

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003251.D
 Acq On : 20 Jul 2020 22:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/21/2020 4:58:54 PM

Quant Time: Jul 21 05:50:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	322157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	507146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	474268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254509	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	160754	59.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.24%	
35) Dibromofluoromethane	7.72	113	145303	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.18	98	525724	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.48	95	199188	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	105342	45.622	ug/l	96
3) Chloromethane	2.12	50	169107	52.800	ug/l	99
4) Vinyl Chloride	2.26	62	167575	50.995	ug/l	99
5) Bromomethane	2.65	94	130115	53.308	ug/l	99
6) Chloroethane	2.80	64	110847	51.357	ug/l	99
7) Trichlorofluoromethane	3.13	101	229625	48.931	ug/l	99
8) Diethyl Ether	3.53	74	88917	56.543	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.91	101	140668	49.631	ug/l	97
10) Methyl Iodide	4.10	142	130432	42.358	ug/l	95
11) Tert butyl alcohol	4.96	59	89982	306.037	ug/l	97
12) 1,1-Dichloroethene	3.88	96	134458	50.156	ug/l	93
13) Acrolein	3.74	56	64659	253.362	ug/l	95
14) Allyl chloride	4.49	41	247761	62.285	ug/l	95
15) Acrylonitrile	5.18	53	248210	328.583	ug/l	99
16) Acetone	3.95	43	195805	322.382	ug/l	100
17) Carbon Disulfide	4.20	76	415754	50.541	ug/l	99
18) Methyl Acetate	4.49	43	124951	74.078	ug/l	93
19) Methyl tert-butyl Ether	5.23	73	451716	60.128	ug/l	96
20) Methylene Chloride	4.72	84	188625	63.172	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	161019	53.105	ug/l	90
22) Diisopropyl ether	6.13	45	567250	64.254	ug/l	97
23) Vinyl Acetate	6.07	43	1916618	325.720	ug/l	96
24) 1,1-Dichloroethane	6.02	63	298290	58.321	ug/l	99
25) 2-Butanone	6.99	43	337286	338.218	ug/l	100
26) 2,2-Dichloropropane	6.99	77	237051	51.464	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	186305	55.807	ug/l	98
28) Bromochloromethane	7.34	49	137186	61.952	ug/l	90
29) Tetrahydrofuran	7.35	42	229005	341.833	ug/l	93
30) Chloroform	7.52	83	302849	57.491	ug/l	99
31) Cyclohexane	7.79	56	250325	50.614	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	255193	53.812	ug/l	99
36) 1,1-Dichloropropene	7.93	75	221838	48.263	ug/l	99
37) Ethyl Acetate	7.08	43	155310	62.744	ug/l	96
38) Carbon Tetrachloride	7.91	117	231009	48.683	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	266228	46.107	ug/l	95
40) Benzene	8.16	78	652979	51.594	ug/l	98
41) Methacrylonitrile	7.32	41	66277m	44.457	ug/l	
42) 1,2-Dichloroethane	8.24	62	213553	54.809	ug/l	99
43) Isopropyl Acetate	8.28	43	289693	60.462	ug/l	97
44) Trichloroethene	8.94	130	182089	46.933	ug/l	97
45) 1,2-Dichloropropane	9.22	63	179635	54.853	ug/l	97
46) Dibromomethane	9.31	93	102492	53.585	ug/l	97
47) Bromodichloromethane	9.50	83	245403	53.945	ug/l	100
48) Methyl methacrylate	9.30	41	131490	61.387	ug/l	95
49) 1,4-Dioxane	9.30	88	25970	1069.803	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	776987	311.997	ug/l	97
52) Toluene	10.24	92	410346	50.727	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	255668	54.245	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	290558	53.504	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	146940	54.214	ug/l	99
56) Ethyl methacrylate	10.51	69	212386	57.637	ug/l	94
57) 1,3-Dichloropropane	10.79	76	256748	55.868	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	531580	282.863	ug/l	96
59) 2-Hexanone	10.83	43	546403	314.303	ug/l	96
60) Dibromochloromethane	10.99	129	182446	53.519	ug/l	99
61) 1,2-Dibromoethane	11.09	107	140630	52.571	ug/l	99
64) Tetrachloroethene	10.72	164	187389	44.313	ug/l	98
65) Chlorobenzene	11.52	112	456799	49.997	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	184266	51.927	ug/l	99
67) Ethyl Benzene	11.59	91	826959	50.693	ug/l	97
68) m/p-Xylenes	11.70	106	609016	98.392	ug/l	96
69) o-Xylene	12.03	106	293125	50.691	ug/l	97
70) Styrene	12.04	104	514198	51.981	ug/l	98
71) Bromoform	12.20	173	123853	53.178	ug/l	100
73) Isopropylbenzene	12.33	105	792770	48.879	ug/l	99
74) N-amyl acetate	12.14	43	272299	59.835	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	177192	56.566	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	124469m	55.250	ug/l	
77) Bromobenzene	12.61	156	209309	50.628	ug/l	97
78) n-propylbenzene	12.67	91	948725	49.624	ug/l	99
79) 2-Chlorotoluene	12.75	91	539320	50.561	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	674813	49.920	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	63046	54.464	ug/l	96
82) 4-Chlorotoluene	12.85	91	566576	50.889	ug/l	99
83) tert-Butylbenzene	13.07	119	580070	48.632	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	696553	51.213	ug/l	99
85) sec-Butylbenzene	13.25	105	806975	49.224	ug/l	100
86) p-Isopropyltoluene	13.37	119	759272	49.603	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	394423	50.450	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	385989	49.867	ug/l	99
89) n-Butylbenzene	13.69	91	705825	49.022	ug/l	99
90) Hexachloroethane	13.96	117	147285	52.836	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	352628	51.396	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27958	55.052	ug/l	96

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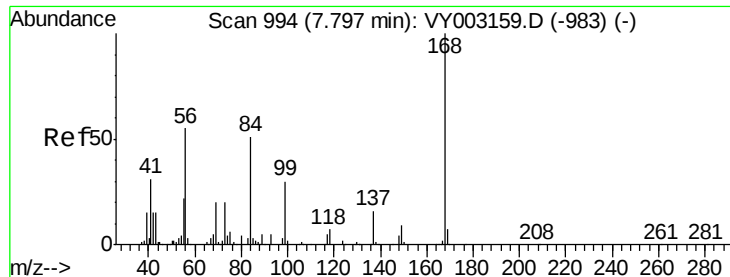
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	244457	50.084	ug/l	99
94) Hexachlorobutadiene	15.11	225	160416	47.965	ug/l	100
95) Naphthalene	15.23	128	433677	53.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	197901	51.292	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 322157

Ion Ratio Lower Upper

168 100

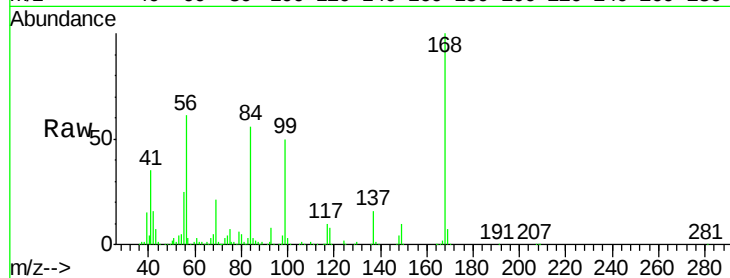
99 49.7 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003251.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003251.D (-945) (-)

7.80

150000

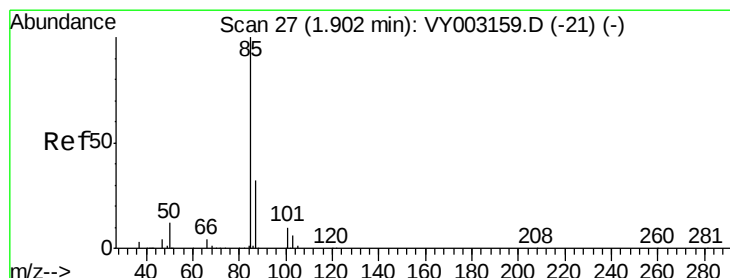
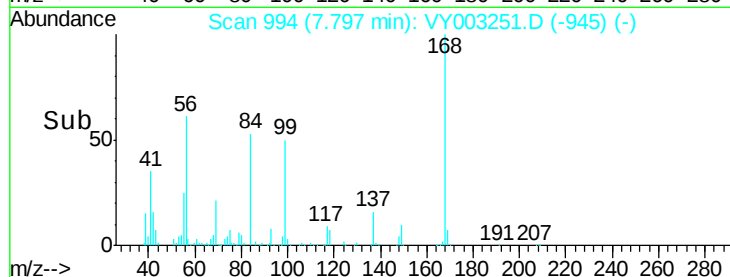
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.622 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003251.D

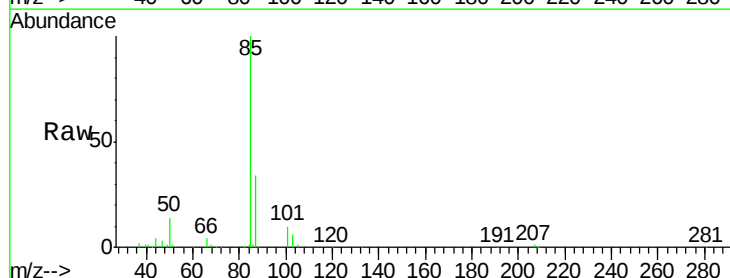
Acq: 20 Jul 2020 22:43

Tgt Ion: 85 Resp: 105342

Ion Ratio Lower Upper

85 100

87 34.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003251.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003251.D (-1) (-)

1.90

80000

60000

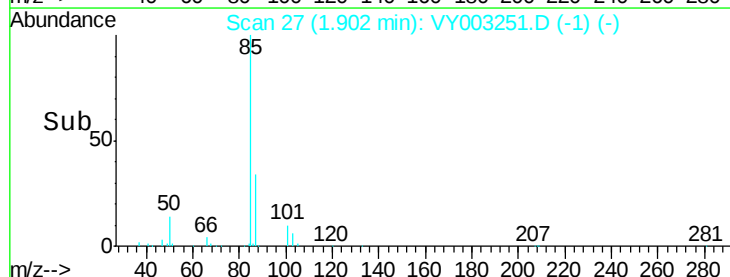
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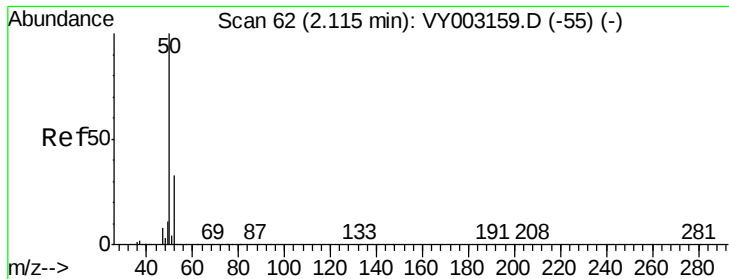
20000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 52.800 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 169107

Ion Ratio Lower Upper

50 100

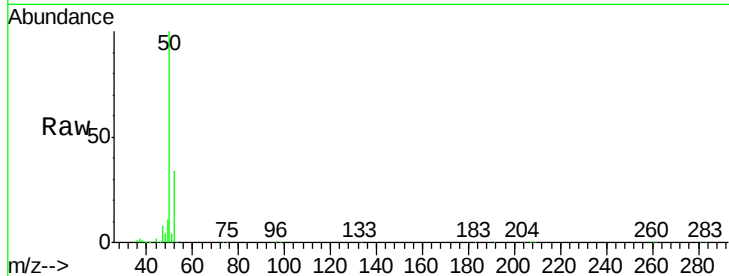
52 33.6 26.6 39.8

Manual Integrations

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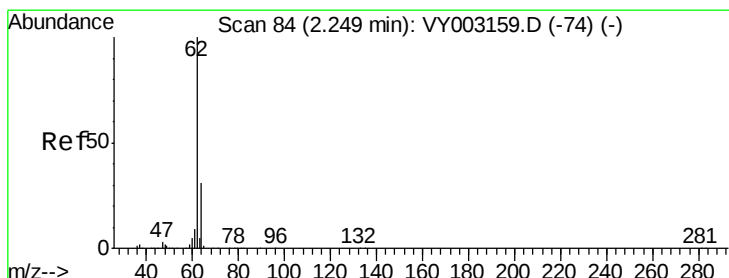
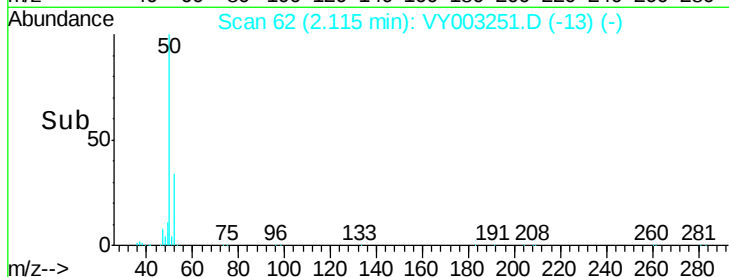
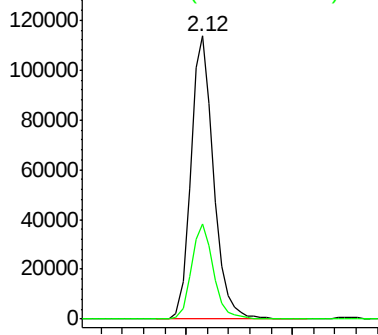
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.995 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003251.D

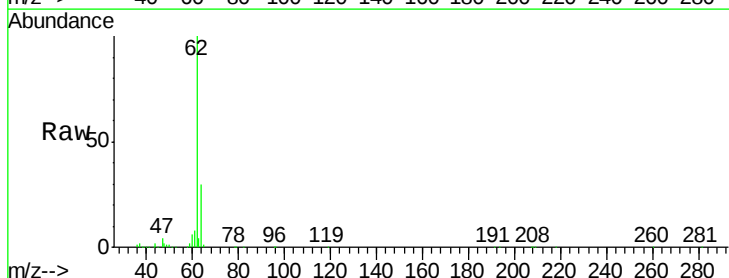
Acq: 20 Jul 2020 22:43

Tgt Ion: 62 Resp: 167575

Ion Ratio Lower Upper

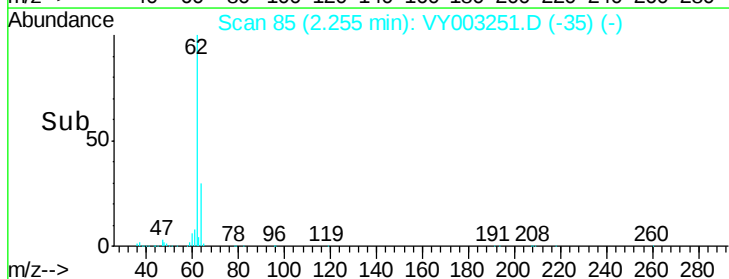
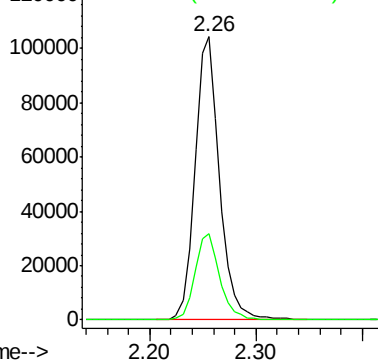
62 100

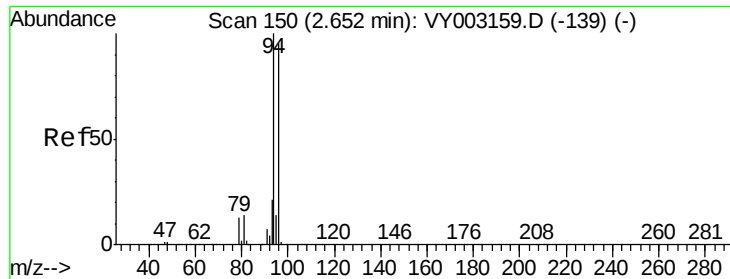
64 30.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 53.308 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 130115

Ion Ratio Lower Upper

94 100

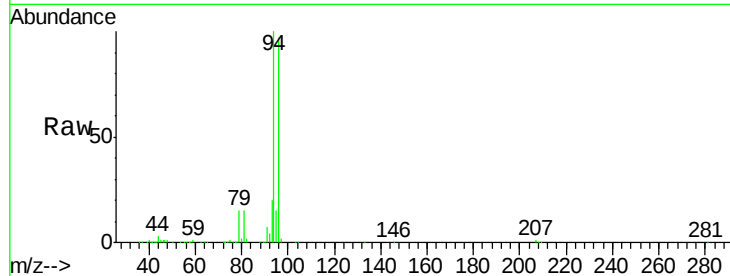
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Manual Integrations

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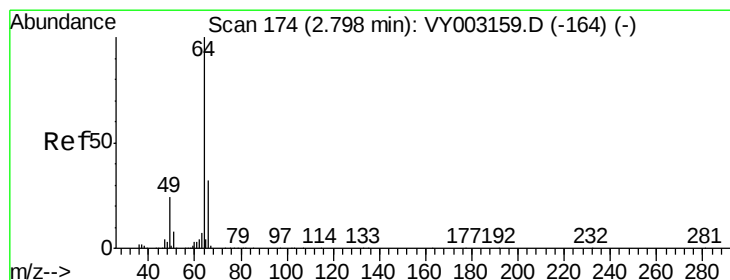
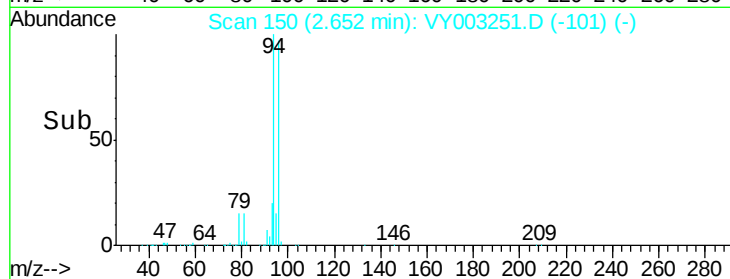
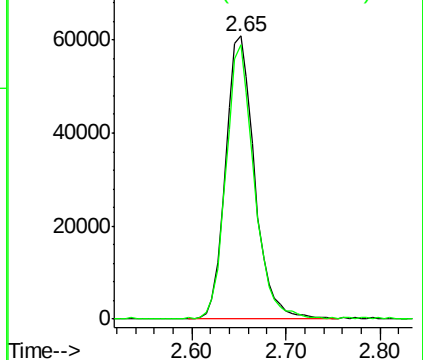
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.357 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003251.D

