

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003100.D
 Acq On : 02 Jul 2020 21:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/6/2020 10:43:26 AM

Quant Time: Jul 03 04:57:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	396485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	602474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	564705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	299721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	207664	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	7.72	113	198263	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.18	98	712693	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	254342	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	130704	43.529	ug/l	96
3) Chloromethane	2.12	50	181829	41.352	ug/l	100
4) Vinyl Chloride	2.26	62	196969	45.923	ug/l	95
5) Bromomethane	2.65	94	154286	52.980	ug/l	91
6) Chloroethane	2.80	64	135964	49.831	ug/l	97
7) Trichlorofluoromethane	3.13	101	286737	47.365	ug/l	99
8) Diethyl Ether	3.54	74	107479	51.789	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	175389	48.522	ug/l	99
10) Methyl Iodide	4.10	142	222198	49.574	ug/l	99
11) Tert butyl alcohol	4.97	59	97531	243.027	ug/l	99
12) 1,1-Dichloroethene	3.88	96	165489	48.118	ug/l	91
13) Acrolein	3.74	56	82119	227.829	ug/l	99
14) Allyl chloride	4.49	41	261531	43.554	ug/l	96
15) Acrylonitrile	5.18	53	277993	259.908	ug/l	100
16) Acetone	3.96	43	209647	225.732	ug/l	98
17) Carbon Disulfide	4.20	76	494246	44.979	ug/l	98
18) Methyl Acetate	4.49	43	127461	50.940	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	540321	53.897	ug/l	95
20) Methylene Chloride	4.73	84	232600	57.116	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	194870	50.092	ug/l	95
22) Diisopropyl ether	6.13	45	619552	48.139	ug/l	97
23) Vinyl Acetate	6.07	43	2140627	248.781	ug/l	98
24) 1,1-Dichloroethane	6.03	63	348062	49.509	ug/l	100
25) 2-Butanone	7.00	43	369535	250.479	ug/l	95
26) 2,2-Dichloropropane	6.99	77	292015	45.717	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	224260	51.396	ug/l	95
28) Bromochloromethane	7.34	49	167513	53.551	ug/l	88
29) Tetrahydrofuran	7.35	42	248082	252.864	ug/l	93
30) Chloroform	7.52	83	355524	51.046	ug/l	99
31) Cyclohexane	7.79	56	293074	42.316	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	309320	48.655	ug/l	99
36) 1,1-Dichloropropene	7.92	75	263892	45.473	ug/l	98
37) Ethyl Acetate	7.08	43	171476	49.144	ug/l	98
38) Carbon Tetrachloride	7.91	117	280309	46.425	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	323905	45.017	ug/l	96
40) Benzene	8.16	78	760369	47.859	ug/l	98
41) Methacrylonitrile	7.33	41	103757m	55.667	ug/l	
42) 1,2-Dichloroethane	8.24	62	248990	49.539	ug/l	99
43) Isopropyl Acetate	8.28	43	330752	49.863	ug/l	96
44) Trichloroethene	8.94	130	232433	50.334	ug/l	99
45) 1,2-Dichloropropane	9.22	63	207592	48.566	ug/l	98
46) Dibromomethane	9.31	93	125242	52.461	ug/l	99
47) Bromodichloromethane	9.50	83	295161	50.492	ug/l	97
48) Methyl methacrylate	9.30	41	148307	49.120	ug/l	92
49) 1,4-Dioxane	9.30	88	31437	1078.751	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	884772	258.070	ug/l	97
52) Toluene	10.24	92	489583	48.951	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	309037	50.424	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	342999	48.935	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	179483	54.103	ug/l	98
56) Ethyl methacrylate	10.51	69	255187	53.140	ug/l	96
57) 1,3-Dichloropropane	10.79	76	301108	51.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	696396	282.758	ug/l	97
59) 2-Hexanone	10.83	43	615947	257.036	ug/l	97
60) Dibromochloromethane	10.99	129	229149	53.976	ug/l	98
61) 1,2-Dibromoethane	11.09	107	176275	53.899	ug/l	100
64) Tetrachloroethene	10.72	164	236769	49.540	ug/l	97
65) Chlorobenzene	11.52	112	550383	49.429	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	221087	50.856	ug/l	99
67) Ethyl Benzene	11.59	91	966261	47.434	ug/l	99
68) m/p-Xylenes	11.70	106	731650	96.504	ug/l	98
69) o-Xylene	12.03	106	349941	48.982	ug/l	97
70) Styrene	12.04	104	618267	50.656	ug/l	98
71) Bromoform	12.20	173	156023	53.824	ug/l	99
73) Isopropylbenzene	12.33	105	935210	47.677	ug/l	100
74) N-amyl acetate	12.14	43	311507	48.782	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	208290	52.619	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	155918m	52.563	ug/l	
77) Bromobenzene	12.61	156	252681	50.241	ug/l	97
78) n-propylbenzene	12.67	91	1092892	46.328	ug/l	99
79) 2-Chlorotoluene	12.75	91	629682	47.820	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	779614	47.364	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	78063	51.201	ug/l	94
82) 4-Chlorotoluene	12.86	91	655295	47.798	ug/l	99
83) tert-Butylbenzene	13.07	119	690915	47.803	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	793948	47.868	ug/l	99
85) sec-Butylbenzene	13.25	105	931716	46.769	ug/l	100
86) p-Isopropyltoluene	13.37	119	861203	46.653	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	457917	48.768	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	457841	49.449	ug/l	99
89) n-Butylbenzene	13.69	91	802325	45.427	ug/l	99
90) Hexachloroethane	13.96	117	178795	48.777	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	421237	50.001	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36602	52.233	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	306554	48.970	ug/l	99
94) Hexachlorobutadiene	15.11	225	181054	45.853	ug/l	98
95) Naphthalene	15.23	128	616159	53.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	275781	50.734	ug/l	99

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

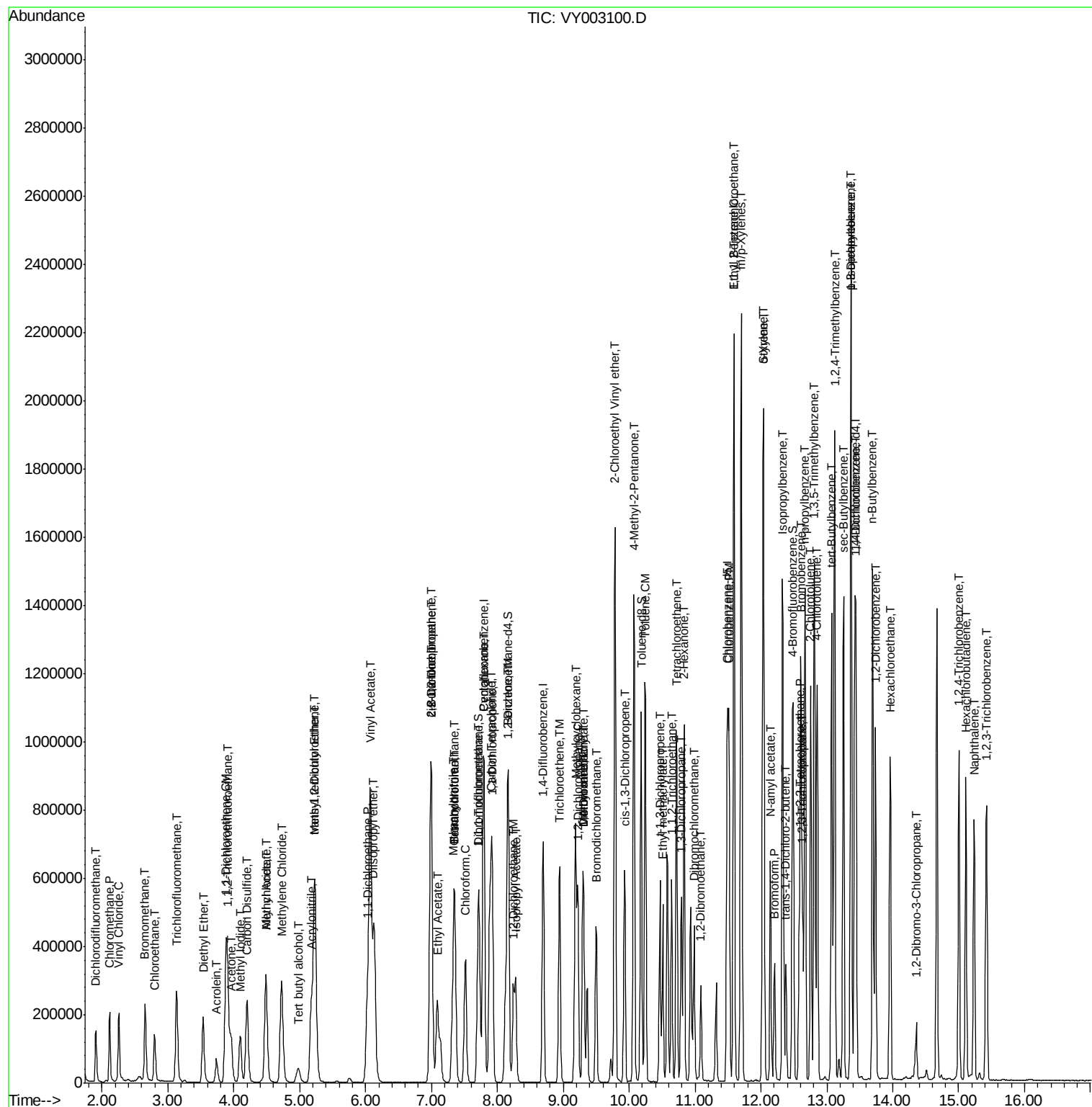
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
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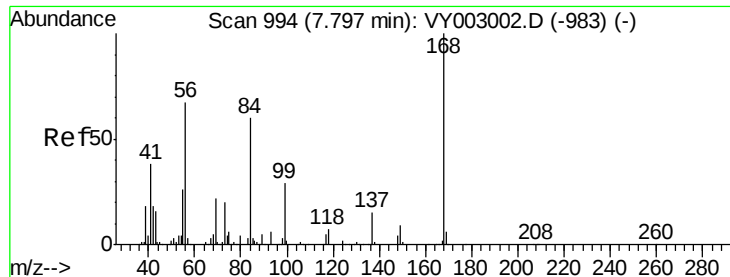
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 396485

Ion Ratio Lower Upper

168 100

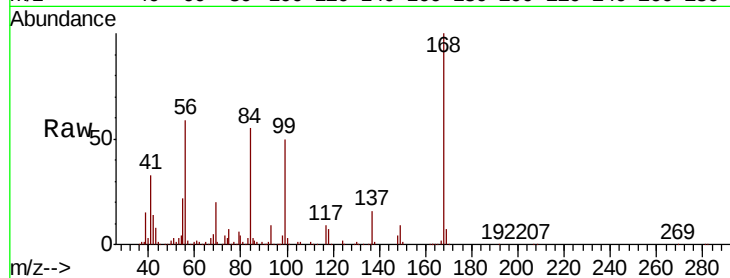
99 49.8 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003100.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003100.D (-945) (-)

7.80

200000

150000

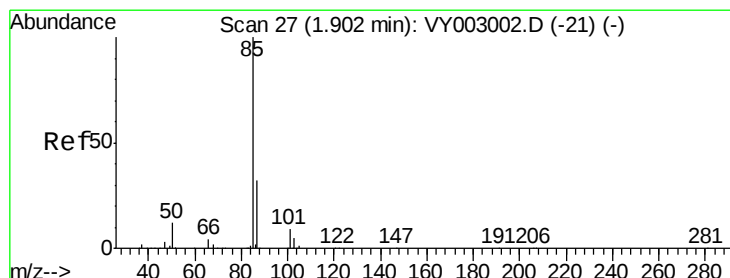
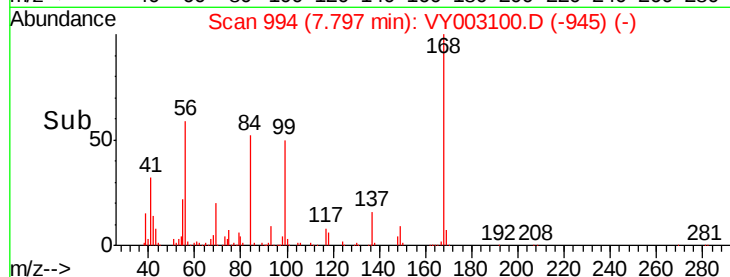
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.529 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003100.D

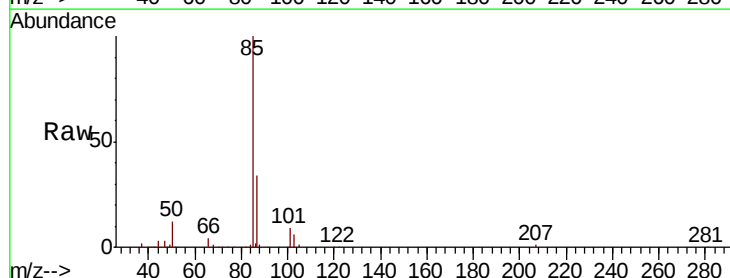
Acq: 02 Jul 2020 21:13

Tgt Ion: 85 Resp: 130704

Ion Ratio Lower Upper

85 100

87 33.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003100.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003100.D (-1) (-)

1.91

100000

80000

60000

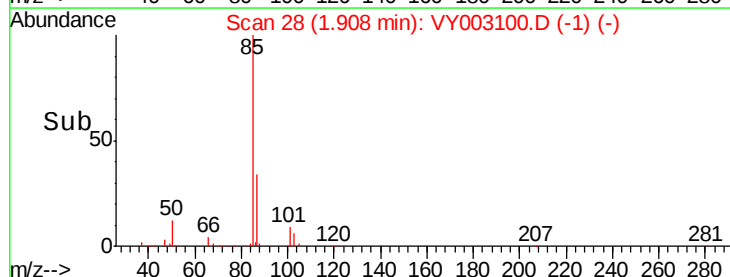
40000

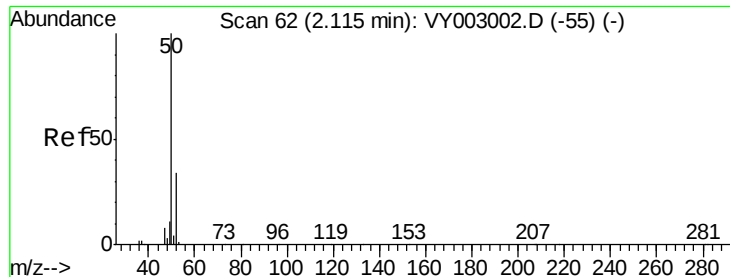
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 41.352 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 181829

Ion Ratio Lower Upper

50 100

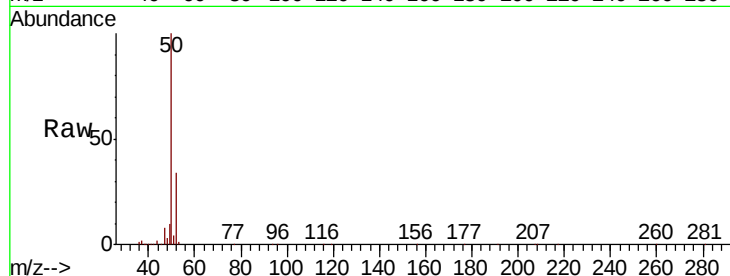
52 33.5 26.9 40.3

Manual Integrations

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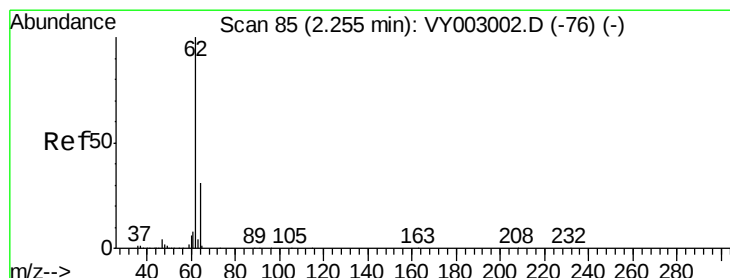
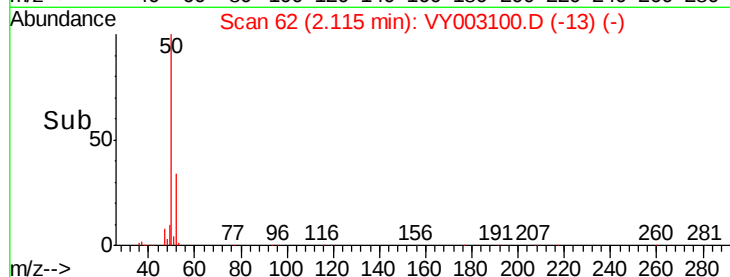
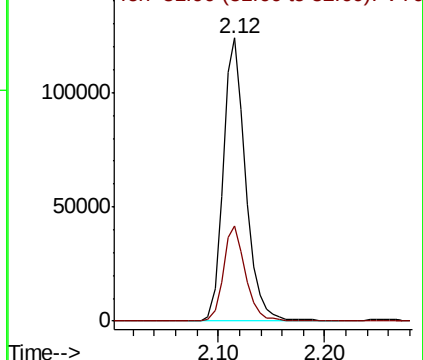
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.923 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003100.D

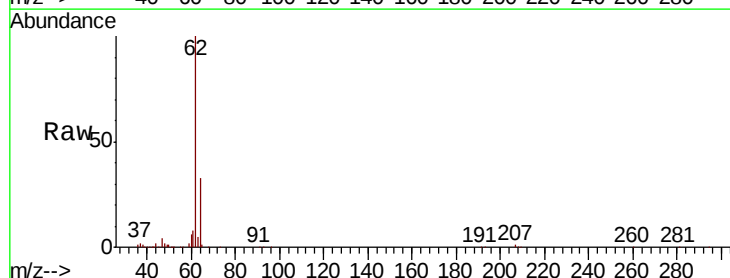
Acq: 02 Jul 2020 21:13

Tgt Ion: 62 Resp: 196969

Ion Ratio Lower Upper

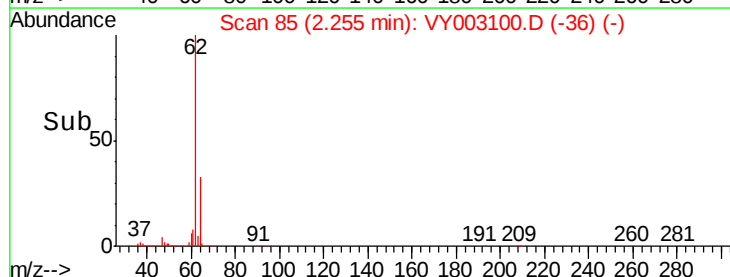
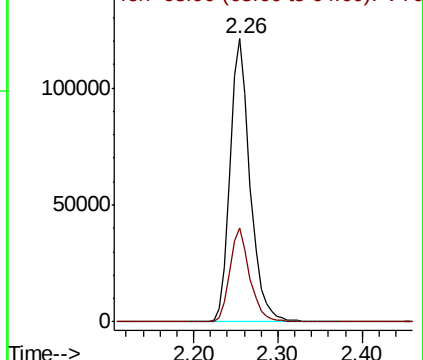
62 100

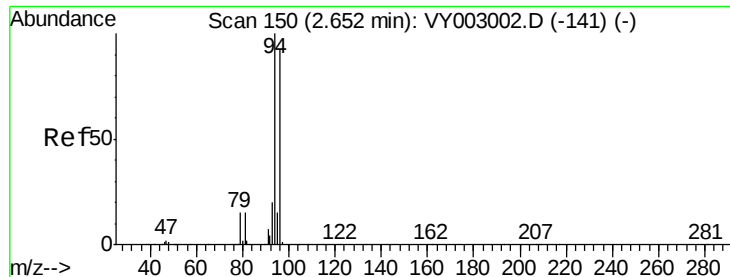
64 33.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.980 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 154286

Ion Ratio Lower Upper

94 100

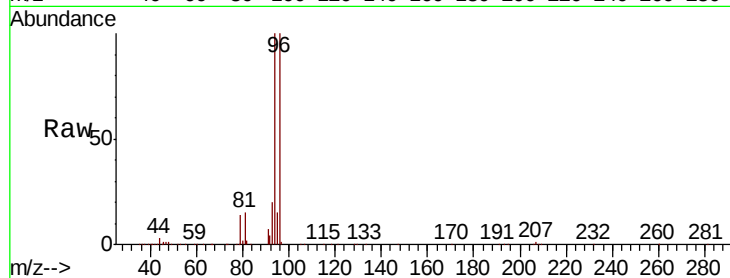
96 99.9 73.4 110.2

Manual Integrations

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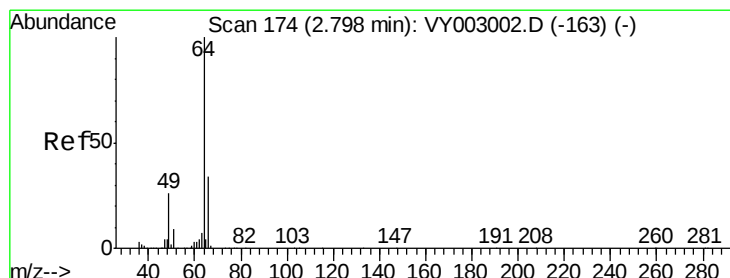
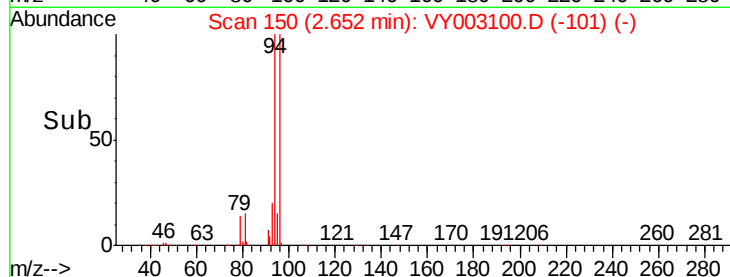
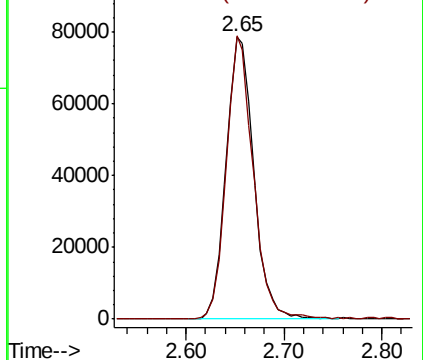
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.831 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003100.D

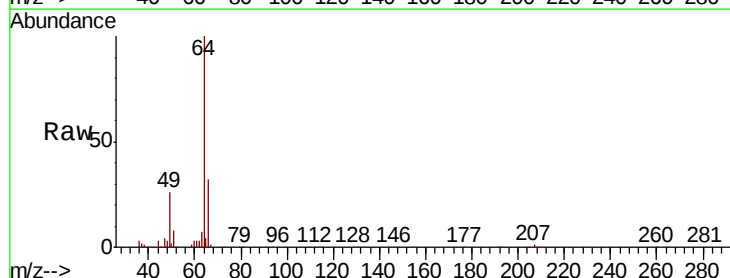
Acq: 02 Jul 2020 21:13

Tgt Ion: 64 Resp: 135964

Ion Ratio Lower Upper

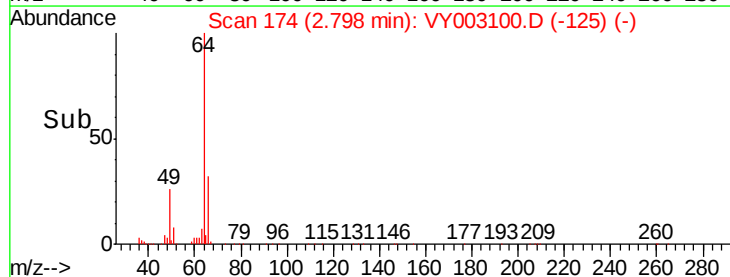
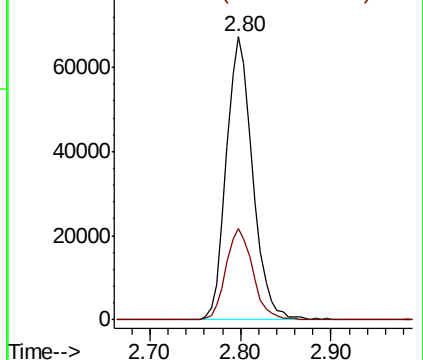
64 100

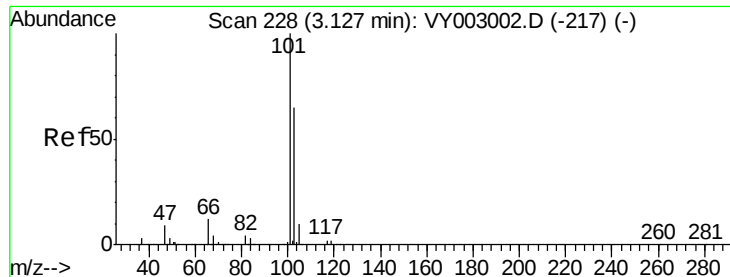
66 32.2 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

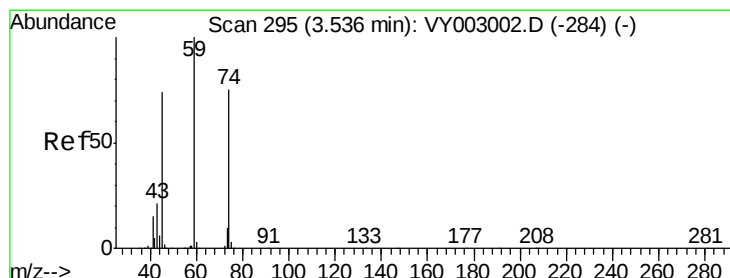
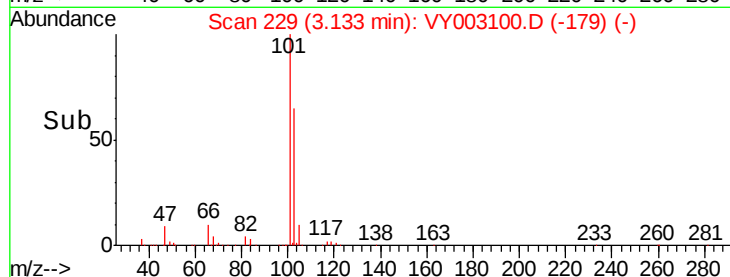
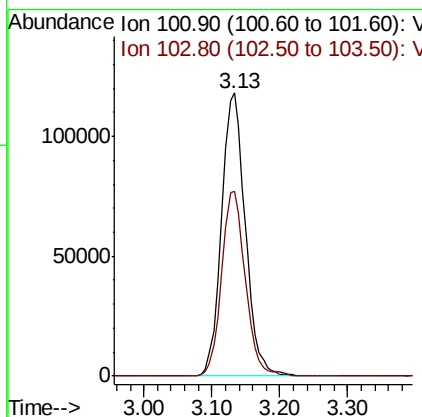
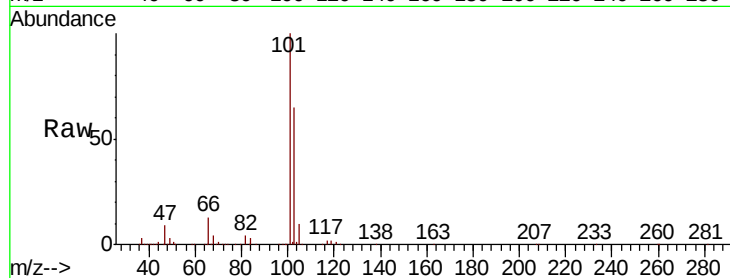
Trichlorofluoromethane
Concen: 47.365 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.6	77.4

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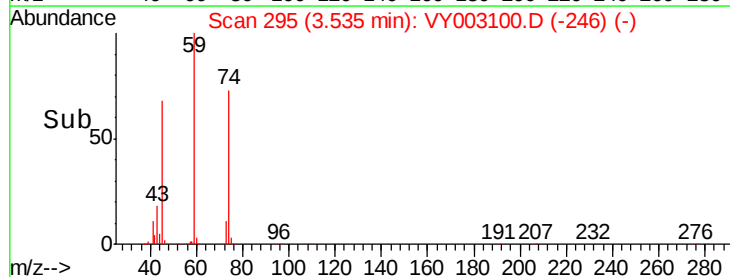
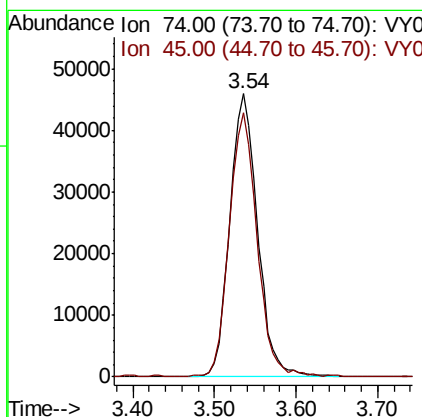
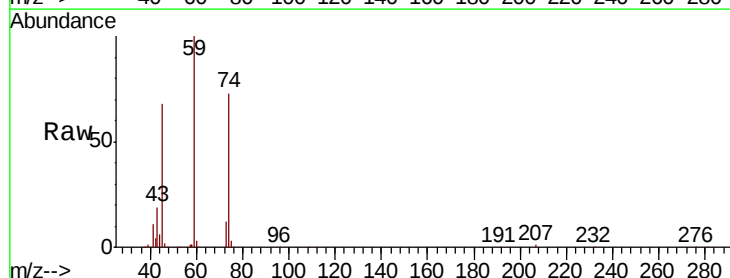
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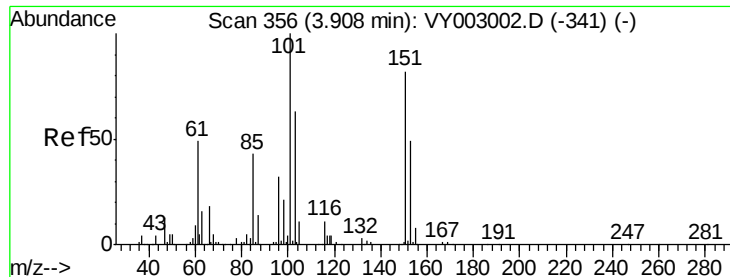


#8

Diethyl Ether
Concen: 51.789 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.522 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

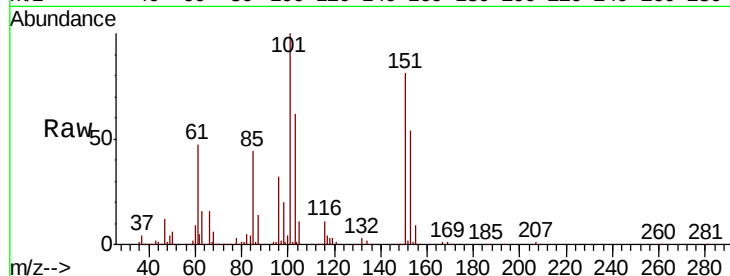
ClientSampleId :

VSTDCCC050EC

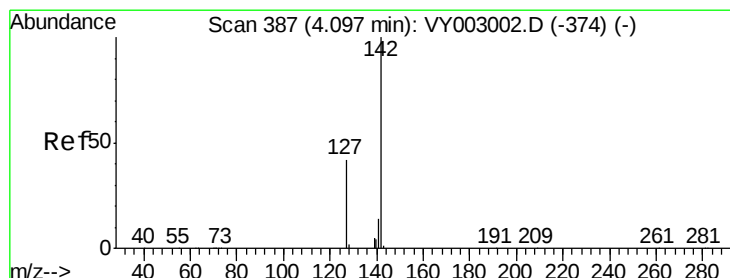
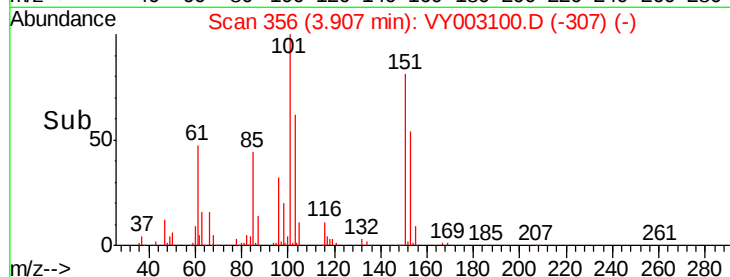
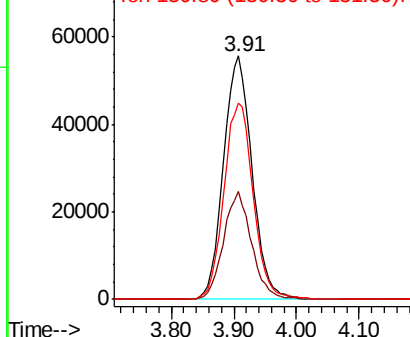
Tot Ion:	101	Resp:	175389
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.5	53.3
151	82.5	65.5	98.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.574 ug/l

