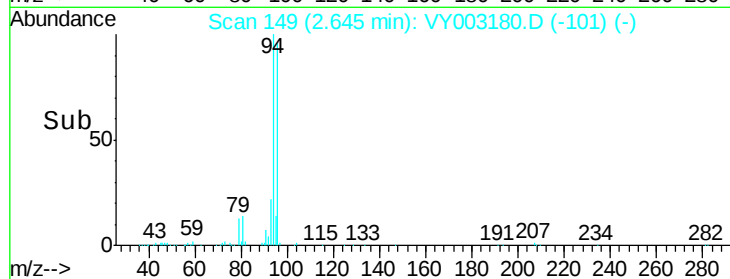
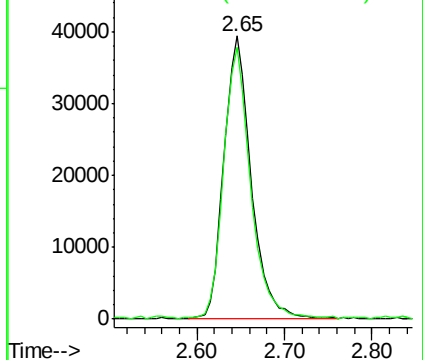
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.602 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003180.D

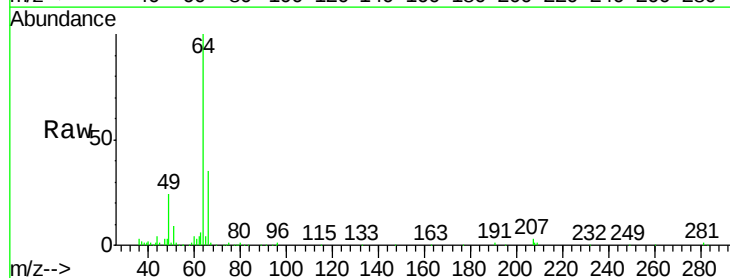
Acq: 13 Jul 2020 12:25

Tgt Ion: 64 Resp: 72917

Ion Ratio Lower Upper

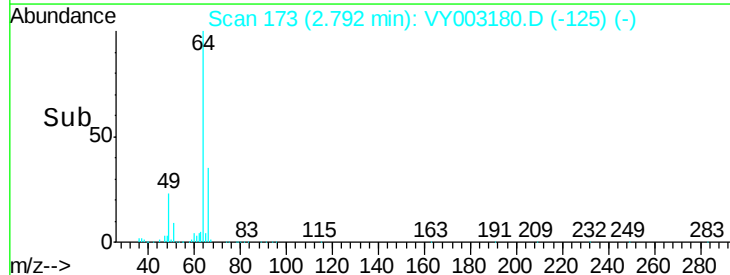
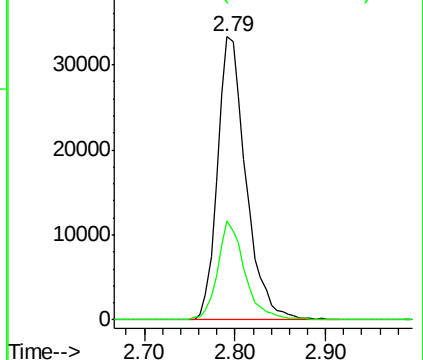
64 100

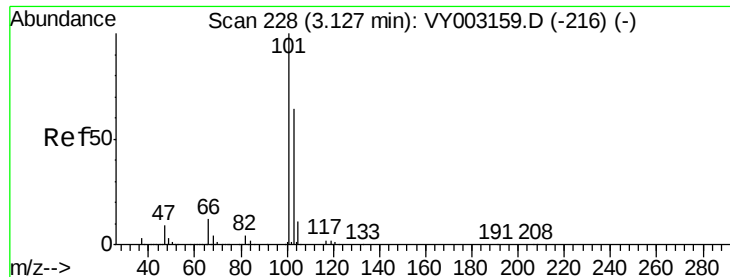
66 34.9 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

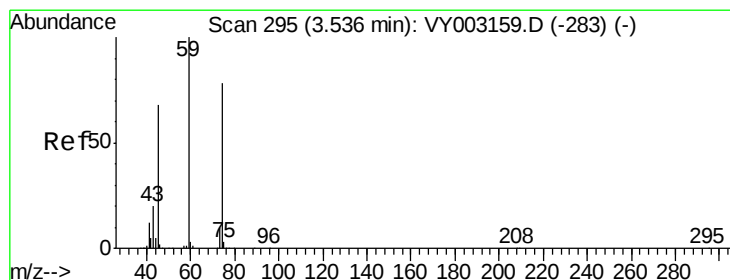
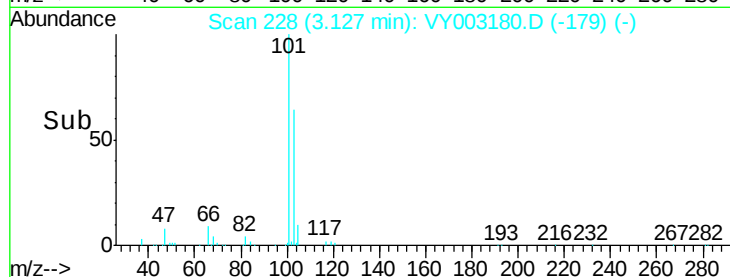
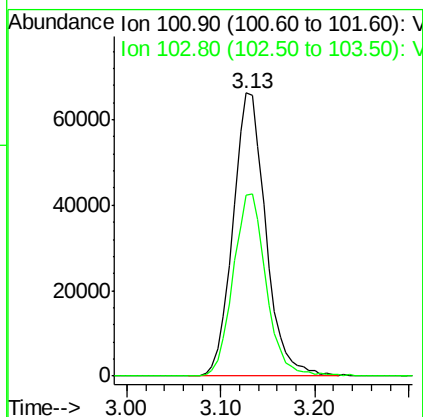
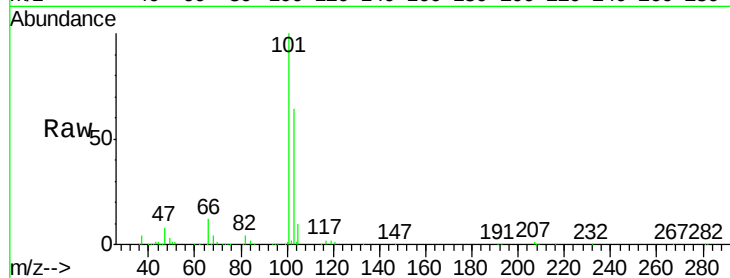
Trichlorofluoromethane
Concen: 21.903 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
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ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.3	76.9

Manual Integrations
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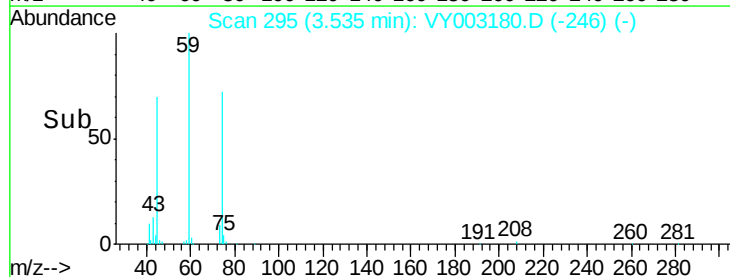
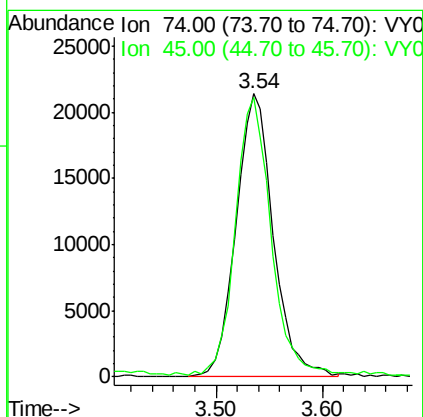
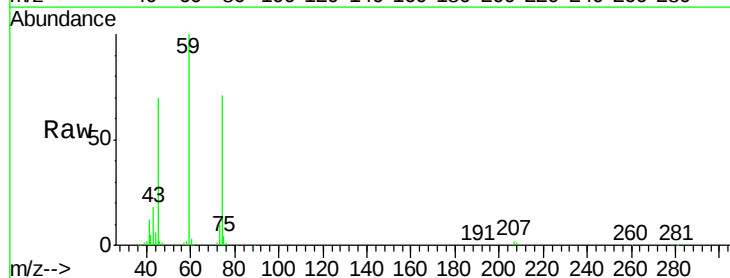
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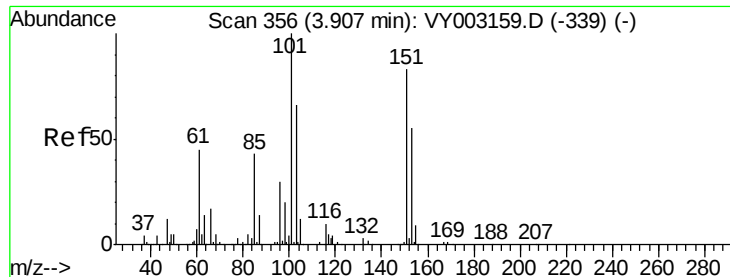


#8

Diethyl Ether
Concen: 21.358 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.549 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

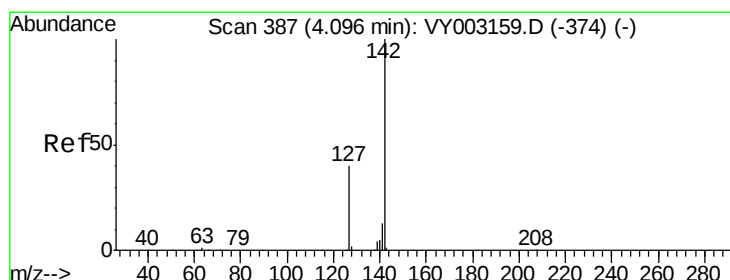
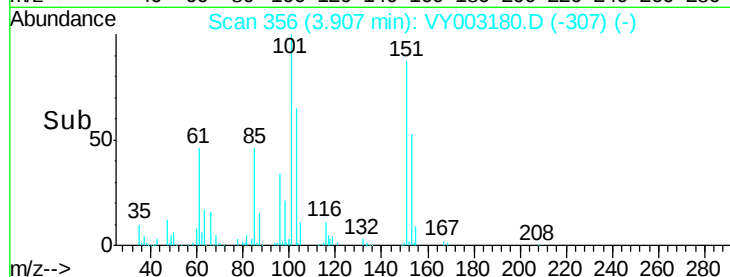
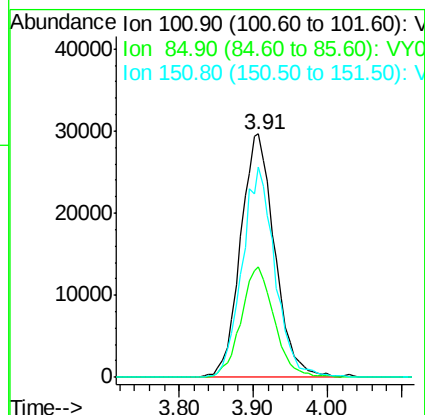
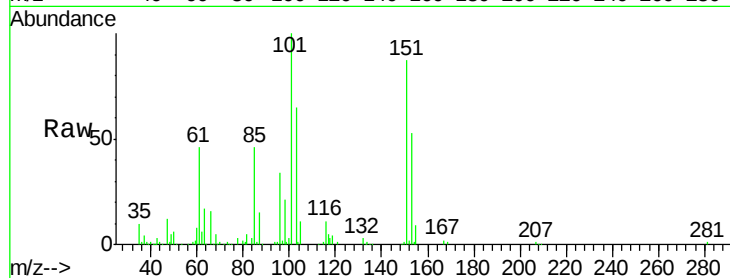
ClientSampleId :

VY0713SBS01

Tot Ion:	101	Resp:	95519
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.9	52.3
151	83.0	67.0	100.6

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#10

Methyl Iodide

Concen: 21.097 ug/l

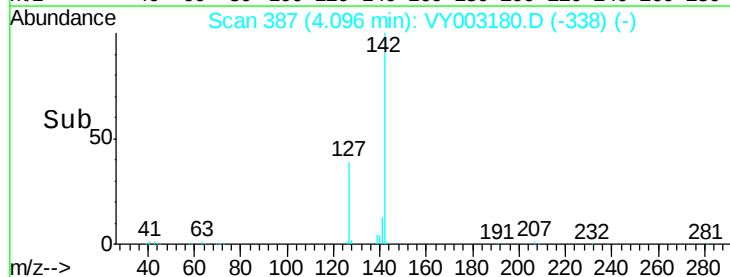
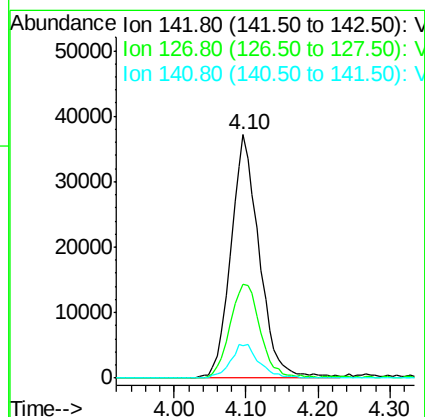
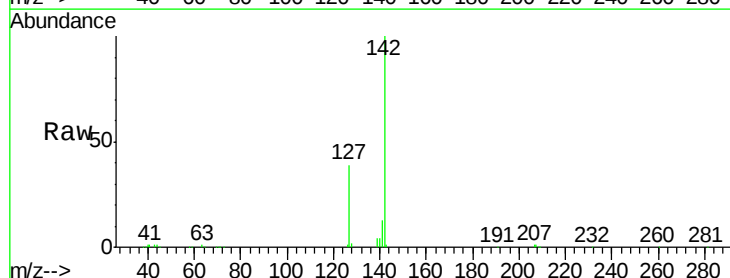
RT: 4.10 min Scan# 387

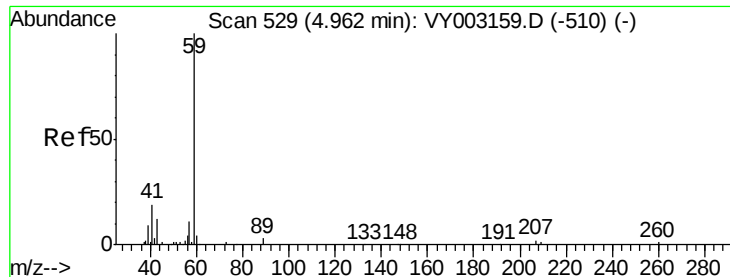
Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Tgt Ion:	142	Resp:	101598
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.5	50.3
141	14.2	11.2	16.8





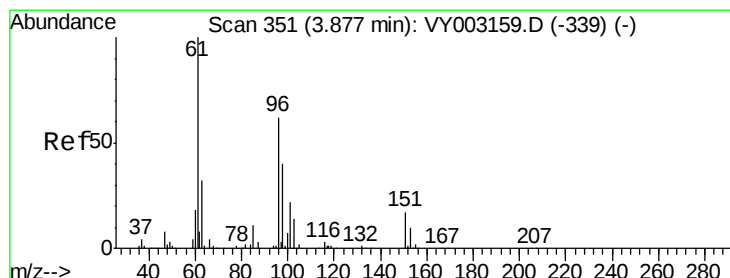
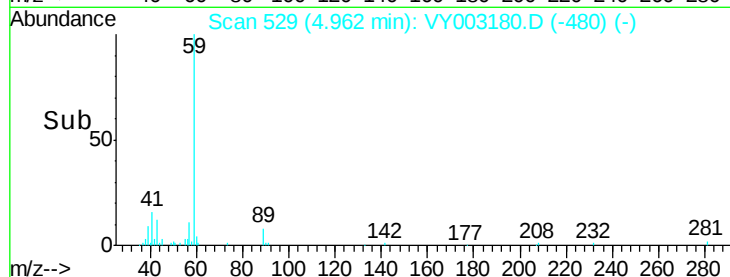
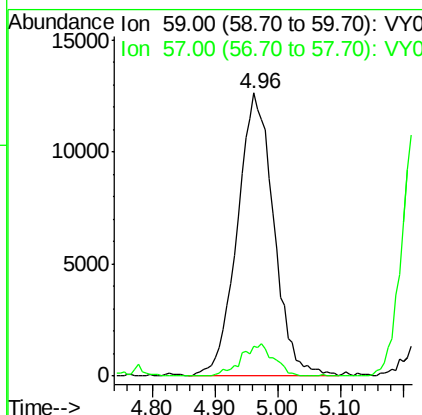
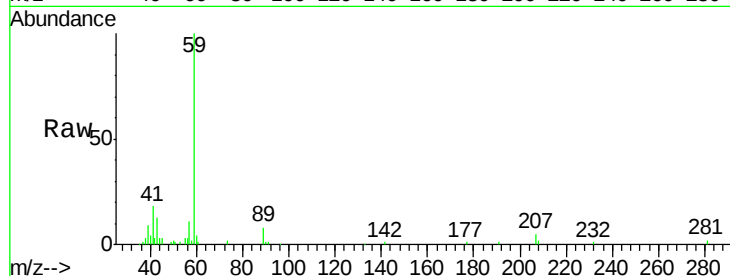
#11
Tert butyl alcohol
Concen: 110.518 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

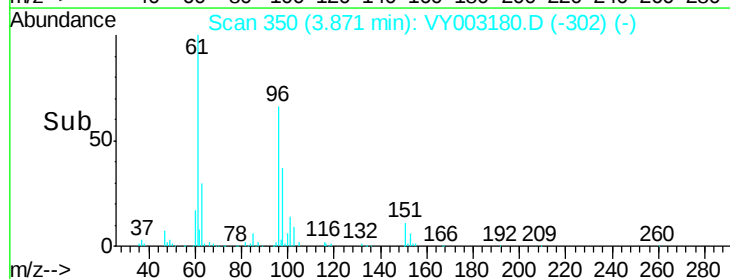
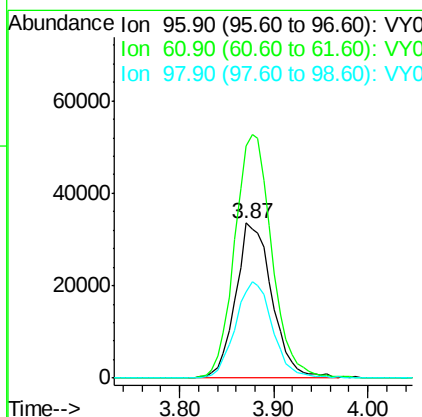
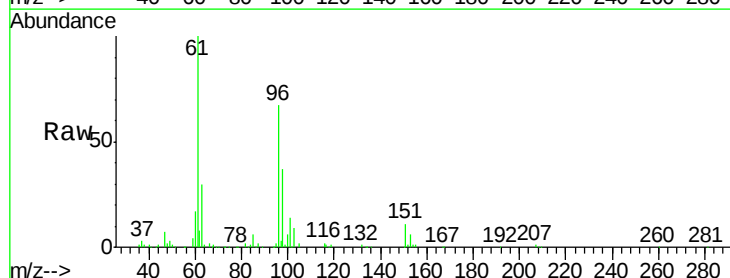
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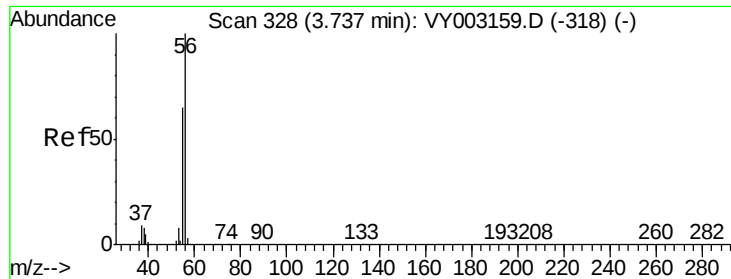
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.600 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.9	128.6	193.0
98	56.1	51.6	77.4





#13

Acrolein

Concen: 97.533 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 56 Resp: 38928

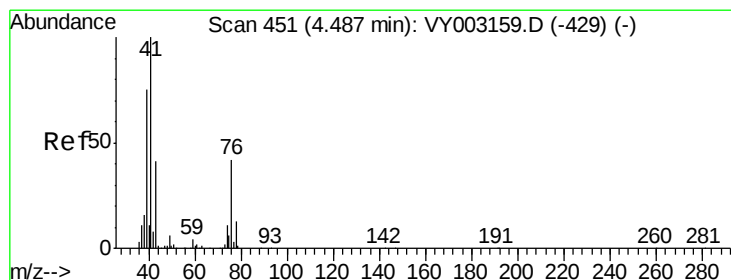
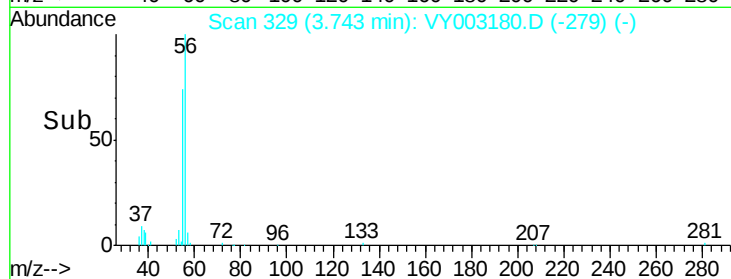
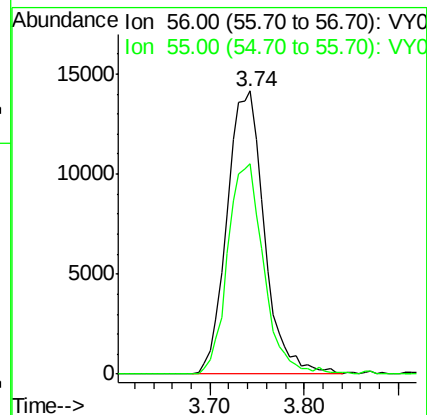
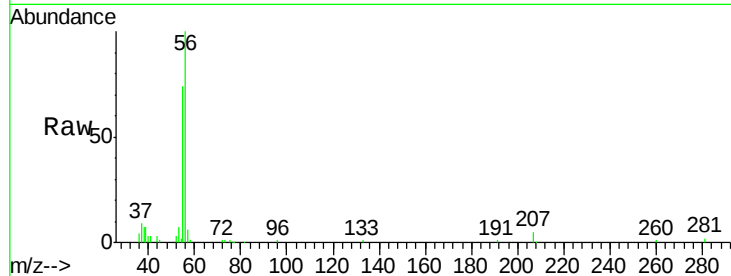
Ion Ratio Lower Upper

56 100

55 71.9 56.0 84.0

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#14

Allyl chloride

Concen: 22.328 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

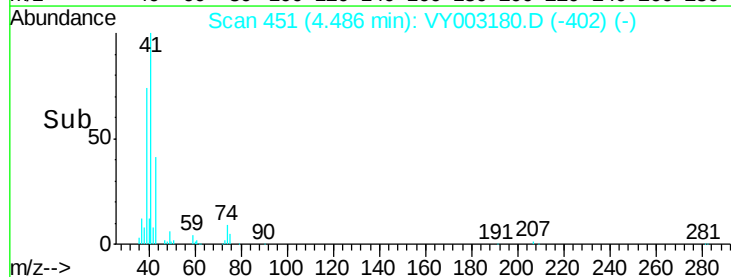
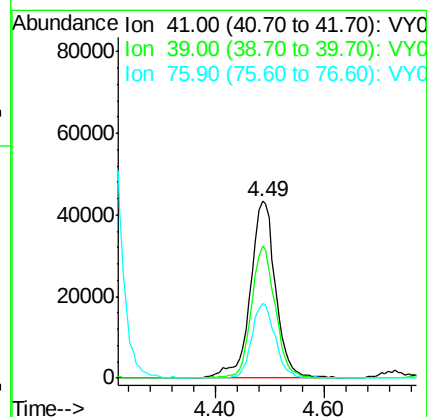
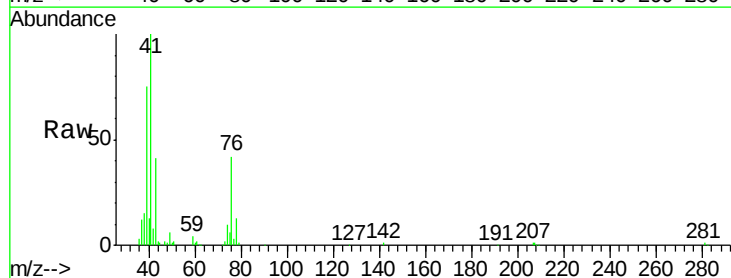
Tgt Ion: 41 Resp: 138906

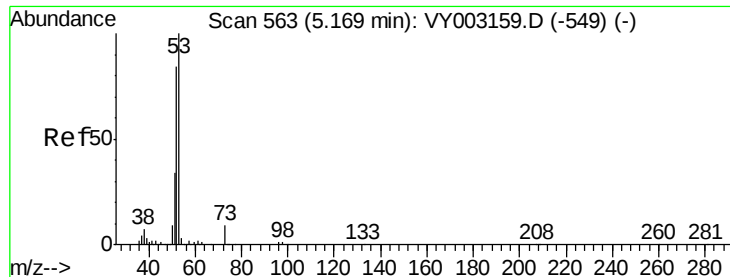
Ion Ratio Lower Upper

41 100

39 70.5 56.6 85.0

76 39.4 31.6 47.4





#15

Acrylonitrile

Concen: 107.557 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

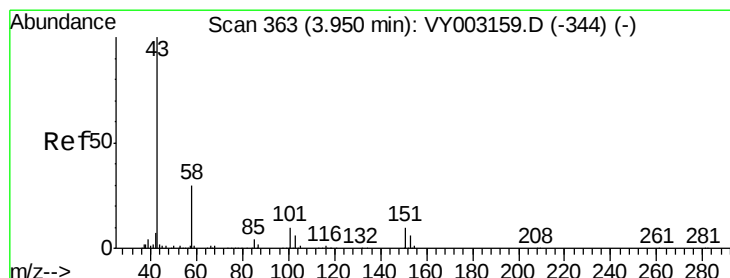
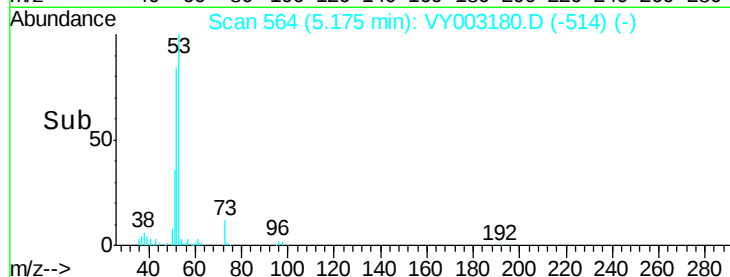
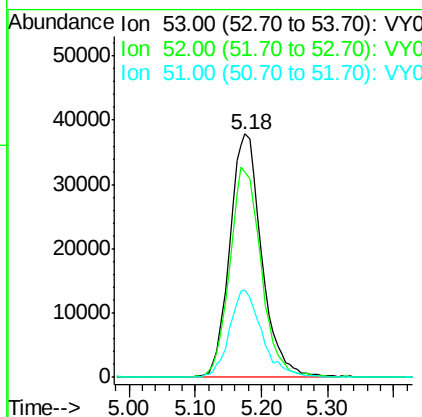
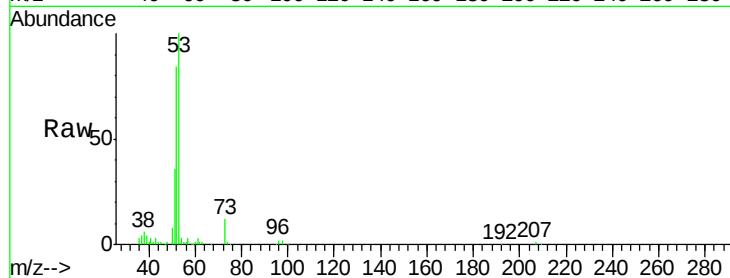
ClientSampleId :

VY0713SBS01

Tot Ion	53	Resp	127067
Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.8	98.6
51	36.6	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 110.997 ug/l

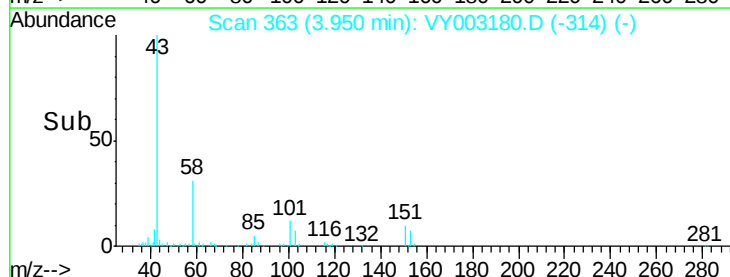
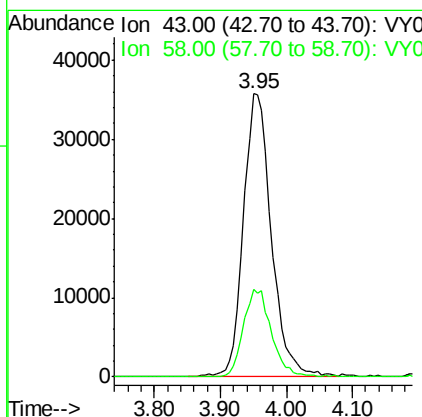
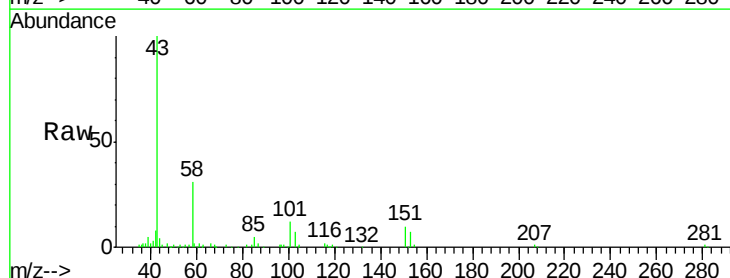
RT: 3.95 min Scan# 363