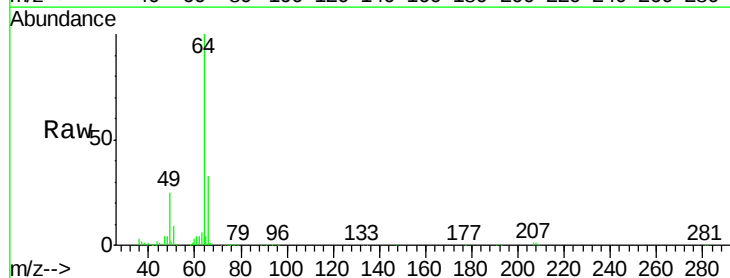
Acq: 20 Jul 2020 22:43

Tgt Ion: 64 Resp: 110847

Ion Ratio Lower Upper

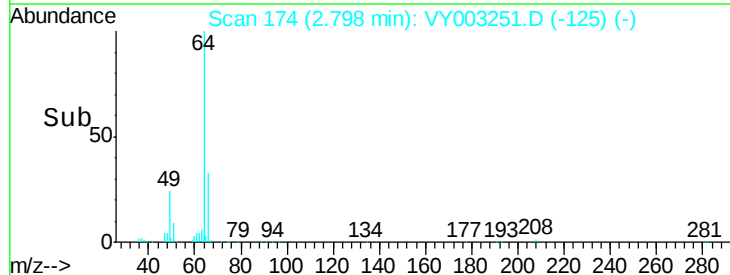
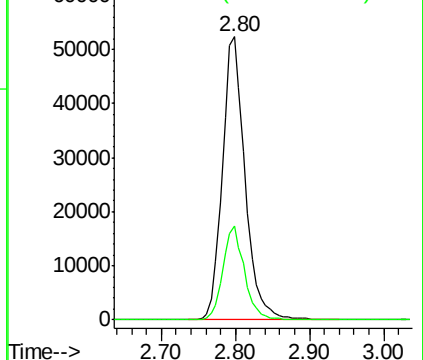
64 100

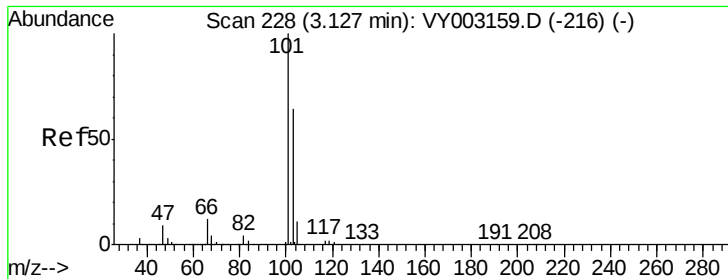
66 33.2 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

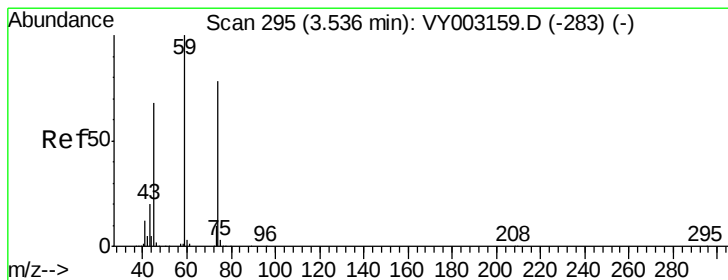
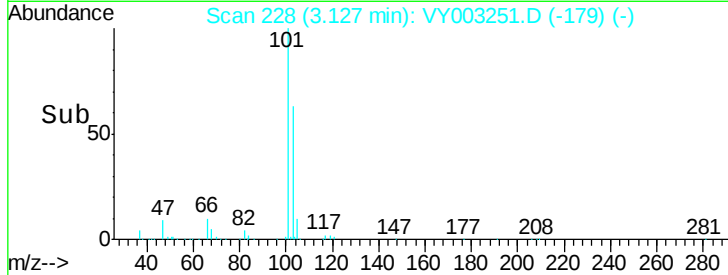
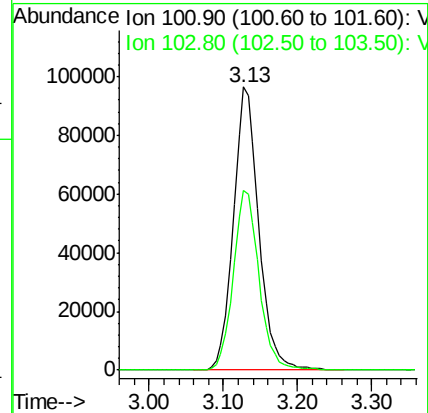
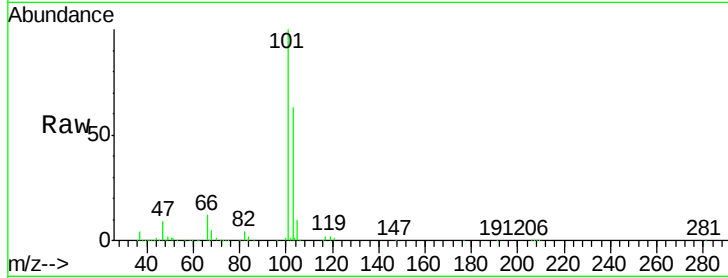
Trichlorofluoromethane
 Concen: 48.931 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.3	76.9

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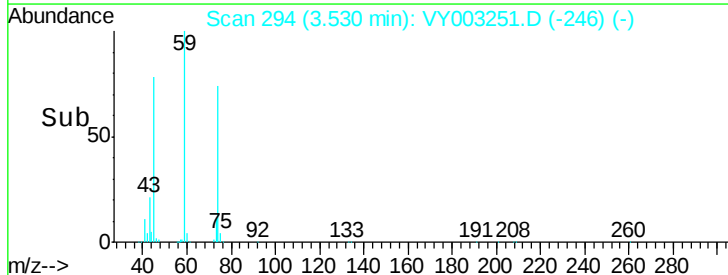
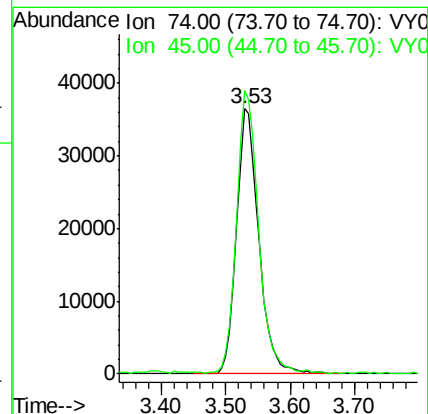
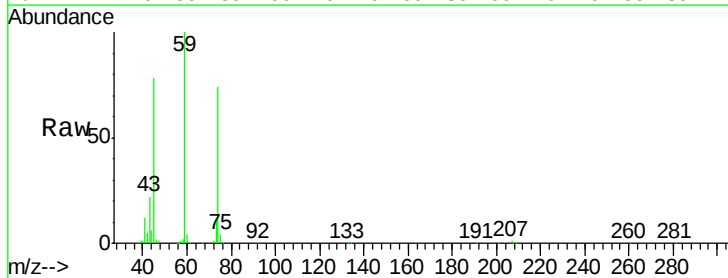
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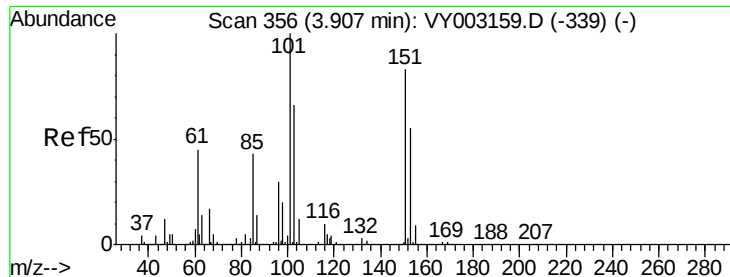


#8

Diethyl Ether
 Concen: 56.543 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.5	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.631 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

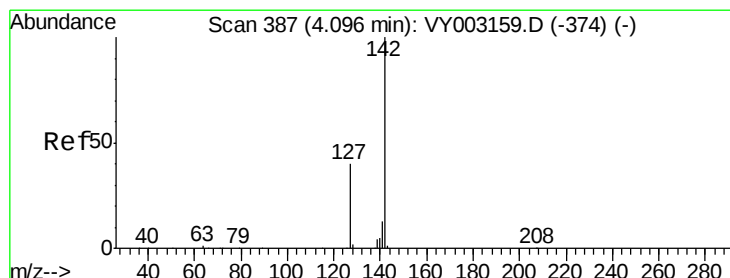
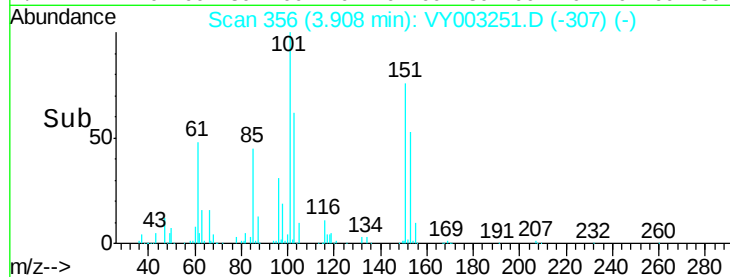
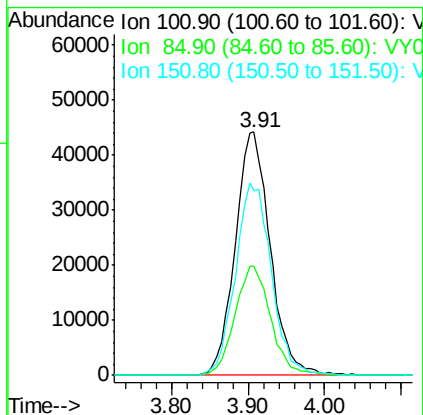
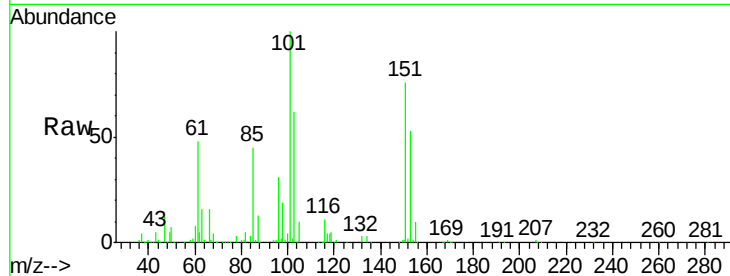
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	140668
Ion Ratio	Lower	Upper	
101	100		
85	45.6	34.9	52.3
151	81.0	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 42.358 ug/l

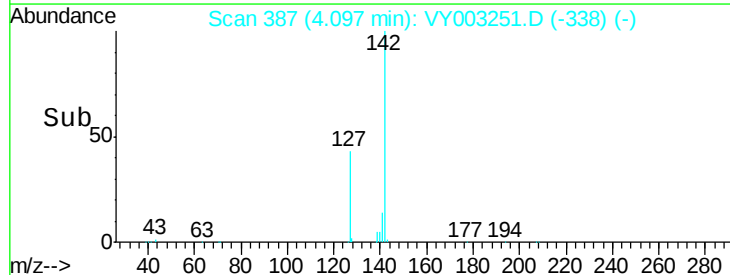
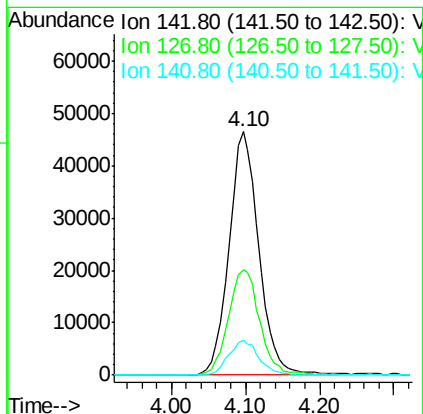
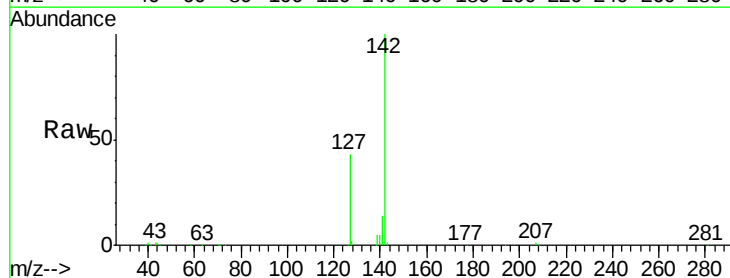
RT: 4.10 min Scan# 387

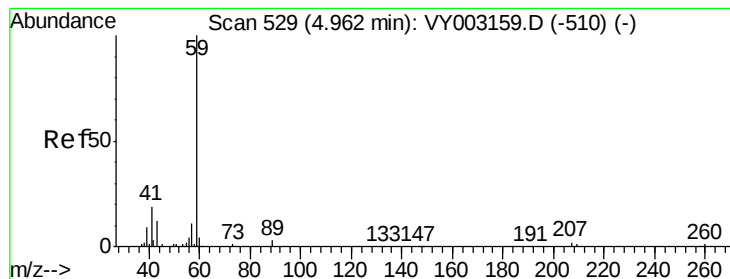
Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion:	142	Resp:	130432
Ion Ratio	Lower	Upper	
142	100		
127	45.6	33.5	50.3
141	14.6	11.2	16.8





#11

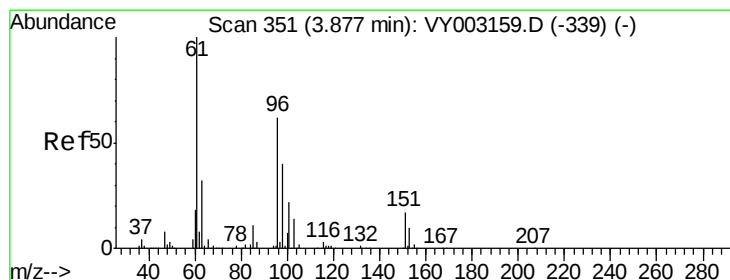
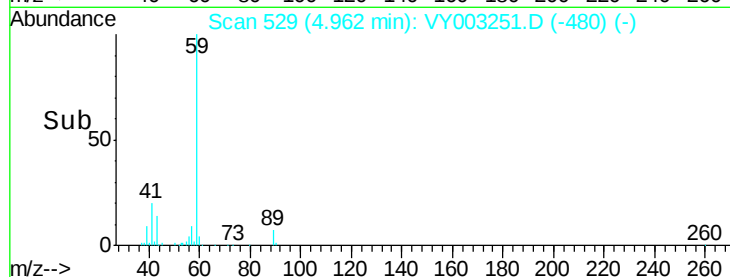
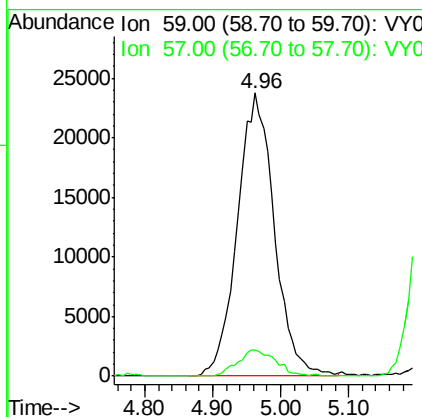
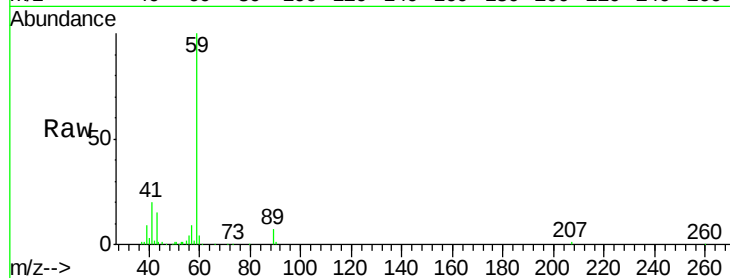
Tert butyl alcohol
 Concen: 306.037 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.4	12.6

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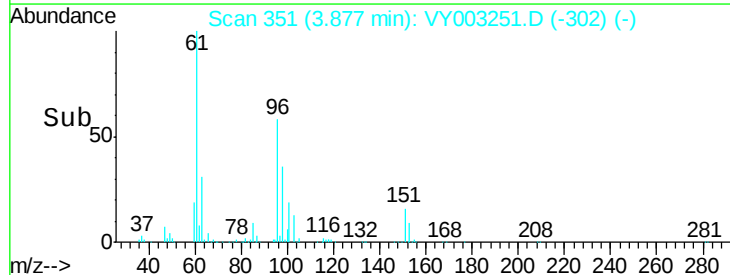
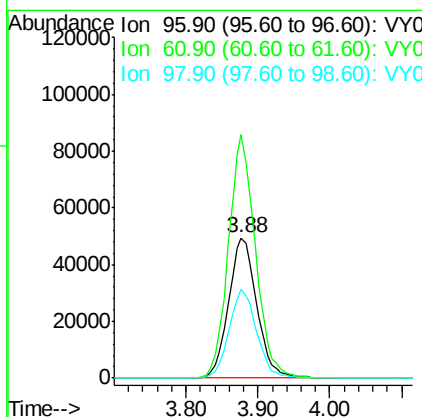
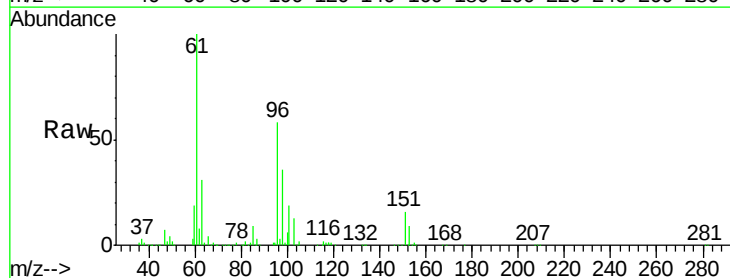
MMDadoda
 7/21/2020 4:58:54 PM

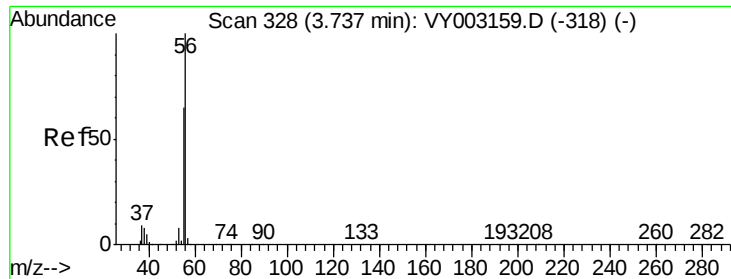


#12

1,1-Dichloroethene
 Concen: 50.156 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.4	128.6	193.0
98	62.8	51.6	77.4