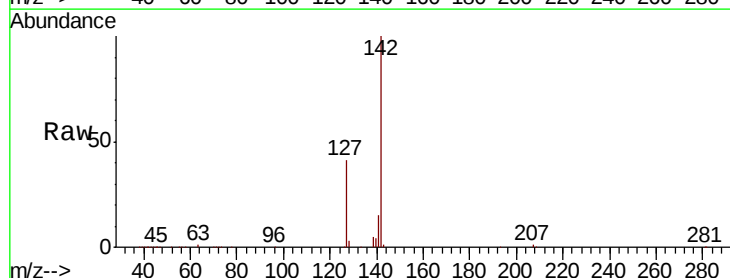
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

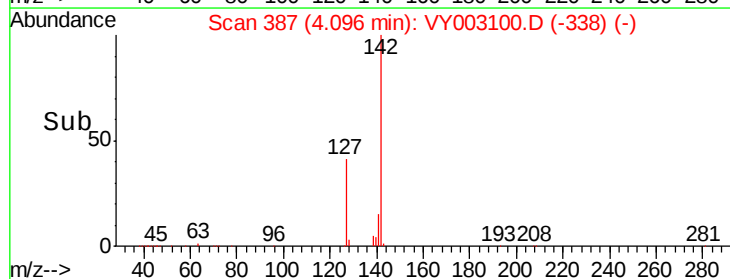
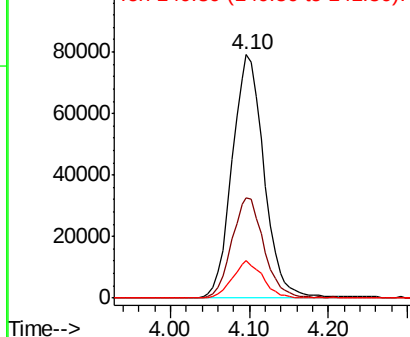
Lab File: VY003100.D

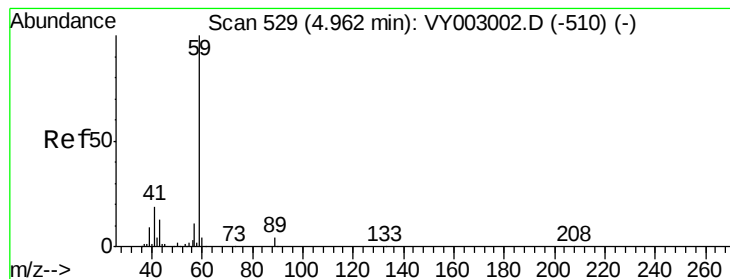
Acq: 02 Jul 2020 21:13

Tgt Ion:	142	Resp:	222198
Ion Ratio	Lower	Upper	
142	100		
127	41.6	34.2	51.2
141	14.8	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

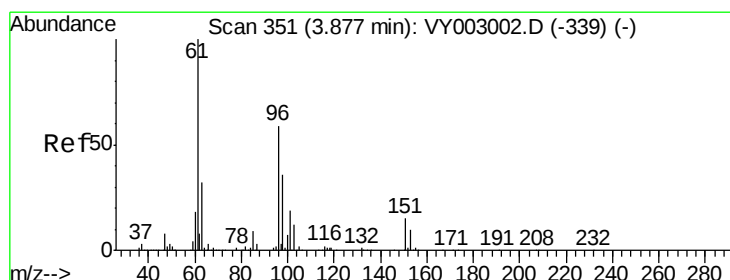
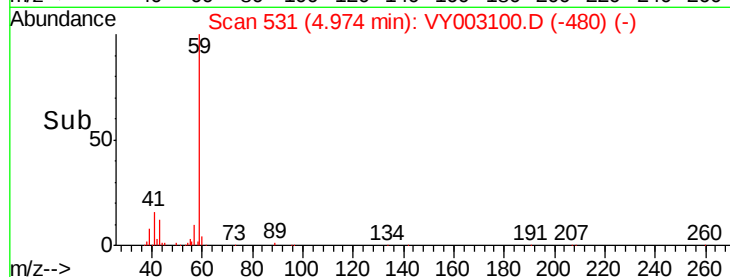
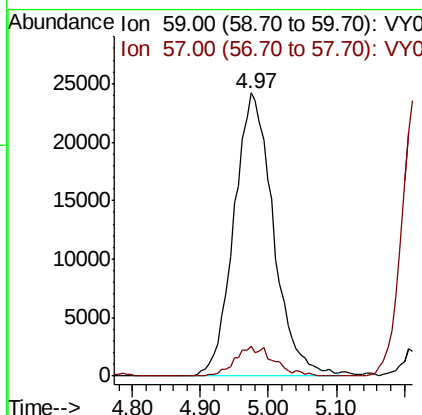
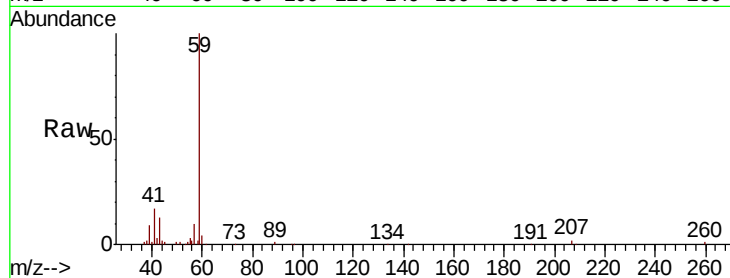
Tert butyl alcohol
 Concen: 243.027 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	97531
Ion Ratio	100	Lower	Upper
57	10.4	8.0	12.0

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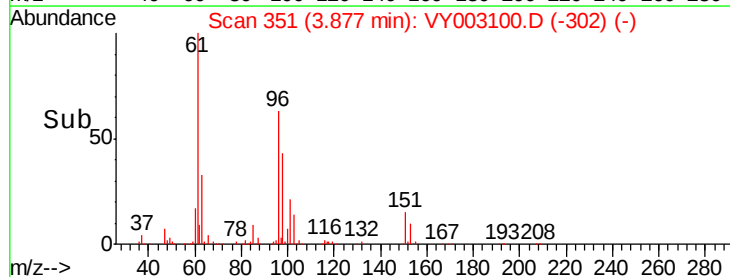
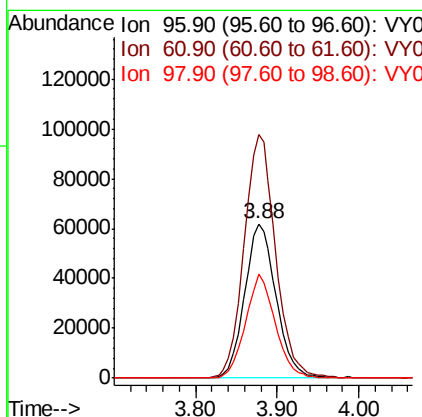
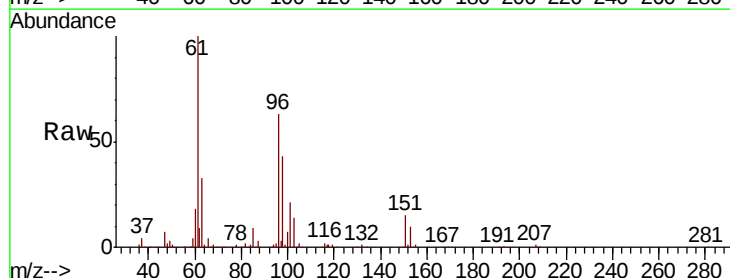
MMDadoda
 7/6/2020 10:43:26 AM

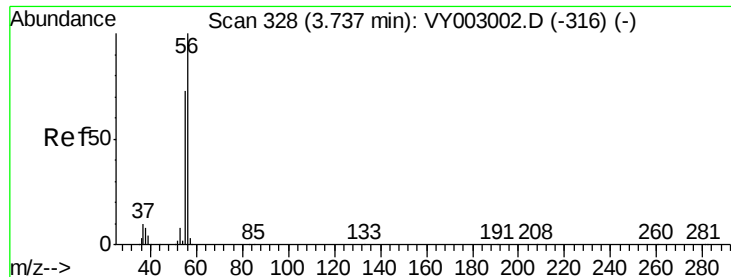


#12

1,1-Dichloroethene
 Concen: 48.118 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Tgt Ion	96	Resp	165489
Ion Ratio	100	Lower	Upper
61	157.5	136.7	205.1
98	67.8	49.7	74.5





#13

Acrolein

Concen: 227.829 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 82119

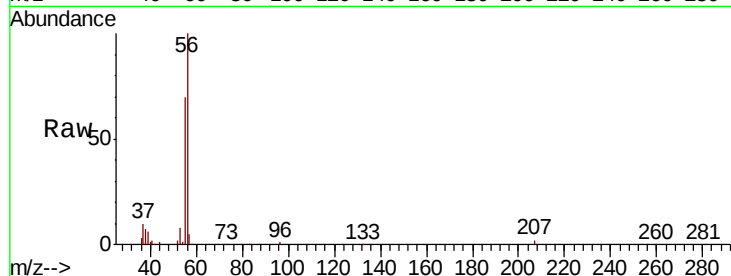
Ion Ratio Lower Upper

56 100

55 69.4 56.4 84.6

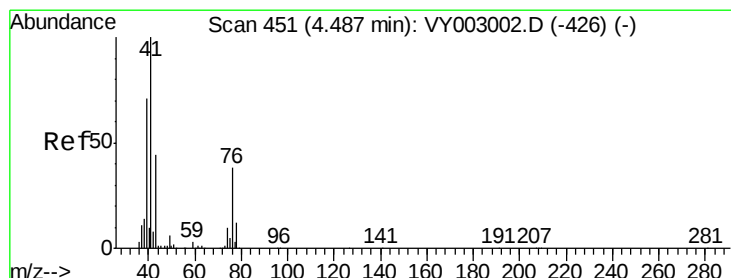
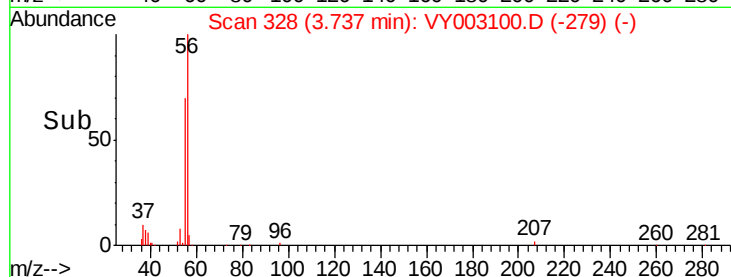
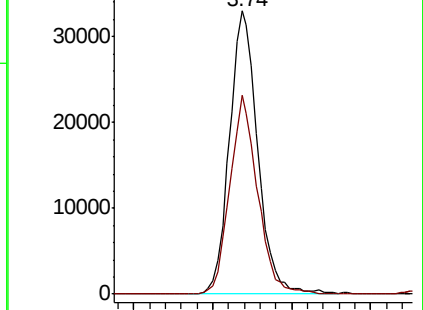
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Abundance Ion 56.00 (55.70 to 56.70): VY003100.D (-279) (-)

Ion 55.00 (54.70 to 55.70): VY003100.D (-279) (-)



#14

Allyl chloride

Concen: 43.554 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

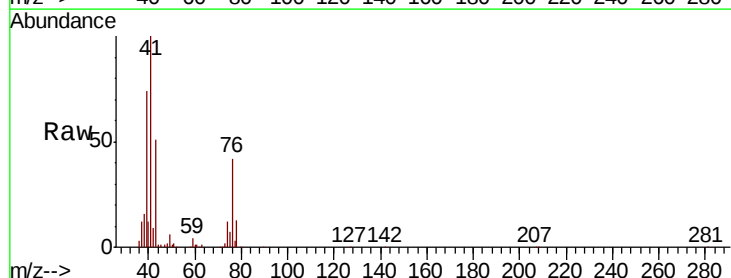
Tgt Ion: 41 Resp: 261531

Ion Ratio Lower Upper

41 100

39 71.6 55.6 83.4

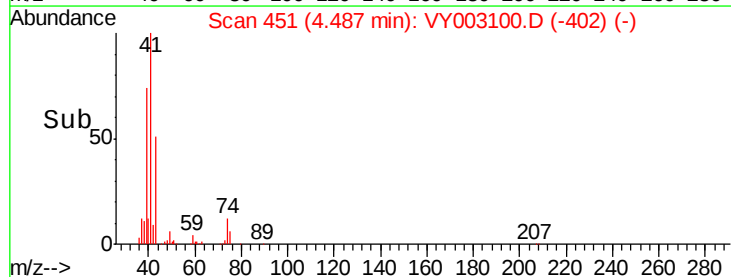
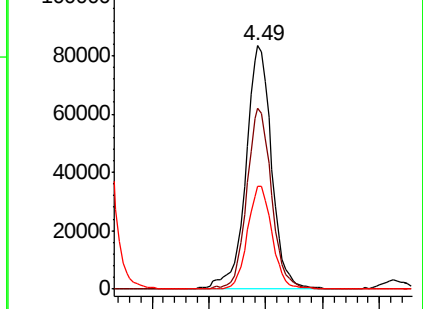
76 40.3 28.6 43.0

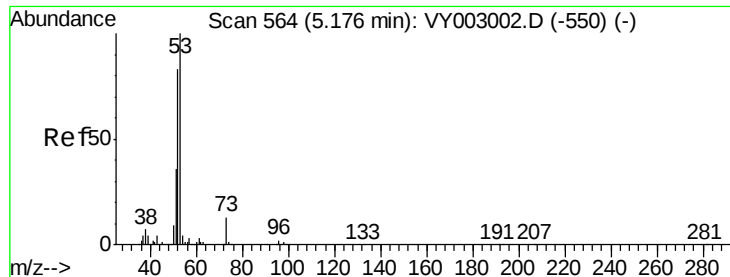


Abundance Ion 41.00 (40.70 to 41.70): VY003100.D (-402) (-)

Ion 39.00 (38.70 to 39.70): VY003100.D (-402) (-)

Ion 75.90 (75.60 to 76.60): VY003100.D (-402) (-)





#15

Acrylonitrile

Concen: 259.908 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

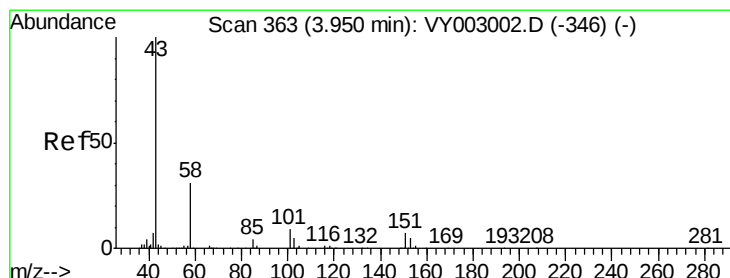
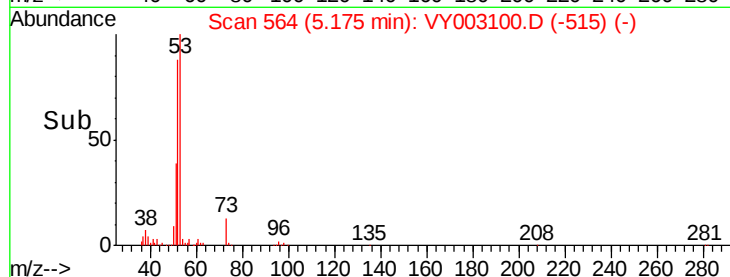
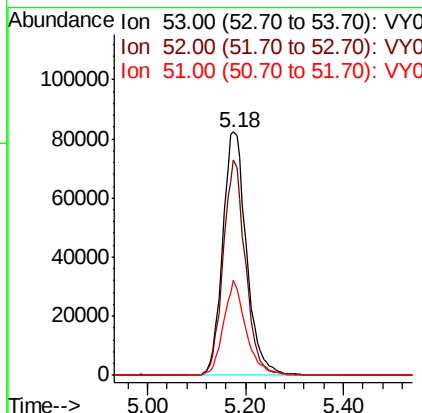
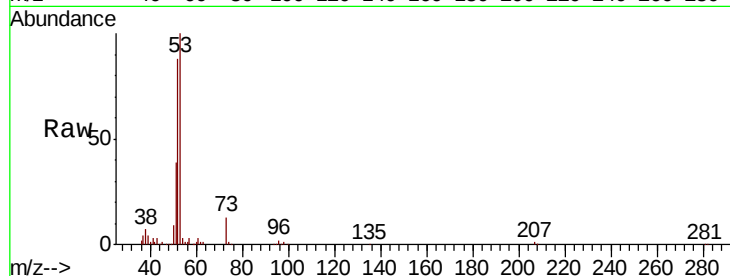
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	277993
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.2
51	36.7	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 225.732 ug/l

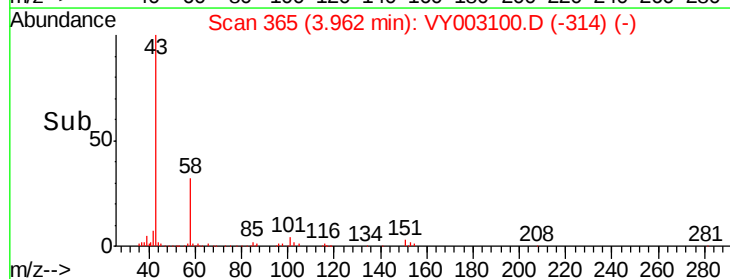
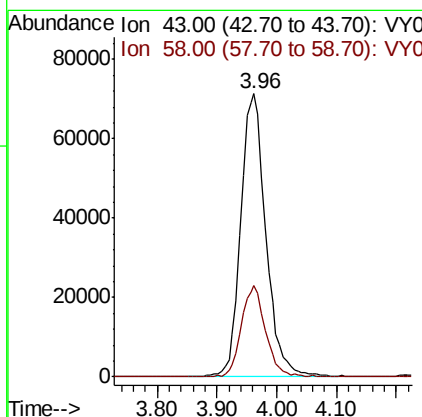
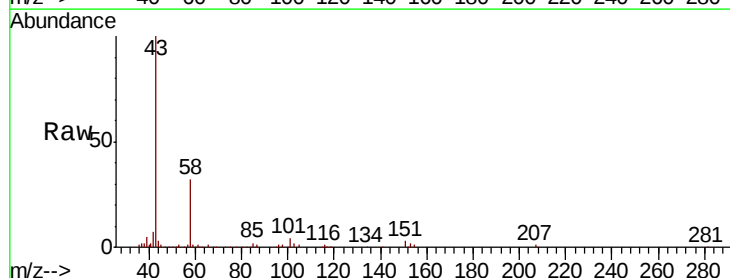
RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Tgt Ion:	43	Resp:	209647
Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.7	37.1





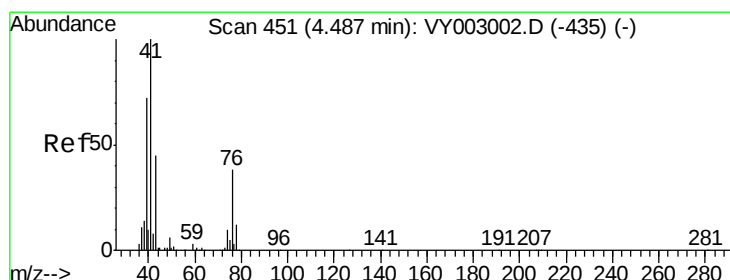
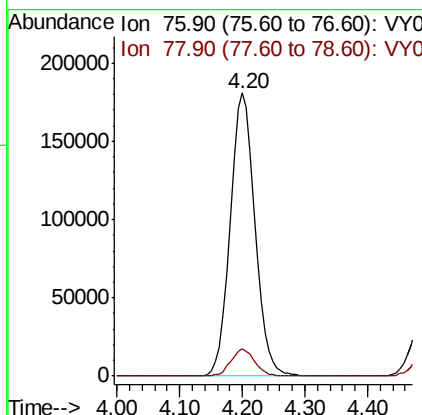
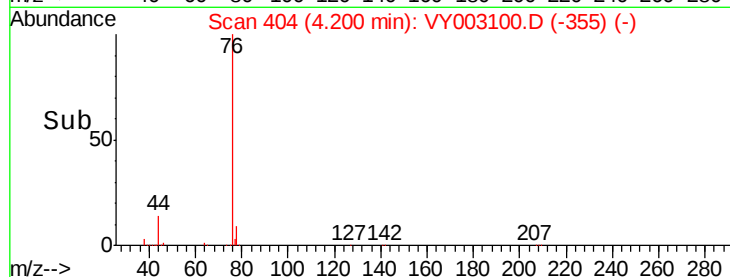
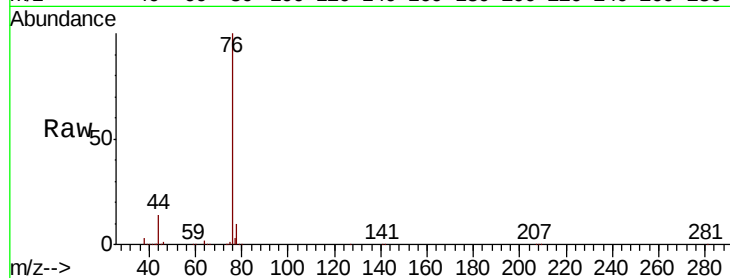
#17
Carbon Disulfide
Concen: 44.979 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.6

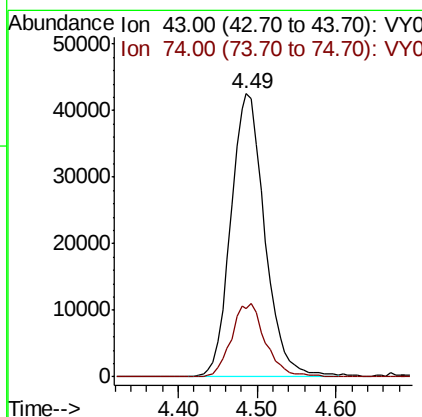
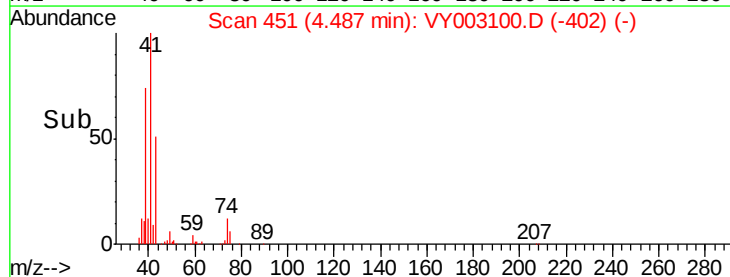
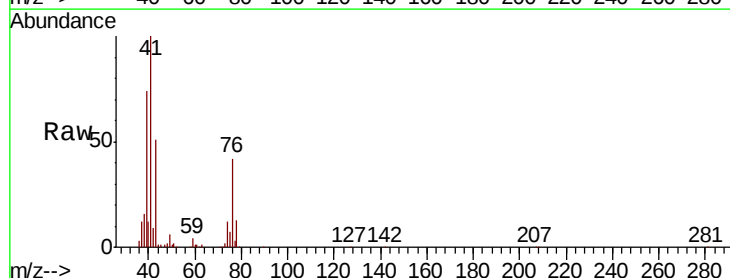
Manual Integrations
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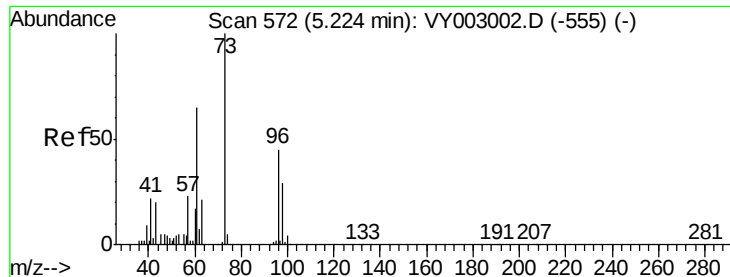
MMDadoda
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#18
Methyl Acetate
Concen: 50.940 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	18.2	27.4





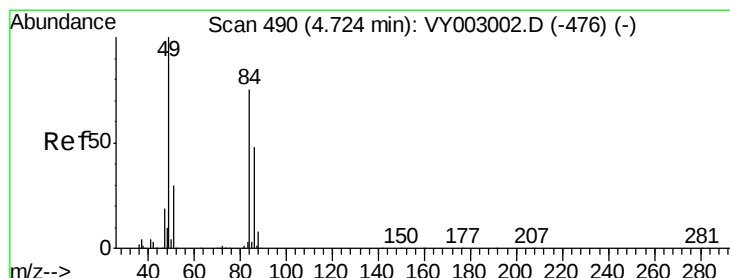
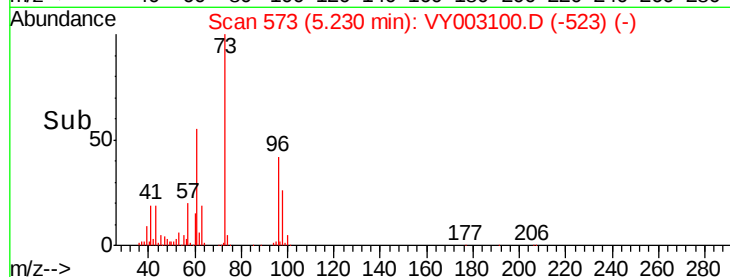
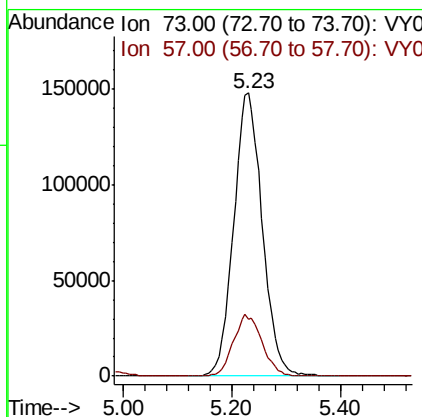
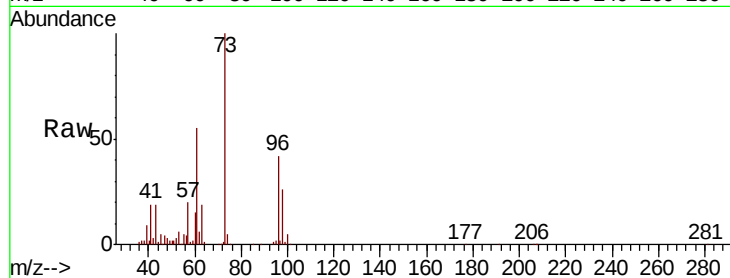
#19
Methvl tert-butvl Ether
Concen: 53.897 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	18.2	27.2

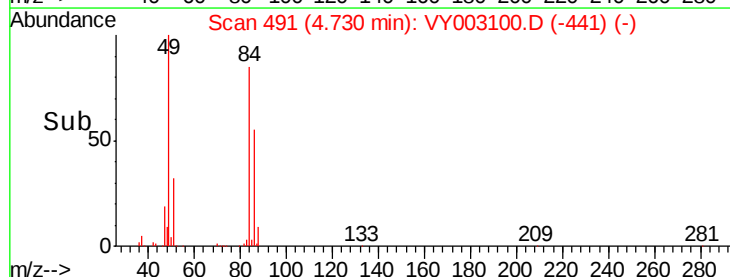
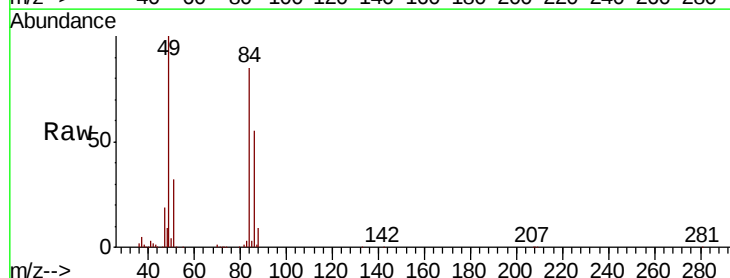
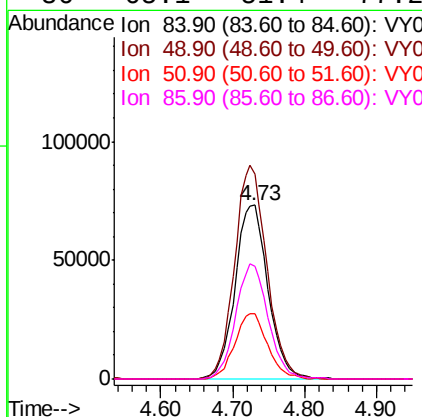
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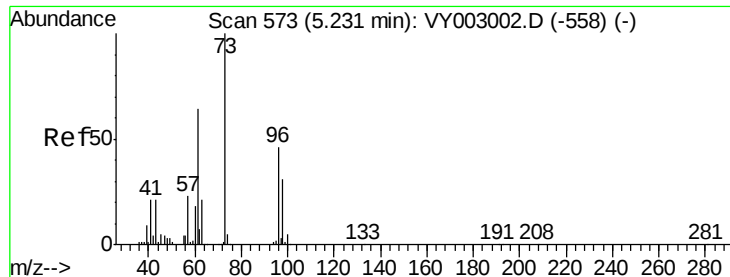
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#20
Methylene Chloride
Concen: 57.116 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.8	106.8	160.2
51	37.3	32.0	48.0
86	65.1	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 50.092 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

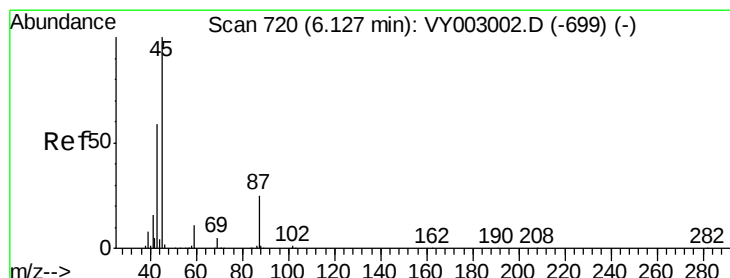
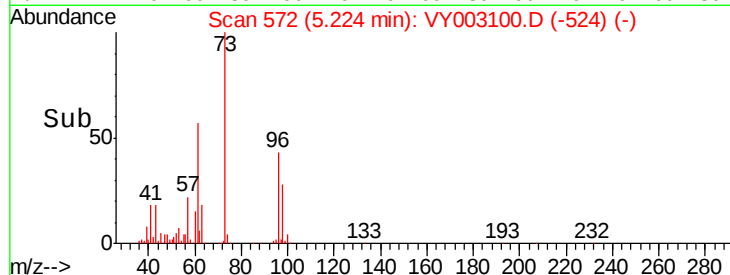
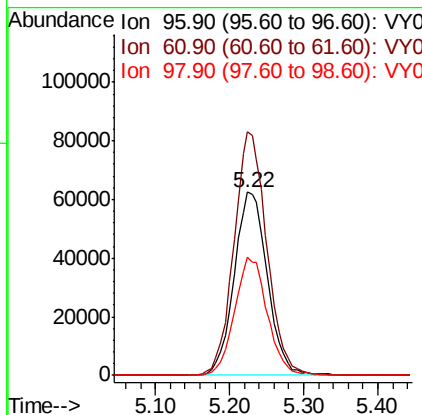
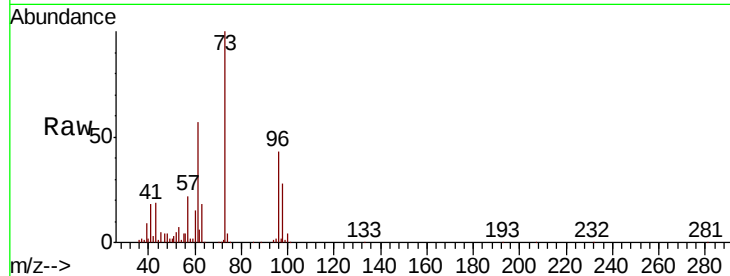
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	194870
Ion Ratio	Lower	Upper	
96	100		
61	133.3	112.3	168.5
98	64.8	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.139 ug/l