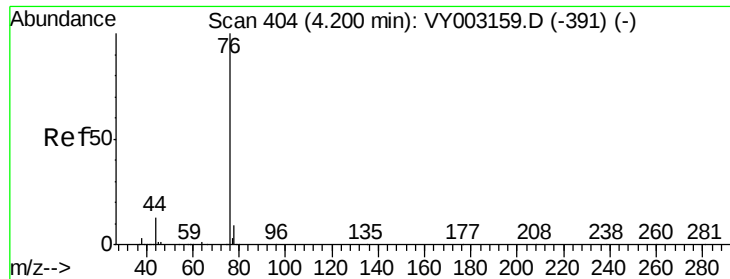
Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Tgt Ion	43	Resp	105435
Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.8	35.6





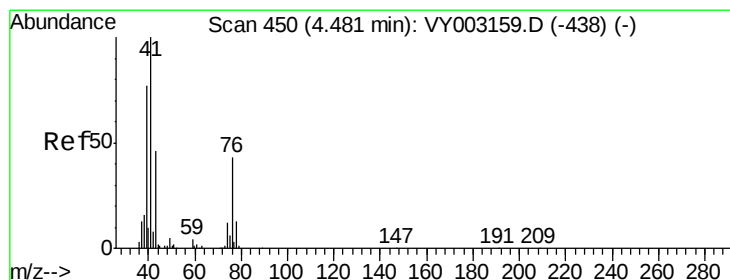
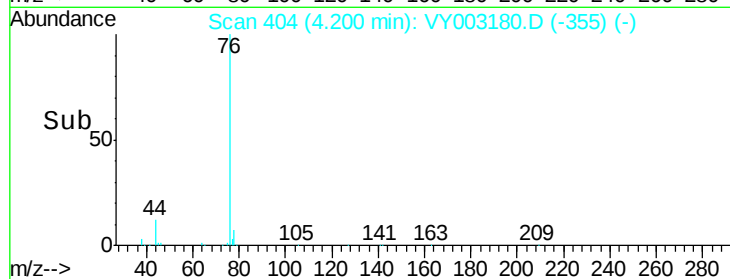
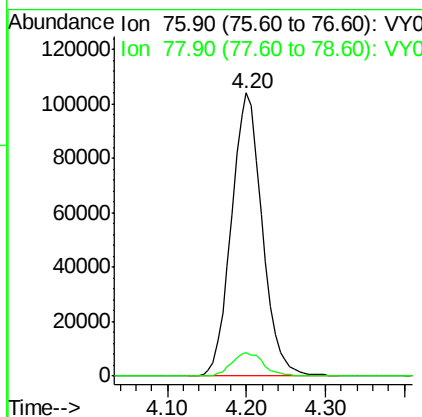
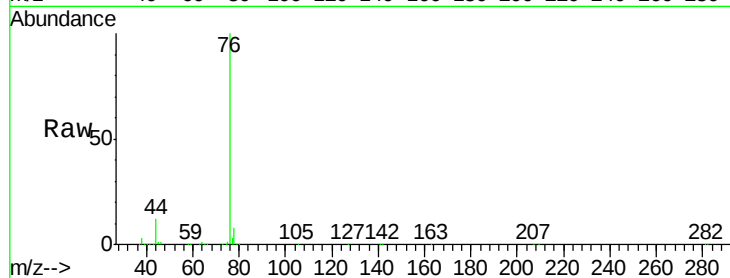
#17
Carbon Disulfide
Concen: 22.009 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.3	10.9

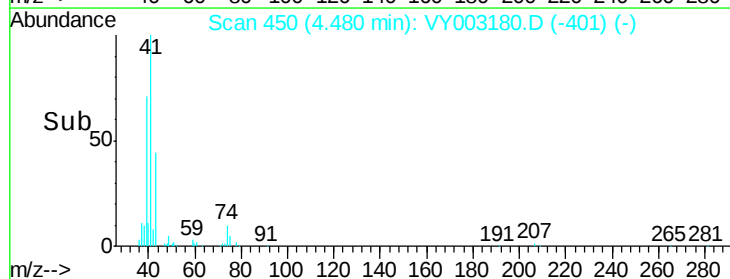
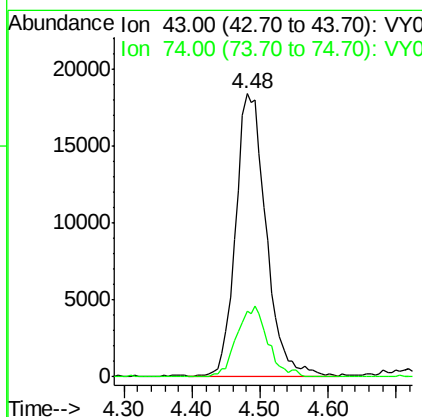
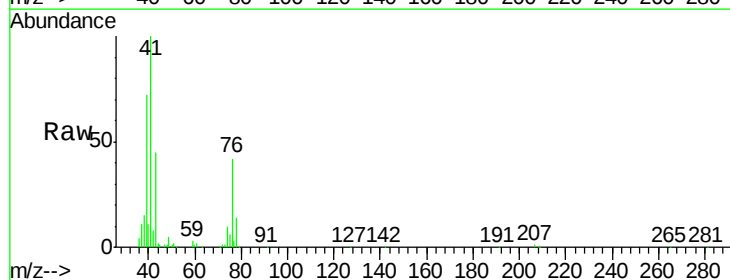
Manual Integrations
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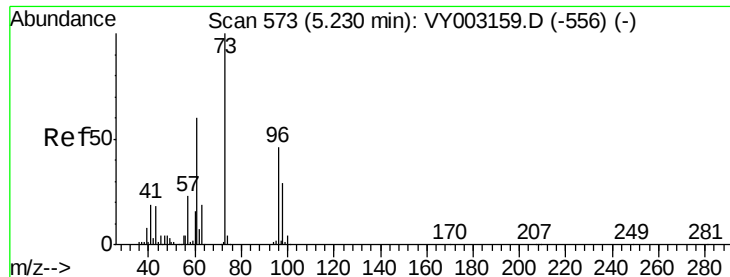
MMDadoda
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#18
Methyl Acetate
Concen: 21.842 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.8	31.2





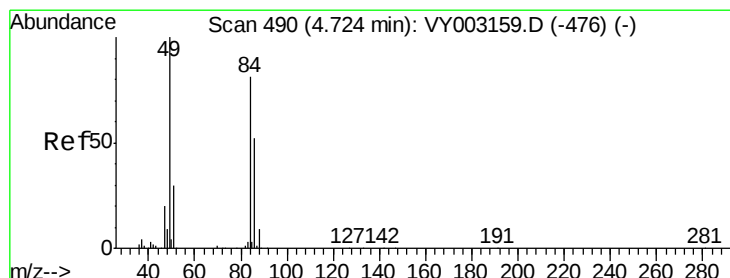
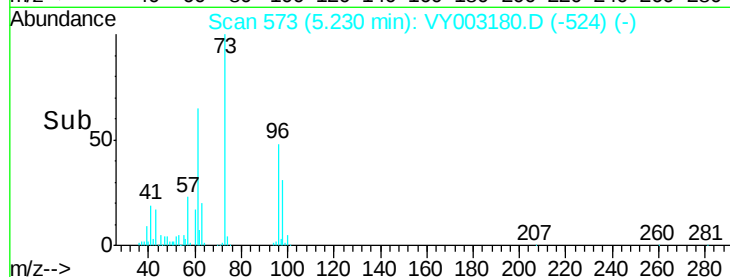
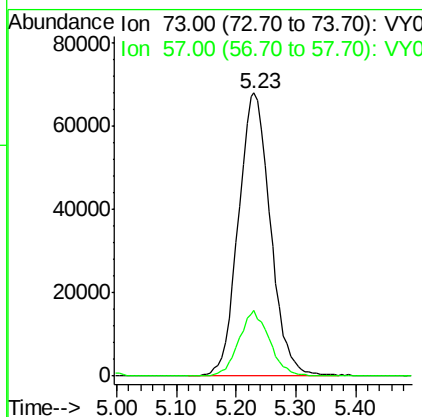
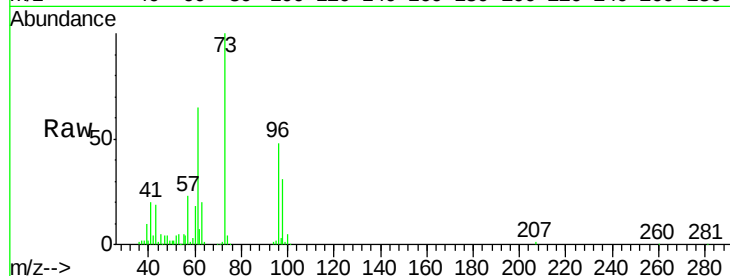
#19
Methvl tert-butvl Ether
Concen: 21.566 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion: 73 Resp: 253384
Ion Ratio Lower Upper
73 100
57 23.2 18.1 27.1

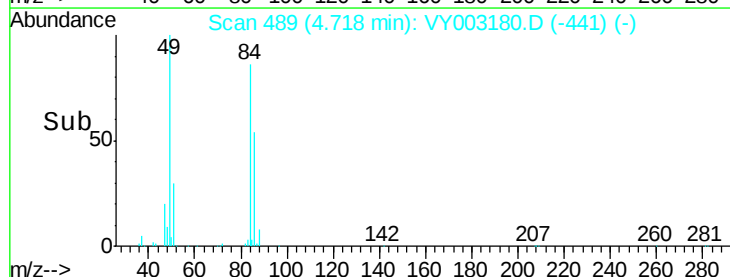
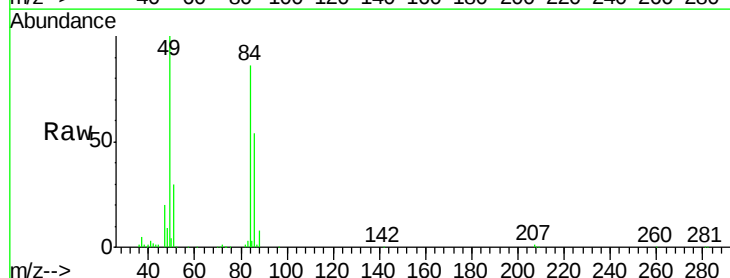
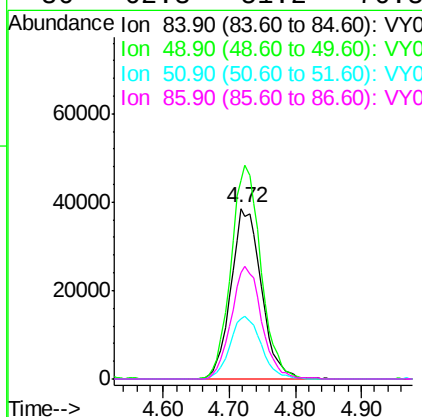
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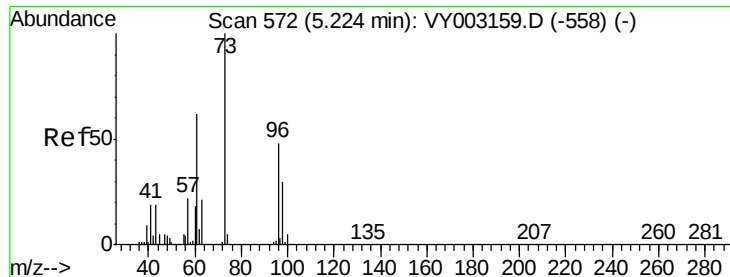
MMDadoda
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#20
Methylene Chloride
Concen: 22.758 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion: 84 Resp: 123078
Ion Ratio Lower Upper
84 100
49 115.9 98.2 147.4
51 35.1 29.8 44.6
86 62.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.416 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

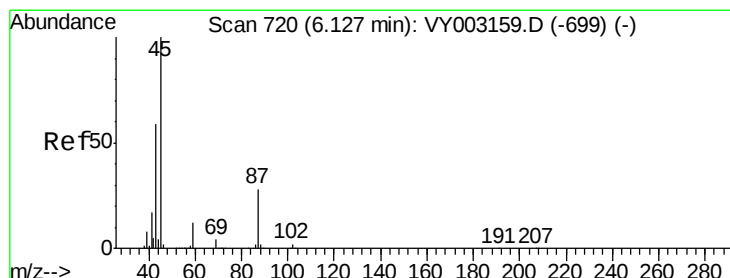
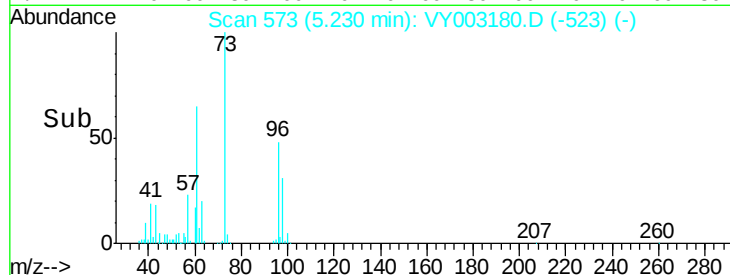
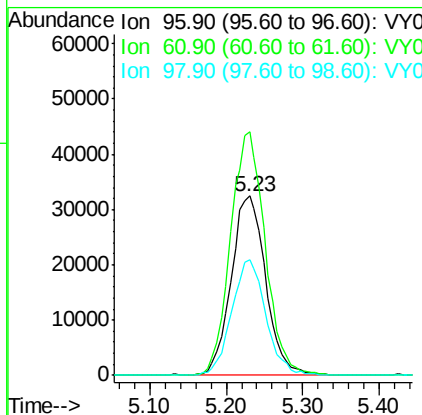
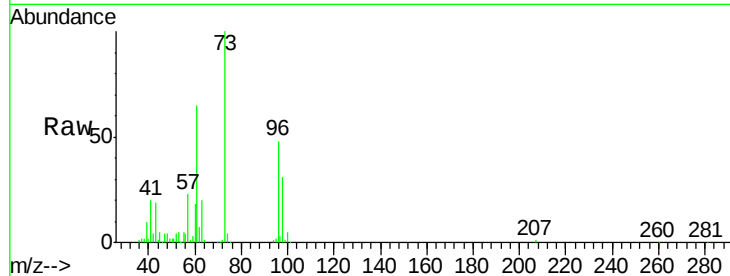
ClientSampleId :

VY0713SBS01

Tot Ion:	96	Resp:	101558
Ion	Ratio	Lower	Upper
96	100		
61	136.0	102.5	153.7
98	64.4	49.8	74.8

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#22

Diisopropyl ether

Concen: 22.075 ug/l

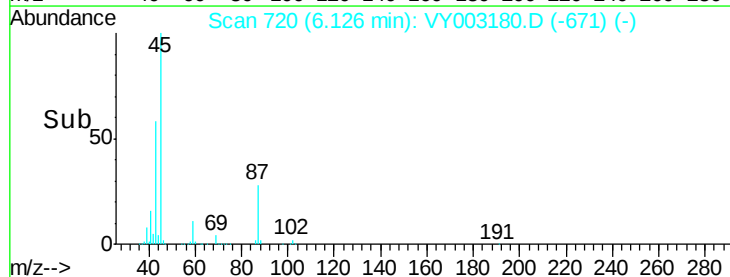
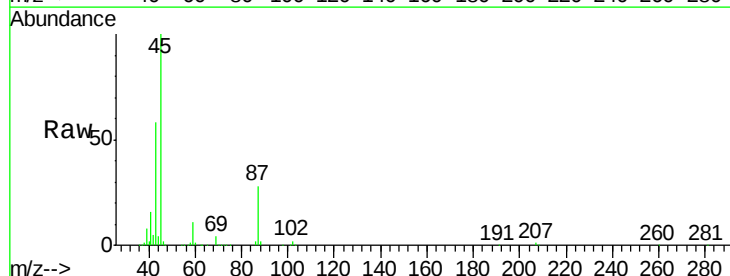
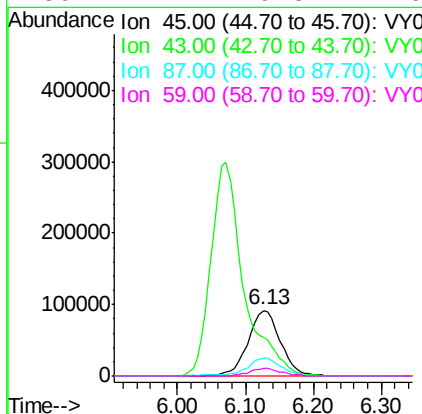
RT: 6.13 min Scan# 720

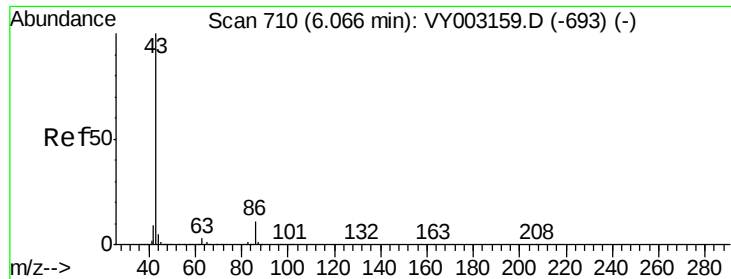
Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Tgt Ion:	45	Resp:	304793
Ion	Ratio	Lower	Upper
45	100		
43	57.0	47.0	70.4
87	27.9	22.6	33.8
59	11.4	9.8	14.6





#23

Vinyl Acetate

Concen: 109.053 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 43 Resp: 1003576

Ion Ratio Lower Upper

43 100

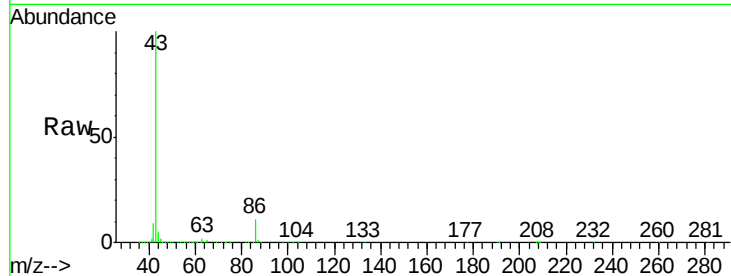
86 11.5 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

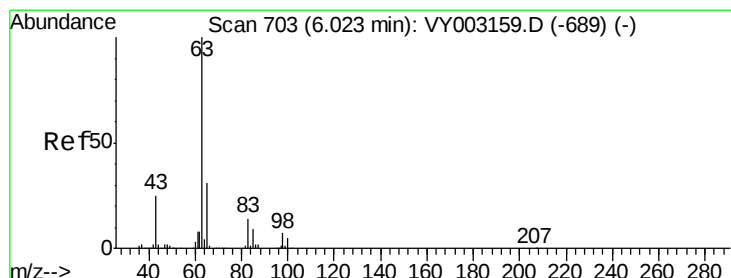
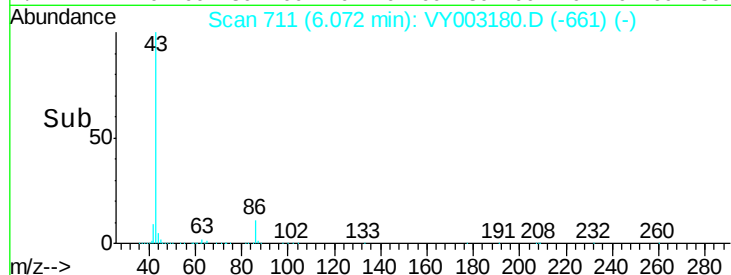
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.691 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

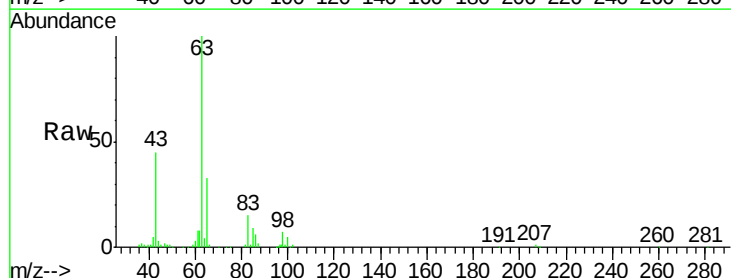
Tgt Ion: 63 Resp: 173503

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 5.1 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

6.03

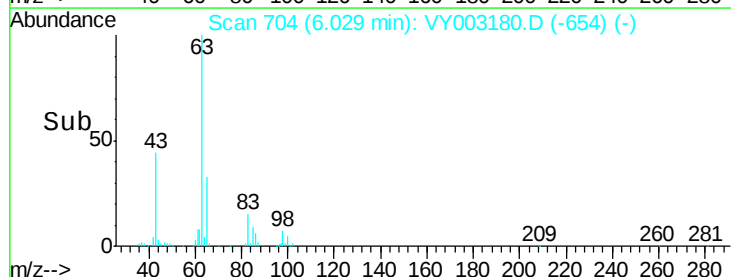
60000

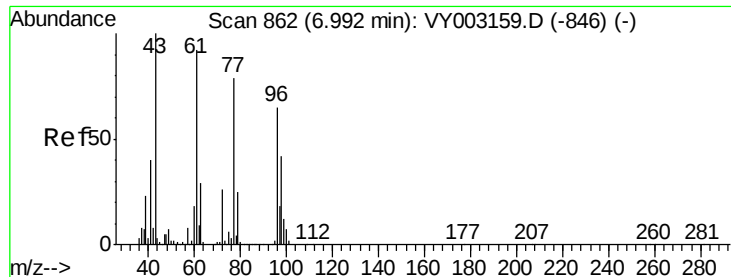
40000

20000

0

Time-->





#25

2-Butanone

Concen: 108.897 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 43 Resp: 169840

Ion Ratio Lower Upper

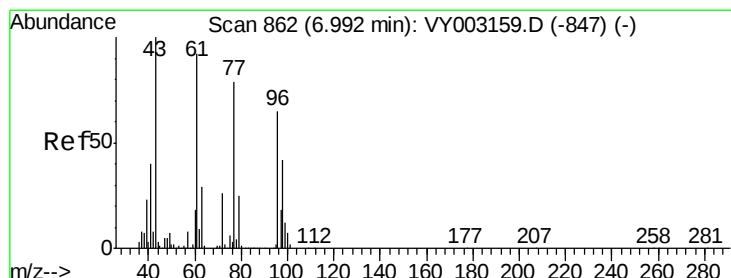
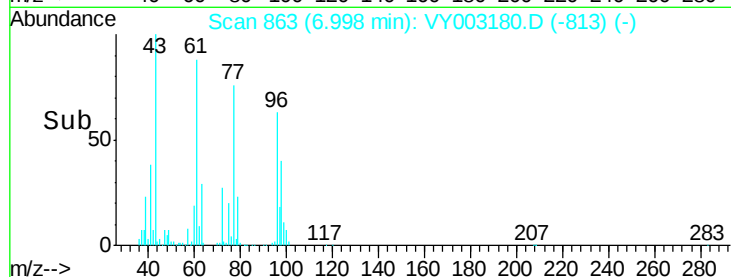
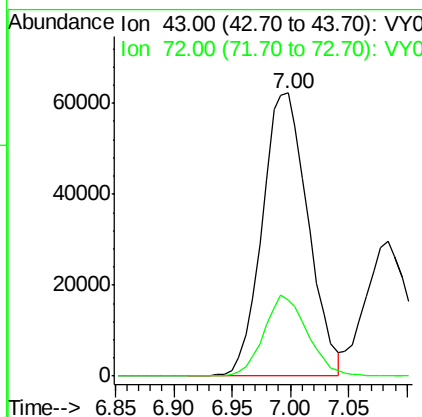
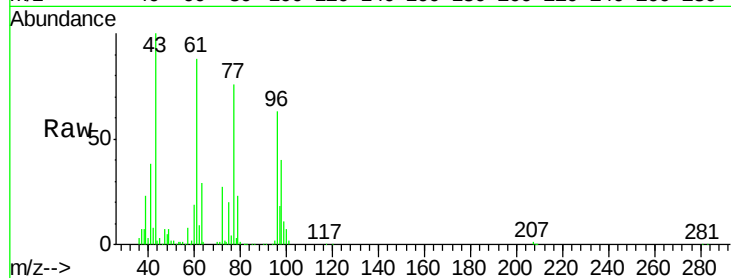
43 100

72 26.7 20.9 31.3

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 22.021 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003180.D

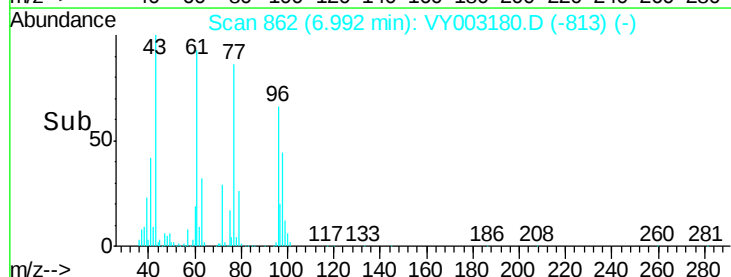
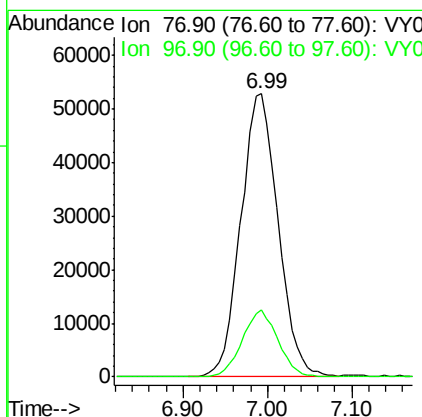
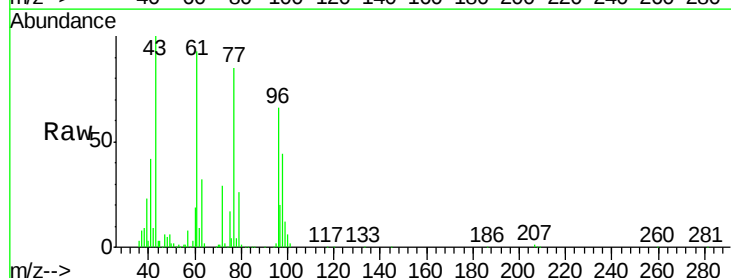
Acq: 13 Jul 2020 12:25

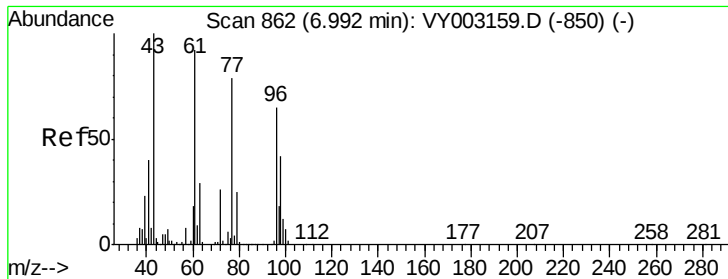
Tgt Ion: 77 Resp: 158633

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.7





#27

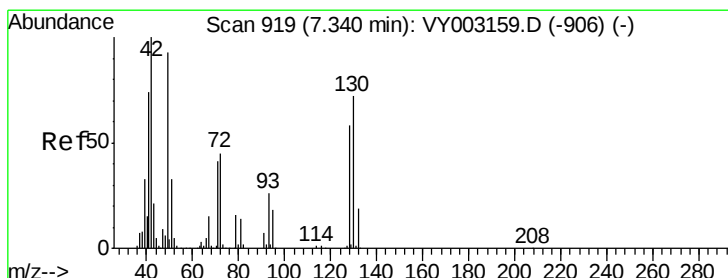
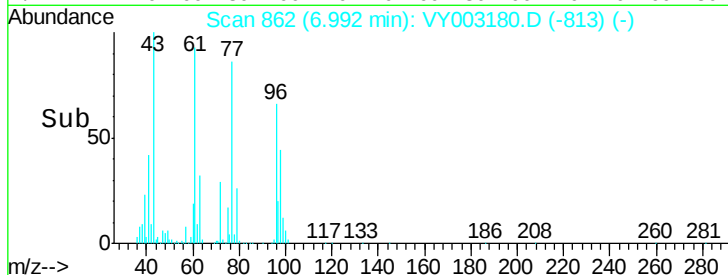
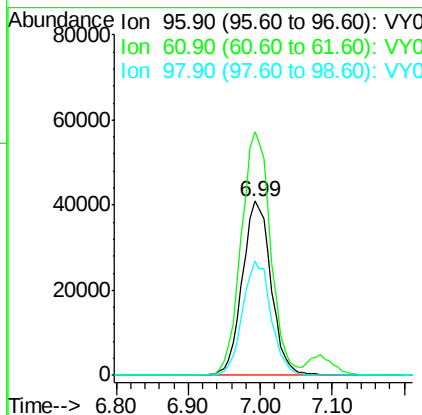
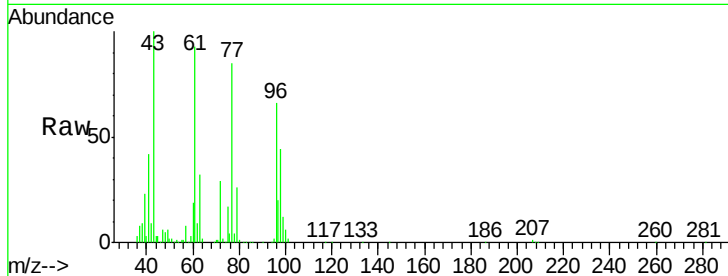
cis-1,2-Dichloroethene
 Concen: 21.761 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	113617		
61	142.4		0.0	281.2
98	64.9		0.0	129.8

