

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071320\
 Data File : VY003177.D
 Acq On : 13 Jul 2020 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 04:01:17 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	561736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	808230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	734709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	381502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	219910	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	7.72	113	216467	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.18	98	789843	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
62) 4-Bromofluorobenzene	12.49	95	285215	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	179185	44.505	ug/l	99
3) Chloromethane	2.12	50	271204	48.563	ug/l	98
4) Vinyl Chloride	2.26	62	269556	47.044	ug/l	98
5) Bromomethane	2.65	94	193864	45.551	ug/l	97
6) Chloroethane	2.80	64	176728	46.959	ug/l	95
7) Trichlorofluoromethane	3.13	101	394780	48.245	ug/l	100
8) Diethyl Ether	3.54	74	131628	48.004	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	240862	48.737	ug/l	99
10) Methyl Iodide	4.10	142	261751	48.751	ug/l	99
11) Tert butyl alcohol	4.97	59	113761	221.895	ug/l	99
12) 1,1-Dichloroethene	3.88	96	229717	49.144	ug/l	100
13) Acrolein	3.74	56	140783	316.372	ug/l	99
14) Allyl chloride	4.49	41	352351	50.800	ug/l	100
15) Acrylonitrile	5.17	53	322000	244.465	ug/l	100
16) Acetone	3.95	43	279971	264.360	ug/l	97
17) Carbon Disulfide	4.20	76	713759	49.761	ug/l	99
18) Methyl Acetate	4.48	43	143346	48.739	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	648113	49.476	ug/l	98
20) Methylene Chloride	4.72	84	248364	46.192	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	259666	49.114	ug/l	94
22) Diisopropyl ether	6.13	45	775968	50.408	ug/l	98
23) Vinyl Acetate	6.07	43	2588351	252.271	ug/l	99
24) 1,1-Dichloroethane	6.03	63	443924	49.777	ug/l	100
25) 2-Butanone	6.99	43	427501	245.850	ug/l	99
26) 2,2-Dichloropropane	6.99	77	415669	51.754	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	290932	49.979	ug/l	99
28) Bromochloromethane	7.34	49	185931	48.154	ug/l	100
29) Tetrahydrofuran	7.35	42	281356	240.858	ug/l	99
30) Chloroform	7.51	83	454581	49.490	ug/l	99
31) Cyclohexane	7.79	56	417704	48.436	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	413931	50.058	ug/l	99
36) 1,1-Dichloropropene	7.92	75	364935	49.819	ug/l	100
37) Ethyl Acetate	7.08	43	197470	50.058	ug/l	98
38) Carbon Tetrachloride	7.91	117	382214	50.542	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	456881	49.650	ug/l	98
40) Benzene	8.16	78	1002837	49.719	ug/l	98
41) Methacrylonitrile	7.33	41	124726m	52.497	ug/l	
42) 1,2-Dichloroethane	8.24	62	305886	49.261	ug/l	99
43) Isopropyl Acetate	8.28	43	374881	49.095	ug/l	99
44) Trichloroethene	8.94	130	306245	49.529	ug/l	94
45) 1,2-Dichloropropane	9.22	63	257285	49.297	ug/l	100
46) Dibromomethane	9.31	93	150680	49.431	ug/l	98
47) Bromodichloromethane	9.50	83	364268	50.245	ug/l	99
48) Methyl methacrylate	9.29	41	171967	50.376	ug/l	99
49) 1,4-Dioxane	9.30	88	37507	969.488	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	980479	247.043	ug/l	100
52) Toluene	10.24	92	643425	49.909	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	385544	51.328	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	438620	50.681	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	211614	48.991	ug/l	99
56) Ethyl methacrylate	10.51	69	299798	51.051	ug/l	98
57) 1,3-Dichloropropane	10.79	76	360407	49.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	706315	235.833	ug/l	100
59) 2-Hexanone	10.83	43	698213	252.012	ug/l	100
60) Dibromochloromethane	10.99	129	271983	50.062	ug/l	100
61) 1,2-Dibromoethane	11.09	107	208017	48.794	ug/l	99
64) Tetrachloroethene	10.72	164	318538	48.625	ug/l	99
65) Chlorobenzene	11.52	112	712114	50.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	275128	50.049	ug/l	99
67) Ethyl Benzene	11.60	91	1277738	50.560	ug/l	98
68) m/p-Xylenes	11.70	106	970272	101.189	ug/l	100
69) o-Xylene	12.03	106	454321	50.717	ug/l	100
70) Styrene	12.05	104	776685	50.684	ug/l	99
71) Bromoform	12.21	173	183814	50.946	ug/l	99
73) Isopropylbenzene	12.33	105	1250454	51.434	ug/l	99
74) N-amyl acetate	12.14	43	355184	52.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	239947	51.102	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	184090m	54.514	ug/l	
77) Bromobenzene	12.61	156	317772	51.277	ug/l	99
78) n-propylbenzene	12.67	91	1485905	51.850	ug/l	100
79) 2-Chlorotoluene	12.76	91	824542	51.569	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1035997	51.128	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	91799	52.905	ug/l #	74
82) 4-Chlorotoluene	12.86	91	865162	51.841	ug/l	99
83) tert-Butylbenzene	13.08	119	928491	51.931	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1046326	51.321	ug/l	99
85) sec-Butylbenzene	13.25	105	1271753	51.752	ug/l	100
86) p-Isopropyltoluene	13.37	119	1191318	51.921	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	595875	50.846	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	587559	50.640	ug/l	100
89) n-Butylbenzene	13.70	91	1122835	52.026	ug/l	100
90) Hexachloroethane	13.96	117	222969	53.361	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	518485	50.415	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	35963	47.242	ug/l	99

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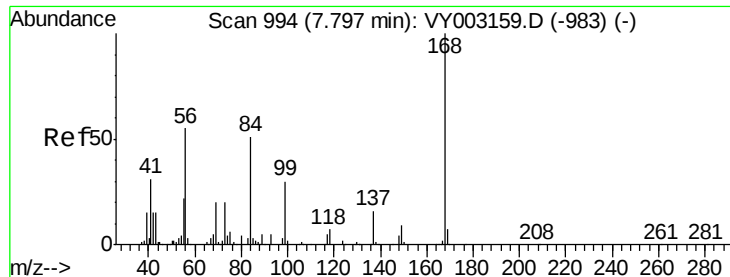
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	368410	50.354	ug/l	100
94) Hexachlorobutadiene	15.11	225	251350	50.137	ug/l	98
95) Naphthalene	15.23	128	578379	47.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	275067	47.560	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: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 561736

Ion Ratio Lower Upper

168 100

99 46.6

37.3

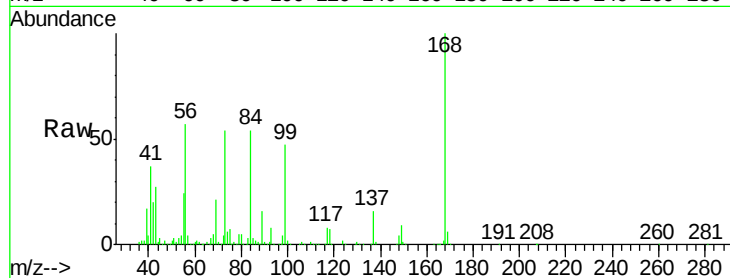
55.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

300000

250000

200000

150000

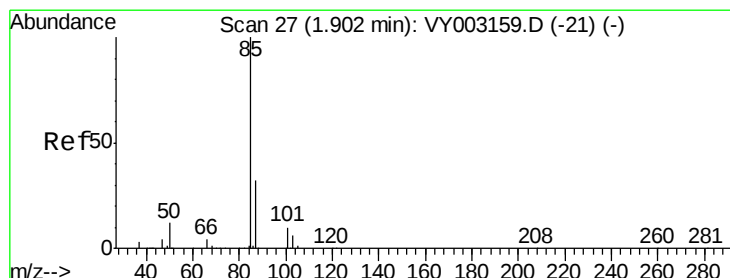
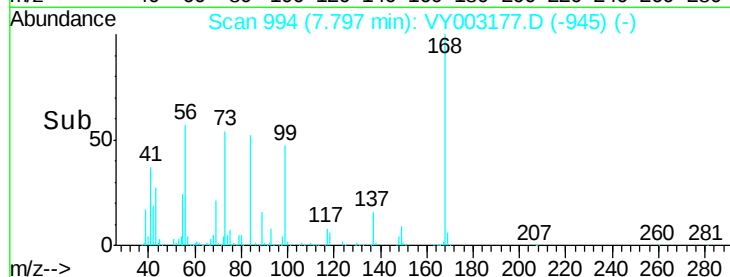
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.505 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion: 85 Resp: 179185

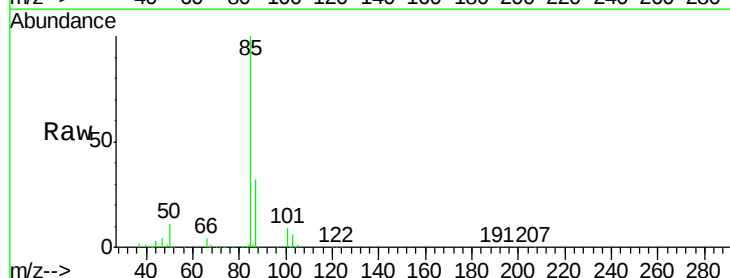
Ion Ratio Lower Upper

85 100

87 32.3

15.9

47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

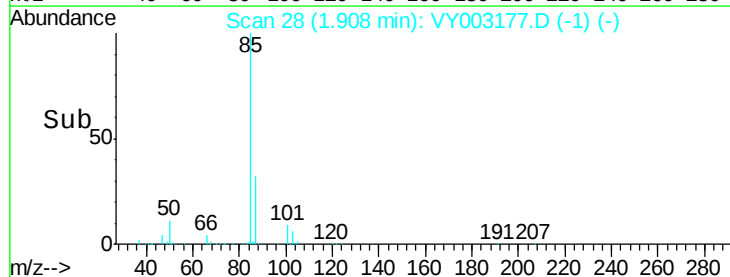
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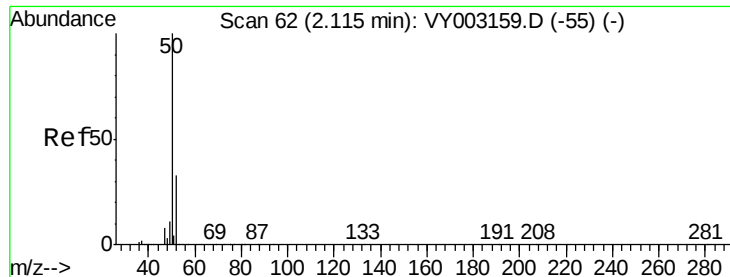
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.563 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 271204

Ion Ratio Lower Upper

50 100

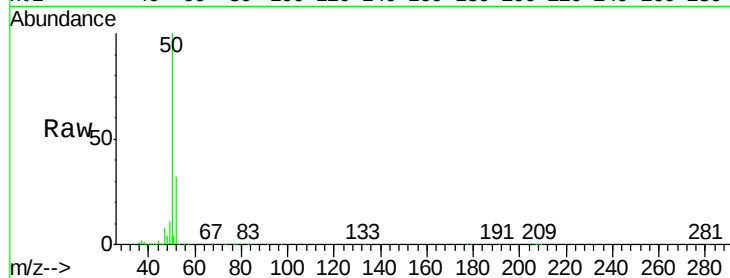
52 32.2 26.6 39.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

200000

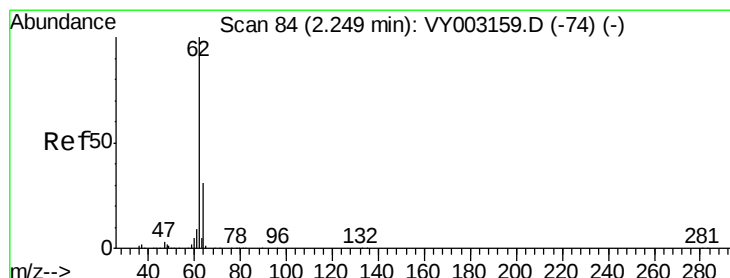
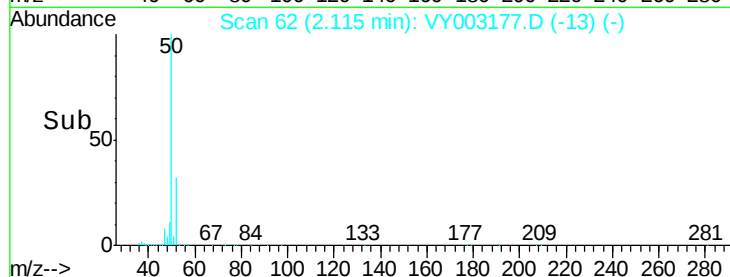
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.044 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003177.D

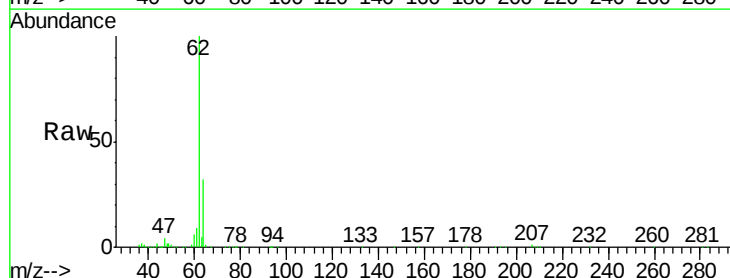
Acq: 13 Jul 2020 10:06

Tgt Ion: 62 Resp: 269556

Ion Ratio Lower Upper

62 100

64 31.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

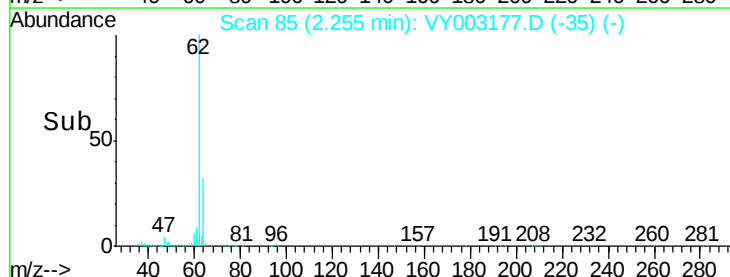
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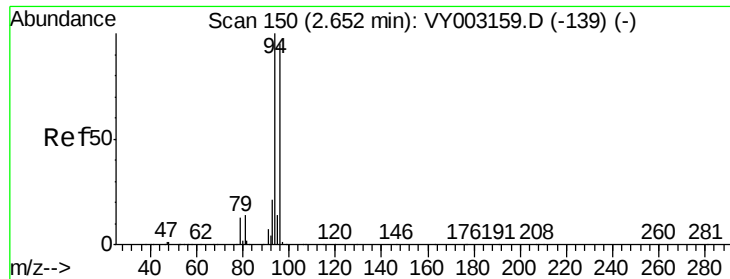
100000

50000

0

Time-->





#5

Bromomethane

Concen: 45.551 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 193864

Ion Ratio Lower Upper

94 100

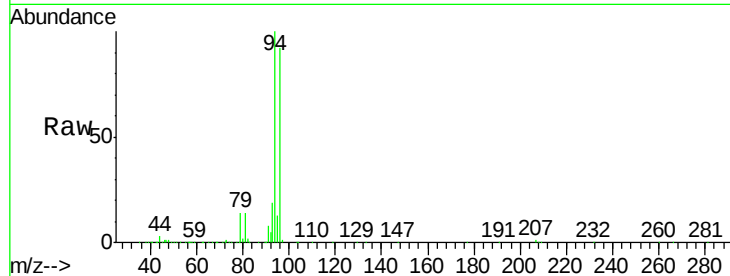
96 92.1 76.0 114.0

Manual Integrations

APPROVED

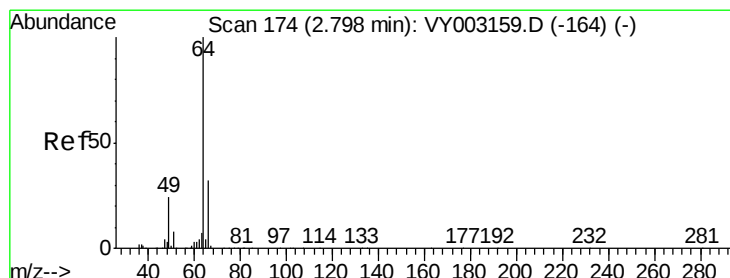
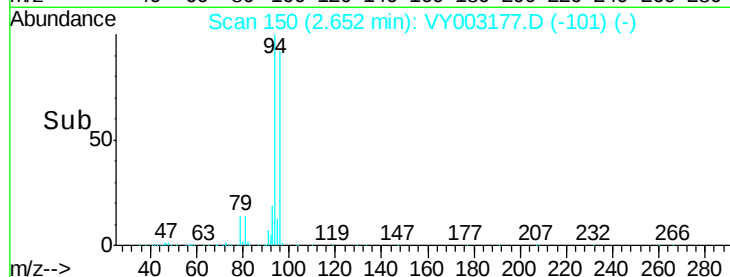
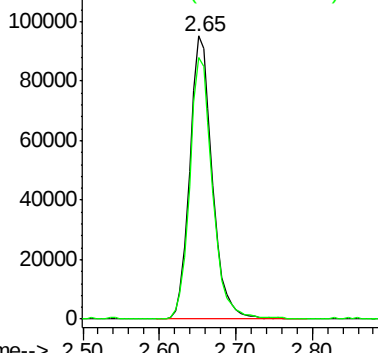
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.959 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003177.D

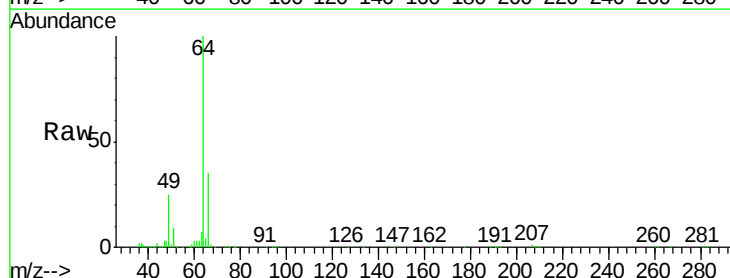
Acq: 13 Jul 2020 10:06

Tgt Ion: 64 Resp: 176728

Ion Ratio Lower Upper

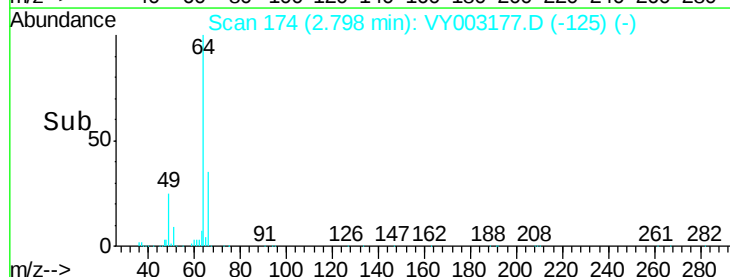
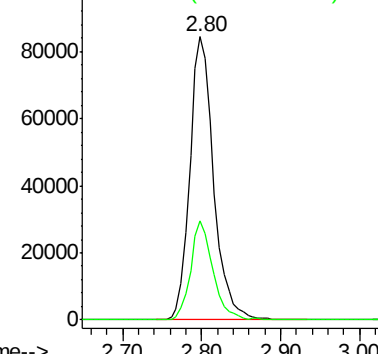
64 100

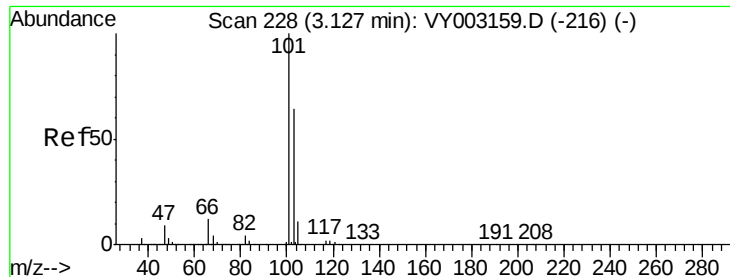
66 35.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

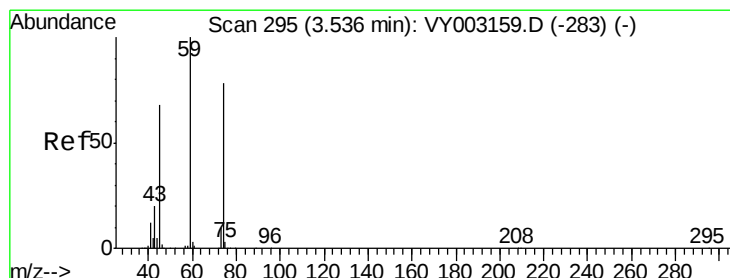
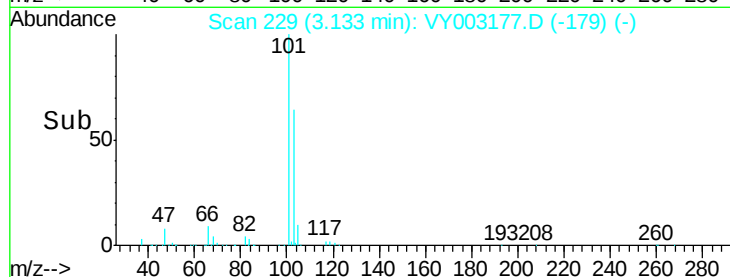
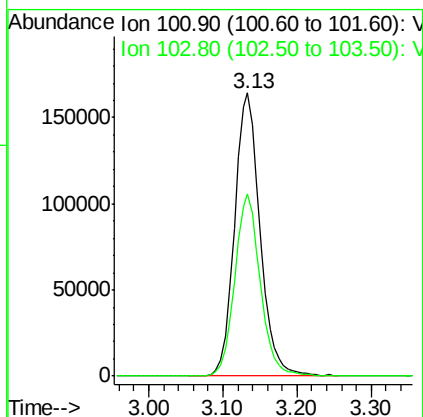
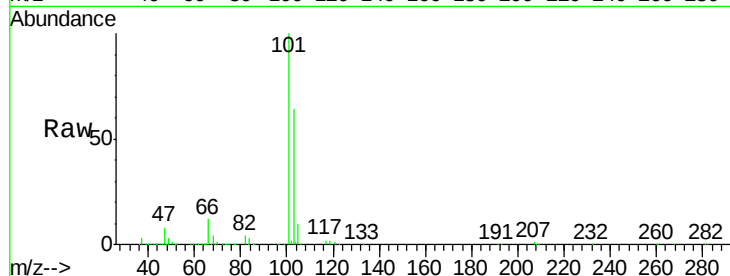
Trichlorofluoromethane
Concen: 48.245 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.3	76.9

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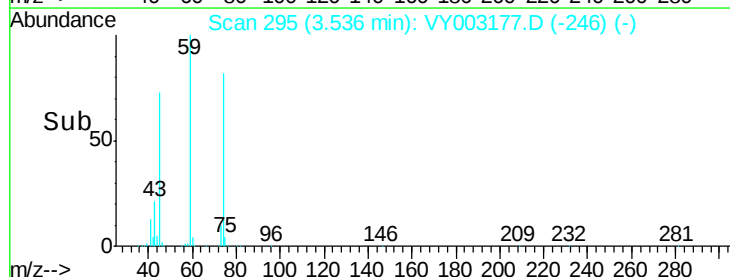
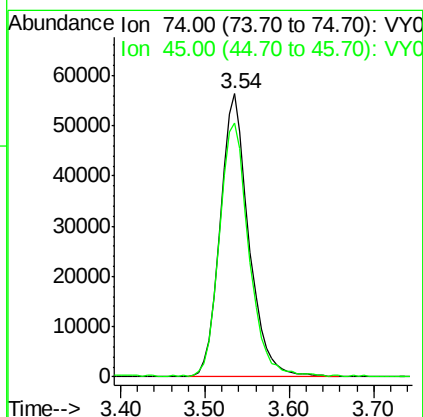
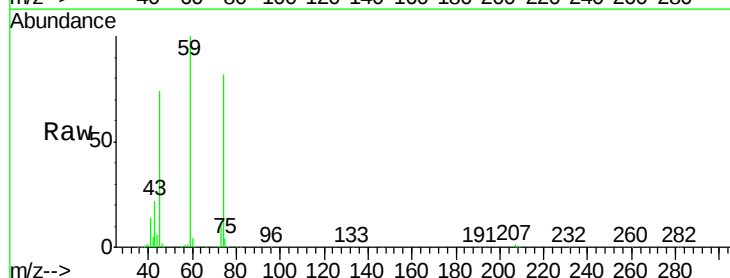
MMDadoda
7/14/2020 11:37:14 AM

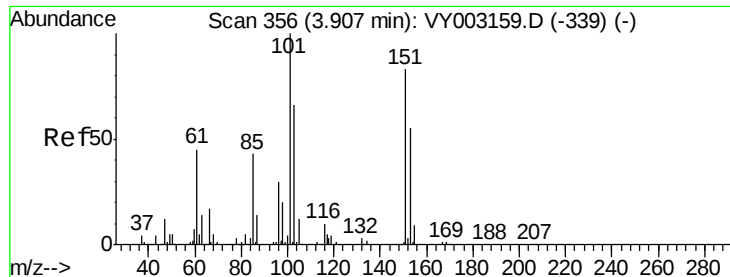


#8

Diethyl Ether
Concen: 48.004 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.737 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

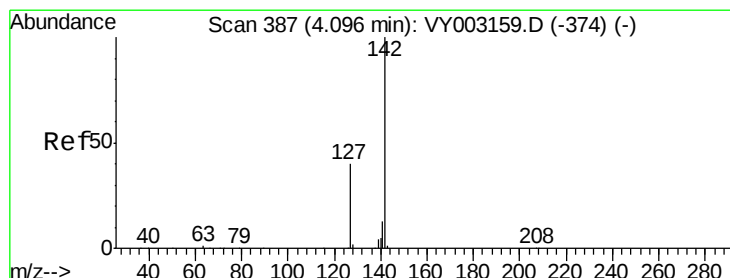
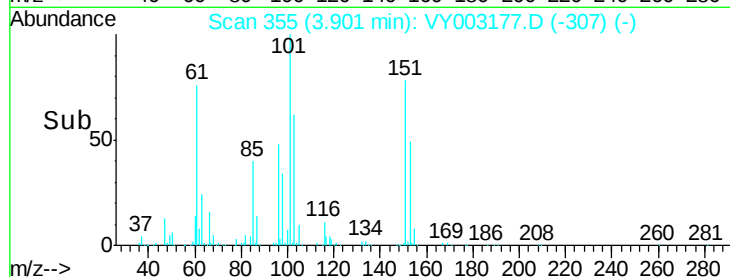
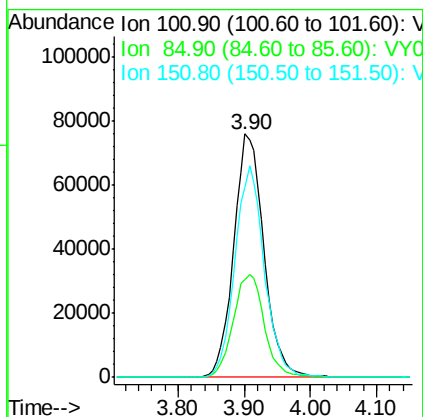
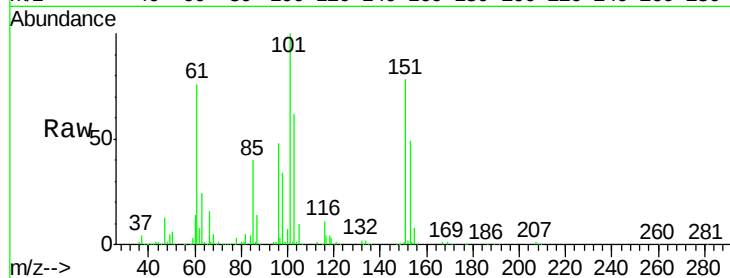
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	240862
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	84.9	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 48.751 ug/l

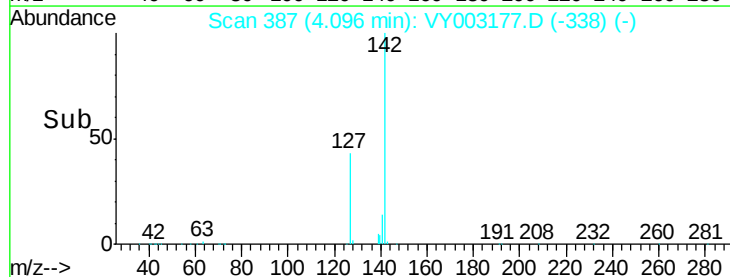
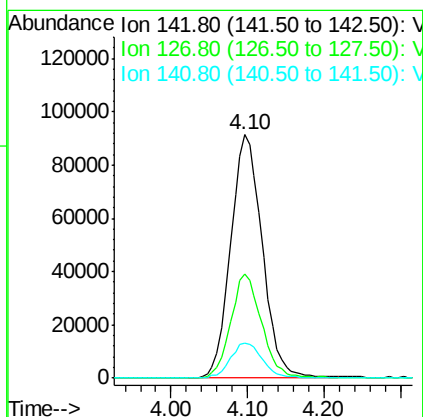
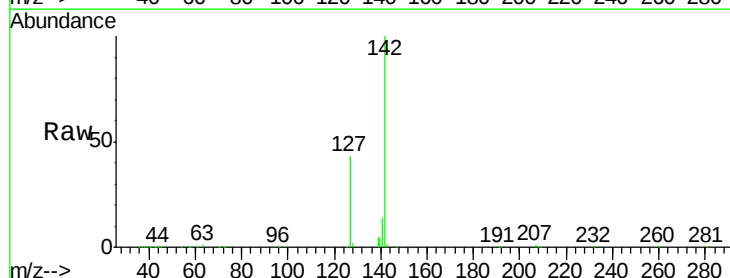
RT: 4.10 min Scan# 387

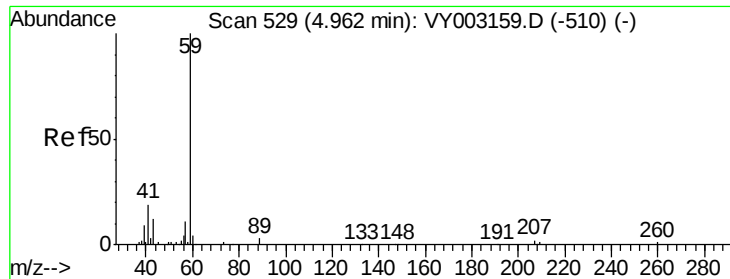
Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion:	142	Resp:	261751
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.5	50.3
141	14.6	11.2	16.8