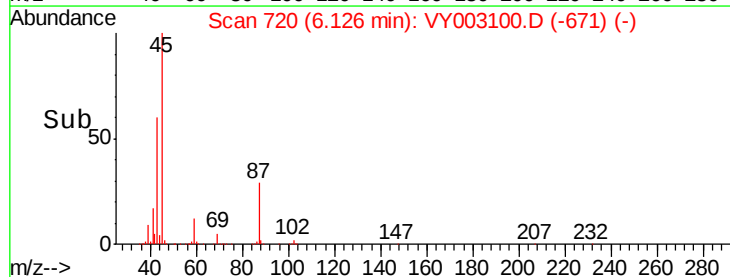
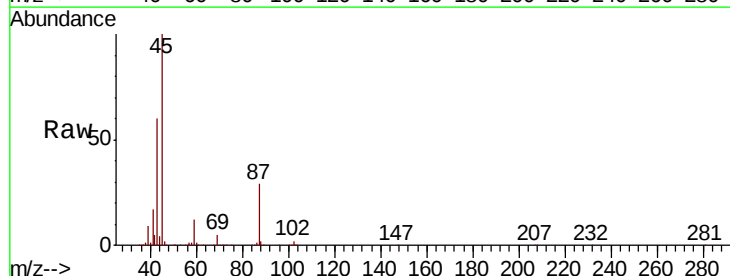
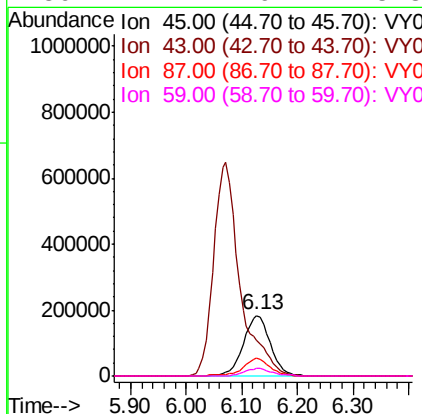
RT: 6.13 min Scan# 720

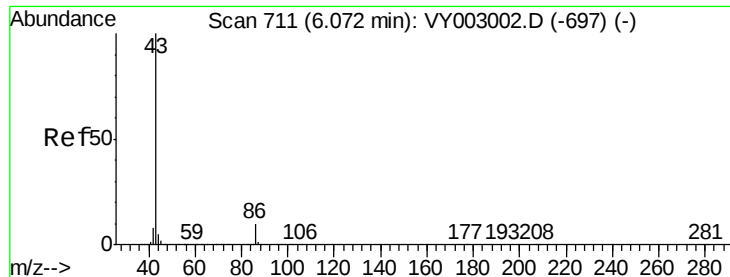
Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Tgt Ion:	45	Resp:	619552
Ion Ratio	Lower	Upper	
45	100		
43	59.6	47.4	71.2
87	29.2	20.2	30.2
59	12.1	9.2	13.8





#23

Vinyl Acetate

Concen: 248.781 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2140627

Ion Ratio Lower Upper

43 100

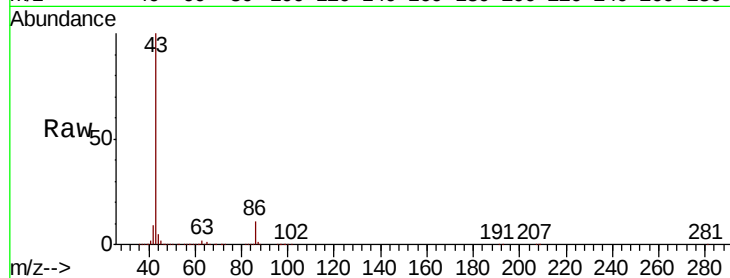
86 10.7 8.1 12.1

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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

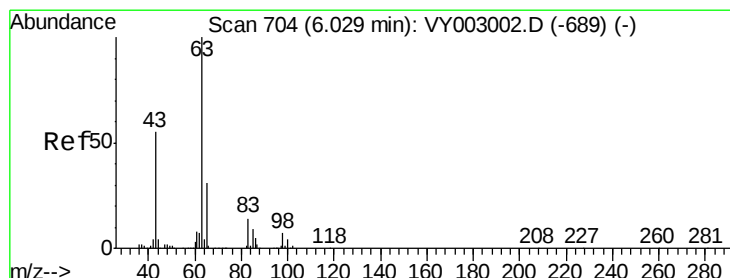
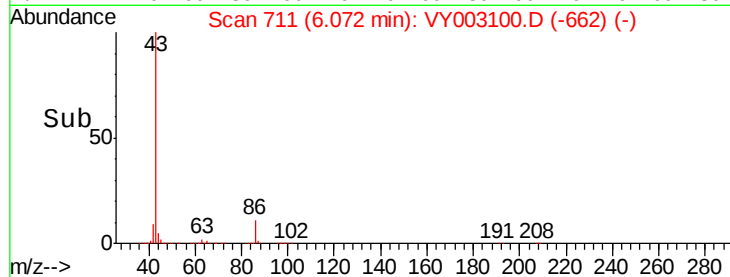
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.509 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

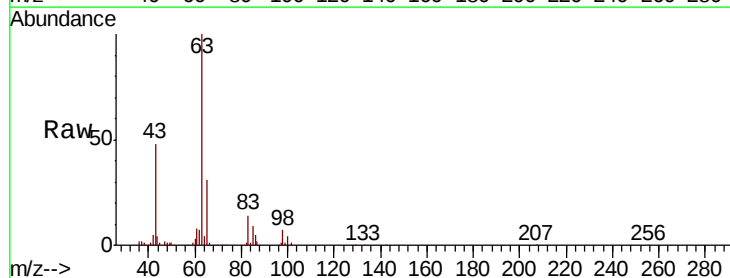
Tgt Ion: 63 Resp: 348062

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

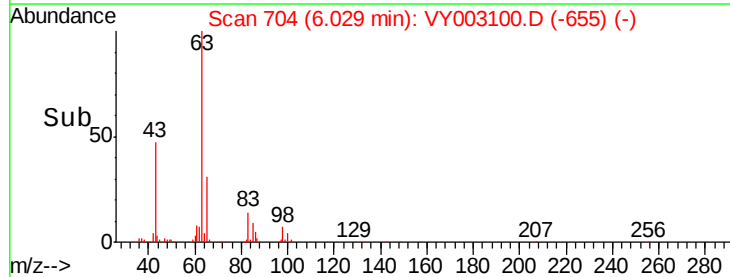
150000

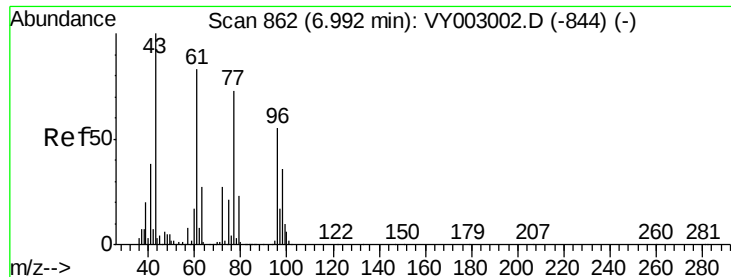
100000

50000

0

Time-->





#25

2-Butanone

Concen: 250.479 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 369535

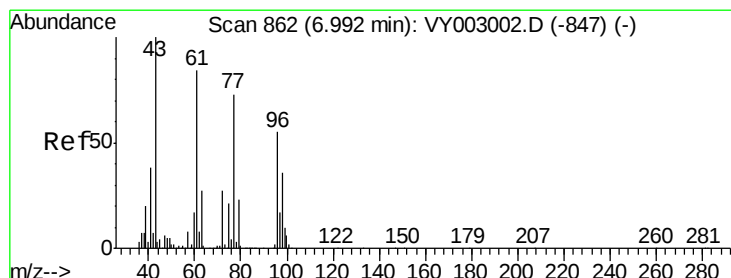
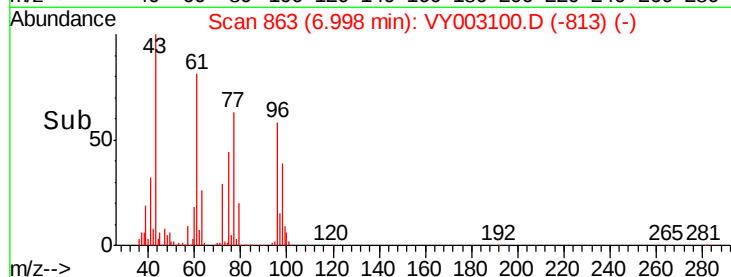
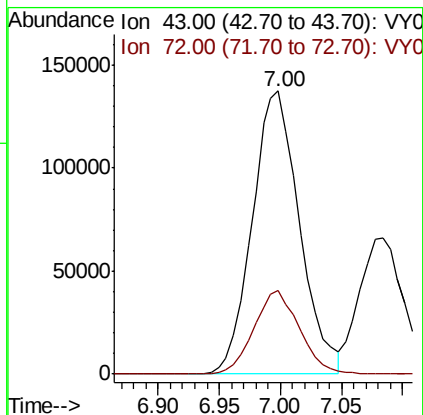
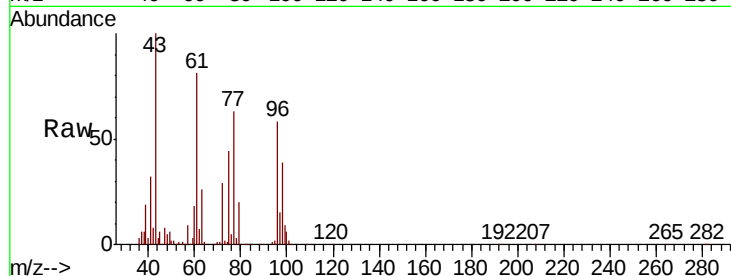
Ion Ratio Lower Upper

43 100

72 29.4 21.4 32.0

Manual Integrations
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7/6/2020 10:43:26 AM



#26

2,2-Dichloropropane

Concen: 45.717 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003100.D

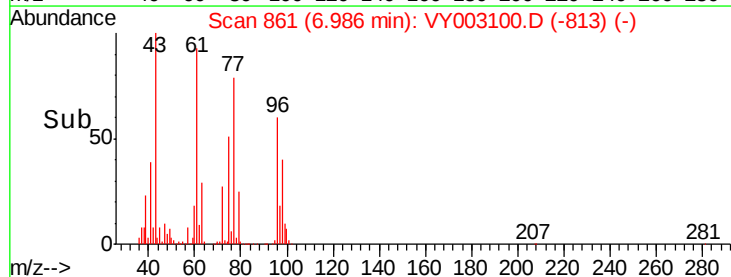
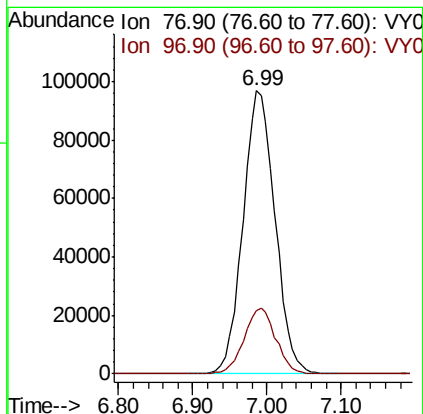
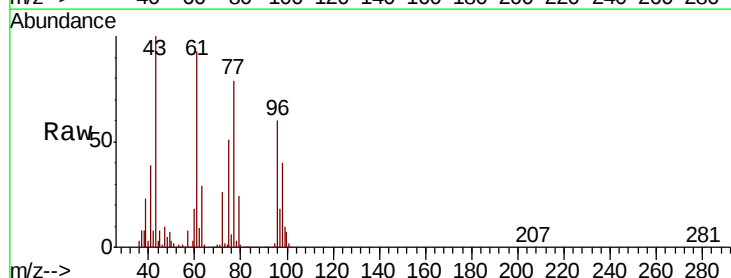
Acq: 02 Jul 2020 21:13

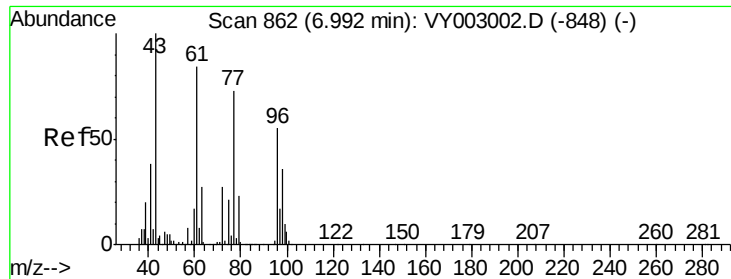
Tgt Ion: 77 Resp: 292015

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9





#27

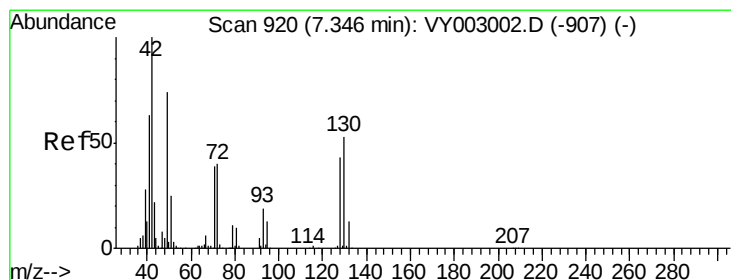
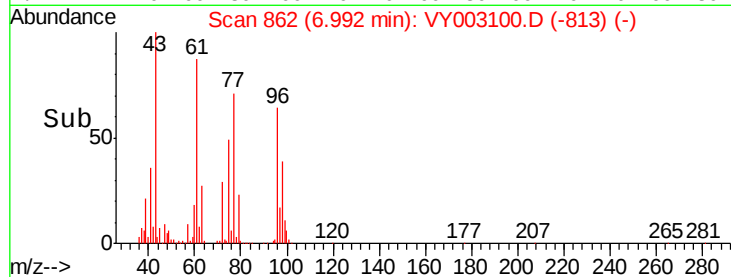
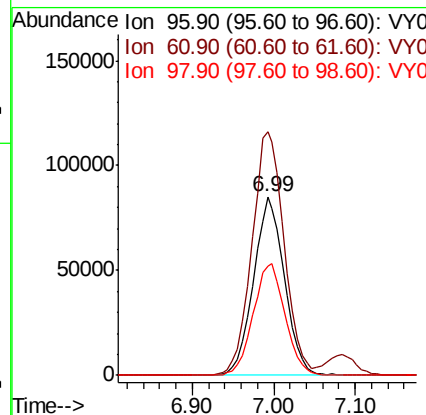
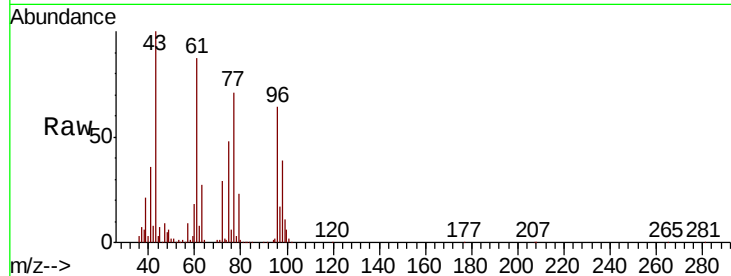
cis-1,2-Dichloroethene
 Concen: 51.396 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	301.2
98	64.6	0.0	129.0

Manual Integrations
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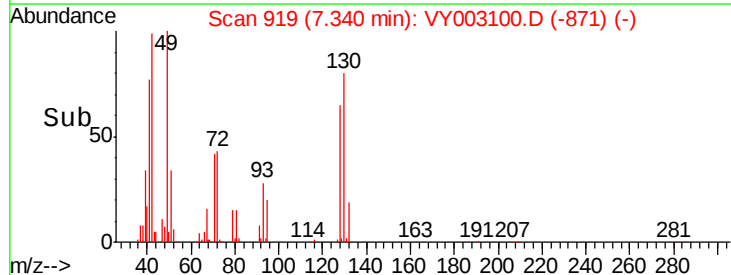
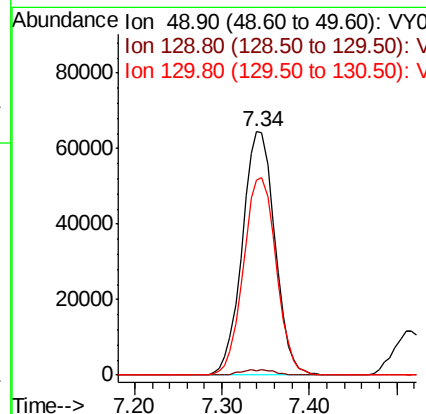
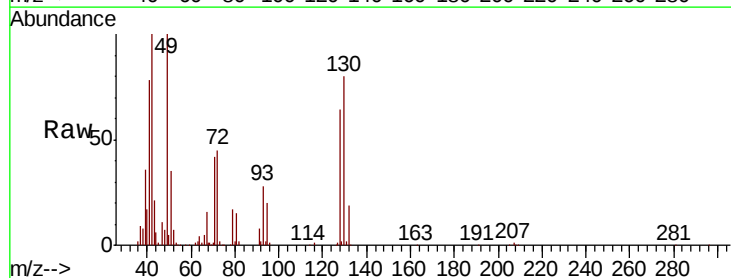
MMDadoda
 7/6/2020 10:43:26 AM

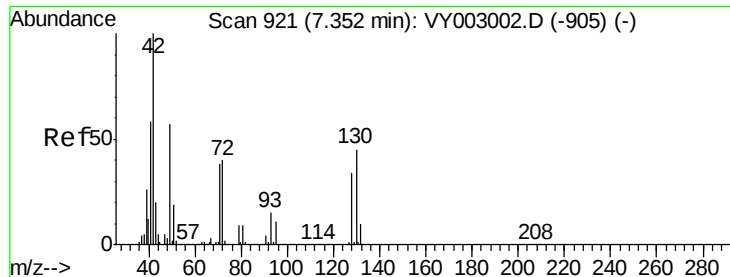


#28

Bromochloromethane
 Concen: 53.551 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	81.6	57.0	85.6





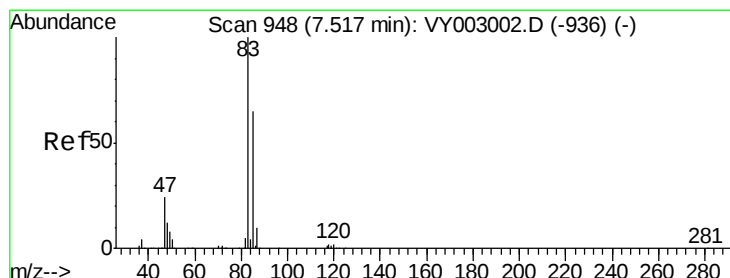
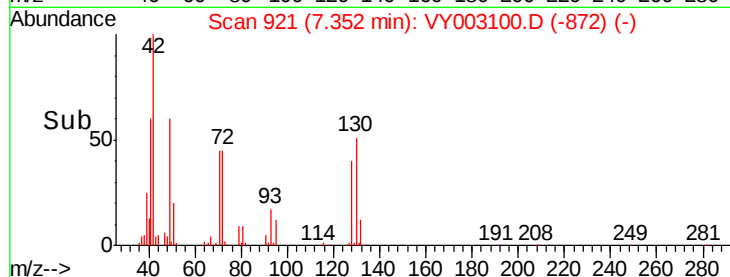
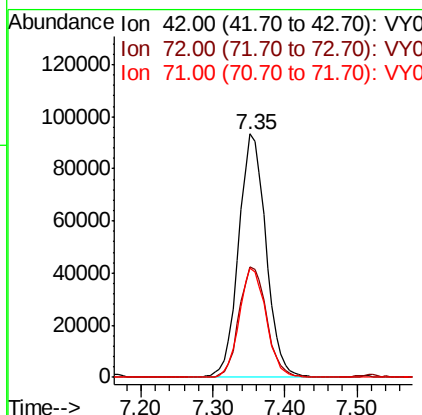
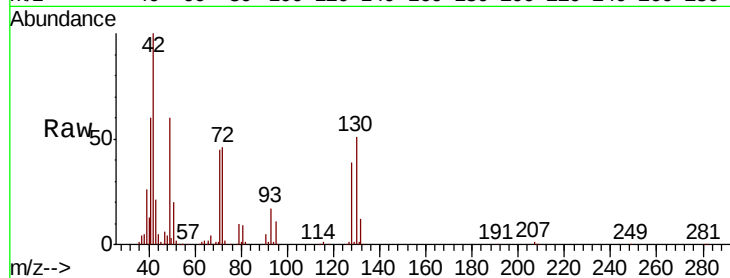
#29
Tetrahydrofuran
Concen: 252.864 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	32.9	49.3
71	43.8	31.2	46.8

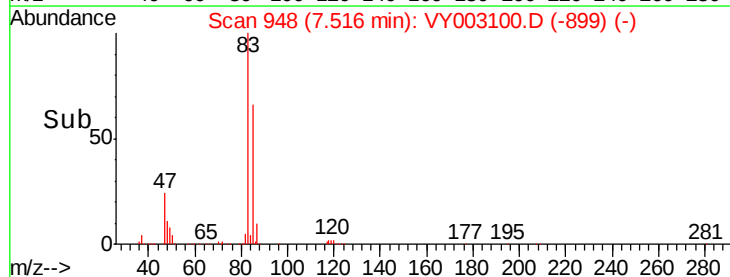
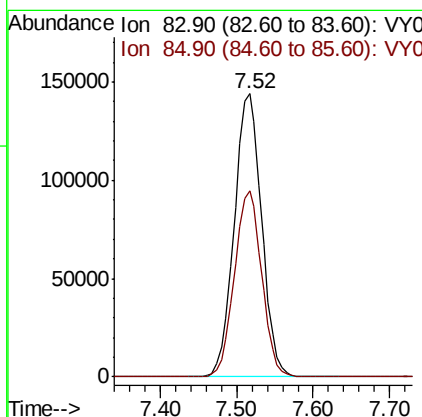
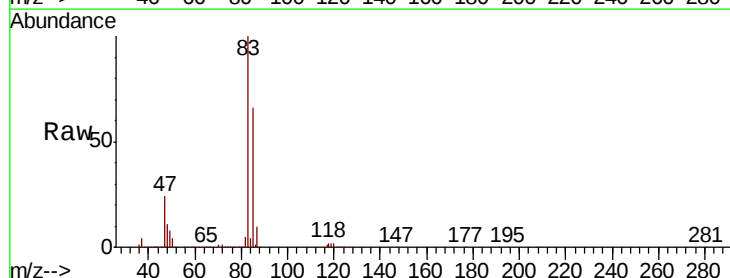
Manual Integrations
APPROVED

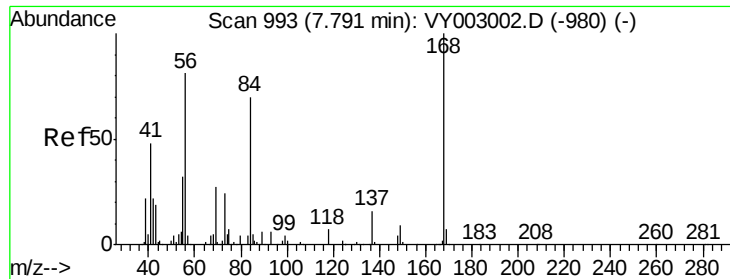
MMDadoda
7/6/2020 10:43:26 AM



#30
Chloroform
Concen: 51.046 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.7	77.5





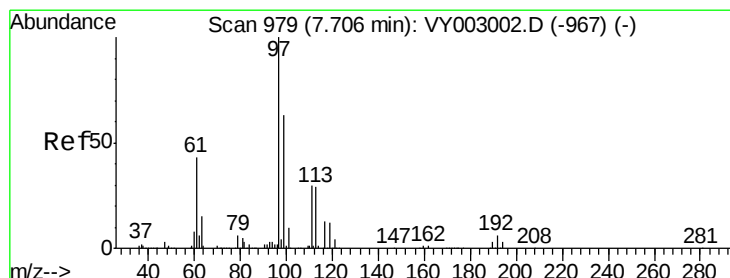
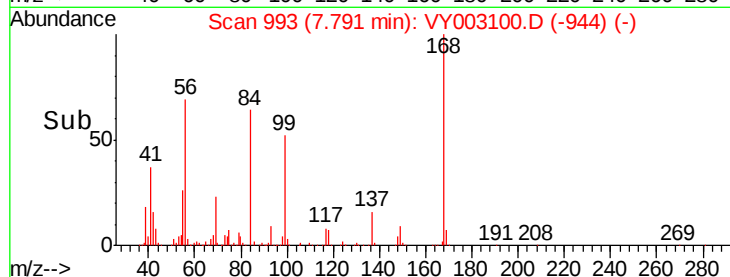
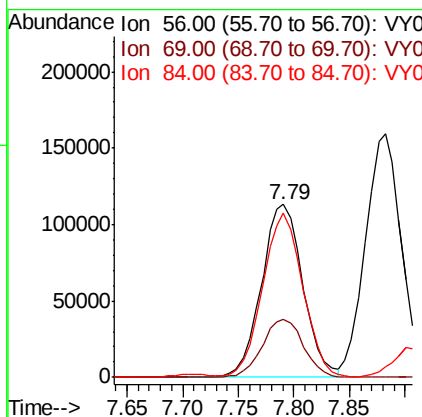
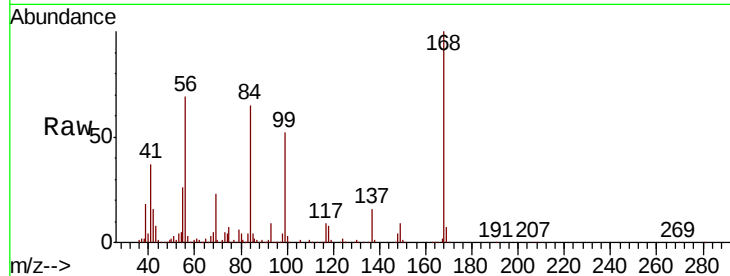
#31
Cyclohexane
Concen: 42.316 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	27.0	40.4
84	93.2	68.1	102.1

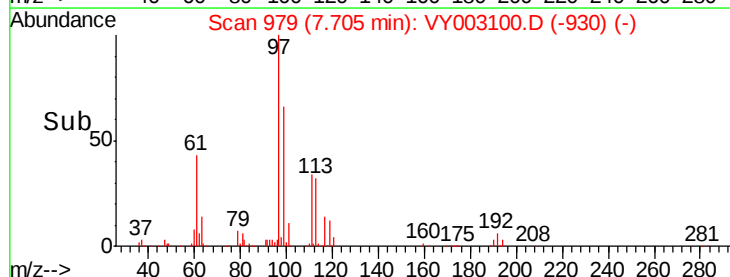
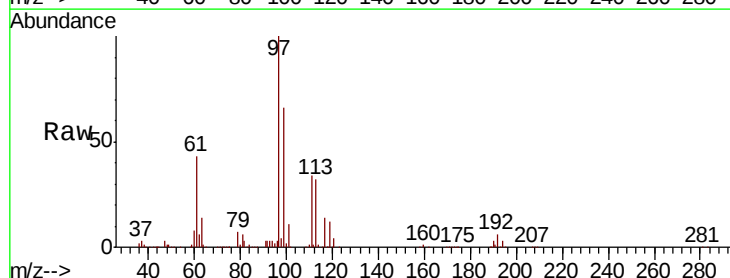
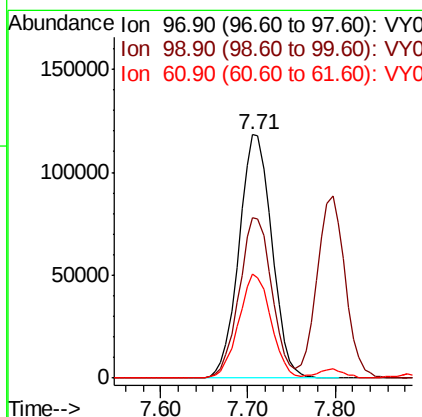
Manual Integrations
APPROVED

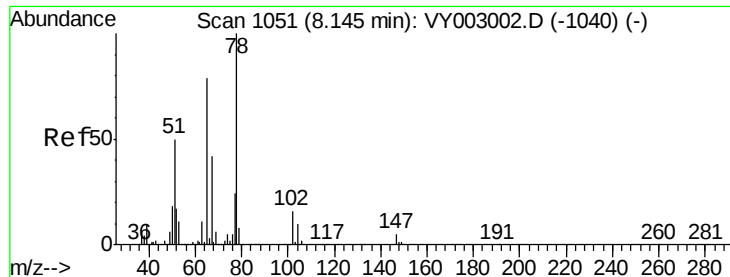
MMDadoda
7/6/2020 10:43:26 AM



#32
1,1,1-Trichloroethane
Concen: 48.655 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.4	77.2
61	41.8	33.9	50.9





#33

1,2-Dichloroethane-d4

Concen: 52.735 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 207664

Ion Ratio Lower Upper

65 100

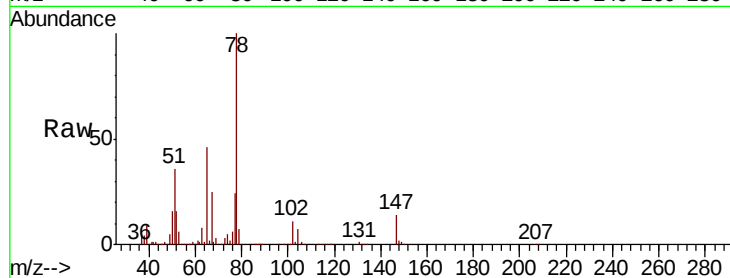
67 53.9 0.0 105.6

Manual Integrations

APPROVED

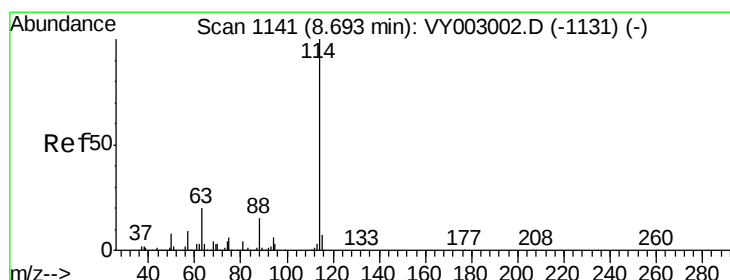
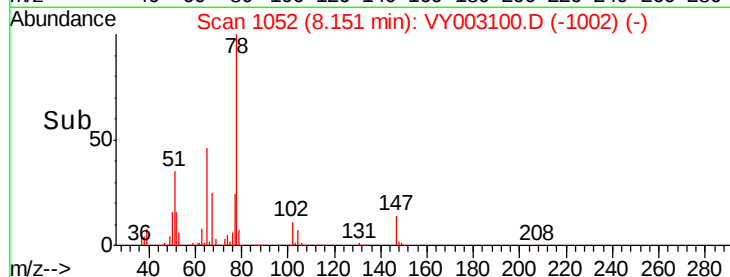
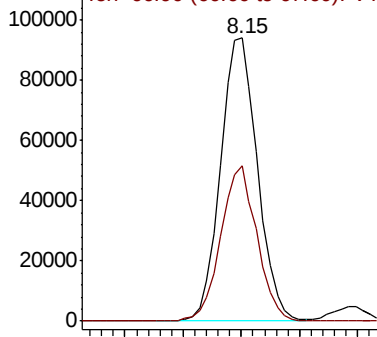
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

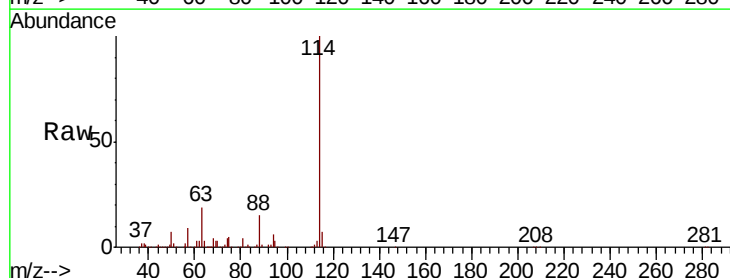
Tgt Ion: 114 Resp: 602474

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

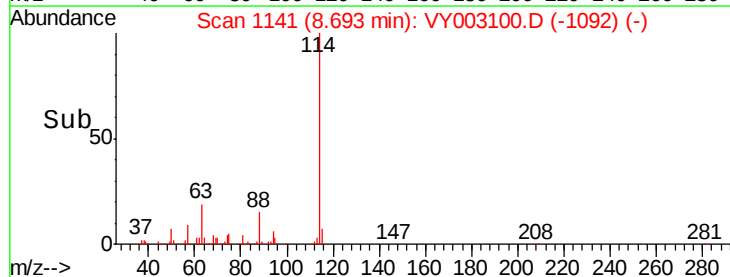
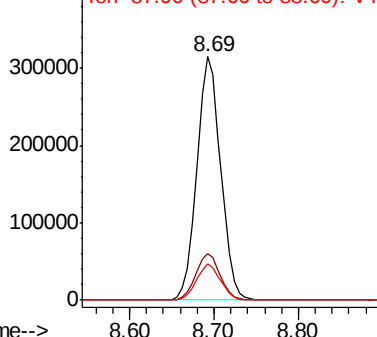
88 14.7 0.0 30.0