#13

Acrolein

Concen: 253.362 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 64659

Ion Ratio Lower Upper

56 100

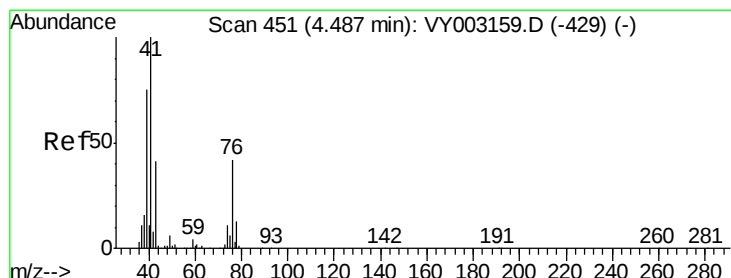
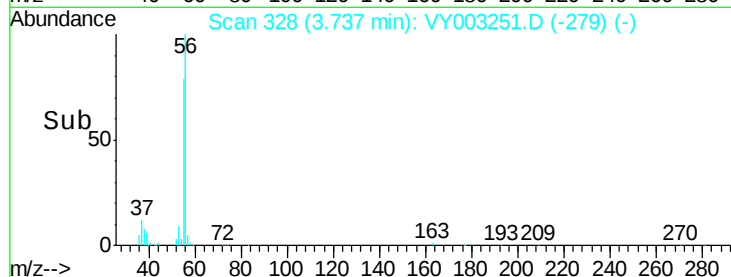
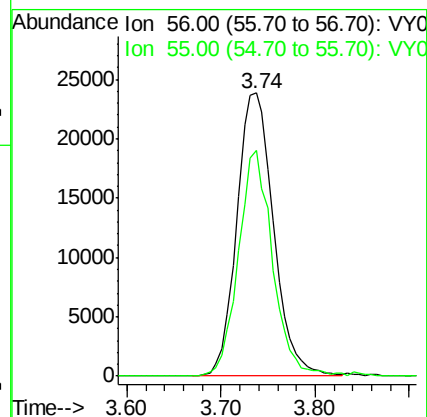
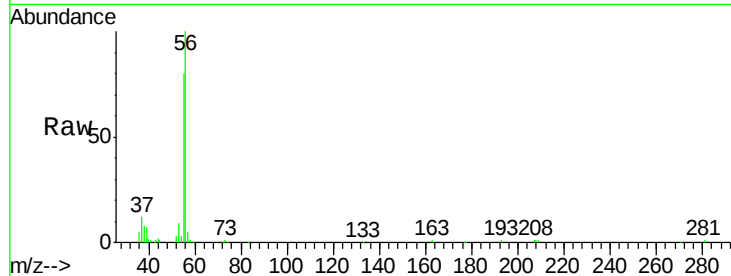
55 74.0 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 62.285 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

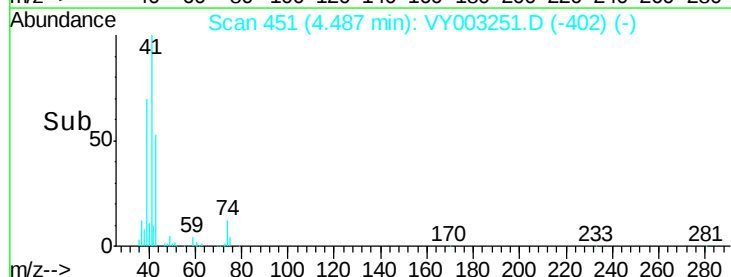
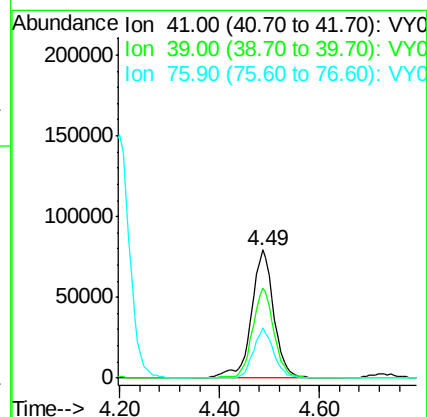
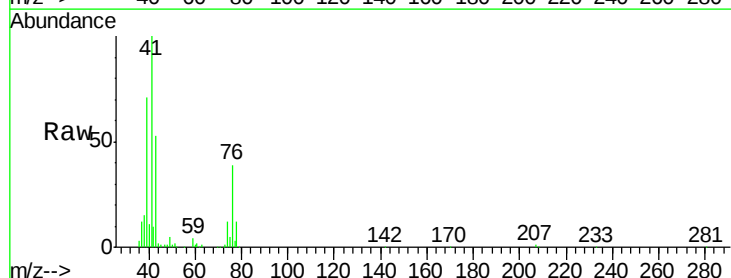
Tgt Ion: 41 Resp: 247761

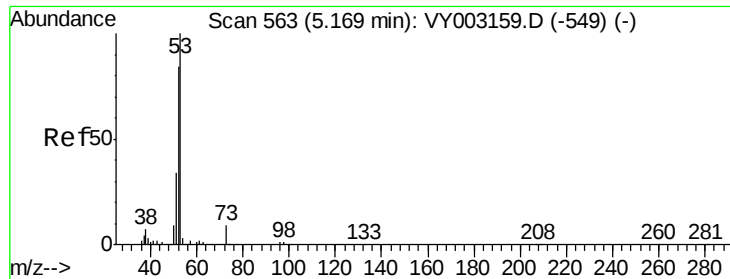
Ion Ratio Lower Upper

41 100

39 66.9 56.6 85.0

76 35.5 31.6 47.4





#15

Acrylonitrile

Concen: 328.583 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

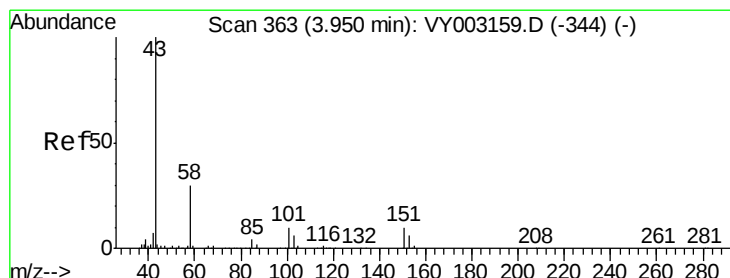
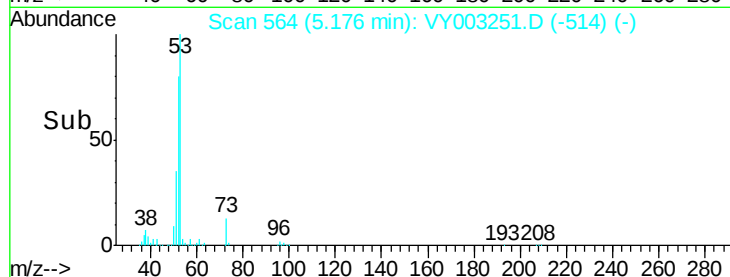
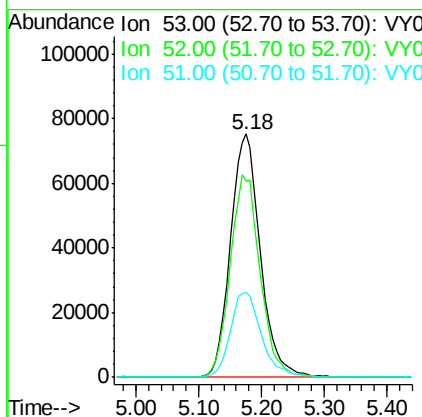
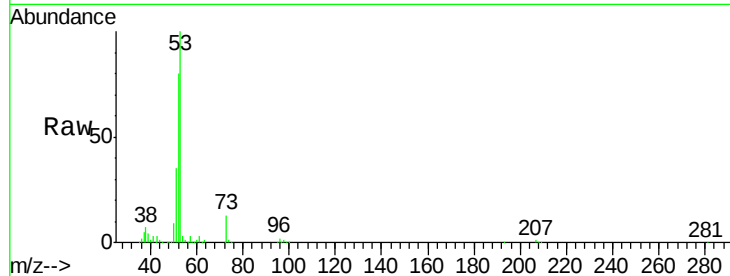
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	248210
Ion Ratio		Lower	Upper
53	100		
52	83.3	65.8	98.6
51	36.6	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 322.382 ug/l

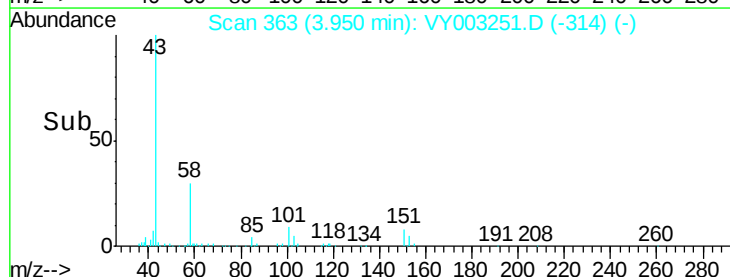
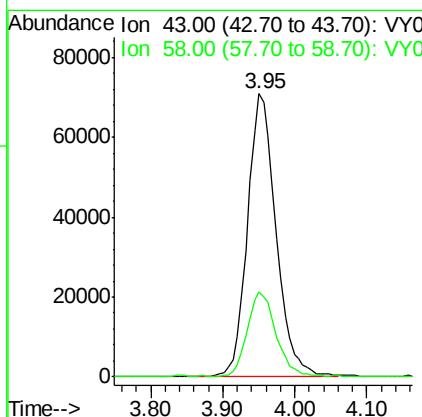
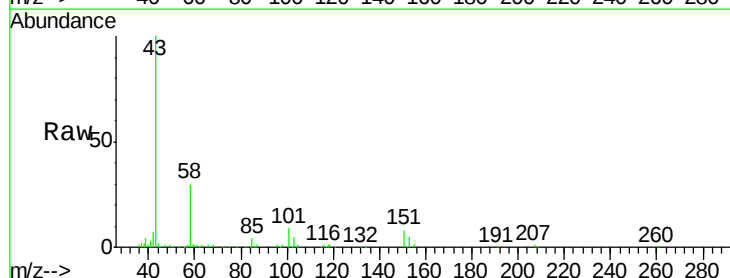
RT: 3.95 min Scan# 363

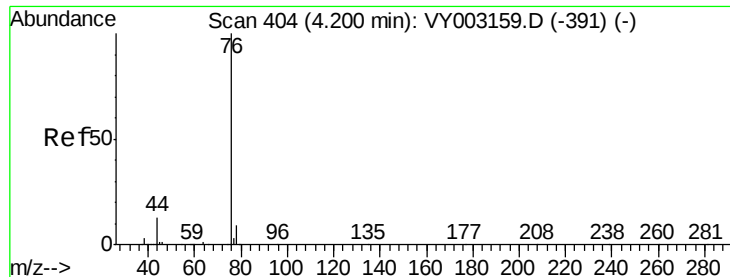
Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion:	43	Resp:	195805
Ion Ratio		Lower	Upper
43	100		
58	29.7	23.8	35.6





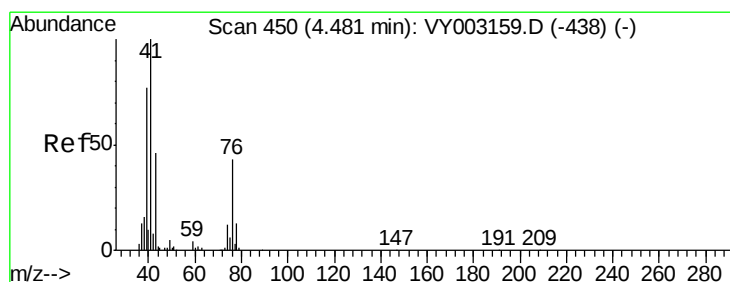
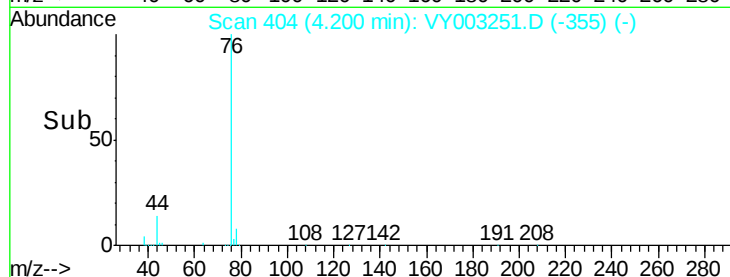
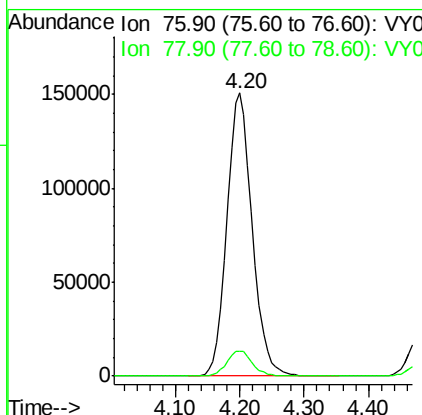
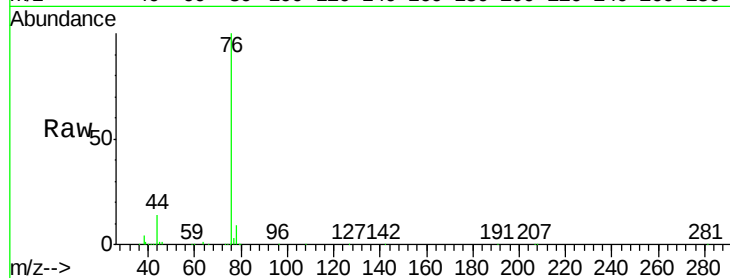
#17
Carbon Disulfide
Concen: 50.541 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

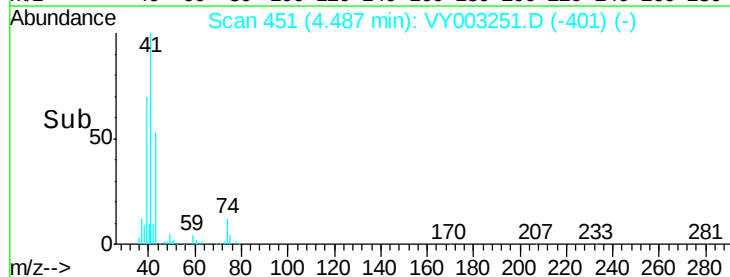
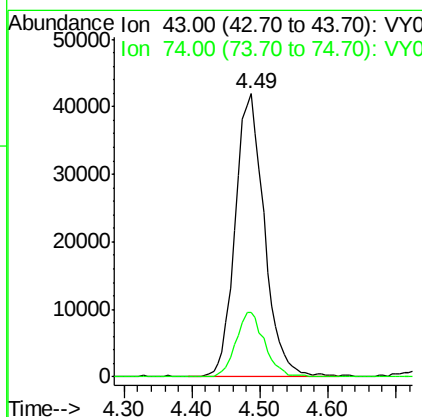
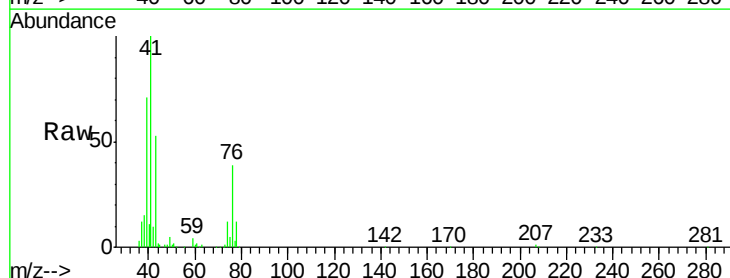
Manual Integrations
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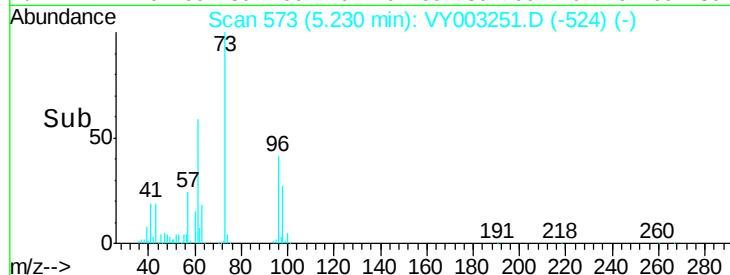
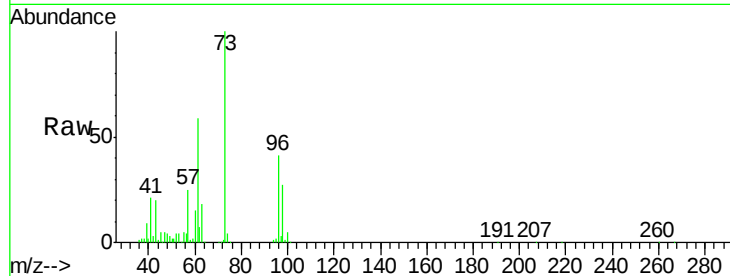
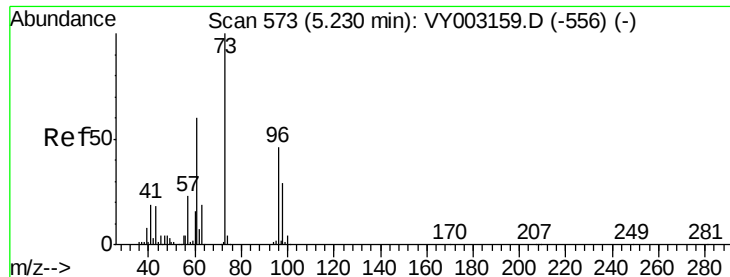
MMDadoda
7/21/2020 4:58:54 PM



#18
Methyl Acetate
Concen: 74.078 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	20.8	31.2