#11

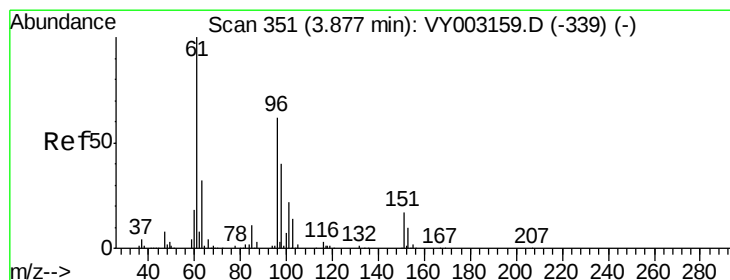
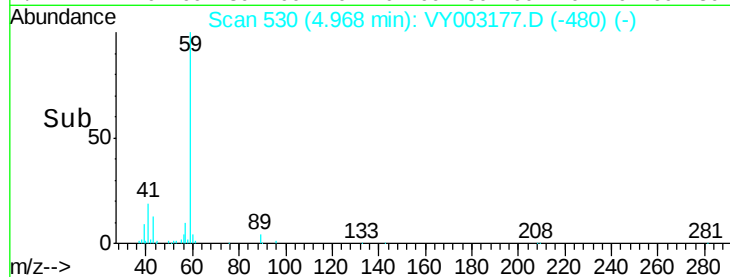
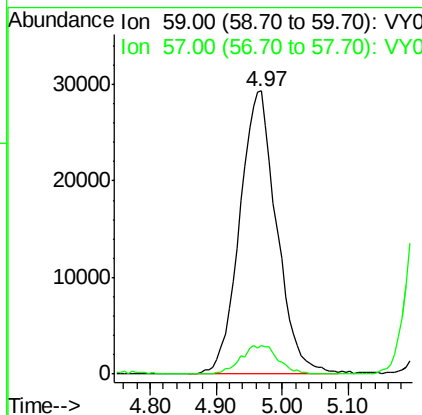
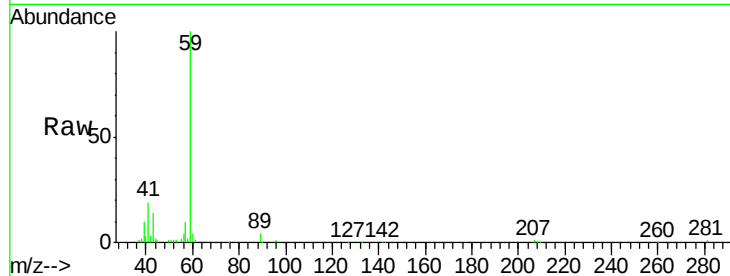
Tert butyl alcohol
 Concen: 221.895 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.2	8.4	12.6

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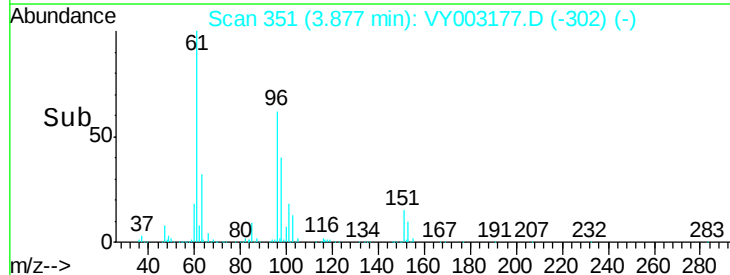
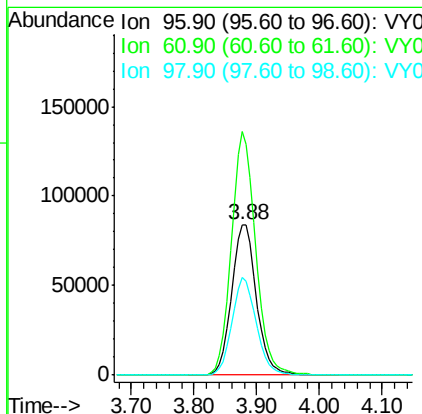
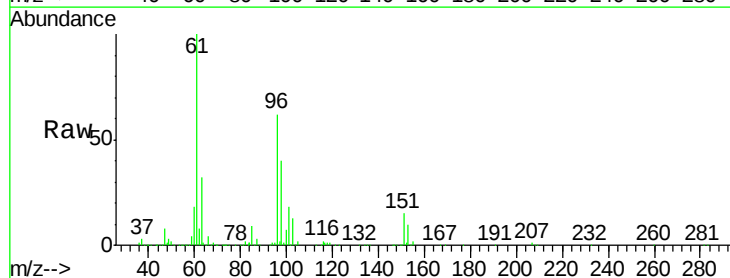
MMDadoda
 7/14/2020 11:37:14 AM

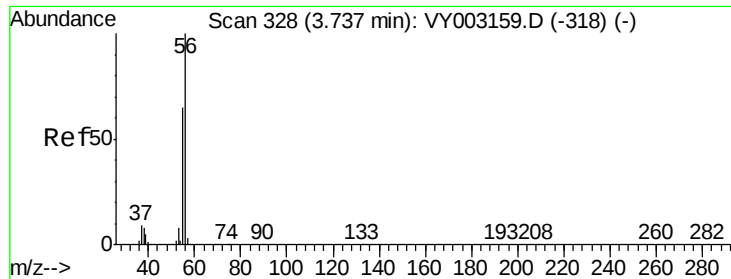


#12

1,1-Dichloroethene
 Concen: 49.144 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	161.4	128.6	193.0
98	98	64.7	51.6	77.4





#13

Acrolein

Concen: 316.372 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 140783

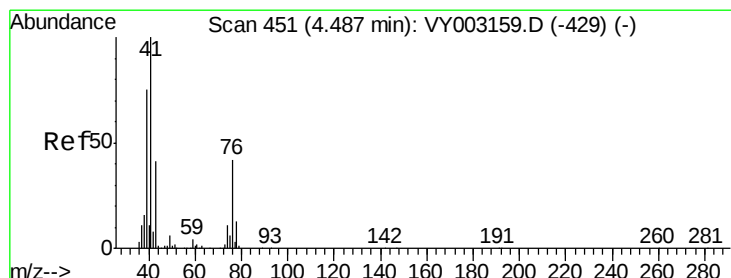
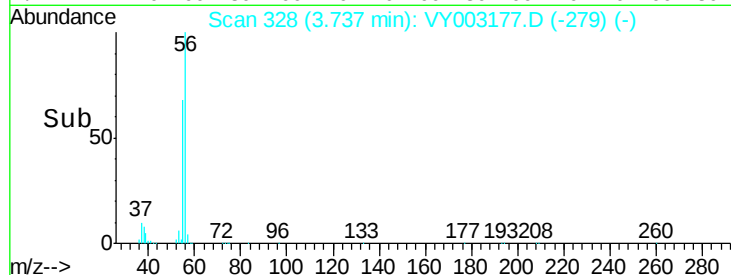
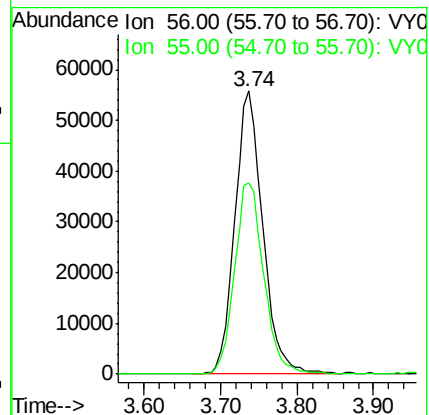
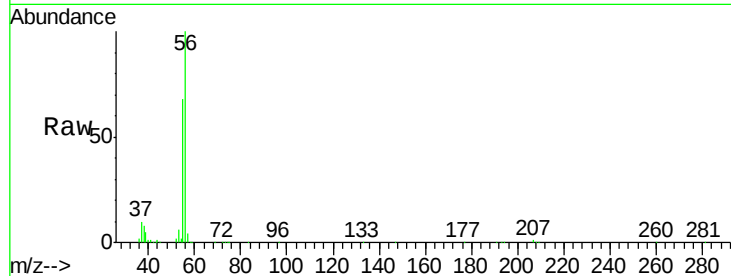
Ion Ratio Lower Upper

56 100

55 70.7 56.0 84.0

Manual Integrations
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#14

Allyl chloride

Concen: 50.800 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

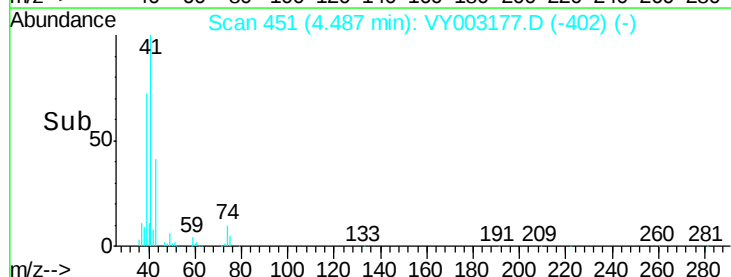
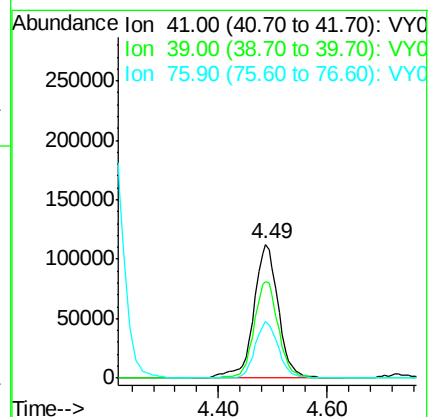
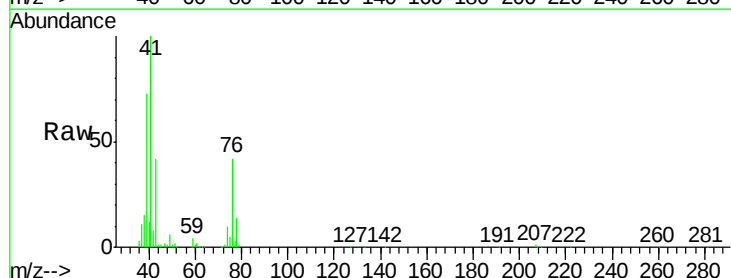
Tgt Ion: 41 Resp: 352351

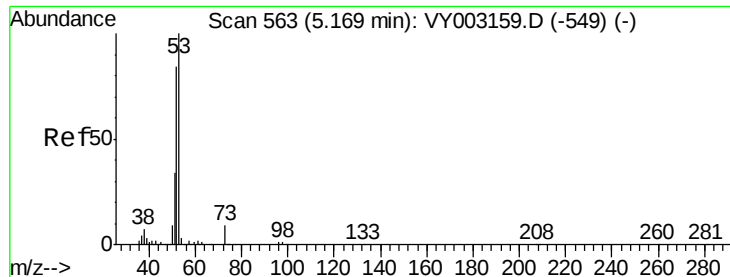
Ion Ratio Lower Upper

41 100

39 70.9 56.6 85.0

76 39.5 31.6 47.4





#15

Acrylonitrile

Concen: 244.465 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

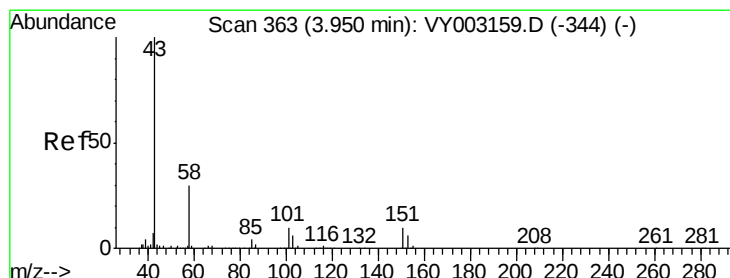
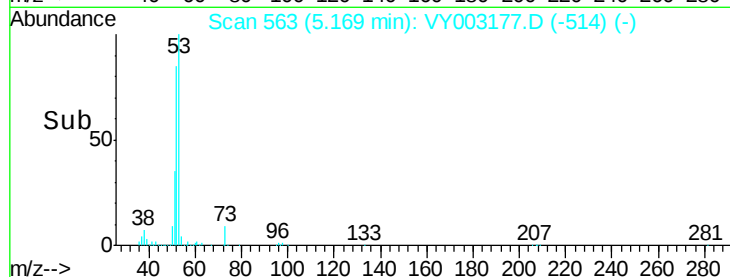
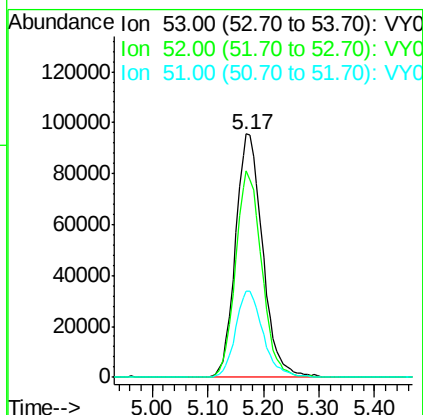
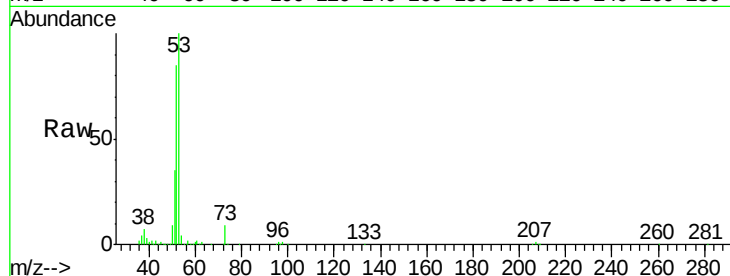
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	322000
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.8	98.6
51	36.2	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 264.360 ug/l

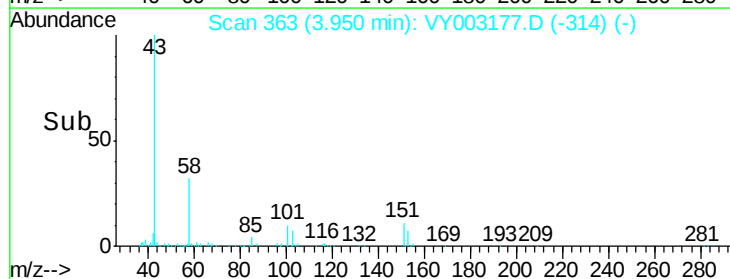
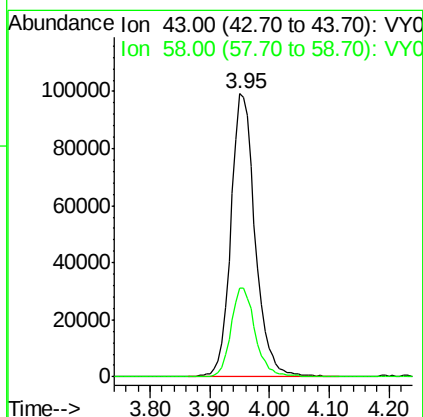
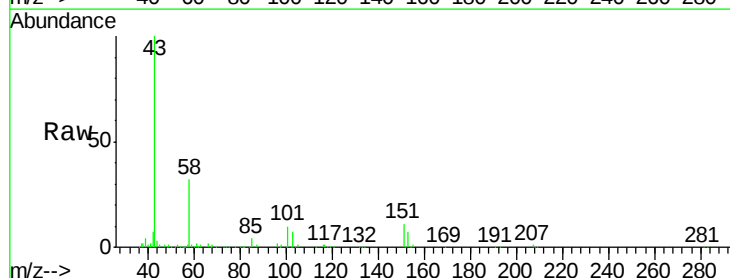
RT: 3.95 min Scan# 363

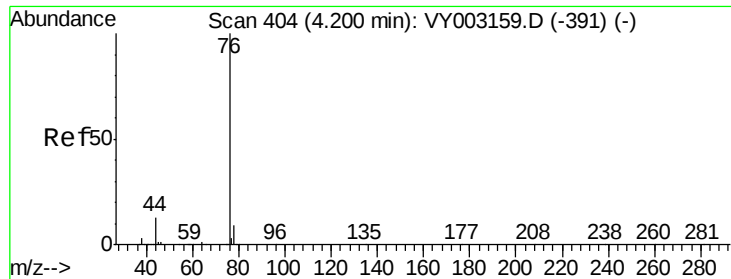
Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion:	43	Resp:	279971
Ion Ratio	Lower	Upper	
43	100		
58	31.5	23.8	35.6





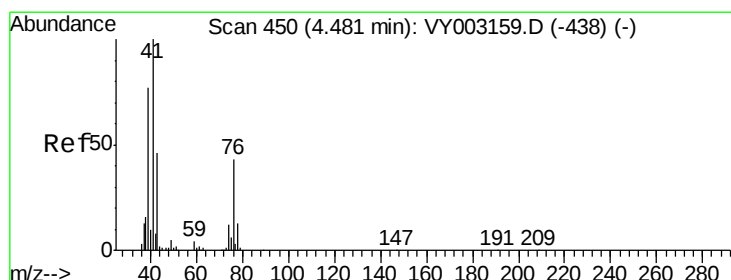
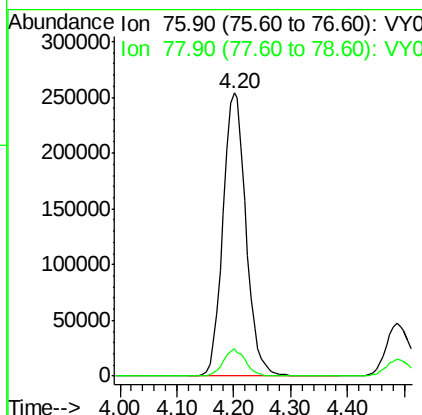
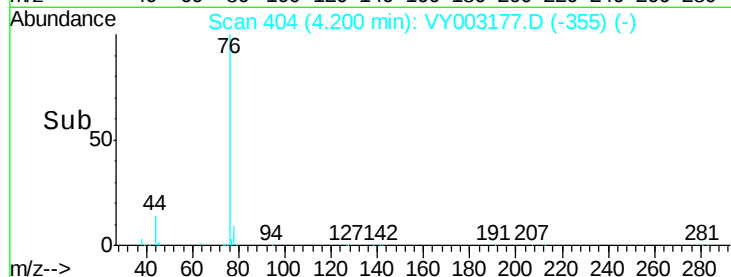
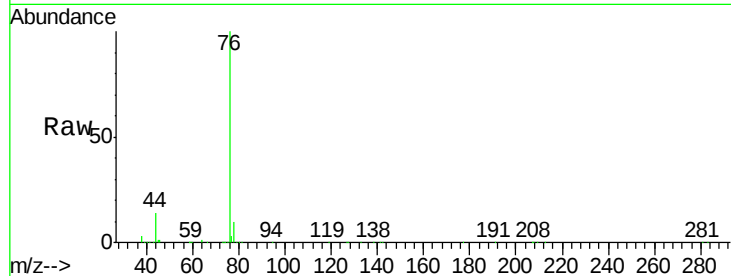
#17
Carbon Disulfide
Concen: 49.761 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

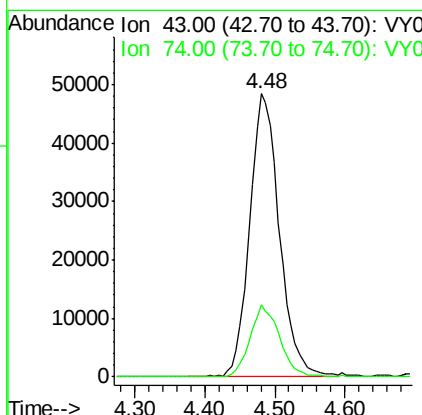
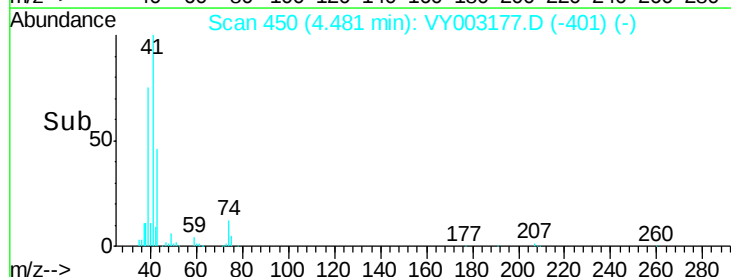
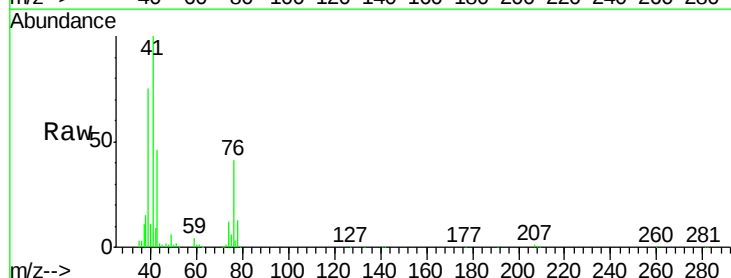
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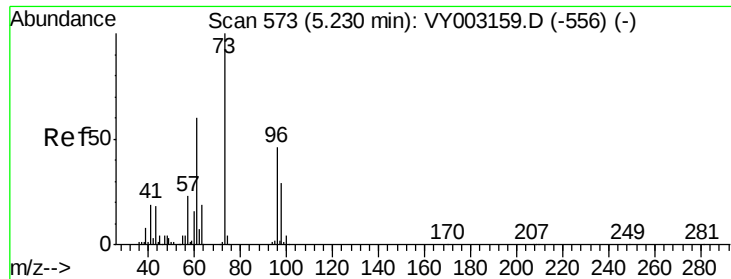
MMDadoda
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#18
Methyl Acetate
Concen: 48.739 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.8	31.2





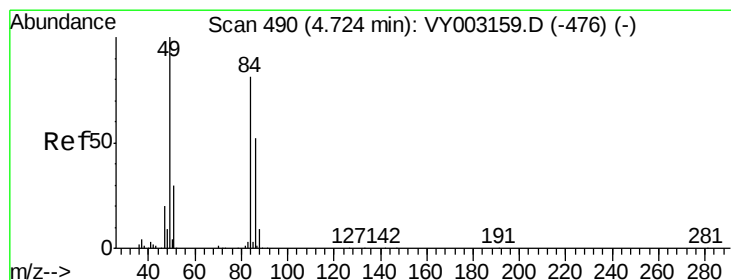
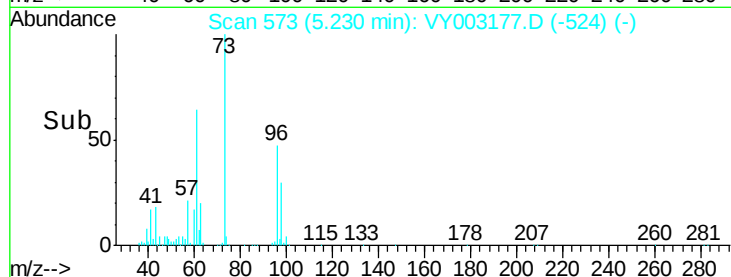
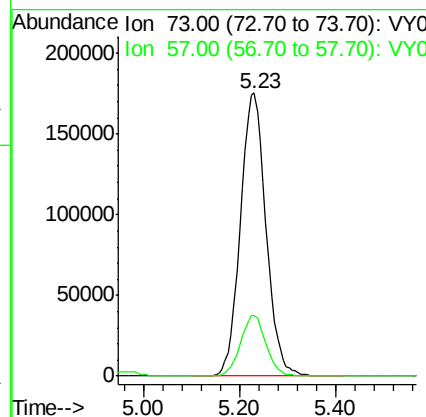
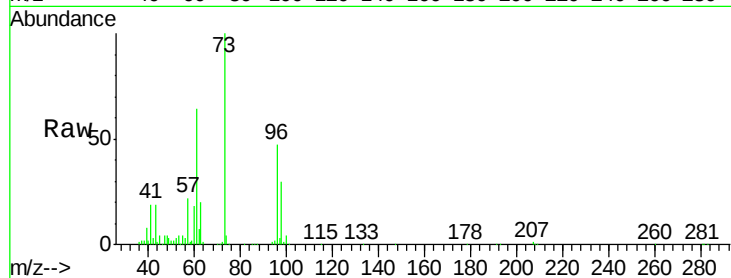
#19
Methvl tert-butvl Ether
Concen: 49.476 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.1	27.1

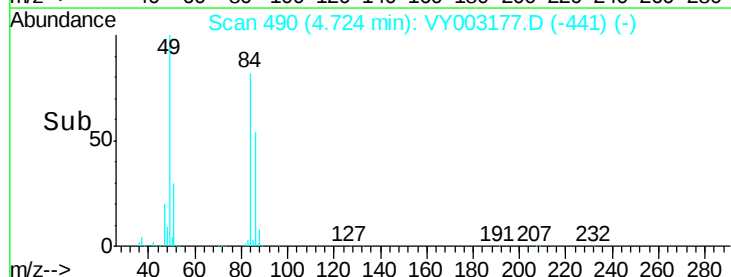
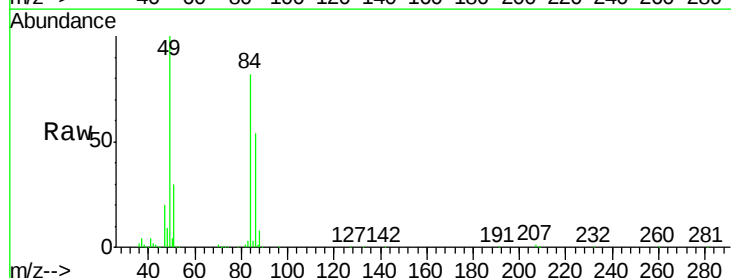
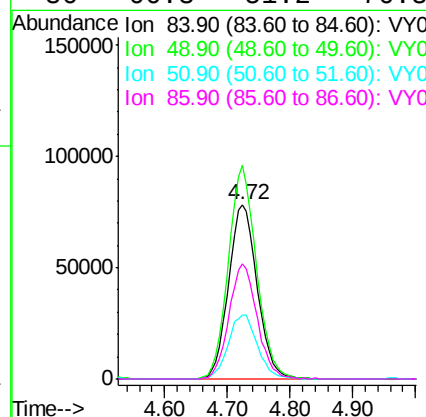
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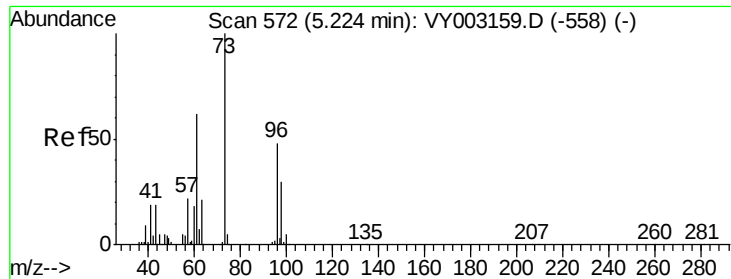
MMDadoda
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#20
Methylene Chloride
Concen: 46.192 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.2	98.2	147.4
51	36.7	29.8	44.6
86	66.3	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 49.114 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

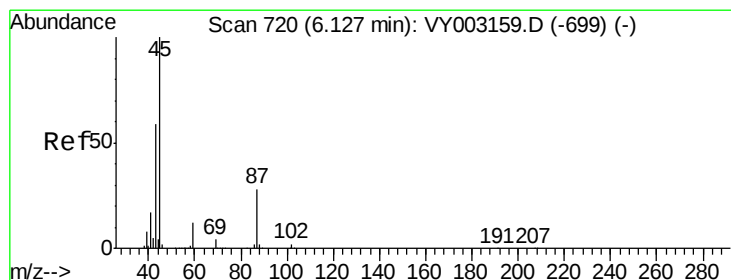
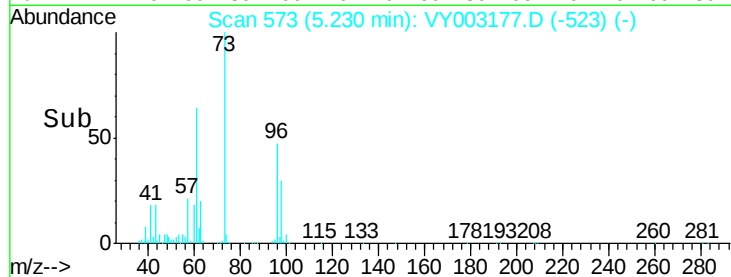
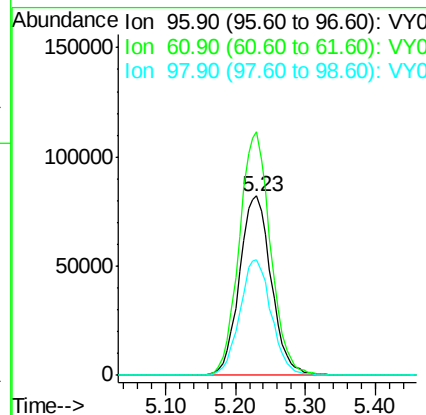
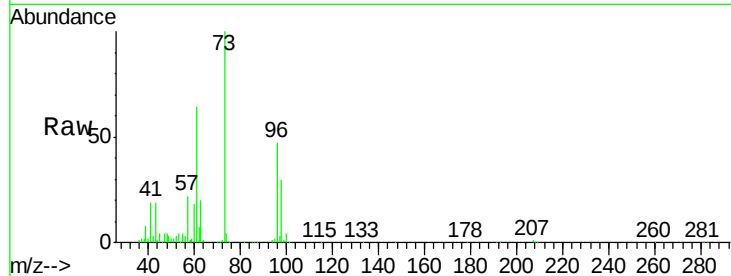
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	259666
Ion	Ratio	Lower	Upper
96	100		
61	135.9	102.5	153.7
98	64.9	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.408 ug/l

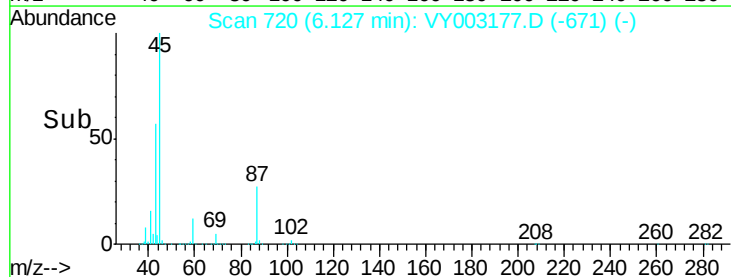
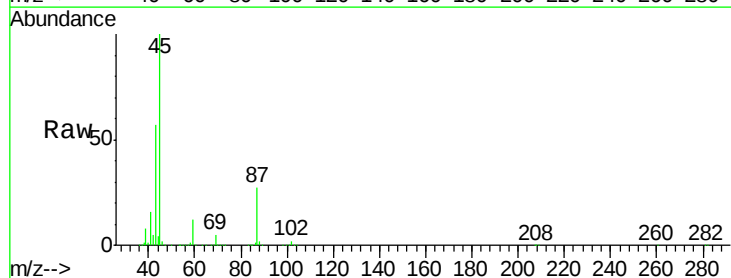
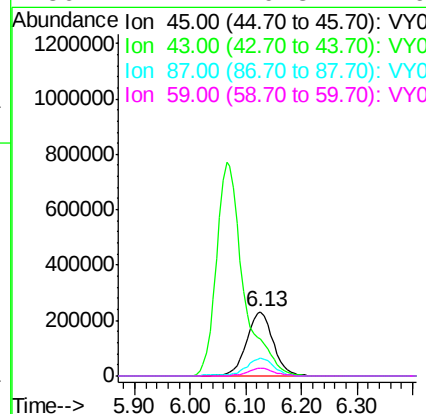
RT: 6.13 min Scan# 720

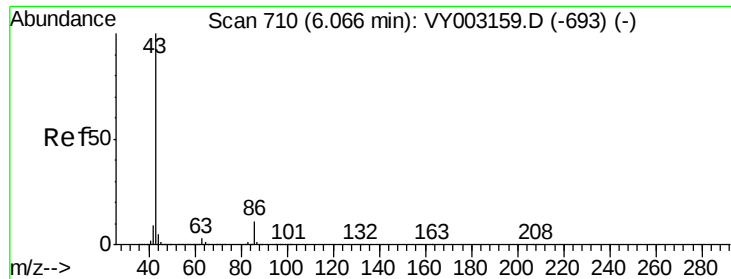
Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion:	45	Resp:	775968
Ion	Ratio	Lower	Upper
45	100		
43	56.8	47.0	70.4
87	27.4	22.6	33.8
59	11.7	9.8	14.6