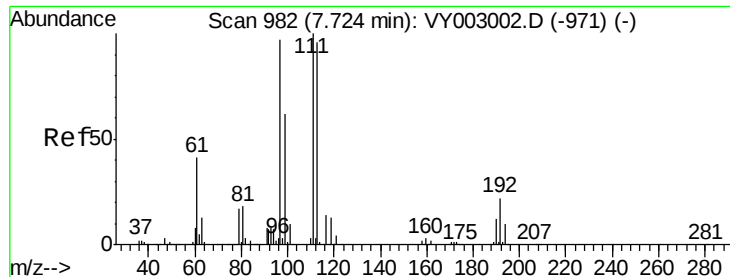


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





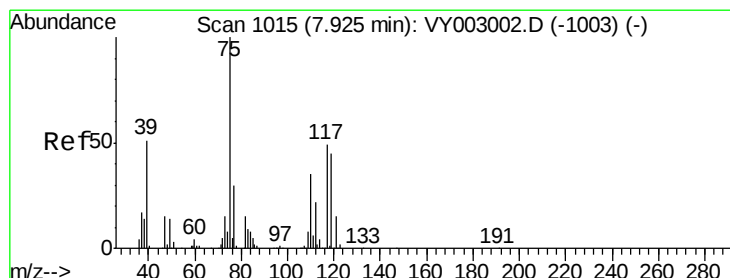
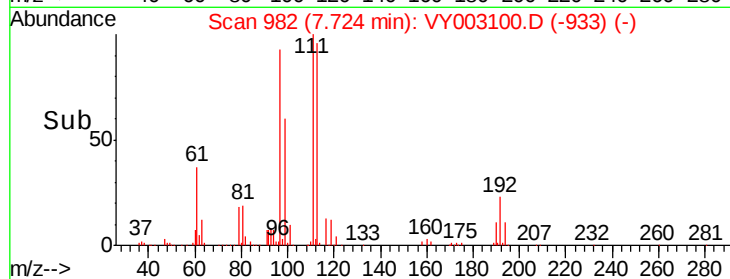
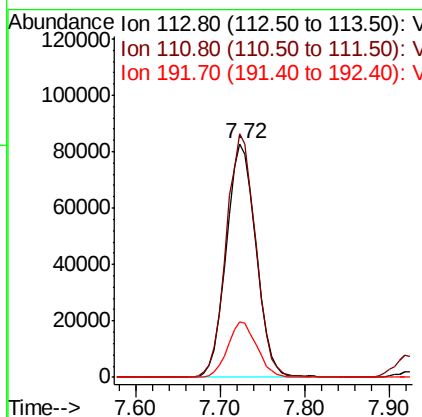
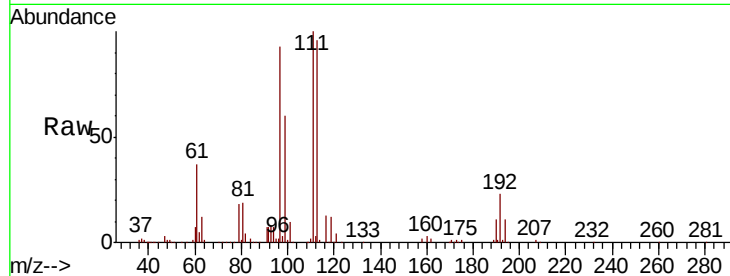
#35
 Dibromofluoromethane
 Concen: 52.753 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	198263		
111	103.4	82.6	123.8	
192	23.3	18.1	27.1	

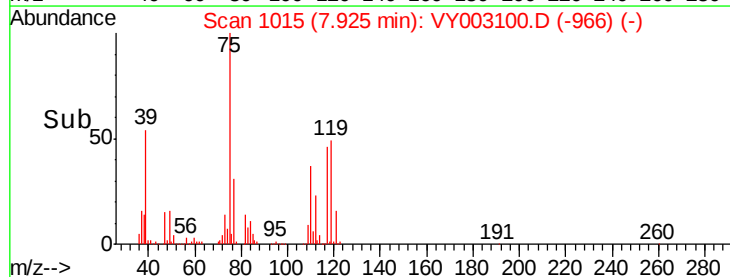
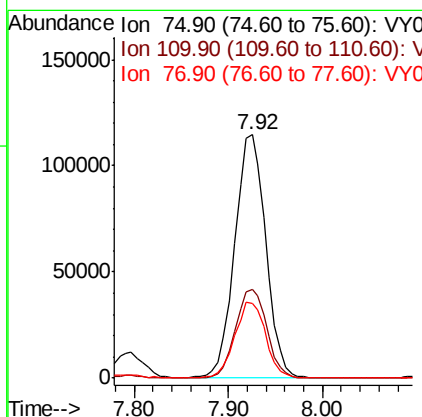
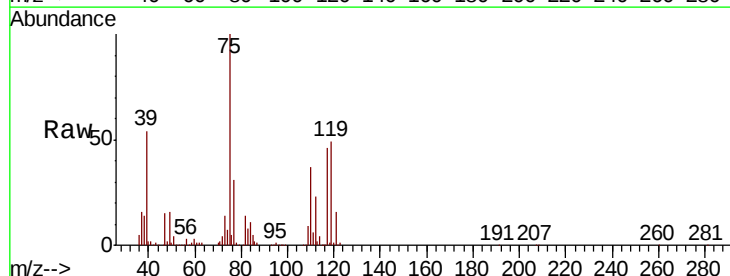
Manual Integrations
 APPROVED

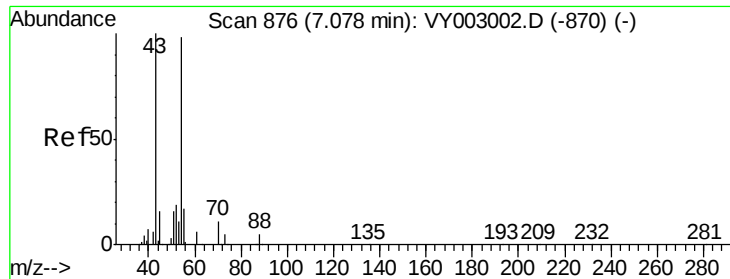
MMDadoda
 7/6/2020 10:43:26 AM



#36
 1,1-Dichloropropene
 Concen: 45.473 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	263892		
110	36.7	17.1	51.2	
77	31.1	24.9	37.3	





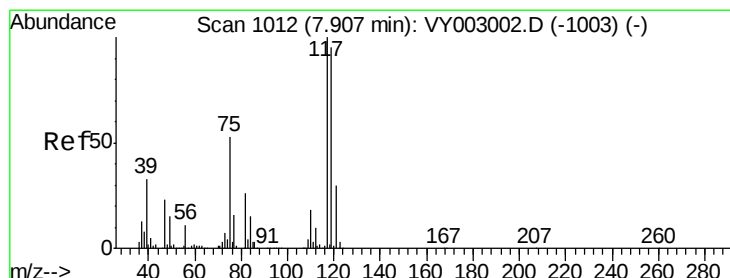
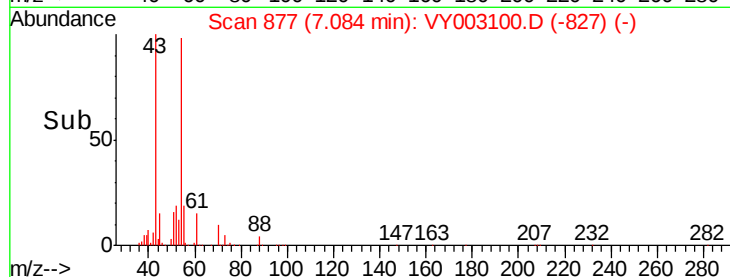
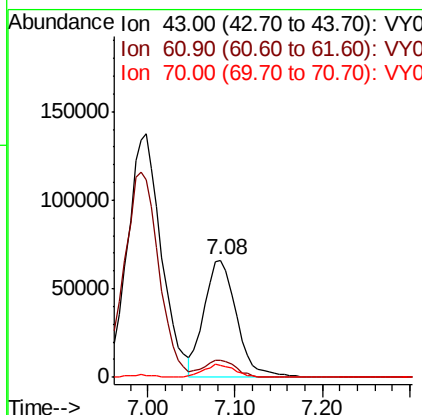
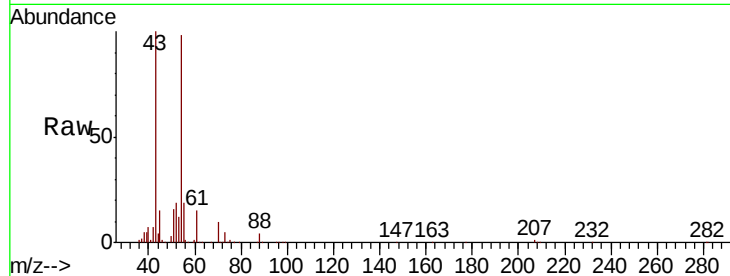
#37
Ethyl Acetate
Concen: 49.144 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	10.3	7.7	11.5

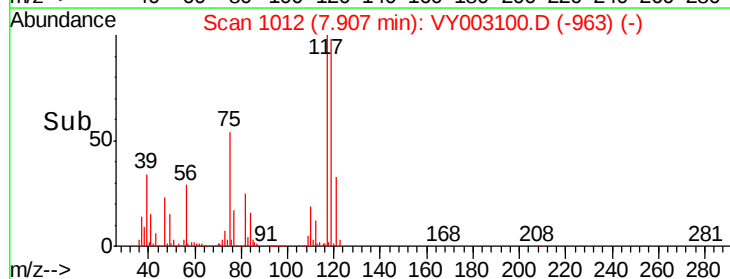
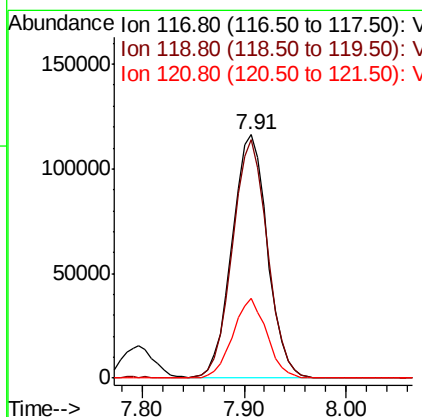
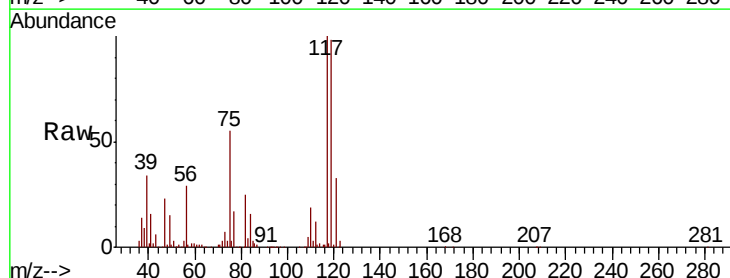
Manual Integrations
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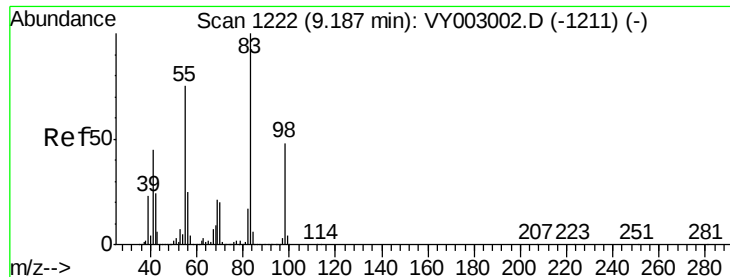
MMDadoda
7/6/2020 10:43:26 AM



#38
Carbon Tetrachloride
Concen: 46.425 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.7	113.5
121	32.6	23.9	35.9





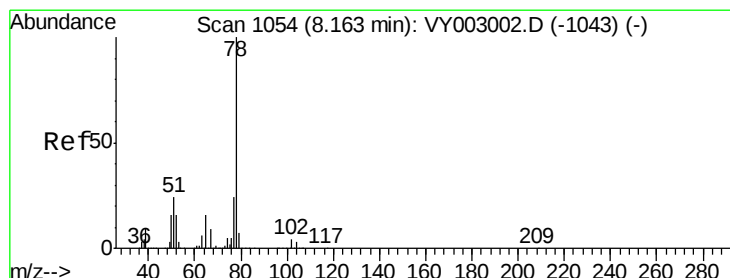
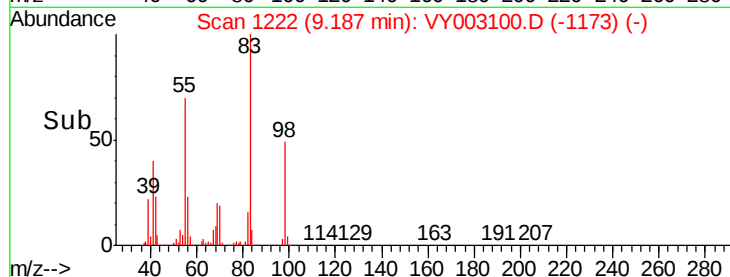
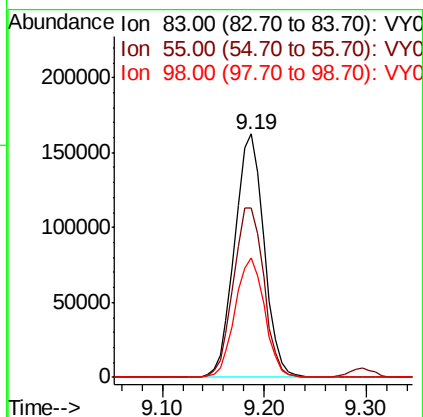
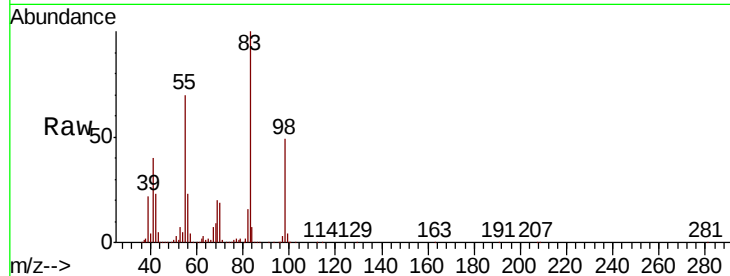
#39
Methvlcvclohexane
Concen: 45.017 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.7	59.9	89.9
98	48.9	38.7	58.1

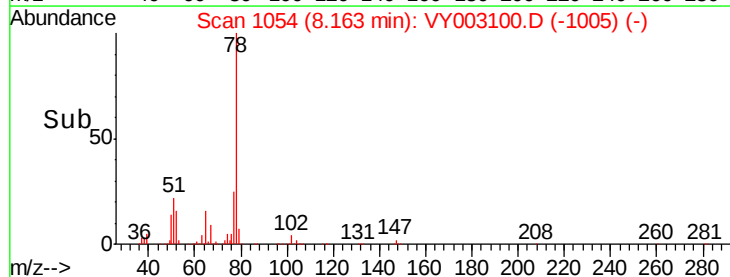
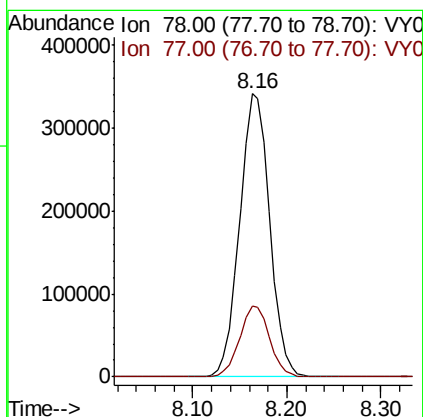
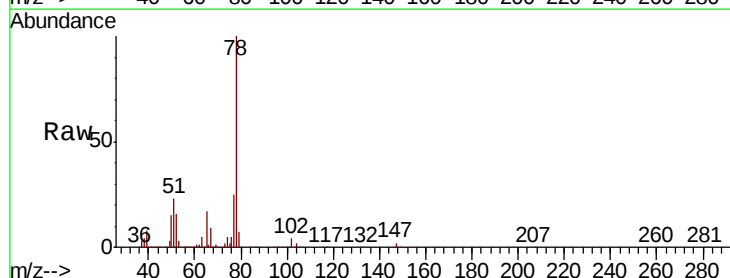
Manual Integrations
APPROVED

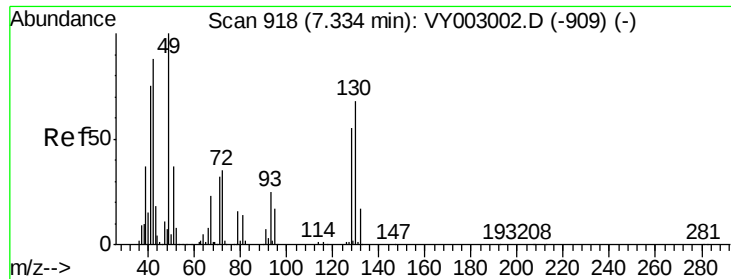
MMDadoda
7/6/2020 10:43:26 AM



#40
Benzene
Concen: 47.859 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8





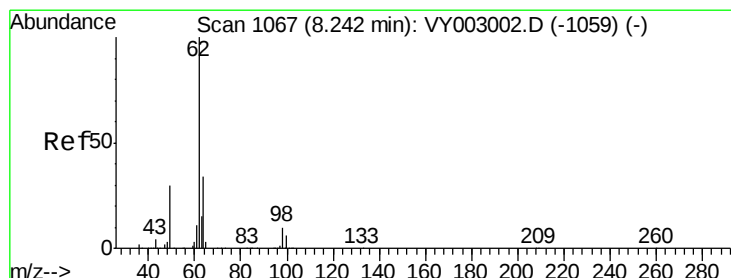
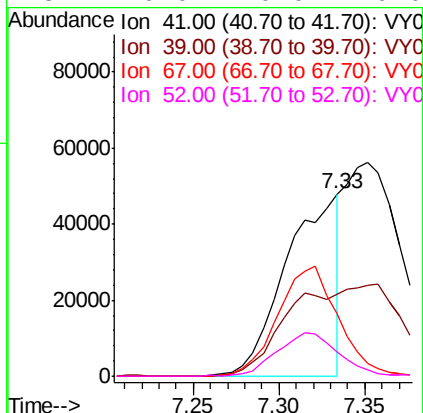
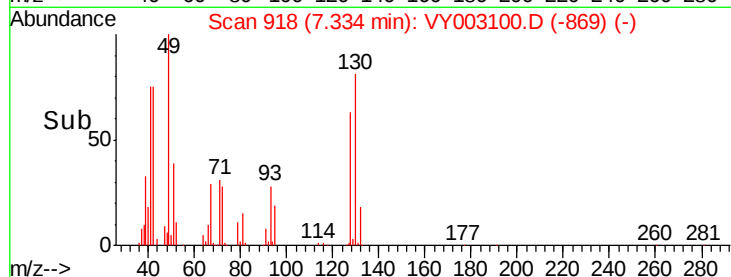
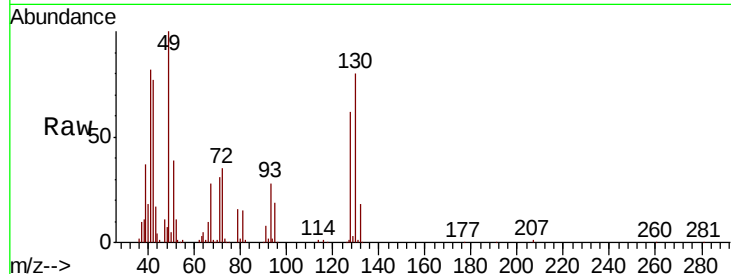
#41
Methacrylonitrile
Concen: 55.667 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

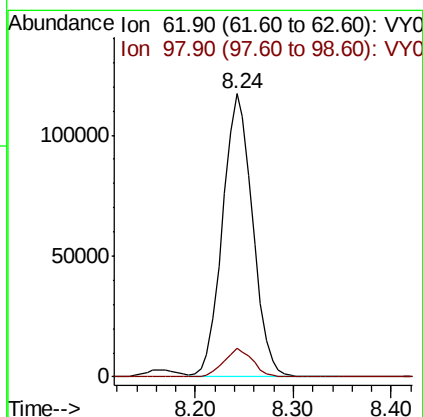
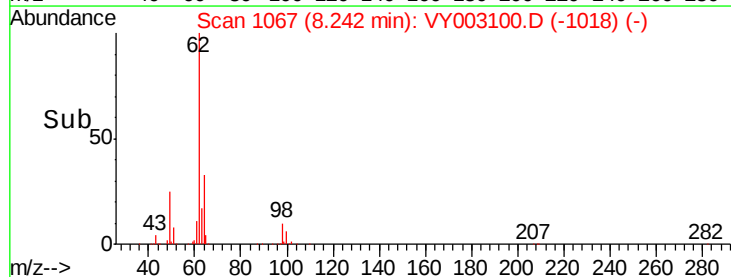
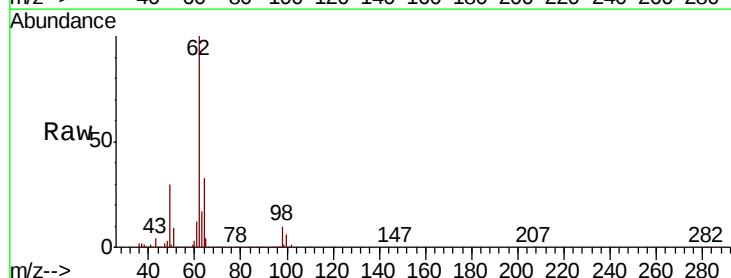
Manual Integrations
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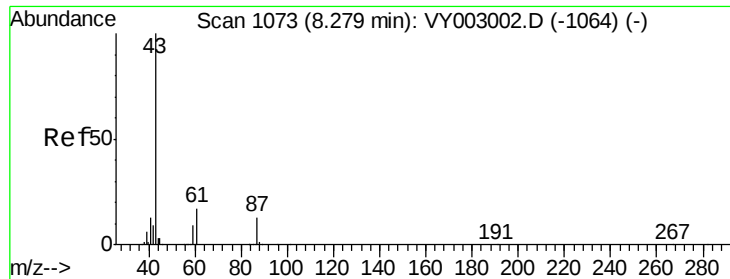
MMDadoda
7/6/2020 10:43:26 AM



#42
1,2-Dichloroethane
Concen: 49.539 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2





#43

Isopropyl Acetate

Concen: 49.863 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

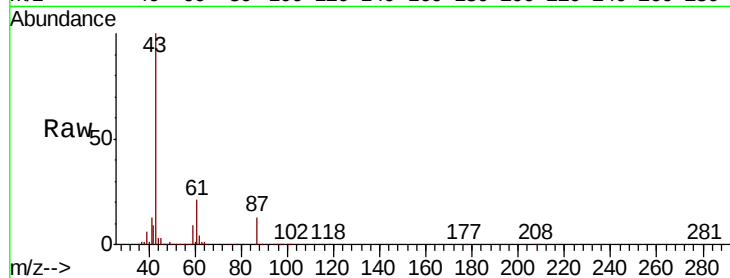
VSTDCCC050EC

Tot Ion: 43 Resp: 330752

Ion	Ratio	Lower	Upper
43	100		
61	29.4	21.8	32.6
87	14.0	10.1	15.1

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7/6/2020 10:43:26 AM

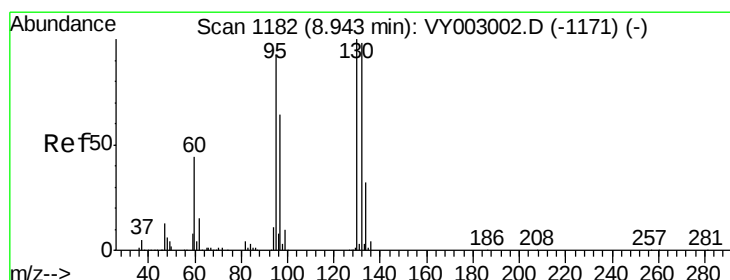
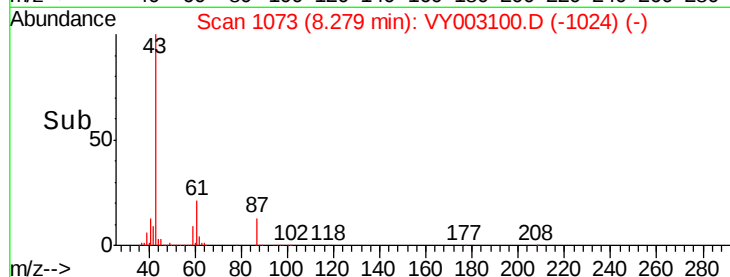
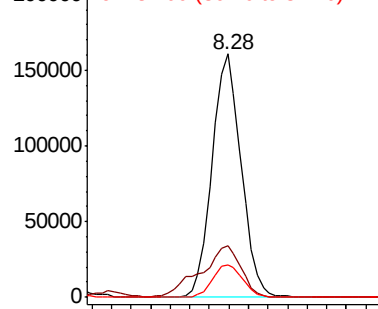


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 50.334 ug/l

RT: 8.94 min Scan# 1182

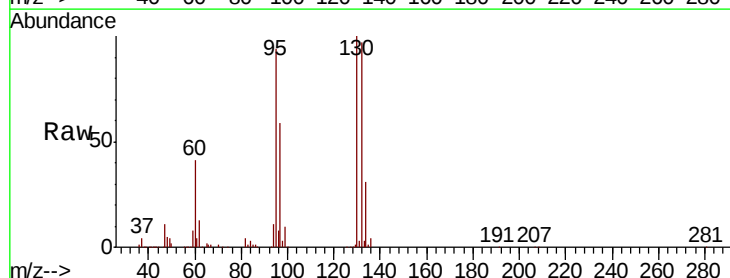
Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Tgt Ion: 130 Resp: 232433

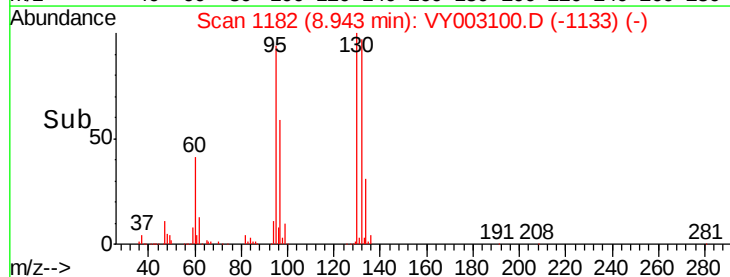
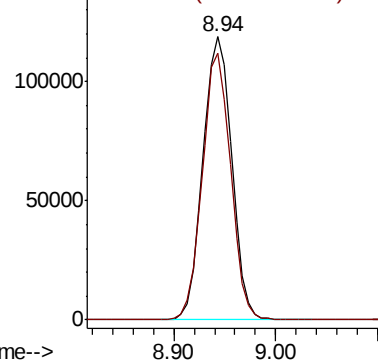
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	186.4

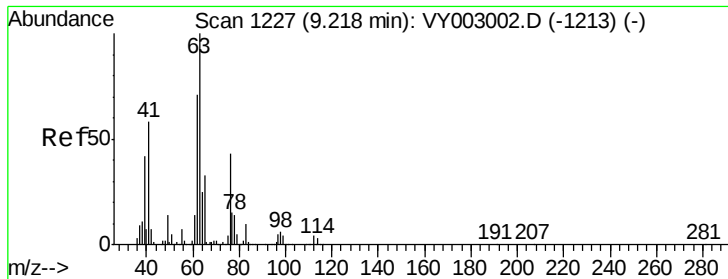


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





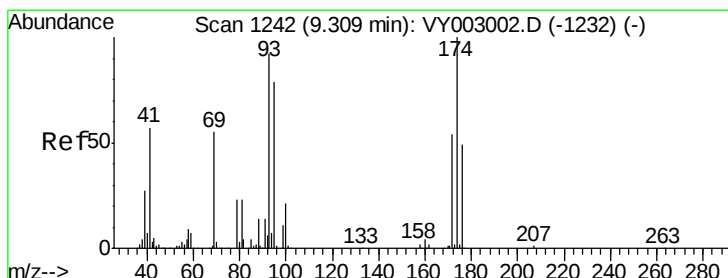
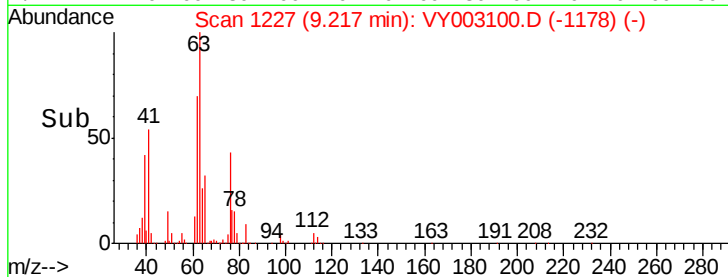
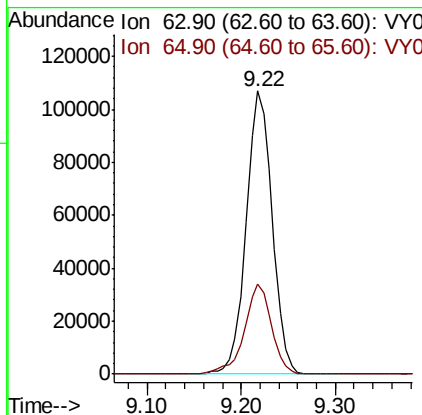
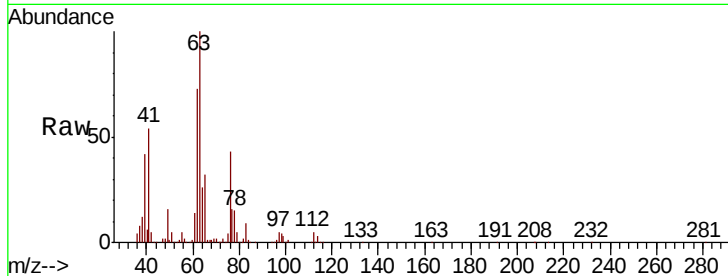
#45
 1,2-Dichloropropane
 Concen: 48.566 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.2	39.4

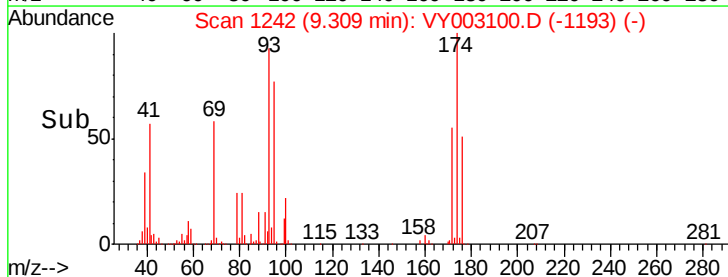
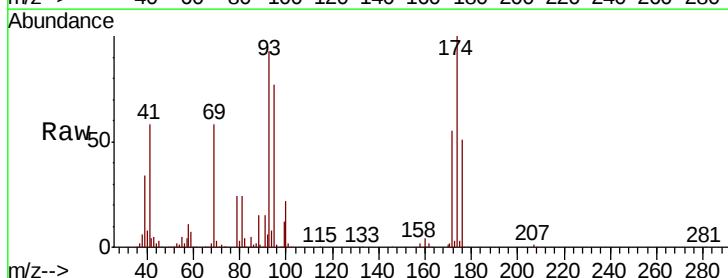
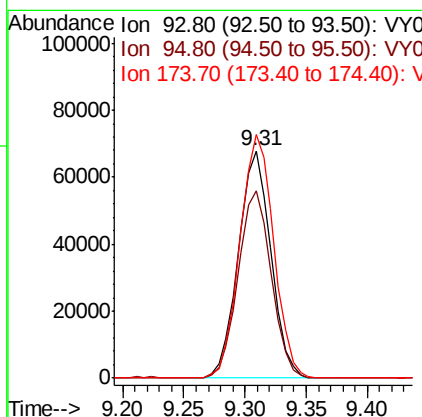
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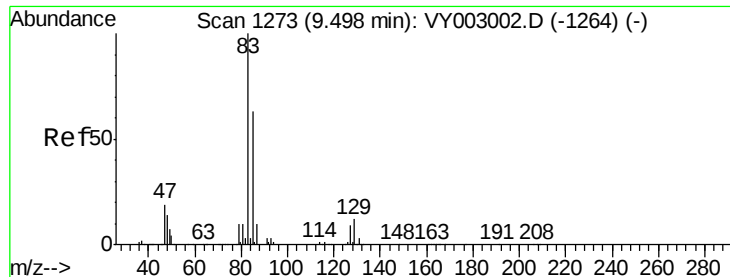
MMDadoda
 7/6/2020 10:43:26 AM