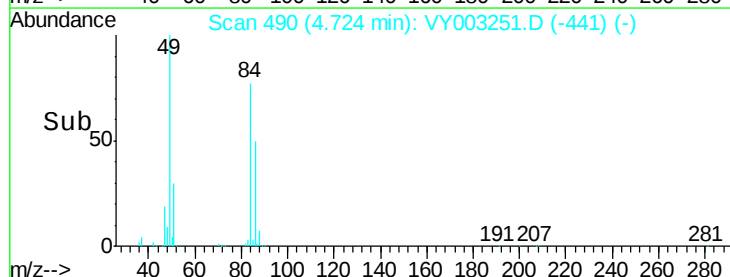
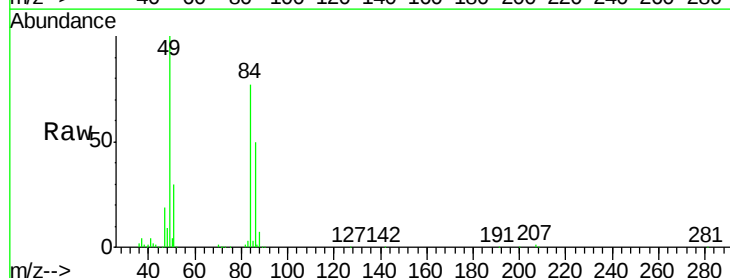
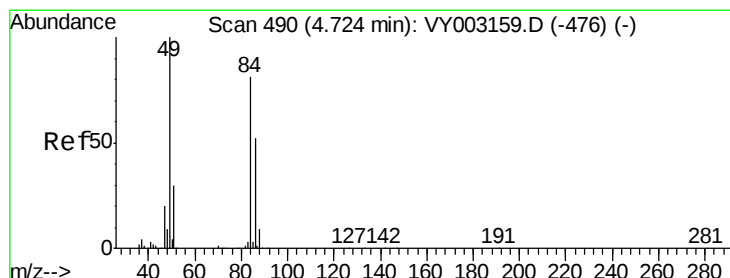
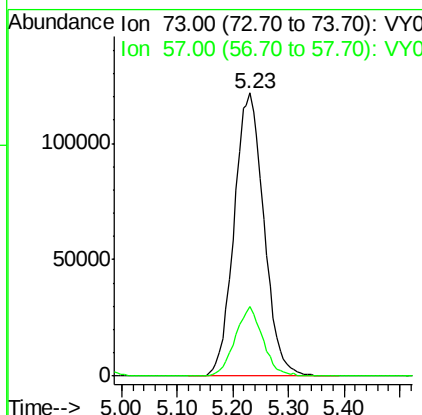
#19
Methvl tert-butvl Ether
Concen: 60.128 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tot Ion	73	Resp	451716
Ion Ratio	100	Lower	Upper
73	100		
57	24.5	18.1	27.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

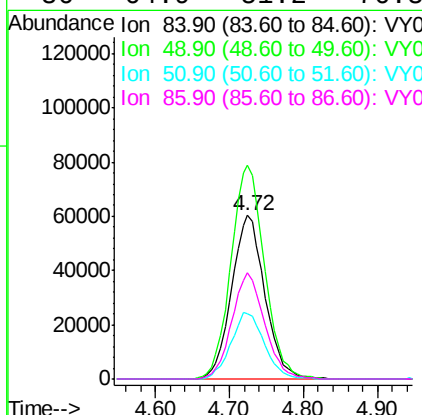
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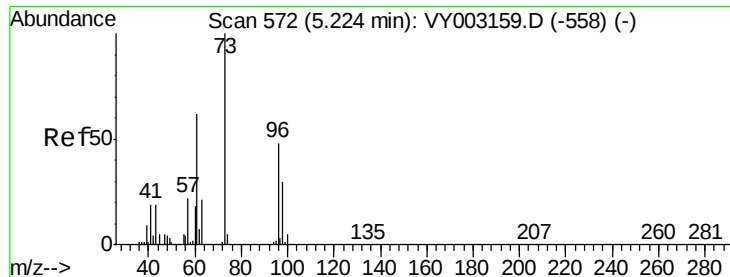
MMDadoda
7/21/2020 4:58:54 PM



#20
Methylene Chloride
Concen: 63.172 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	84	Resp	188625
Ion Ratio	100	Lower	Upper
84	100		
49	130.3	98.2	147.4
51	39.7	29.8	44.6
86	64.9	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 53.105 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

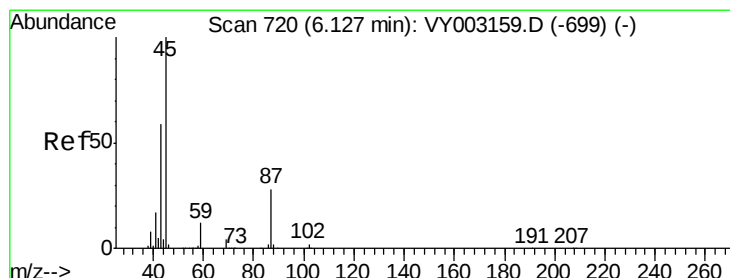
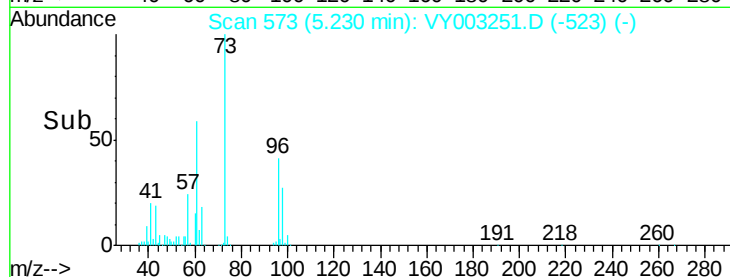
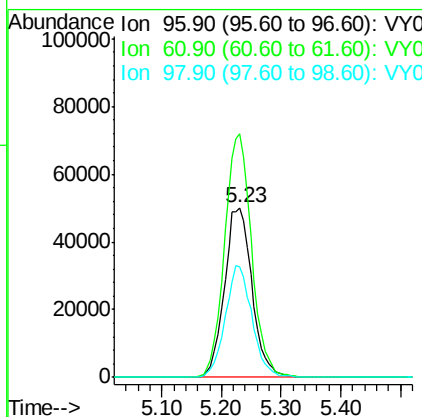
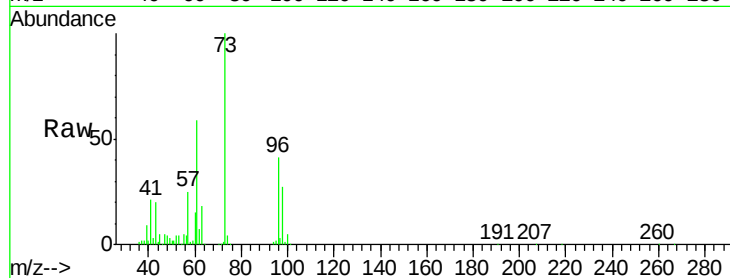
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	161019
Ion	Ratio	Lower	Upper
96	100		
61	143.7	102.5	153.7
98	65.4	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 64.254 ug/l

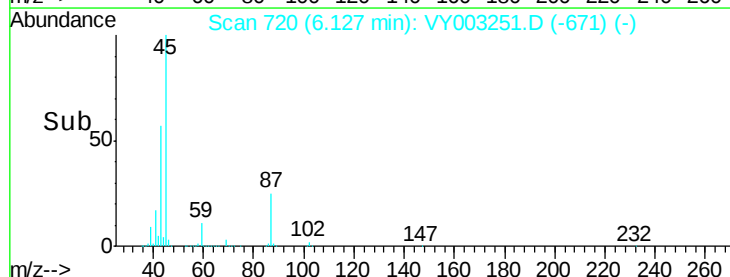
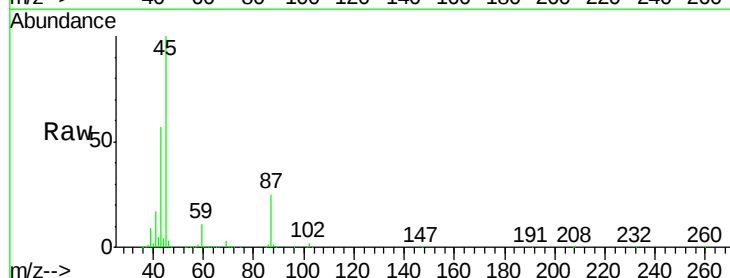
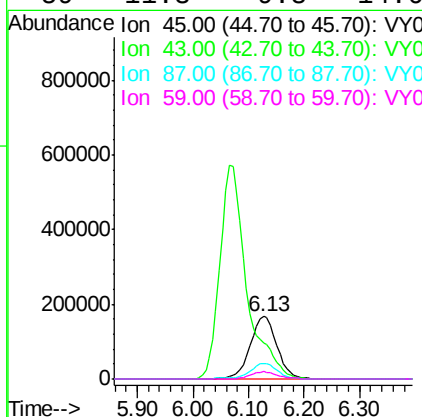
RT: 6.13 min Scan# 720

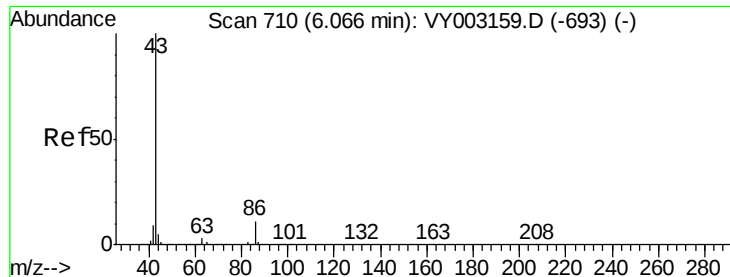
Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion:	45	Resp:	567250
Ion	Ratio	Lower	Upper
45	100		
43	57.1	47.0	70.4
87	25.2	22.6	33.8
59	11.3	9.8	14.6





#23

Vinyl Acetate

Concen: 325.720 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1916618

Ion Ratio Lower Upper

43 100

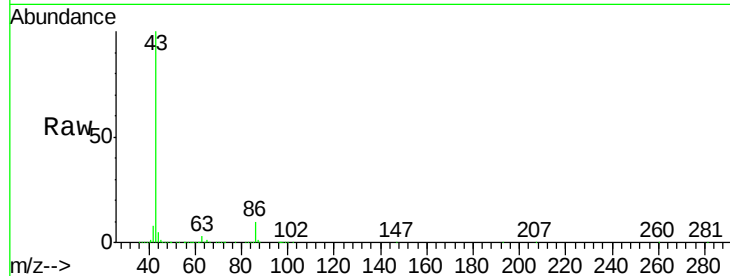
86 9.6 8.8 13.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

600000

400000

200000

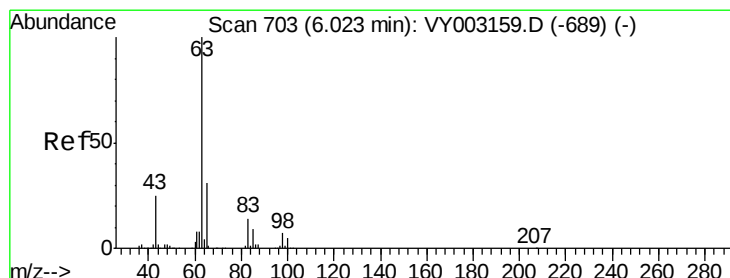
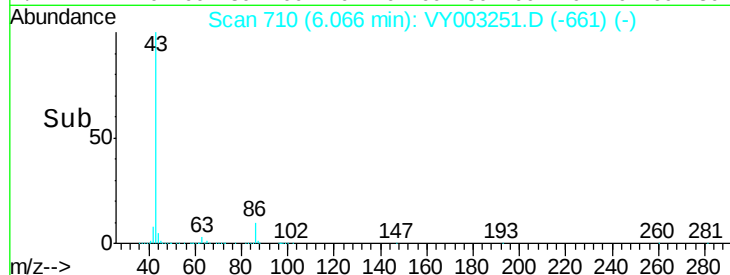
0

6.07

6.00

6.20

Time-->



#24

1,1-Dichloroethane

Concen: 58.321 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

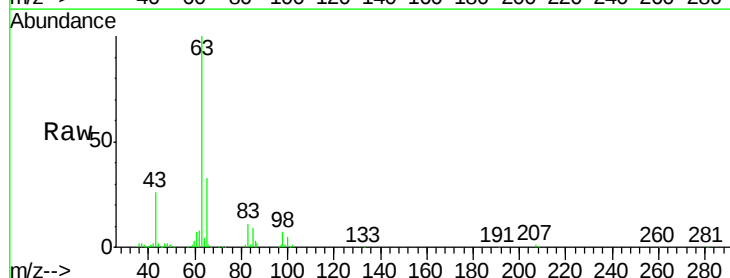
Tgt Ion: 63 Resp: 298290

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

120000

100000

80000

60000

40000

20000

0

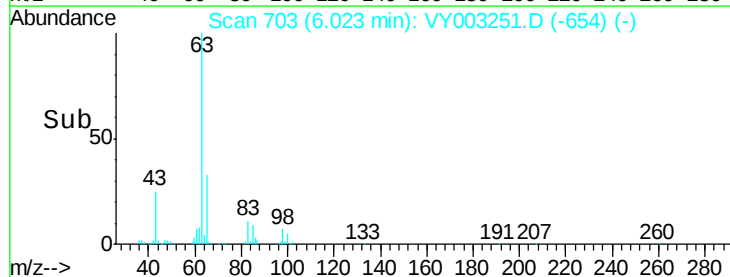
6.02

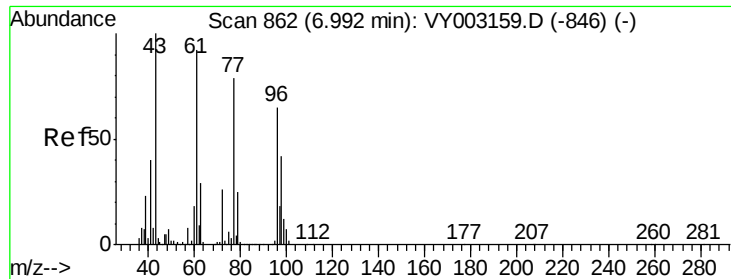
5.90

6.10

6.20

Time-->





#25

2-Butanone

Concen: 338.218 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 337286

Ion Ratio Lower Upper

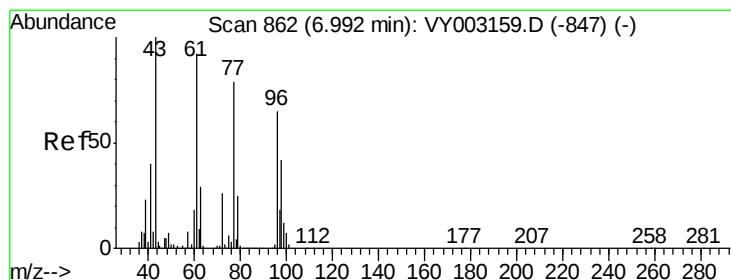
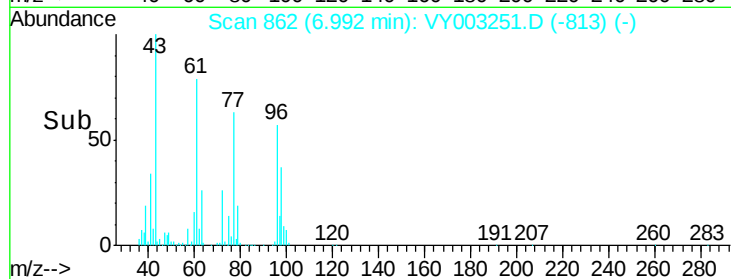
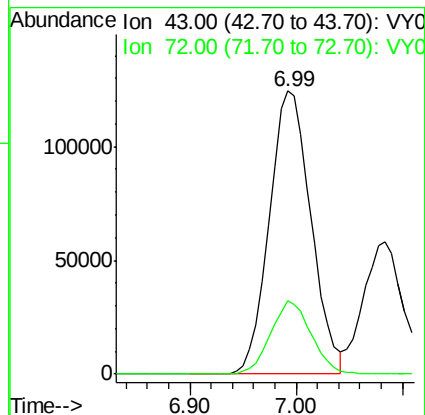
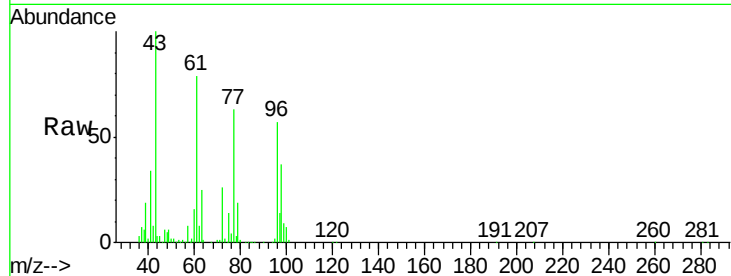
43 100

72 26.0 20.9 31.3

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 51.464 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003251.D

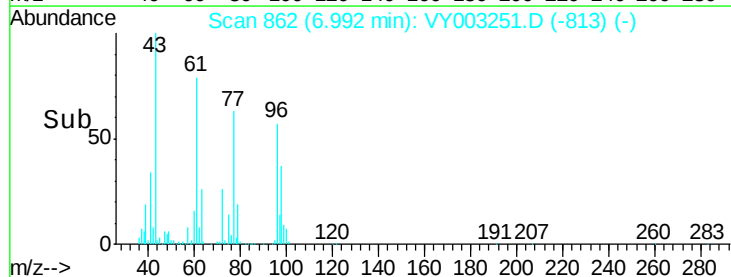
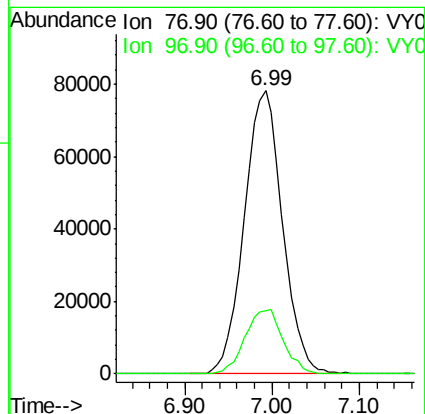
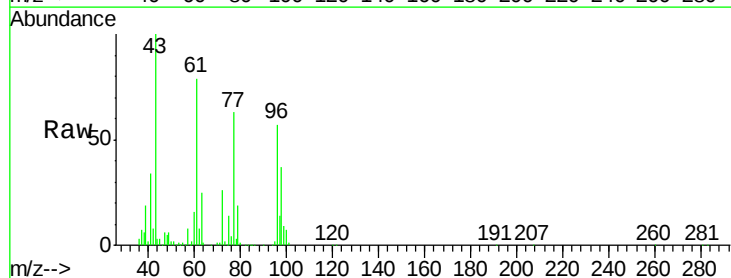
Acq: 20 Jul 2020 22:43