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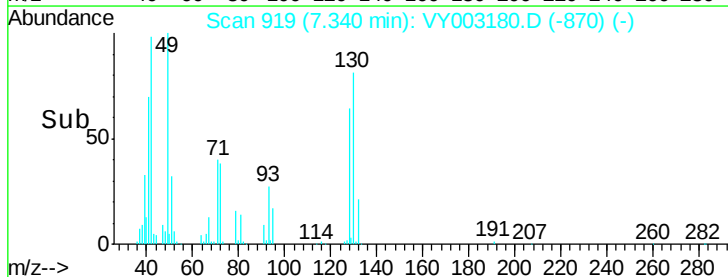
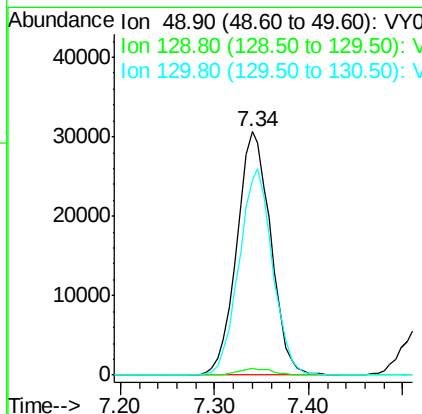
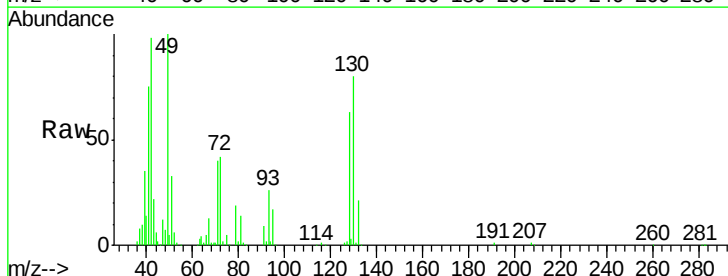
MMDadoda
 7/14/2020 11:37:18 AM

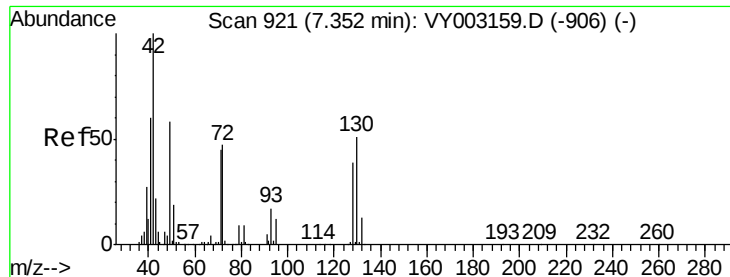


#28

Bromochloromethane
 Concen: 22.265 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77107		
129	2.7		0.0	5.0
130	83.6		64.9	97.3





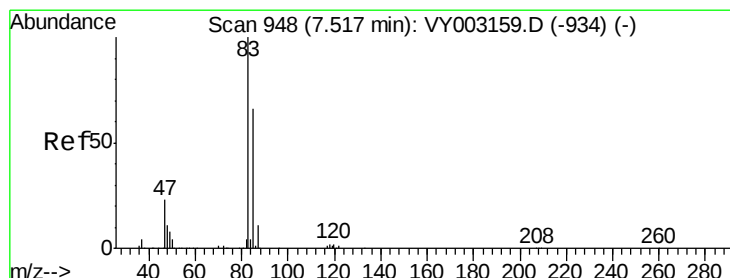
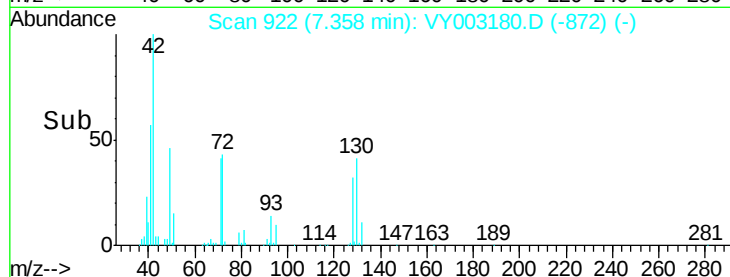
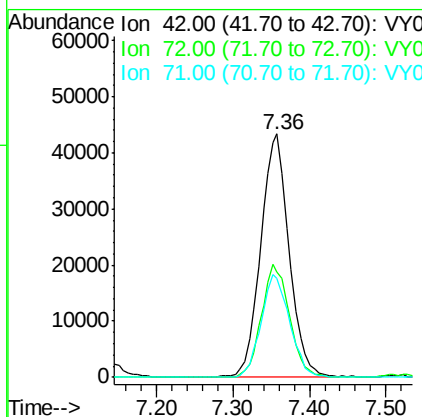
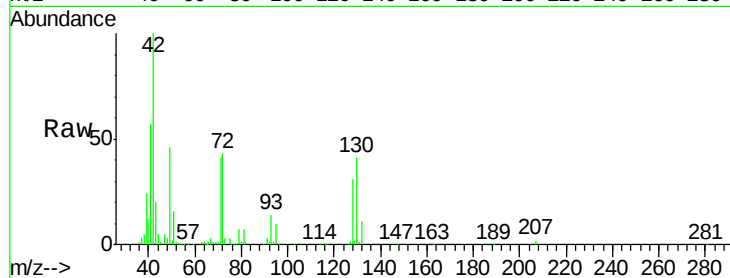
#29
Tetrahydrofuran
Concen: 107.110 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	36.7	55.1
71	42.4	34.2	51.4

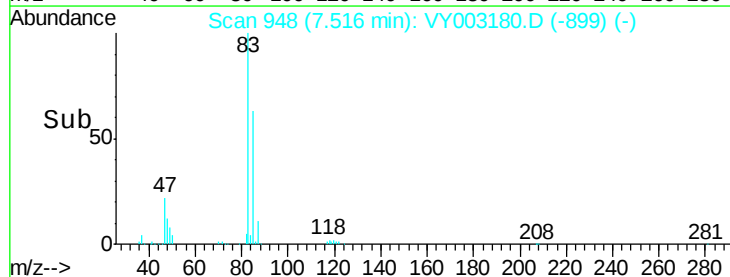
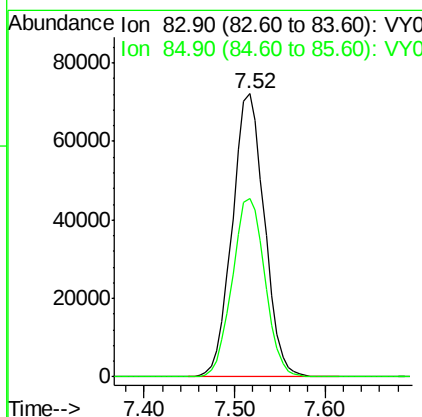
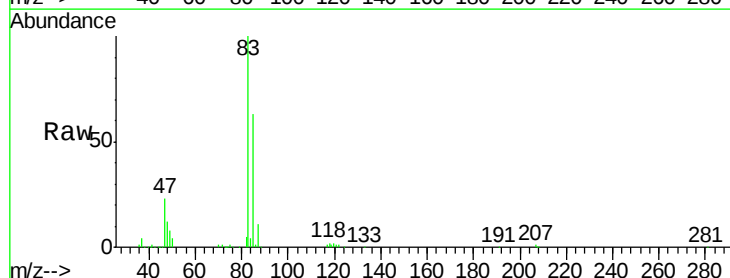
Manual Integrations
APPROVED

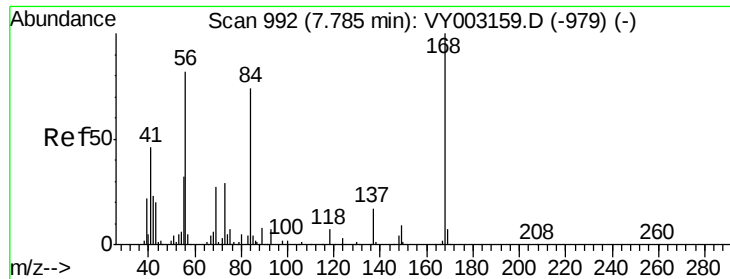
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#30
Chloroform
Concen: 21.553 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.6	78.8





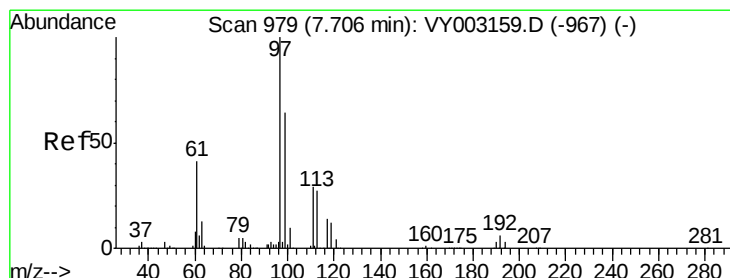
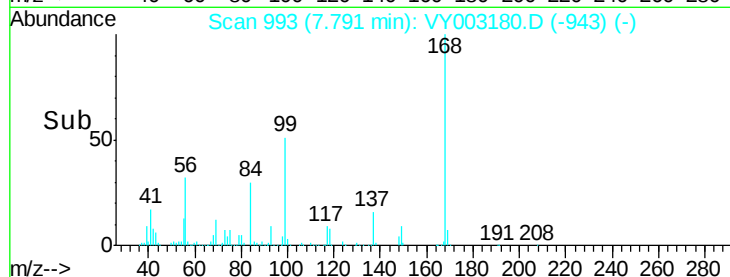
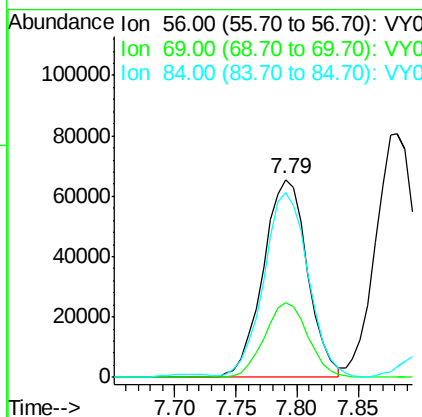
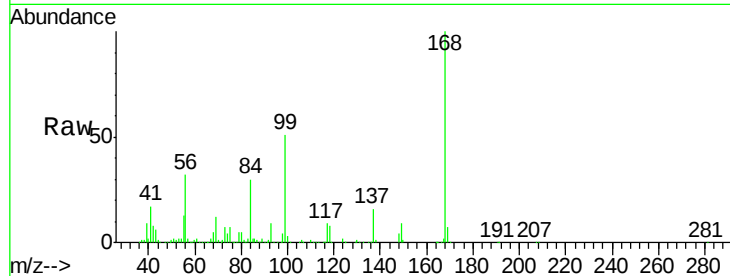
#31
Cyclohexane
Concen: 21.365 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	38.0	26.7	40.1	
84	91.7	72.3	108.5	

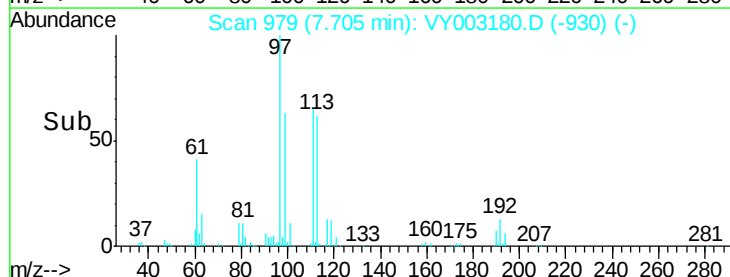
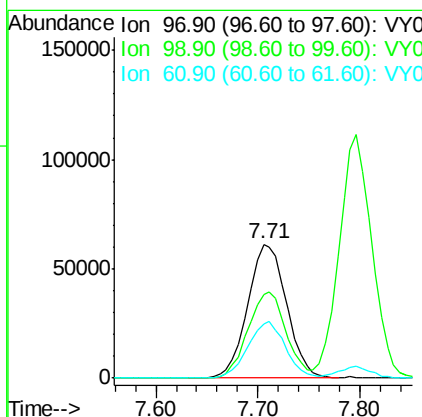
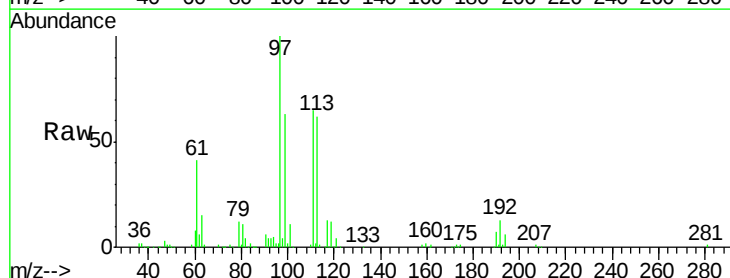
Manual Integrations
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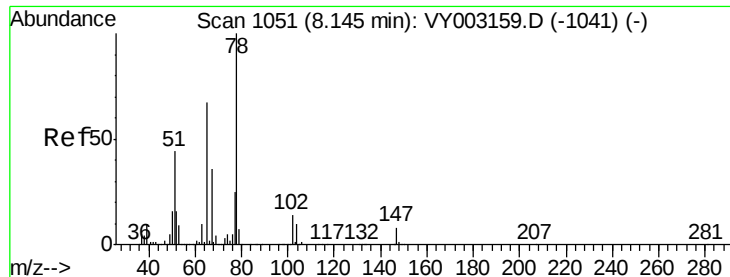
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 21.835 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.6	52.1	78.1	
61	41.1	33.9	50.9	





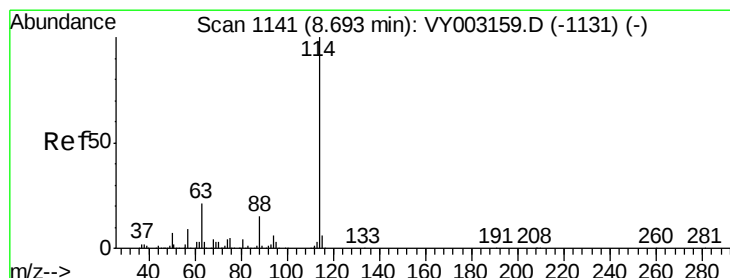
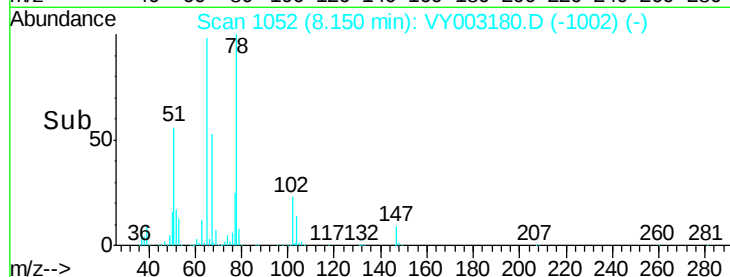
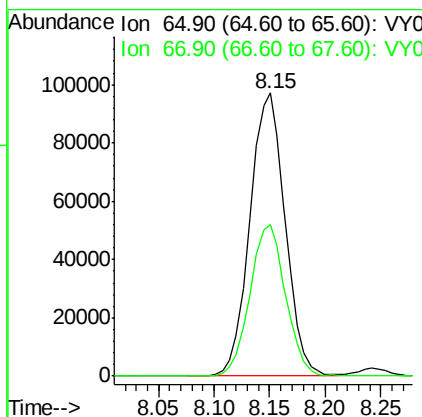
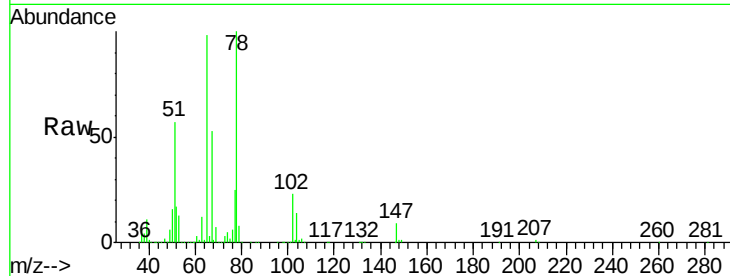
#33
 1,2-Dichloroethane-d4
 Concen: 50.291 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	213864		
67	54.3	0.0	105.2	

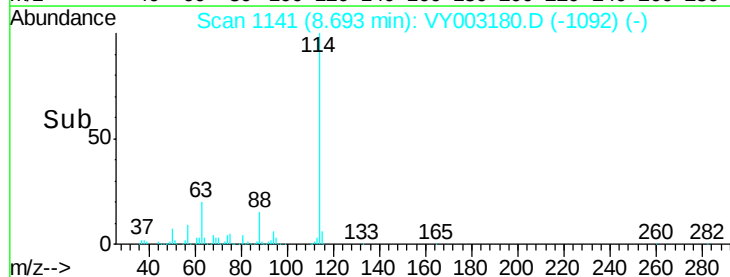
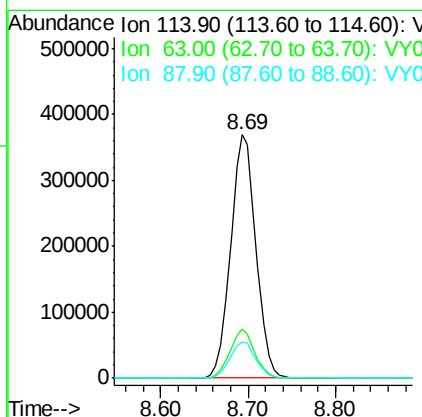
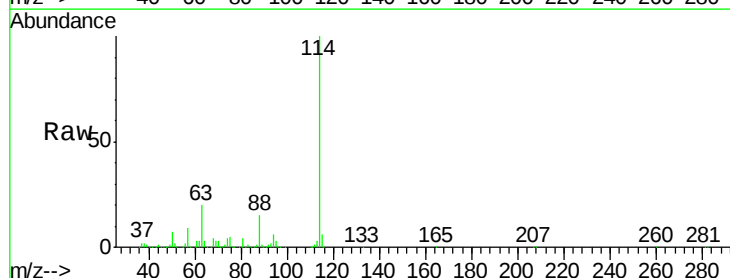
Manual Integrations
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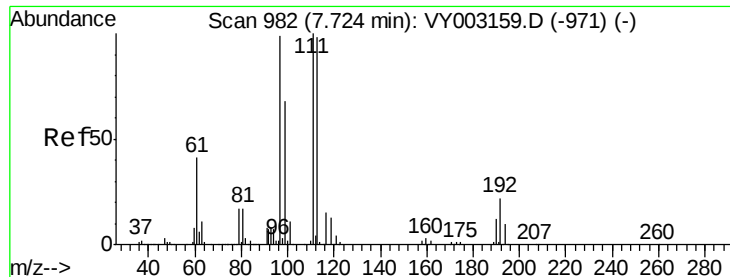
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	738802		
63	20.2	0.0	41.2	
88	14.9	0.0	30.2	





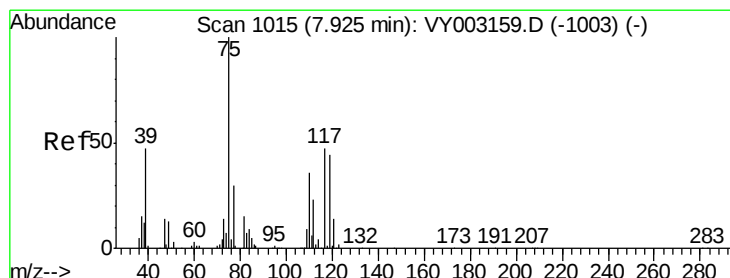
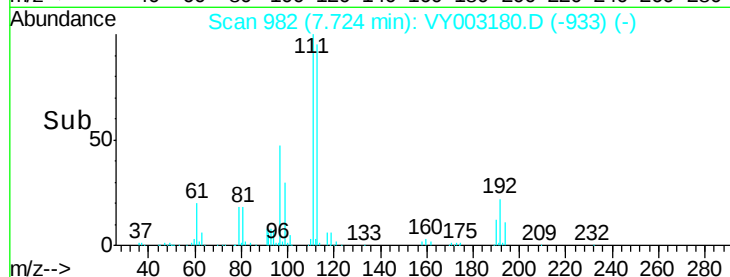
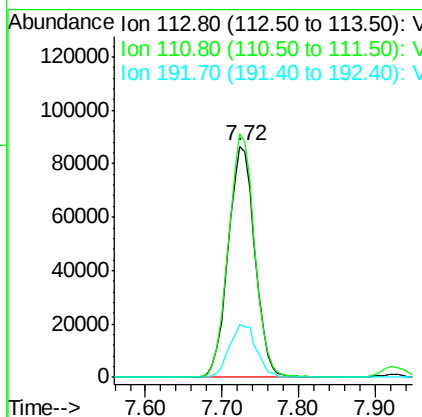
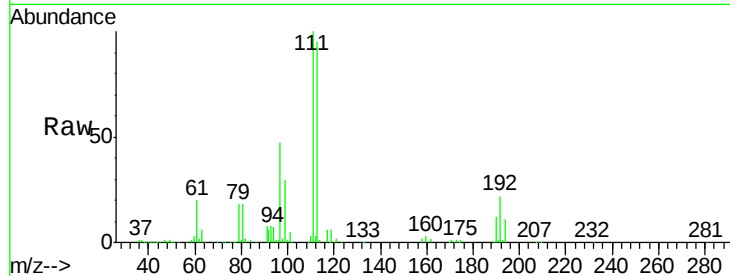
#35
 Dibromofluoromethane
 Concen: 48.837 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	207636		
111	103.7	82.1	123.1	
192	23.4	18.8	28.2	

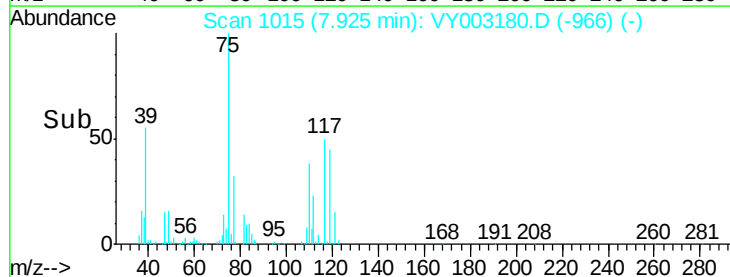
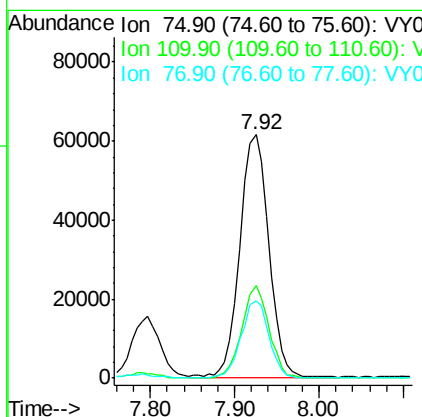
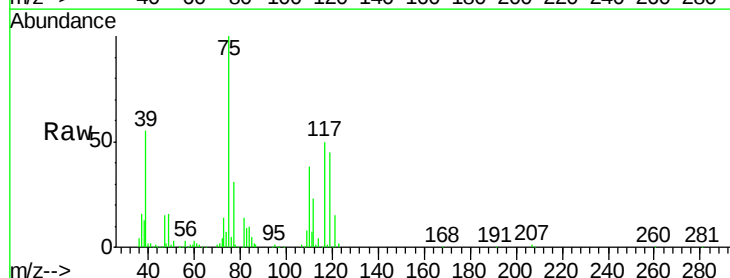
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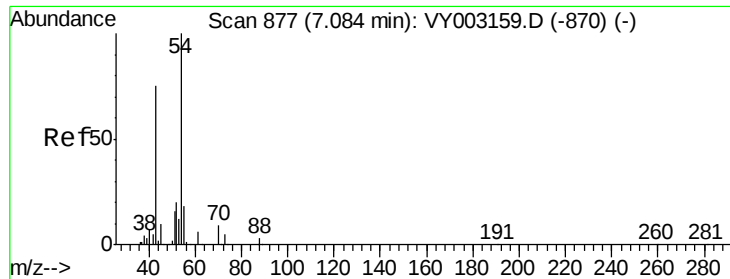
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#36
 1,1-Dichloropropene
 Concen: 21.222 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142099		
110	35.7	18.1	54.1	
77	30.7	24.8	37.2	





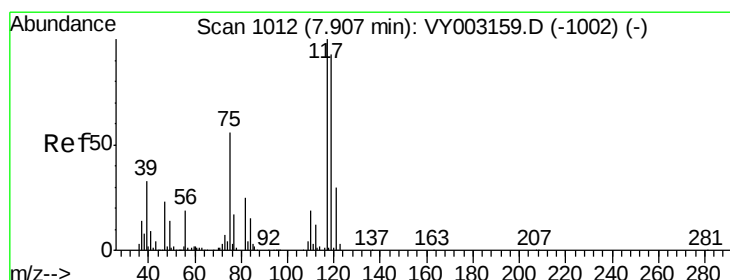
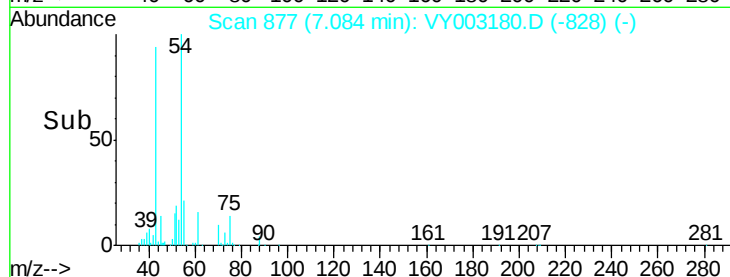
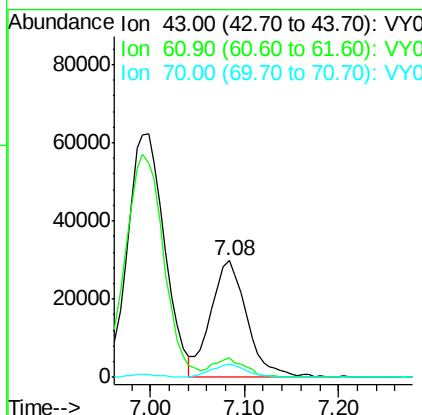
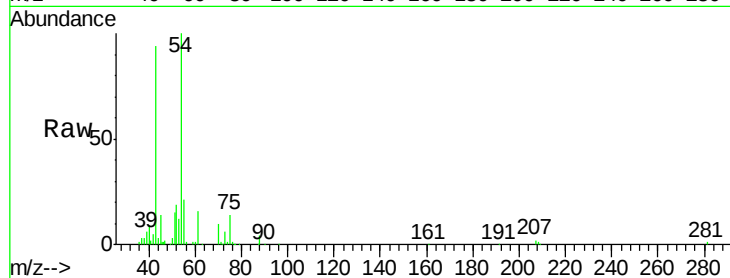
#37
Ethyl Acetate
Concen: 21.920 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.8	17.6
70	11.0	8.6	13.0

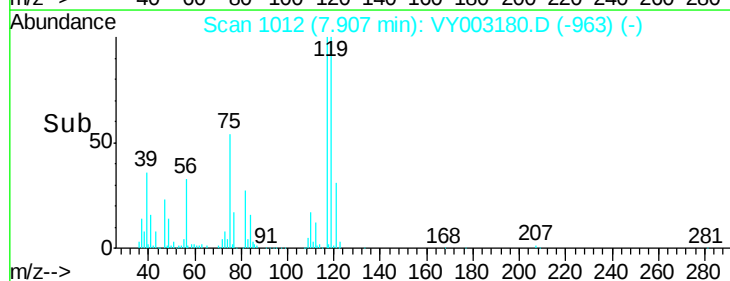
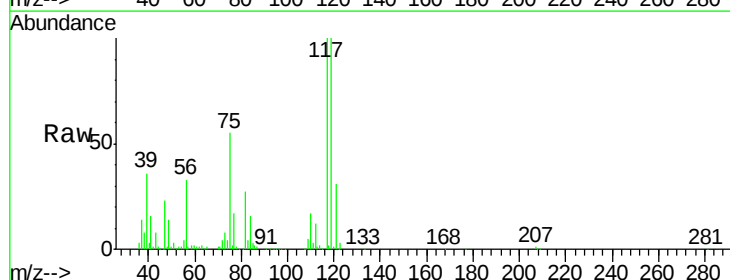
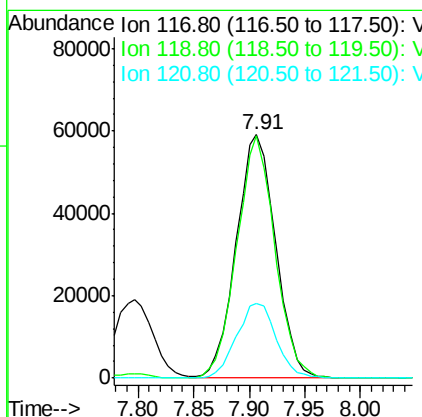
Manual Integrations
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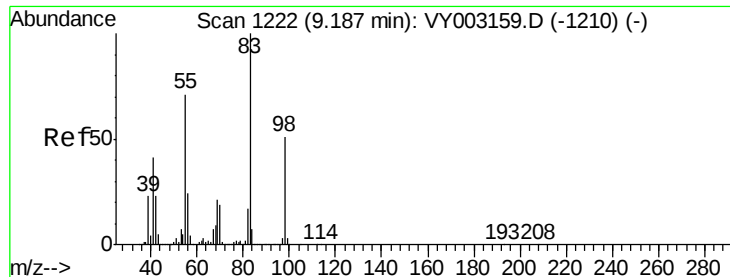
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#38
Carbon Tetrachloride
Concen: 21.007 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	74.5	111.7
121	30.9	24.2	36.2





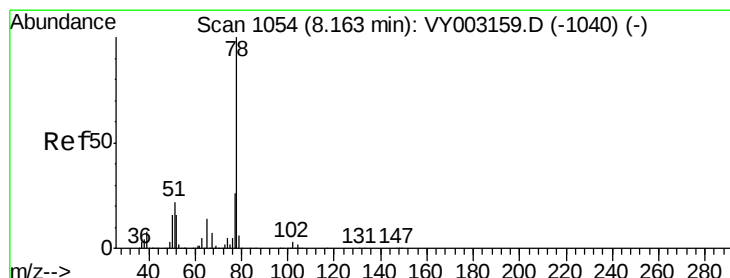
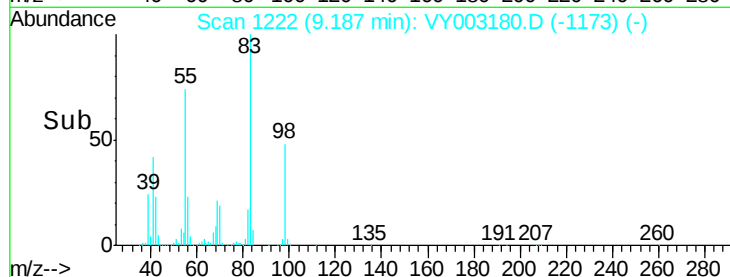
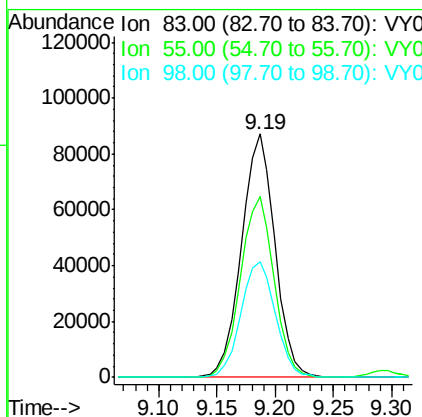
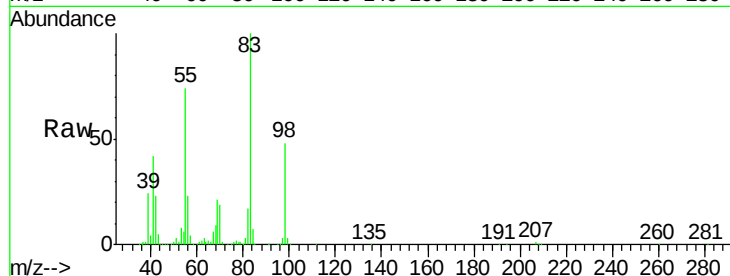
#39
Methvlcvclohexane
Concen: 20.776 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	57.2	85.8
98	47.5	41.0	61.6