#46
 Dibromomethane
 Concen: 52.461 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.6	101.4
174	111.1	88.3	132.5





#47

Bromodichloromethane

Concen: 50.492 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

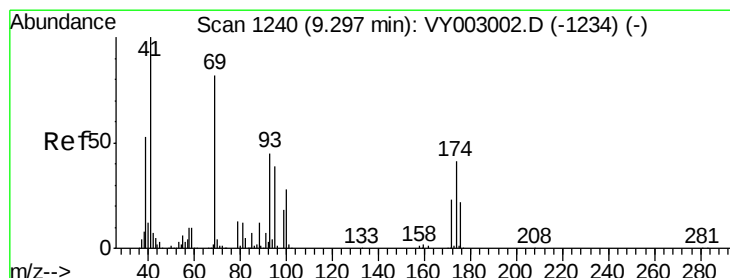
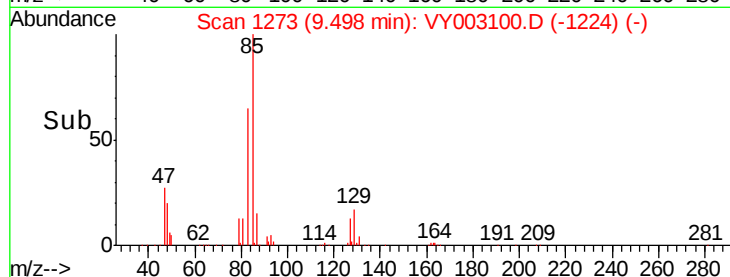
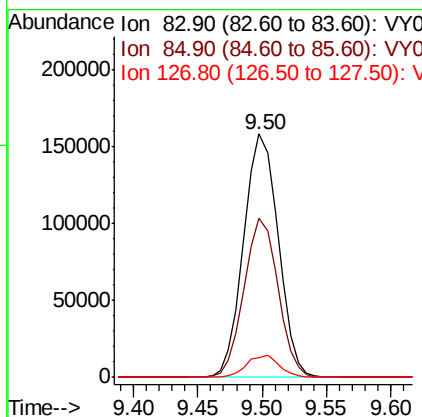
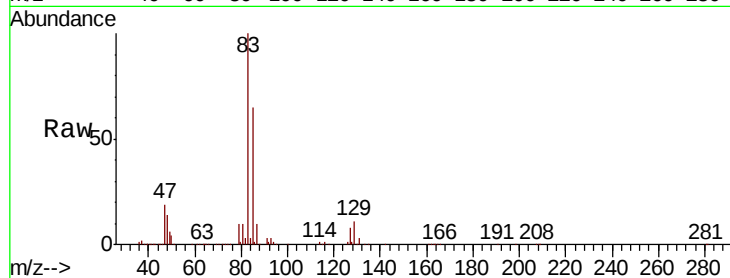
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	295161
Ion Ratio	Lower	Upper	
83	100		
85	65.4	50.5	75.7
127	8.2	7.0	10.4

Manual Integrations
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7/6/2020 10:43:26 AM



#48

Methyl methacrylate

Concen: 49.120 ug/l

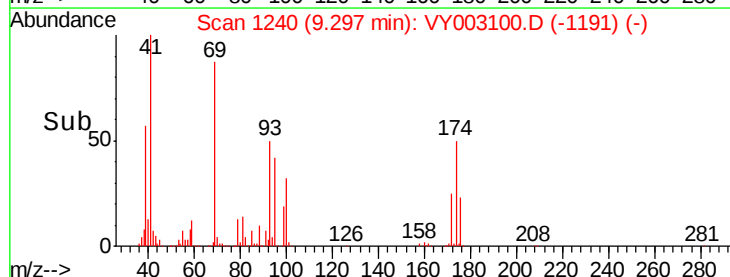
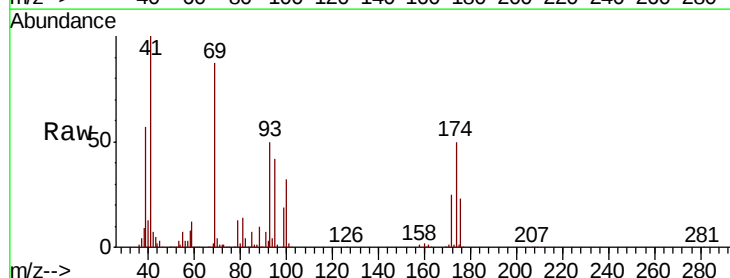
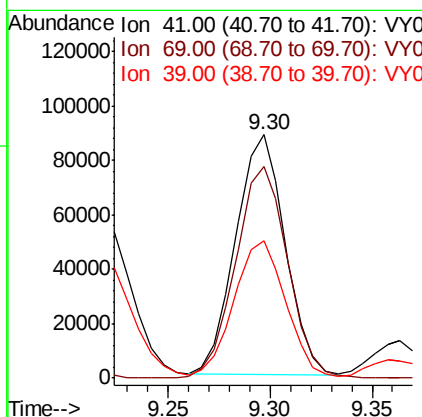
RT: 9.30 min Scan# 1240

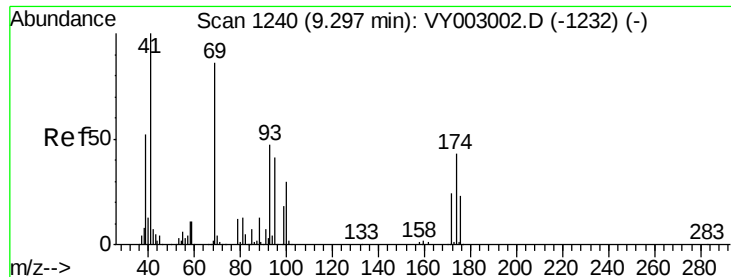
Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Tgt Ion:	41	Resp:	148307
Ion Ratio	Lower	Upper	
41	100		
69	93.1	67.7	101.5
39	60.5	45.0	67.4





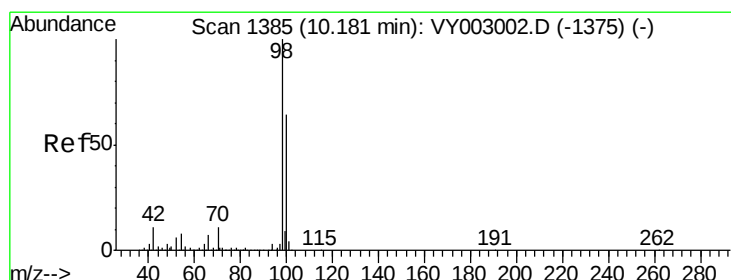
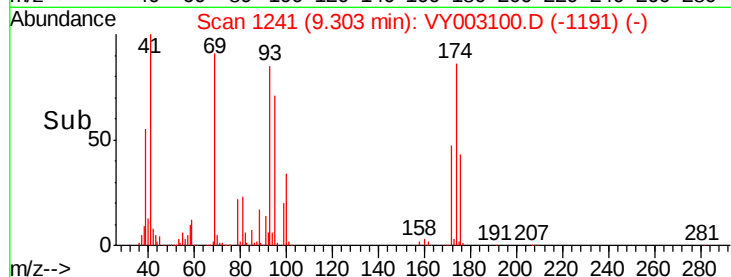
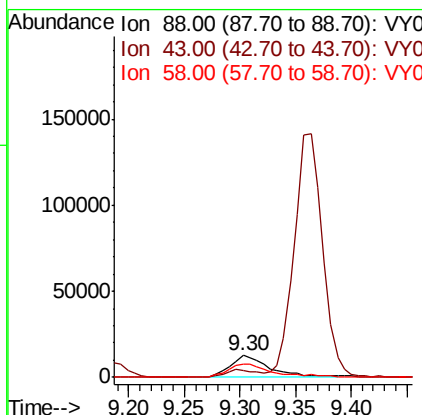
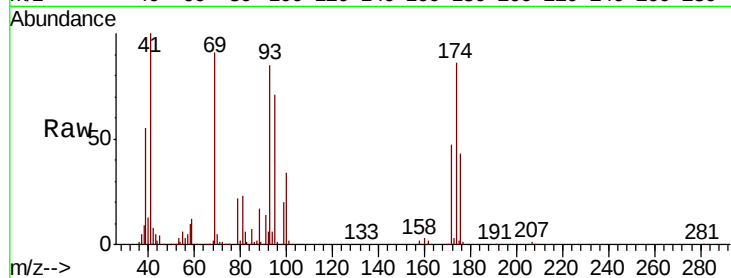
#49
1,4-Dioxane
Concen: 1078.751 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.9	28.6	42.8#
58	71.7	56.7	85.1

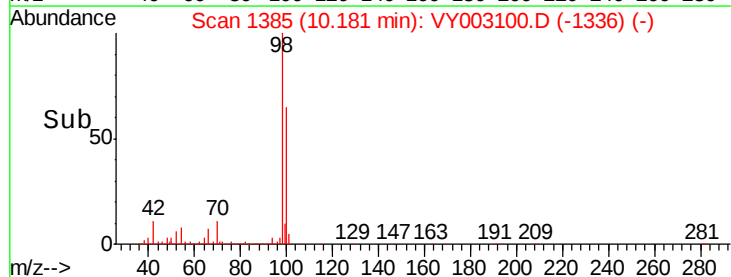
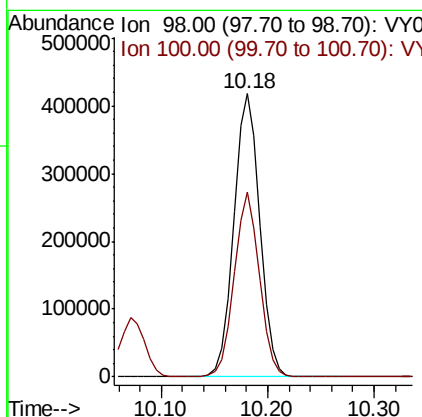
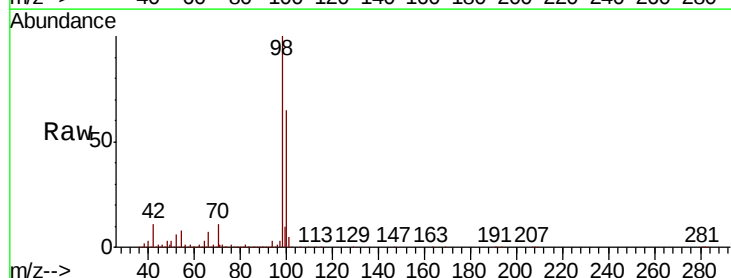
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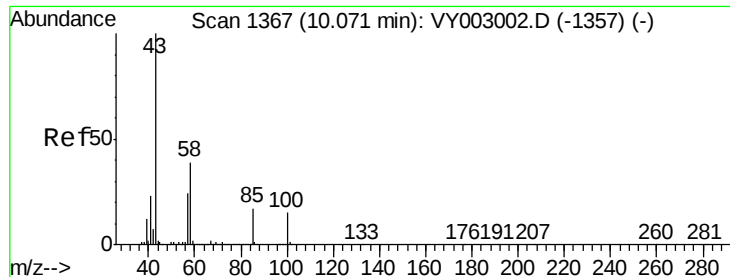
MMDadoda
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#50
Toluene-d8
Concen: 50.901 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.1	76.7





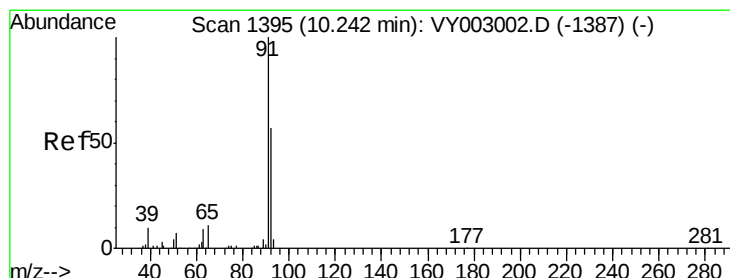
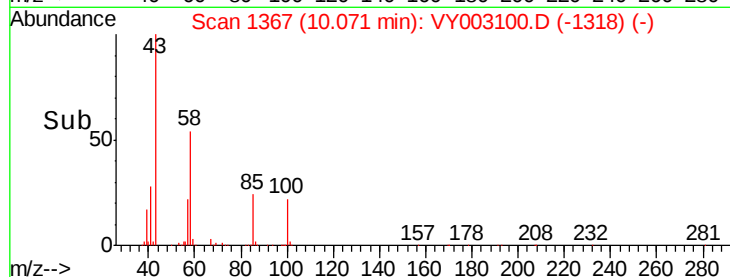
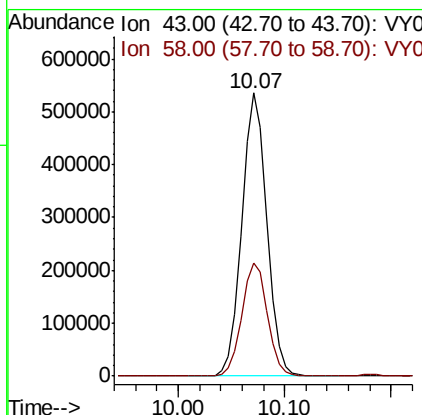
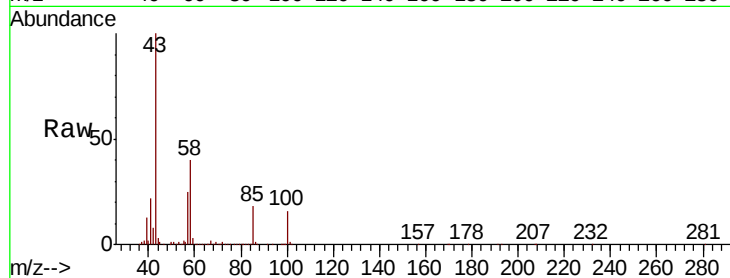
#51
4-Methyl-2-Pentanone
Concen: 258.070 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	884772
Ion Ratio	100	Lower	Upper
43	100		
58	40.8	31.1	46.7

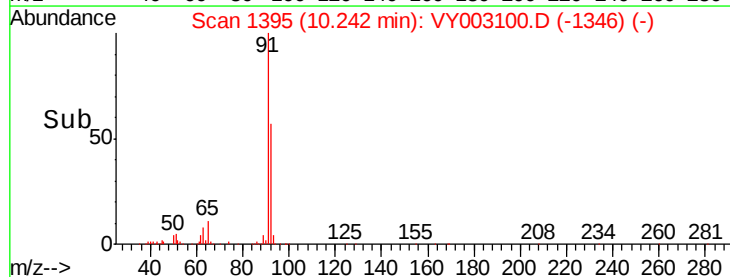
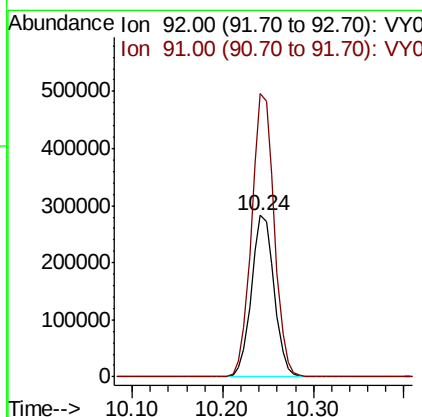
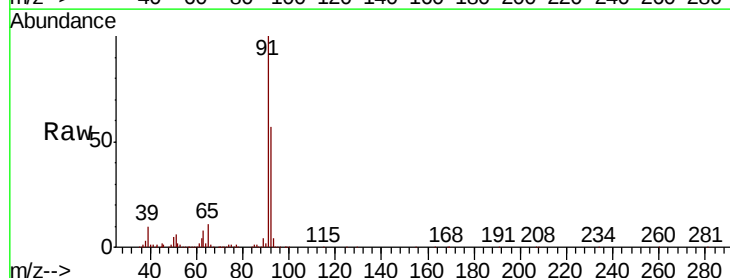
Manual Integrations
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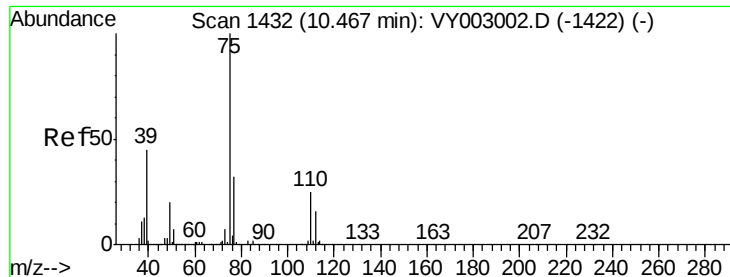
MMDadoda
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#52
Toluene
Concen: 48.951 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	92	Resp	489583
Ion Ratio	100	Lower	Upper
92	100		
91	174.8	139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 50.424 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 309037

Ion Ratio Lower Upper

75 100

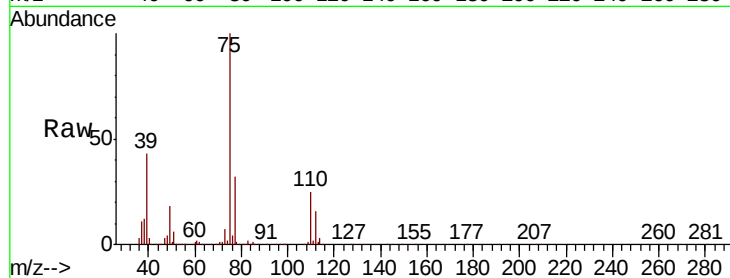
77 31.8 25.9 38.9

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

200000

150000

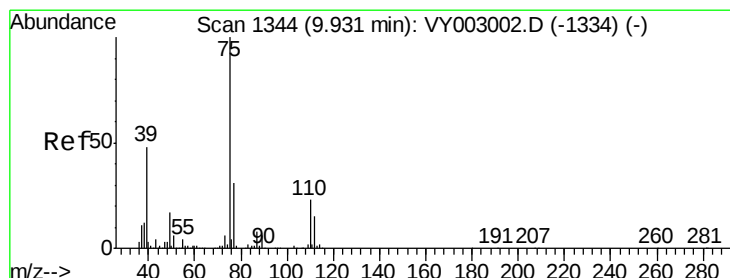
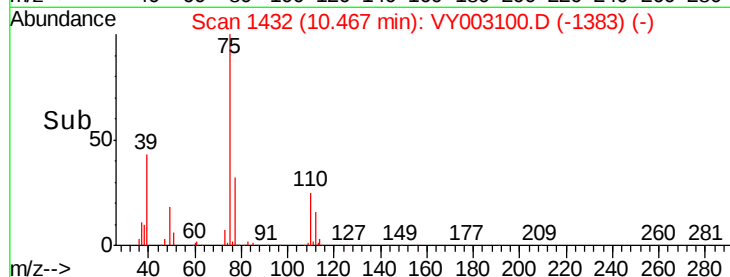
100000

50000

0

10.40 10.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.935 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

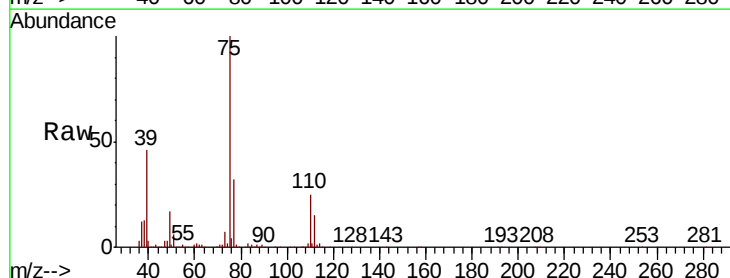
Tgt Ion: 75 Resp: 342999

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 46.3 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

250000

200000

150000

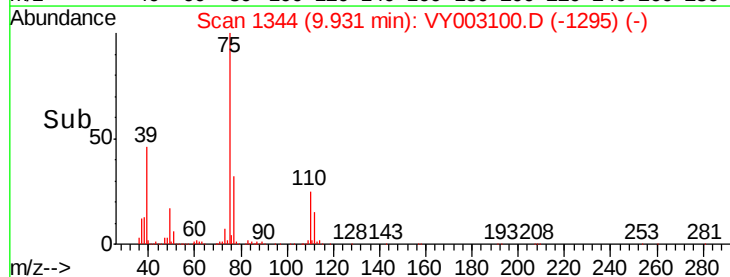
100000

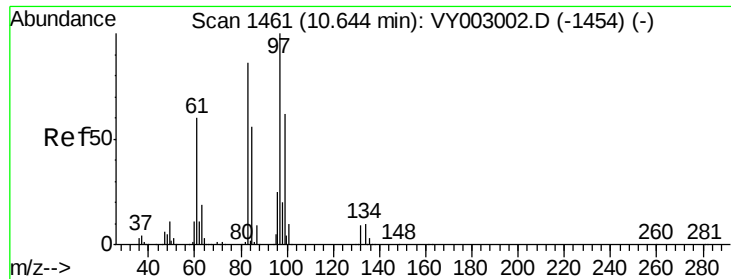
50000

0

9.90 10.00

Time-->





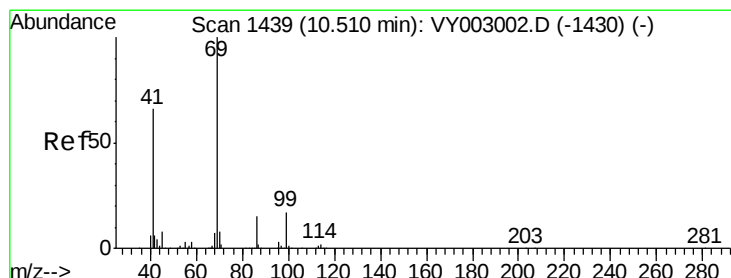
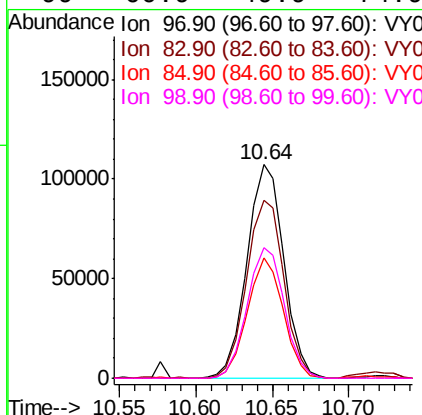
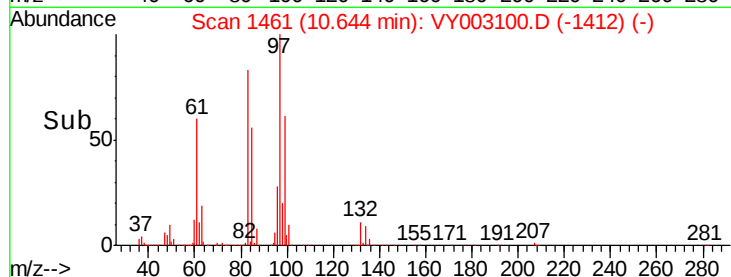
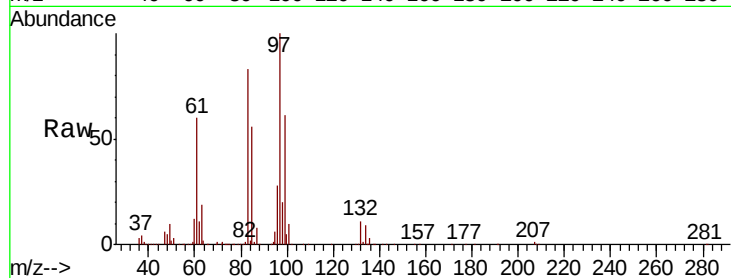
#55
 1,1,2-Trichloroethane
 Concen: 54.103 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	179483
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.0	103.6
85	56.1	44.8	67.2
99	60.9	49.9	74.9

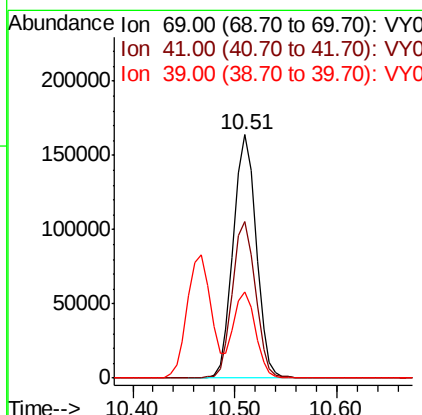
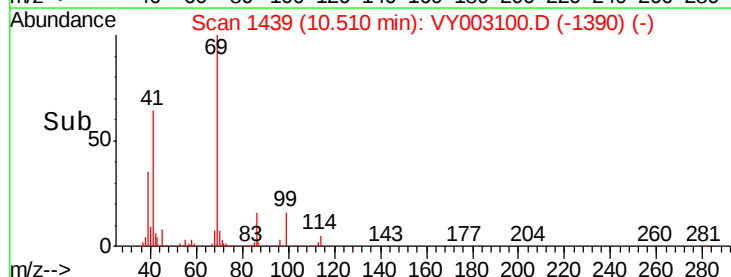
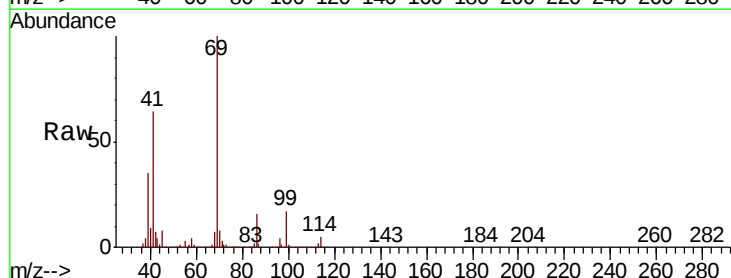
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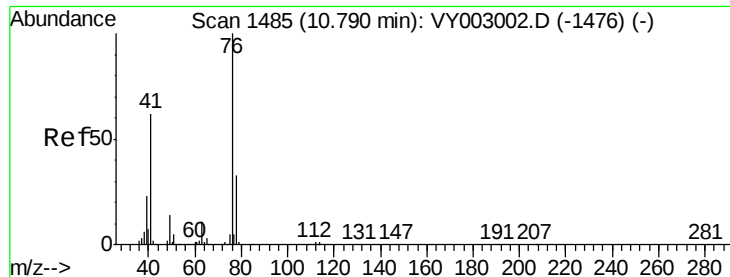
MMDadoda
 7/6/2020 10:43:26 AM



#56
 Ethyl methacrylate
 Concen: 53.140 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Tgt Ion	69	Resp	255187
Ion	Ratio	Lower	Upper
69	100		
41	63.7	53.7	80.5
39	33.0	28.3	42.5





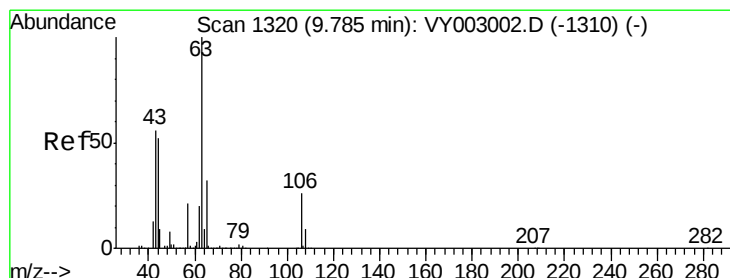
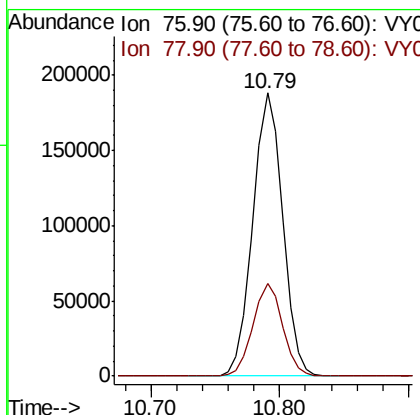
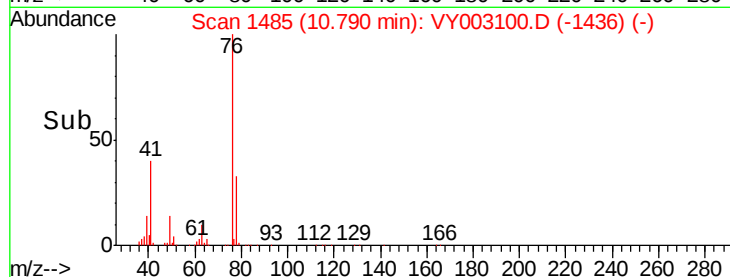
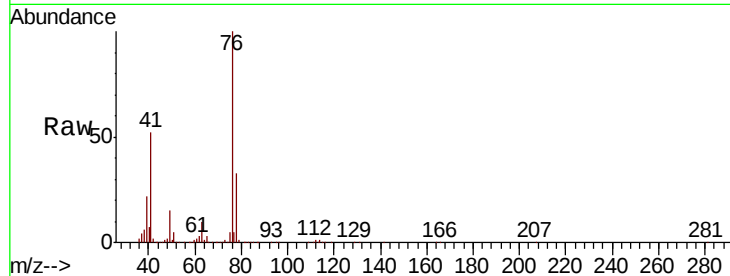
#57
 1,3-Dichloropropane
 Concen: 51.703 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

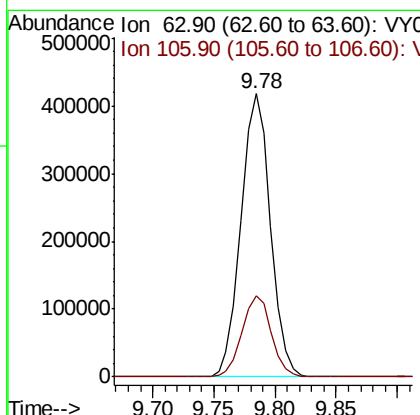
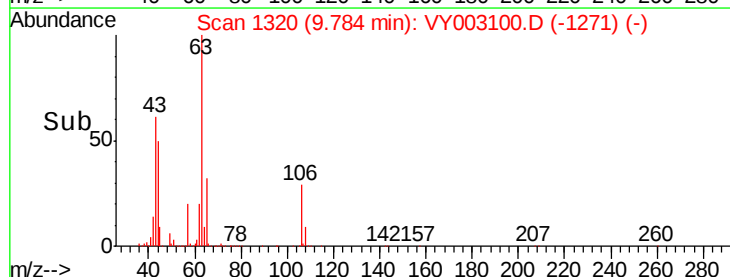
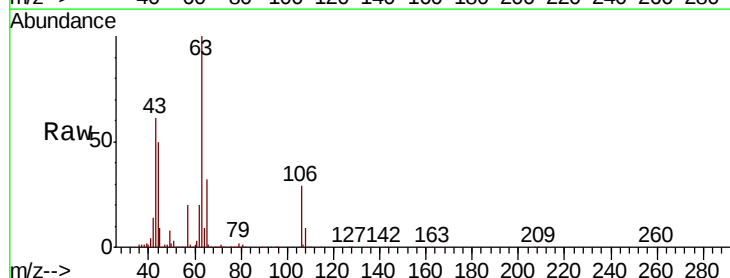
Manual Integrations
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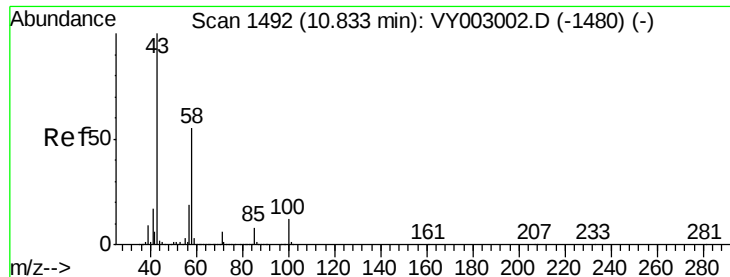
MMDadoda
 7/6/2020 10:43:26 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.758 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	21.5	32.3