#23

Vinyl Acetate

Concen: 252.271 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2588351

Ion Ratio Lower Upper

43 100

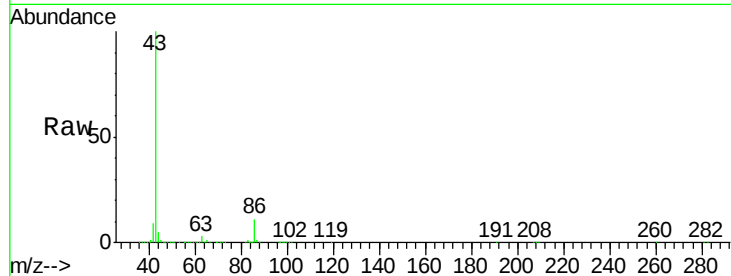
86 11.4 8.8 13.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

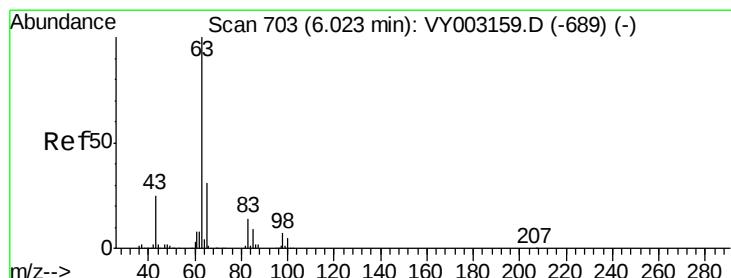
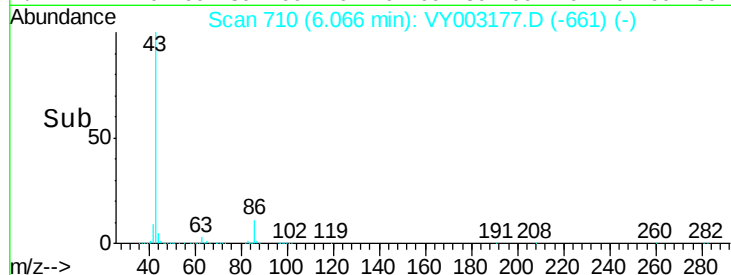
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.777 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

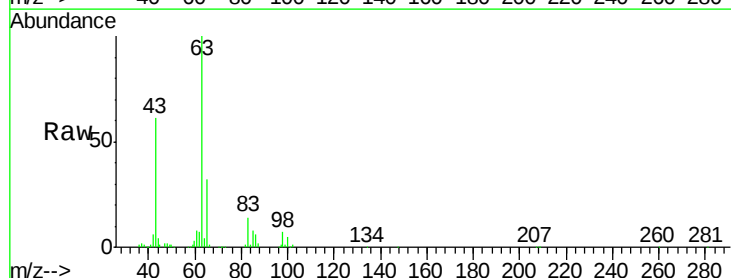
Tgt Ion: 63 Resp: 443924

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.8 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

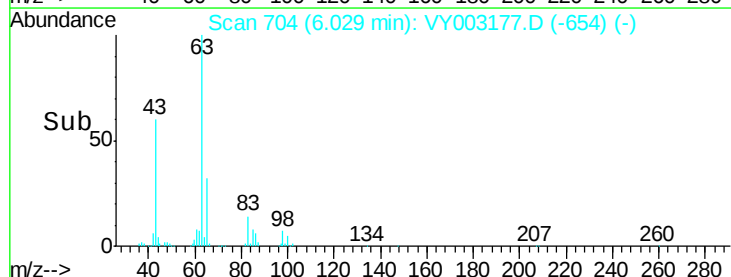
150000

100000

50000

0

Time-->





#25

2-Butanone

Concen: 245.850 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 427501

Ion Ratio Lower Upper

43 100

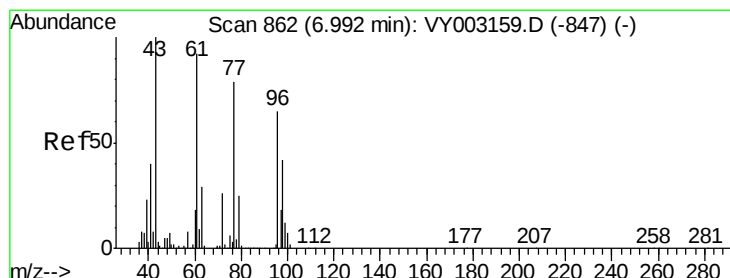
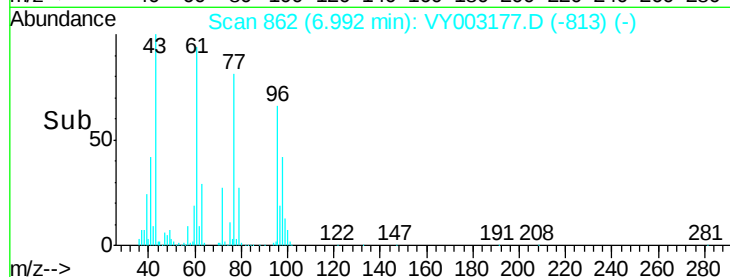
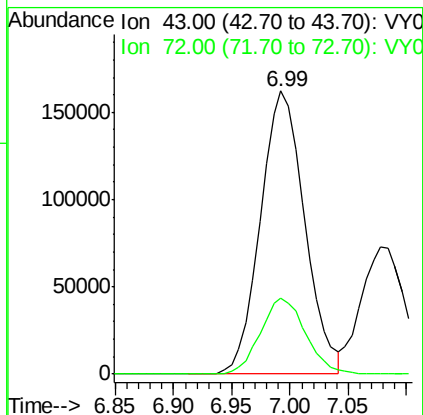
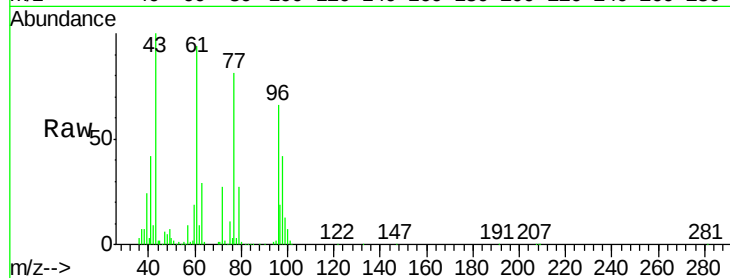
72 26.7 20.9 31.3

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 51.754 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003177.D

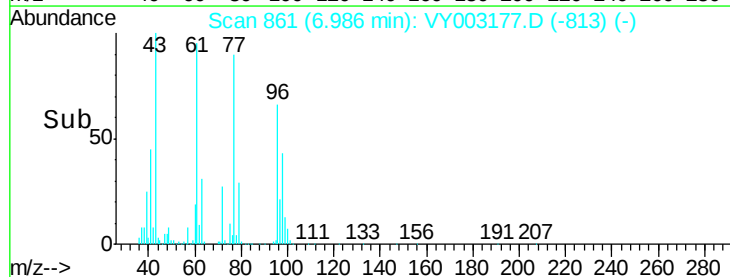
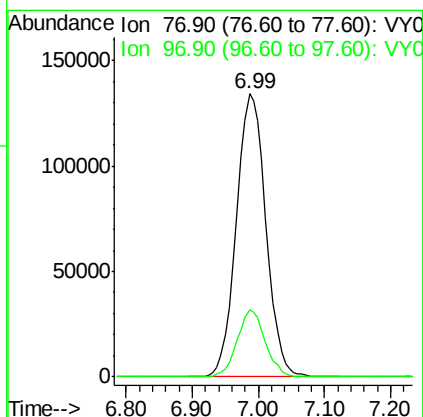
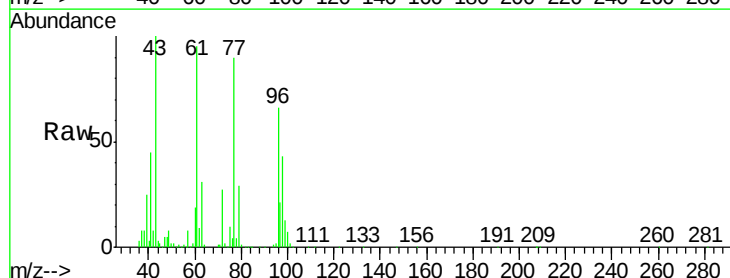
Acq: 13 Jul 2020 10:06

Tgt Ion: 77 Resp: 415669

Ion Ratio Lower Upper

77 100

97 22.4 11.6 34.7





#27

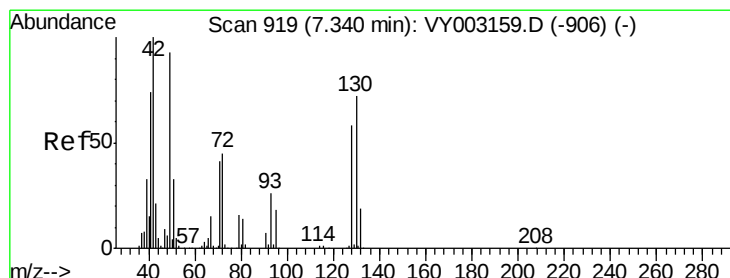
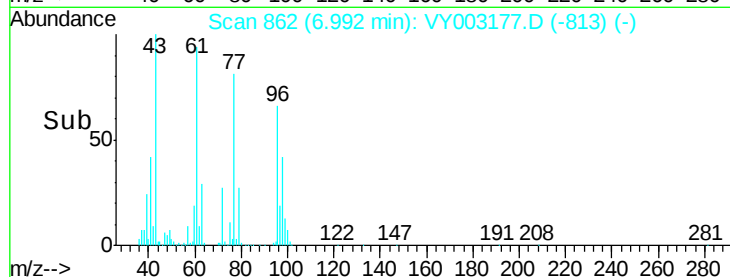
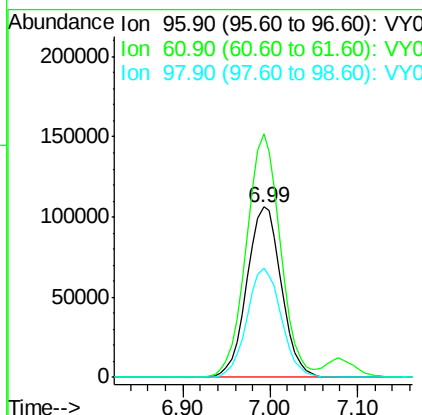
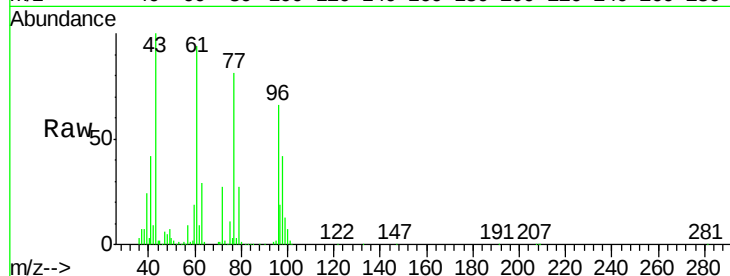
cis-1,2-Dichloroethene
 Concen: 49.979 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	290932		
61	141.7		0.0	281.2
98	63.8		0.0	129.8

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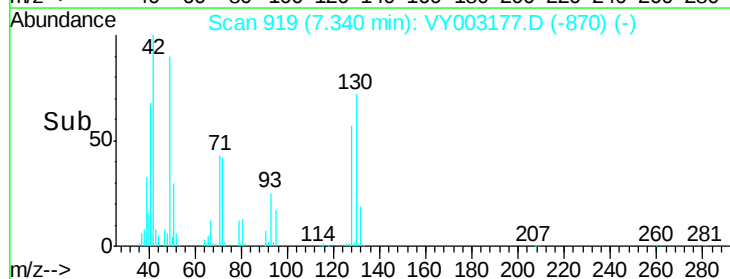
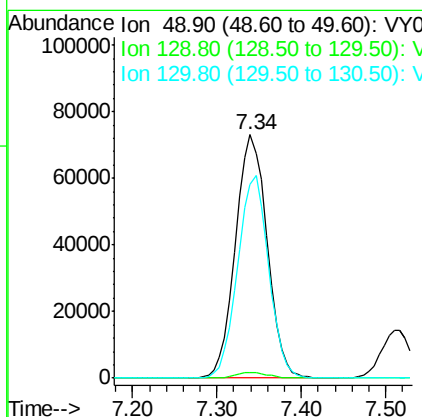
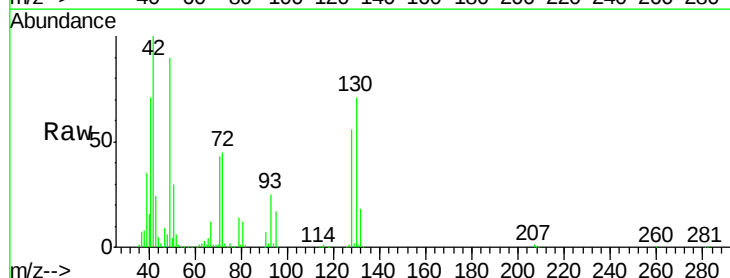
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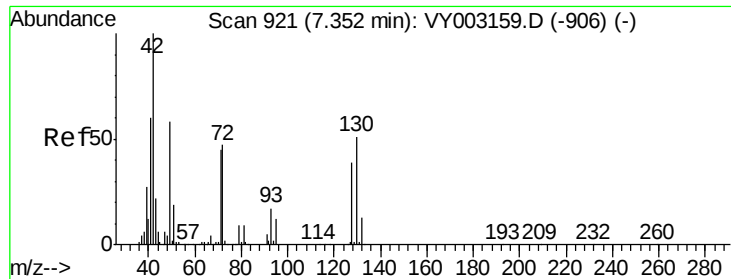


#28

Bromochloromethane
 Concen: 48.154 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	185931		
129	2.4		0.0	5.0
130	81.2		64.9	97.3





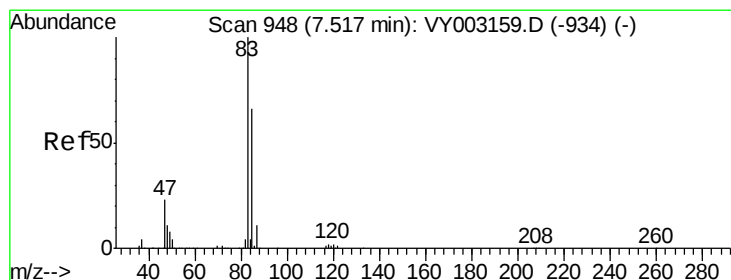
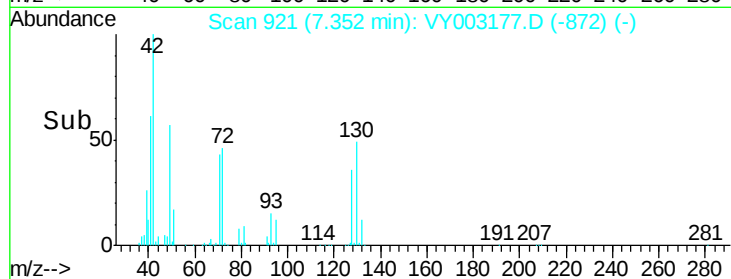
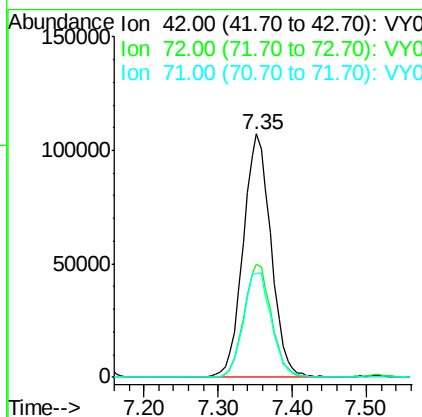
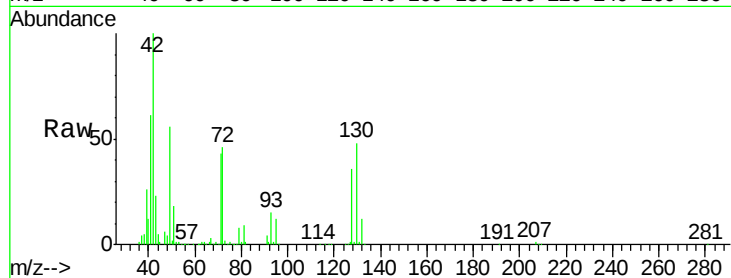
#29
Tetrahydrofuran
Concen: 240.858 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100	281356		
72	46.0		36.7	55.1
71	43.6		34.2	51.4

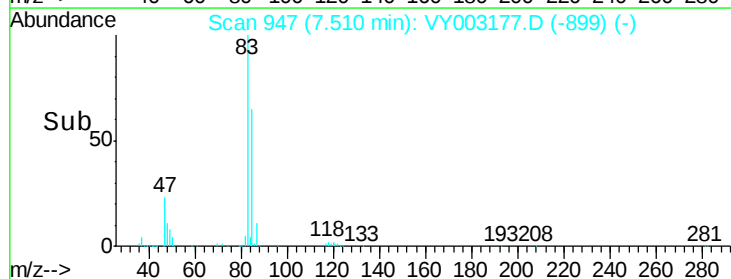
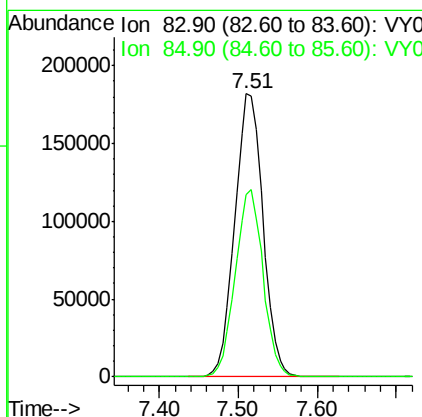
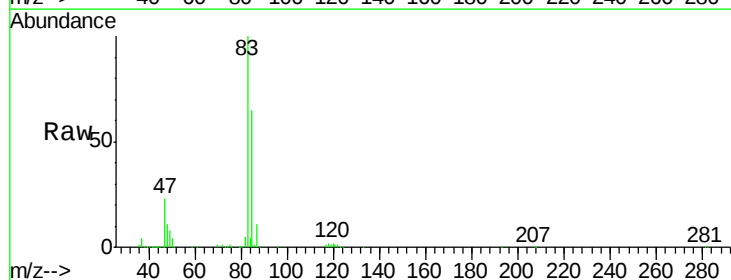
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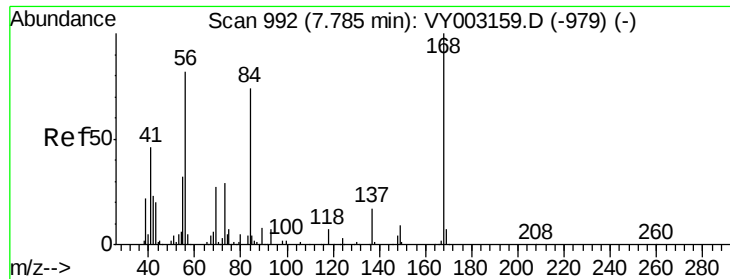
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#30
Chloroform
Concen: 49.490 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	454581		
85	64.6		52.6	78.8





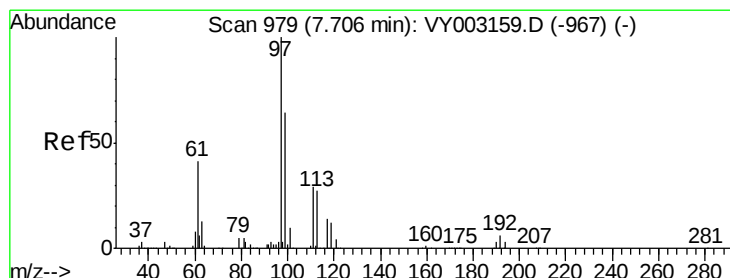
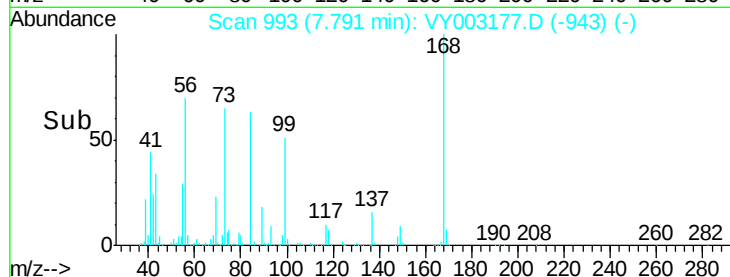
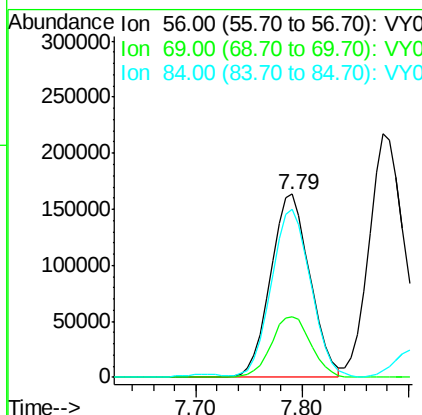
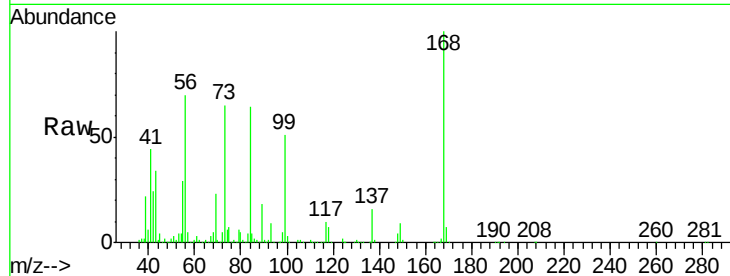
#31
Cvclohexane
Concen: 48.436 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.7	40.1
84	90.5	72.3	108.5

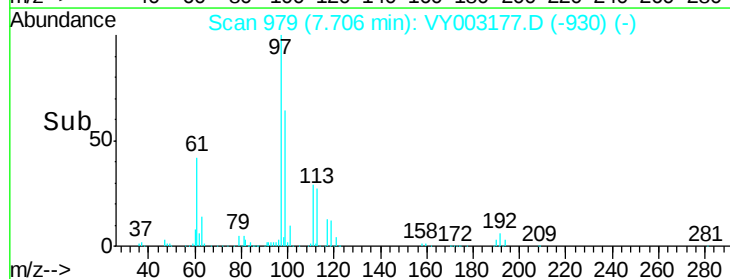
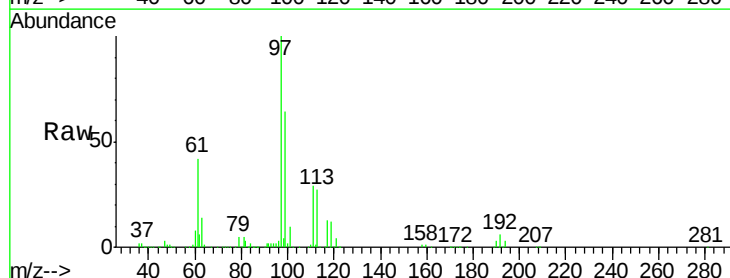
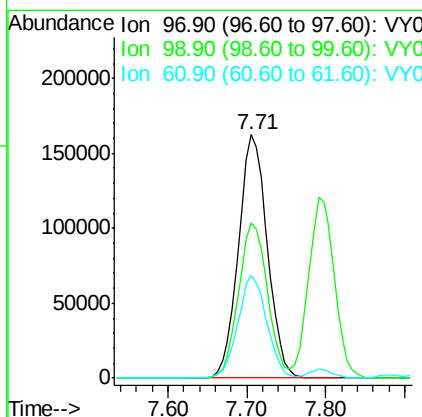
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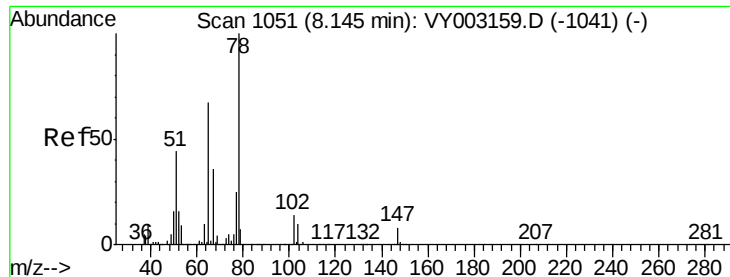
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#32
1,1,1-Trichloroethane
Concen: 50.058 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.1	78.1
61	42.2	33.9	50.9





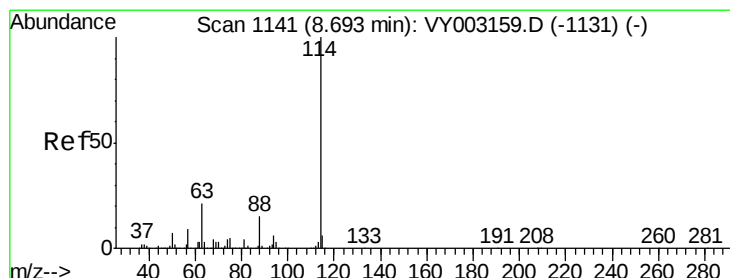
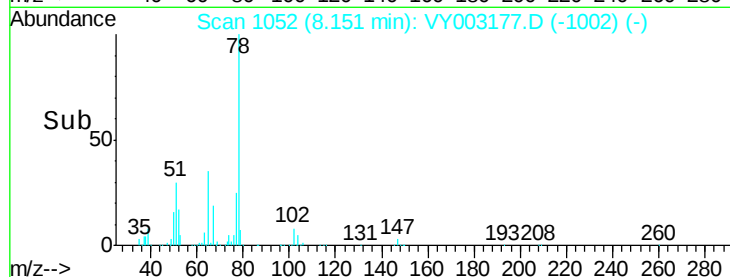
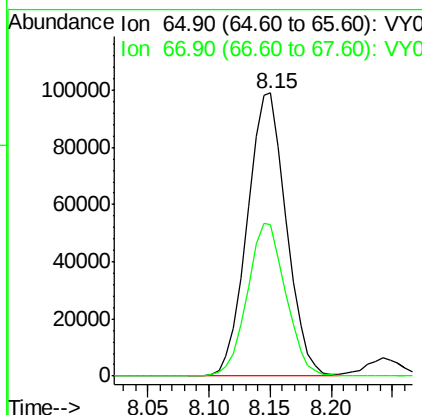
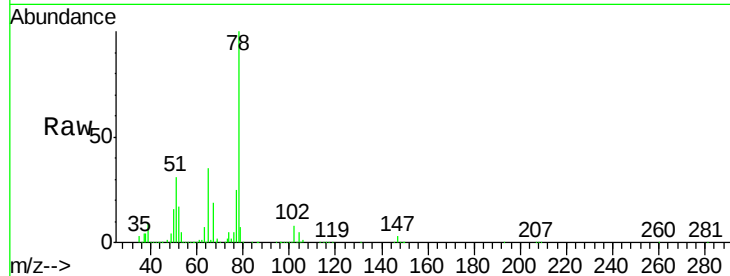
#33
 1,2-Dichloroethane-d4
 Concen: 46.382 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219910		
67	53.3	0.0	105.2	

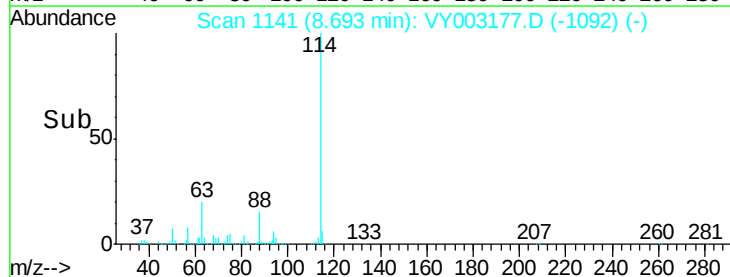
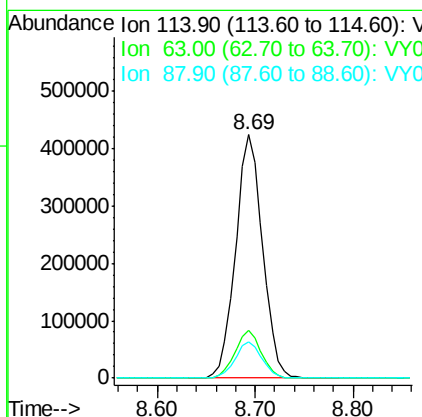
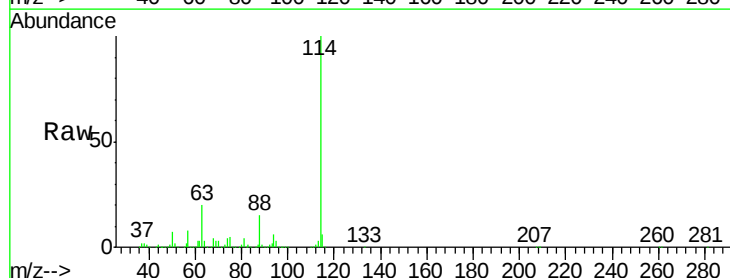
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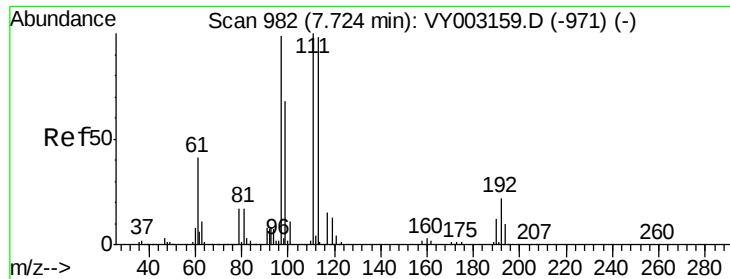
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	808230		
63	19.6	0.0	41.2	
88	15.1	0.0	30.2	





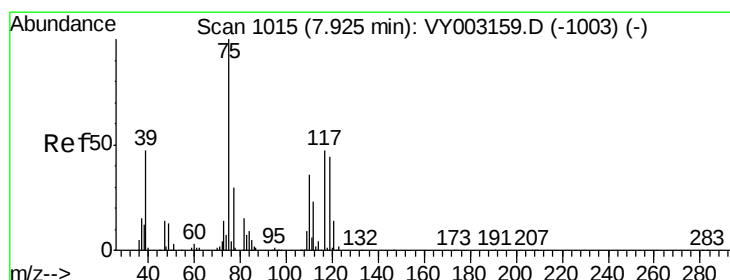
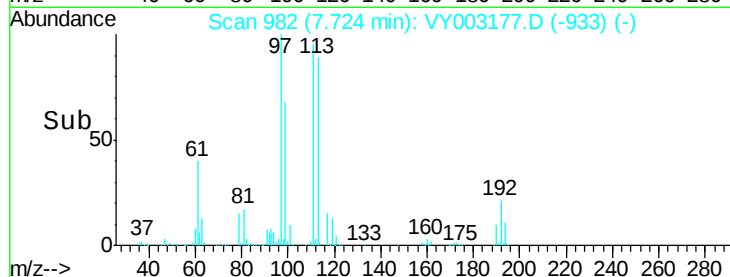
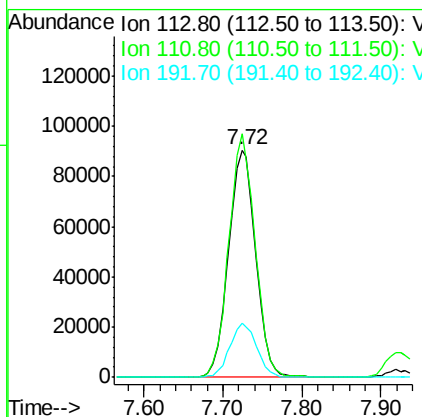
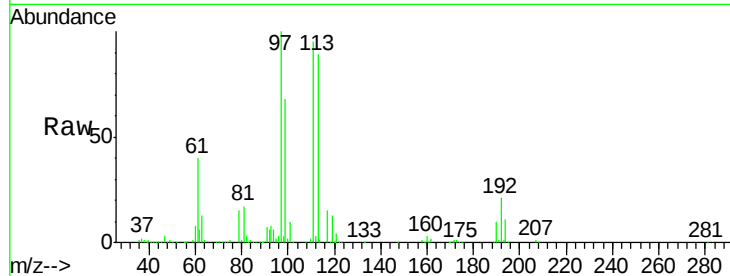
#35
 Dibromofluoromethane
 Concen: 46.540 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	216467		
111	103.7	82.1	123.1	
192	23.5	18.8	28.2	