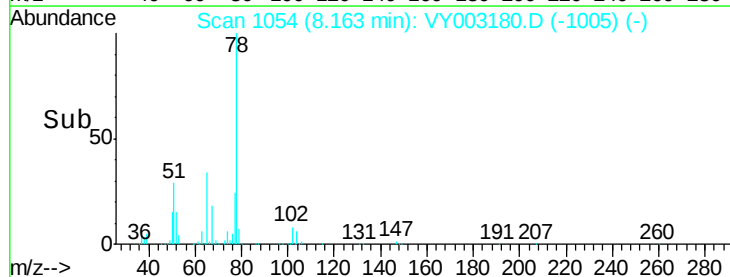
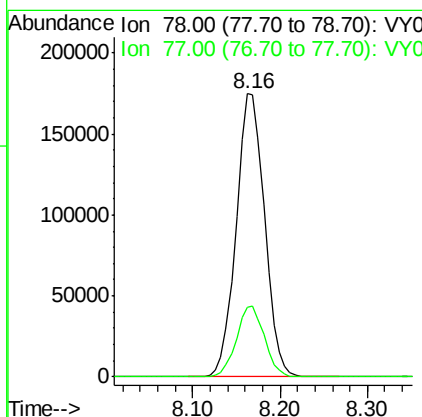
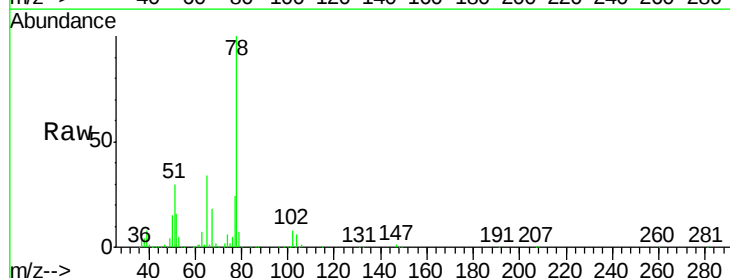
Manual Integrations
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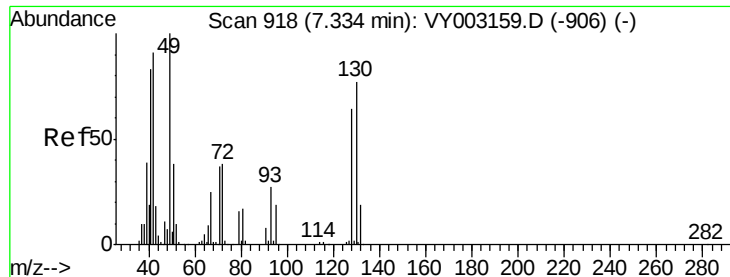
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#40
Benzene
Concen: 21.419 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	20.7	31.1





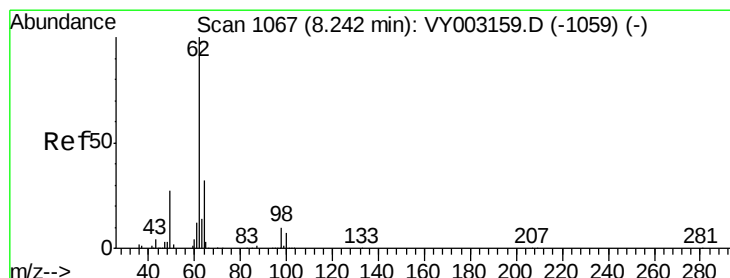
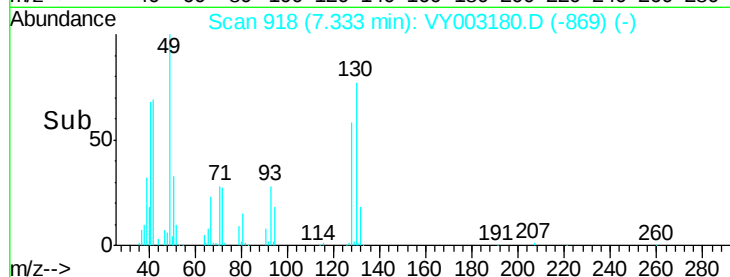
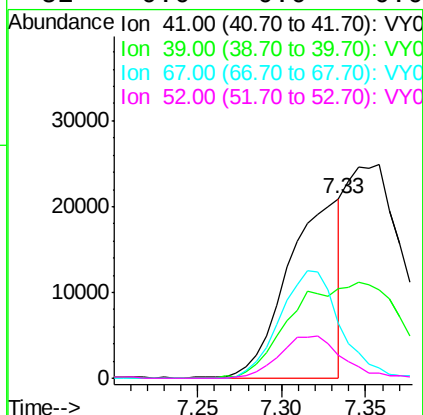
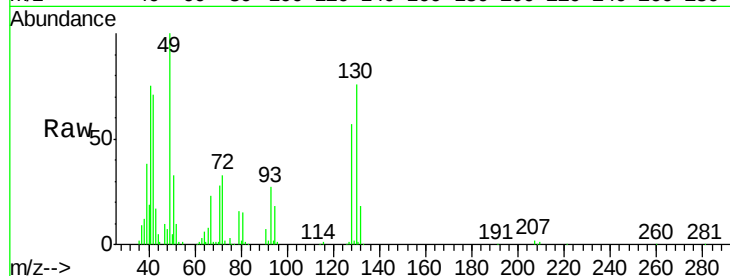
#41
Methacrylonitrile
Concen: 21.197 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	41	Resp	46035
Ion	Ratio	Lower	Upper
41	100		
39	110.1	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

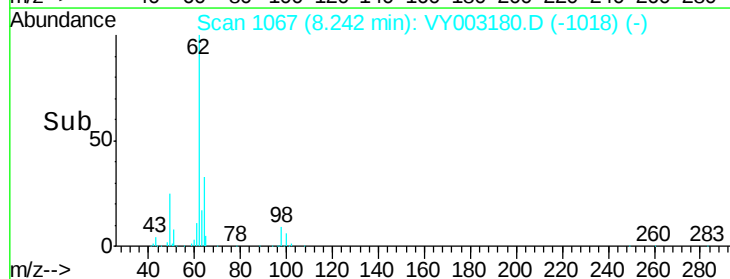
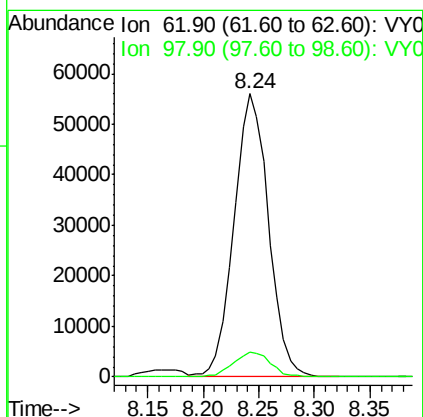
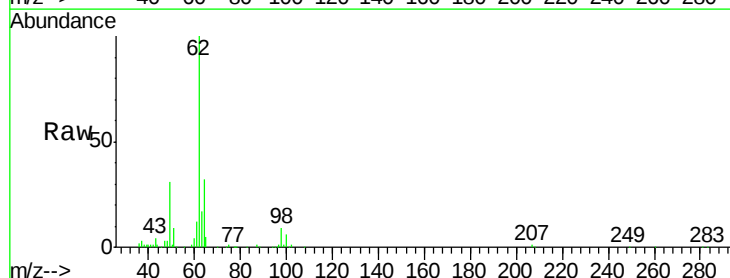
Manual Integrations
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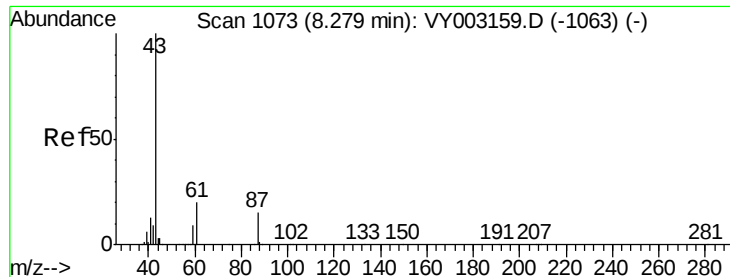
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#42
1,2-Dichloroethane
Concen: 21.226 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	62	Resp	120479
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

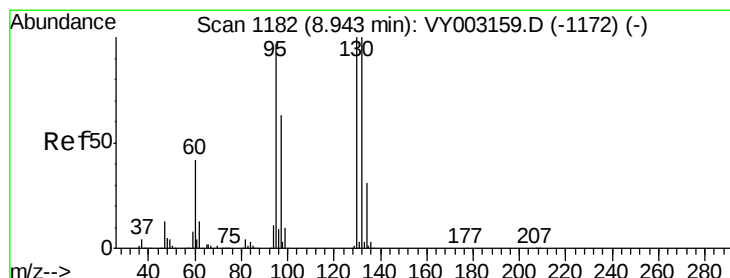
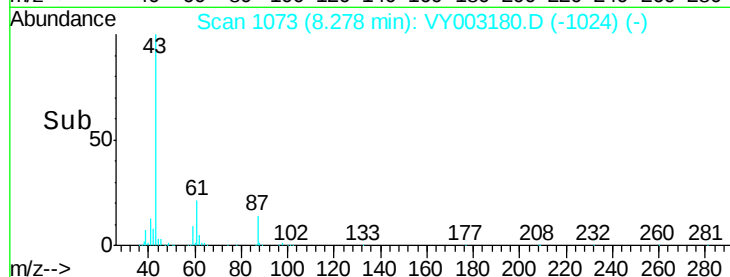
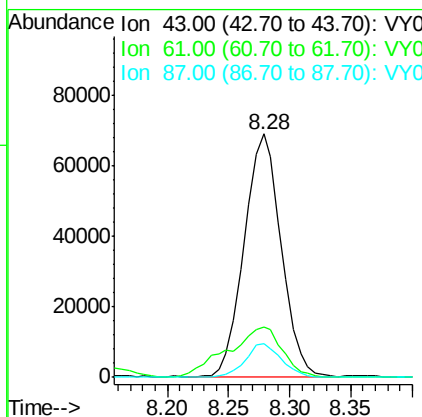
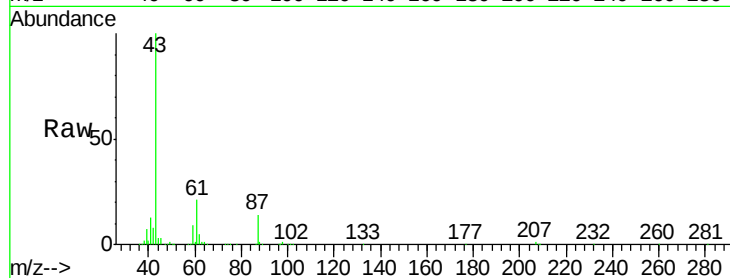
Isopropyl Acetate
 Concen: 20.709 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.7	23.7	35.5
87	13.5	11.4	17.0

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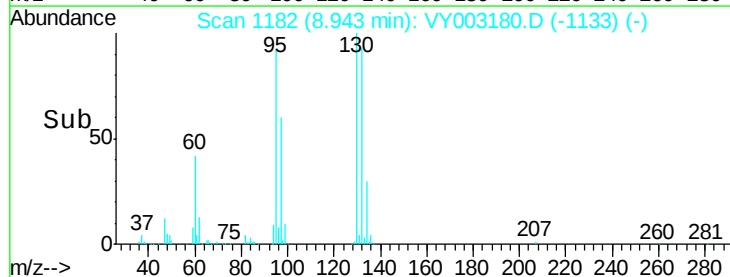
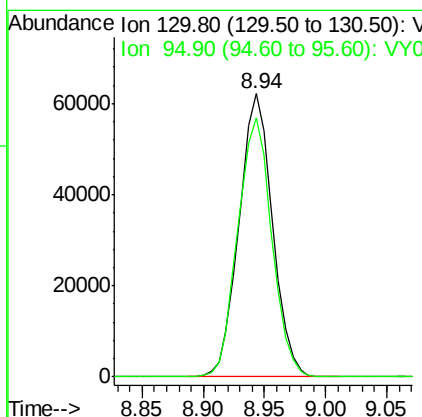
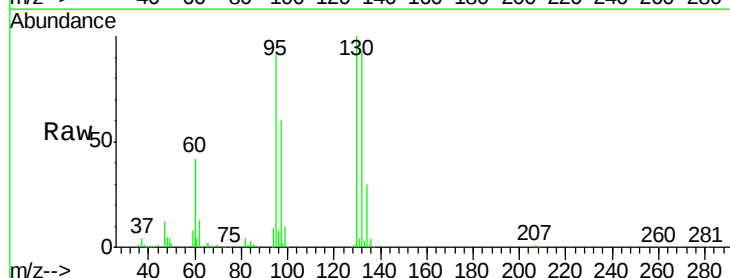
MMDadoda
 7/14/2020 11:37:18 AM

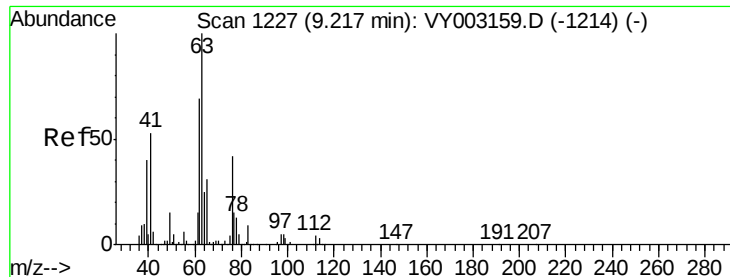


#44

Trichloroethene
 Concen: 20.912 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	193.8





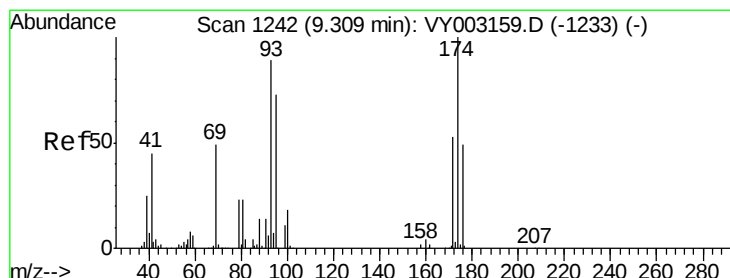
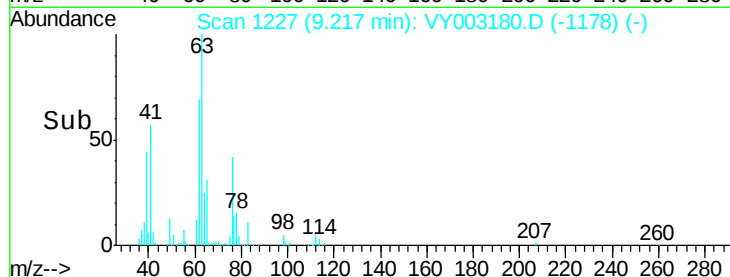
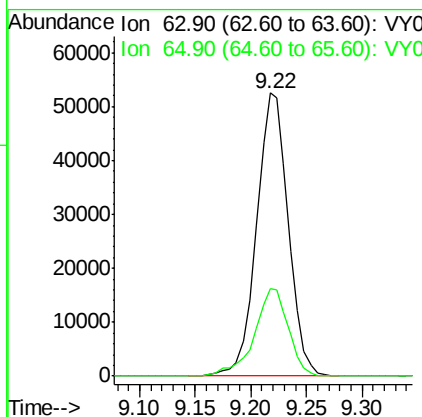
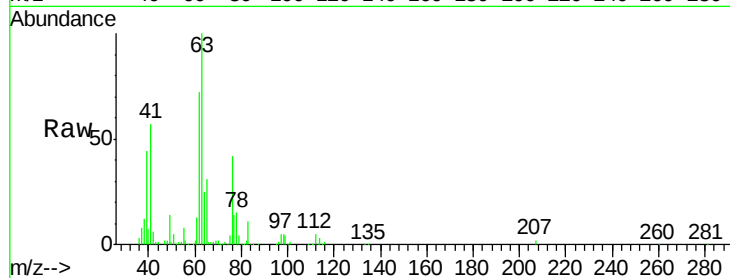
#45
 1,2-Dichloropropane
 Concen: 21.753 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.0	37.4

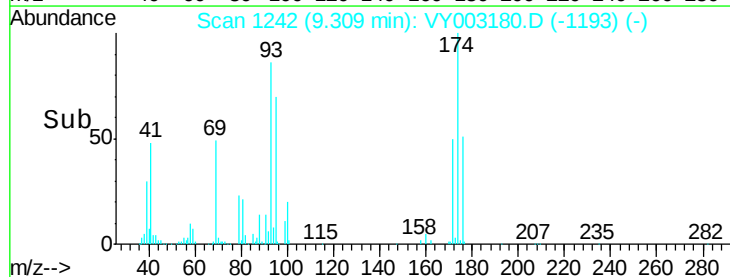
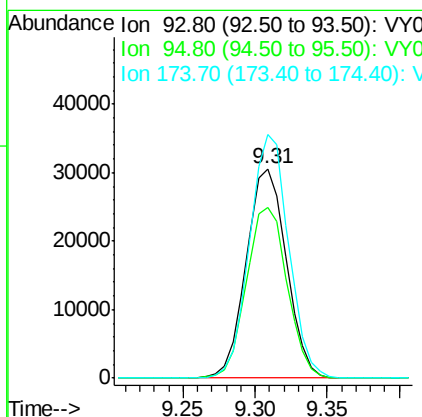
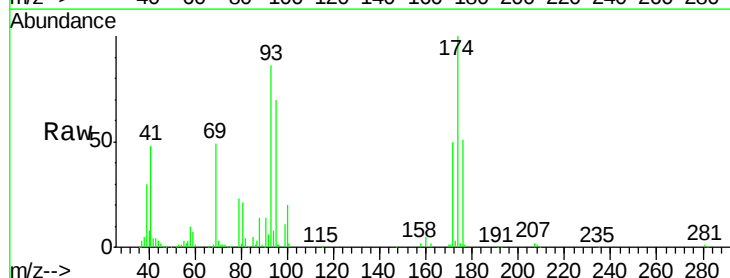
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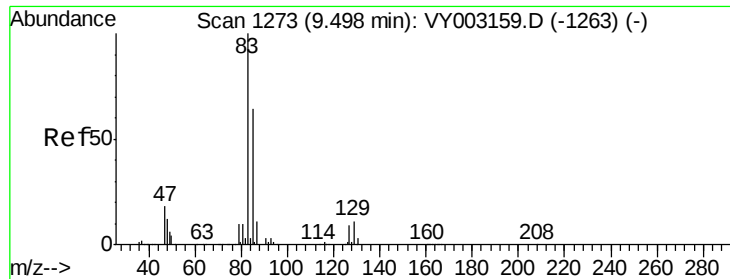
MMDadoda
 7/14/2020 11:37:18 AM



#46
 Dibromomethane
 Concen: 21.117 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.6	99.8
174	113.2	90.2	135.4





#47

Bromodichloromethane

Concen: 21.144 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

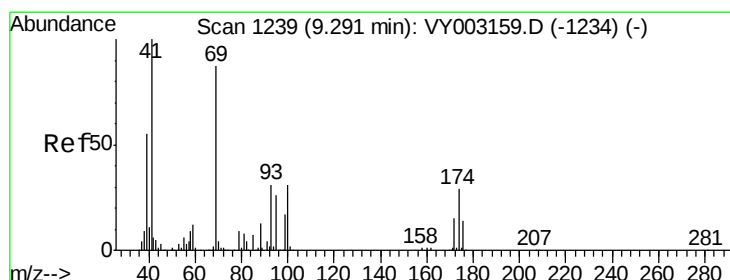
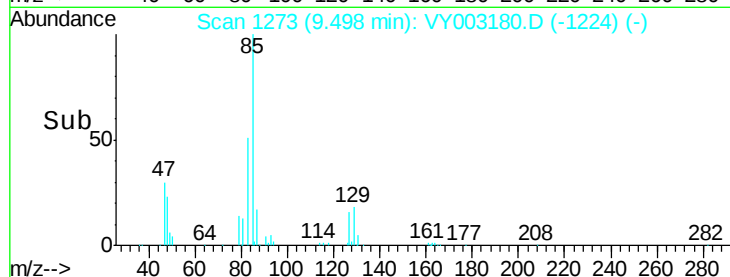
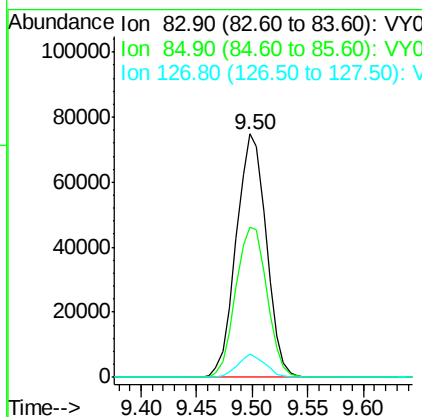
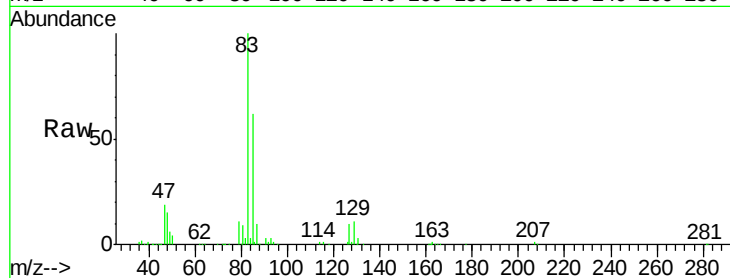
ClientSampleId :

VY0713SBS01

Tot Ion:	83	Resp:	140125
Ion Ratio	Lower	Upper	
83	100		
85	61.9	50.9	76.3
127	9.6	7.0	10.4

Manual Integrations
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7/14/2020 11:37:18 AM



#48

Methyl methacrylate

Concen: 20.749 ug/l

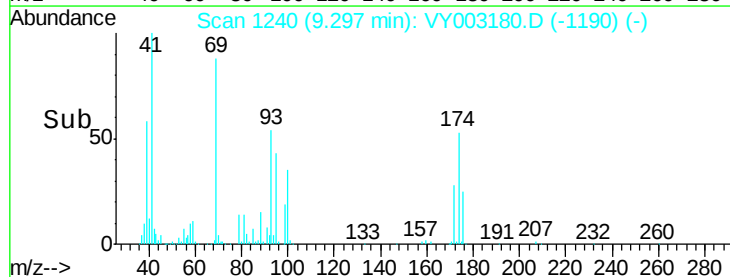
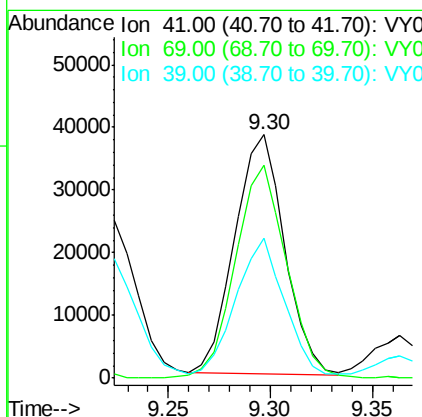
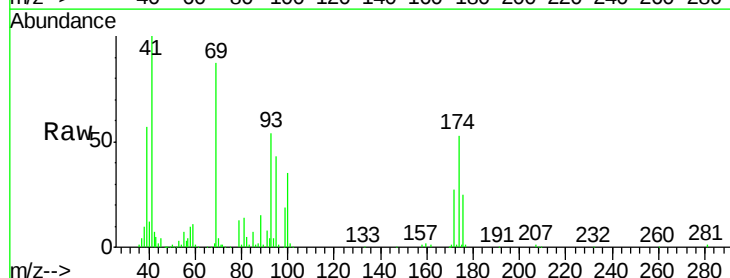
RT: 9.30 min Scan# 1240

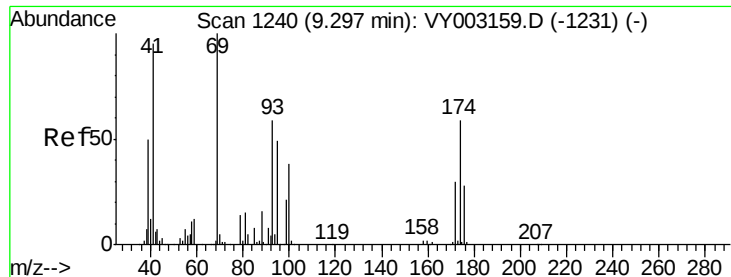
Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Tgt Ion:	41	Resp:	64744
Ion Ratio	Lower	Upper	
41	100		
69	91.5	74.5	111.7
39	58.2	47.5	71.3





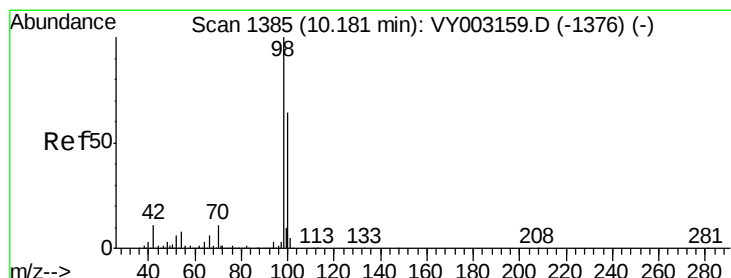
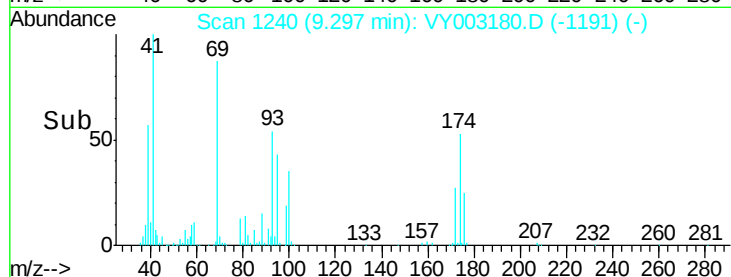
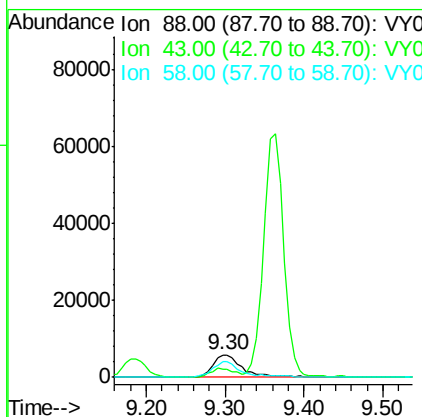
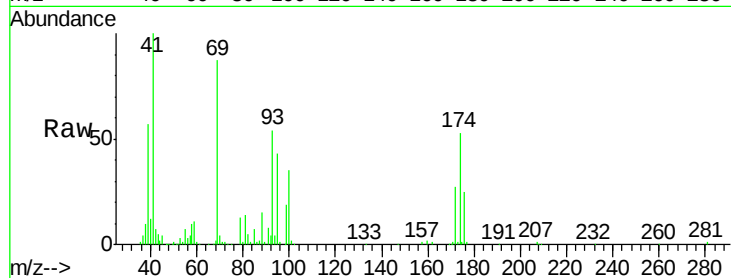
#49
1,4-Dioxane
Concen: 438.523 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	88	Resp	15508
Ion Ratio	Lower	Upper	
88	100		
43	32.4	25.6	38.4
58	63.3	47.8	71.6

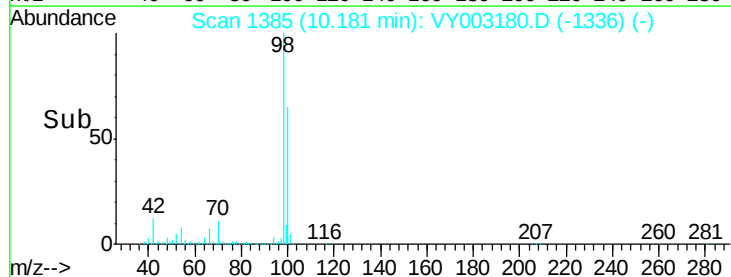
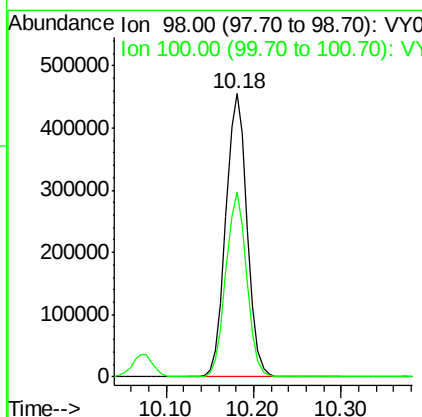
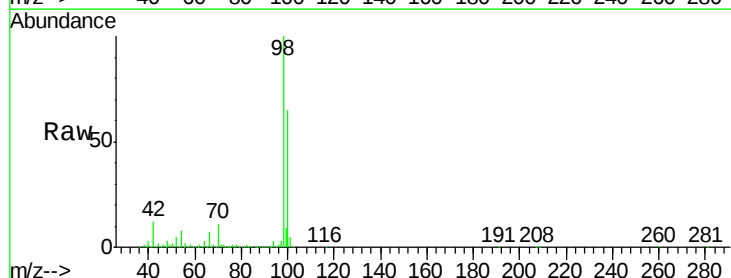
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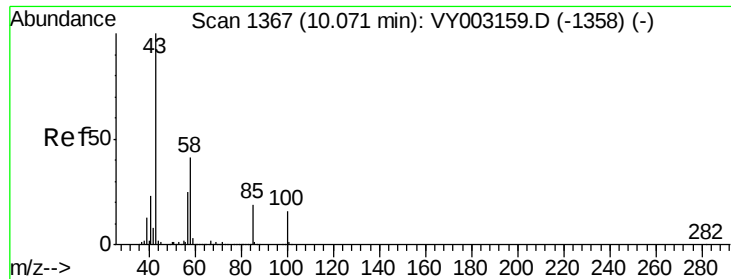
MMDadoda
7/14/2020 11:37:18 AM