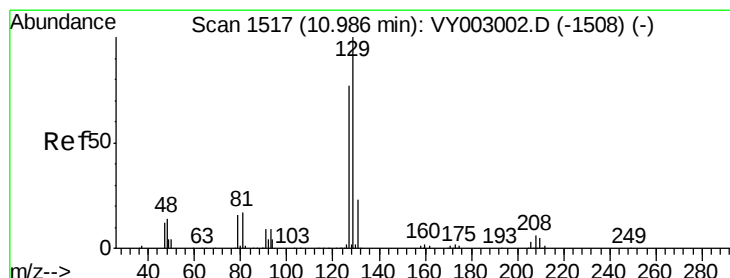
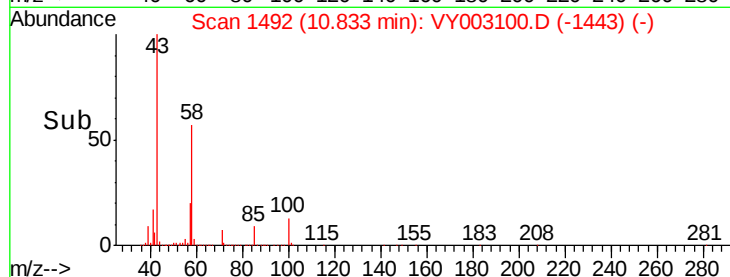
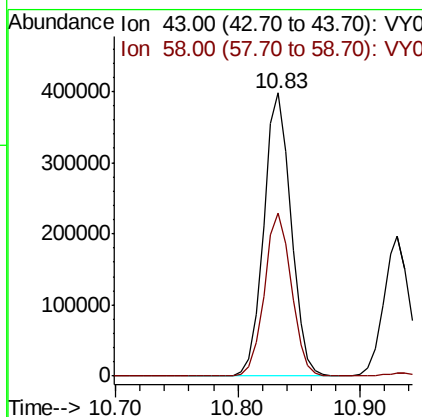
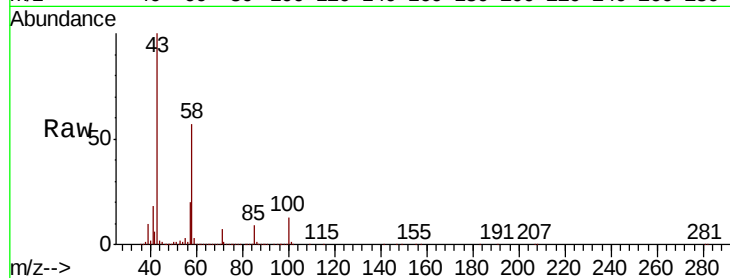
#59
2-Hexanone
Concen: 257.036 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 615947
Ion Ratio Lower Upper
43 100
58 57.2 27.5 82.4

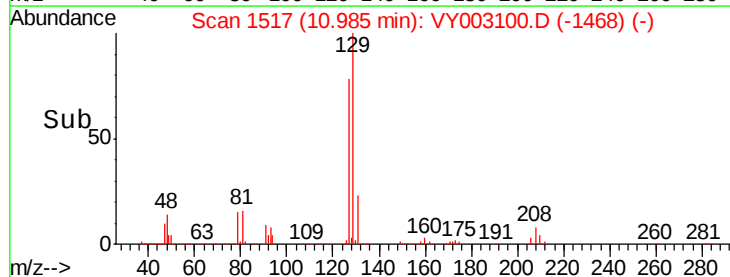
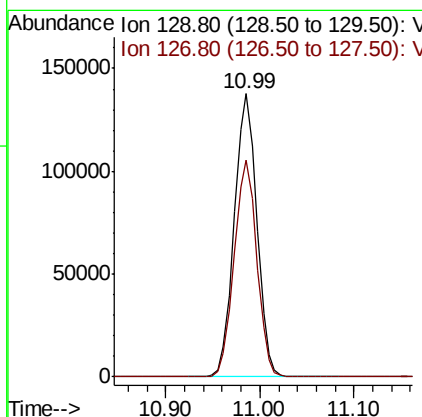
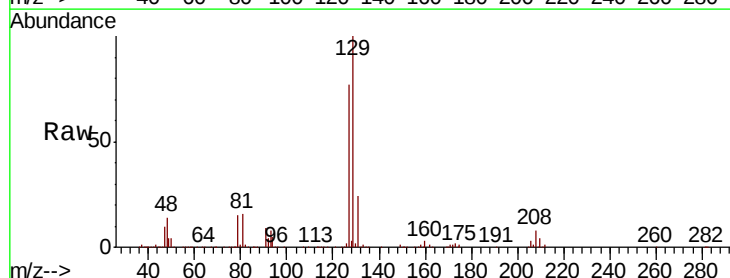
Manual Integrations
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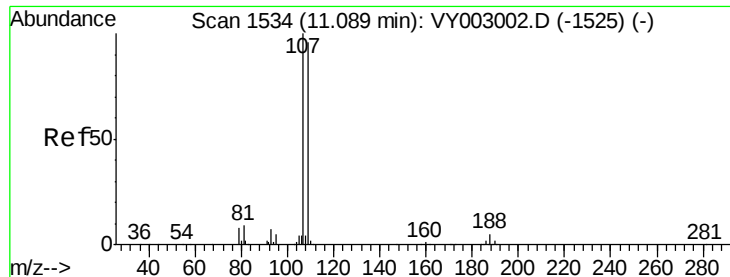
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7/6/2020 10:43:26 AM



#60
Dibromochloromethane
Concen: 53.976 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion: 129 Resp: 229149
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





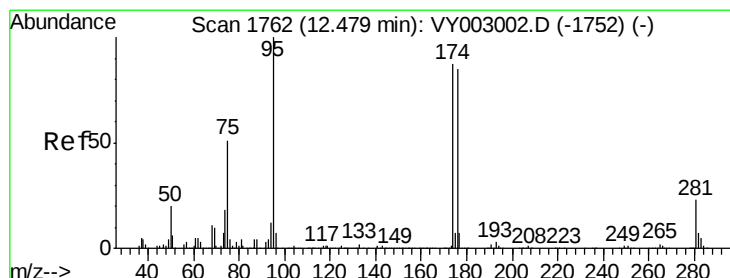
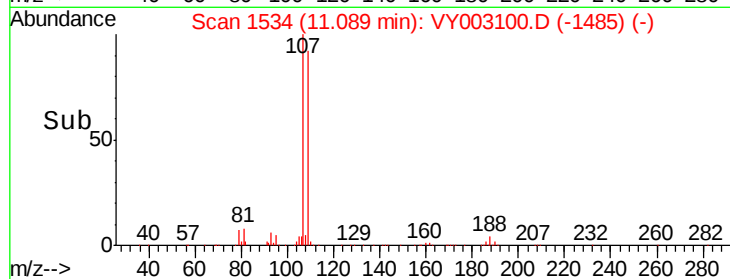
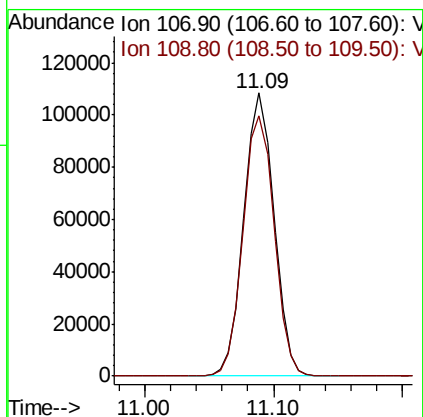
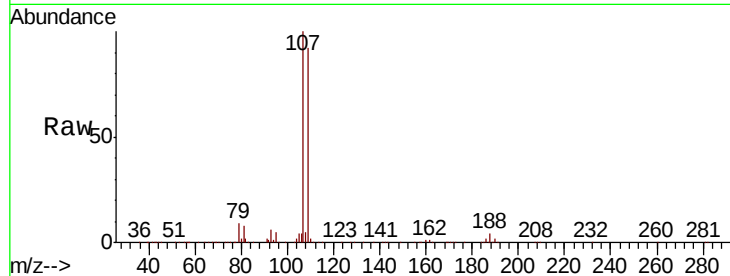
#61
 1,2-Dibromoethane
 Concen: 53.899 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.8	113.8

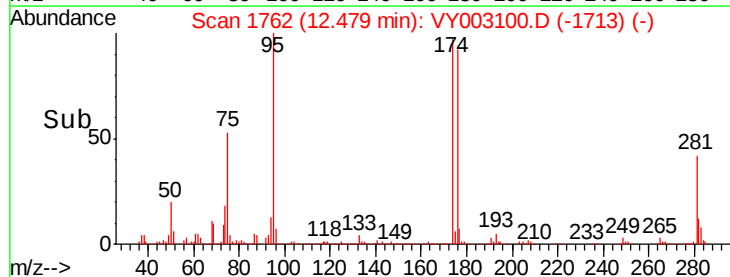
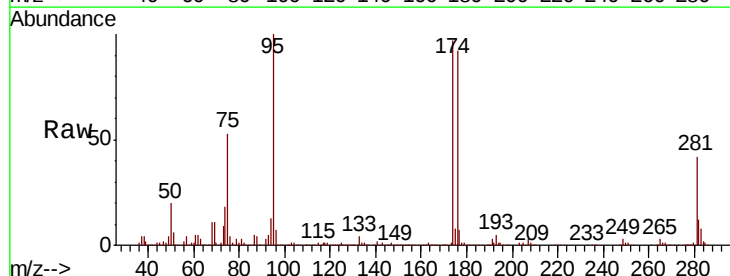
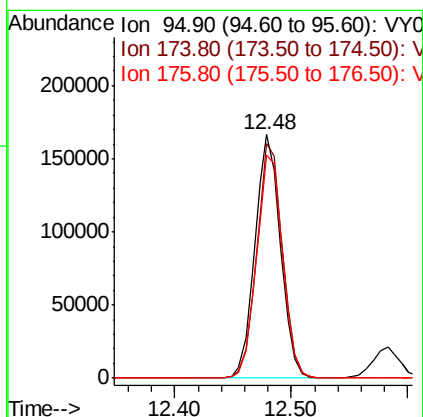
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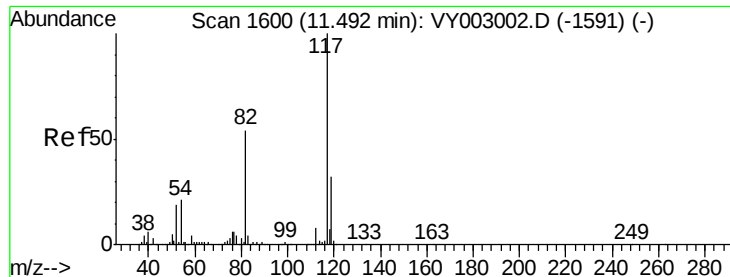
MMDadoda
 7/6/2020 10:43:26 AM



#62
 4-Bromofluorobenzene
 Concen: 51.606 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	184.8
176	93.4	0.0	183.0





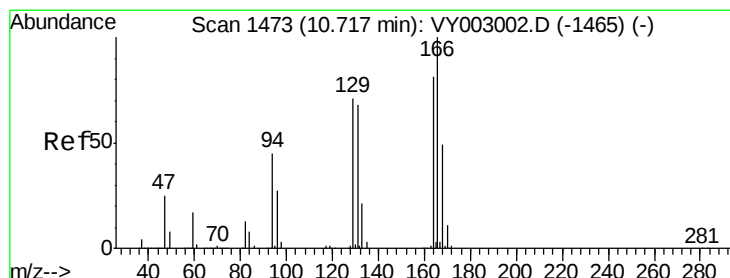
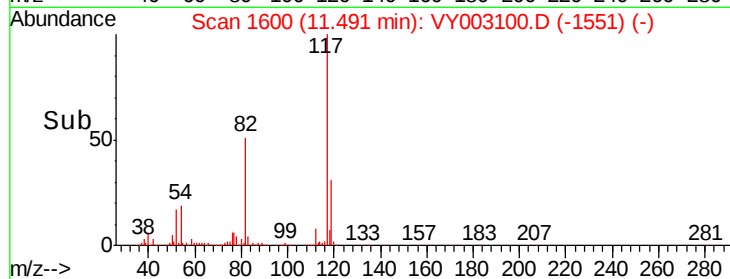
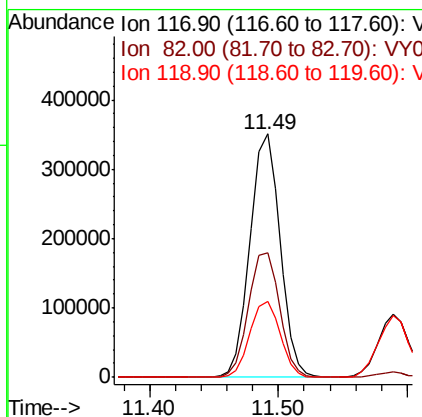
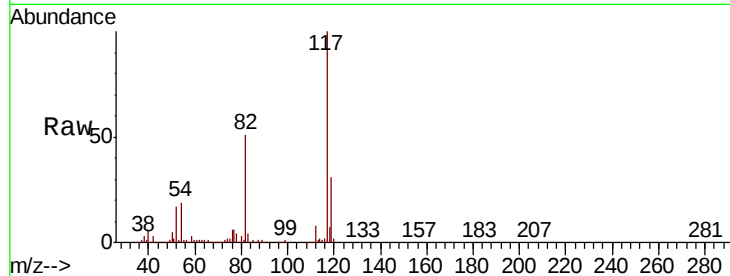
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	43.0	64.6
119	31.2	25.8	38.8

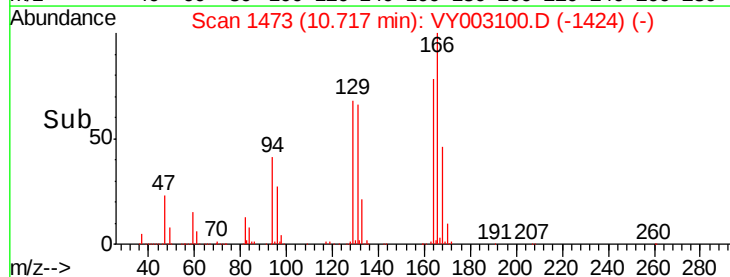
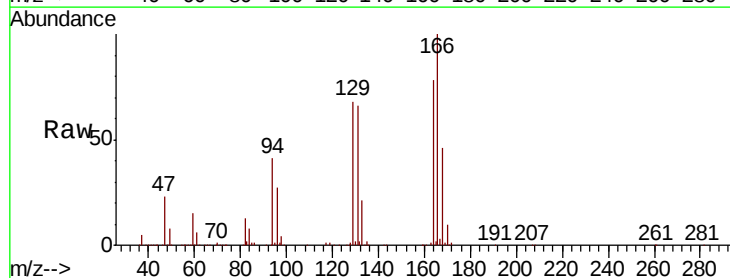
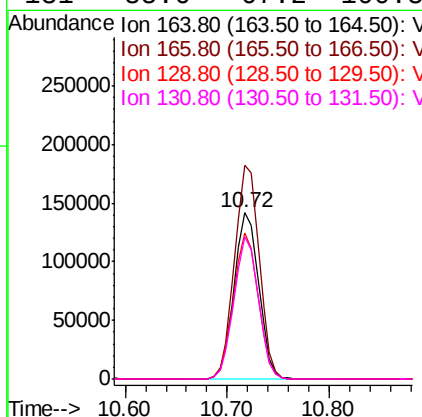
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#64
Tetrachloroethene
Concen: 49.540 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	98.5	147.7
129	87.8	69.7	104.5
131	85.6	67.2	100.8





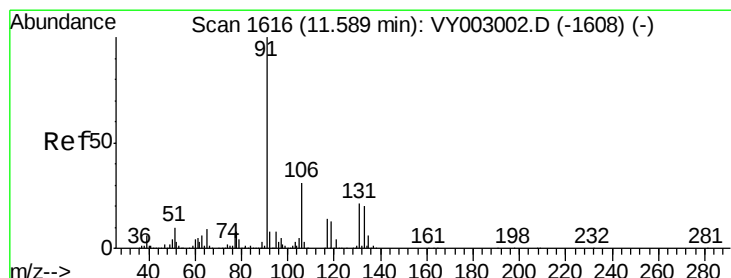
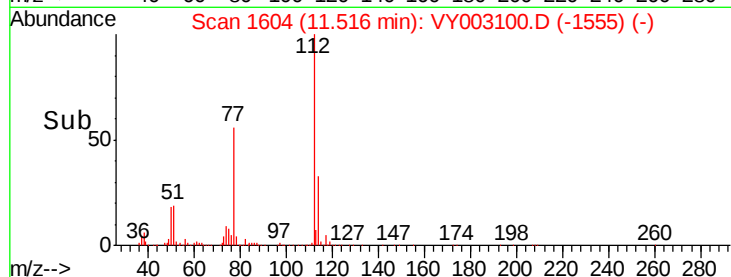
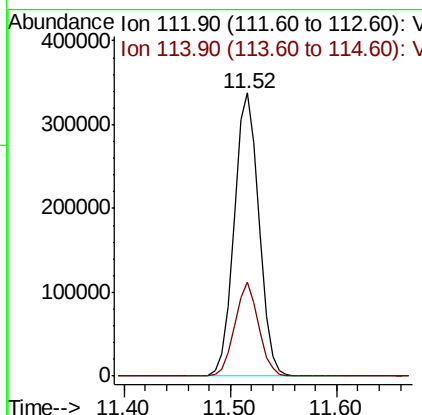
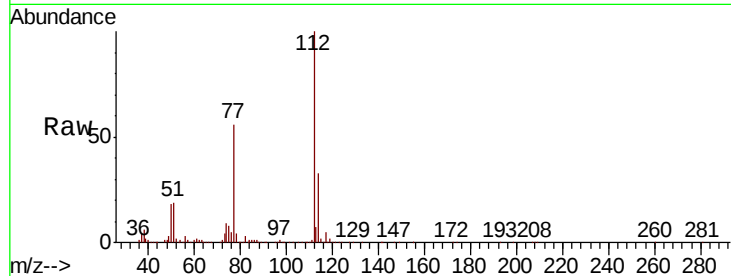
#65
Chlorobenzene
Concen: 49.429 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.7	38.5

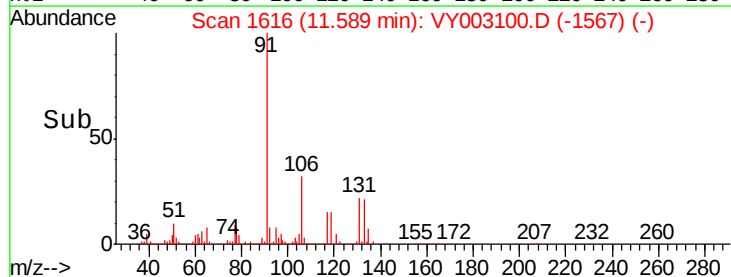
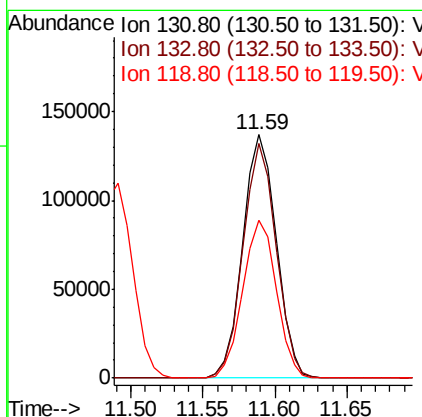
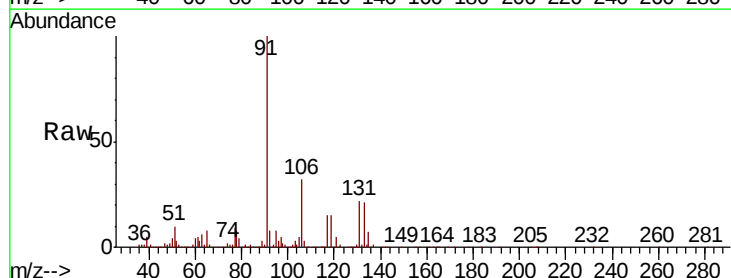
Manual Integrations
APPROVED

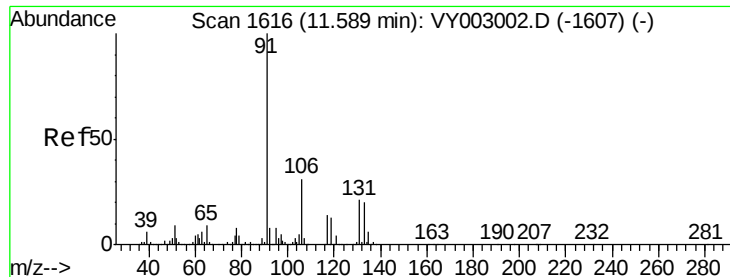
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.856 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.9	143.8
119	65.2	31.8	95.3





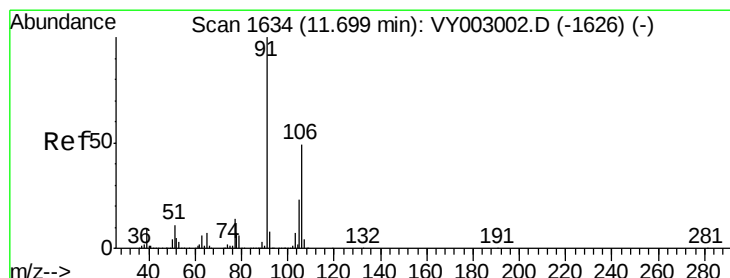
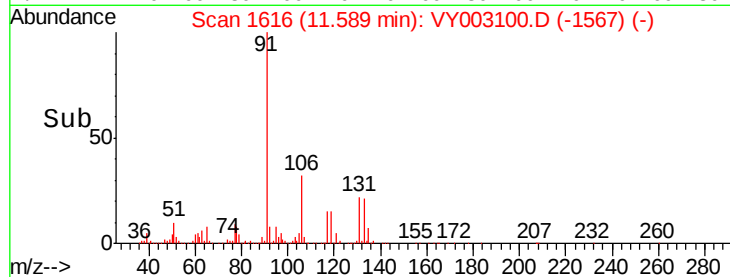
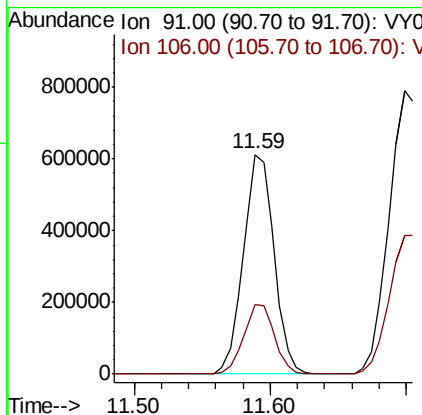
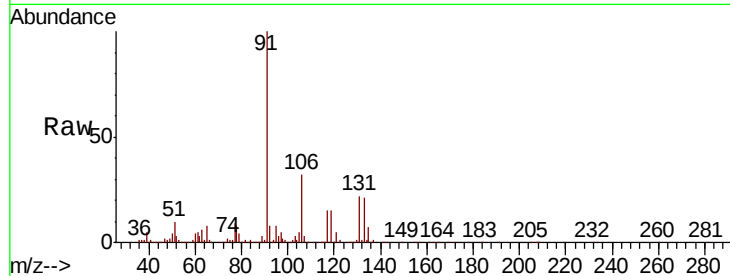
#67
Ethyl Benzene
Concen: 47.434 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.0	37.4

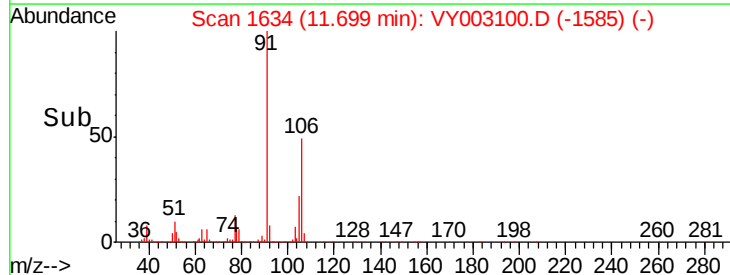
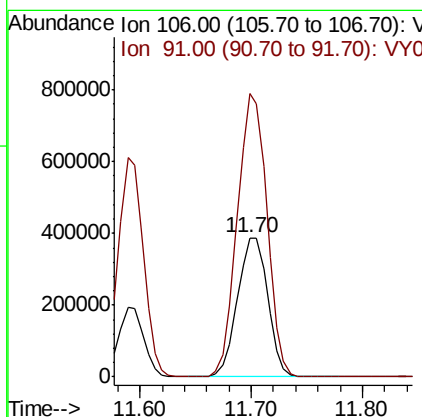
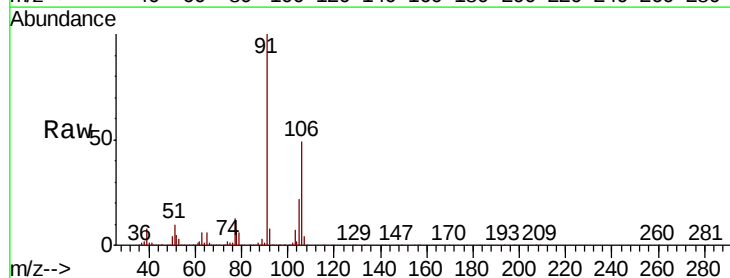
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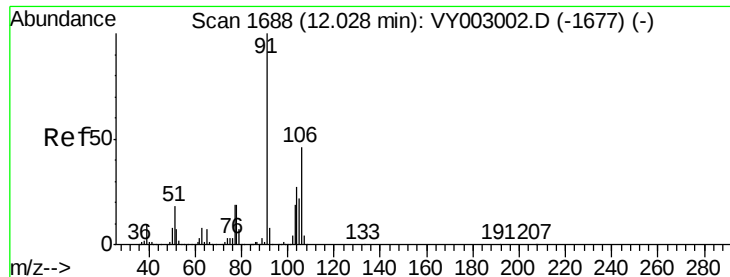
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#68
m/p-Xylenes
Concen: 96.504 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.9	161.9	242.9





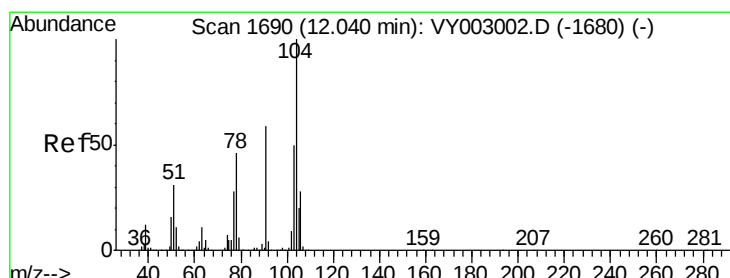
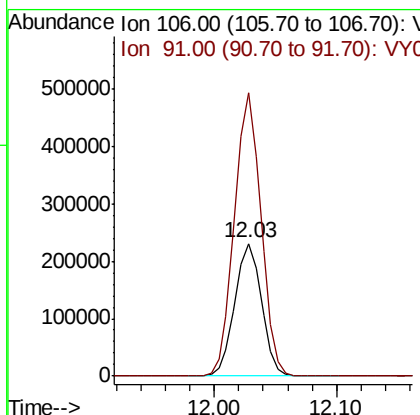
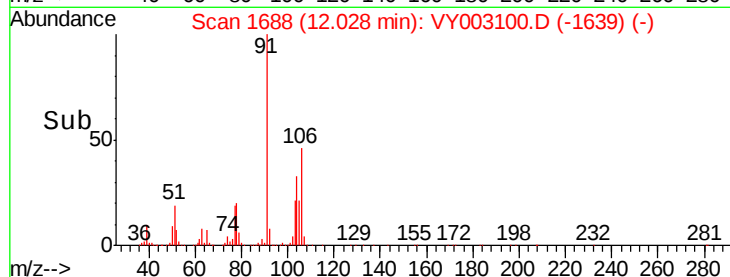
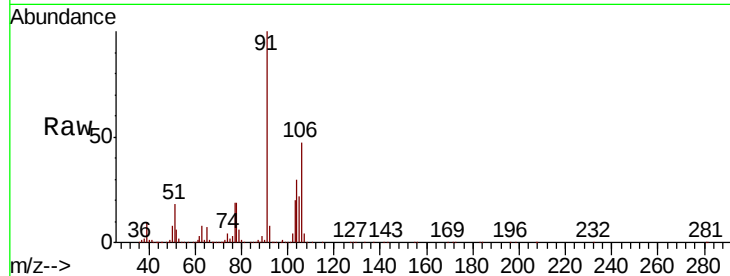
#69
o-Xylene
Concen: 48.982 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	211.8	107.9	323.8	

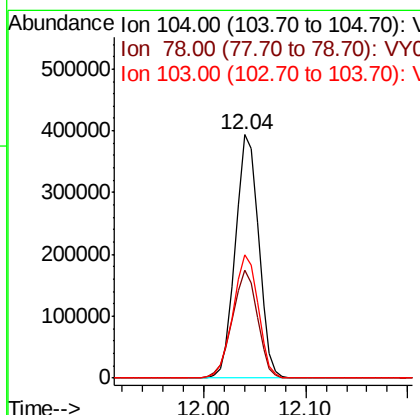
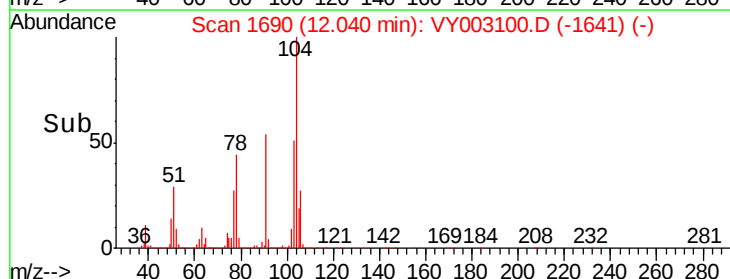
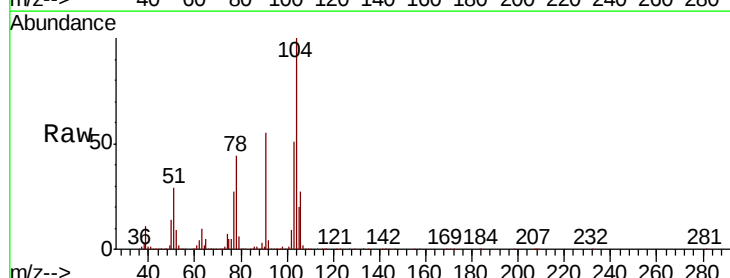
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#70
Styrene
Concen: 50.656 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	47.8	40.4	60.6	
103	54.9	44.1	66.1	





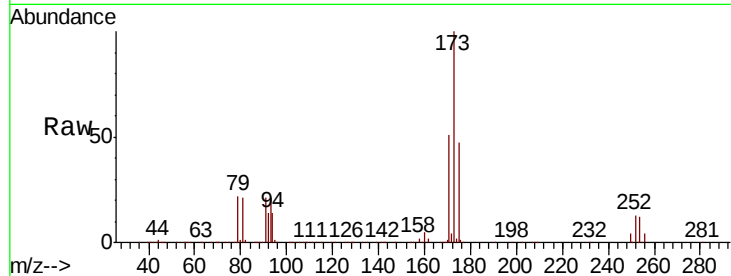
#71
Bromoform
Concen: 53.824 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.6
254	0.2	0.2	0.2