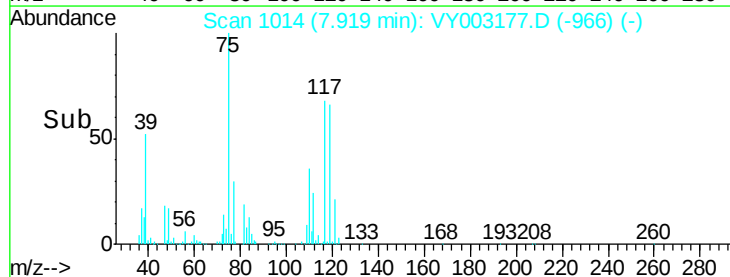
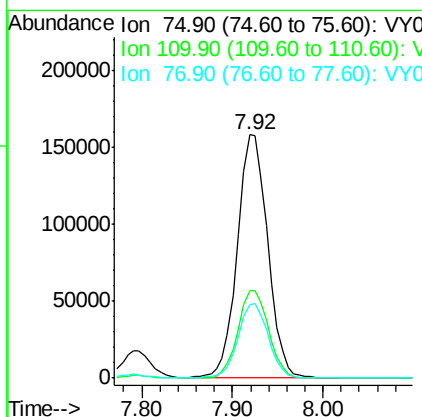
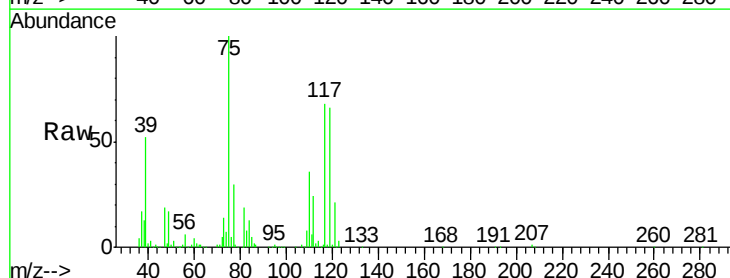
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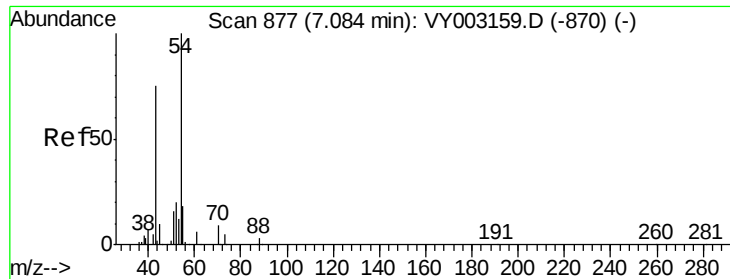
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#36
 1,1-Dichloropropene
 Concen: 49.819 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	364935		
110	36.4	18.1	54.1	
77	30.8	24.8	37.2	





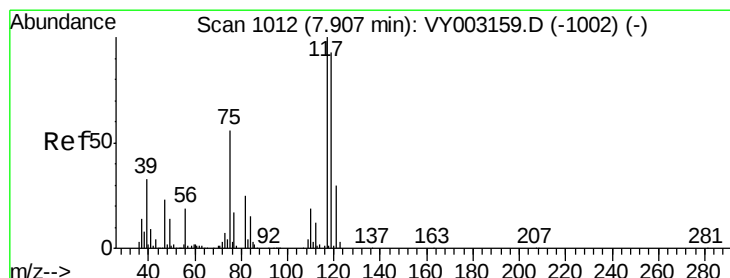
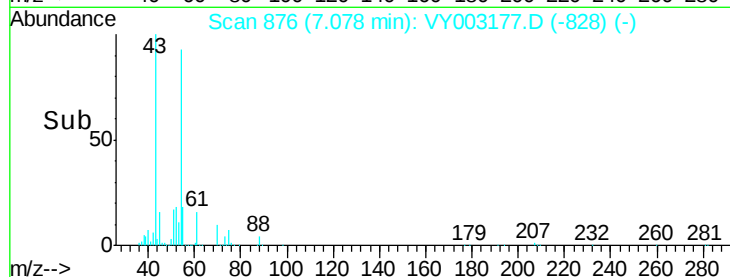
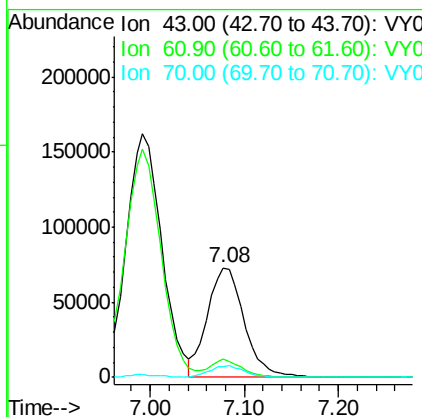
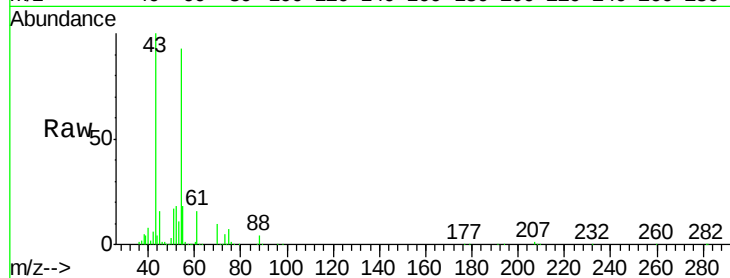
#37
Ethyl Acetate
Concen: 50.058 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.8	17.6
70	10.4	8.6	13.0

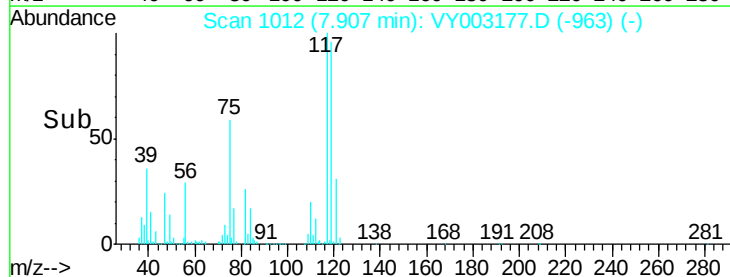
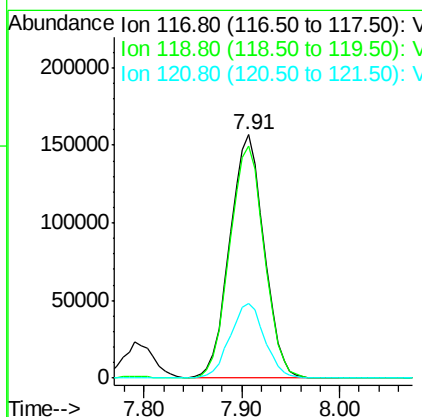
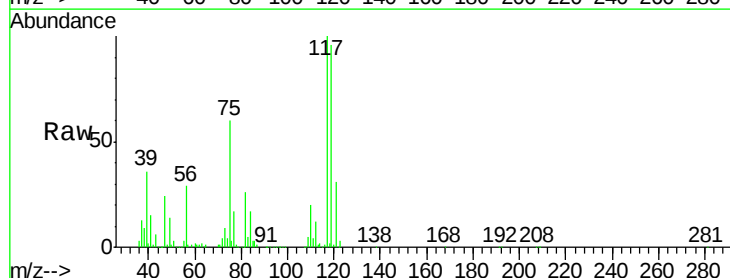
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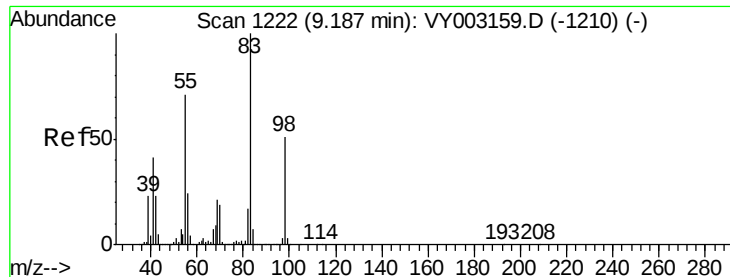
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#38
Carbon Tetrachloride
Concen: 50.542 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.5	111.7
121	30.6	24.2	36.2





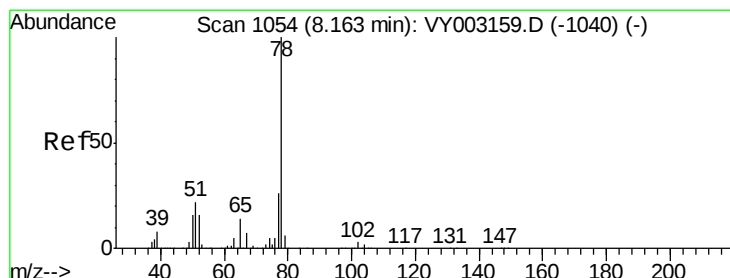
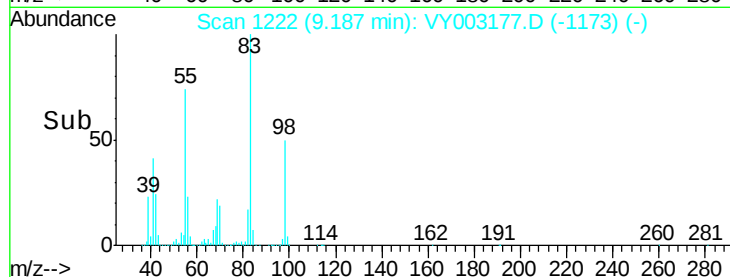
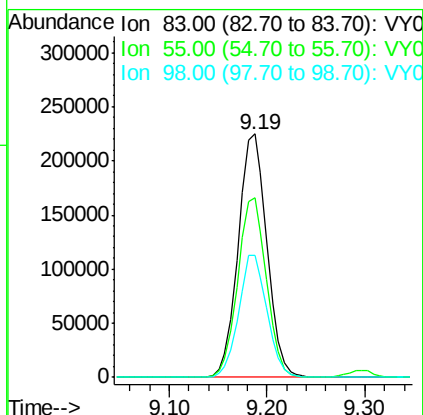
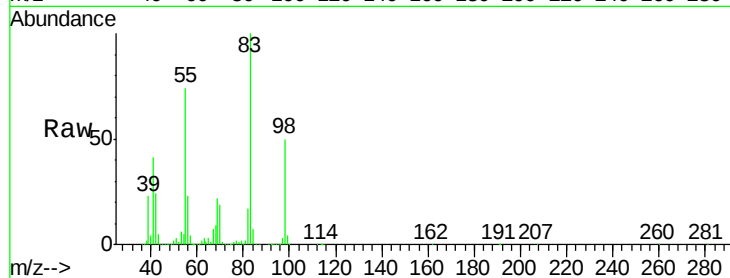
#39
Methvlcvclohexane
Concen: 49.650 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	57.2	85.8
98	50.2	41.0	61.6

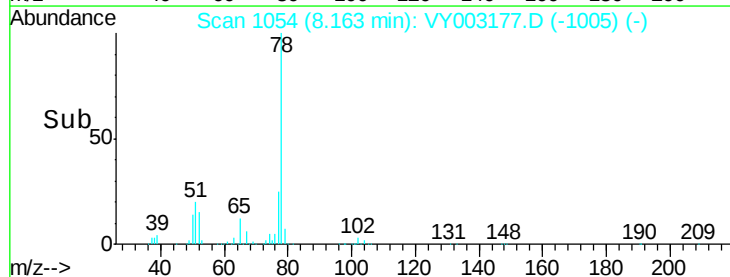
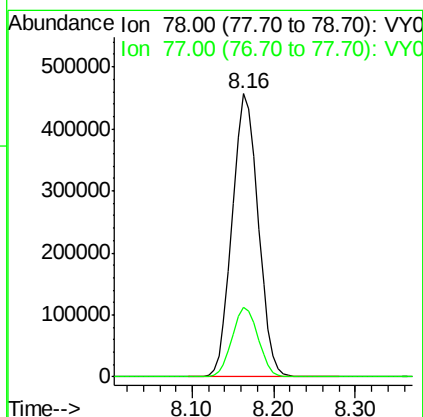
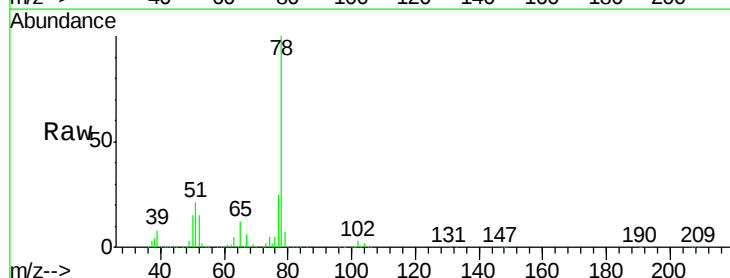
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#40
Benzene
Concen: 49.719 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	20.7	31.1





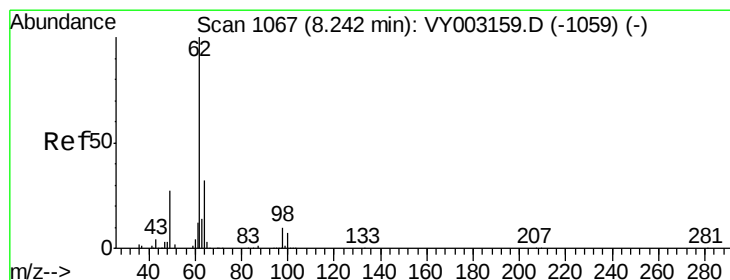
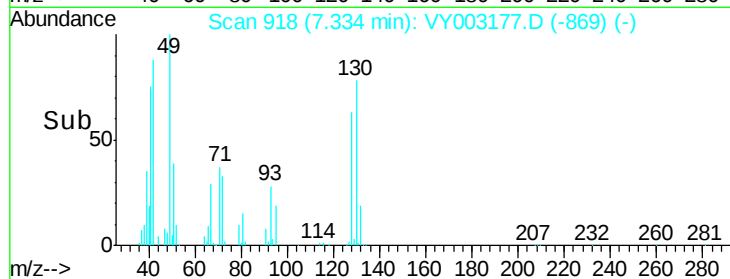
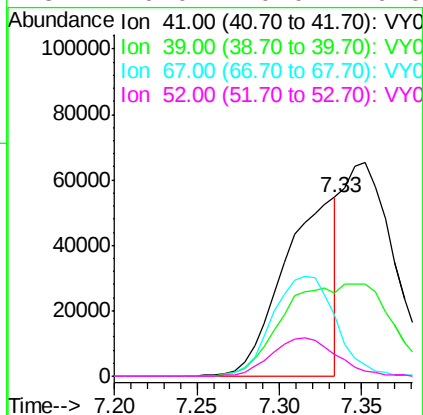
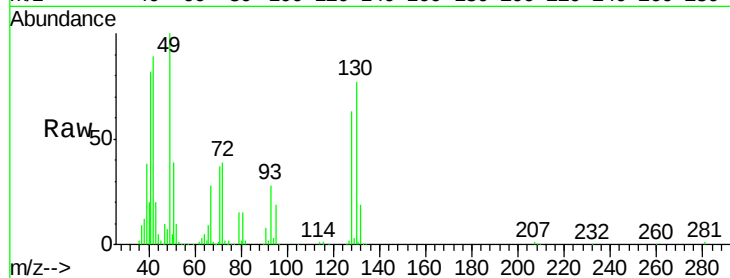
#41
Methacrylonitrile
Concen: 52.497 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	103.3	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

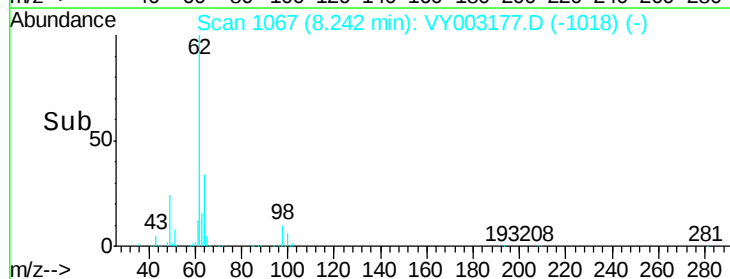
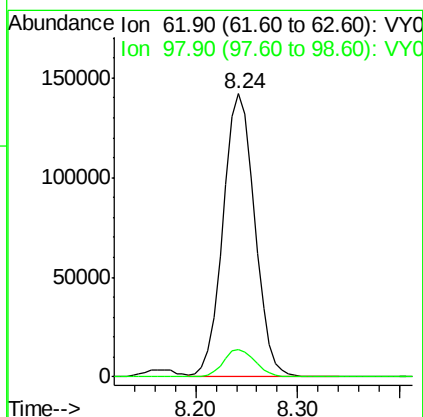
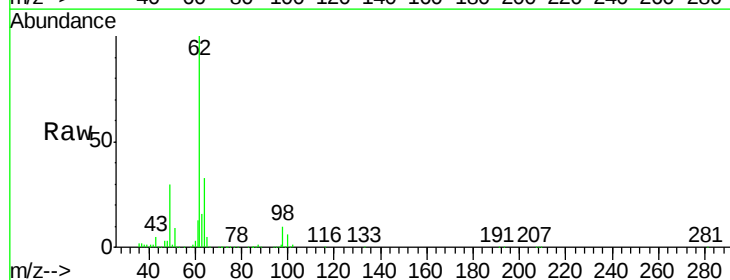
Manual Integrations
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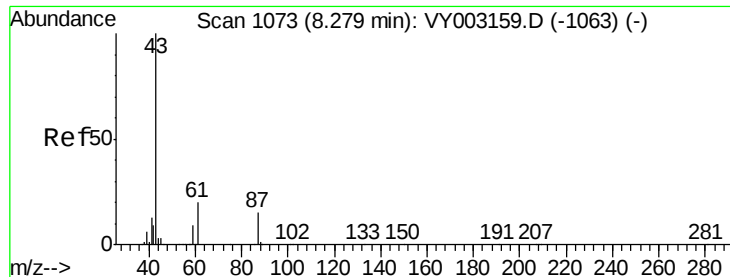
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#42
1,2-Dichloroethane
Concen: 49.261 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





#43

Isopropyl Acetate

Concen: 49.095 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

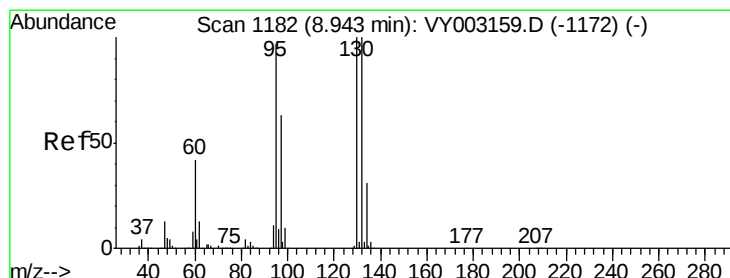
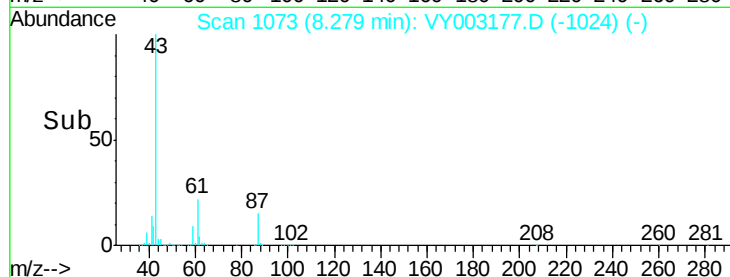
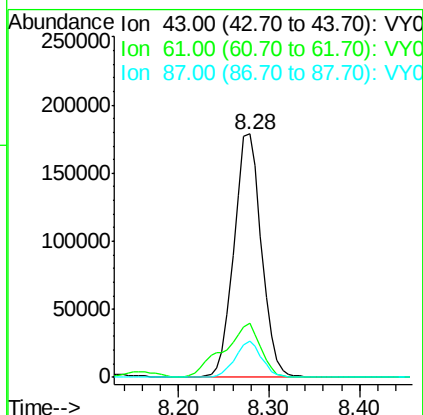
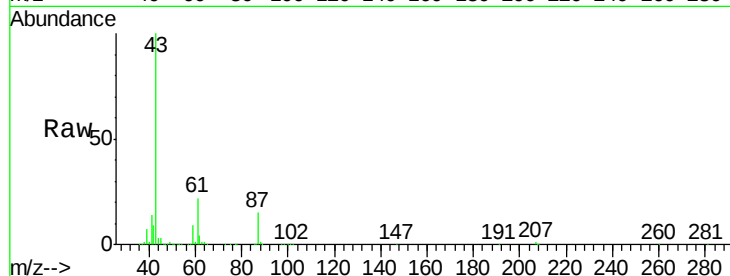
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	374881
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.7	35.5
87	14.3	11.4	17.0

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#44

Trichloroethene

Concen: 49.529 ug/l

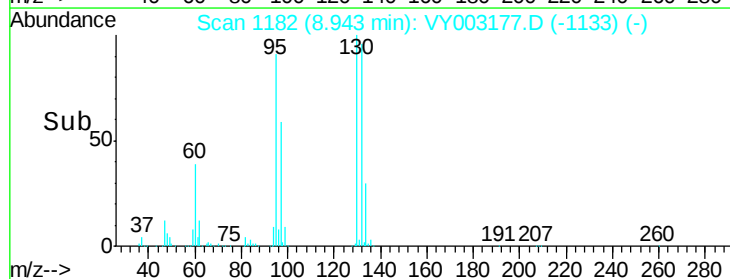
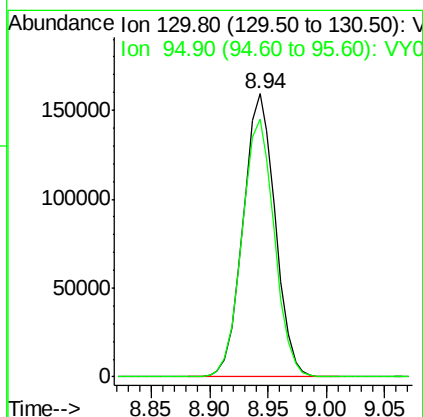
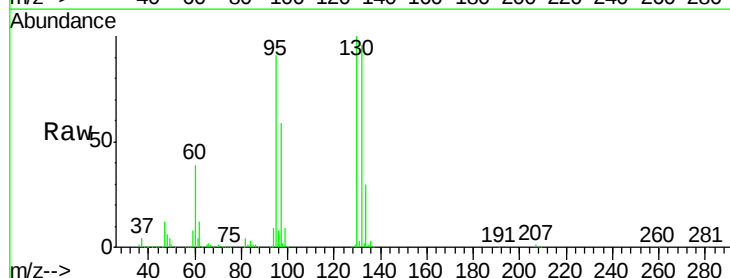
RT: 8.94 min Scan# 1182

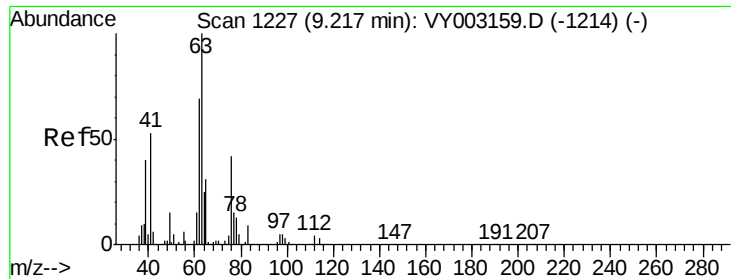
Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion:	130	Resp:	306245
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	193.8





#45

1,2-Dichloropropane

Concen: 49.297 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 257285

Ion Ratio Lower Upper

63 100

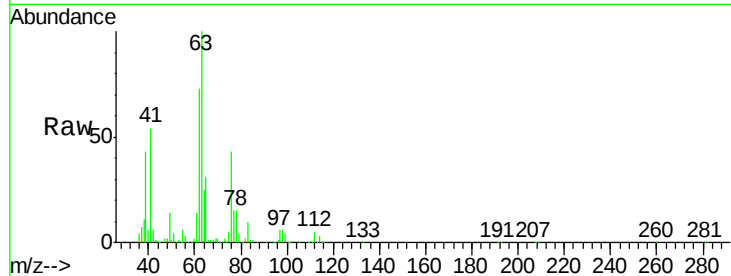
65 31.2 25.0 37.4

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

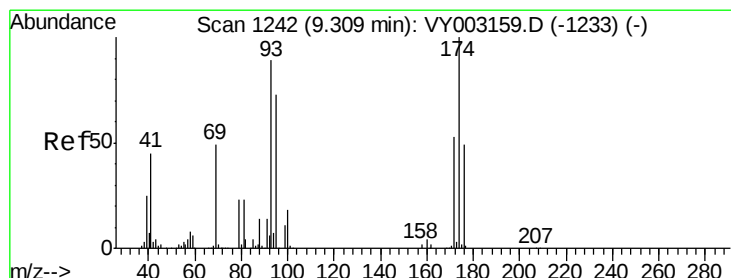
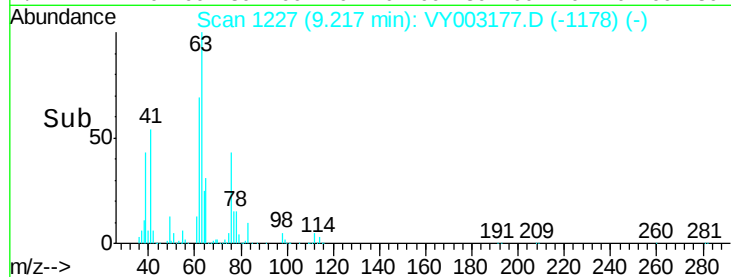
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.431 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

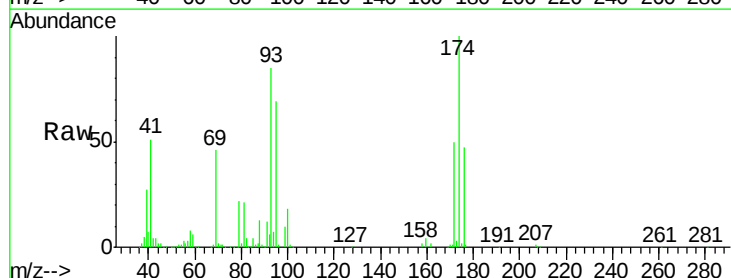
Tgt Ion: 93 Resp: 150680

Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

174 115.4 90.2 135.4



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

9.31

120000

100000

80000

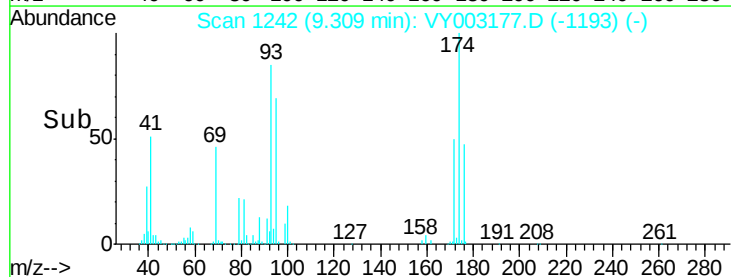
60000

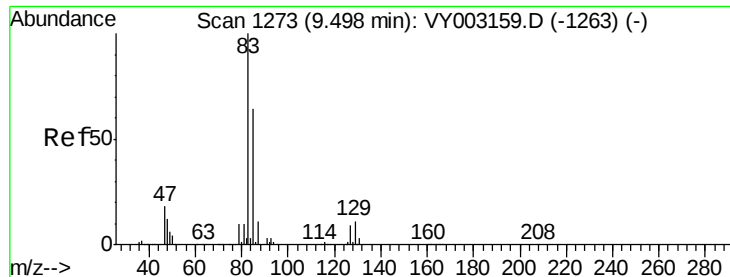
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 50.245 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

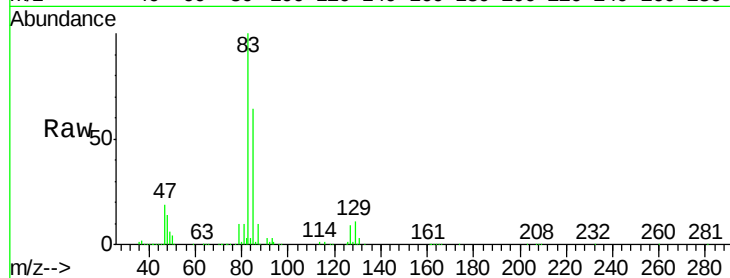
ClientSampleId :

VSTDCCC050

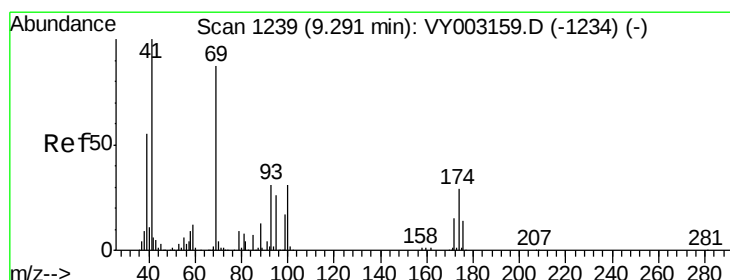
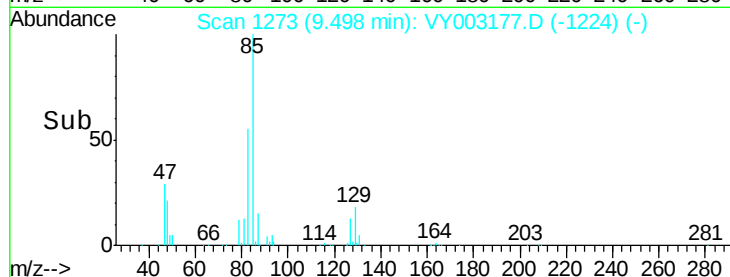
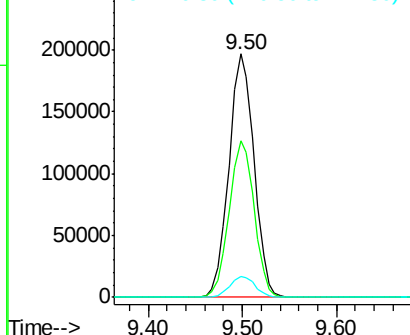
Tot Ion:	83	Resp:	364268
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.9	76.3
127	8.7	7.0	10.4