#50
Toluene-d8
Concen: 48.420 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	98	Resp	765361
Ion Ratio	Lower	Upper	
98	100		
100	64.1	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 106.442 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 43 Resp: 386164

Ion Ratio Lower Upper

43 100

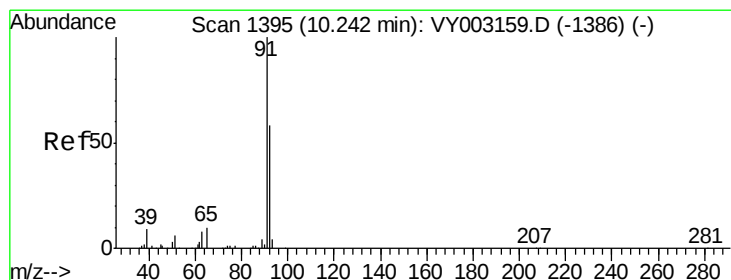
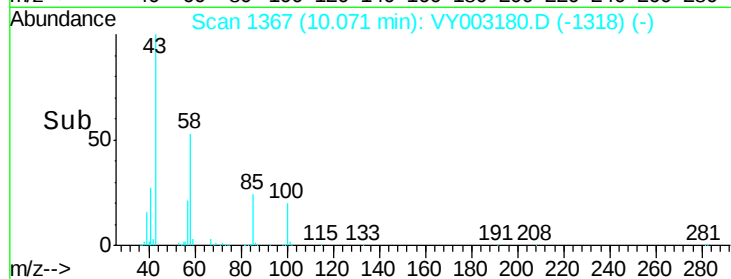
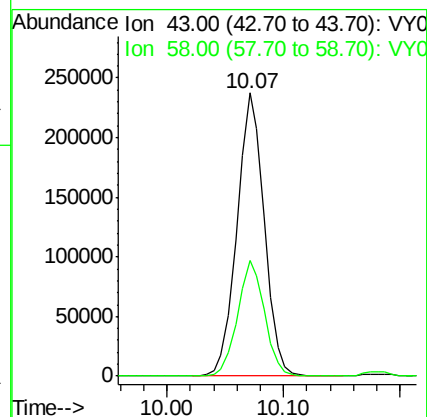
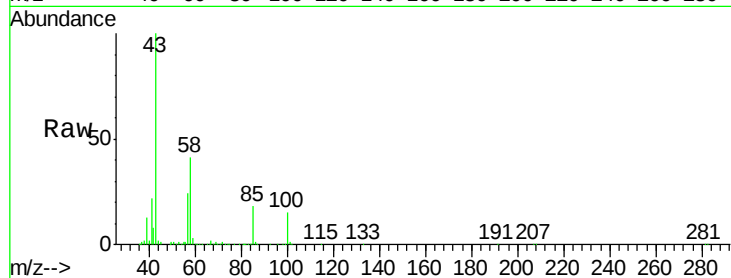
58 40.4 32.7 49.1

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#52

Toluene

Concen: 21.082 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003180.D

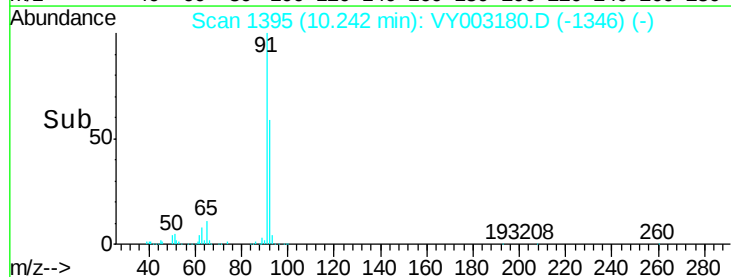
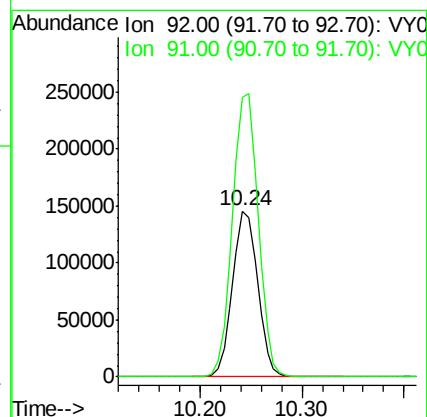
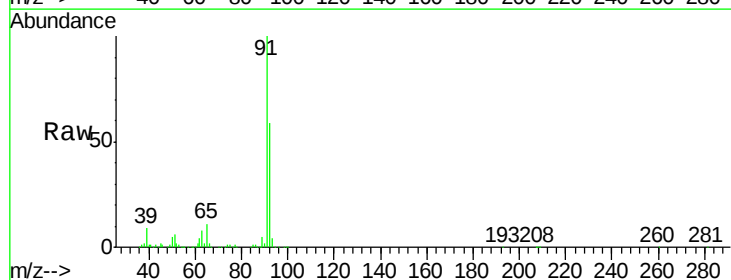
Acq: 13 Jul 2020 12:25

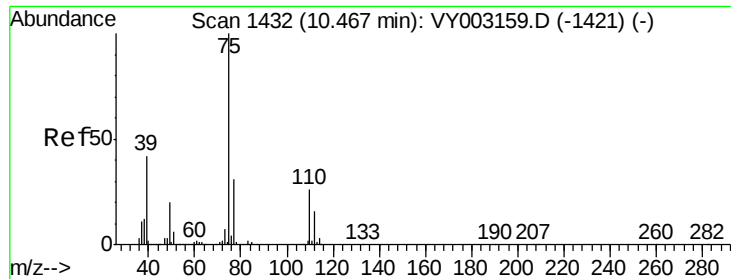
Tgt Ion: 92 Resp: 248446

Ion Ratio Lower Upper

92 100

91 174.6 139.7 209.5





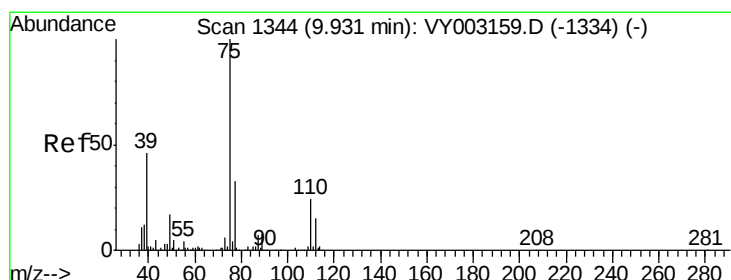
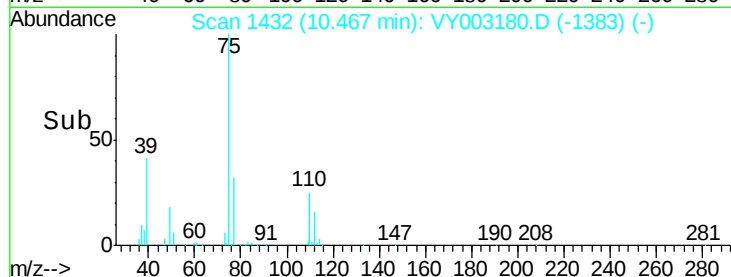
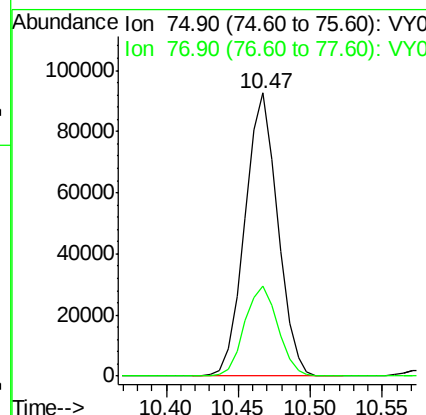
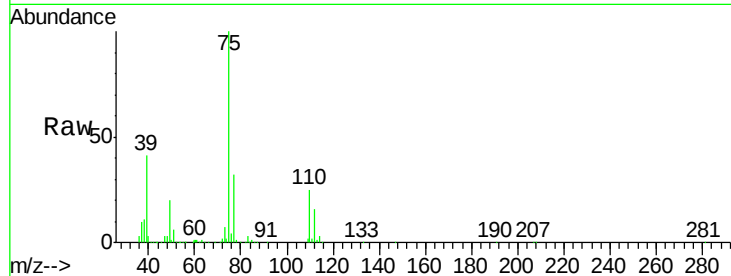
#53
t-1,3-Dichloropropene
Concen: 21.235 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8

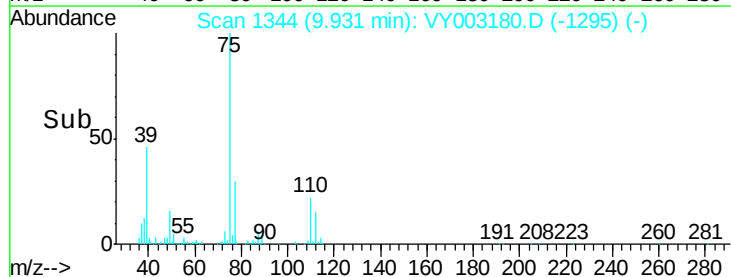
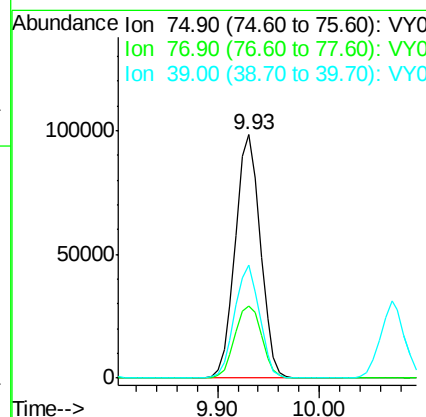
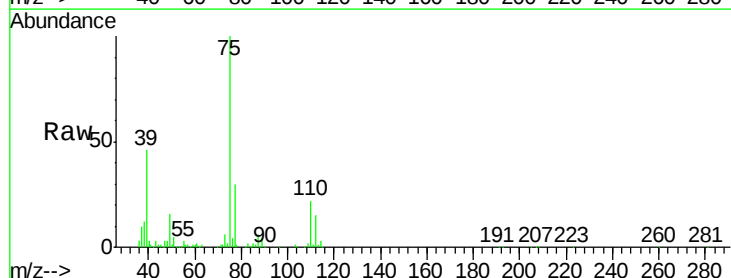
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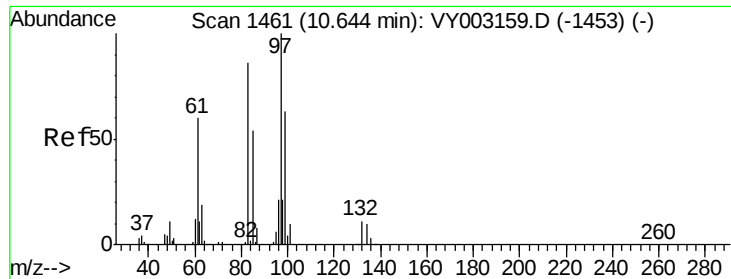
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#54
cis-1,3-Dichloropropene
Concen: 21.111 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.8	26.7	40.1
39	46.2	37.0	55.6





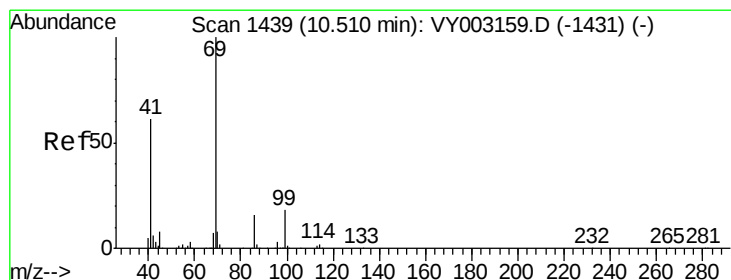
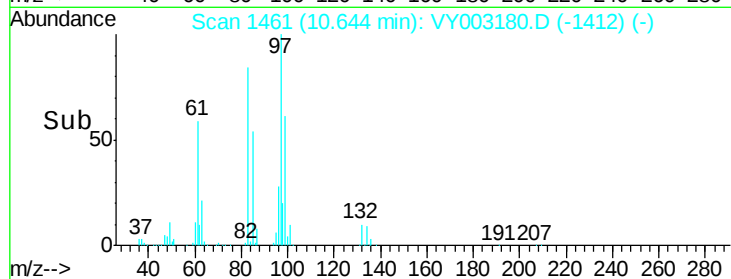
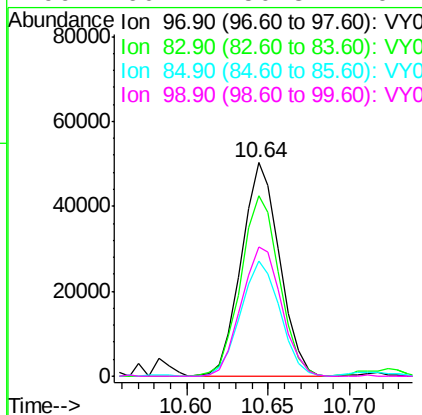
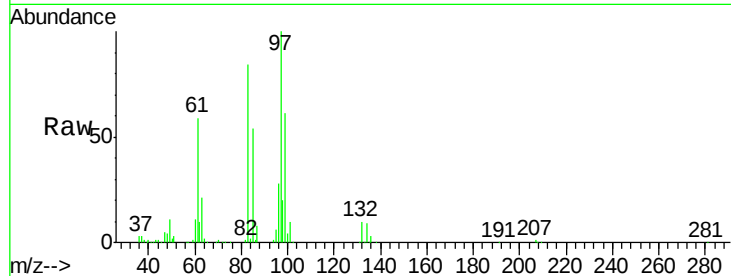
#55
 1,1,2-Trichloroethane
 Concen: 20.822 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	97	Resp	82216
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.8	103.2
85	53.9	43.1	64.7
99	60.7	50.8	76.2

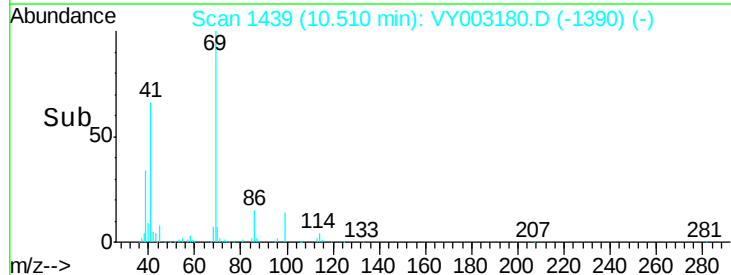
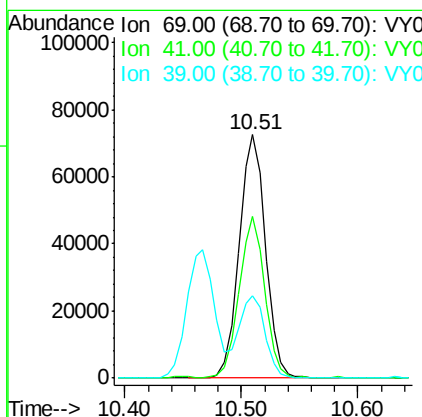
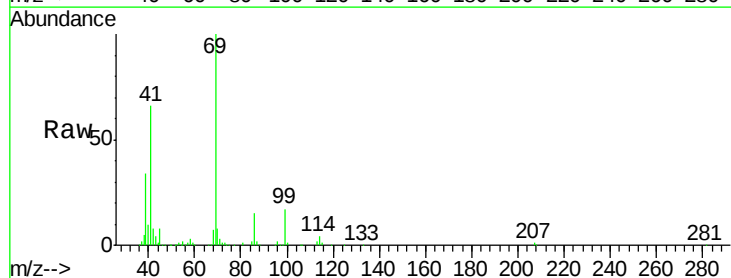
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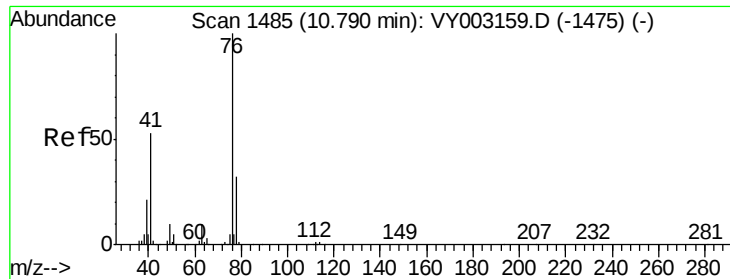
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#56
 Ethyl methacrylate
 Concen: 21.303 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	69	Resp	114358
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.0	75.0
39	34.8	27.6	41.4





#57

1,3-Dichloropropane

Concen: 21.417 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 76 Resp: 143386

Ion Ratio Lower Upper

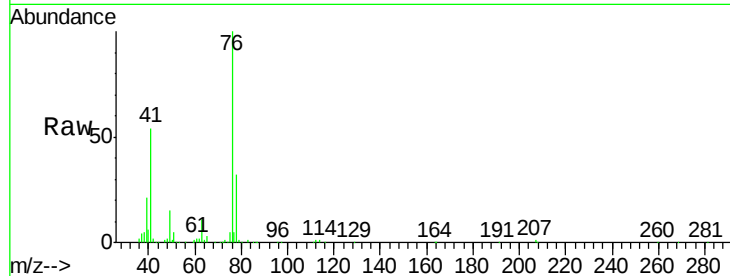
76 100

78 31.8 26.0 39.0

Manual Integrations
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MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

80000

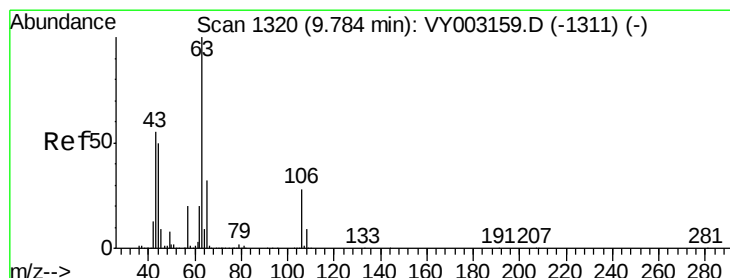
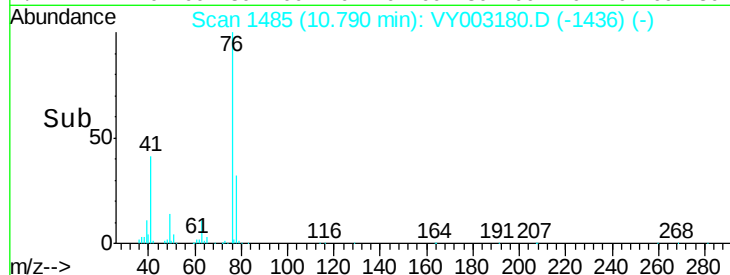
60000

40000

20000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 103.217 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003180.D

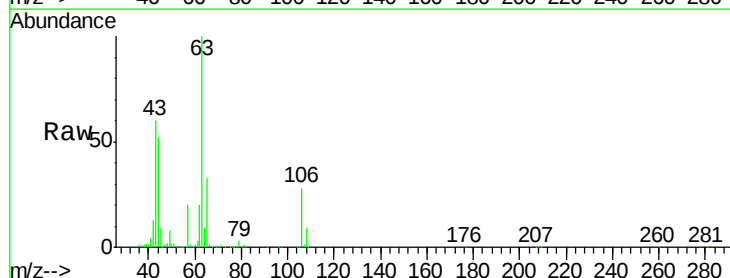
Acq: 13 Jul 2020 12:25

Tgt Ion: 63 Resp: 282577

Ion Ratio Lower Upper

63 100

106 28.2 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

200000

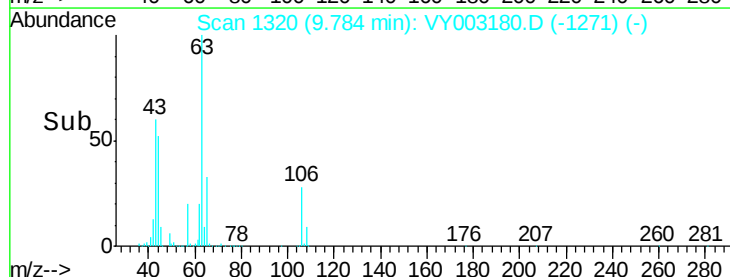
150000

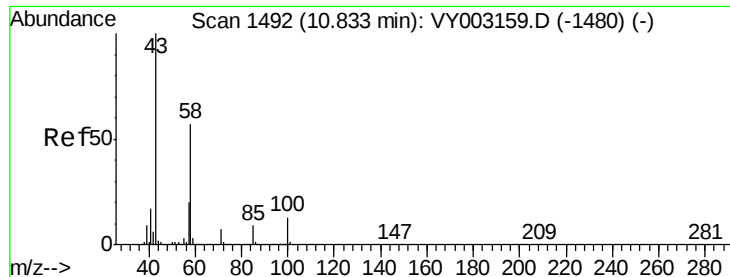
100000

50000

0

Time--> 9.70 9.75 9.80 9.85 9.90





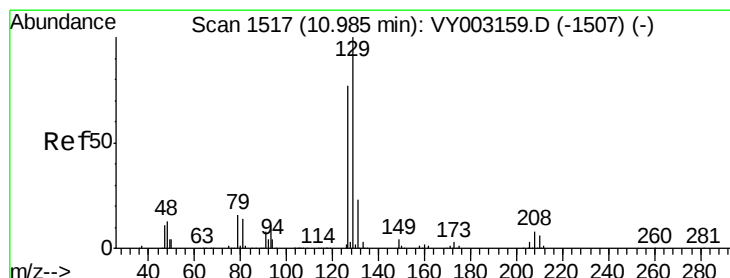
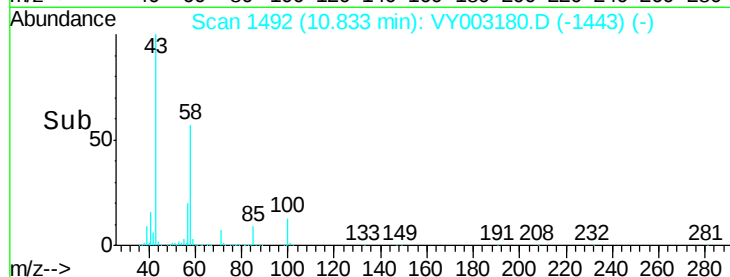
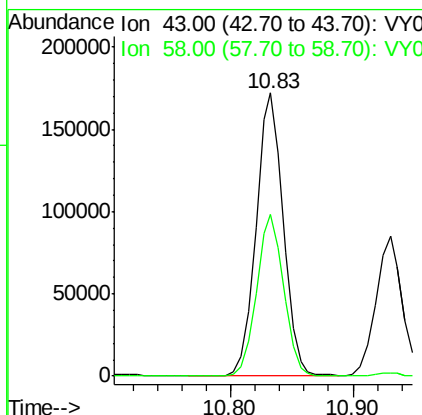
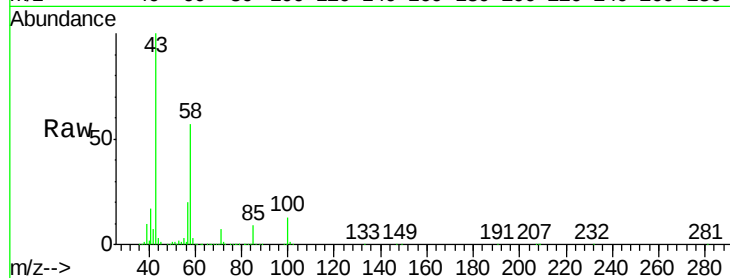
#59
2-Hexanone
Concen: 105.204 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion: 43 Resp: 266436
Ion Ratio Lower Upper
43 100
58 56.8 28.3 85.0

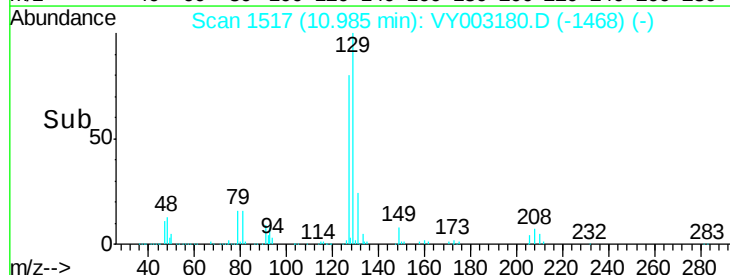
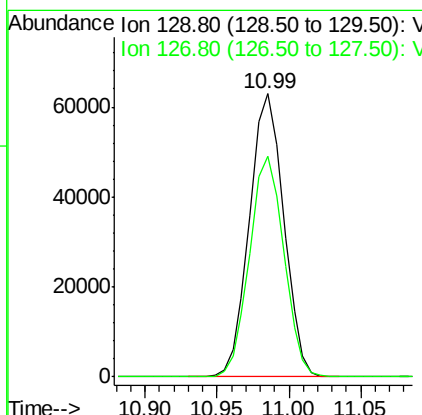
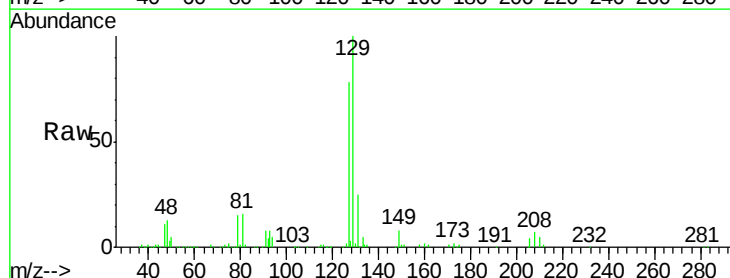
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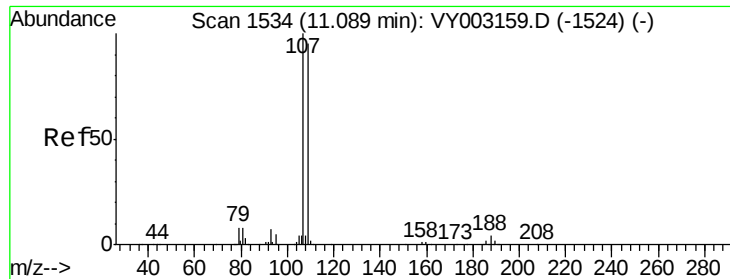
MMDadoda
7/14/2020 11:37:18 AM



#60
Dibromochloromethane
Concen: 20.932 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion: 129 Resp: 103954
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





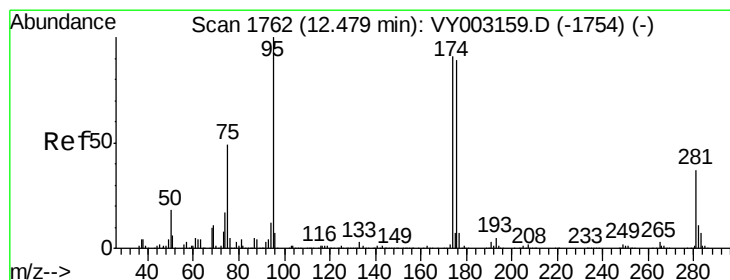
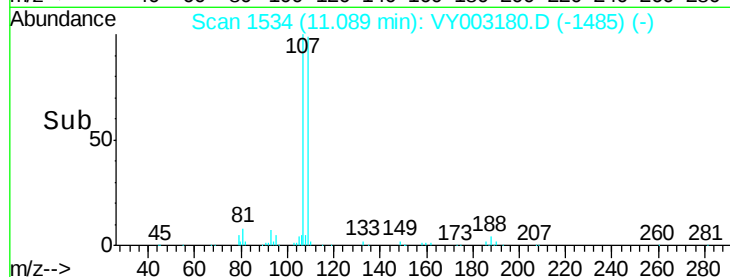
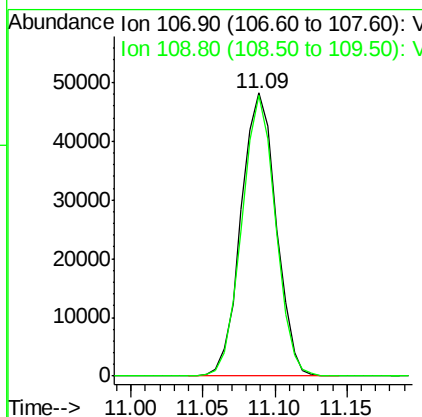
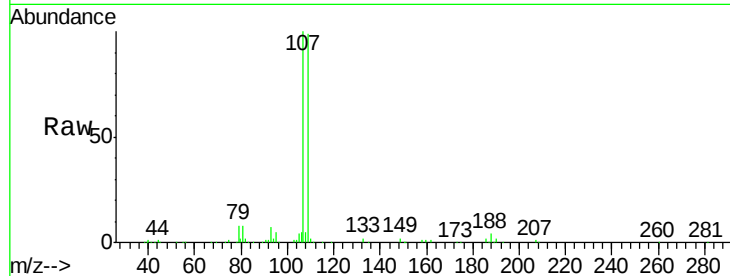
#61
 1,2-Dibromoethane
 Concen: 20.872 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713BSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.6	113.4