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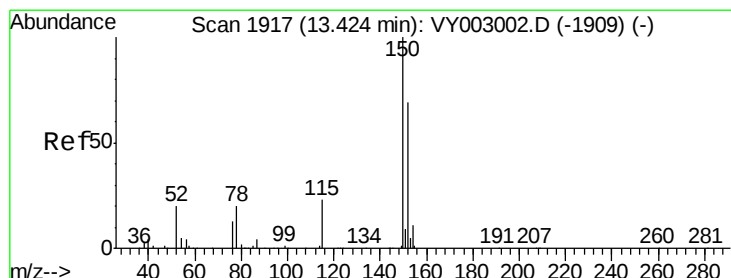
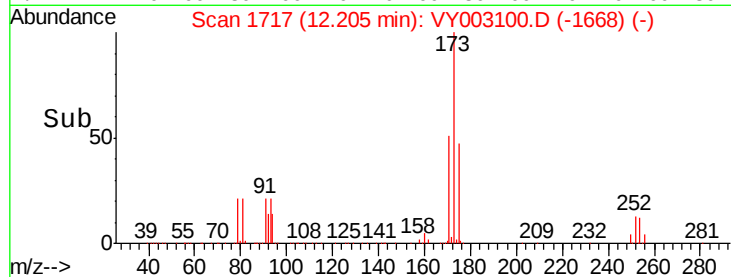
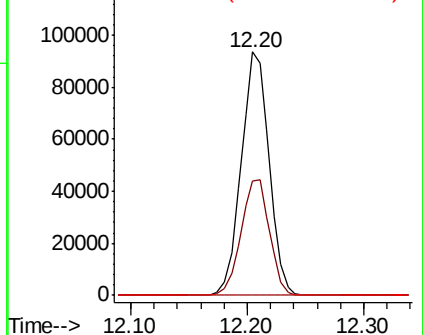


Abundance

Ion 172.70 (172.40 to 173.40): V

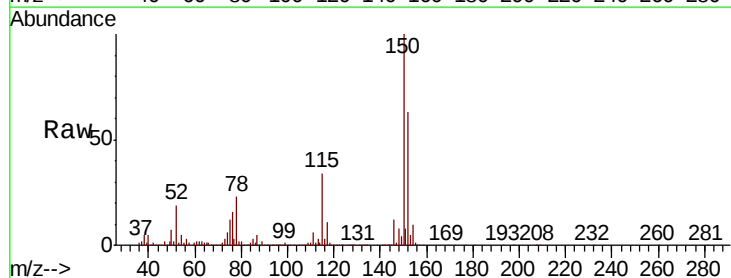
Ion 174.70 (174.40 to 175.40): V

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: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.3	81.9
150	170.7	0.0	343.4

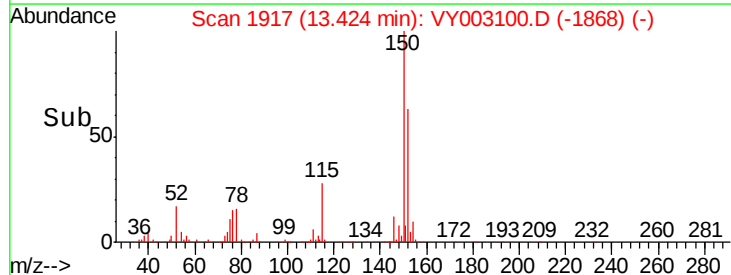
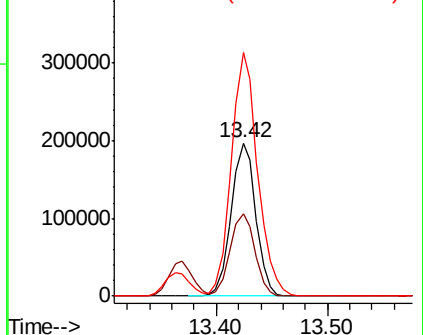


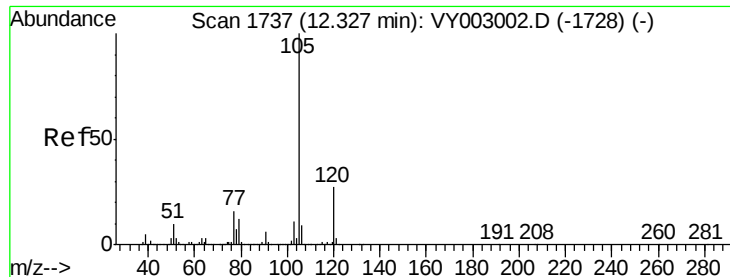
Abundance

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: 47.677 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 935210

Ion Ratio Lower Upper

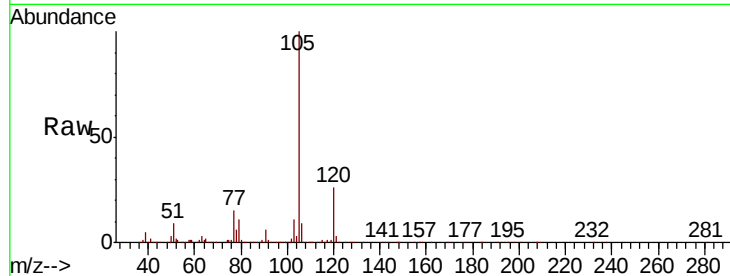
105 100

120 26.8 13.4 40.1

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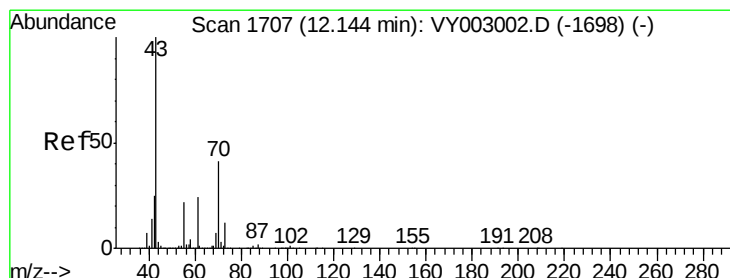
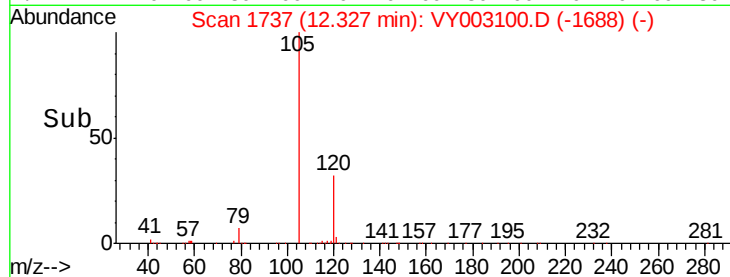
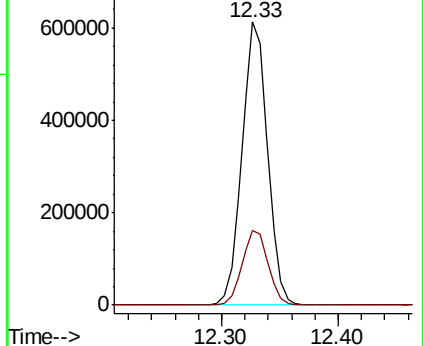
MMDadoda

7/6/2020 10:43:26 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.782 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Tgt Ion: 43 Resp: 311507

Ion Ratio Lower Upper

43 100

70 44.8 33.0 49.4

55 23.7 18.2 27.2

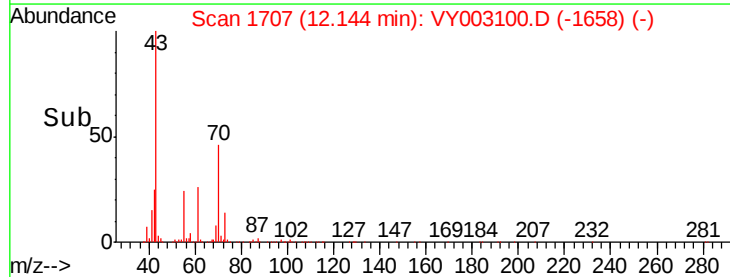
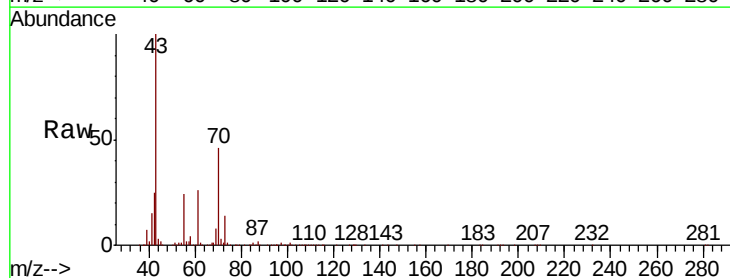
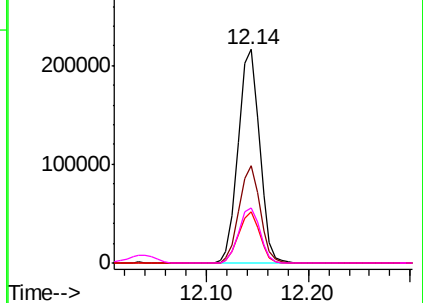
61 25.9 19.4 29.2

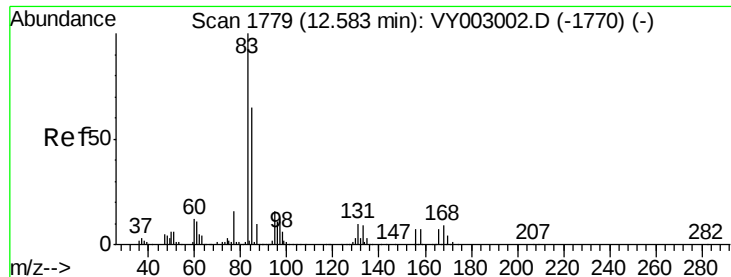
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 52.619 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

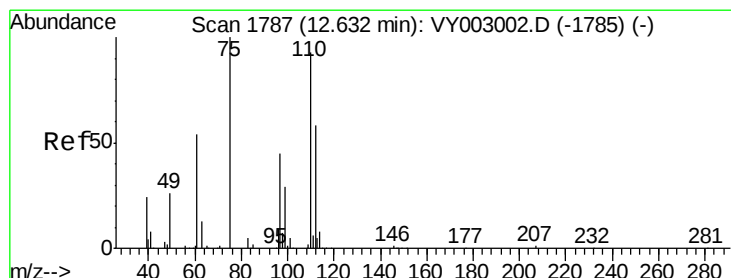
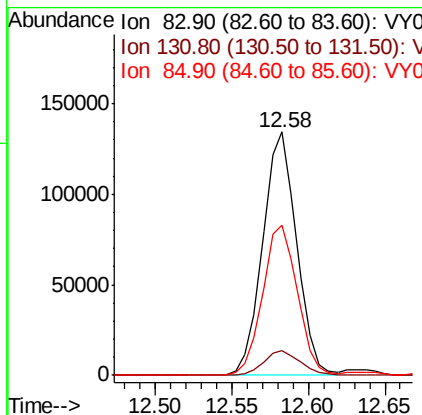
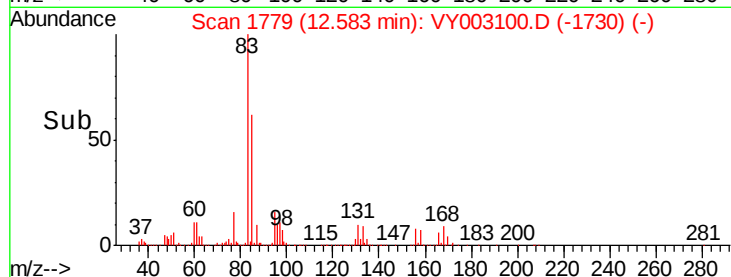
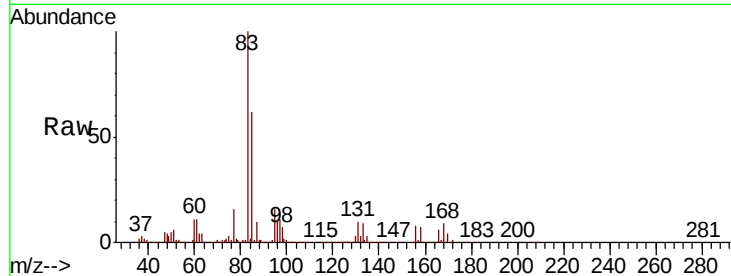
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	208290
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	63.5	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 52.563 ug/l m

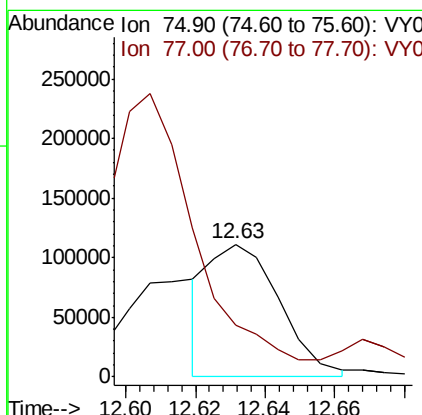
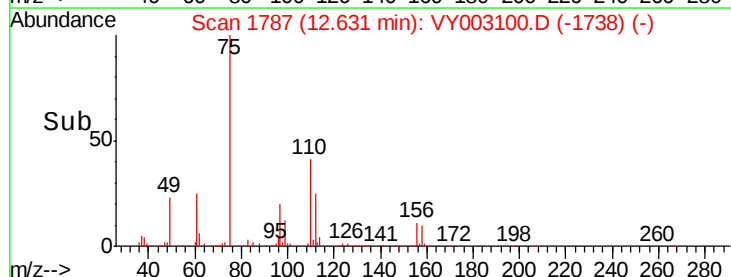
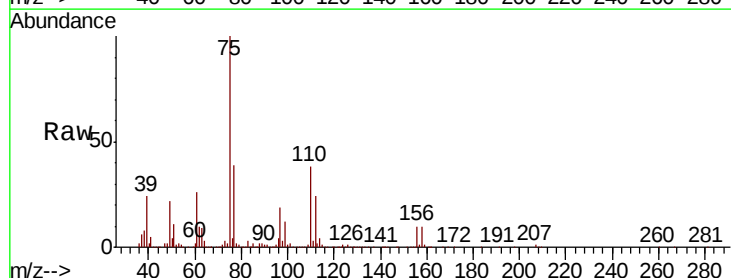
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Tgt Ion:	75	Resp:	155918
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





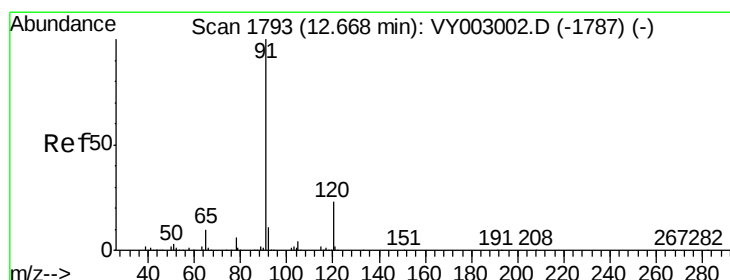
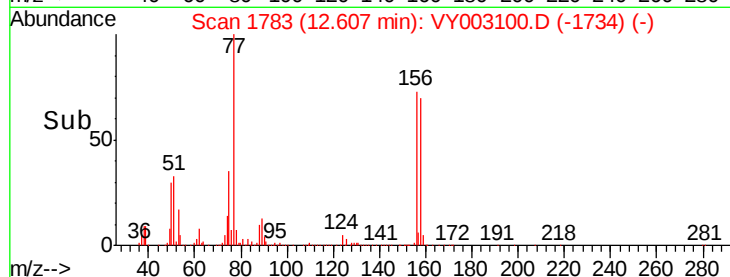
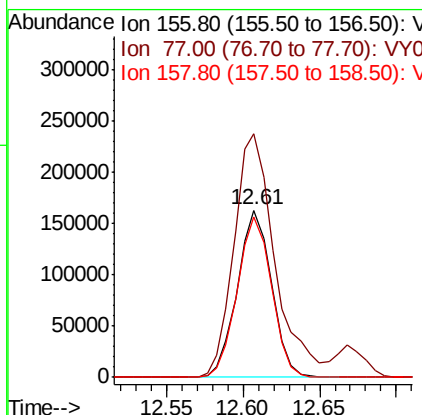
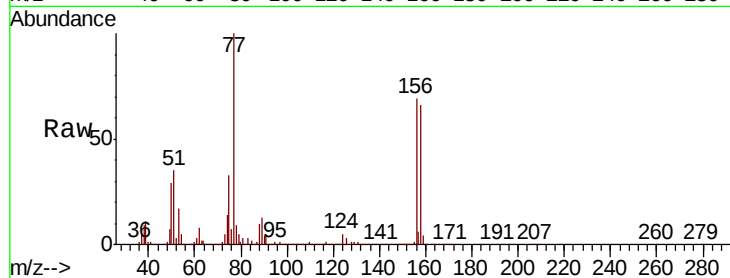
#77
Bromobenzene
Concen: 50.241 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	173.4	90.0	270.0
158	96.5	48.5	145.5

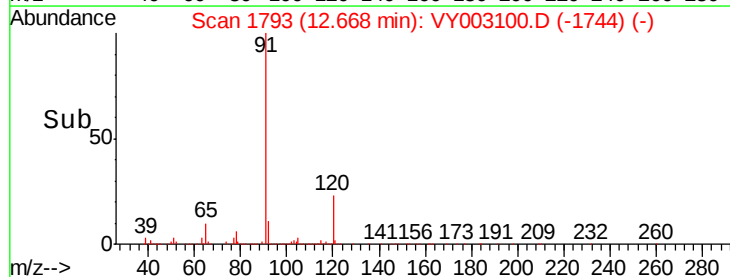
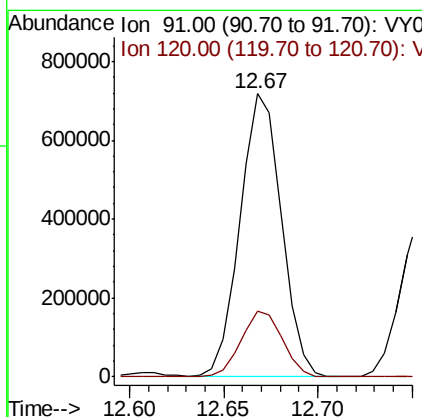
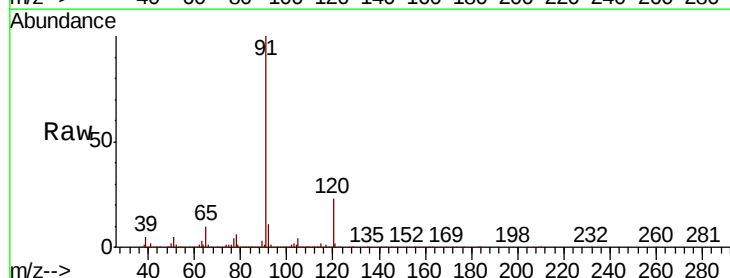
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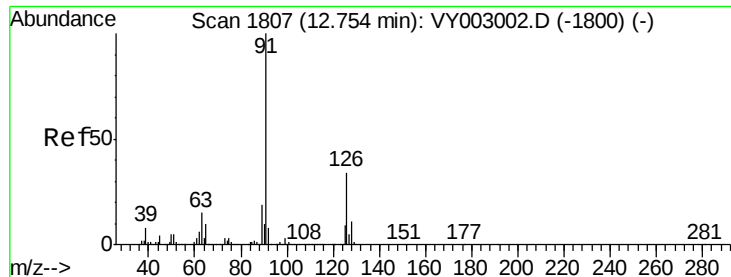
MMDadoda
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#78
n-propylbenzene
Concen: 46.328 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5





#79

2-Chlorotoluene

Concen: 47.820 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 629682

Ion Ratio Lower Upper

91 100

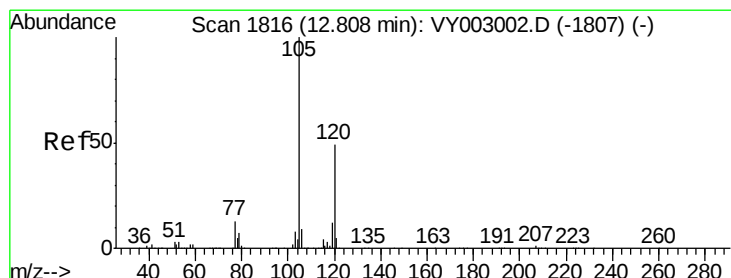
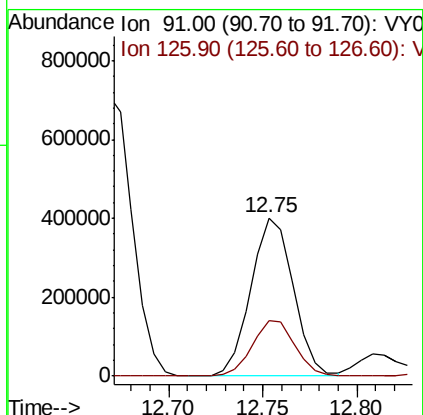
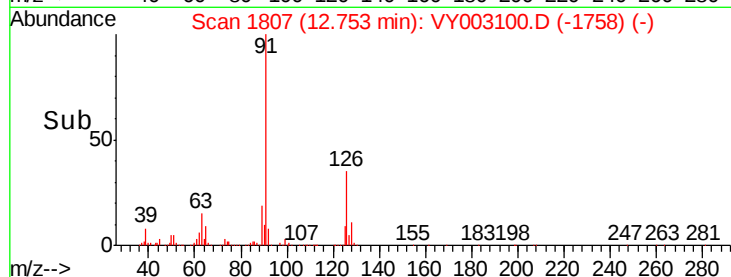
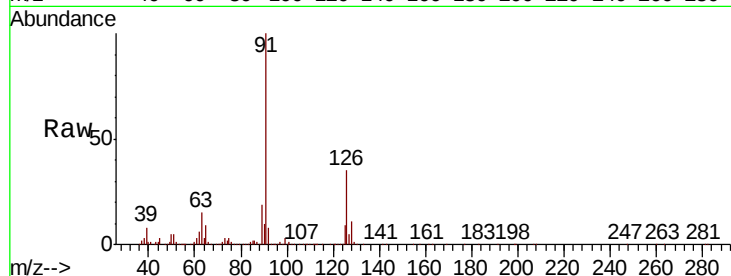
126 35.1 17.1 51.3

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#80

1,3,5-Trimethylbenzene

Concen: 47.364 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003100.D

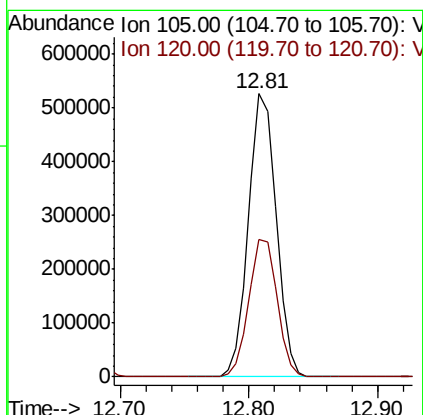
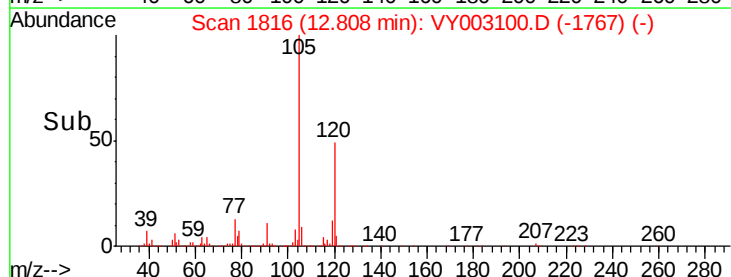
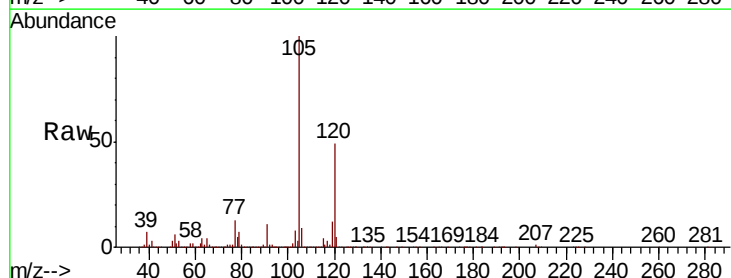
Acq: 02 Jul 2020 21:13

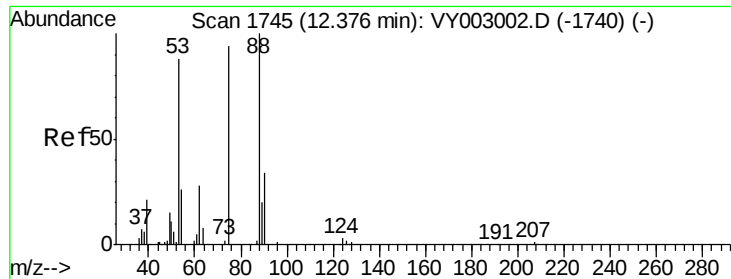
Tgt Ion: 105 Resp: 779614

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.6





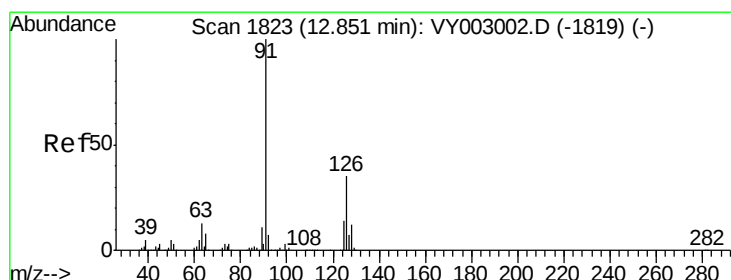
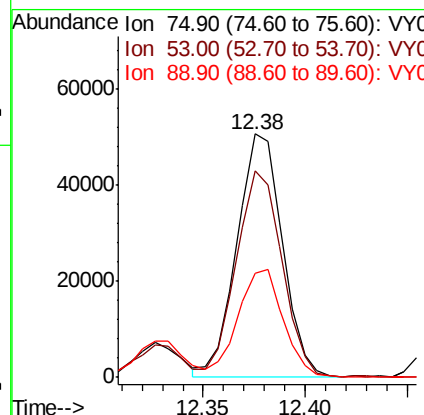
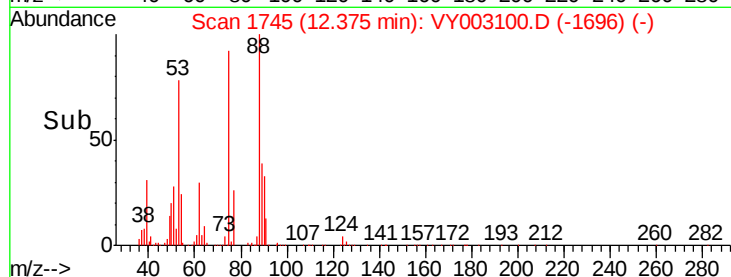
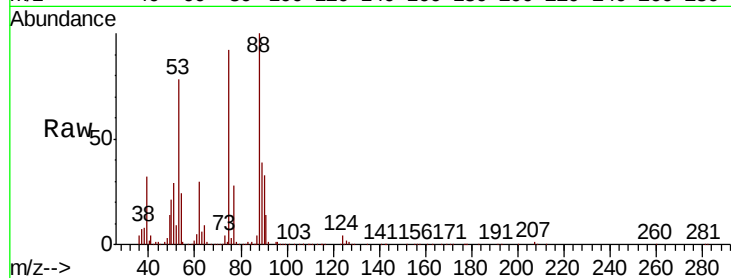
#81
trans-1,4-Dichloro-2-butene
Concen: 51.201 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.0	73.9	110.9
89	44.5	37.5	56.3

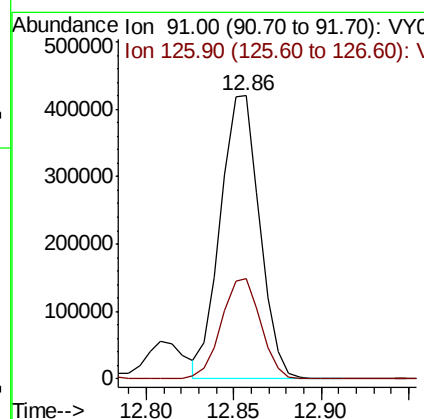
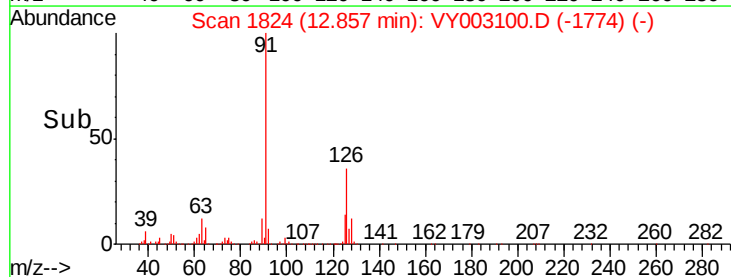
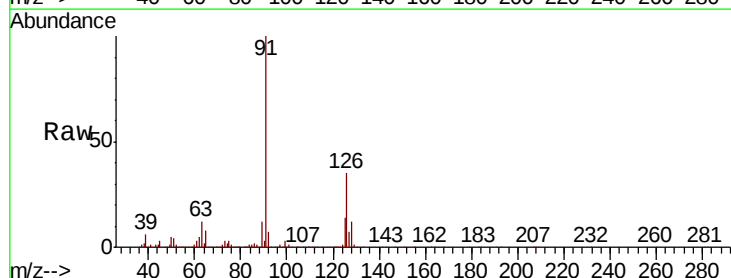
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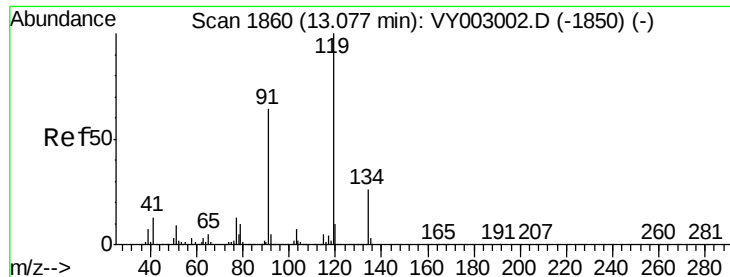
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#82
4-Chlorotoluene
Concen: 47.798 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.4	52.3





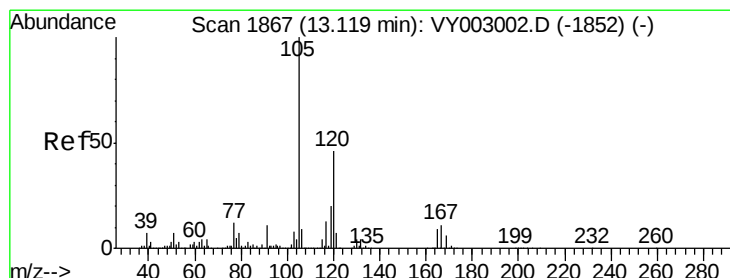
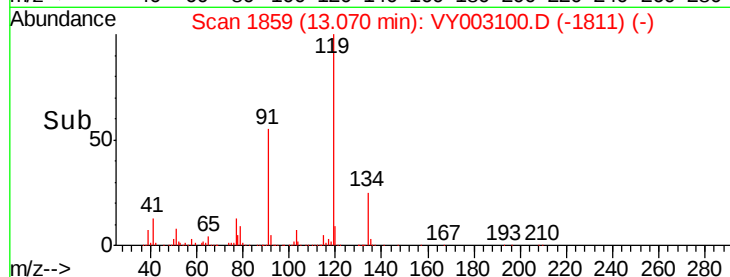
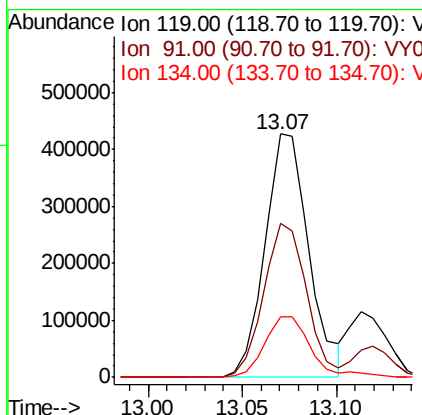
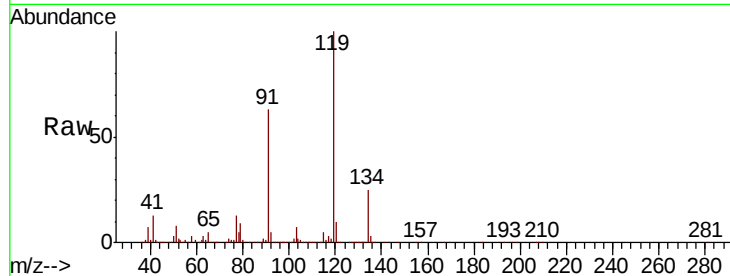
#83
tert-Butylbenzene
Concen: 47.803 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	690915		
91	61.6		31.6	95.0
134	26.5		13.2	39.5