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.376 ug/l

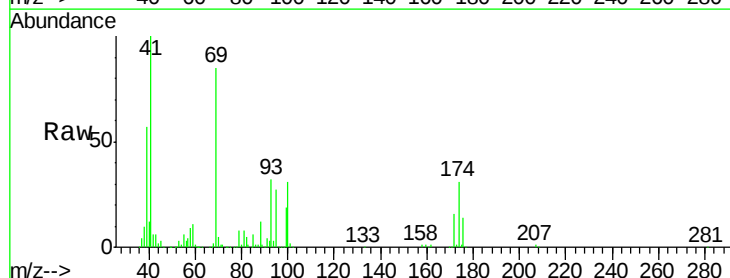
RT: 9.29 min Scan# 1239

Delta R.T. -0.00 min

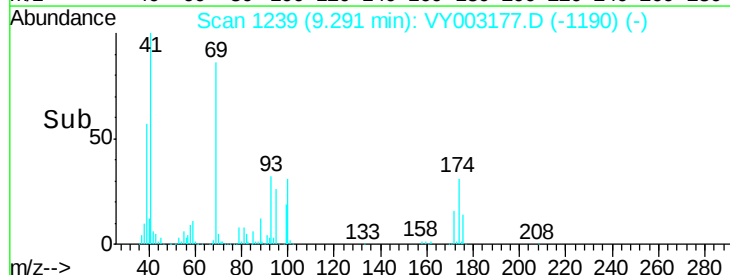
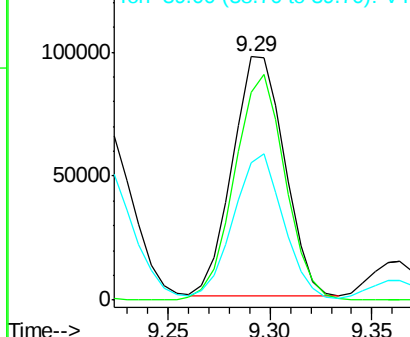
Lab File: VY003177.D

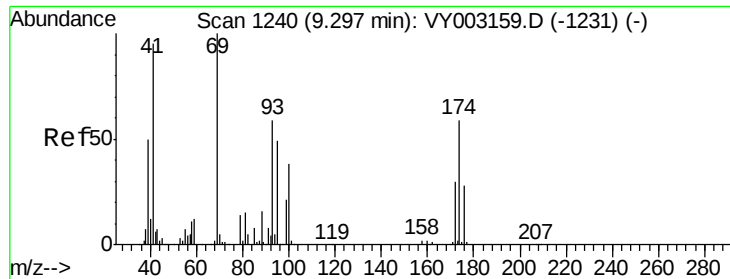
Acq: 13 Jul 2020 10:06

Tgt Ion:	41	Resp:	171967
Ion	Ratio	Lower	Upper
41	100		
69	91.8	74.5	111.7
39	59.2	47.5	71.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





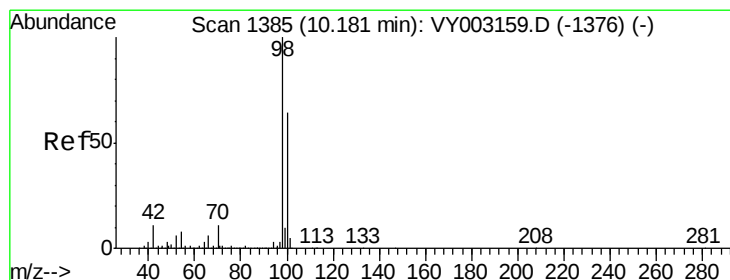
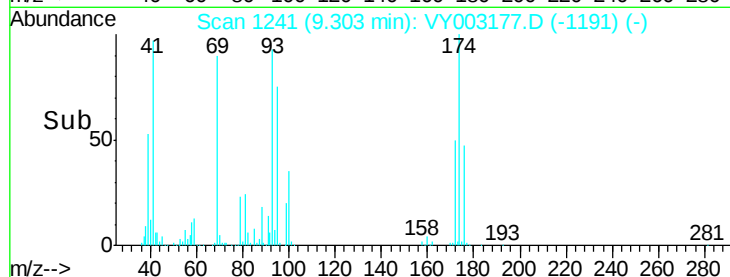
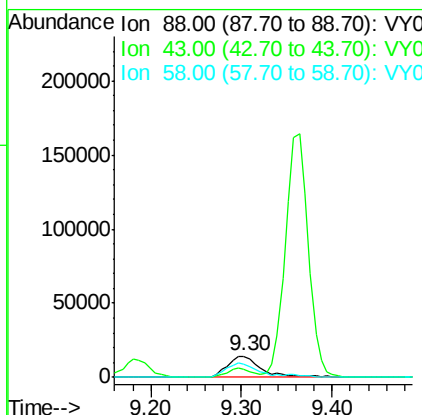
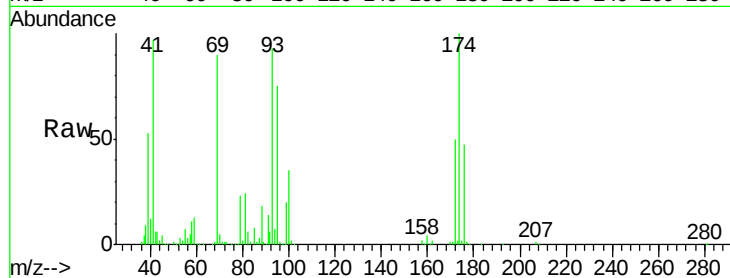
#49
1,4-Dioxane
Concen: 969.488 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.6	38.4
58	61.8	47.8	71.6

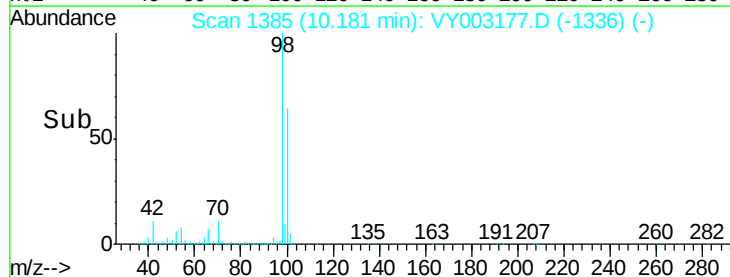
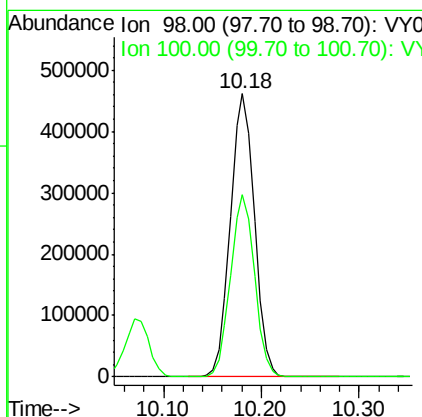
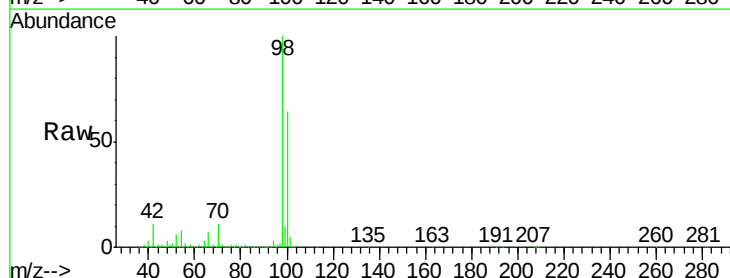
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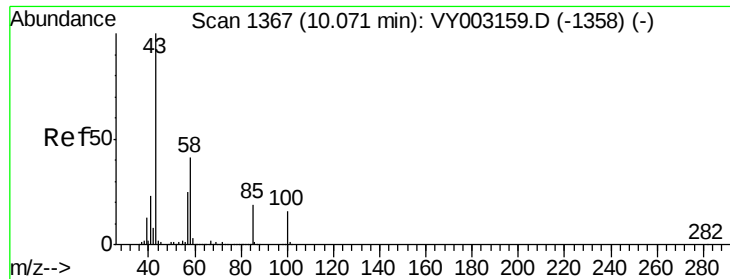
MMDadoda
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#50
Toluene-d8
Concen: 45.676 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 247.043 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 980479

Ion Ratio Lower Upper

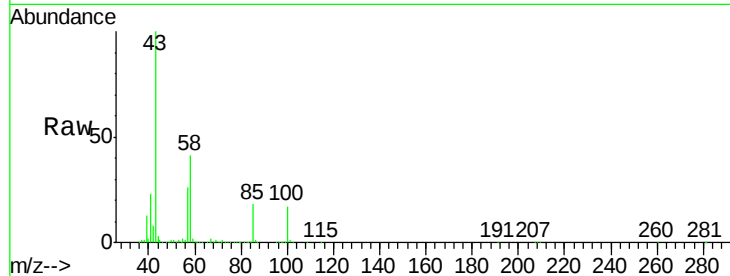
43 100

58 41.0 32.7 49.1

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

600000

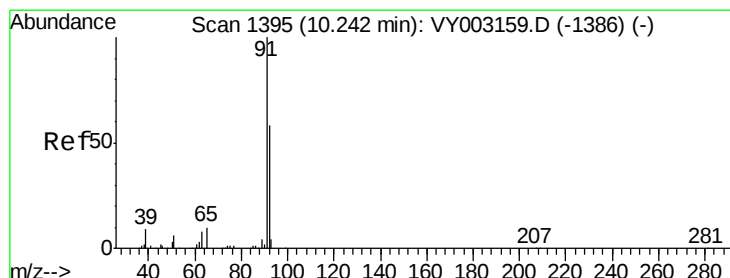
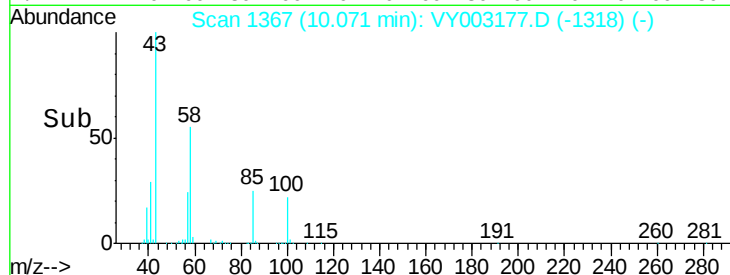
400000

200000

0

10.07

Time-->



#52

Toluene

Concen: 49.909 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003177.D

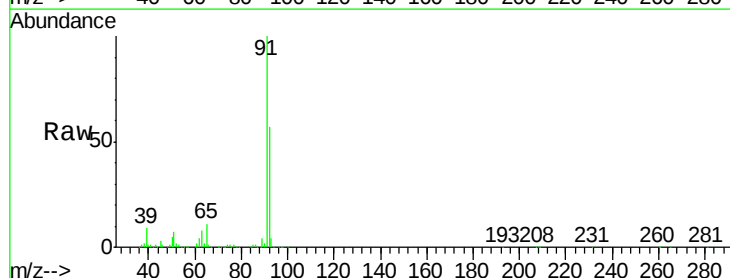
Acq: 13 Jul 2020 10:06

Tgt Ion: 92 Resp: 643425

Ion Ratio Lower Upper

92 100

91 174.2 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

600000

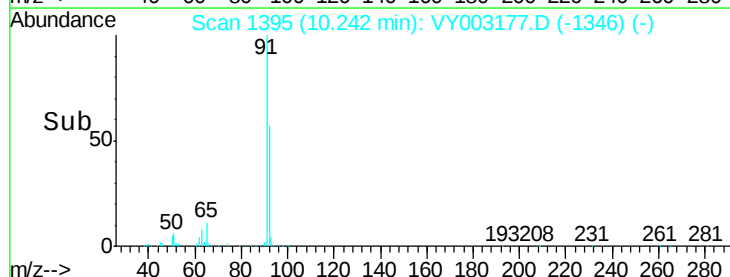
400000

200000

0

10.24

Time-->





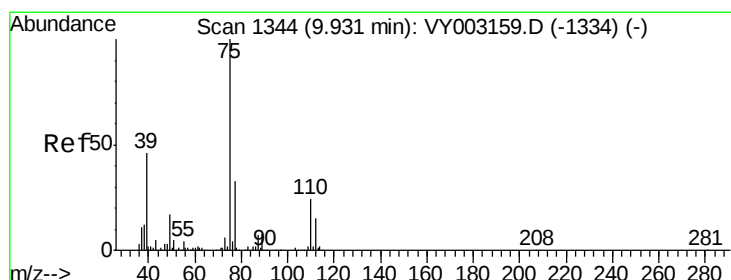
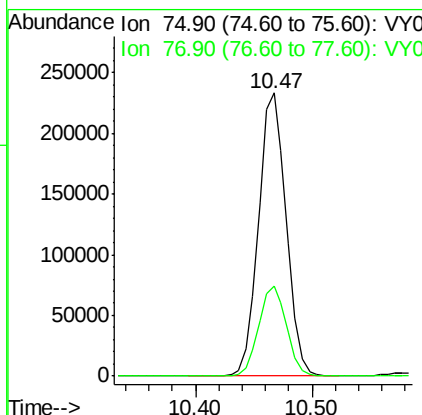
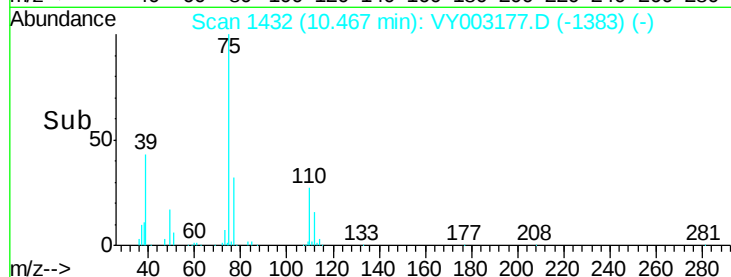
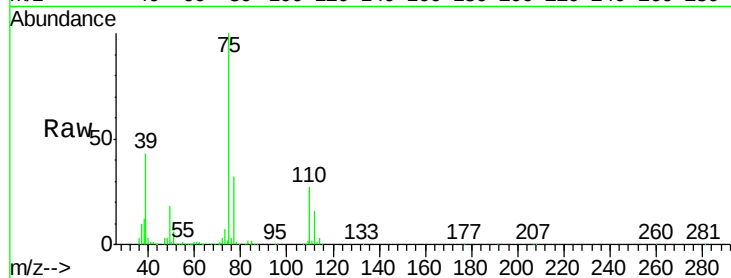
#53
t-1,3-Dichloropropene
Concen: 51.328 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 385544
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

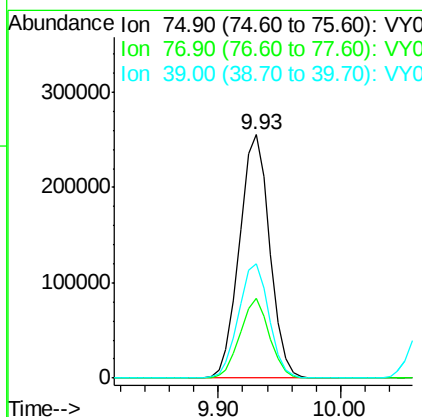
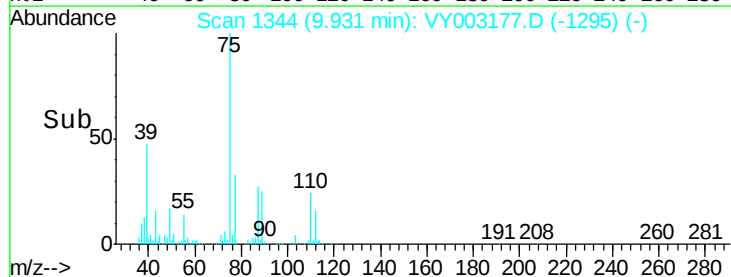
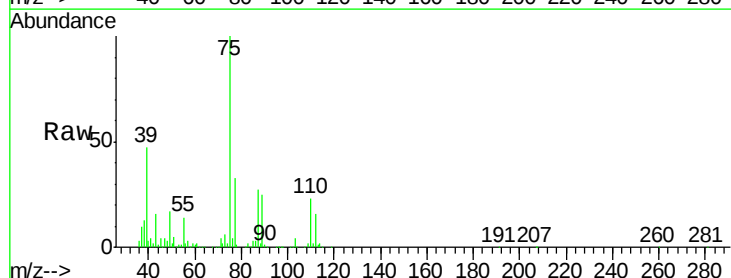
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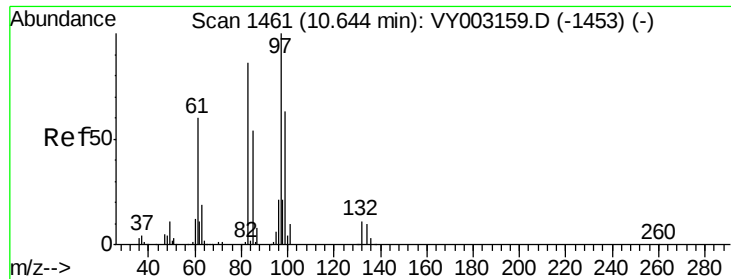
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#54
cis-1,3-Dichloropropene
Concen: 50.681 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion: 75 Resp: 438620
Ion Ratio Lower Upper
75 100
77 32.9 26.7 40.1
39 47.0 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 48.991 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

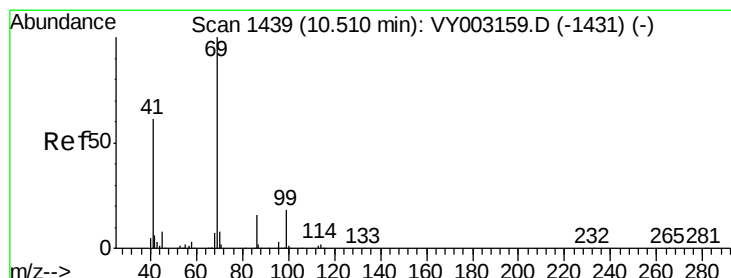
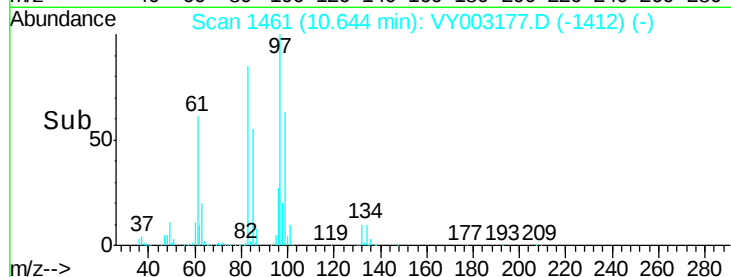
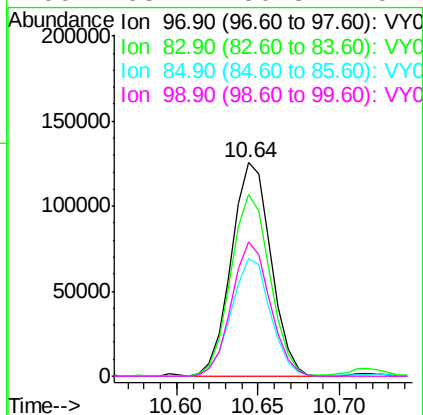
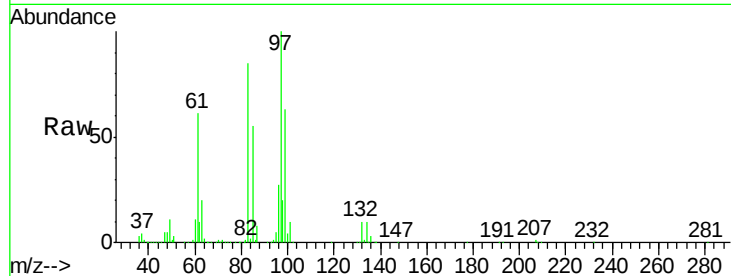
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	211614
Ion Ratio	Lower	Upper	
97	100		
83	84.8	68.8	103.2
85	55.4	43.1	64.7
99	63.1	50.8	76.2

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#56

Ethyl methacrylate

Concen: 51.051 ug/l

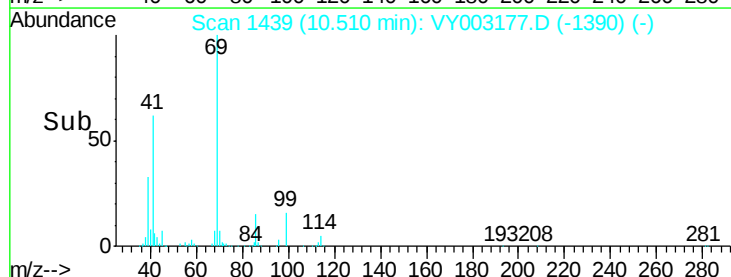
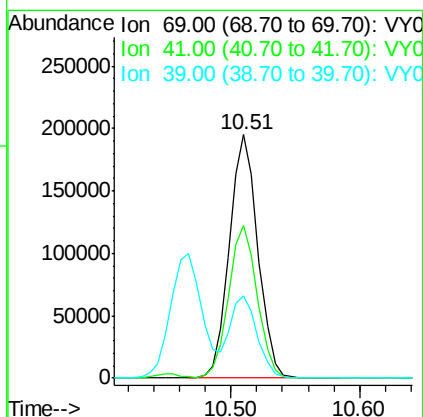
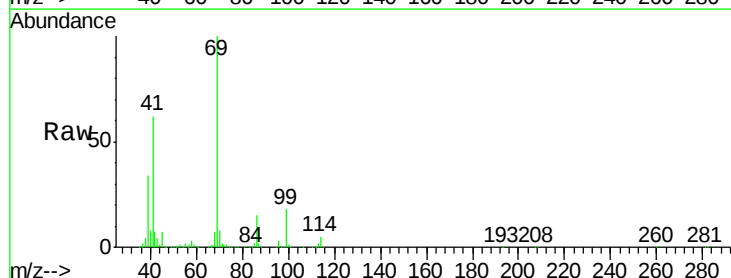
RT: 10.51 min Scan# 1439

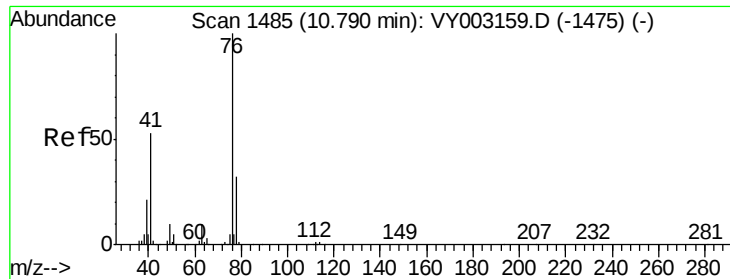
Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion:	69	Resp:	299798
Ion Ratio	Lower	Upper	
69	100		
41	62.8	50.0	75.0
39	32.1	27.6	41.4





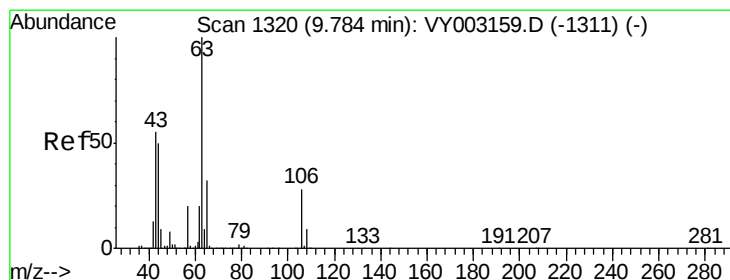
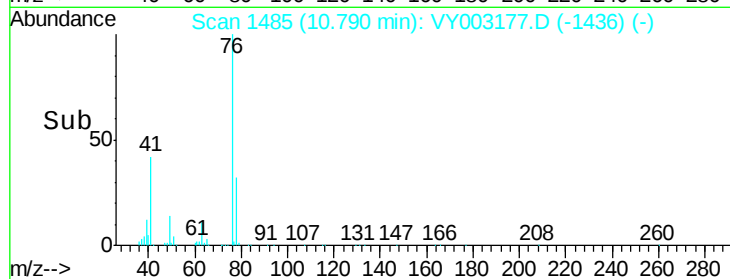
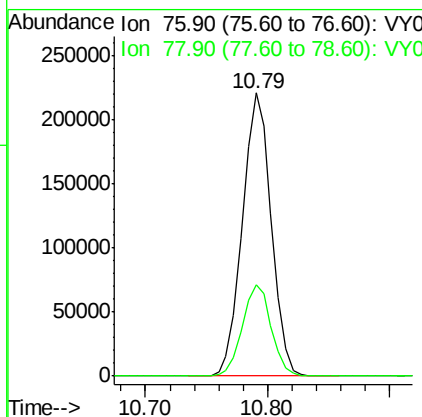
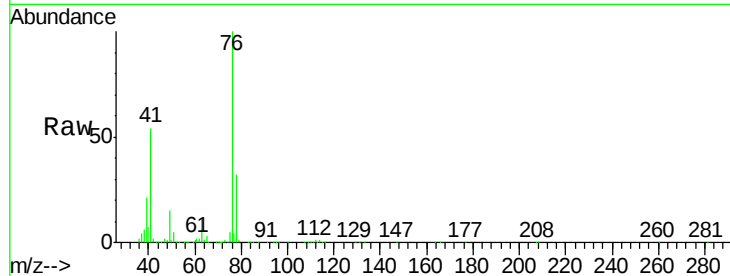
#57
 1,3-Dichloropropane
 Concen: 49.209 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.0	39.0

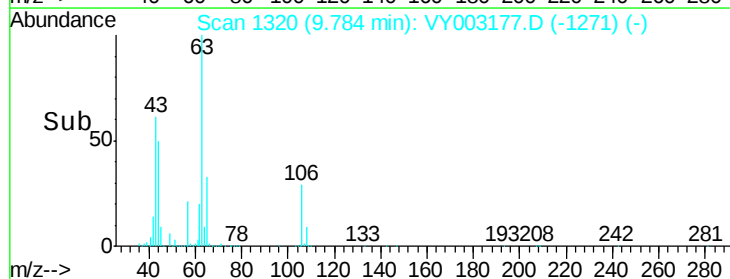
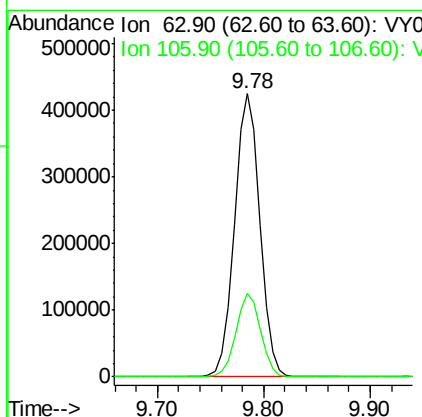
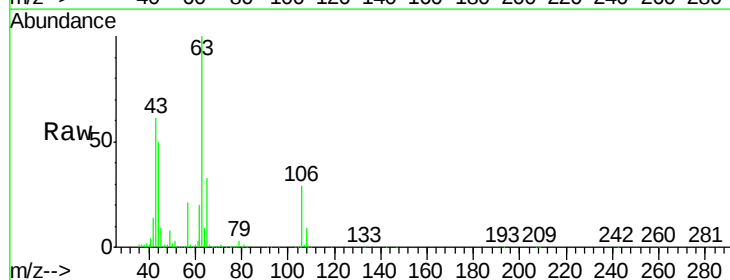
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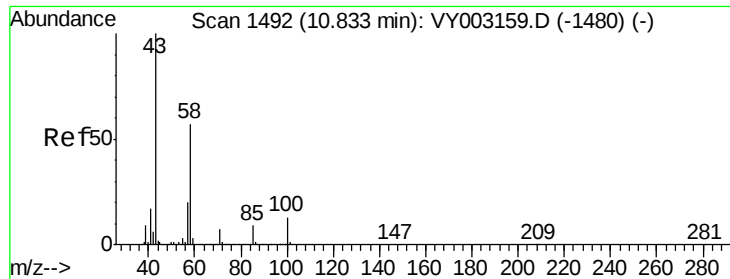
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 7/14/2020 11:37:14 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.833 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	22.9	34.3





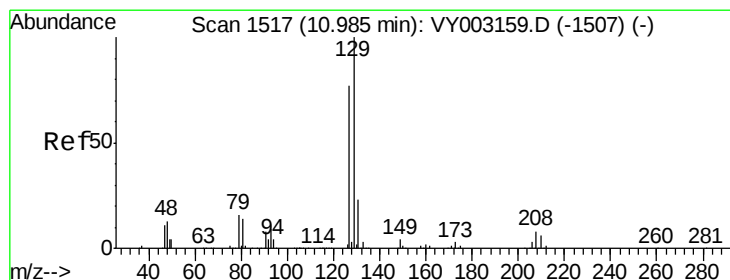
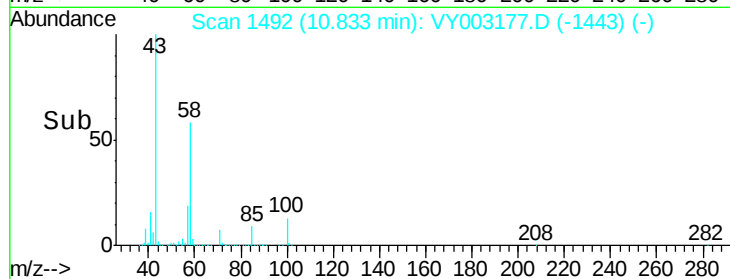
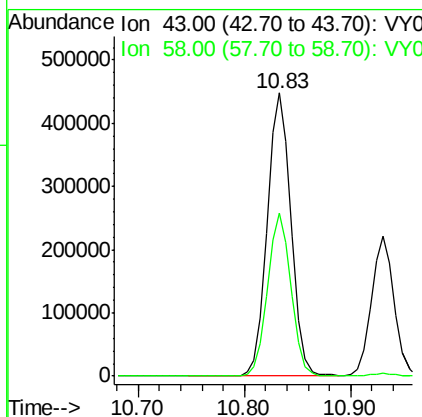
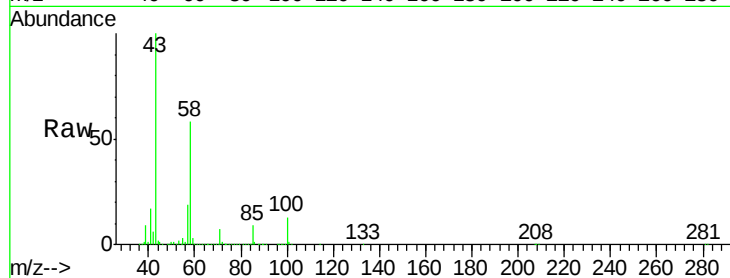
#59
2-Hexanone
Concen: 252.012 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 698213
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0