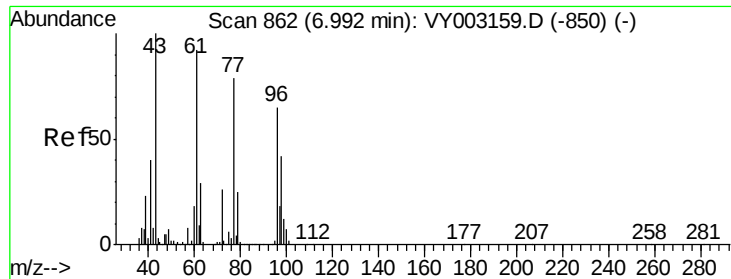
Tgt Ion: 77 Resp: 237051

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.7





#27

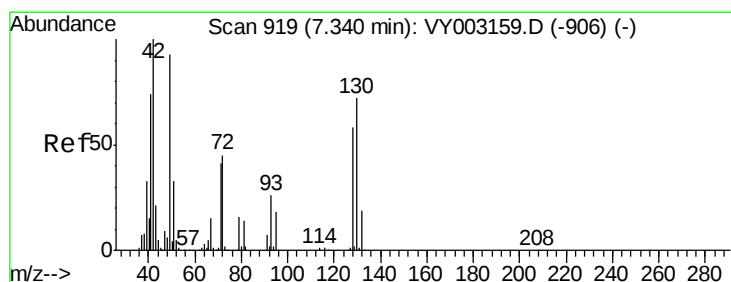
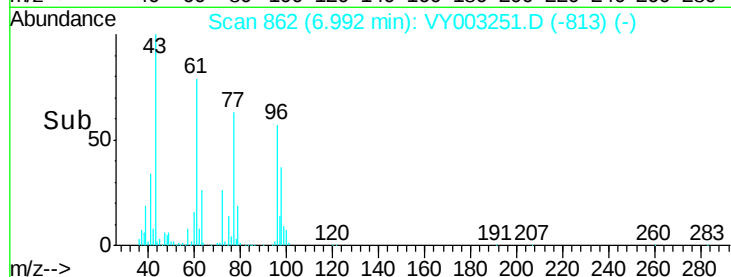
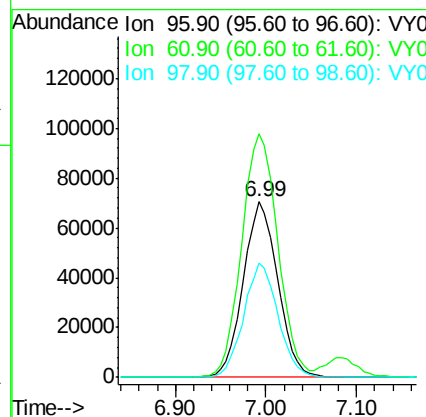
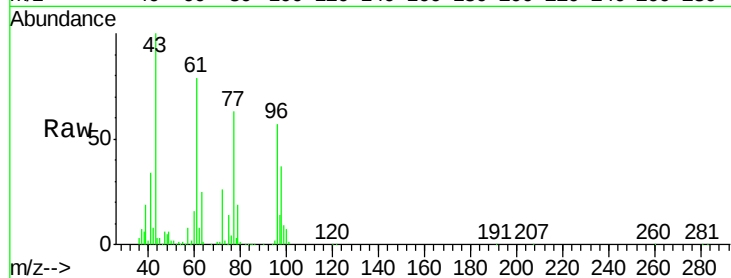
cis-1,2-Dichloroethene
 Concen: 55.807 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	281.2
98	64.6	0.0	129.8

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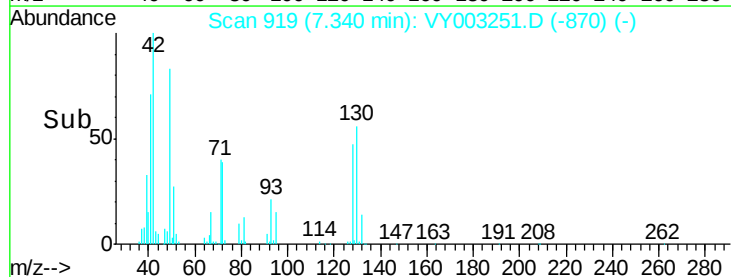
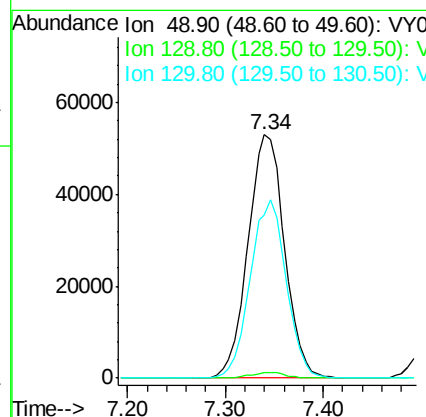
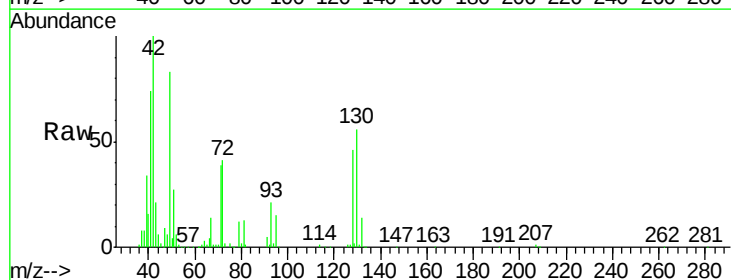
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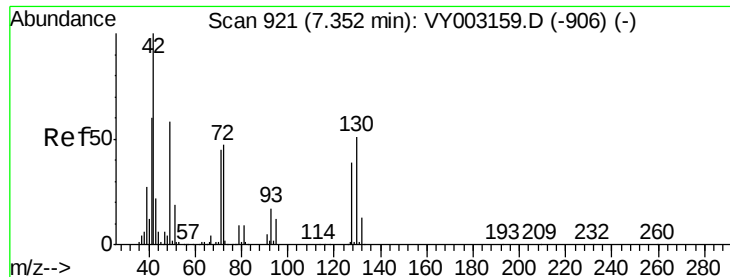


#28

Bromochloromethane
 Concen: 61.952 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	72.2	64.9	97.3





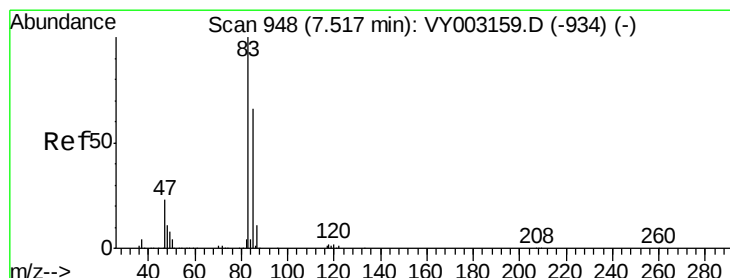
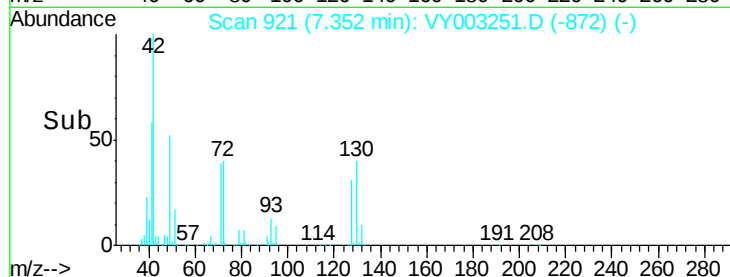
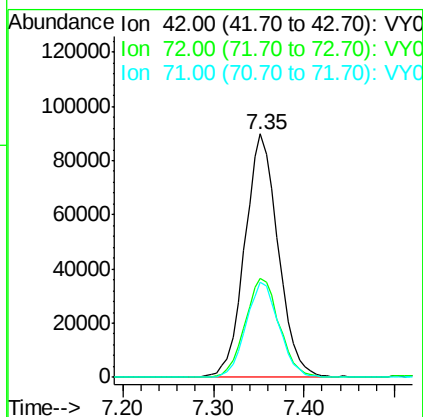
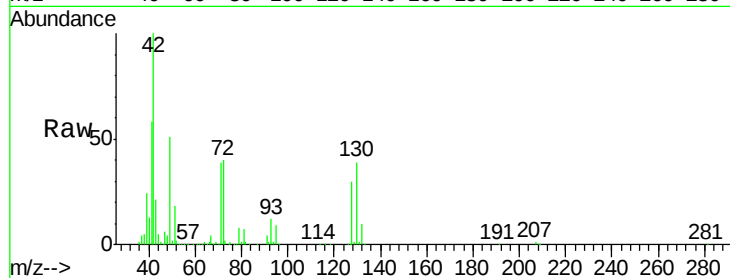
#29
Tetrahydrofuran
Concen: 341.833 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	36.7	55.1
71	38.5	34.2	51.4

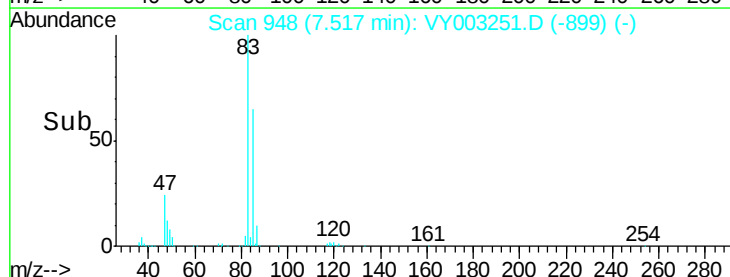
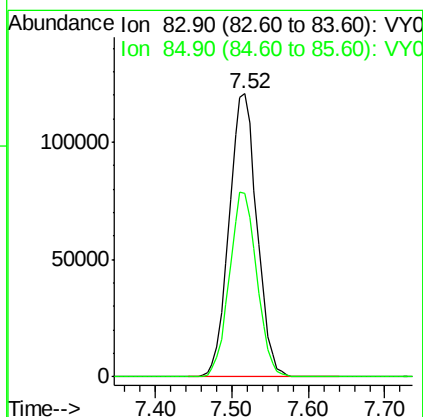
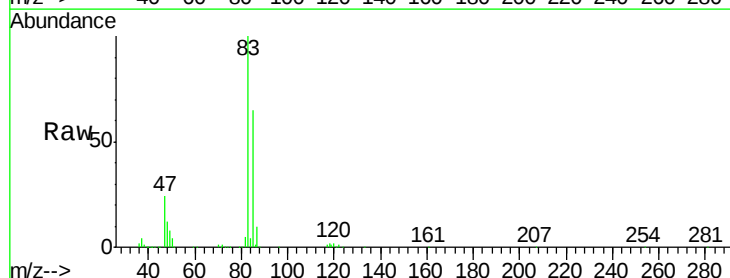
Manual Integrations
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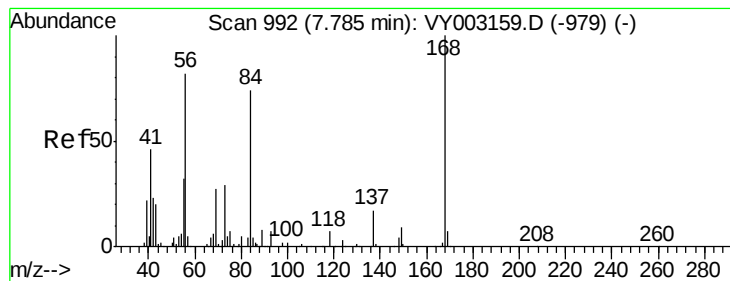
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#30
Chloroform
Concen: 57.491 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.6	78.8





#31

Cyclohexane

Concen: 50.614 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

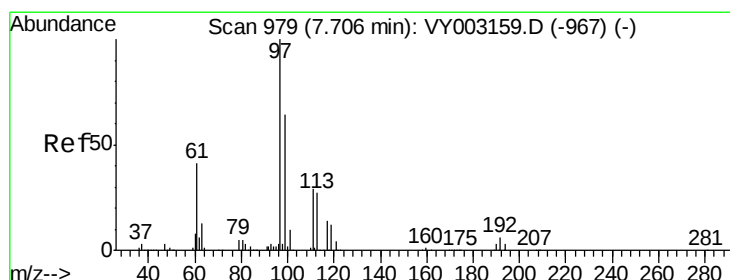
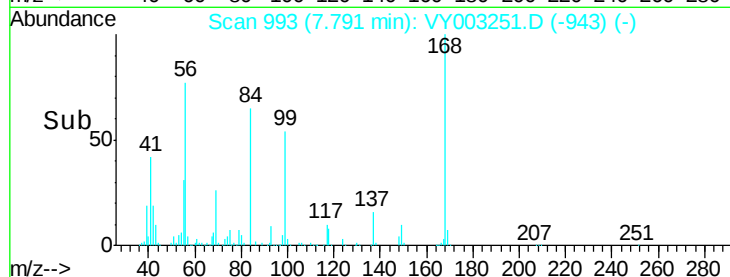
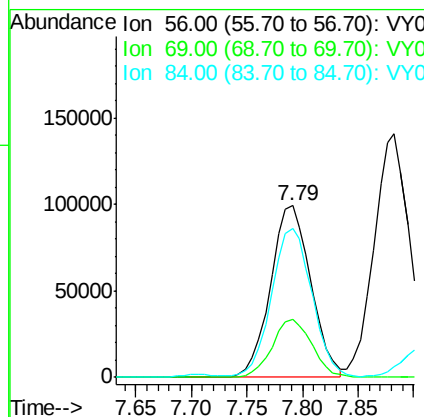
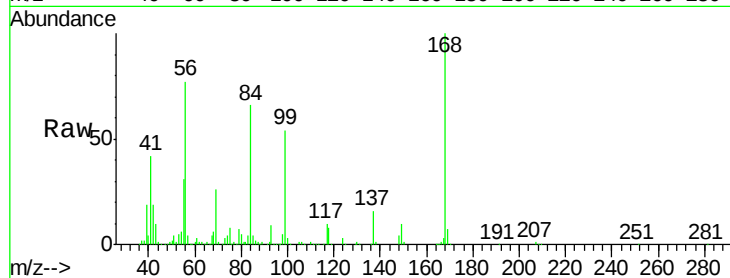
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	250325
Ion Ratio	Lower	Upper	
56	100		
69	33.8	26.7	40.1
84	85.0	72.3	108.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.812 ug/l

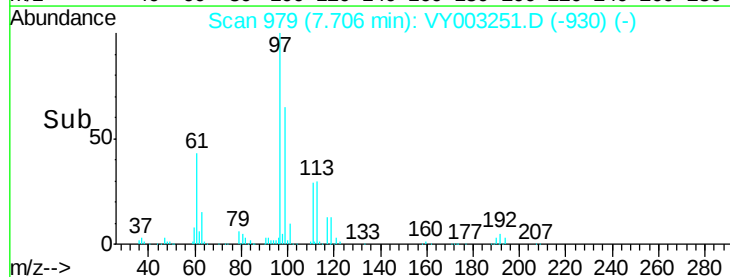
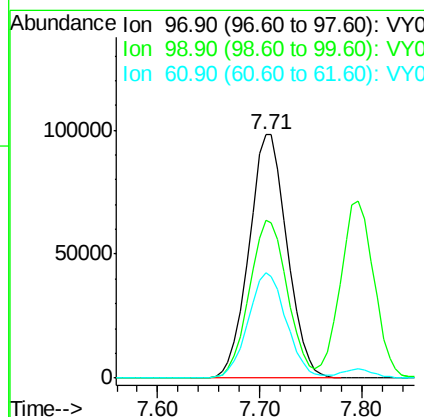
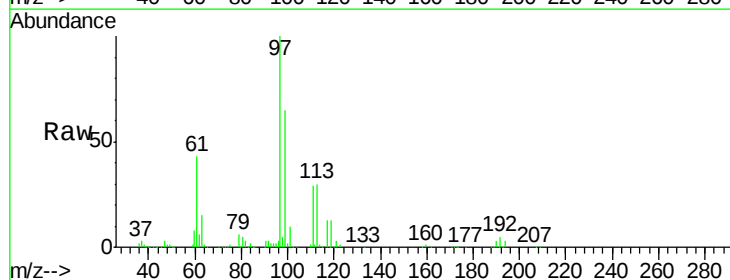
RT: 7.71 min Scan# 979

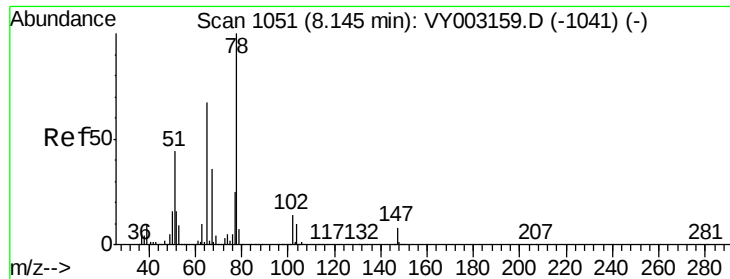
Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion:	97	Resp:	255193
Ion Ratio	Lower	Upper	
97	100		
99	64.7	52.1	78.1
61	43.2	33.9	50.9





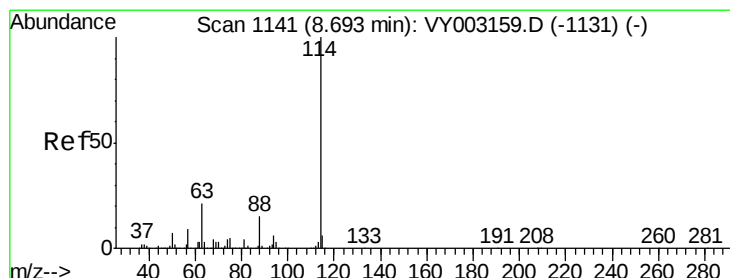
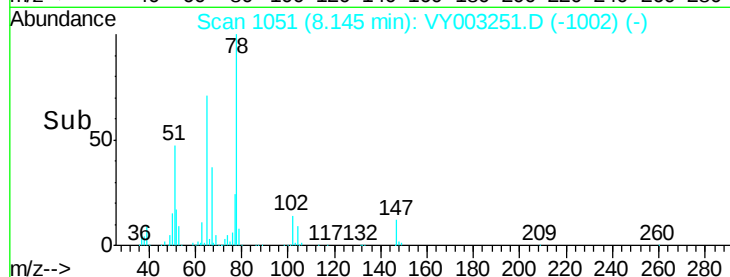
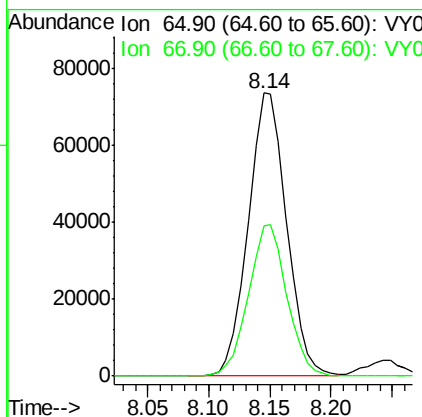
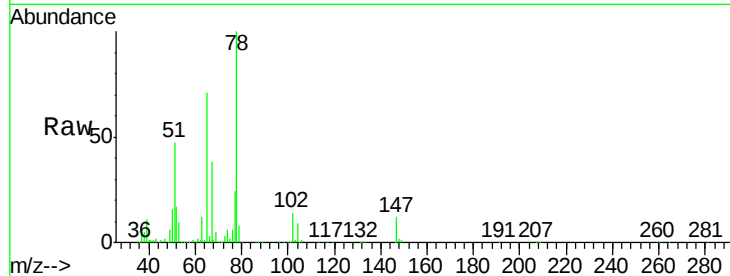
#33
 1,2-Dichloroethane-d4
 Concen: 59.120 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.2