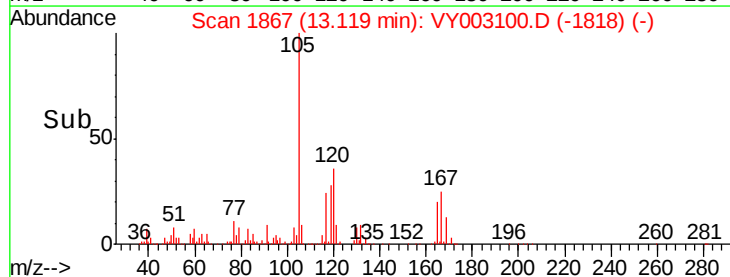
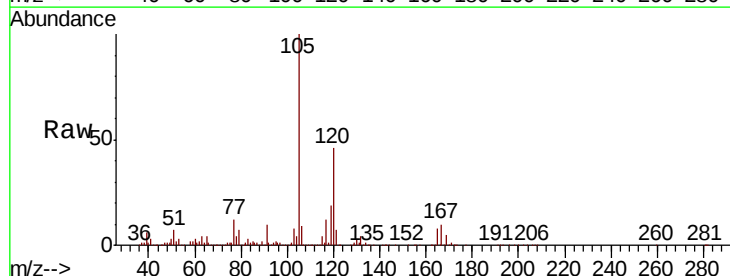
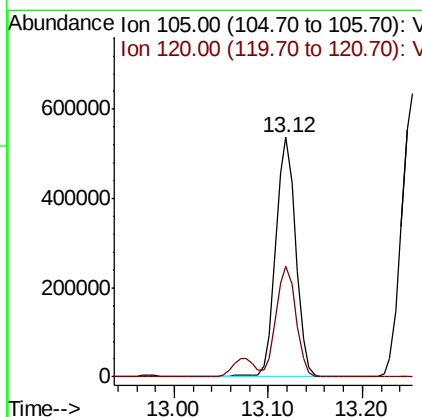
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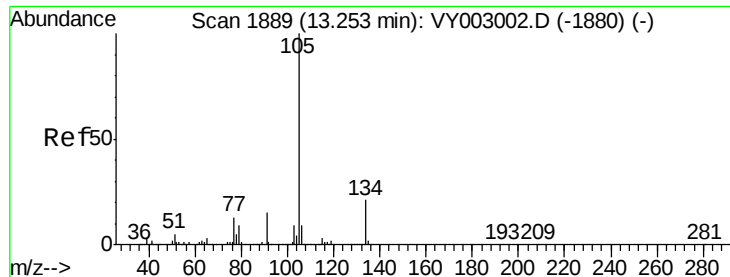
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#84
1,2,4-Trimethylbenzene
Concen: 47.868 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	793948		
120	45.6		22.6	67.8





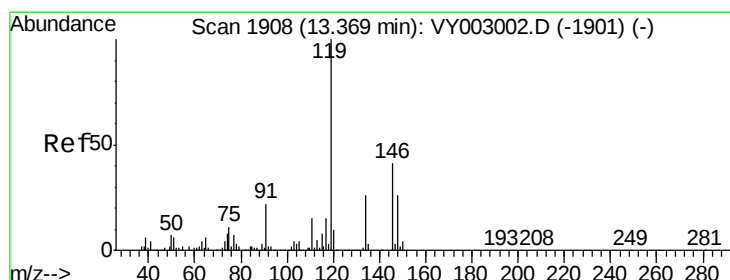
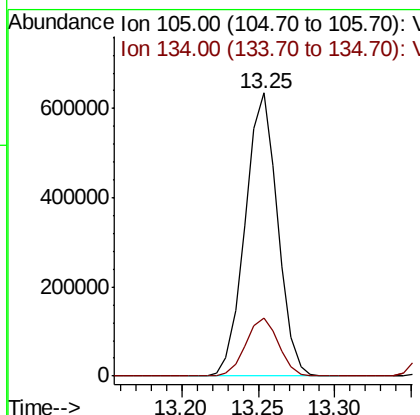
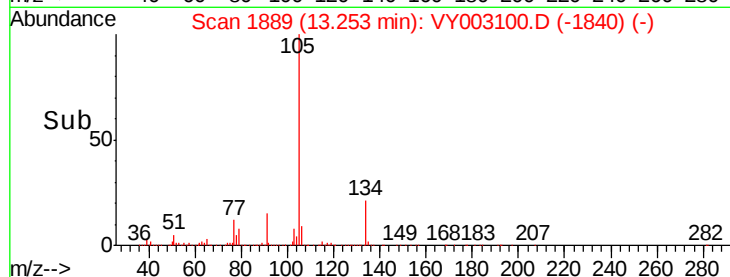
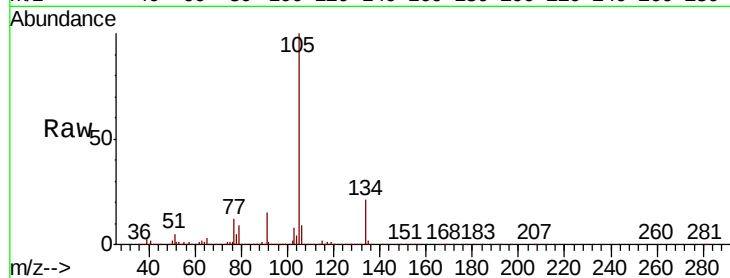
#85
 sec-Butylbenzene
 Concen: 46.769 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2

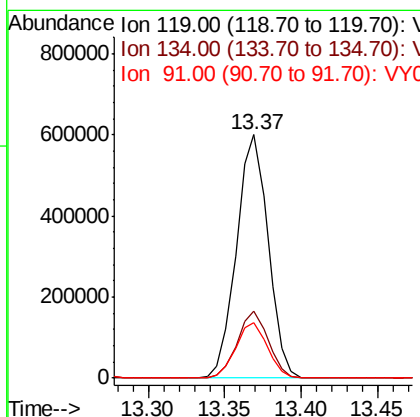
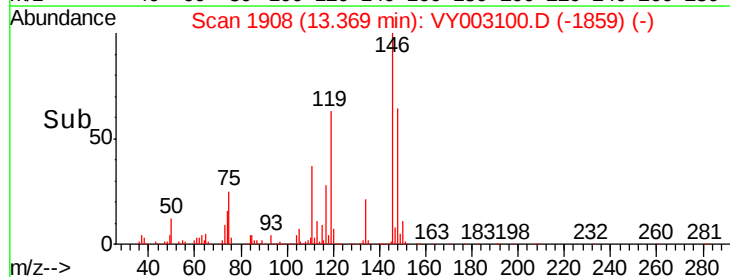
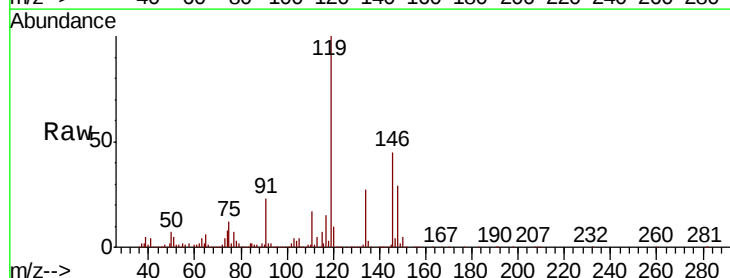
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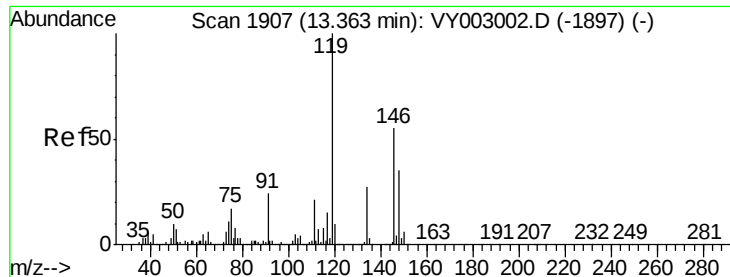
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#86
 p-Isopropyltoluene
 Concen: 46.653 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	22.8	11.5	34.5





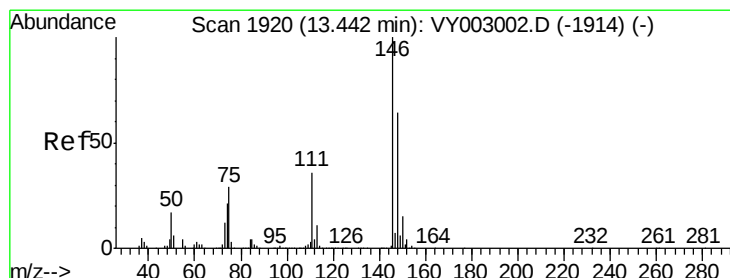
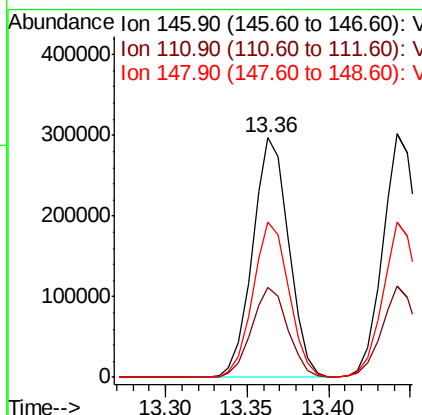
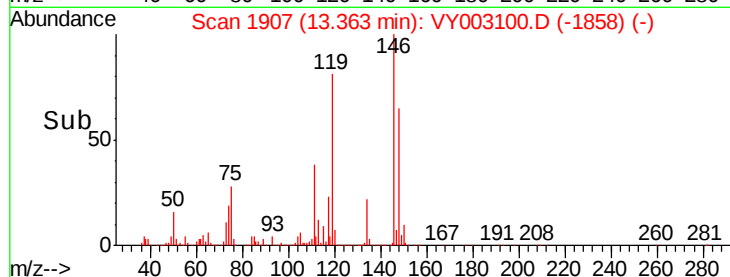
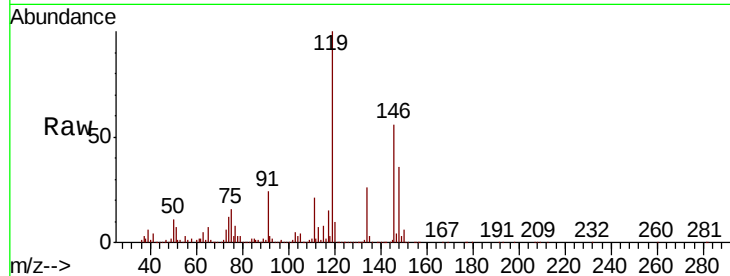
#87
 1,3-Dichlorobenzene
 Concen: 48.768 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.3
148	64.5	31.8	95.3

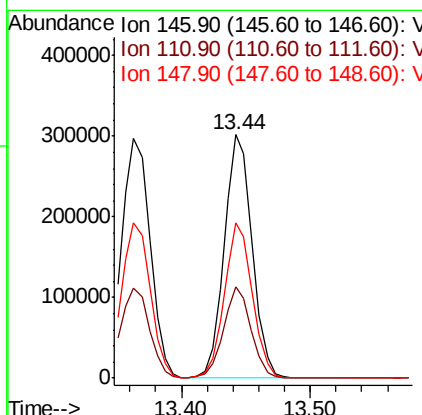
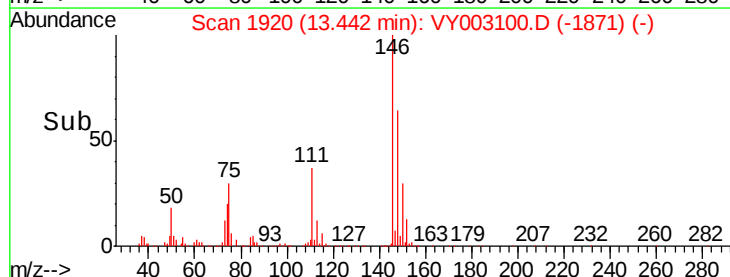
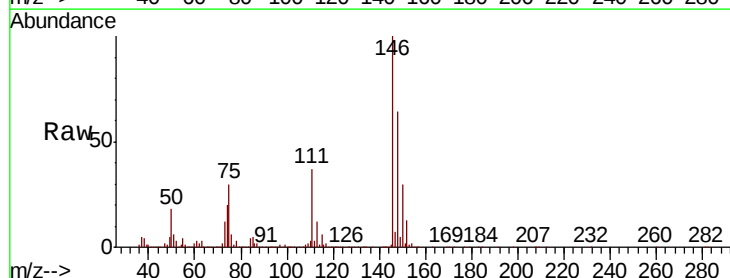
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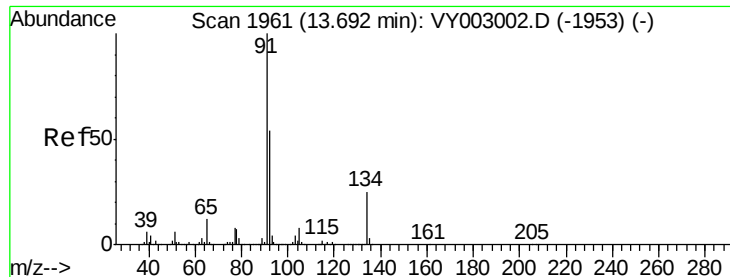
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#88
 1,4-Dichlorobenzene
 Concen: 49.449 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.4
148	63.7	32.3	96.9





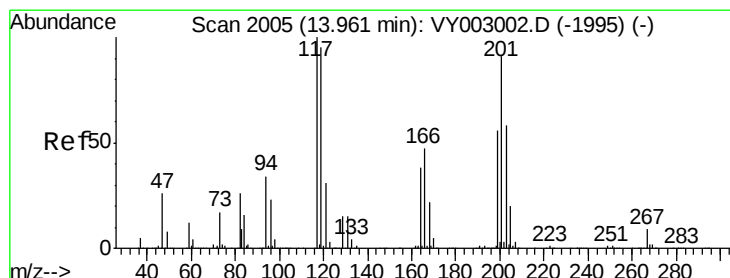
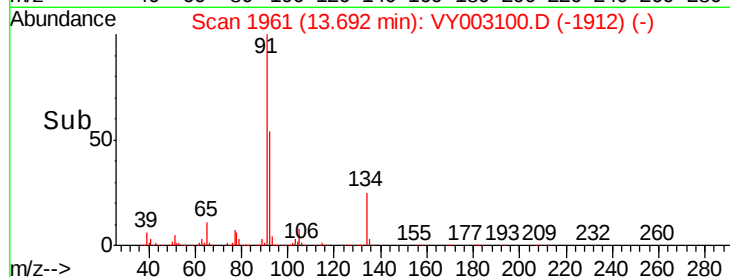
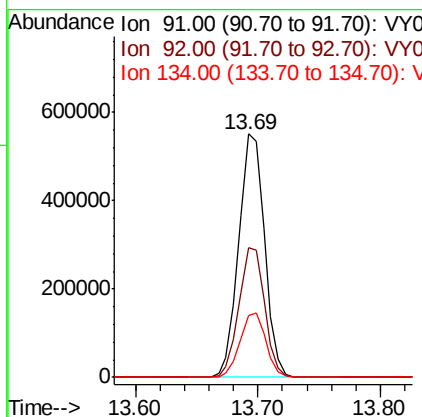
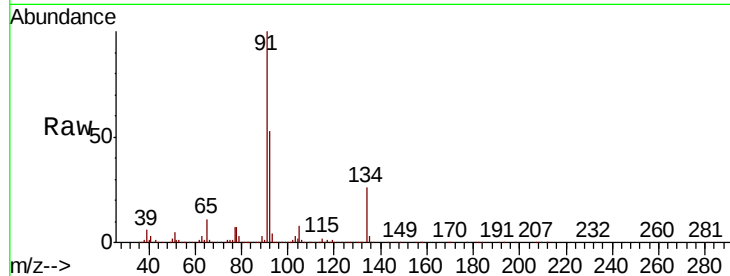
#89
n-Butylbenzene
Concen: 45.427 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.3
134	26.7	13.1	39.1

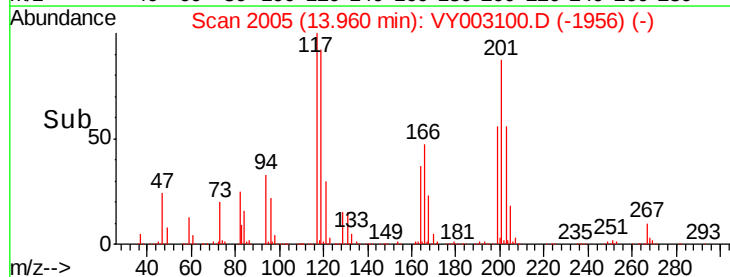
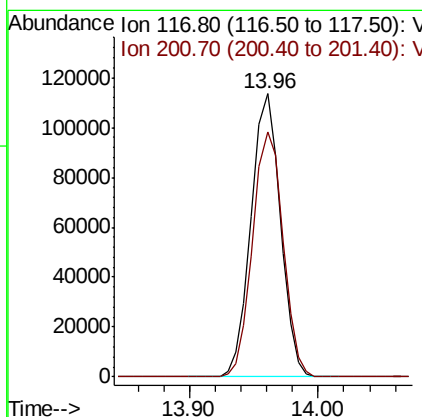
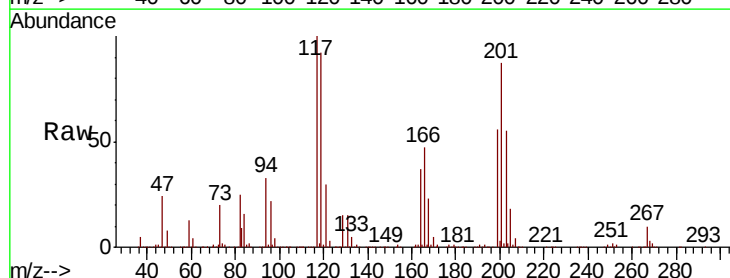
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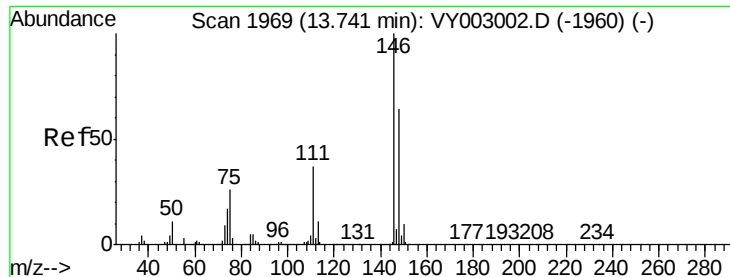
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#90
Hexachloroethane
Concen: 48.777 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 50.001 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Instrument :

MSVOA_Y

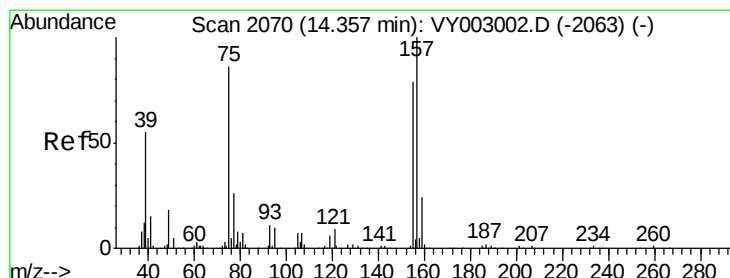
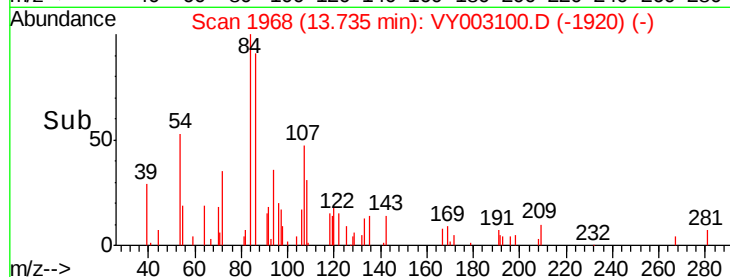
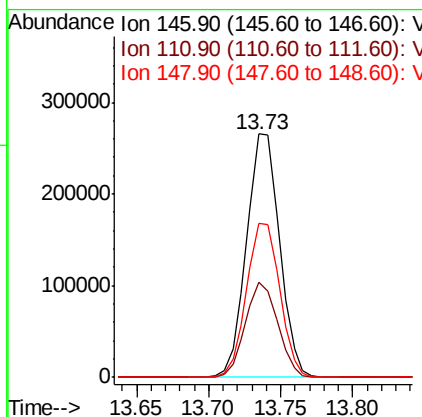
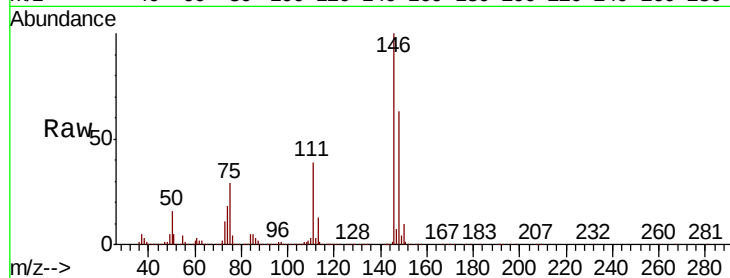
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	421237
Ion Ratio		Lower	Upper
146	100		
111	38.3	19.1	57.5
148	63.9	31.8	95.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.233 ug/l

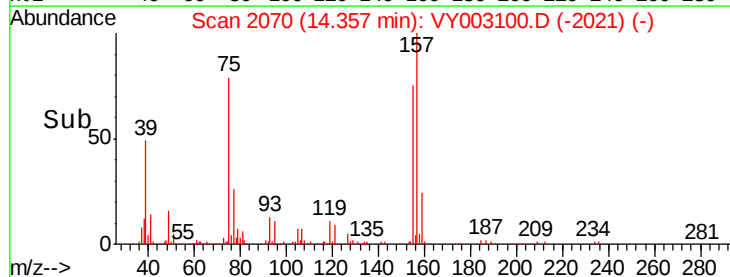
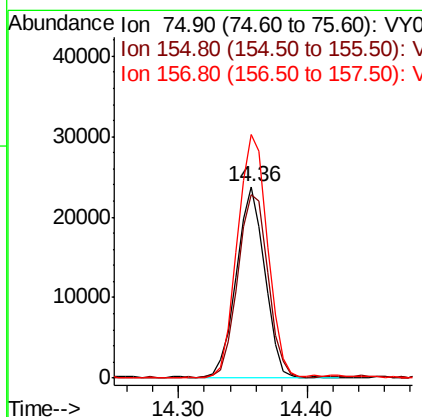
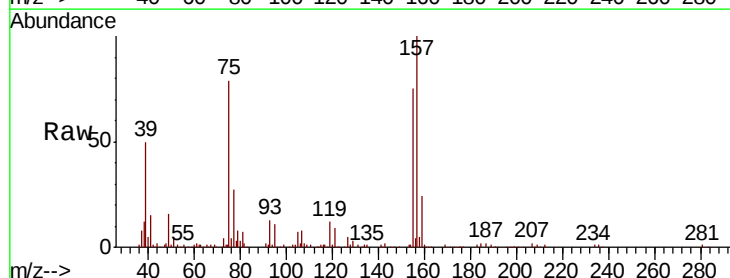
RT: 14.36 min Scan# 2070

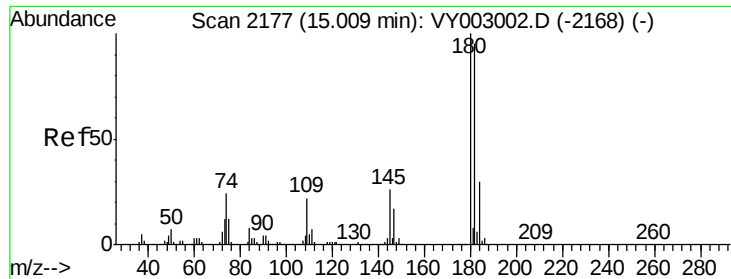
Delta R.T. -0.00 min

Lab File: VY003100.D

Acq: 02 Jul 2020 21:13

Tgt Ion:	75	Resp:	36602
Ion Ratio		Lower	Upper
75	100		
155	102.4	46.5	139.3
157	134.3	59.2	177.5





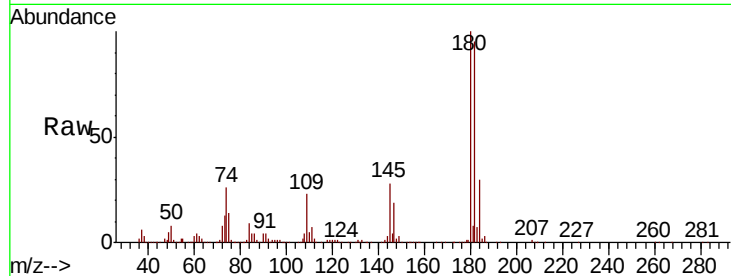
#93
 1,2,4-Trichlorobenzene
 Concen: 48.970 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	48.1	144.3	
145	28.1	13.9	41.6	

Manual Integrations
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 7/6/2020 10:43:26 AM

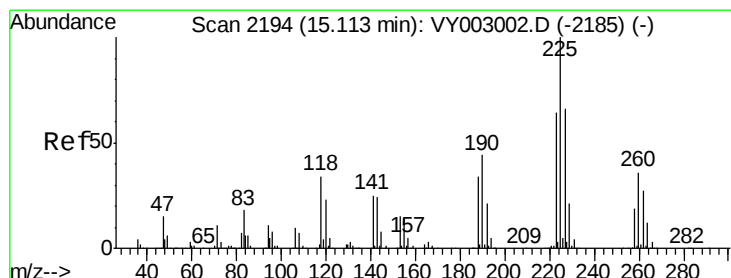
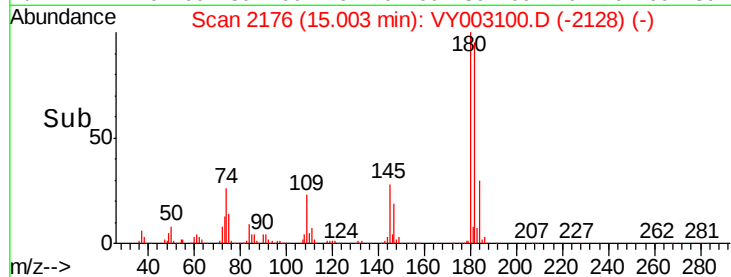
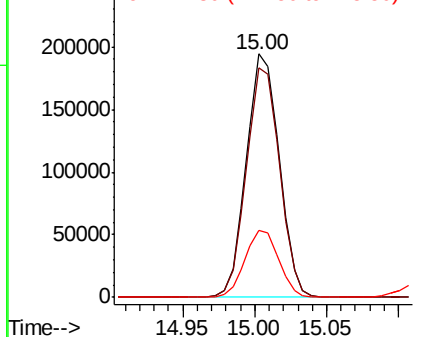


Abundance

Ion 179.80 (179.50 to 180.50): V

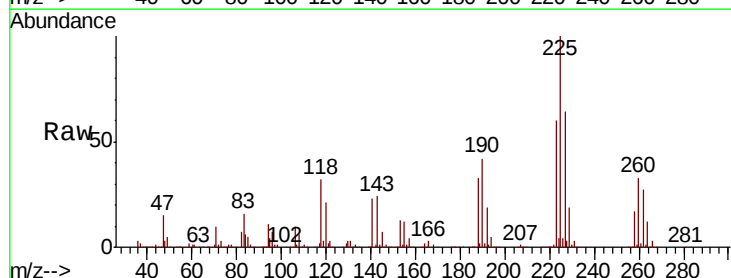
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 45.853 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003100.D
 Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	32.4	97.0	
227	64.1	32.4	97.2	

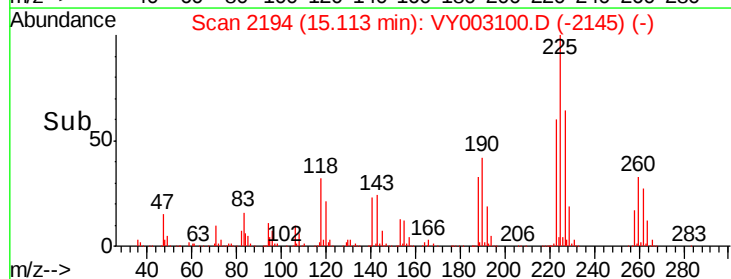
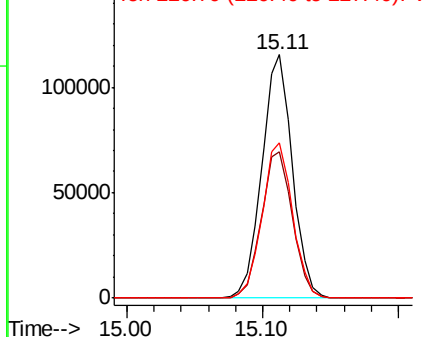


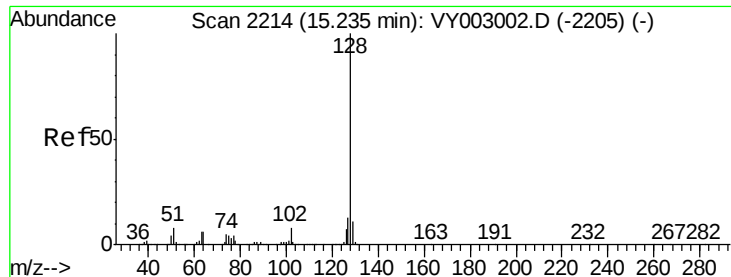
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





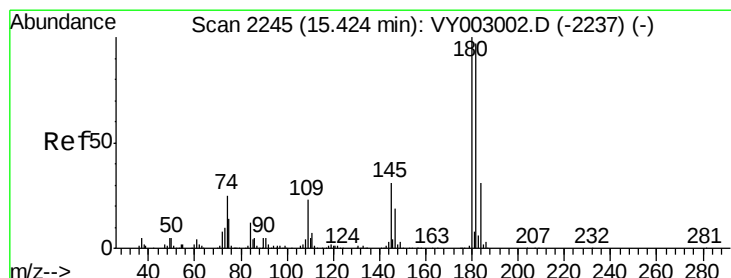
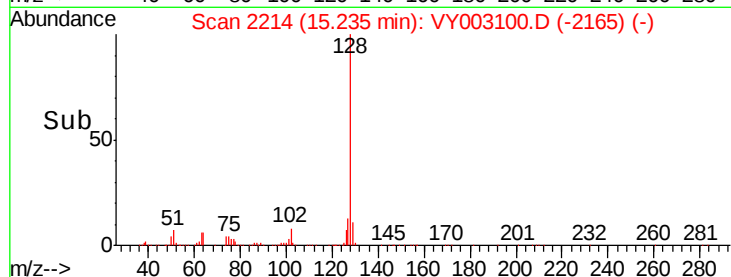
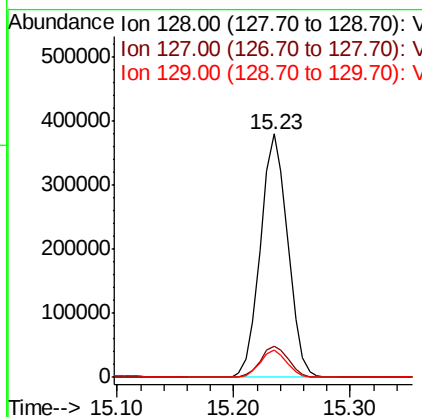
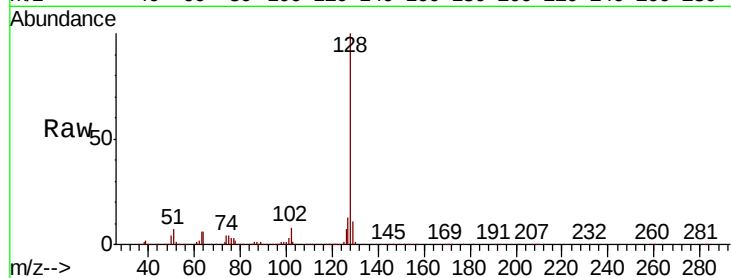
#95
Naphthalene
Concen: 53.888 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.734 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003100.D
Acq: 02 Jul 2020 21:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.3
145	29.3	14.7	44.1