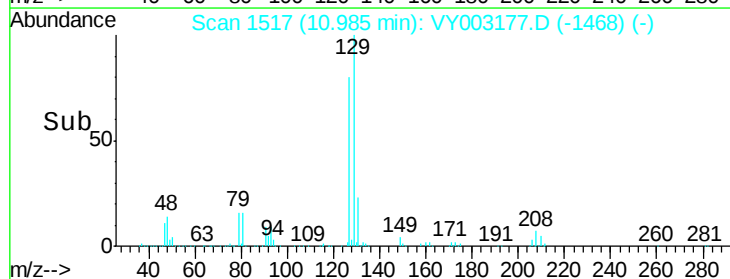
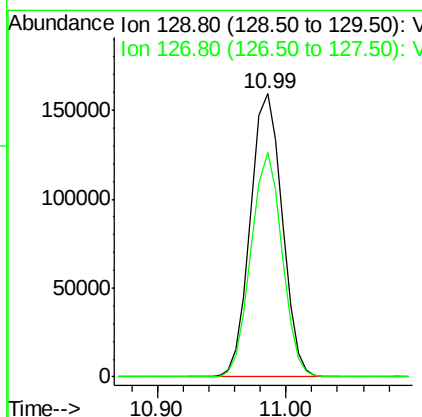
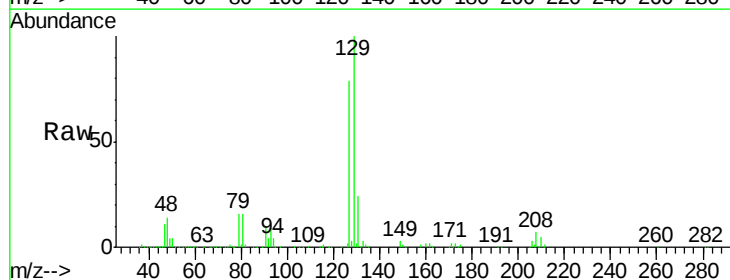
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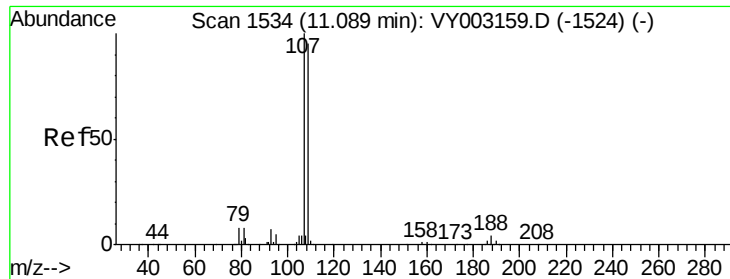
MMDadoda
7/14/2020 11:37:14 AM



#60
Dibromochloromethane
Concen: 50.062 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion: 129 Resp: 271983
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





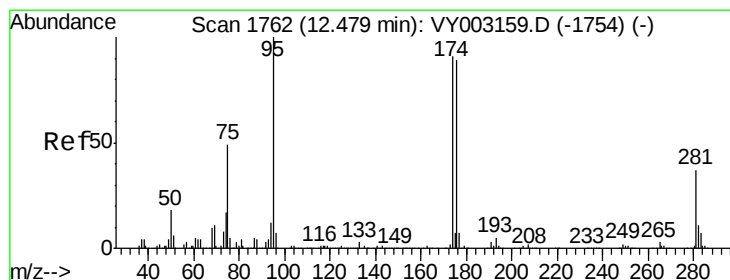
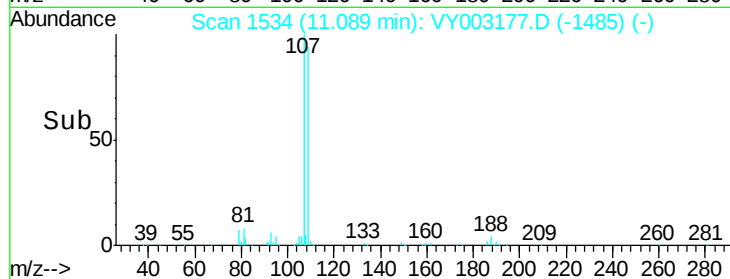
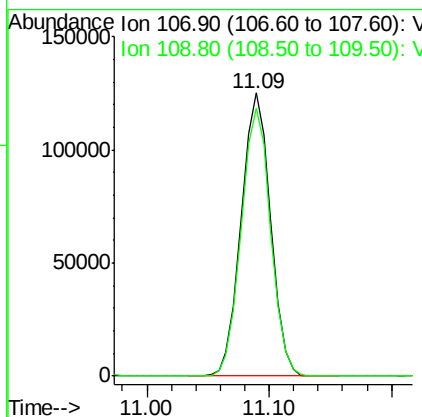
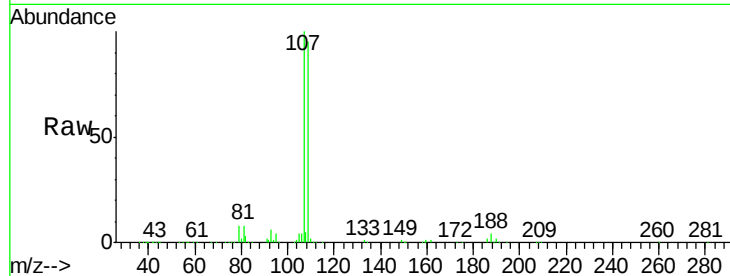
#61
 1,2-Dibromoethane
 Concen: 48.794 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	208017		
109	95.0	75.6	113.4	

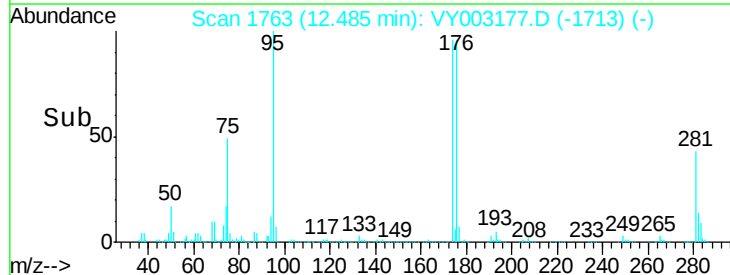
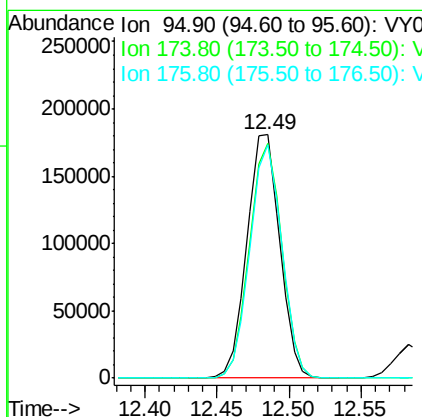
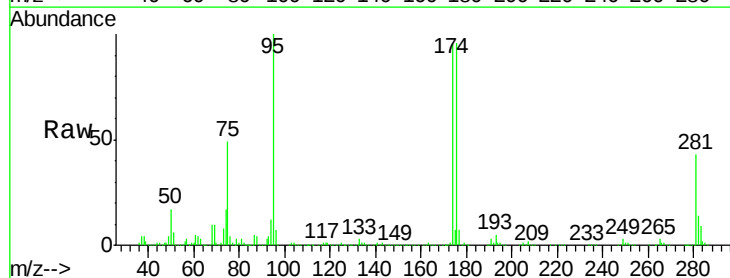
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#62
 4-Bromofluorobenzene
 Concen: 45.656 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	285215		
174	95.0	0.0	190.6	
176	93.4	0.0	186.4	





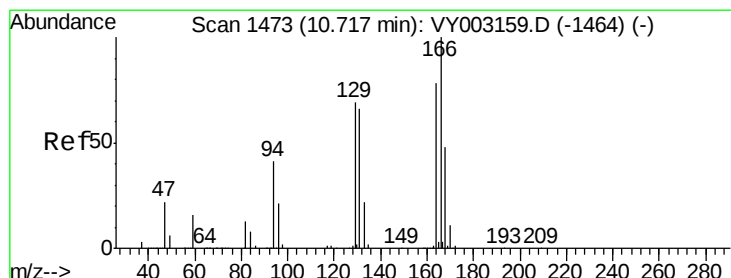
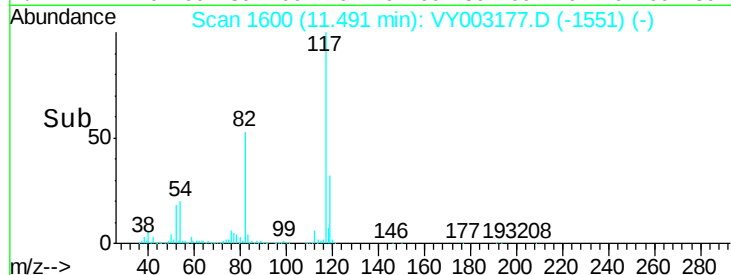
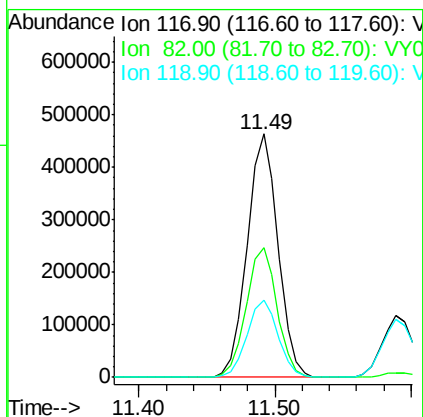
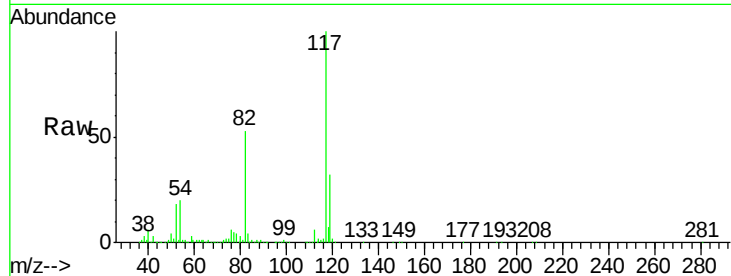
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.0	63.0
119	31.5	25.5	38.3

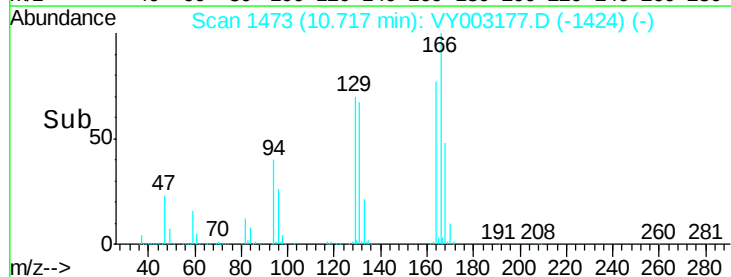
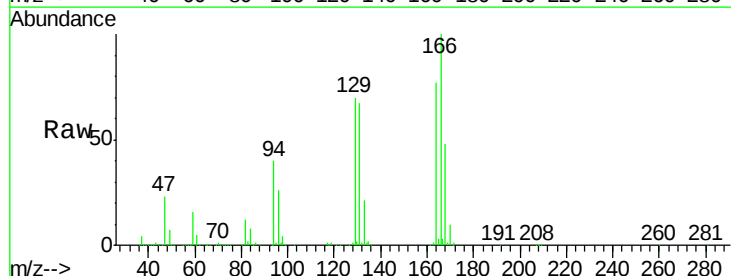
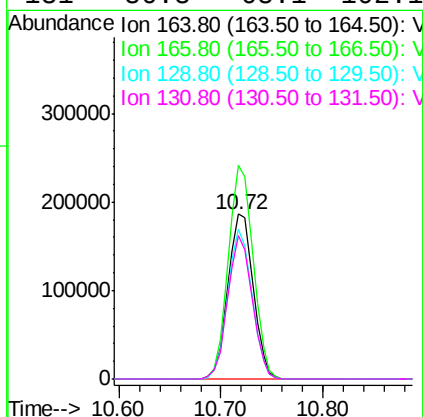
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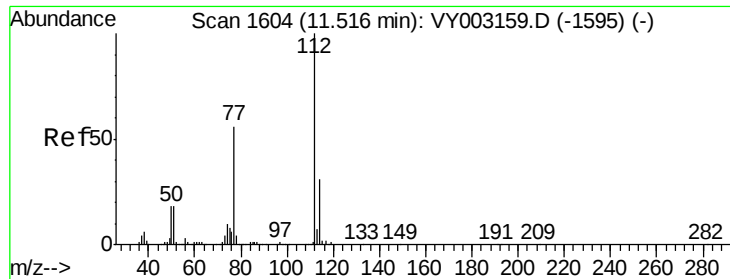
MMDadoda
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#64
Tetrachloroethene
Concen: 48.625 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.9	154.3
129	90.7	71.4	107.2
131	86.8	68.1	102.1





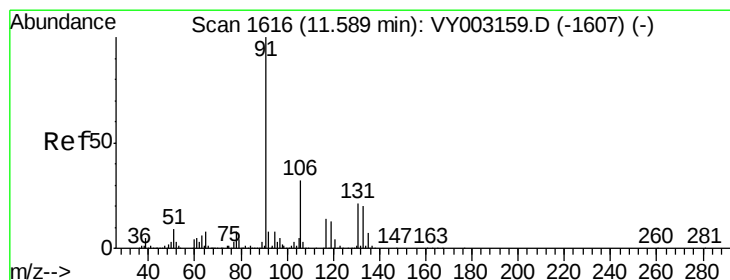
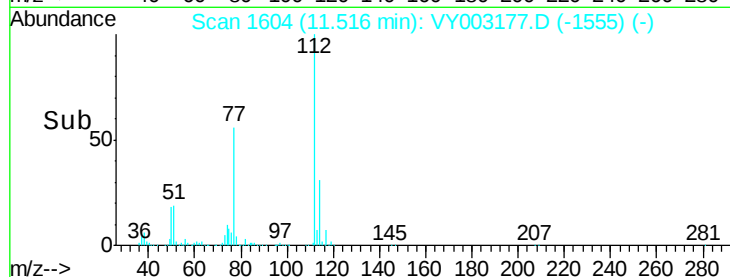
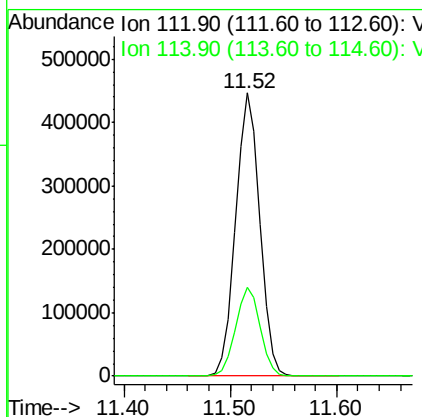
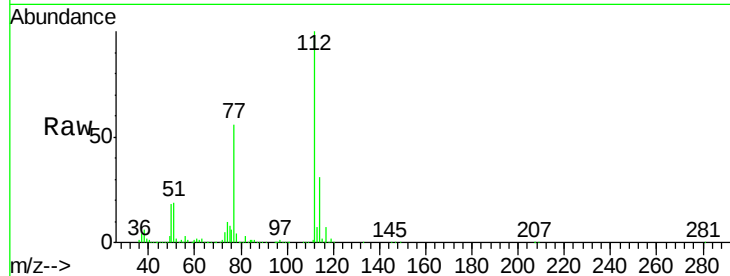
#65
Chlorobenzene
Concen: 50.313 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	24.7	37.1

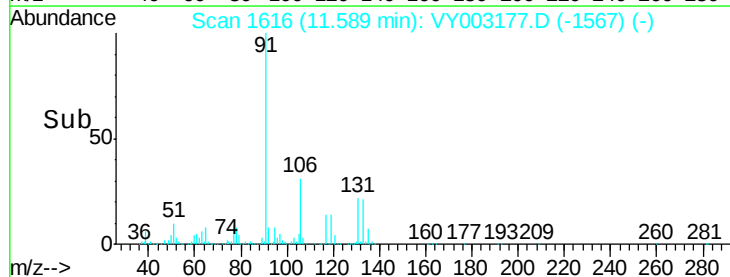
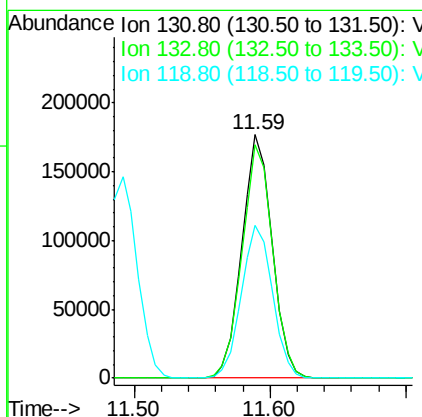
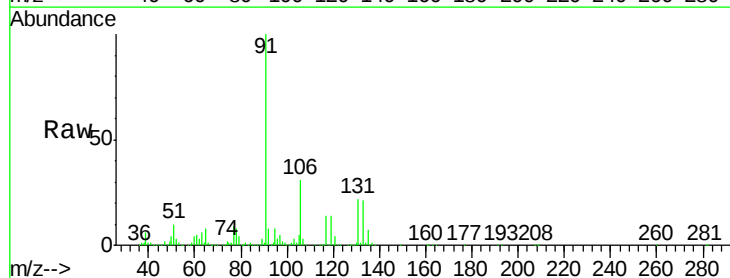
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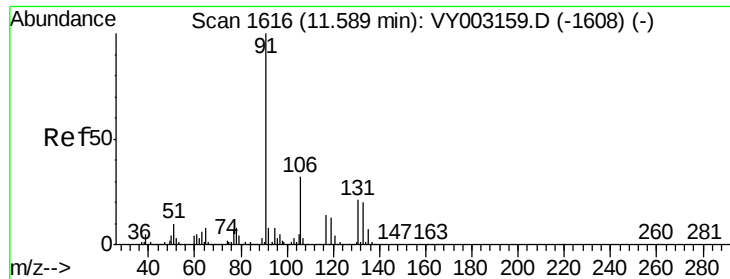
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.049 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	48.0	144.0
119	64.8	32.4	97.0





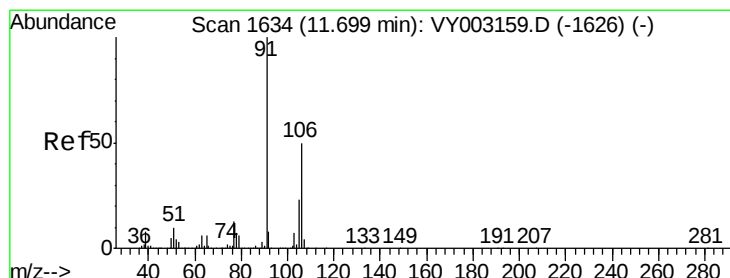
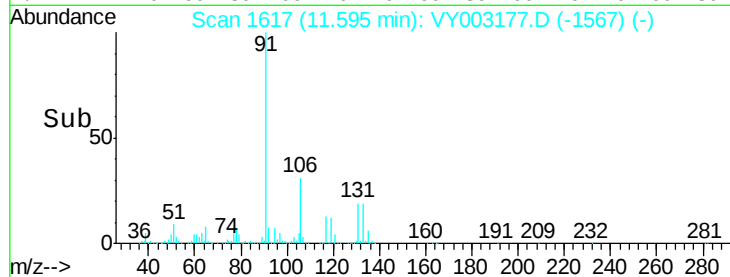
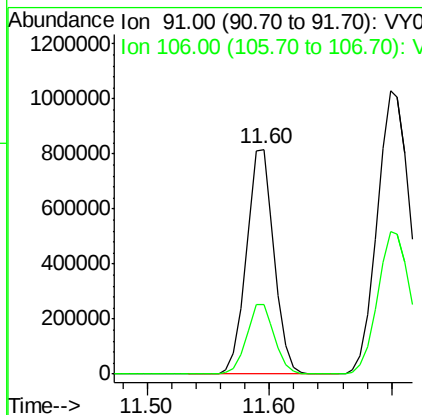
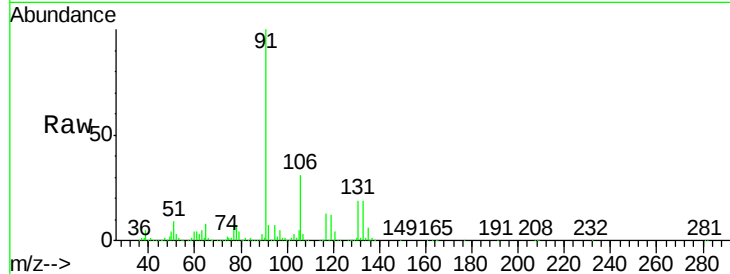
#67
Ethyl Benzene
Concen: 50.560 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1277738
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3

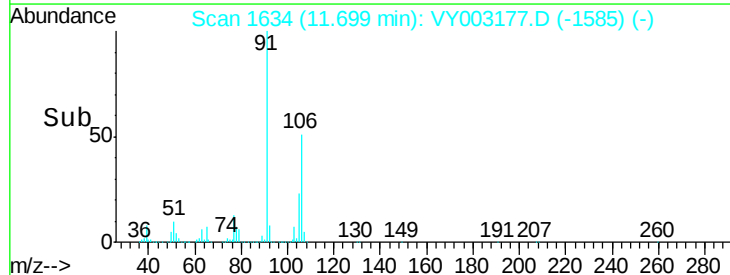
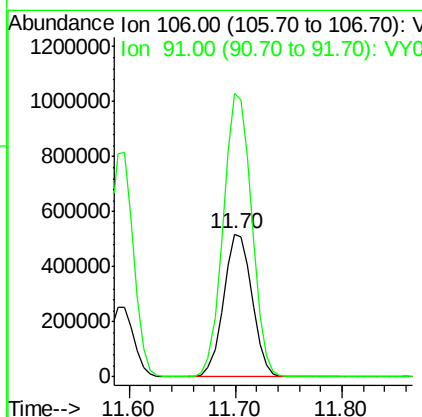
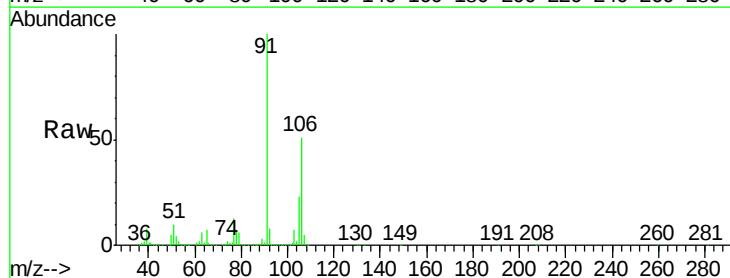
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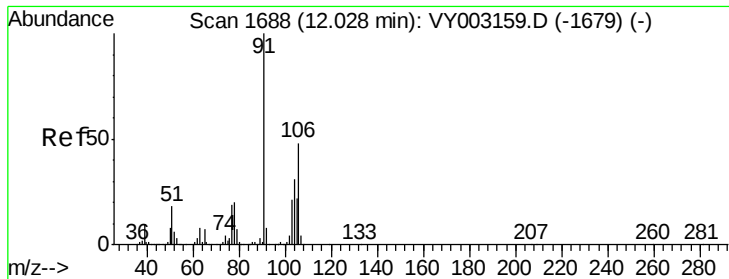
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#68
m/p-Xylenes
Concen: 101.189 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion: 106 Resp: 970272
Ion Ratio Lower Upper
106 100
91 198.4 159.0 238.6





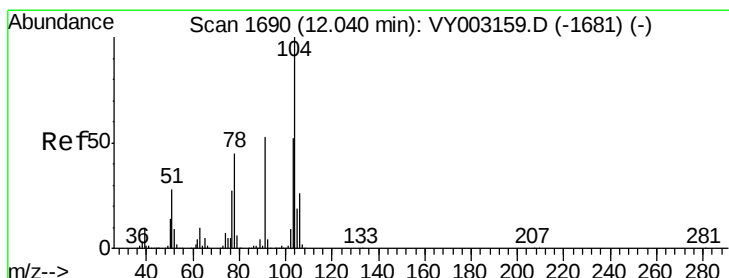
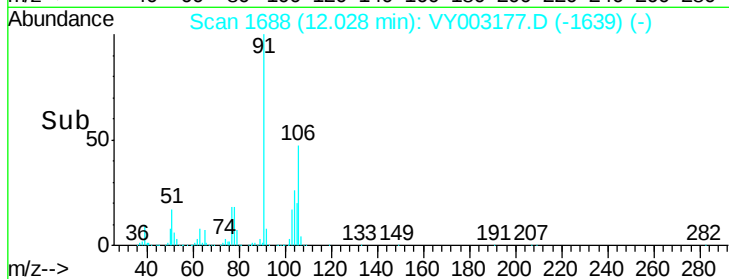
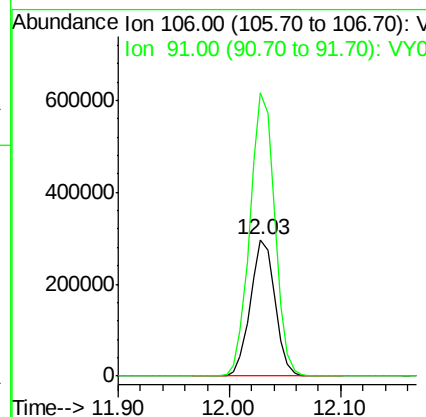
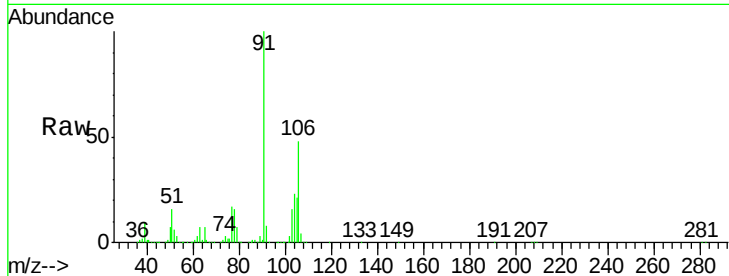
#69
o-Xylene
Concen: 50.717 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
454321	106	100		
	91	210.4	105.1	315.1

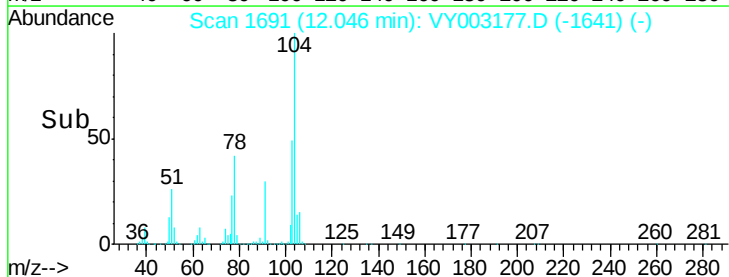
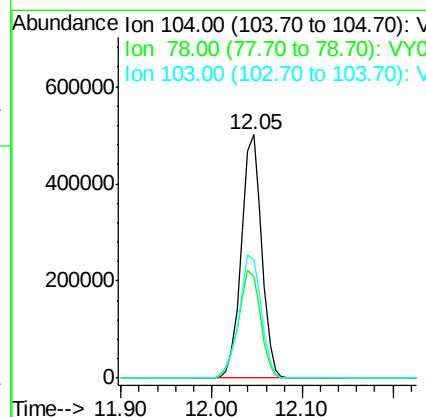
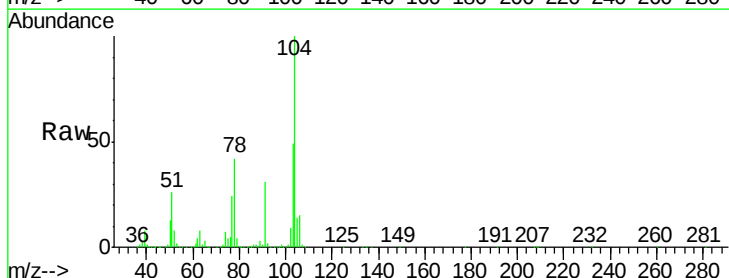
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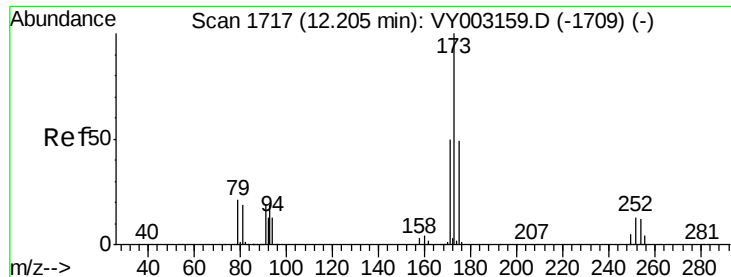
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#70
Styrene
Concen: 50.684 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ion	Ratio	Lower	Upper
776685	104	100		
	78	48.9	38.5	57.7
	103	55.2	43.9	65.9





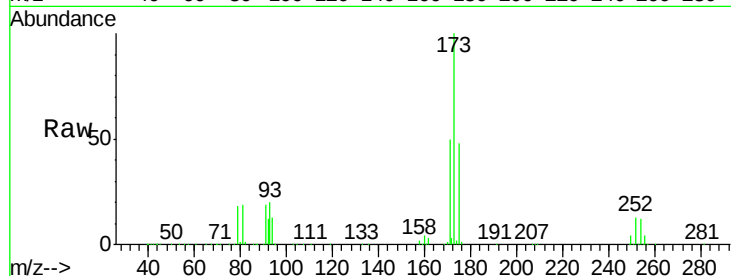
#71
Bromoform
Concen: 50.946 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

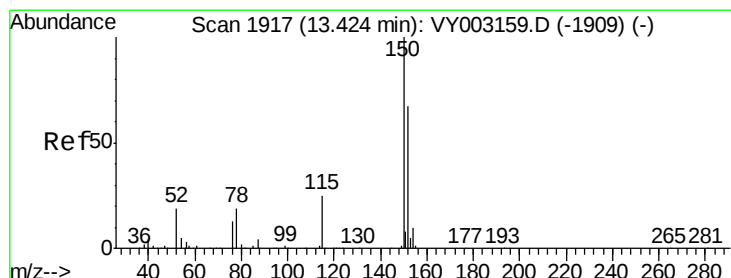
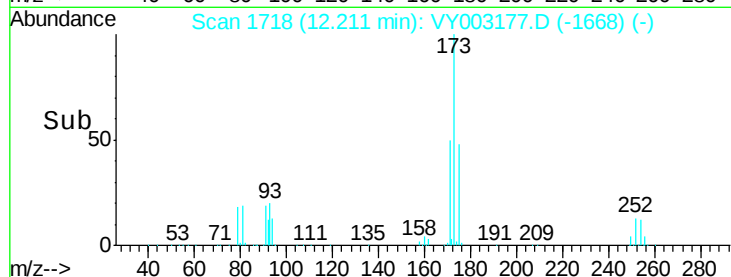
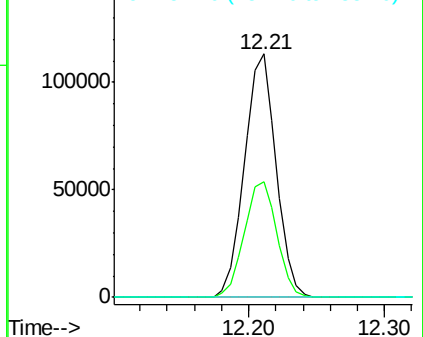
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	73.0
254	0.2	0.2	0.2

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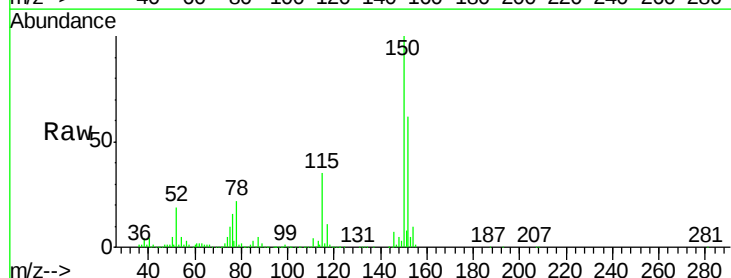