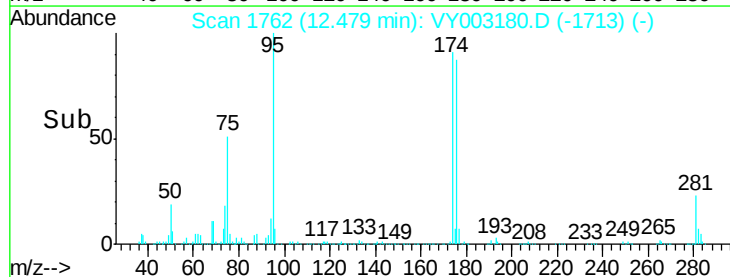
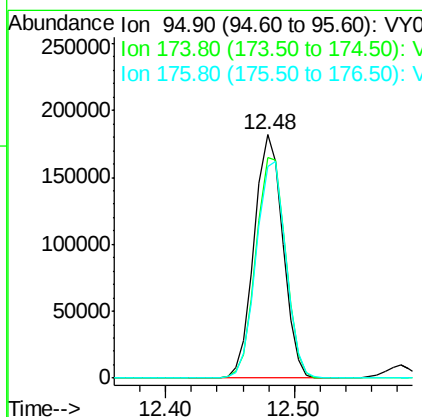
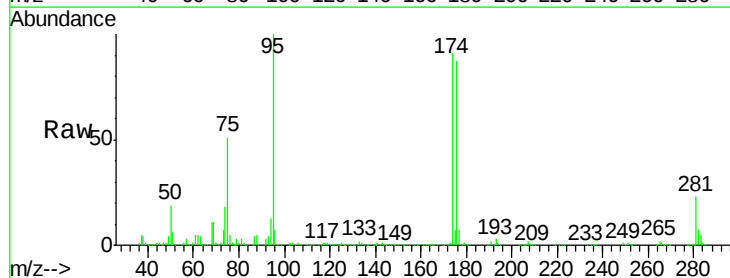
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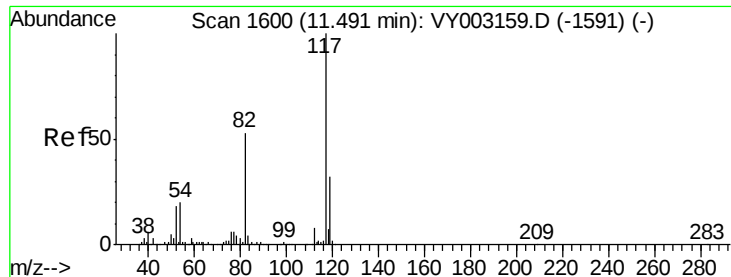
MMDadoda
 7/14/2020 11:37:18 AM



#62
 4-Bromofluorobenzene
 Concen: 49.060 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	190.6
176	91.4	0.0	186.4





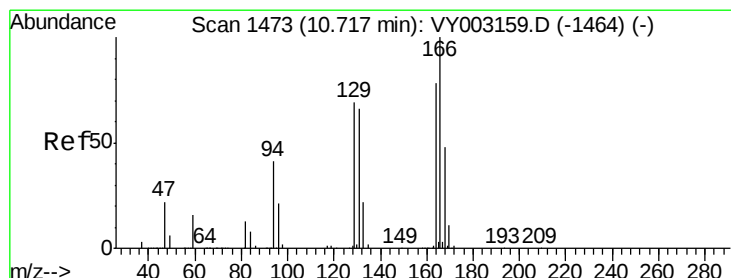
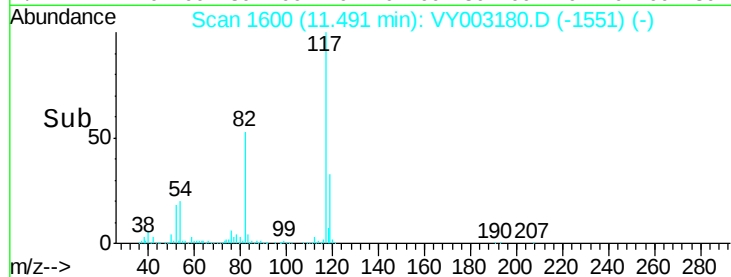
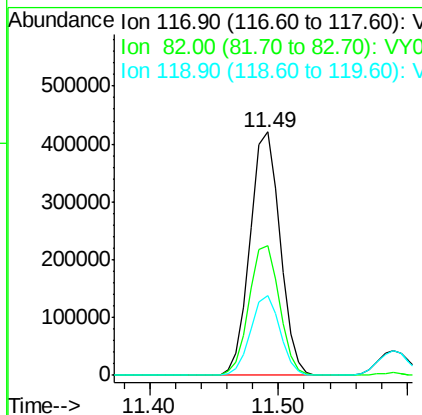
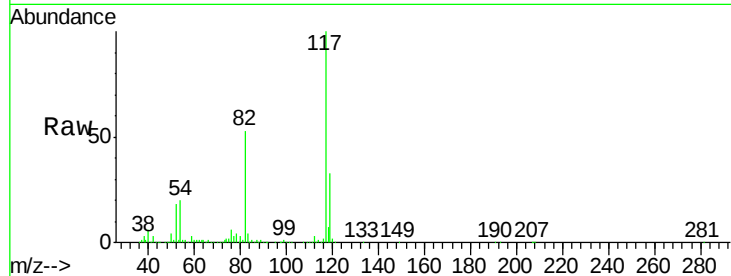
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	675745		
82	53.4	42.0	63.0	
119	32.9	25.5	38.3	

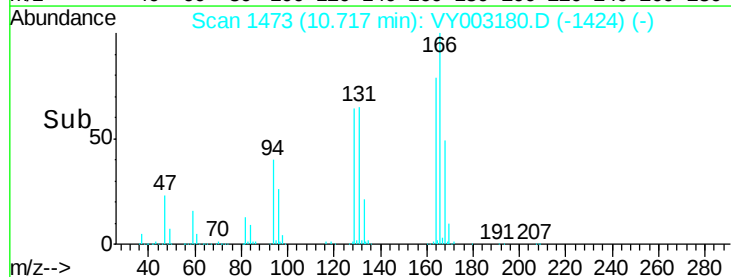
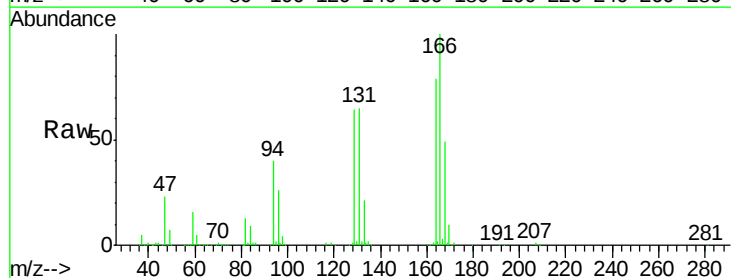
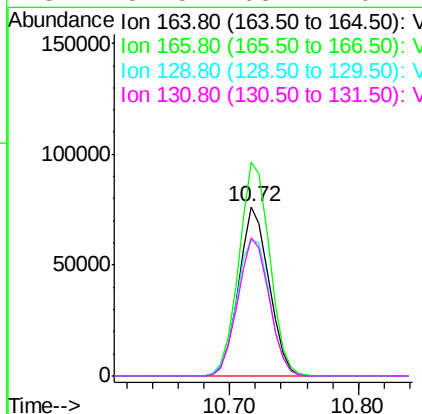
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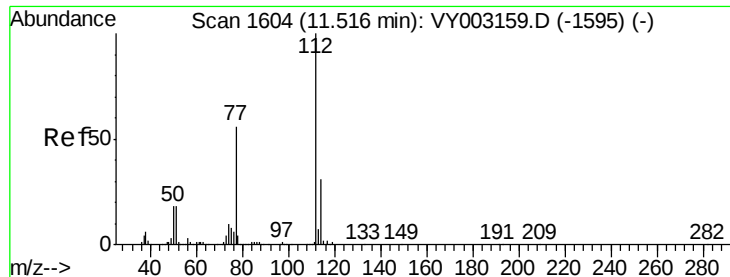
MMDadoda
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#64
Tetrachloroethene
Concen: 20.606 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124154		
166	126.4	102.9	154.3	
129	80.3	71.4	107.2	
131	81.5	68.1	102.1	





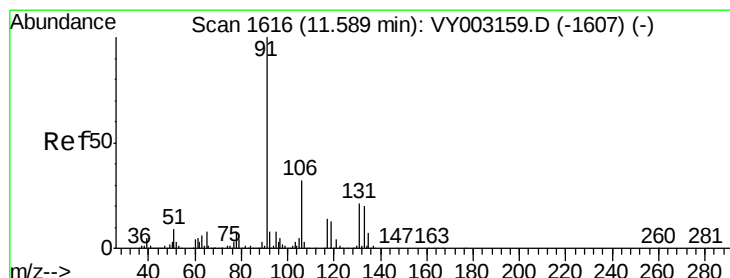
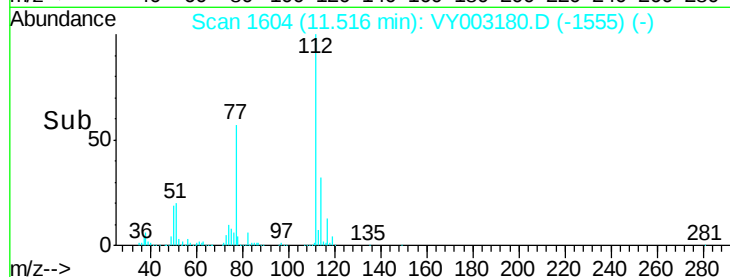
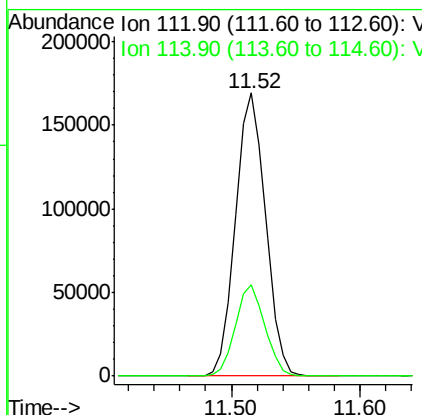
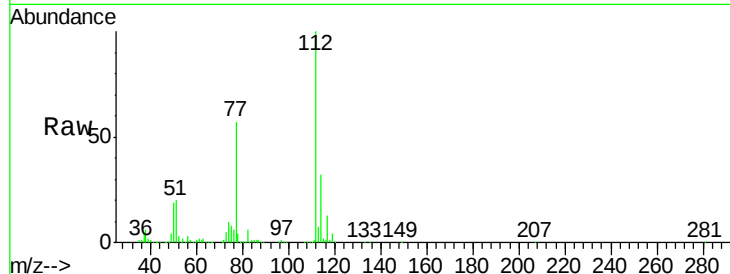
#65
Chlorobenzene
Concen: 21.067 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	24.7	37.1

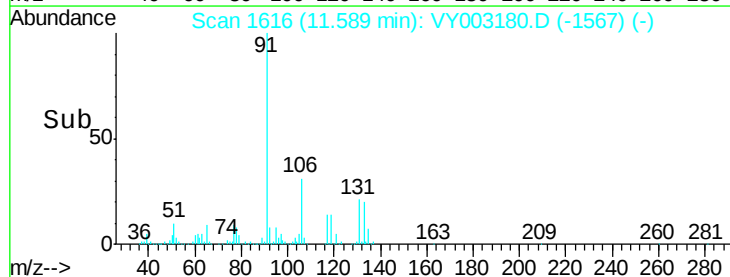
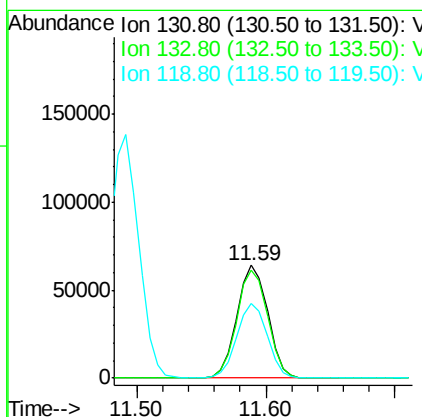
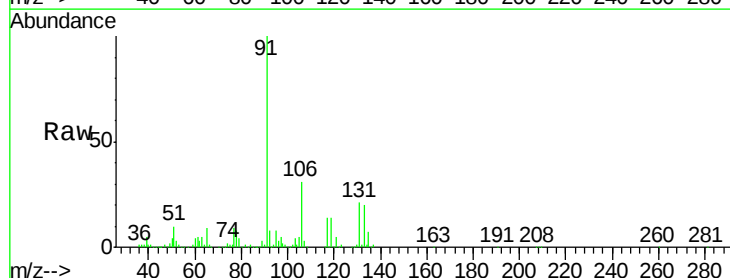
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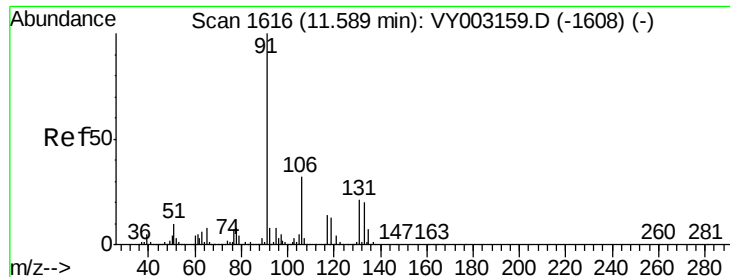
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.969 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.0	144.0
119	65.5	32.4	97.0





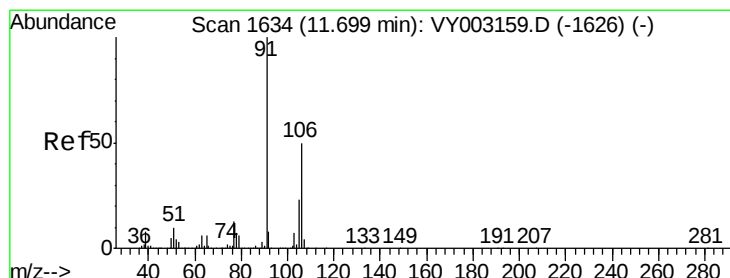
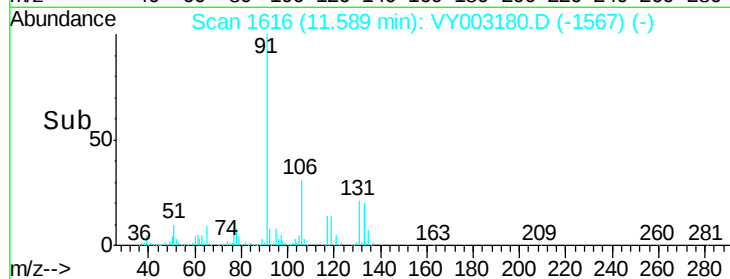
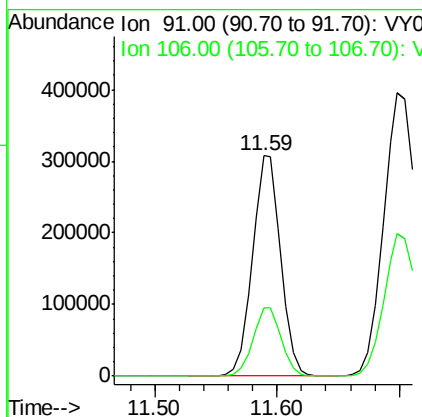
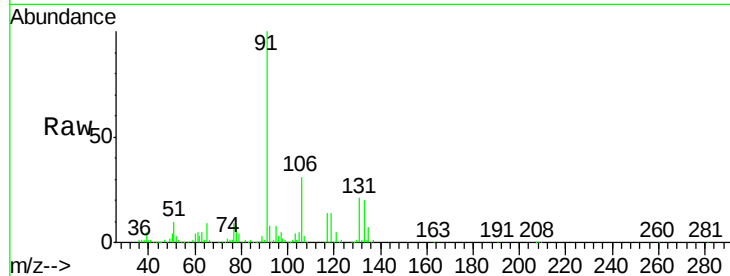
#67
Ethyl Benzene
Concen: 21.204 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.5	38.3

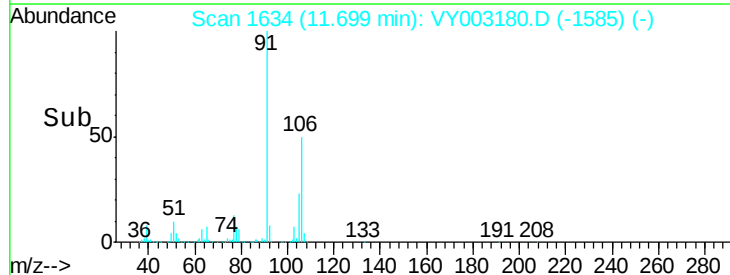
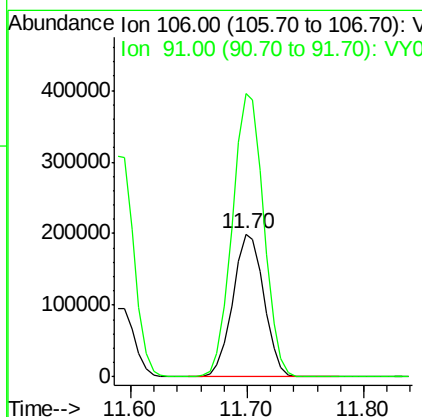
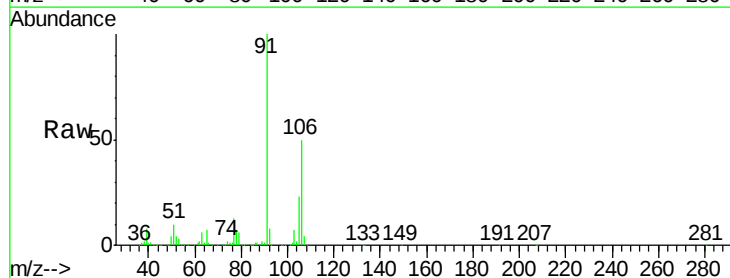
Manual Integrations
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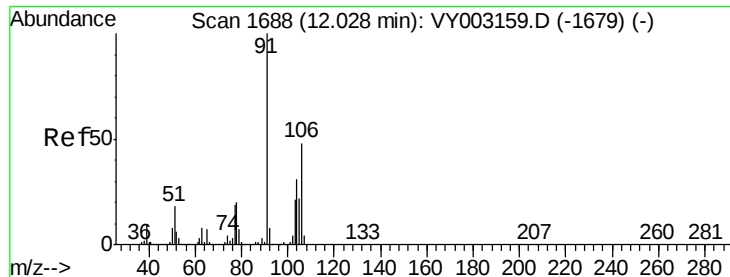
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#68
m/p-Xylenes
Concen: 41.942 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.6	159.0	238.6





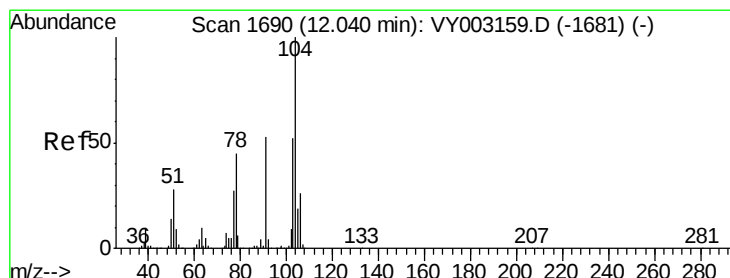
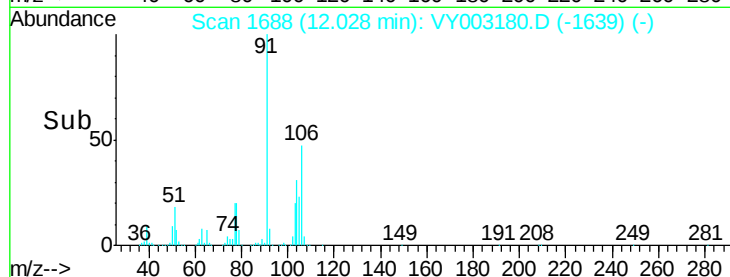
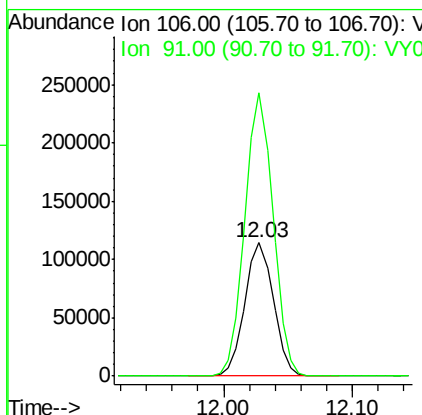
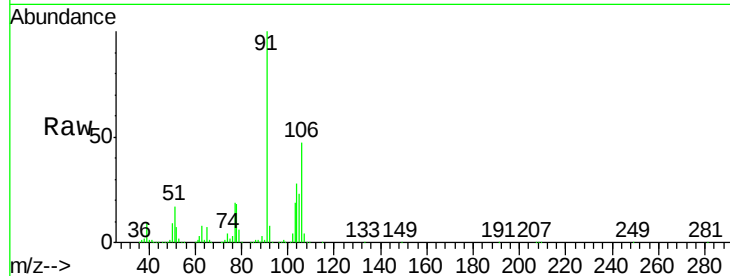
#69
o-Xylene
Concen: 21.317 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.6	105.1	315.1	

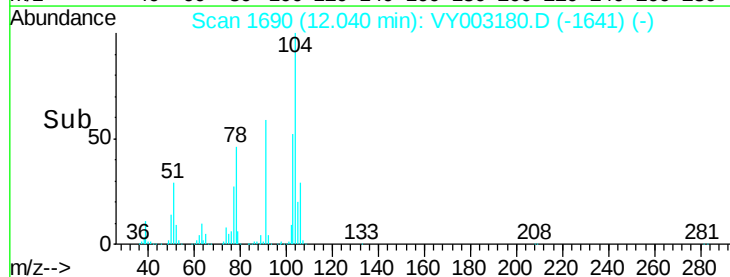
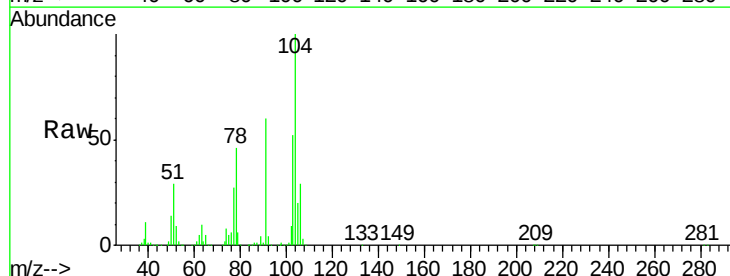
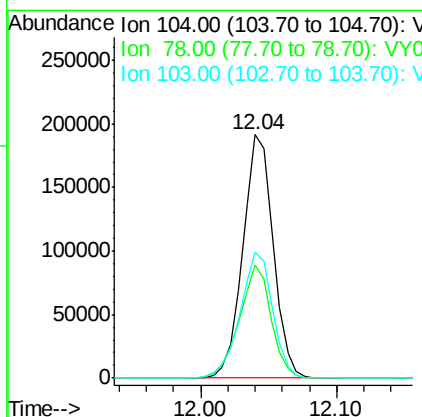
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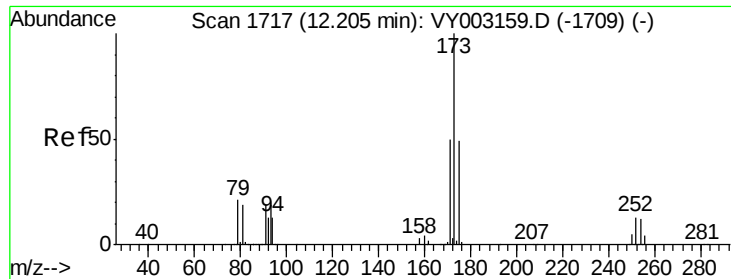
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#70
Styrene
Concen: 21.190 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	48.5	38.5	57.7	
103	55.3	43.9	65.9	





#71

Bromoform

Concen: 20.987 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

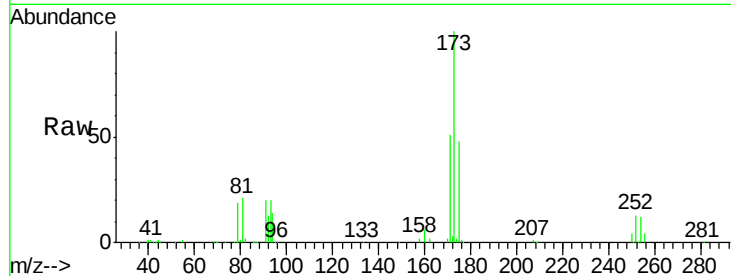
ClientSampleId :

VY0713SBS01

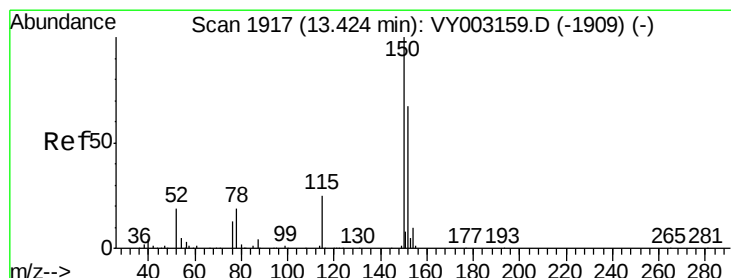
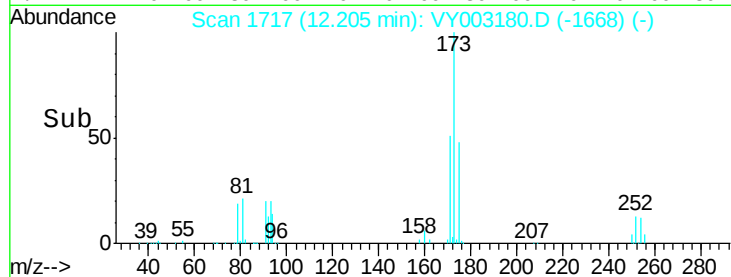
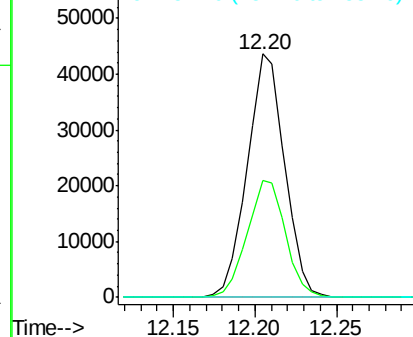
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	73.0
254	0.0	0.2	0.2

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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

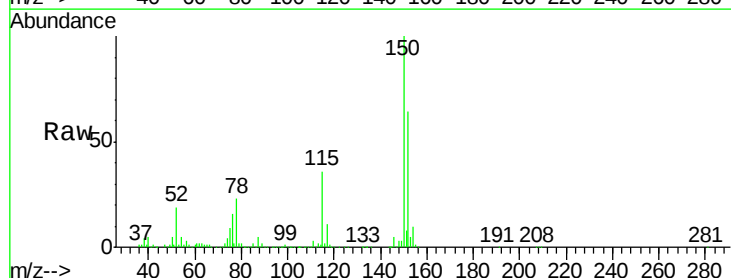
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

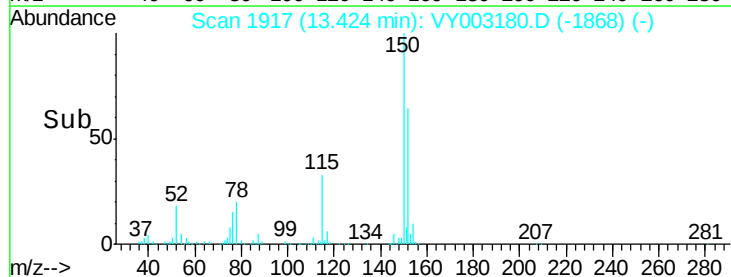
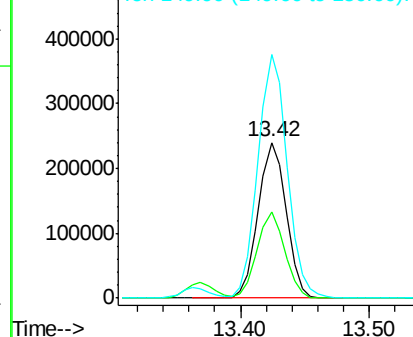
Lab File: VY003180.D

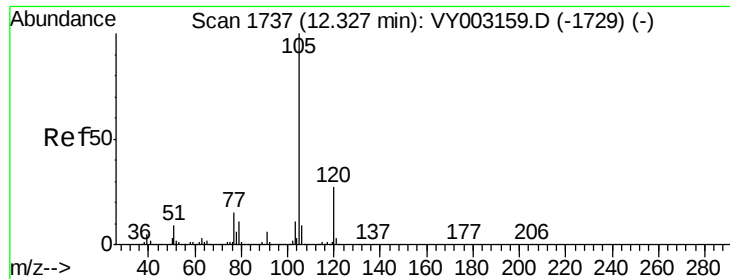
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.9	80.7
150	163.9	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: 21.088 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion:105 Resp: 482203

Ion Ratio Lower Upper

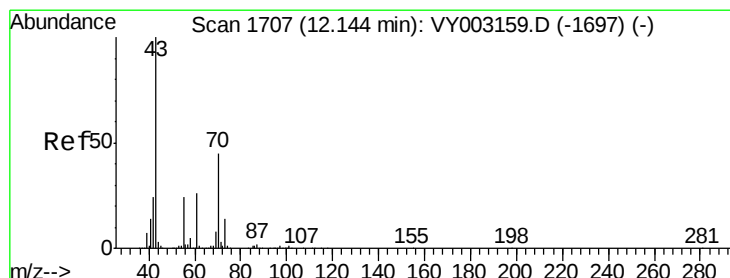
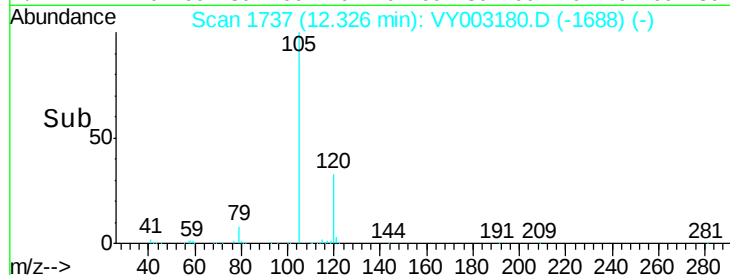
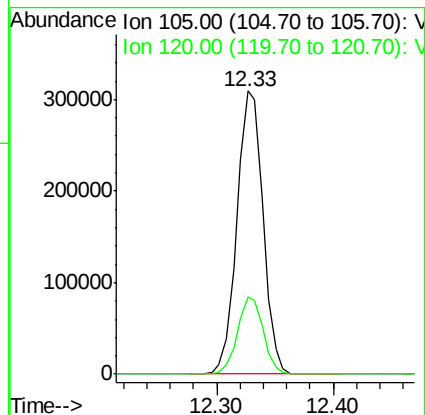
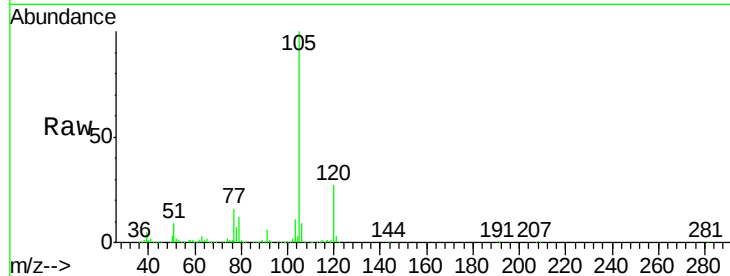
105 100