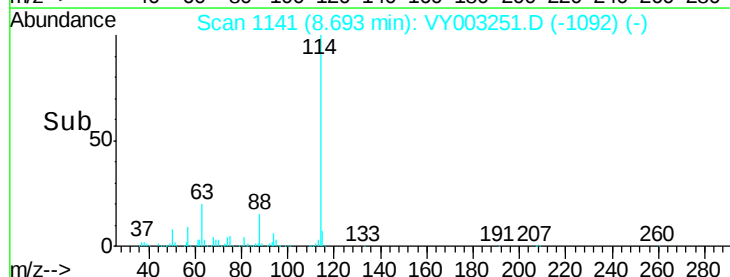
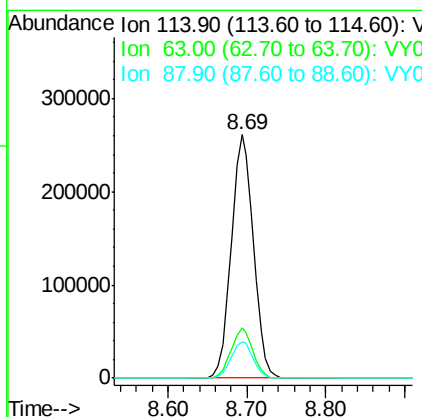
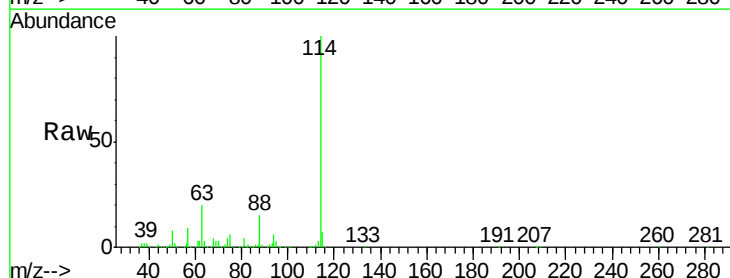
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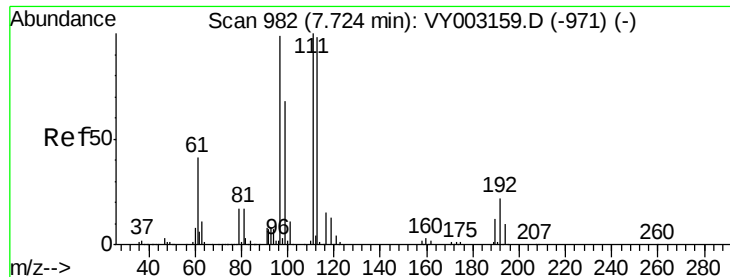
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.2
88	15.0	0.0	30.2





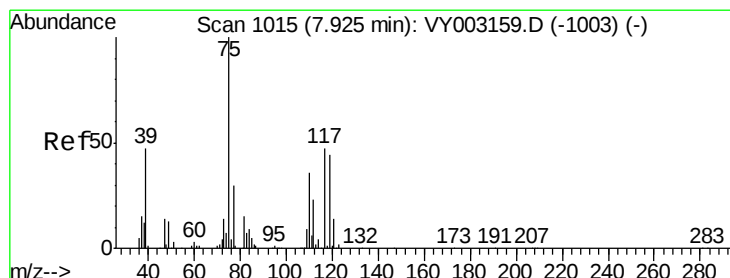
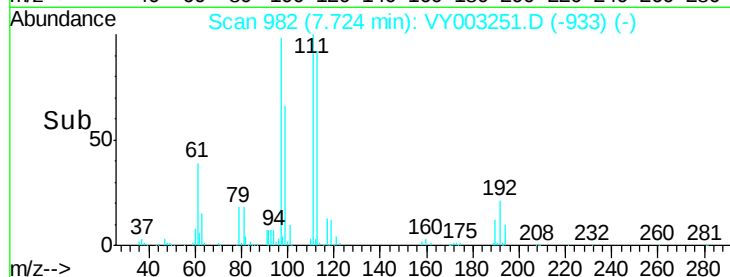
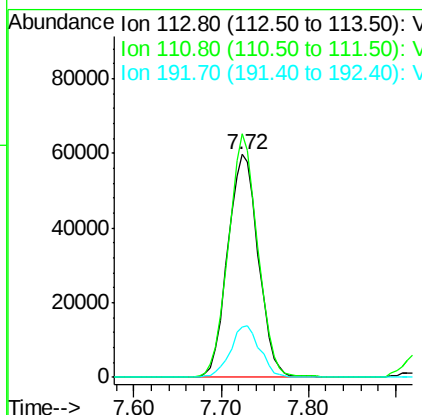
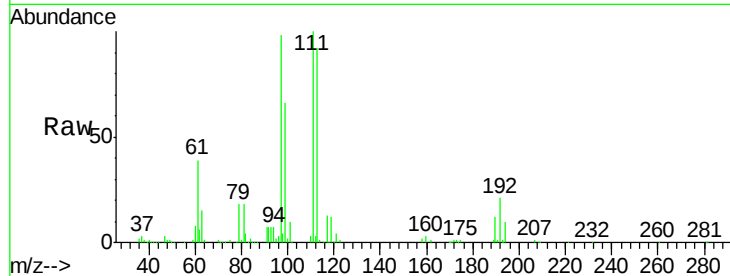
#35
Dibromofluoromethane
Concen: 49.787 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.1	123.1
192	22.4	18.8	28.2

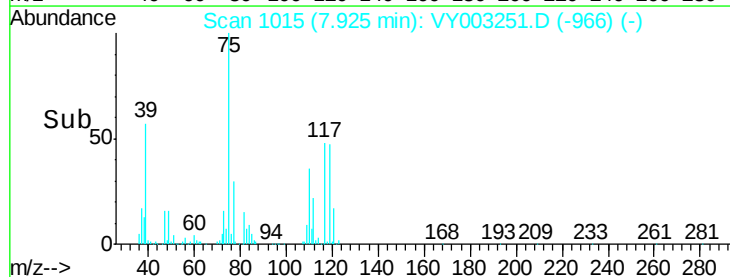
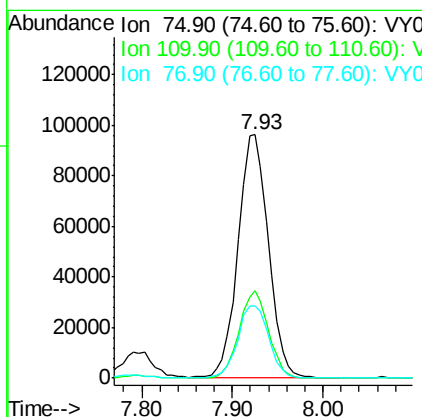
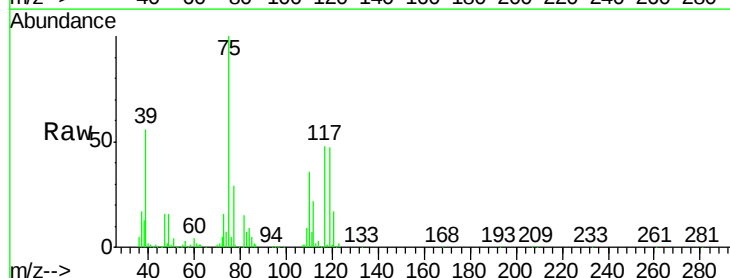
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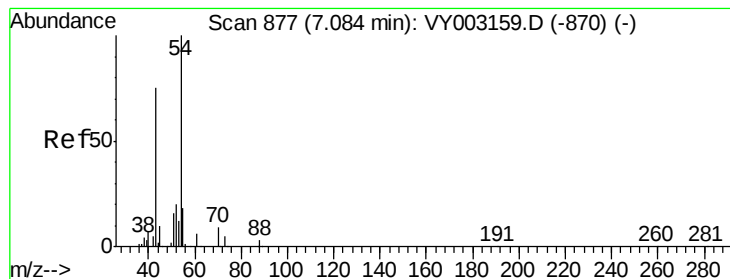
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#36
1,1-Dichloropropene
Concen: 48.263 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	18.1	54.1
77	31.1	24.8	37.2





#37

Ethyl Acetate

Concen: 62.744 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

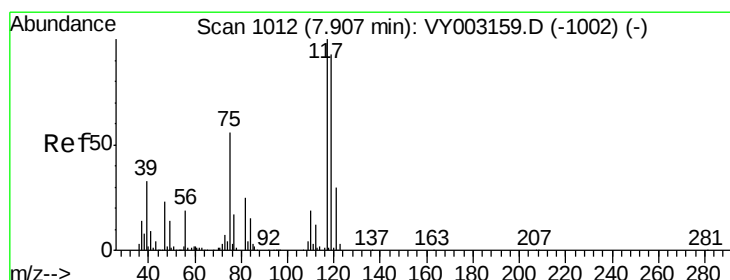
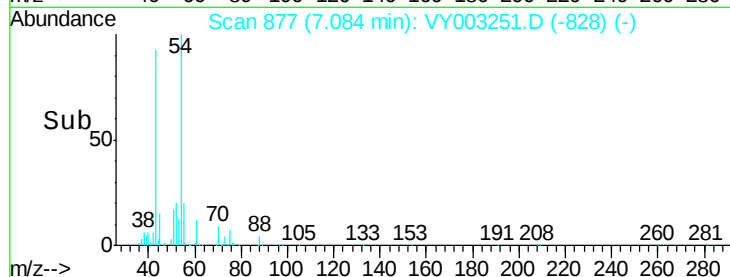
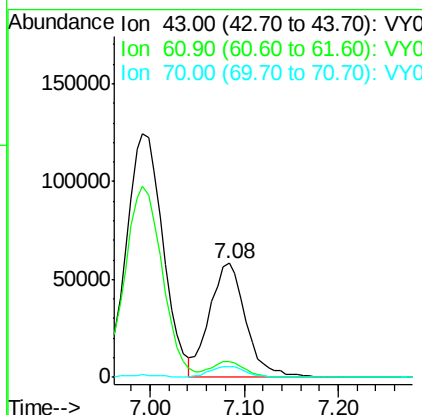
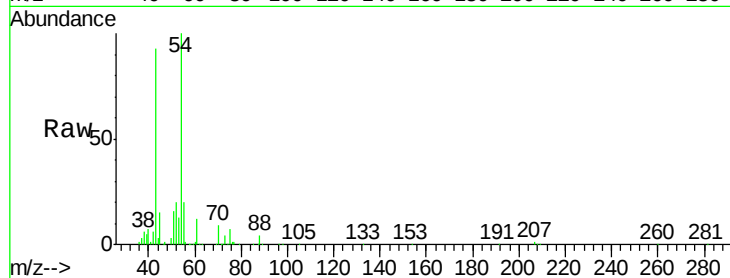
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	155310
Ion	Ratio	Lower	Upper
43	100		
61	12.5	11.8	17.6
70	9.6	8.6	13.0

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#38

Carbon Tetrachloride

Concen: 48.683 ug/l

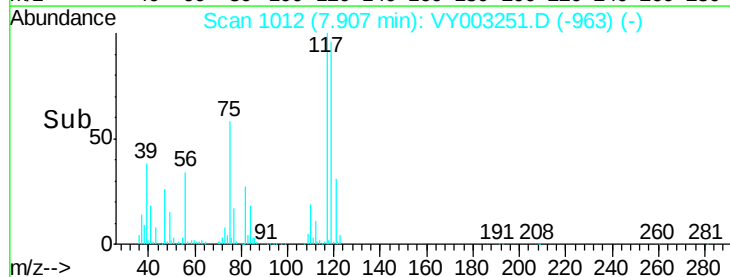
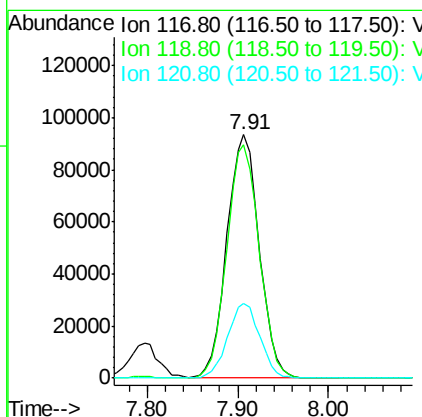
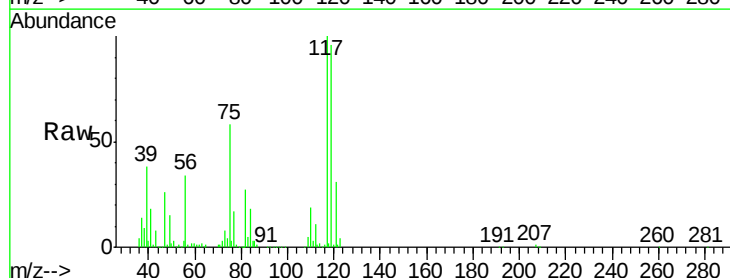
RT: 7.91 min Scan# 1012

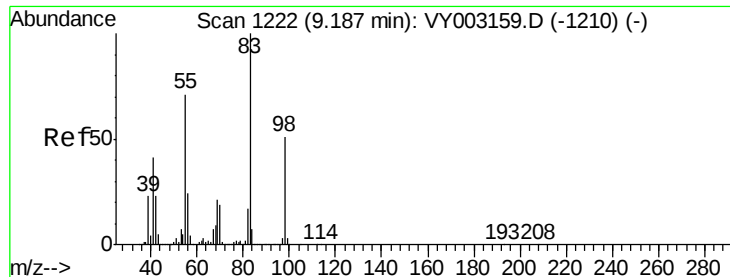
Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion:	117	Resp:	231009
Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.5	111.7
121	30.6	24.2	36.2





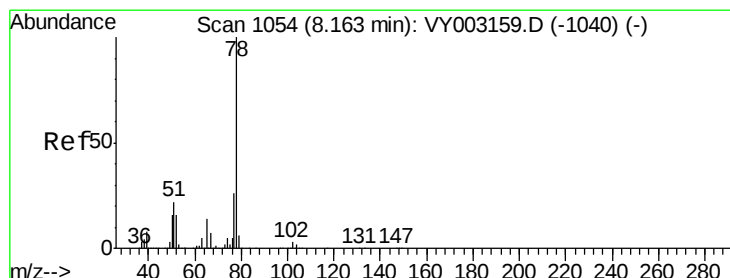
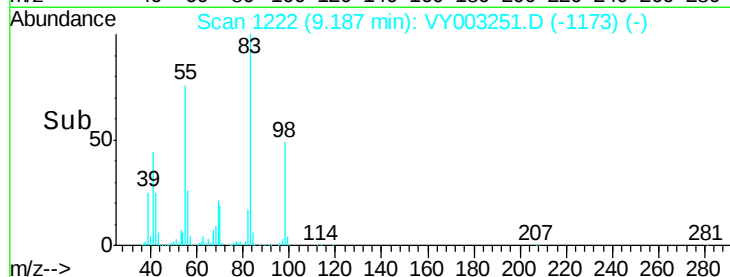
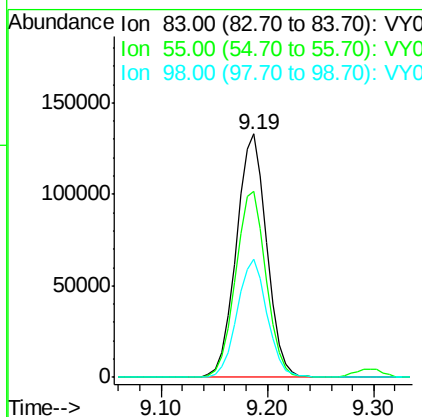
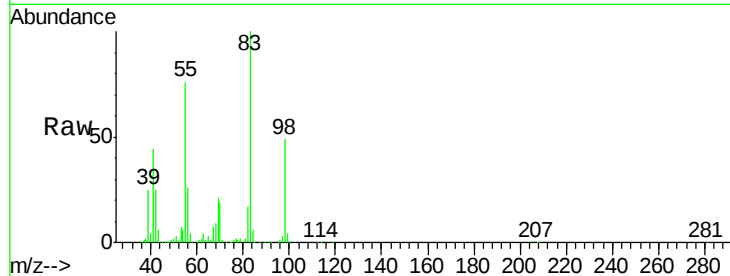
#39
Methvlcvclohexane
Concen: 46.107 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	266228
Ion	Ratio	Lower	Upper
83	100		
55	76.2	57.2	85.8
98	48.7	41.0	61.6

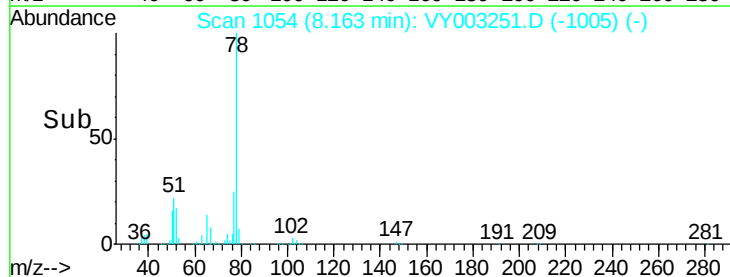
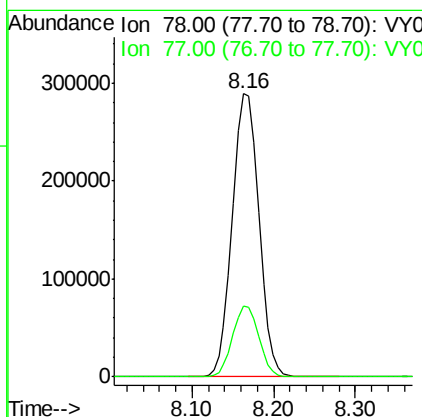
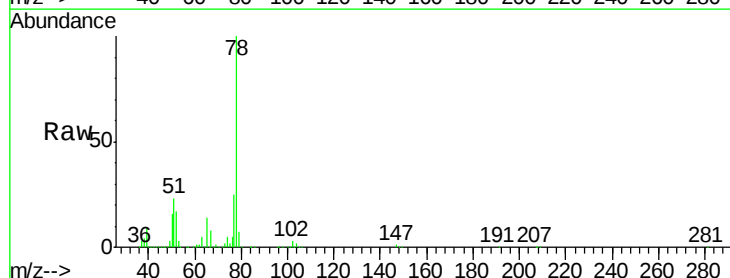
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#40
Benzene
Concen: 51.594 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	78	Resp	652979
Ion	Ratio	Lower	Upper
78	100		
77	24.9	20.7	31.1