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

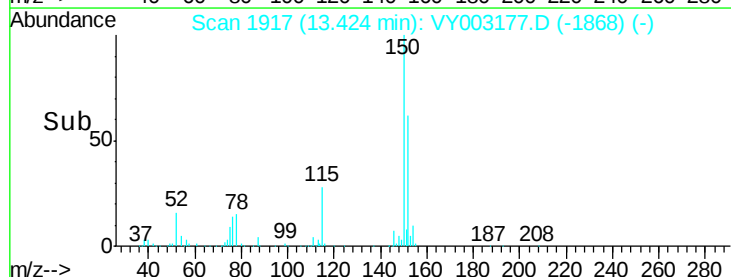
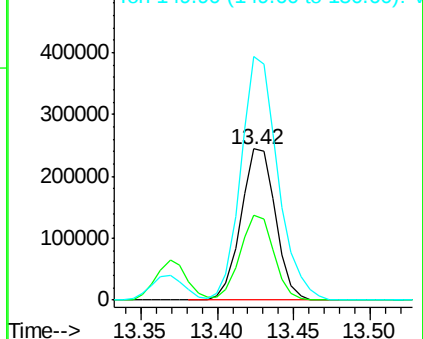


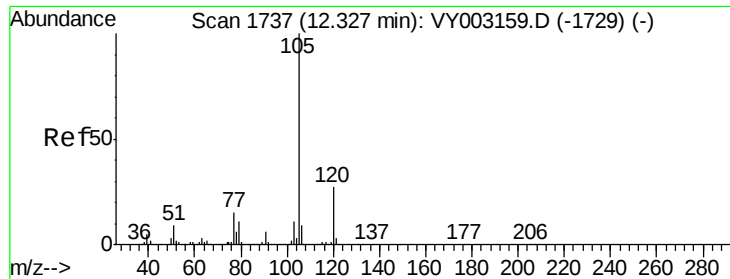
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.9	80.7
150	172.3	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: 51.434 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1250454

Ion Ratio Lower Upper

105 100

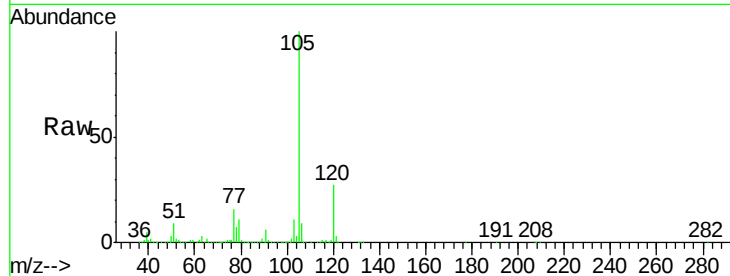
120 27.1 13.4 40.2

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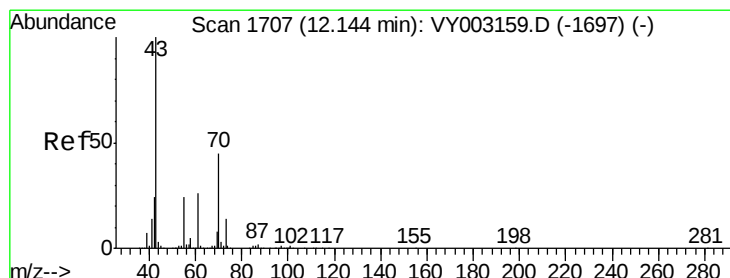
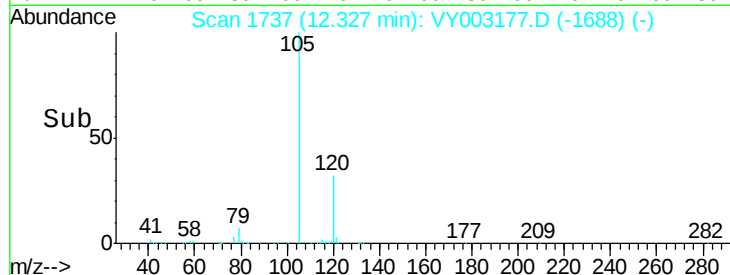
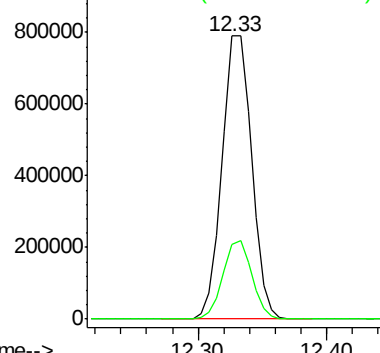
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.068 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion: 43 Resp: 355184

Ion Ratio Lower Upper

43 100

70 45.7 35.6 53.4

55 24.2 19.4 29.2

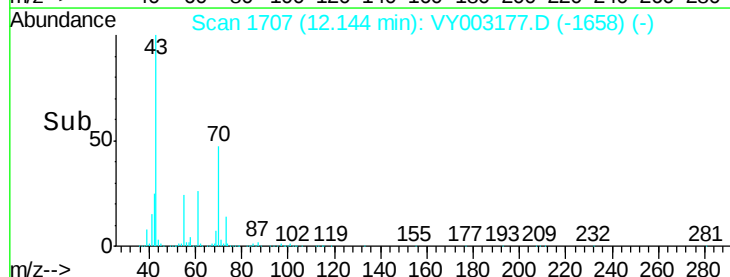
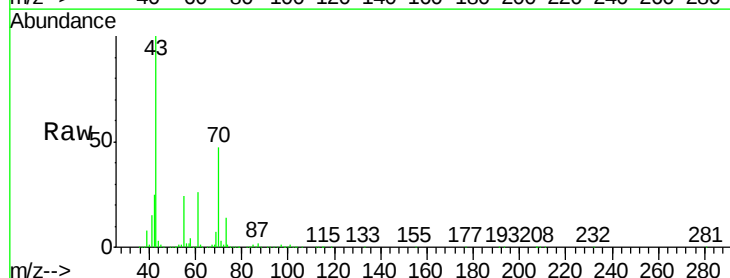
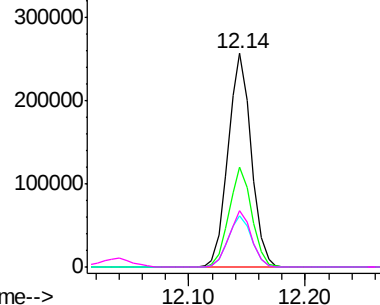
61 25.7 20.8 31.2

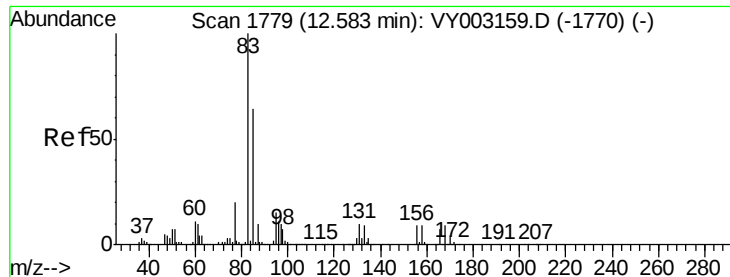
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.102 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

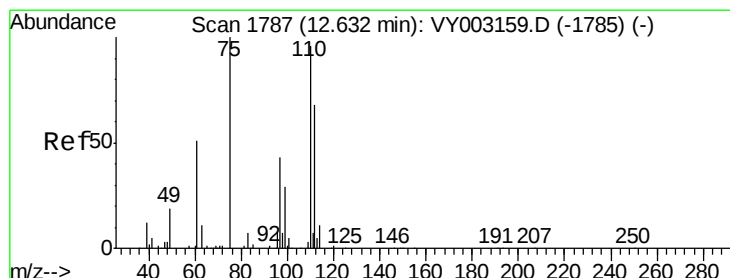
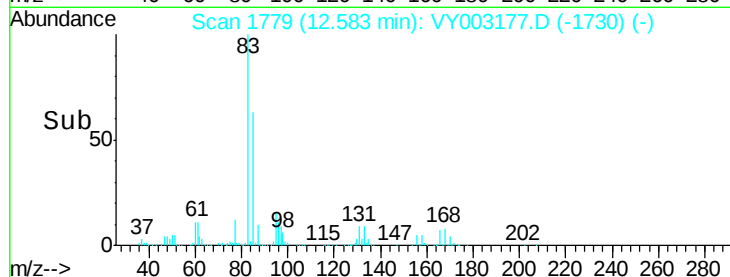
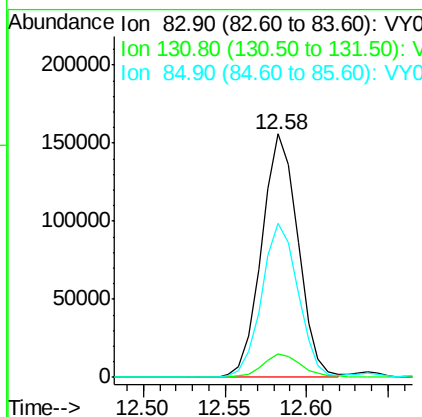
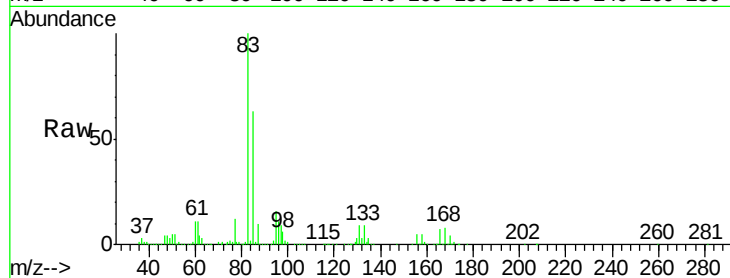
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	239947
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	63.3	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 54.514 ug/l m

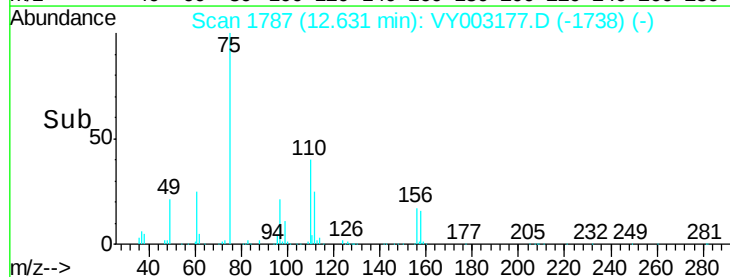
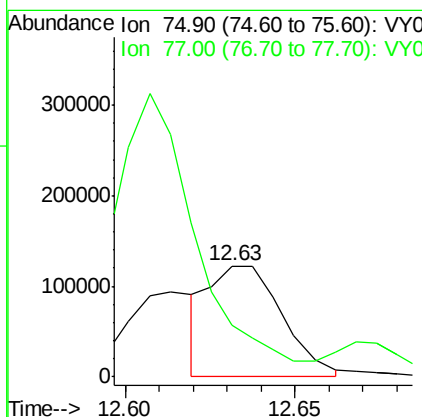
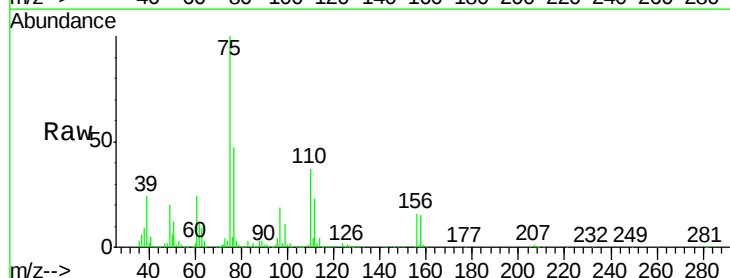
RT: 12.63 min Scan# 1787

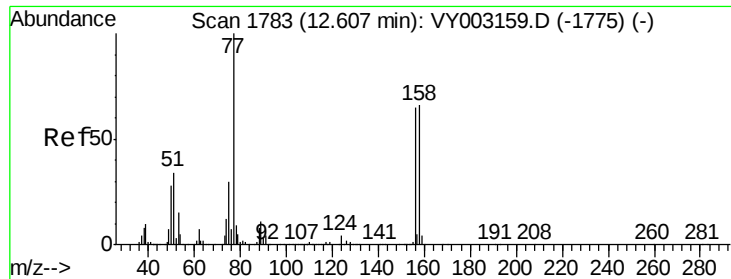
Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion:	75	Resp:	184090
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.277 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

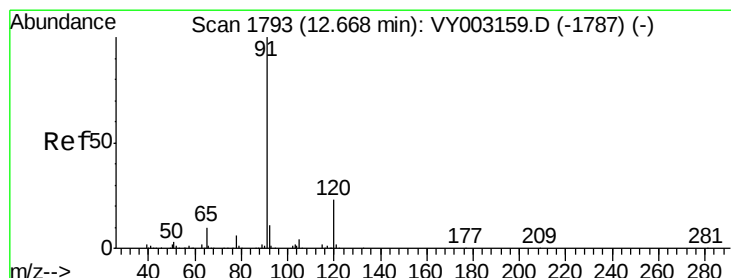
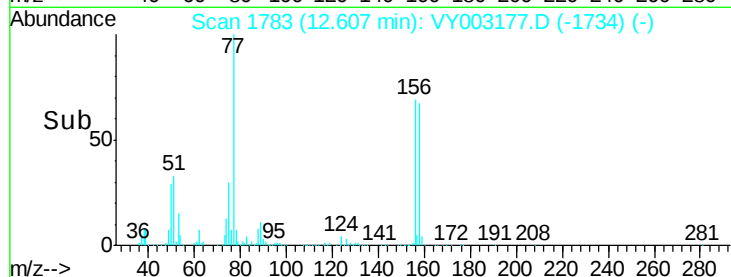
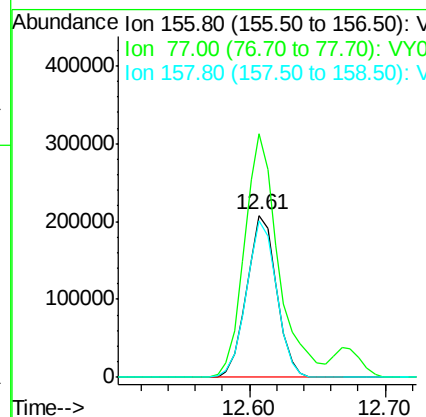
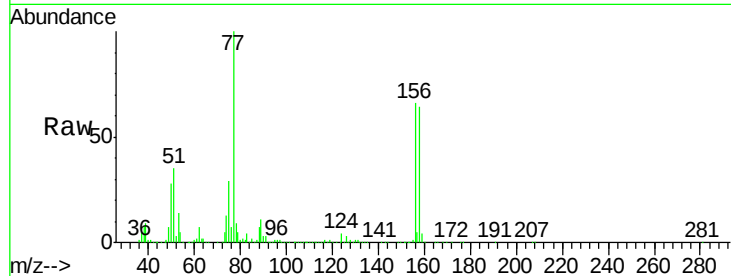
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	317772
Ion Ratio	Lower	Upper	
156	100		
77	172.1	86.6	259.7
158	97.8	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 51.850 ug/l

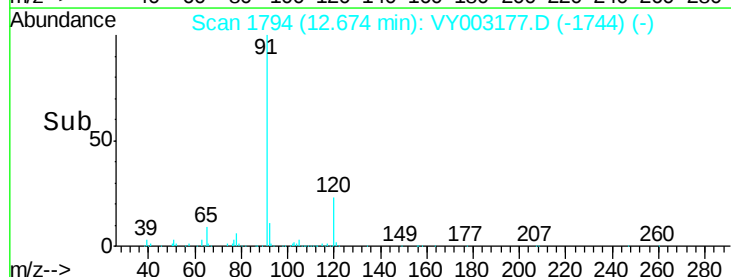
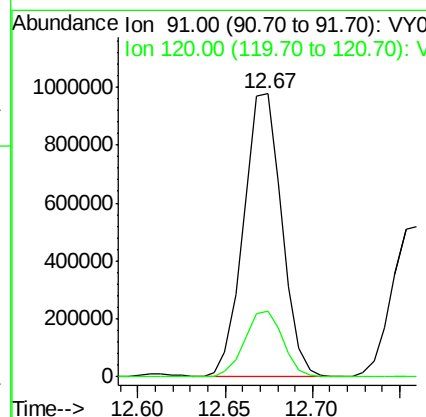
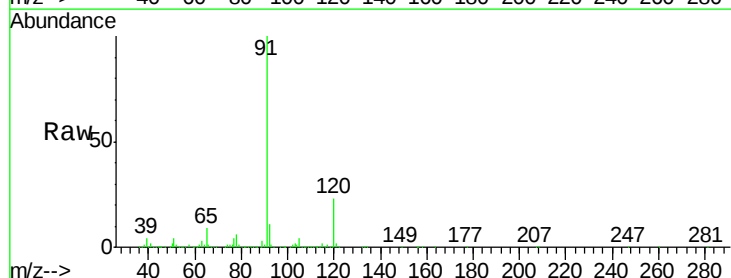
RT: 12.67 min Scan# 1794

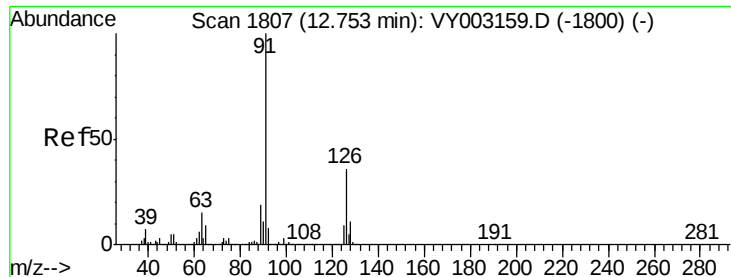
Delta R.T. 0.01 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion:	91	Resp:	1485905
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.569 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 824542

Ion Ratio Lower Upper

91 100

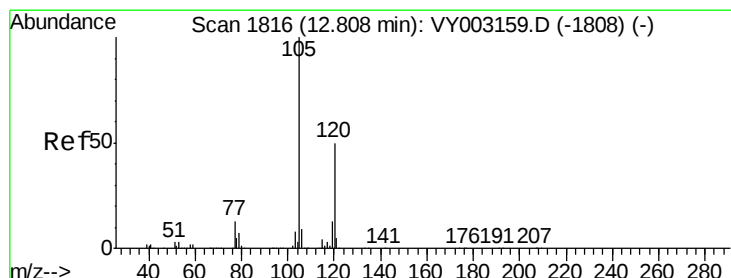
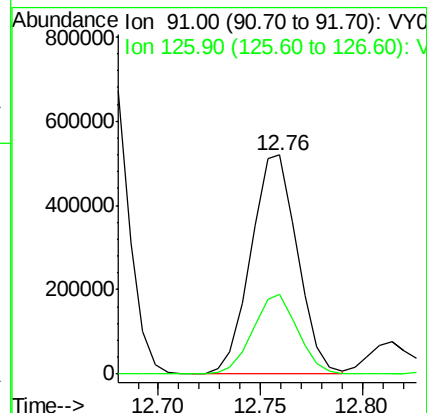
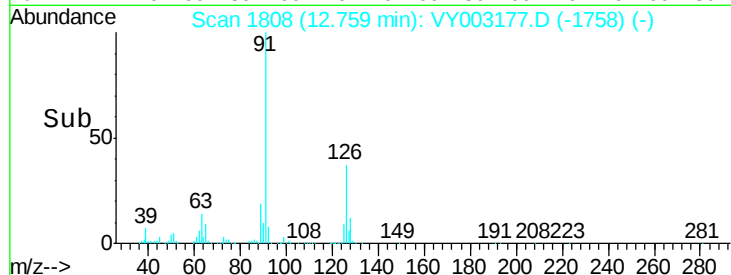
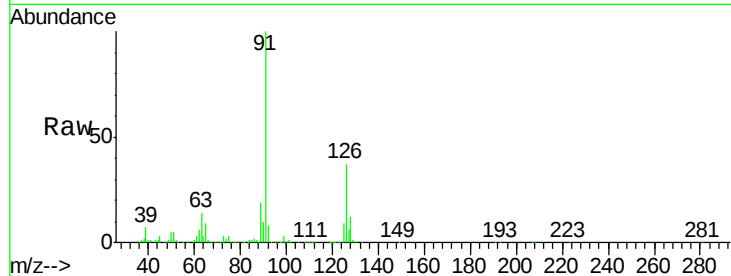
126 35.3 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.128 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003177.D

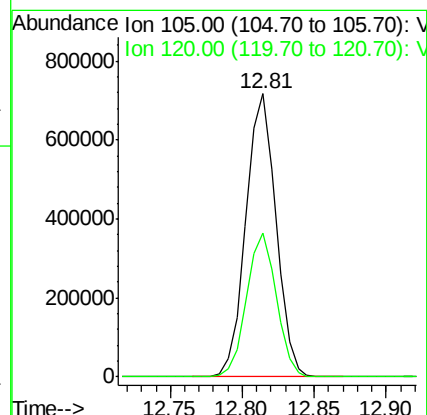
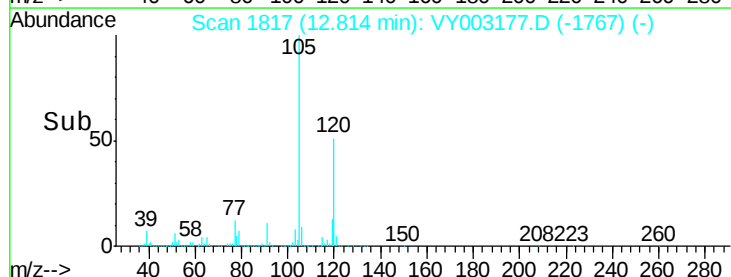
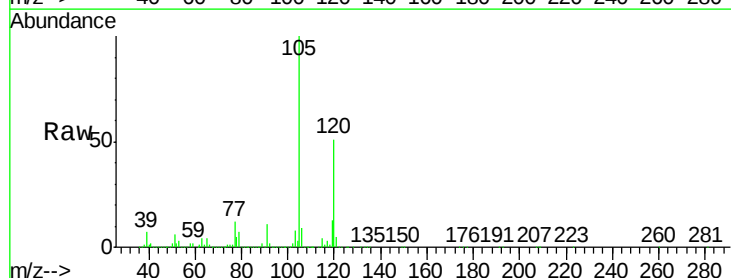
Acq: 13 Jul 2020 10:06

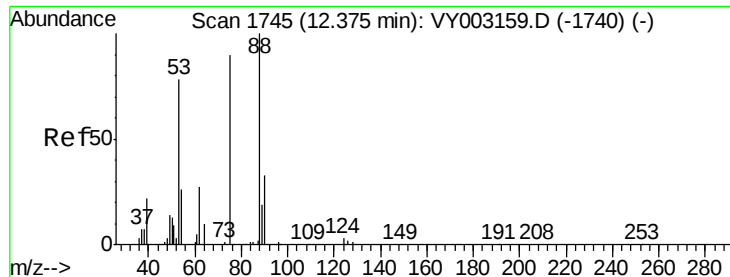
Tgt Ion: 105 Resp: 1035997

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.905 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 91799

Ion Ratio Lower Upper

75 100

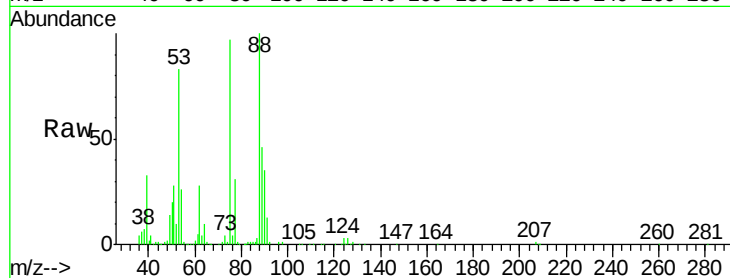
53 86.4 72.0 108.0

89 0.0 37.3 55.9#

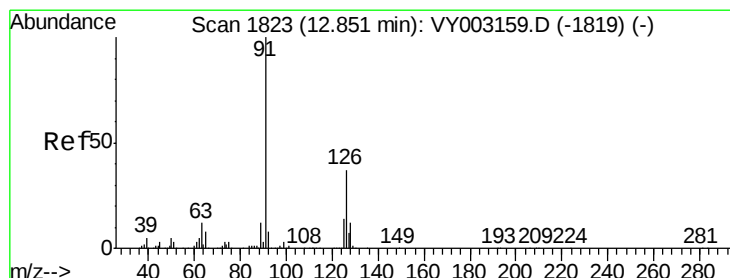
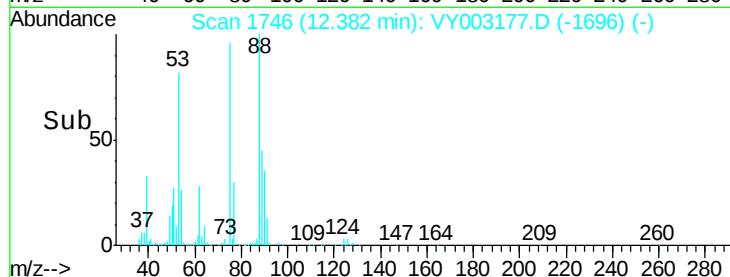
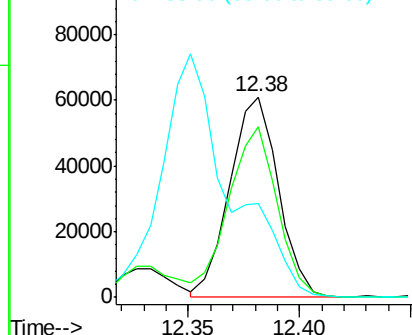
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Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.841 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003177.D

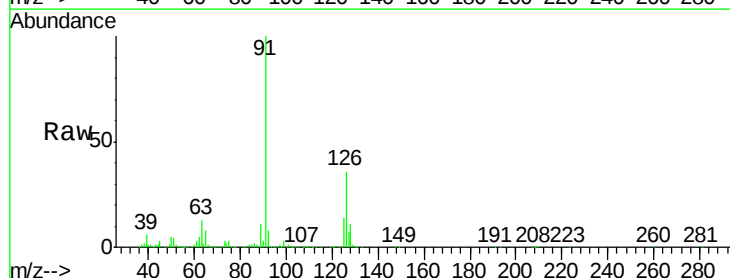
Acq: 13 Jul 2020 10:06

Tgt Ion: 91 Resp: 865162

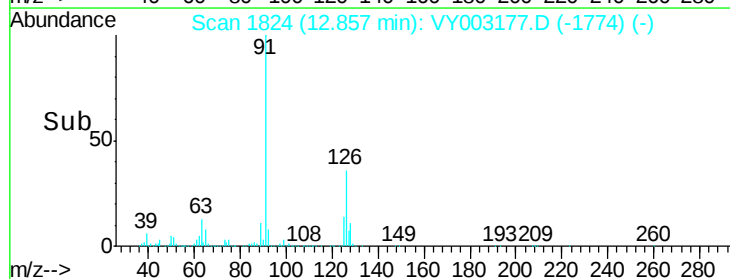
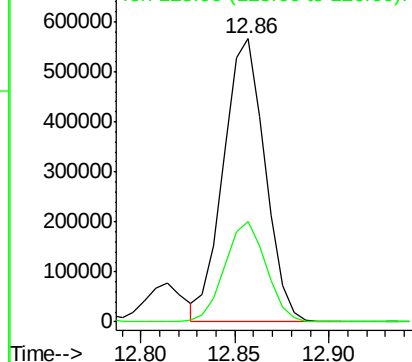
Ion Ratio Lower Upper

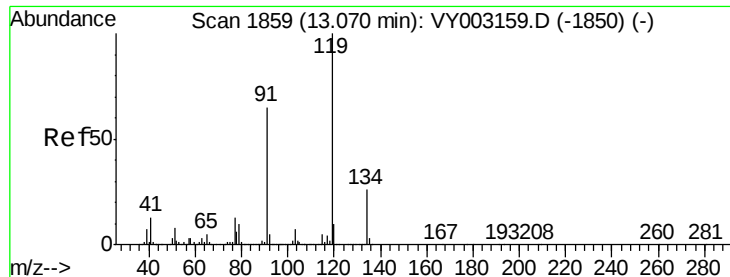
91 100

126 35.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): VY0





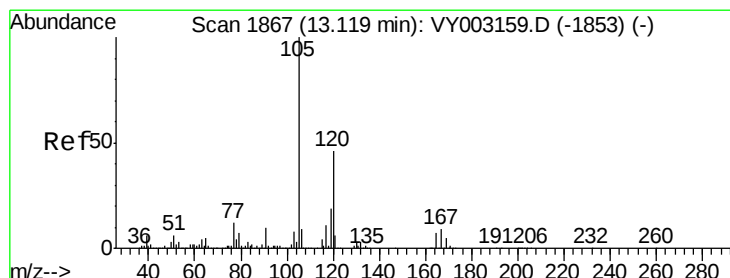
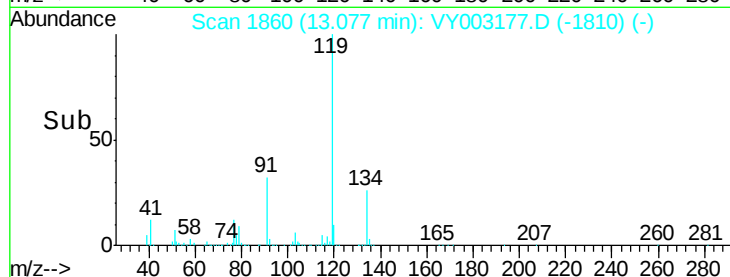
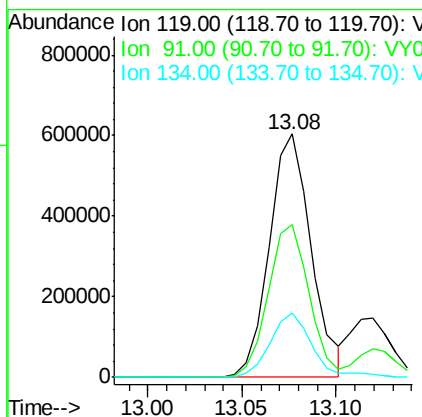
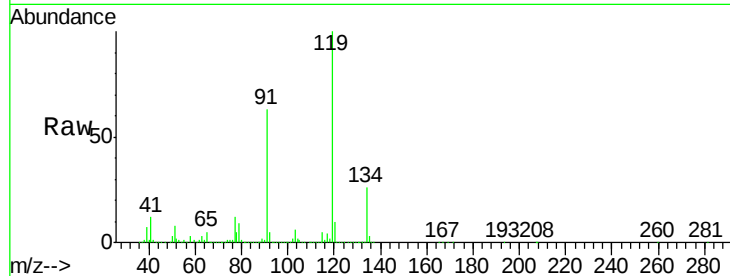
#83
tert-Butylbenzene
Concen: 51.931 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	30.8	92.4
134	26.8	13.2	39.6