120 26.8 13.4 40.2

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#74

N-ethyl acetate

Concen: 21.168 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Tgt Ion: 43 Resp: 135813

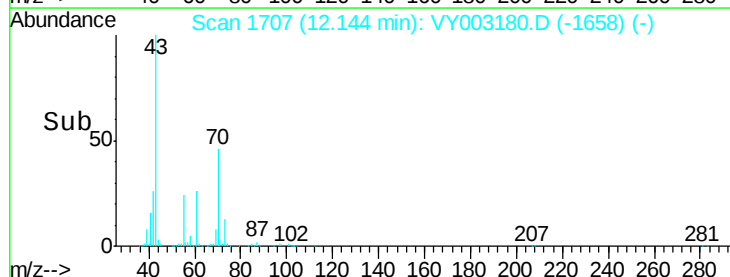
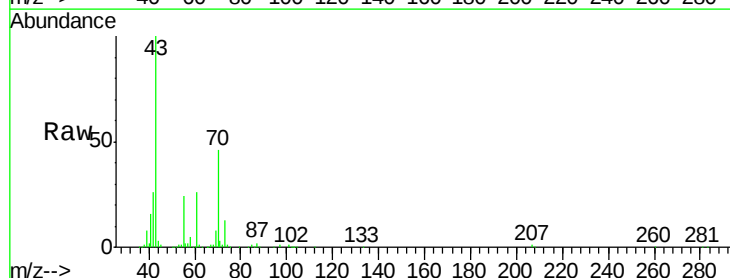
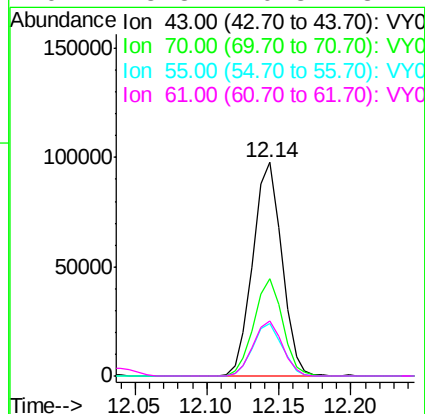
Ion Ratio Lower Upper

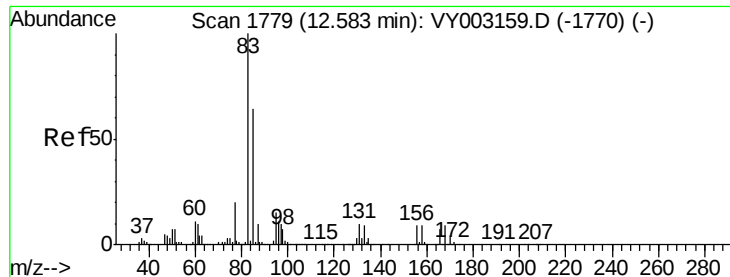
43 100

70 45.2 35.6 53.4

55 25.0 19.4 29.2

61 25.8 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.057 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

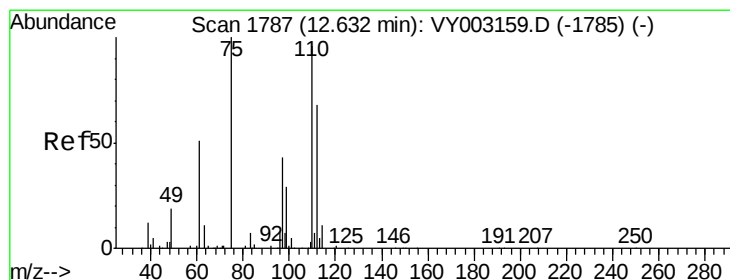
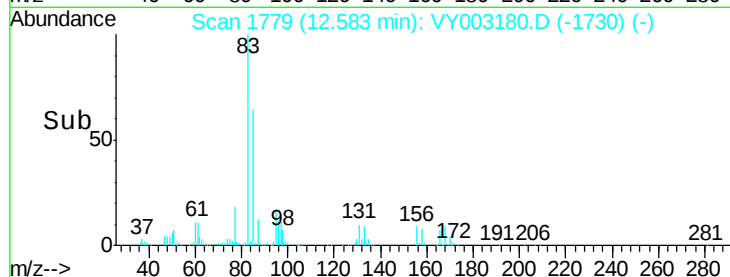
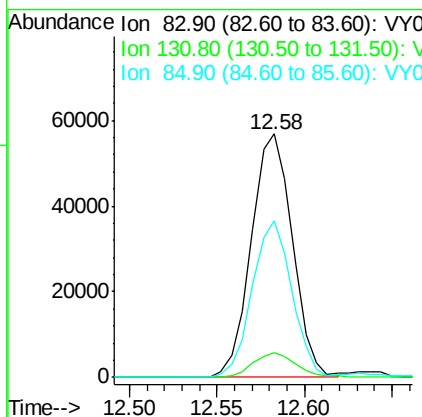
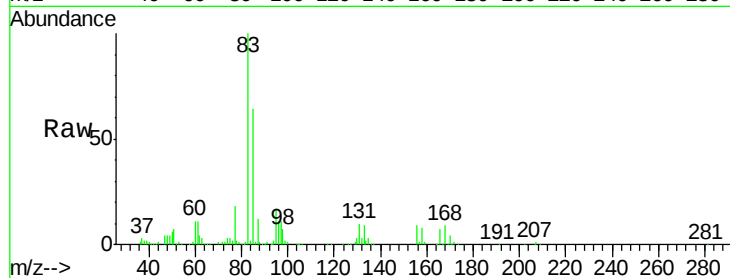
ClientSampleId :

VY0713SBS01

Tot Ion:	83	Resp:	92994
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.2	15.6
85	62.6	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 20.900 ug/l m

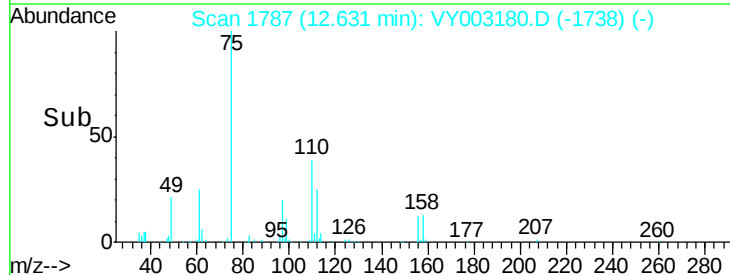
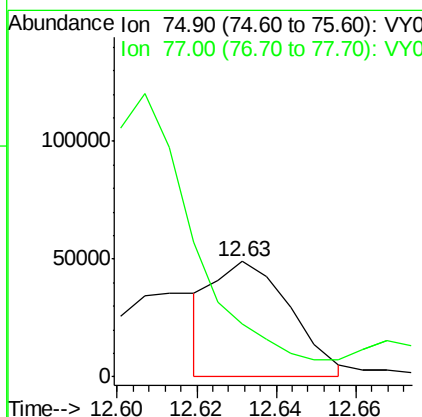
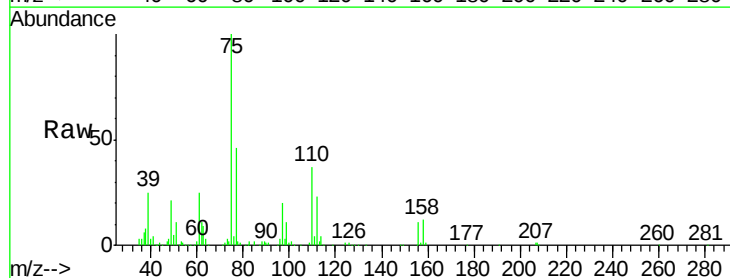
RT: 12.63 min Scan# 1787

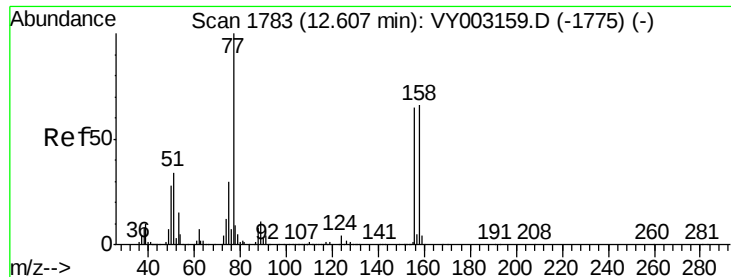
Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Tgt Ion:	75	Resp:	66382
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.291 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

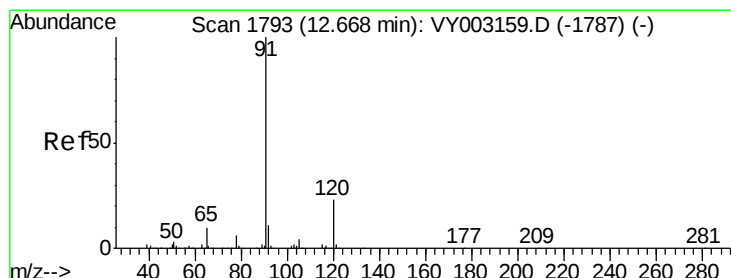
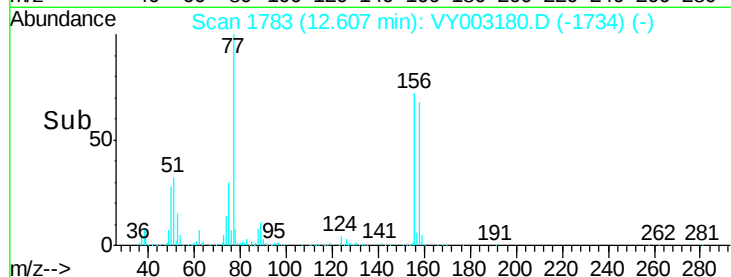
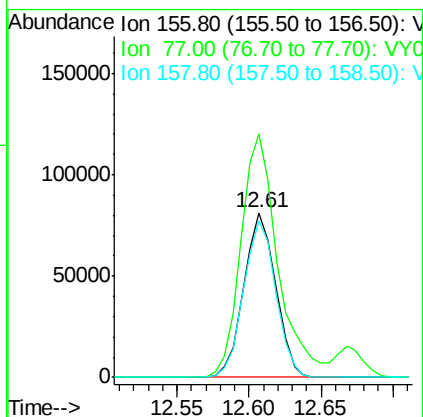
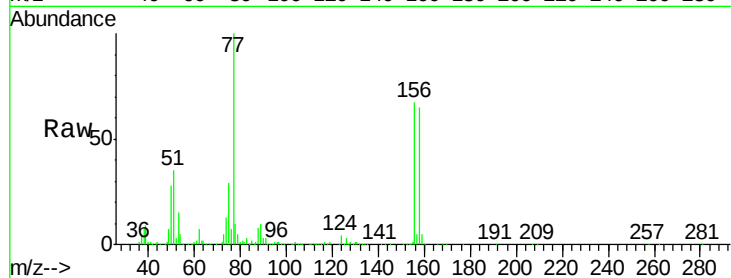
ClientSampleId :

VY0713SBS01

Tot Ion:	156	Resp:	124098
Ion Ratio	Lower	Upper	
156	100		
77	171.1	86.6	259.7
158	96.4	49.4	148.0

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#78

n-propylbenzene

Concen: 21.368 ug/l

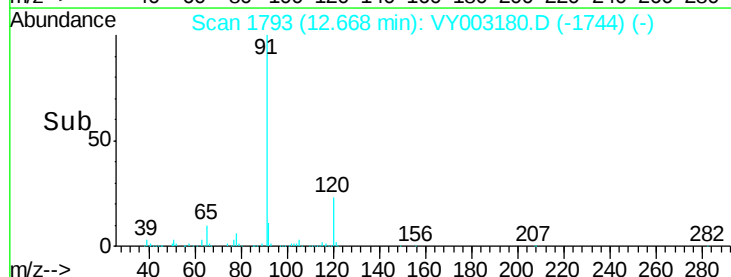
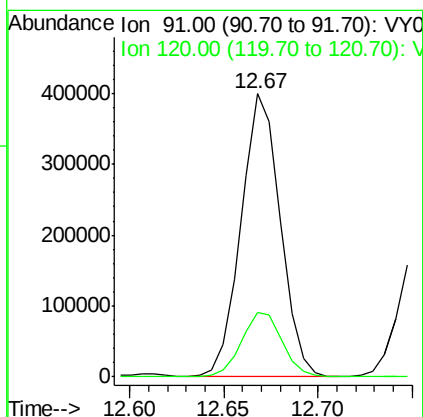
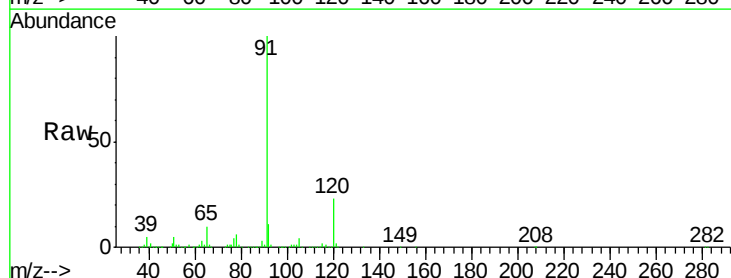
RT: 12.67 min Scan# 1793

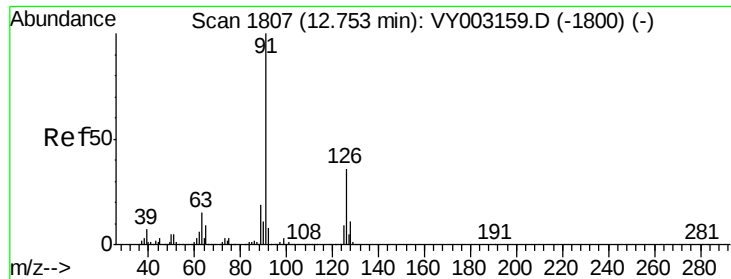
Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Tgt Ion:	91	Resp:	575951
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.1





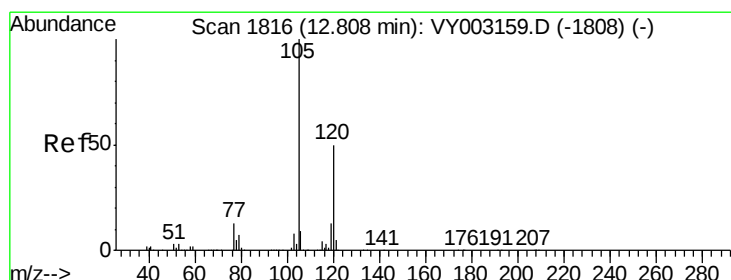
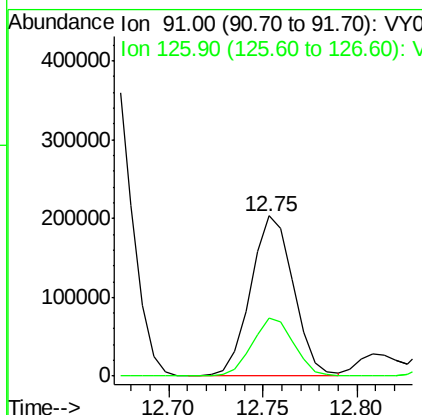
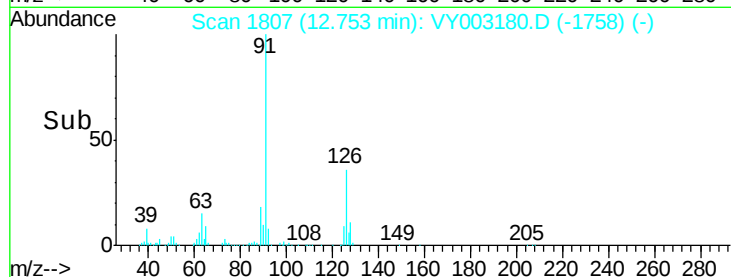
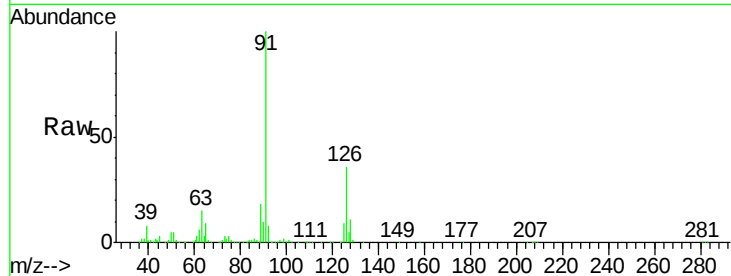
#79
 2-Chlorotoluene
 Concen: 21.280 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion: 91 Resp: 320022
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.6 52.9

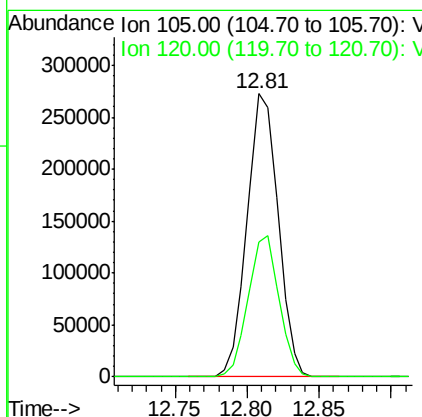
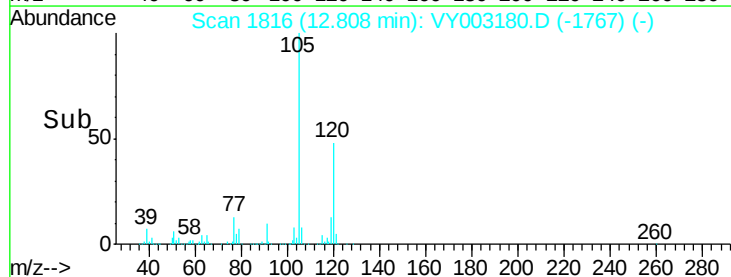
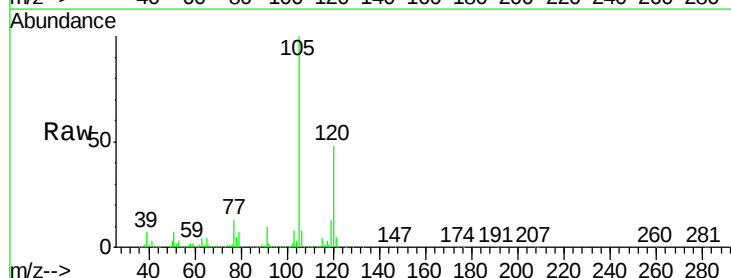
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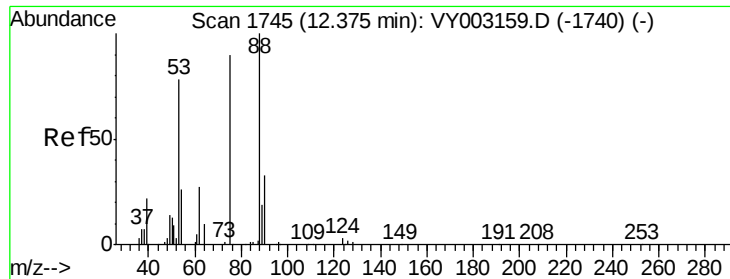
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.422 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion: 105 Resp: 408268
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.450 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

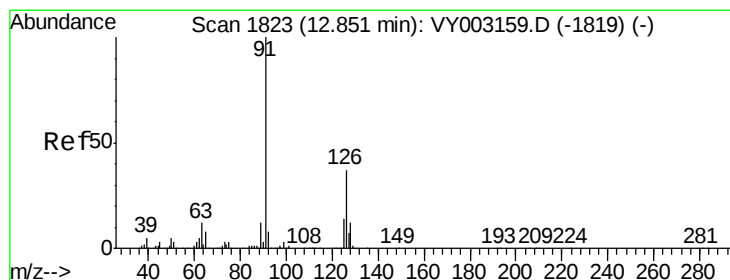
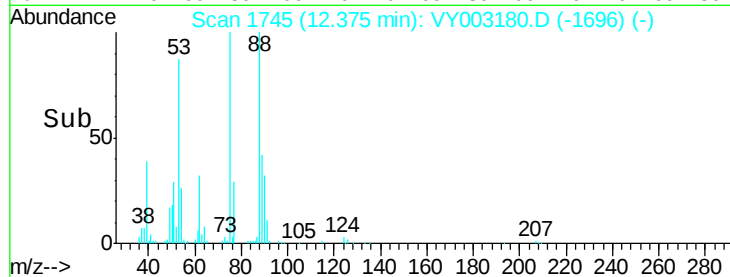
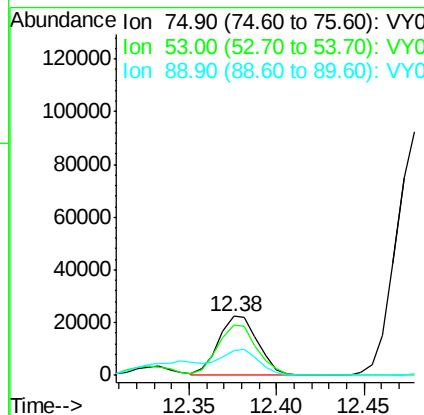
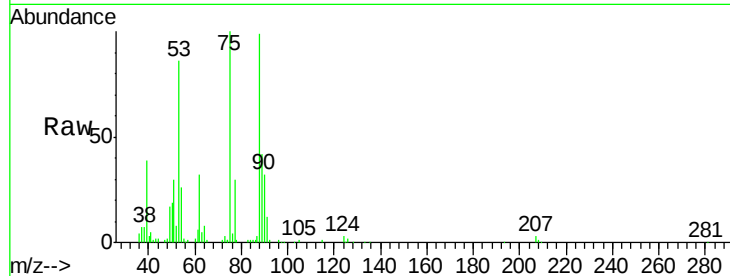
ClientSampleId :

VY0713SBS01

Tot Ion:	75	Resp:	35006
Ion	Ratio	Lower	Upper
75	100		
53	85.7	72.0	108.0
89	44.3	37.3	55.9

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#82

4-Chlorotoluene

Concen: 21.409 ug/l

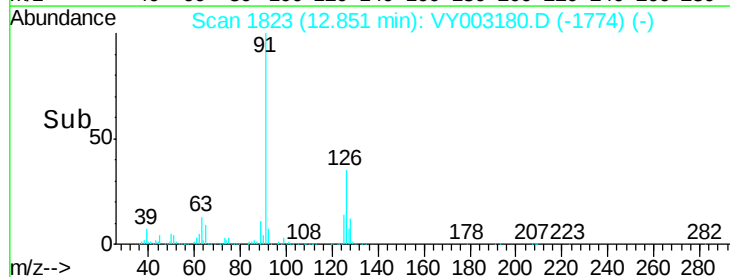
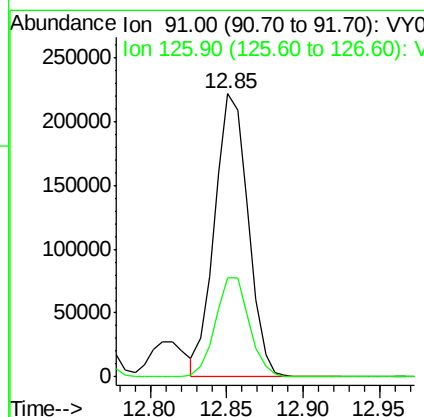
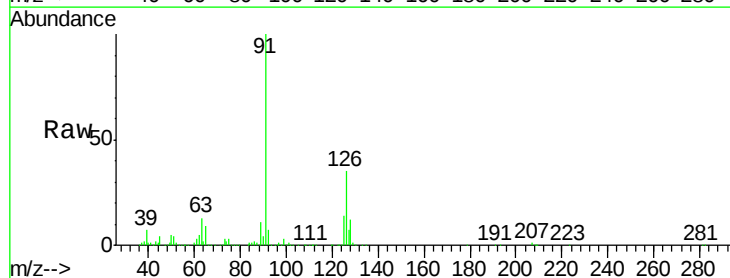
RT: 12.85 min Scan# 1823

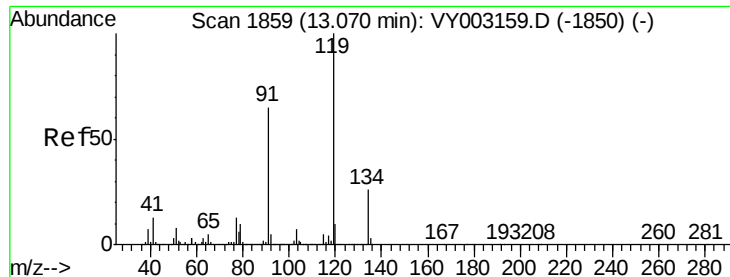
Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Tgt Ion:	91	Resp:	336051
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.9	53.7





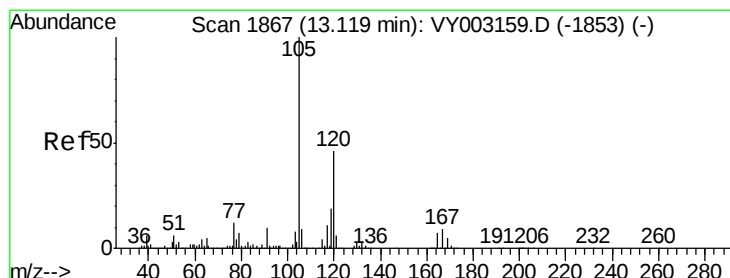
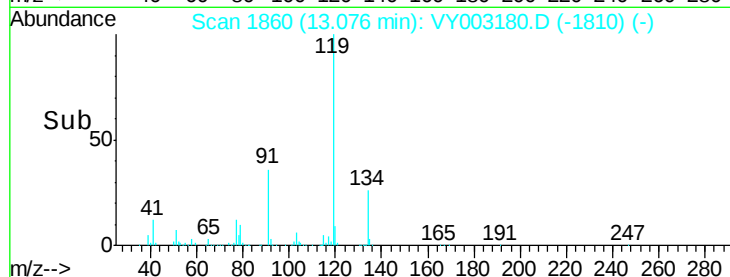
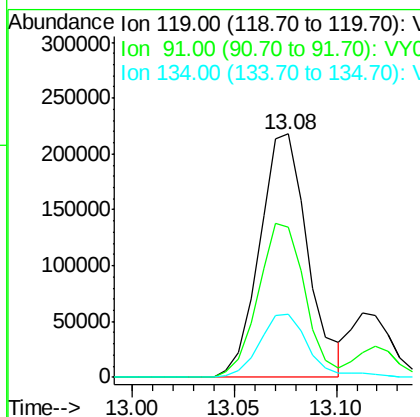
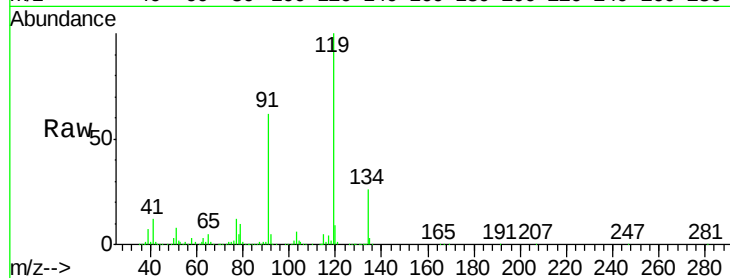
#83
tert-Butylbenzene
Concen: 21.319 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.8	92.4
134	26.8	13.2	39.6

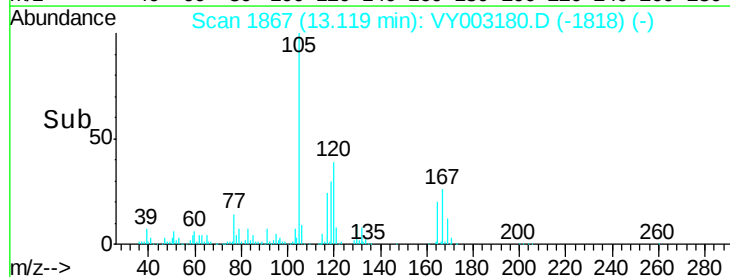
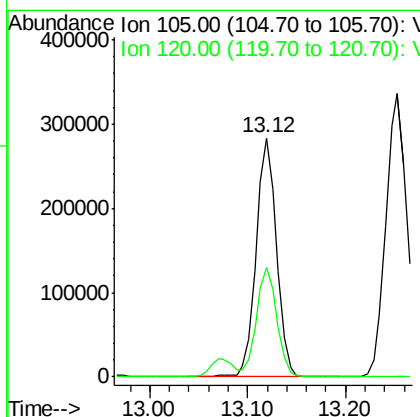
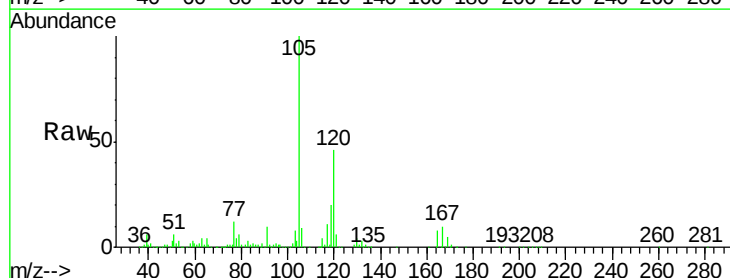
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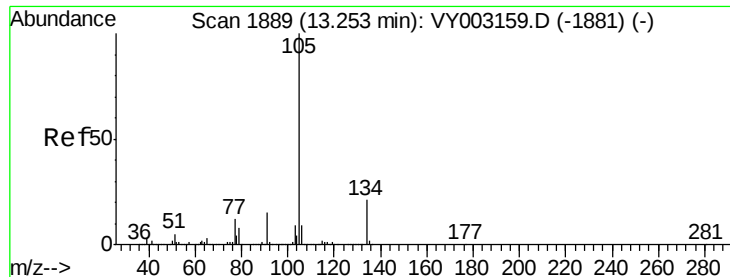
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#84
1,2,4-Trimethylbenzene
Concen: 21.323 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.5	67.5