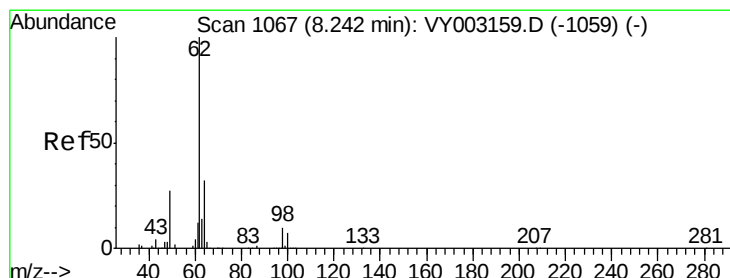
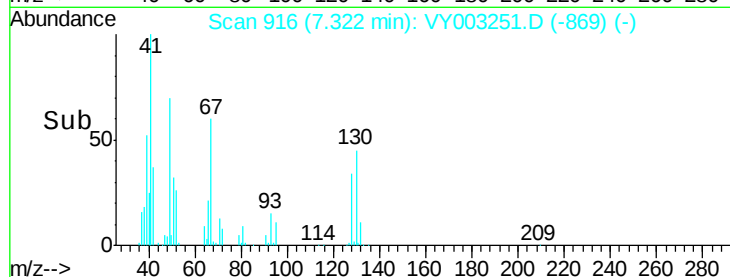
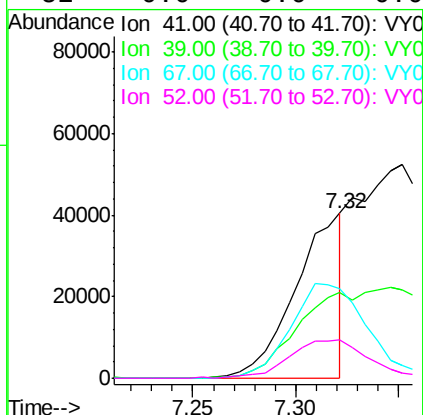
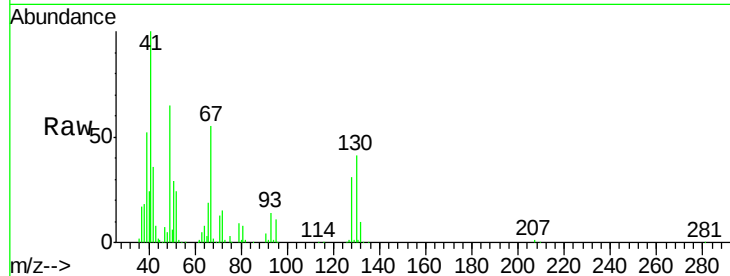
#41
Methacrylonitrile
Concen: 44.457 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	66277
Ion	Ratio	Lower	Upper
41	100		
39	150.3	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

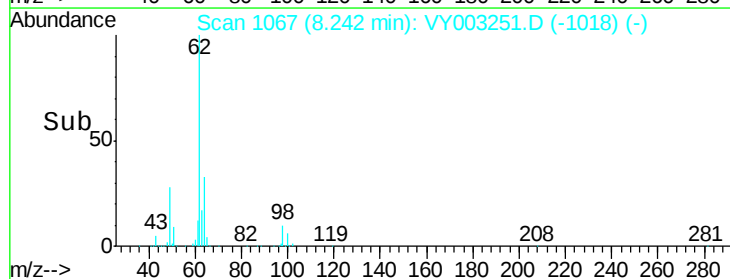
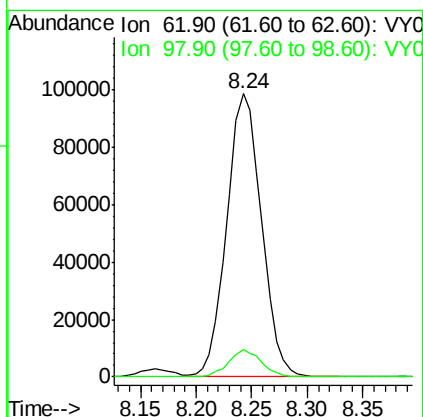
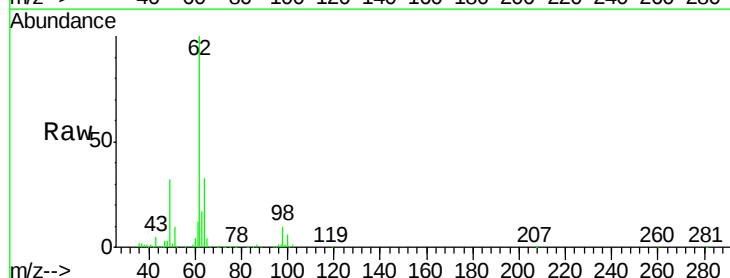
Manual Integrations
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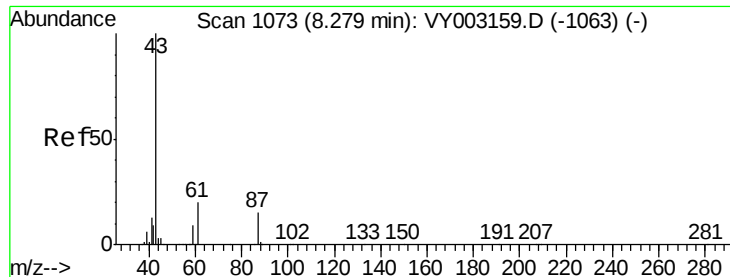
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#42
1,2-Dichloroethane
Concen: 54.809 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	62	Resp	213553
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0





#43

Isopropyl Acetate

Concen: 60.462 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

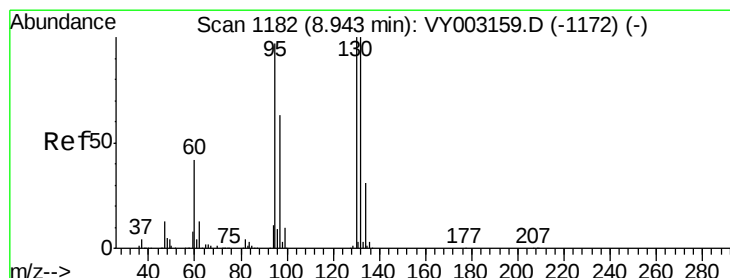
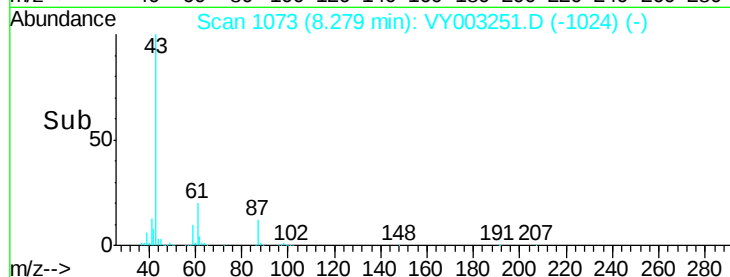
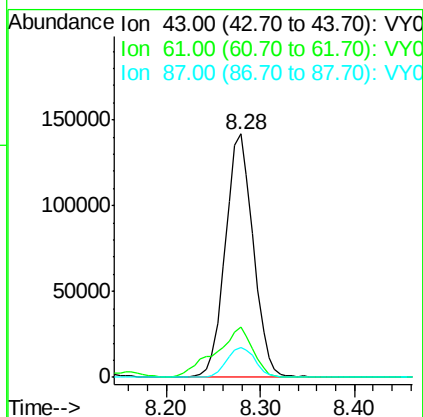
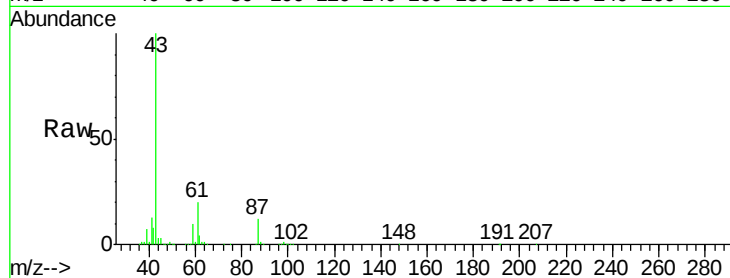
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	289693
Ion	Ratio	Lower	Upper
43	100		
61	27.9	23.7	35.5
87	12.7	11.4	17.0

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#44

Trichloroethene

Concen: 46.933 ug/l

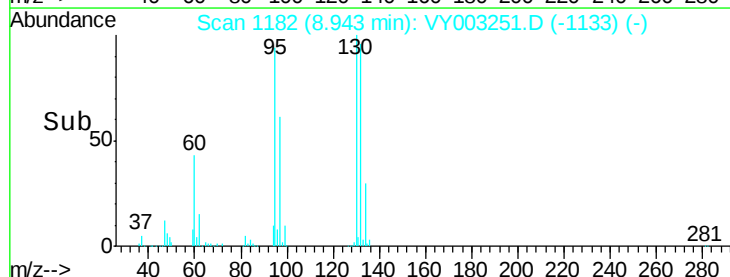
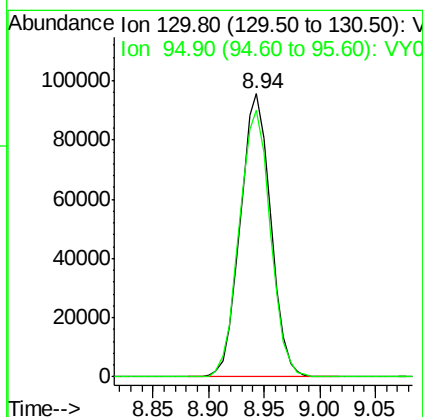
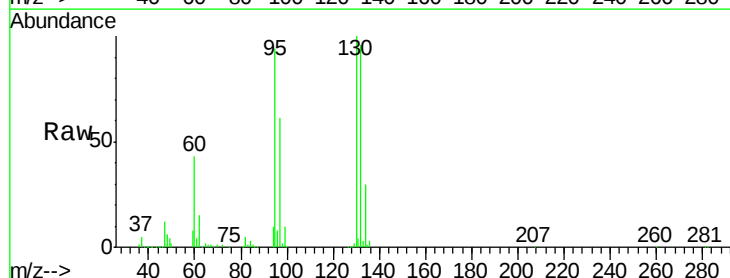
RT: 8.94 min Scan# 1182

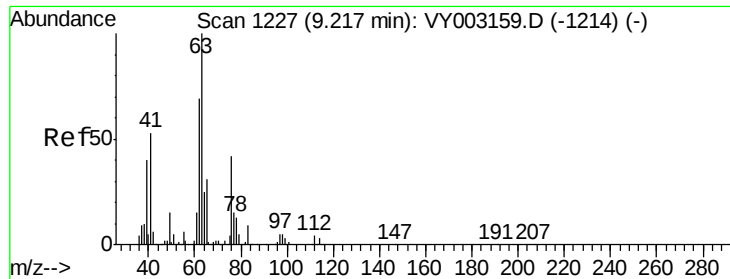
Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion:	130	Resp:	182089
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	193.8





#45

1,2-Dichloropropane

Concen: 54.853 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 179635

Ion Ratio Lower Upper

63 100

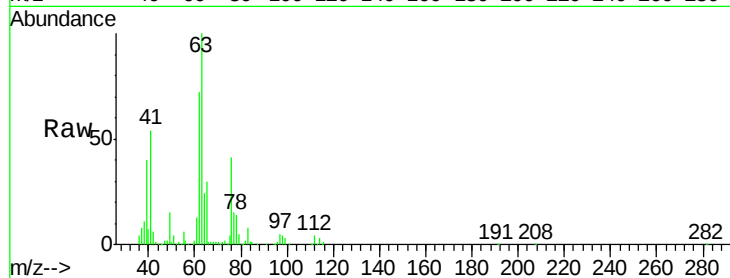
65 29.8 25.0 37.4

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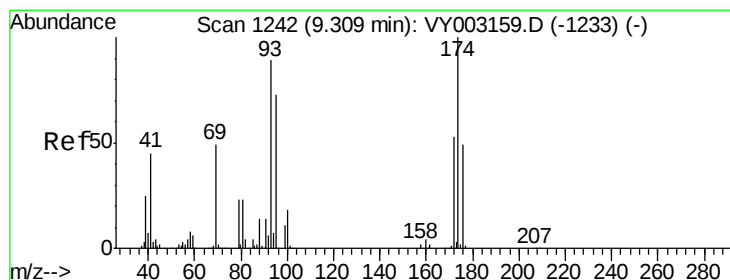
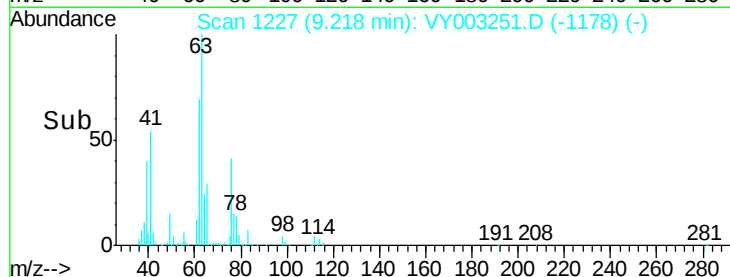
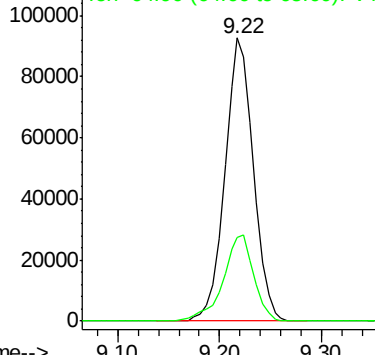
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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 53.585 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

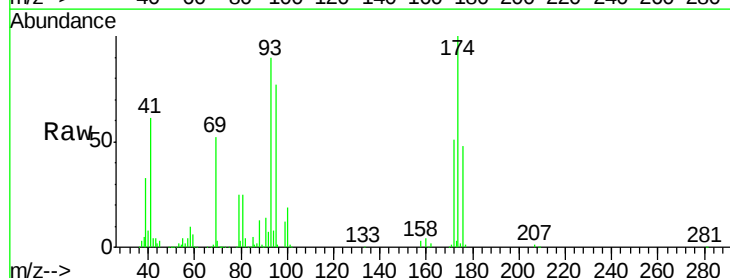
Tgt Ion: 93 Resp: 102492

Ion Ratio Lower Upper

93 100

95 84.5 66.6 99.8

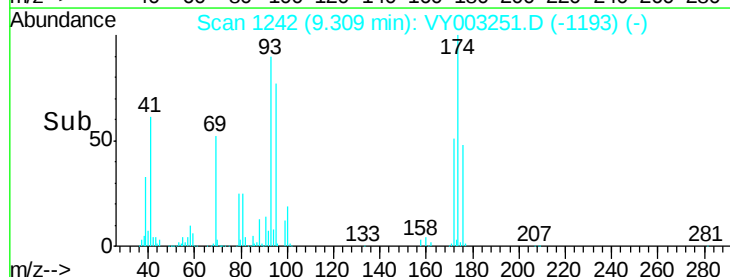
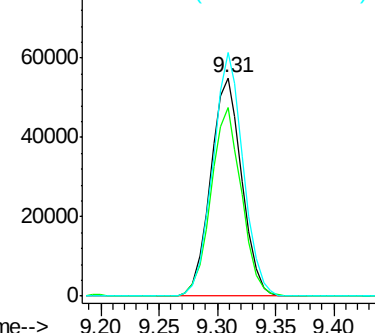
174 108.5 90.2 135.4

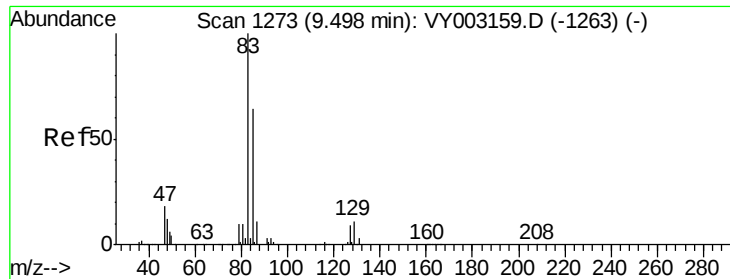


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





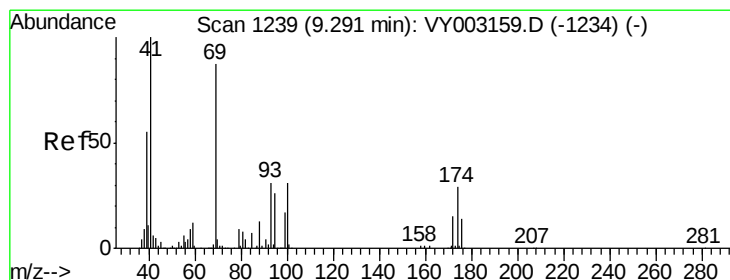
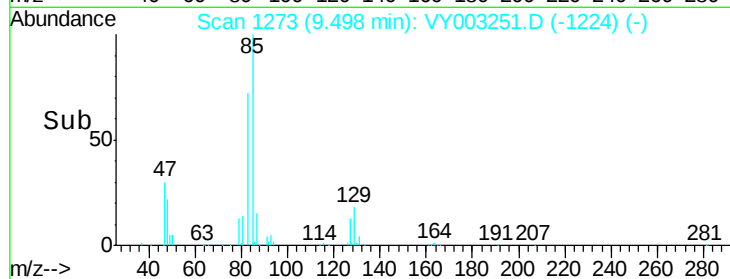
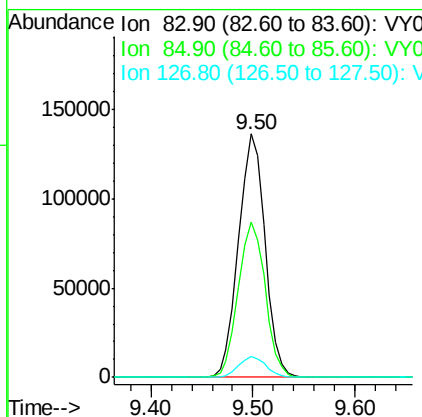
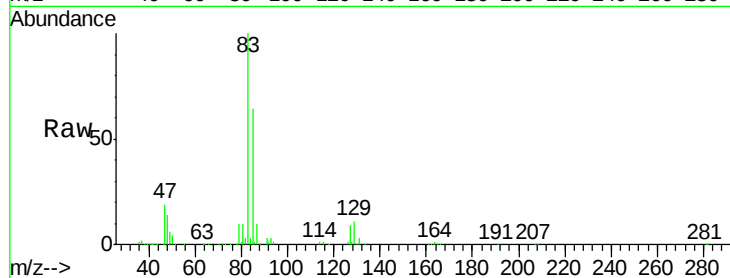
#47
Bromodichloromethane
Concen: 53.945 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	245403		
85	63.8	50.9	76.3	
127	8.5	7.0	10.4	