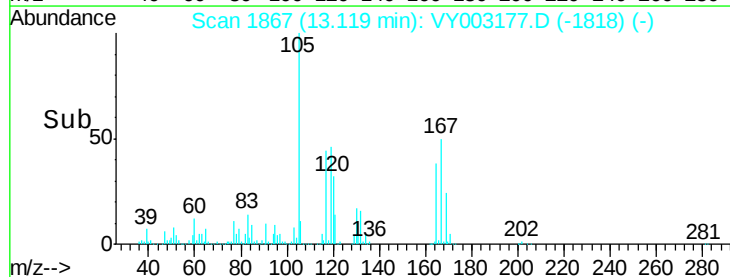
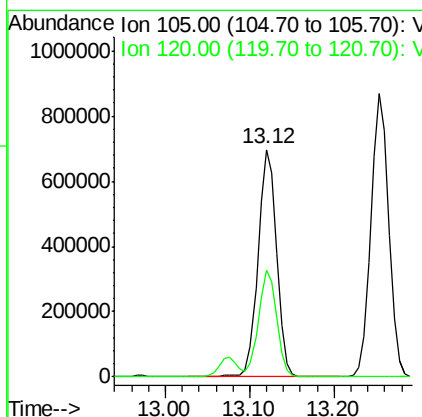
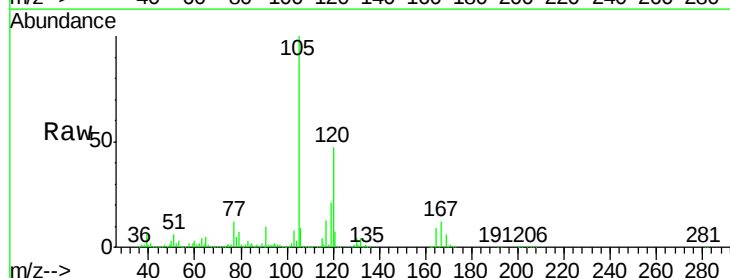
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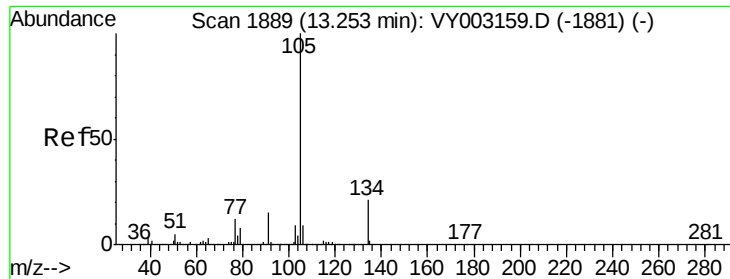
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#84
1,2,4-Trimethylbenzene
Concen: 51.321 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.5	67.5





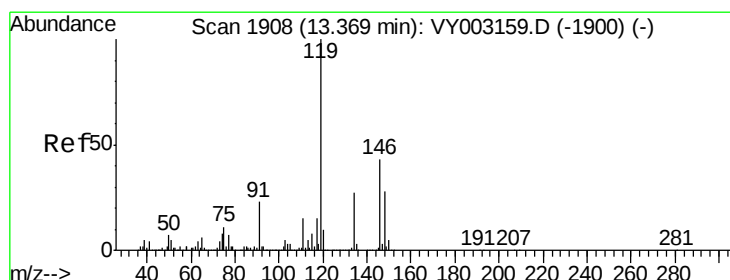
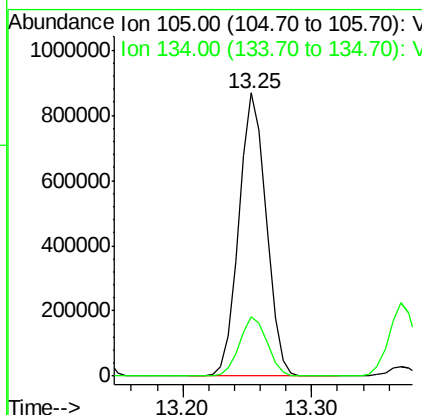
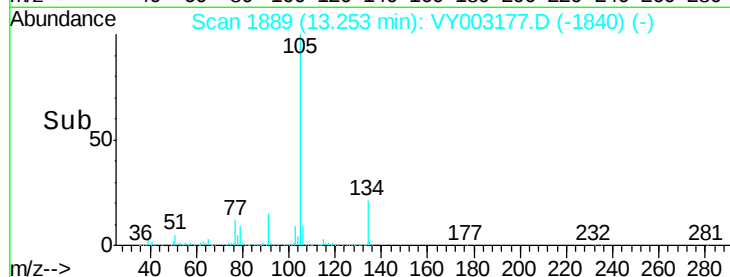
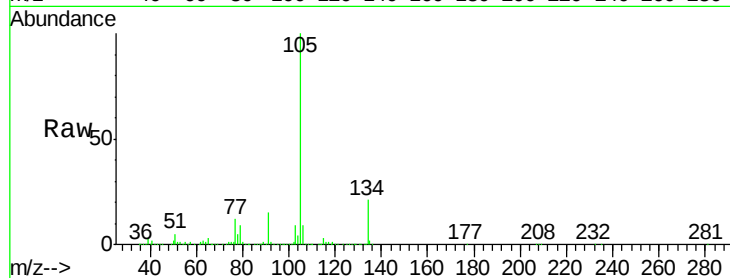
#85
 sec-Butylbenzene
 Concen: 51.752 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1271753
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4

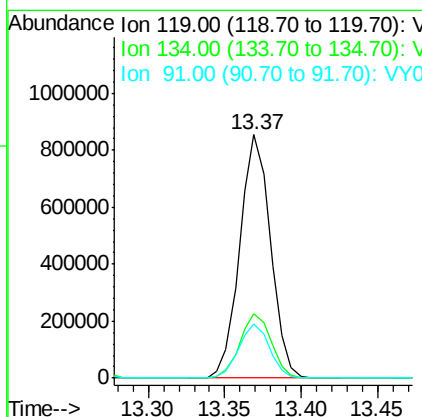
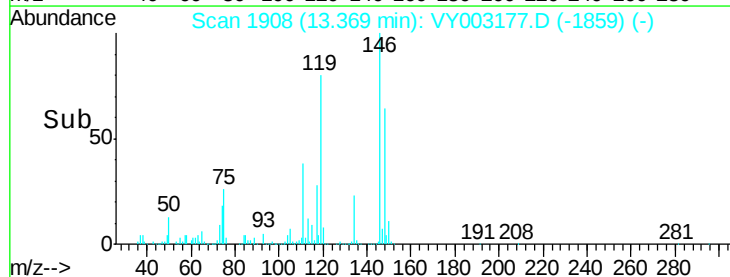
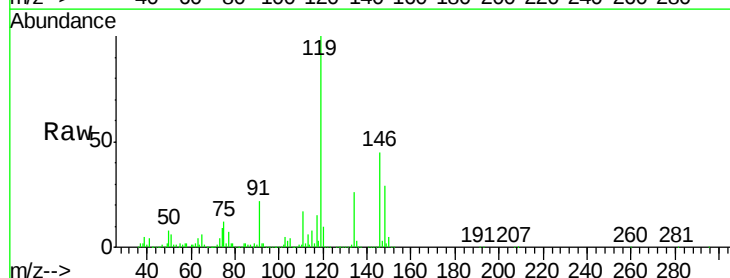
Manual Integrations
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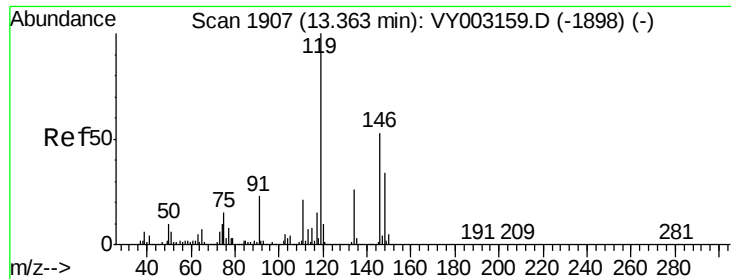
MMDadoda
 7/14/2020 11:37:14 AM



#86
 p-Isopropyltoluene
 Concen: 51.921 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Tgt Ion:119 Resp: 1191318
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 22.3 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 50.846 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

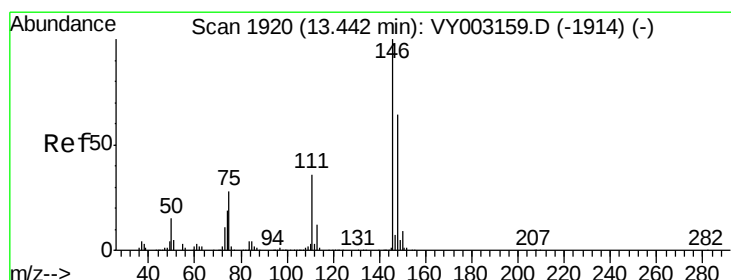
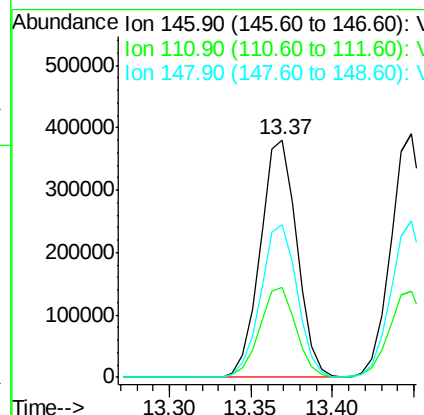
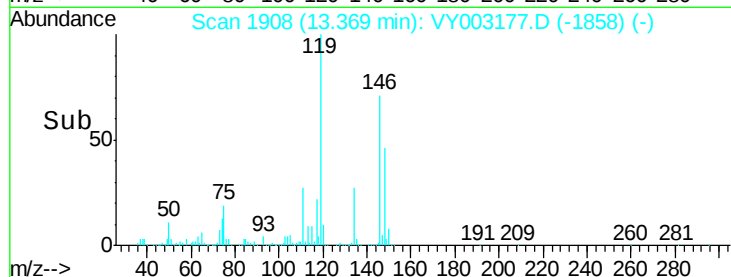
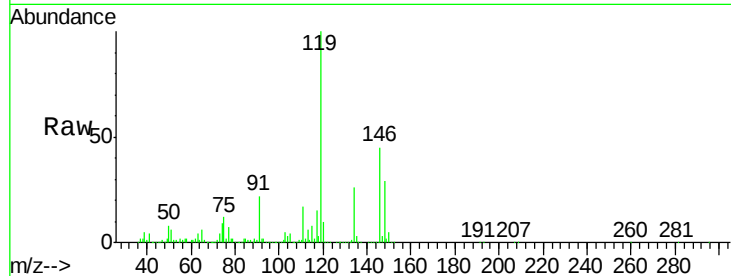
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	595875		
111	37.4	18.8	56.3	
148	63.8	32.3	96.9	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.640 ug/l

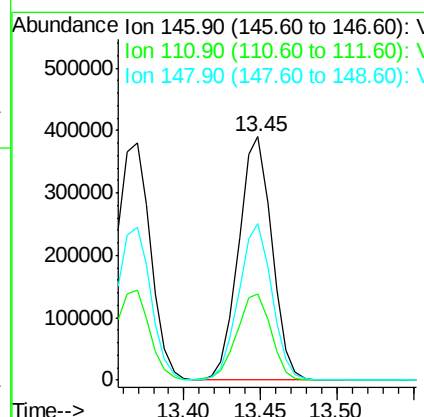
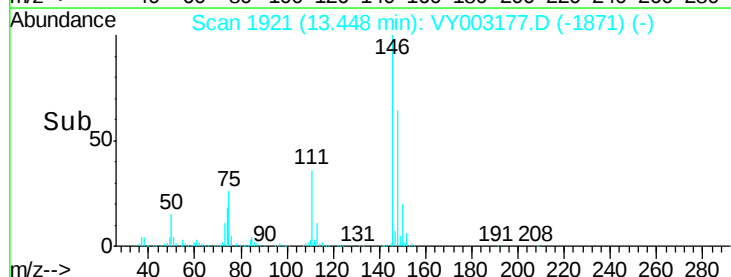
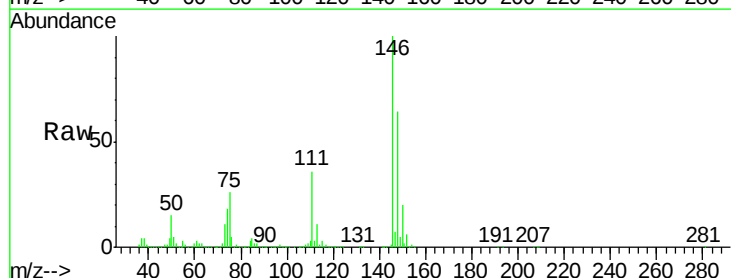
RT: 13.45 min Scan# 1921

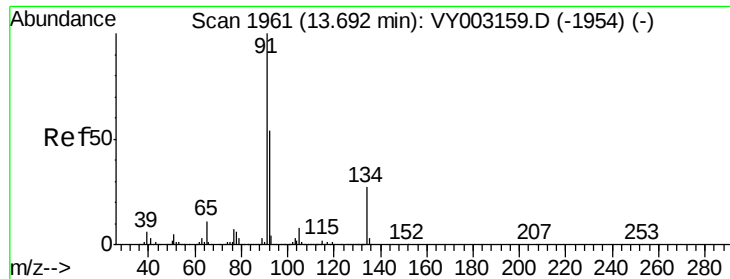
Delta R.T. 0.01 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	587559		
111	36.5	18.4	55.0	
148	64.4	32.0	96.0	





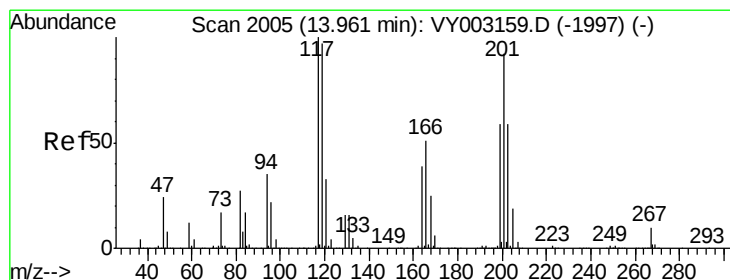
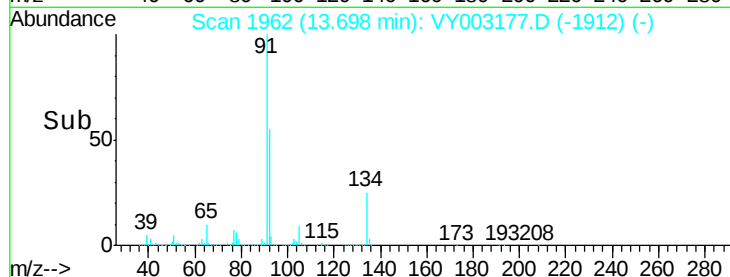
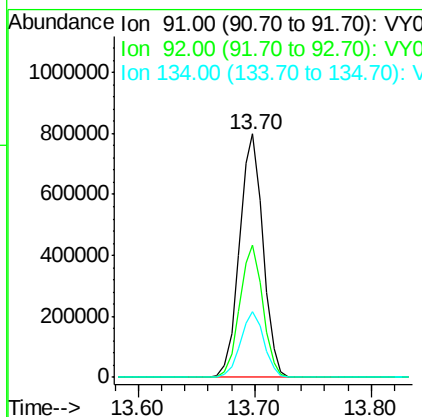
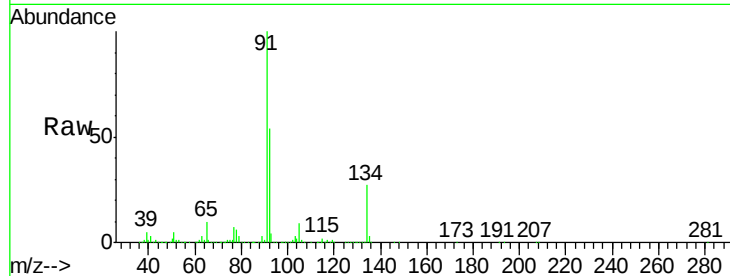
#89
n-Butylbenzene
Concen: 52.026 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1122835
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 26.8 13.6 40.7

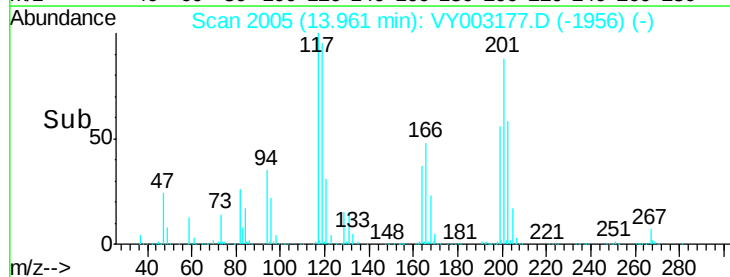
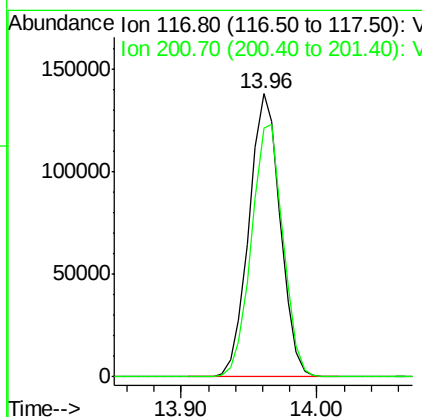
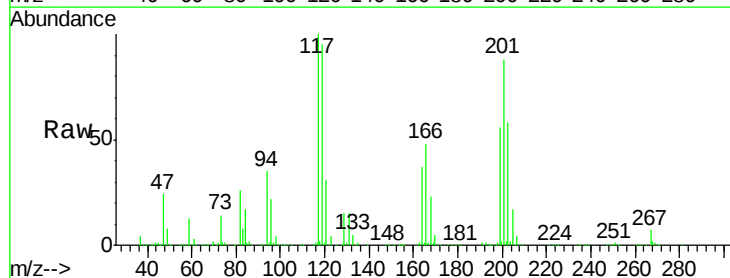
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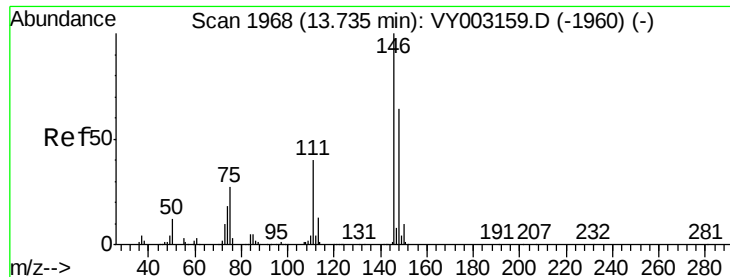
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#90
Hexachloroethane
Concen: 53.361 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003177.D
Acq: 13 Jul 2020 10:06

Tgt Ion: 117 Resp: 222969
Ion Ratio Lower Upper
117 100
201 90.1 45.1 135.3





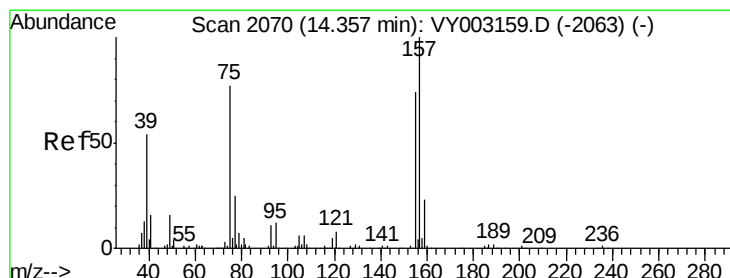
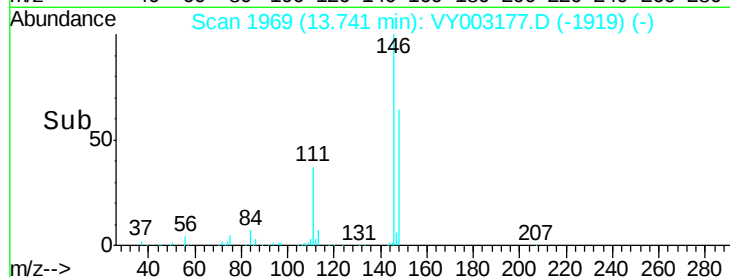
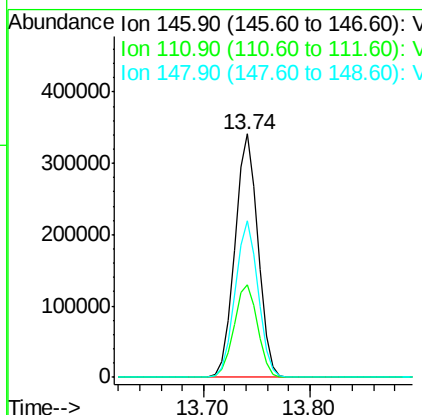
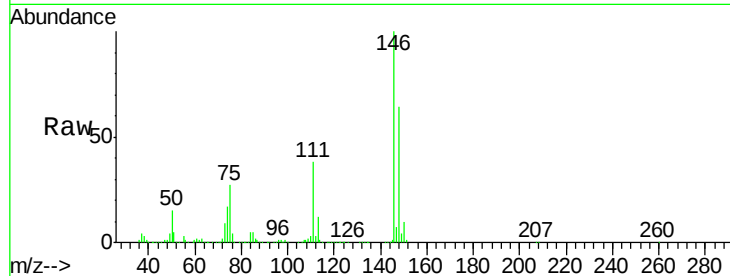
#91
 1,2-Dichlorobenzene
 Concen: 50.415 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	64.2	32.4	97.0

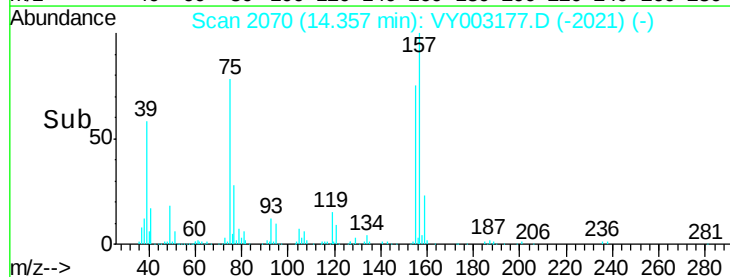
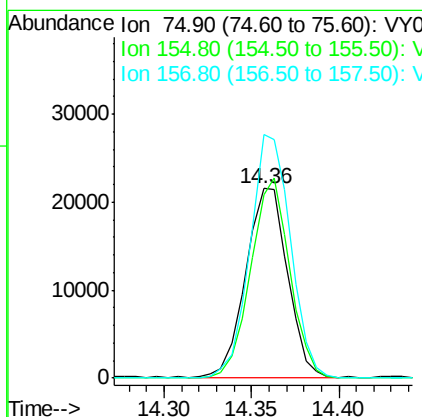
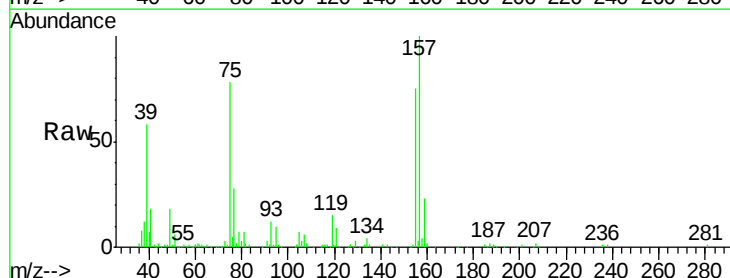
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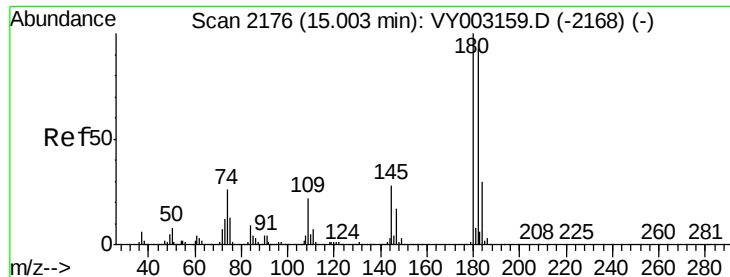
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.242 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	48.1	144.3
157	123.9	61.9	185.6





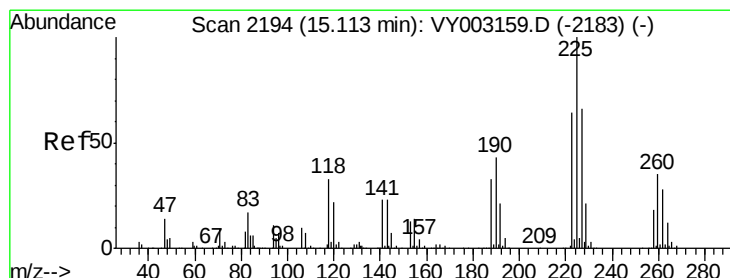
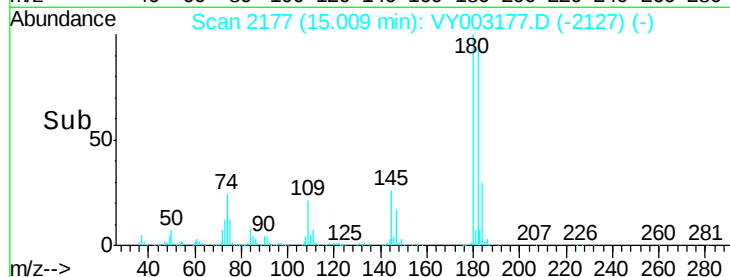
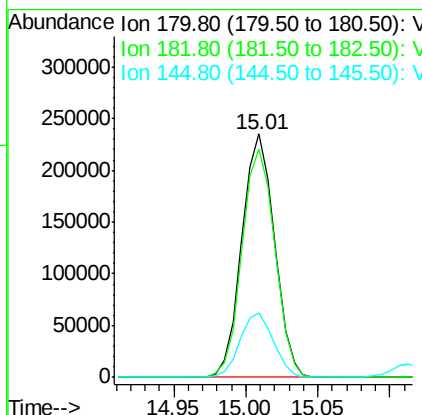
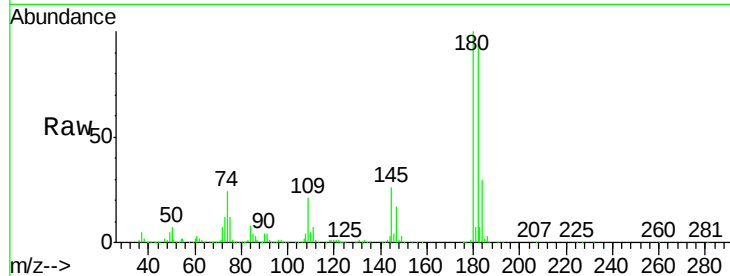
#93
 1,2,4-Trichlorobenzene
 Concen: 50.354 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	47.3	142.0	
145	27.0	13.7	41.1	

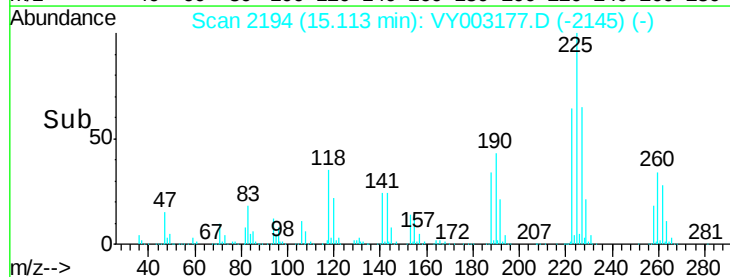
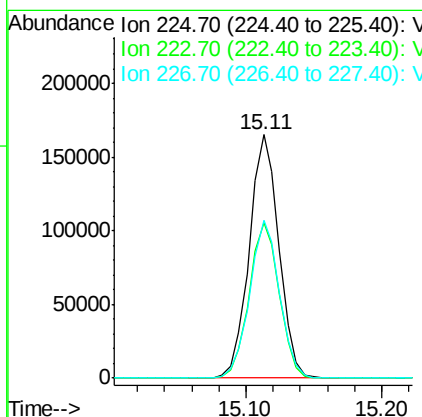
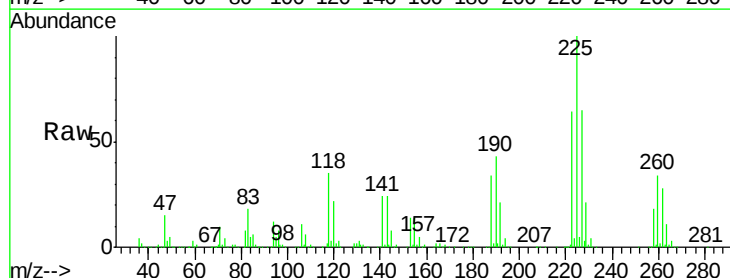
Manual Integrations
 APPROVED

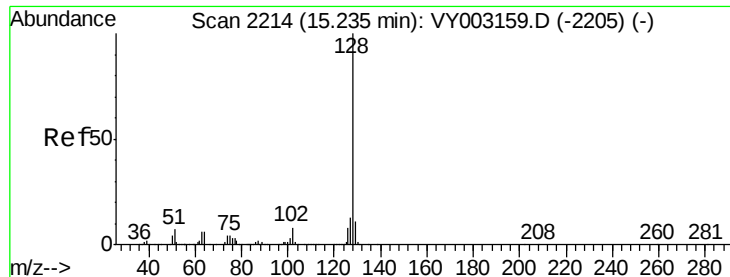
MMDadoda
 7/14/2020 11:37:14 AM



#94
 Hexachlorobutadiene
 Concen: 50.137 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003177.D
 Acq: 13 Jul 2020 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	31.6	94.7	
227	65.3	32.3	96.8	





#95

Naphthalene

Concen: 47.834 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Instrument :

MSVOA_Y

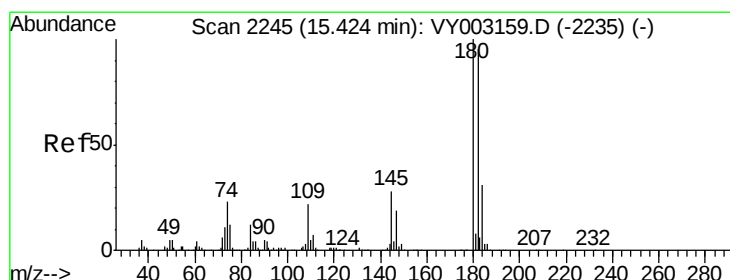
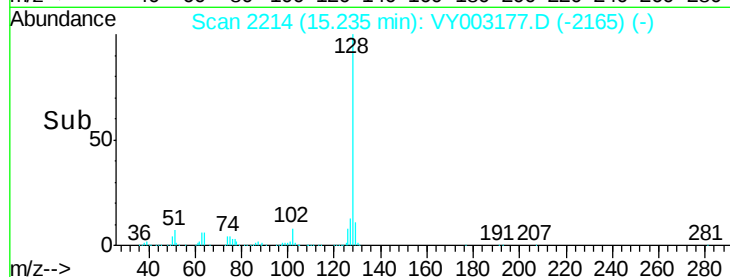
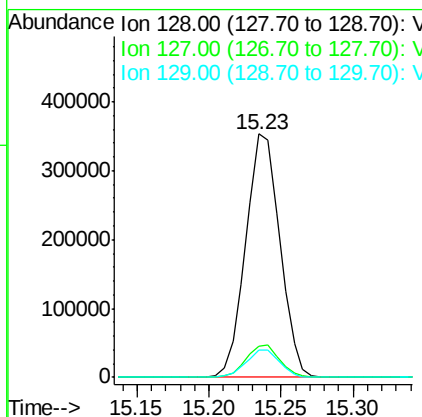
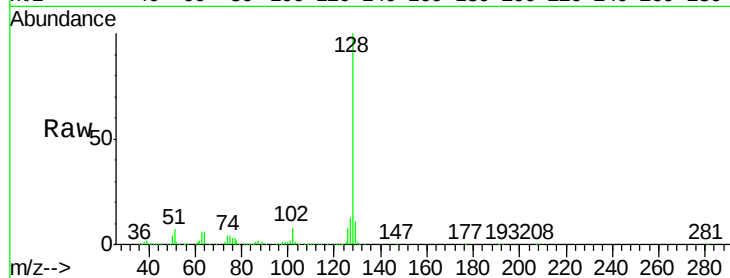
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	578379
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.9	16.3
129	11.2	9.0	13.6

Manual Integrations
APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 47.560 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003177.D

Acq: 13 Jul 2020 10:06

Tgt Ion:	180	Resp:	275067
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.8	146.3
145	28.9	14.9	44.5