#85

sec-Butylbenzene

Concen: 21.505 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion:105 Resp: 497035

Ion Ratio Lower Upper

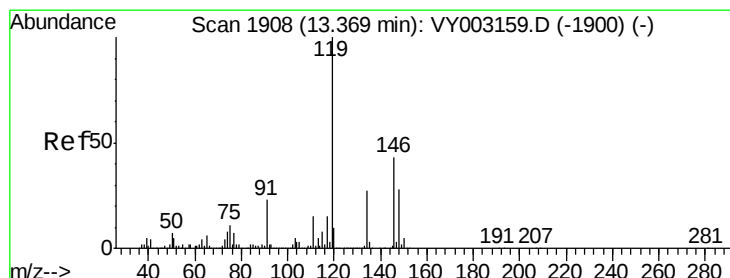
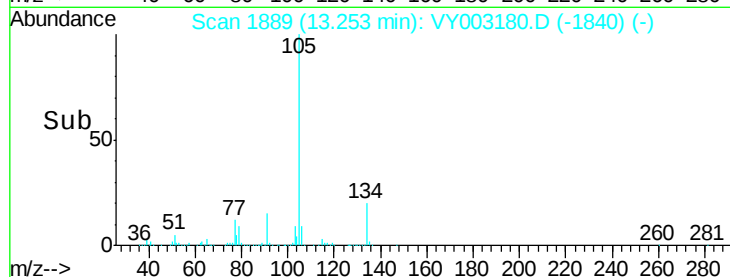
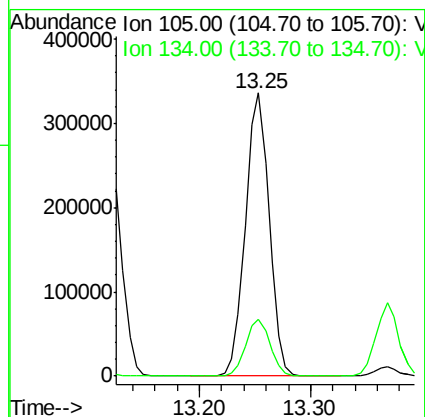
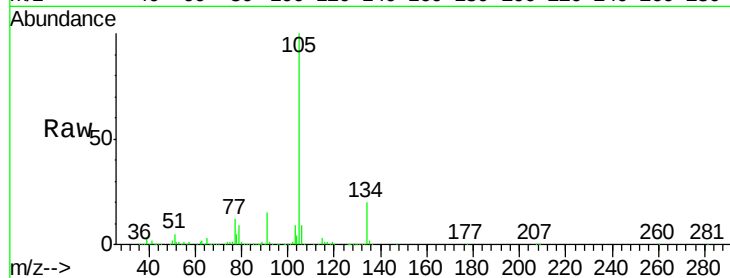
105 100

134 20.6 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 20.929 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

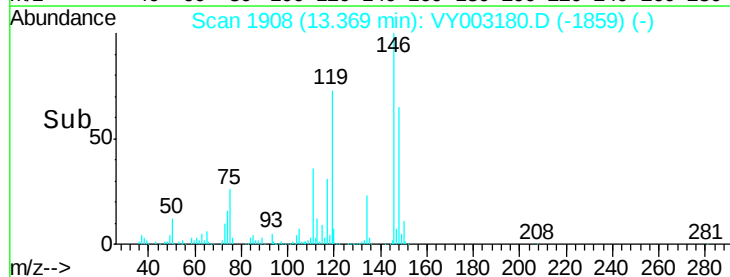
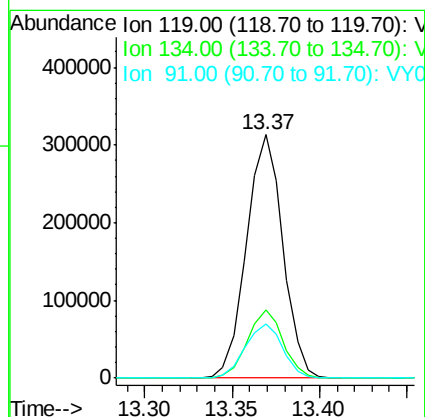
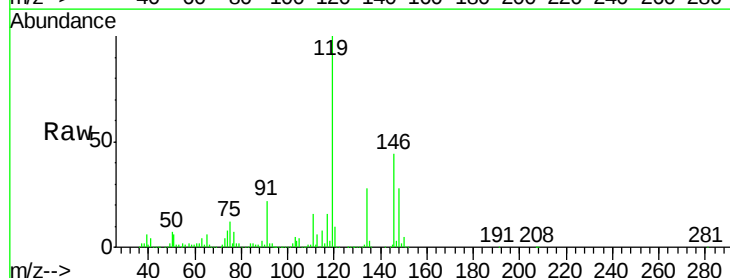
Tgt Ion:119 Resp: 451651

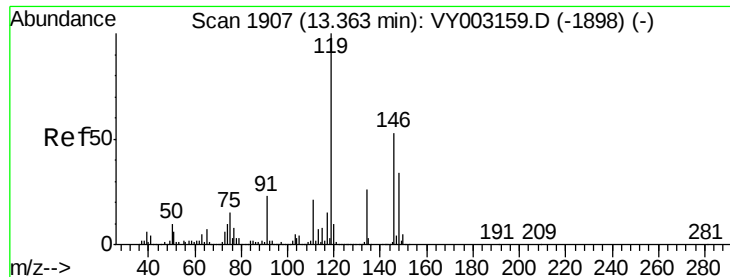
Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 22.8 11.2 33.6





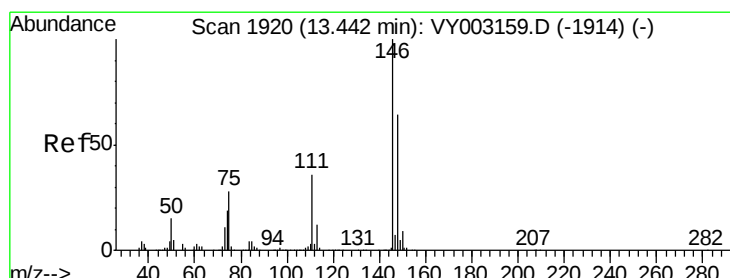
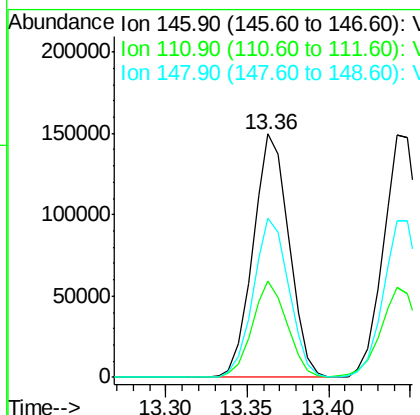
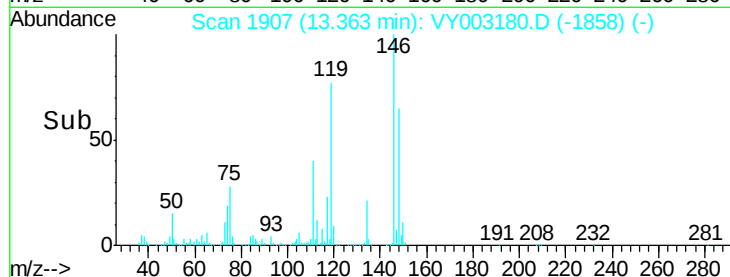
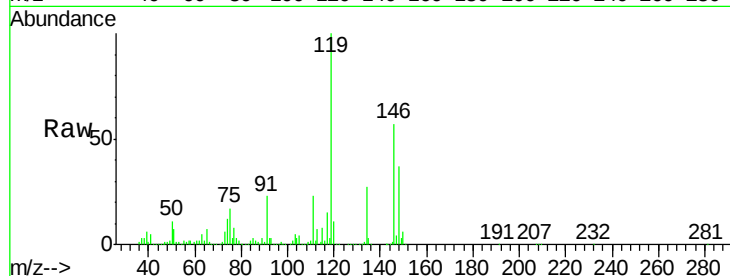
#87
 1,3-Dichlorobenzene
 Concen: 20.749 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	228707		
111	38.4	18.8	56.3	
148	65.0	32.3	96.9	

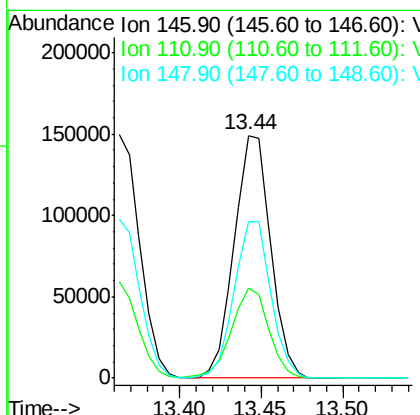
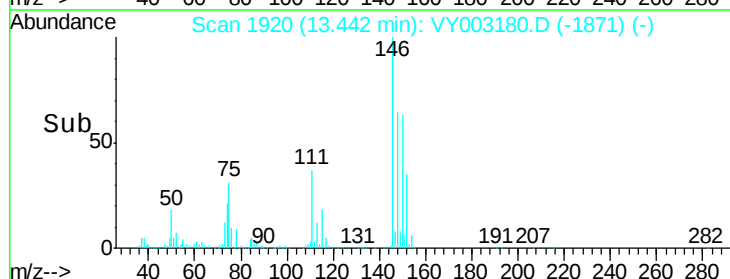
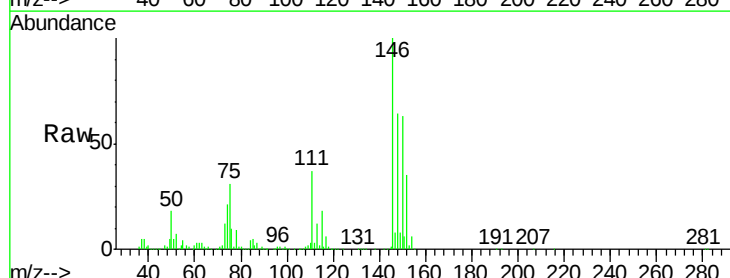
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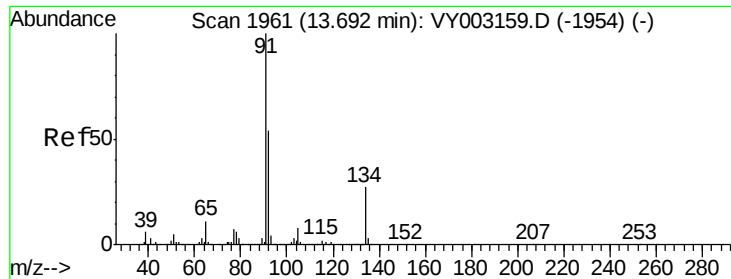
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#88
 1,4-Dichlorobenzene
 Concen: 21.350 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	232981		
111	37.9	18.4	55.0	
148	64.8	32.0	96.0	





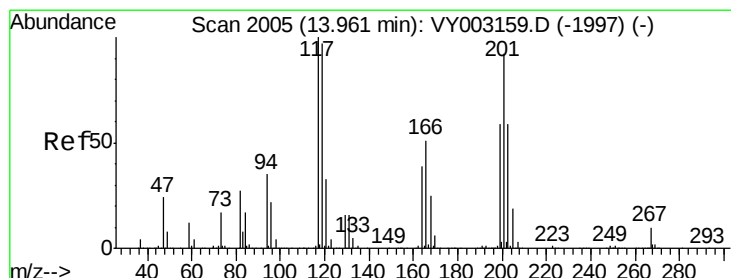
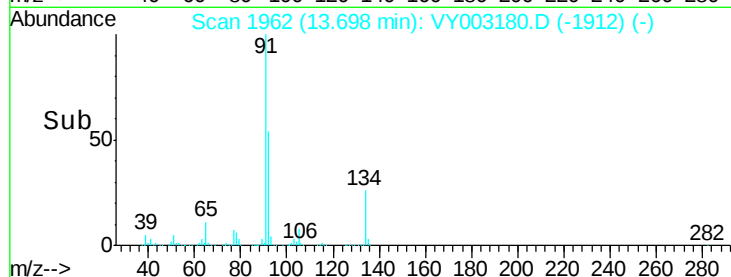
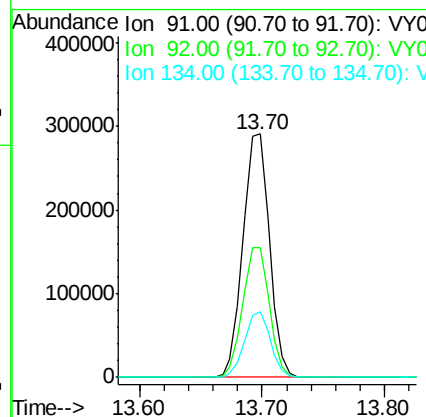
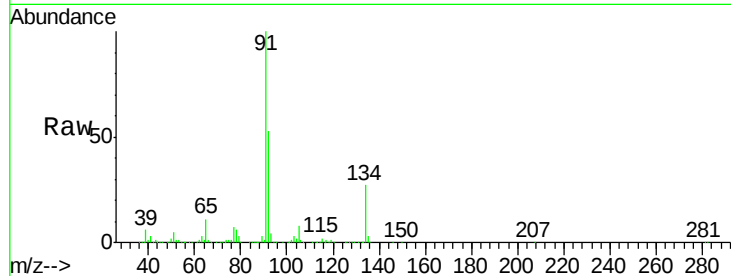
#89
n-Butylbenzene
Concen: 21.455 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	26.4	13.6	40.7

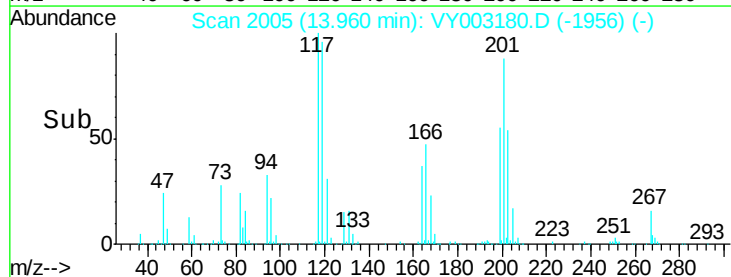
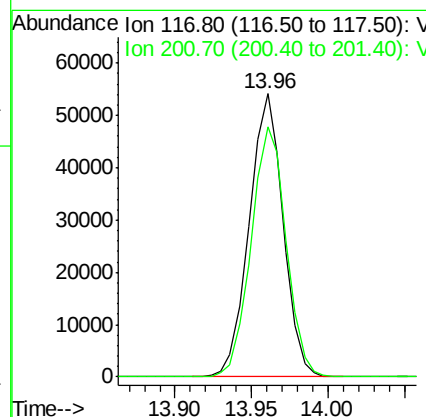
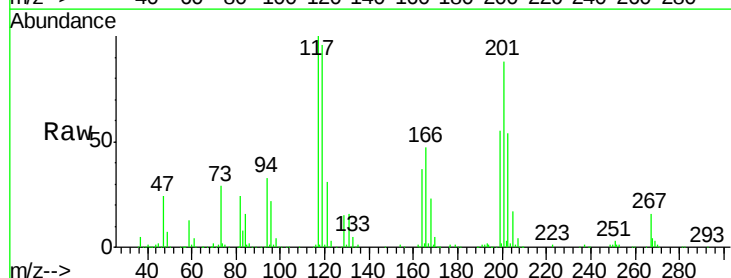
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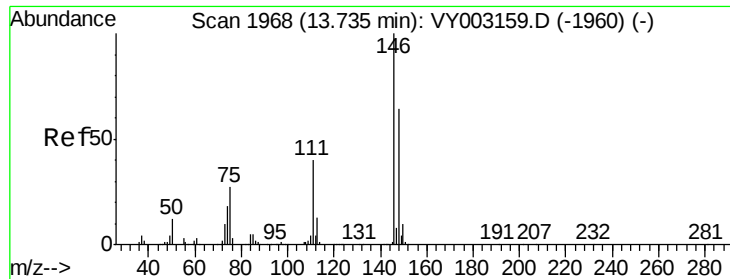
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#90
Hexachloroethane
Concen: 21.207 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.0	45.1	135.3





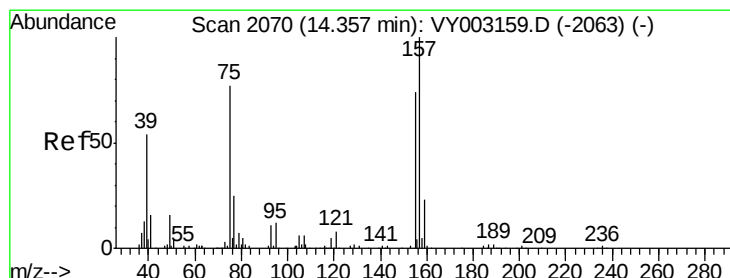
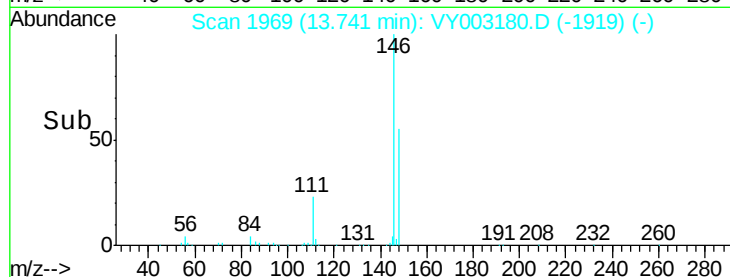
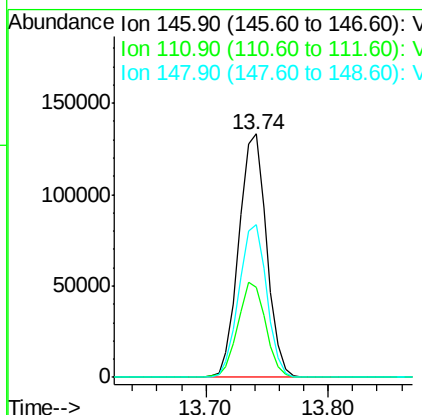
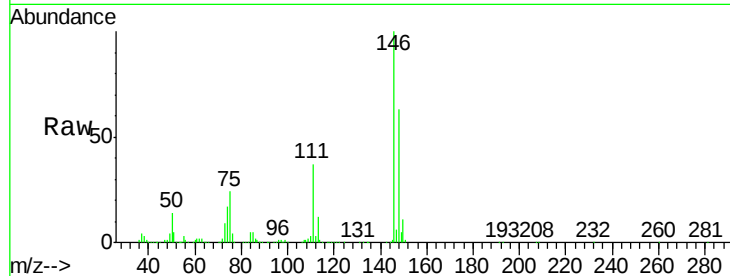
#91
 1,2-Dichlorobenzene
 Concen: 21.597 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	63.3	32.4	97.0

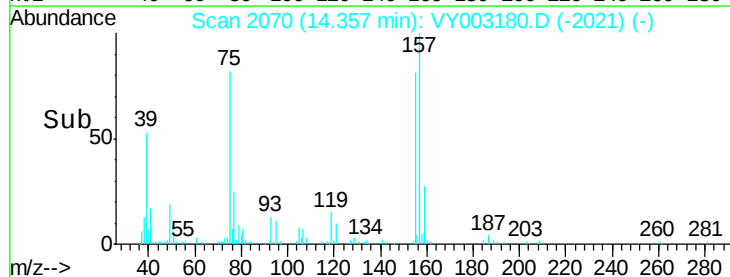
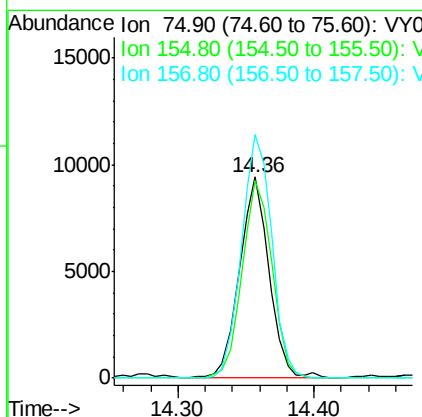
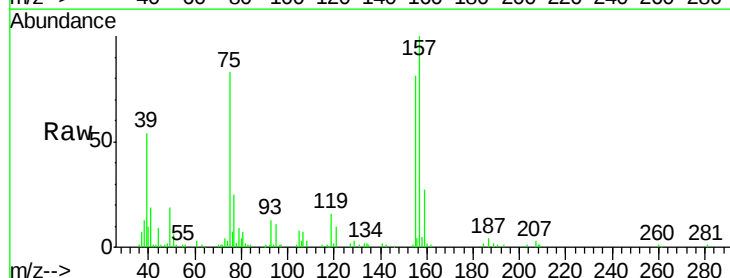
Manual Integrations
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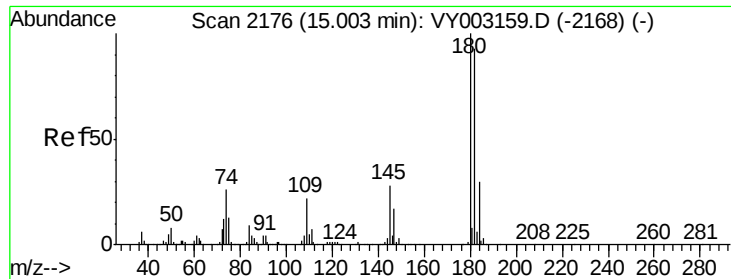
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.056 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	48.1	144.3
157	123.3	61.9	185.6





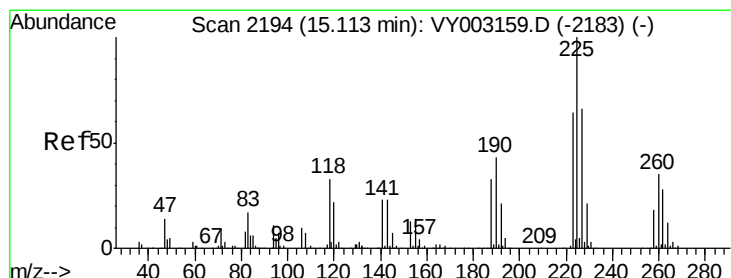
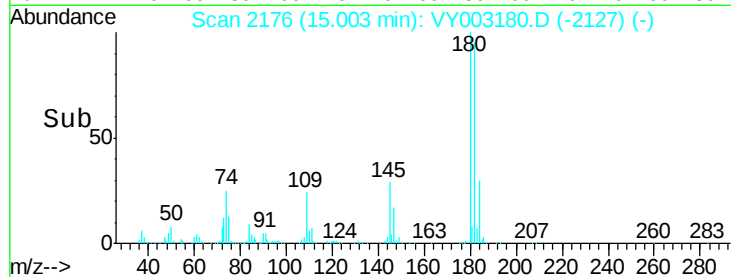
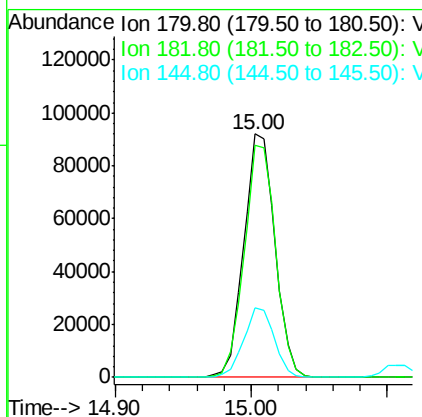
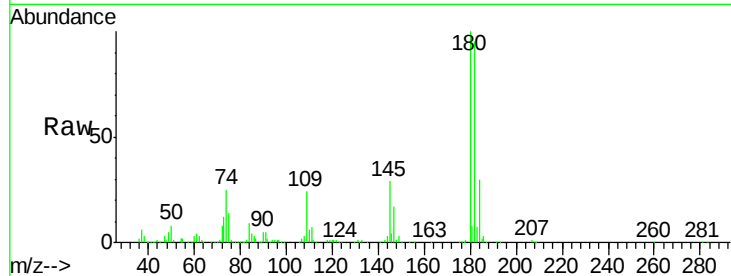
#93
 1,2,4-Trichlorobenzene
 Concen: 21.363 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147008		
182	96.2	47.3	142.0	
145	28.3	13.7	41.1	

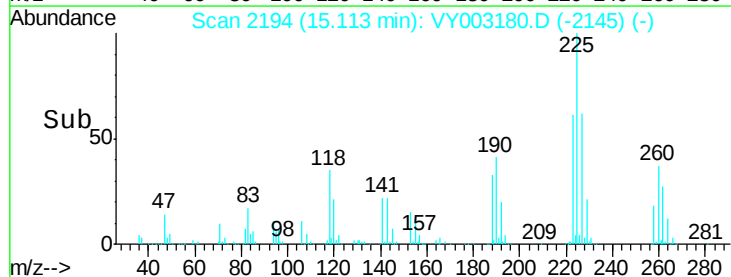
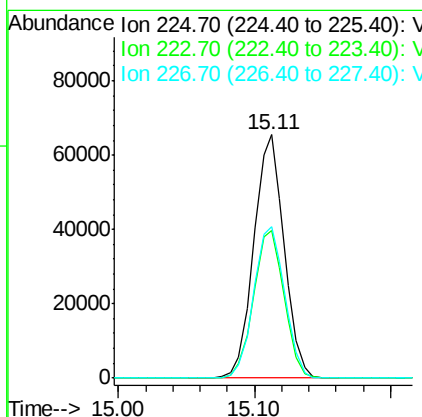
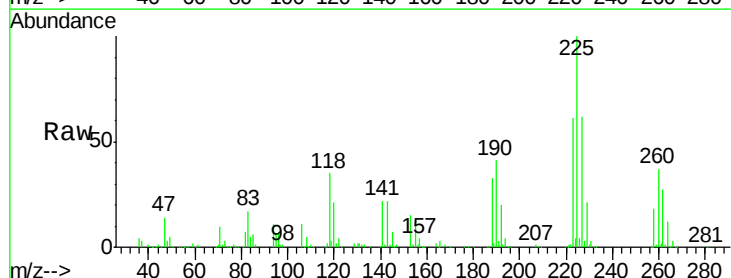
Manual Integrations
 APPROVED

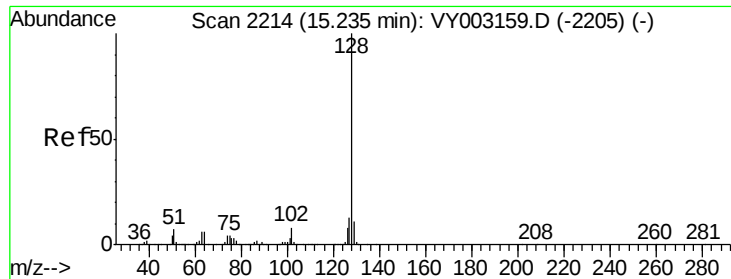
MMDadoda
 7/14/2020 11:37:18 AM



#94
 Hexachlorobutadiene
 Concen: 21.665 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102156		
223	61.5	31.6	94.7	
227	63.7	32.3	96.8	





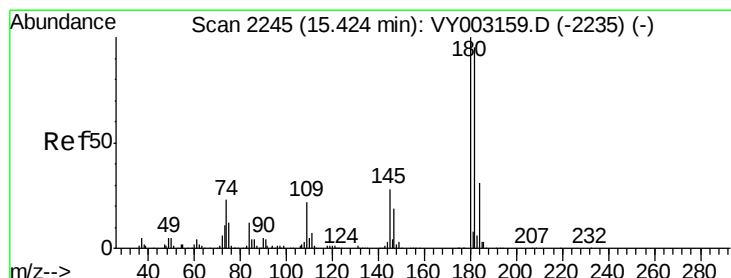
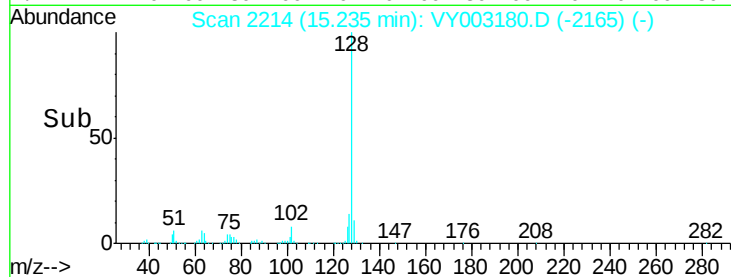
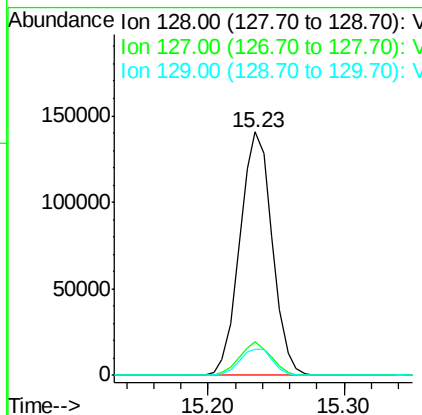
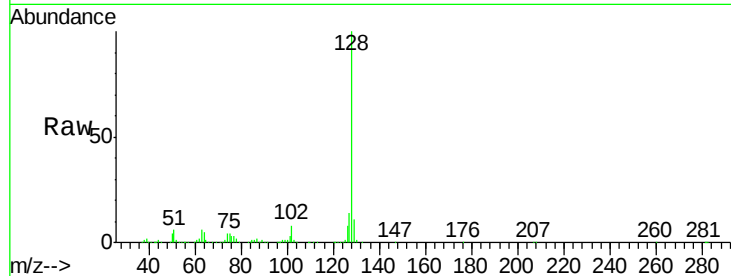
#95
Naphthalene
Concen: 20.503 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.9	16.3
129	11.2	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/14/2020 11:37:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.652 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.8	146.3
145	29.9	14.9	44.5