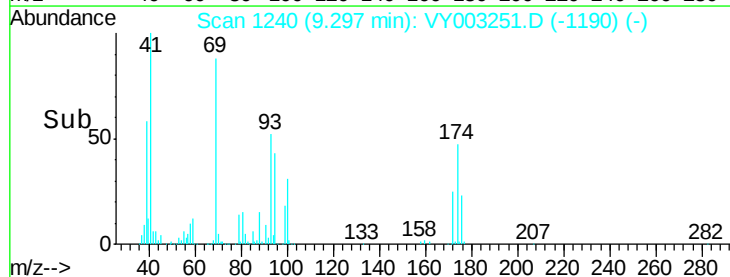
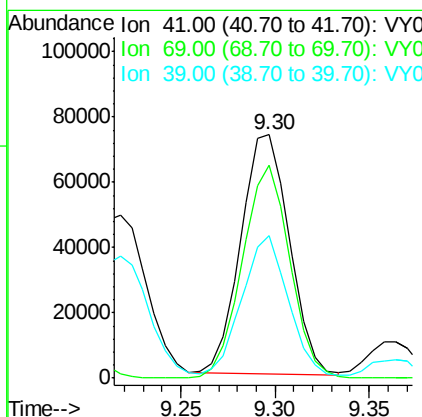
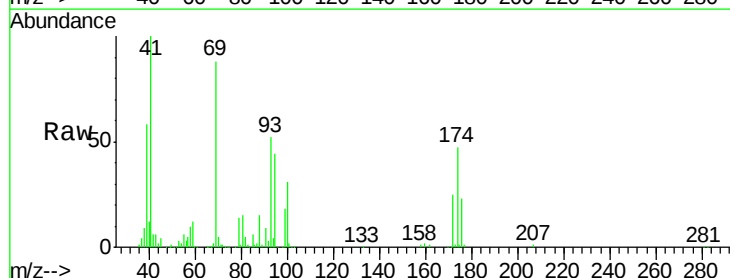
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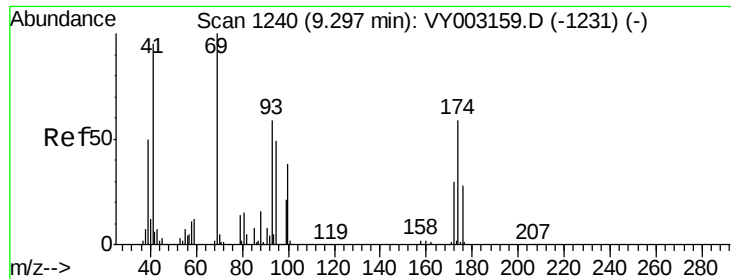
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#48
Methyl methacrylate
Concen: 61.387 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	131490		
69	86.7	74.5	111.7	
39	57.6	47.5	71.3	





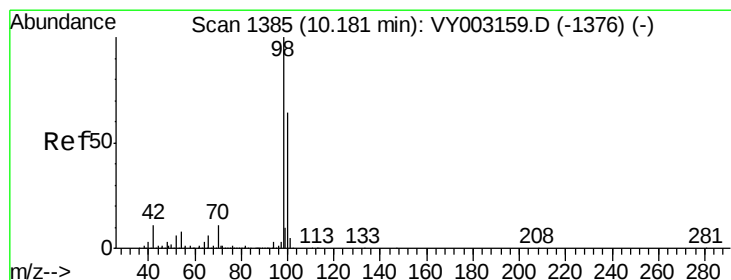
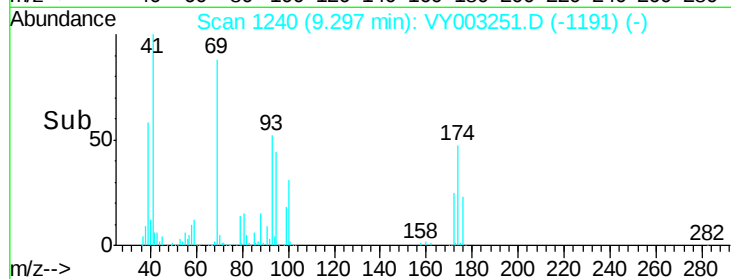
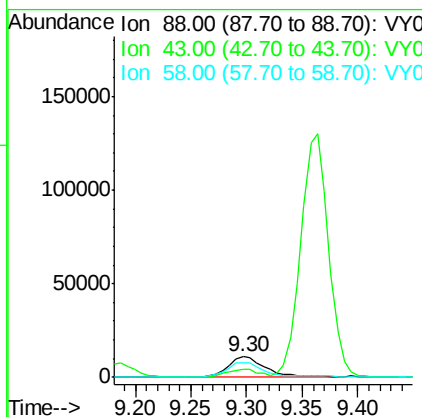
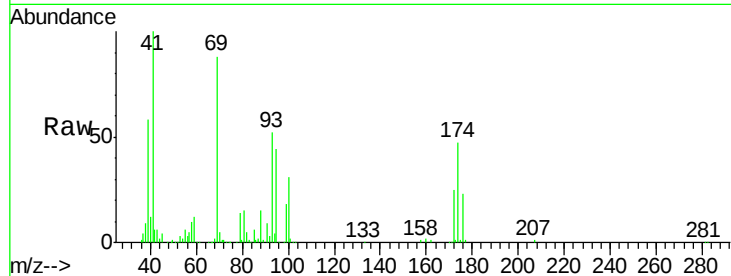
#49
1,4-Dioxane
Concen: 1069.803 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	25970
Ion	Ratio	Lower	Upper
88	100		
43	34.7	25.6	38.4
58	69.5	47.8	71.6

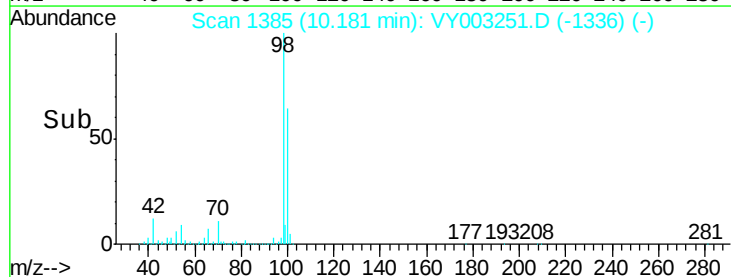
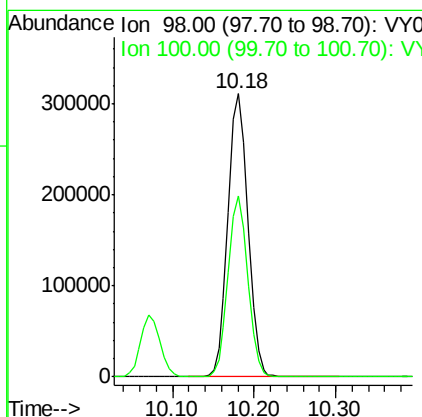
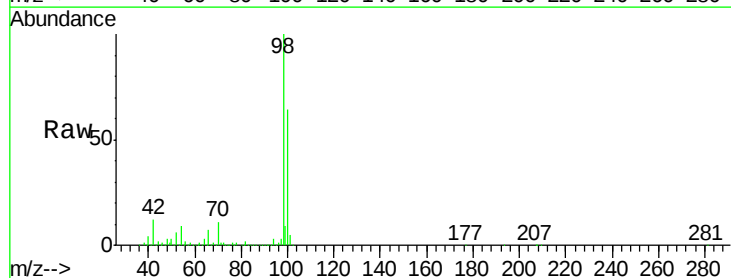
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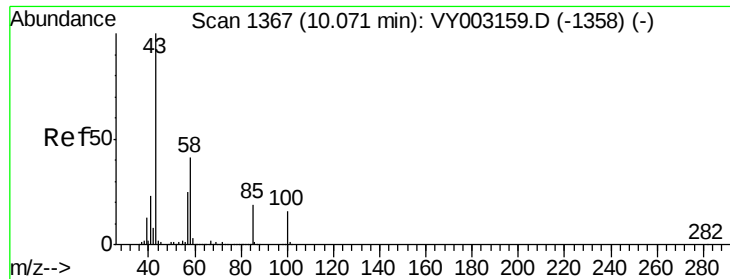
MMDadoda
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#50
Toluene-d8
Concen: 48.452 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	98	Resp	525724
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 311.997 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 776987

Ion Ratio Lower Upper

43 100

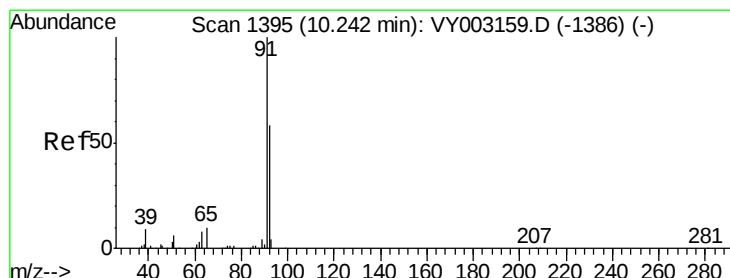
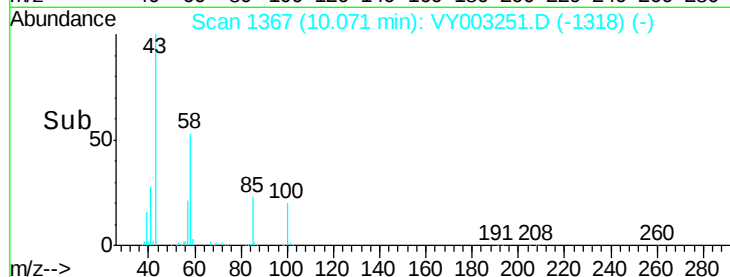
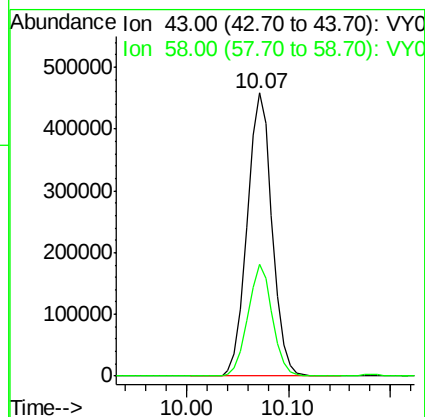
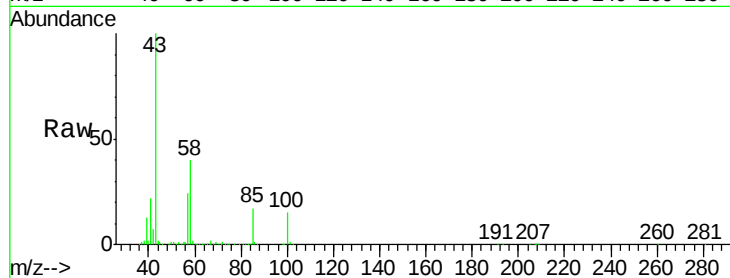
58 38.8 32.7 49.1

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#52

Toluene

Concen: 50.727 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003251.D

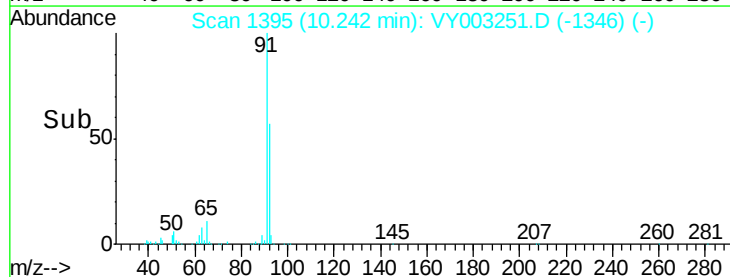
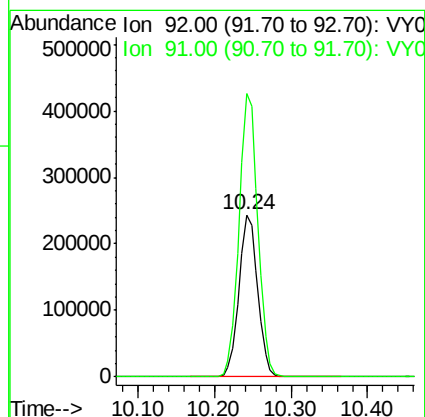
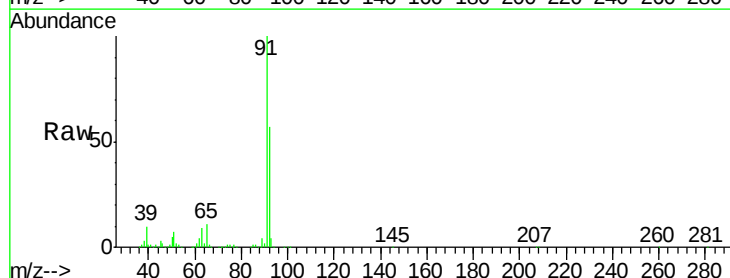
Acq: 20 Jul 2020 22:43

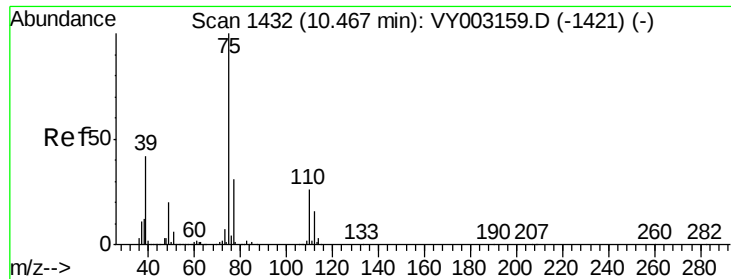
Tgt Ion: 92 Resp: 410346

Ion Ratio Lower Upper

92 100

91 176.0 139.7 209.5





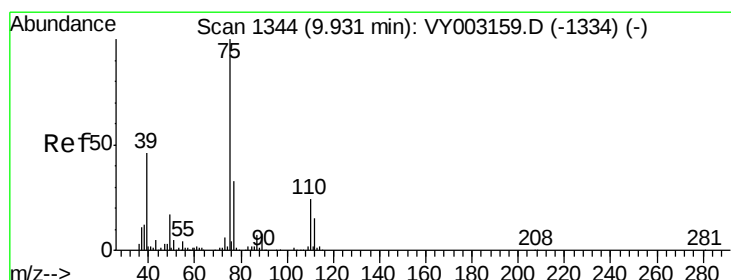
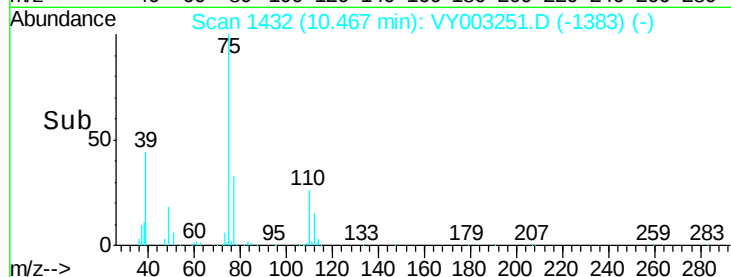
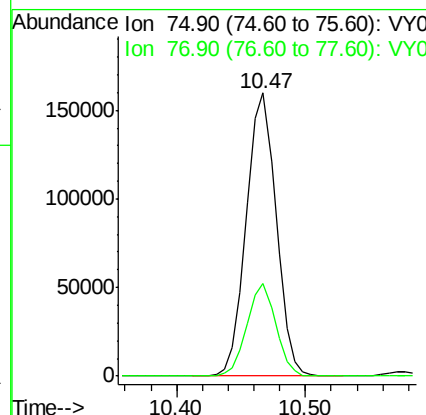
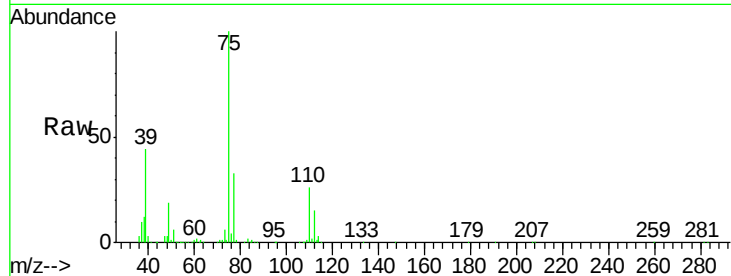
#53
 t-1,3-Dichloropropene
 Concen: 54.245 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 255668
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.2 37.8

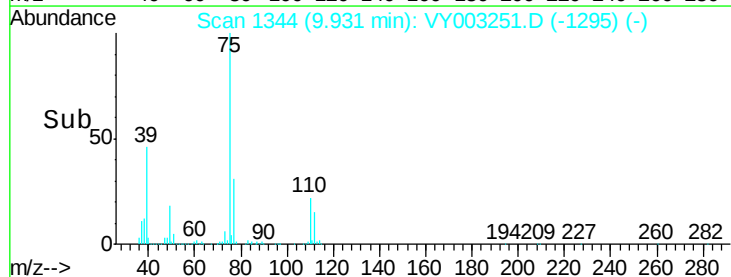
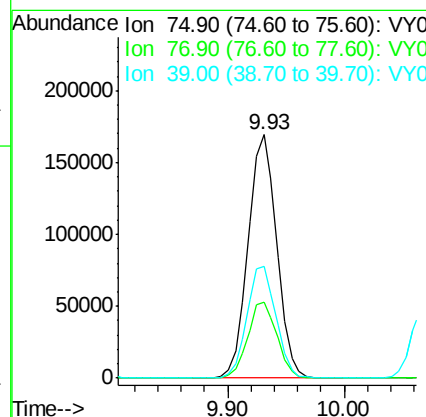
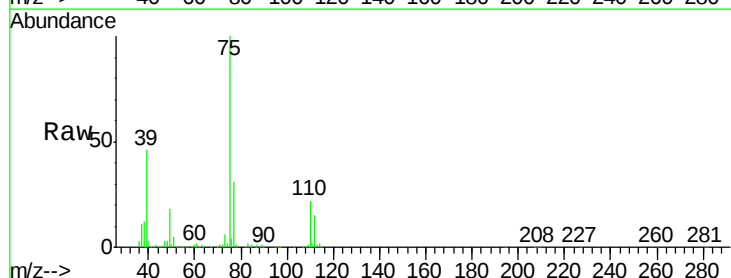
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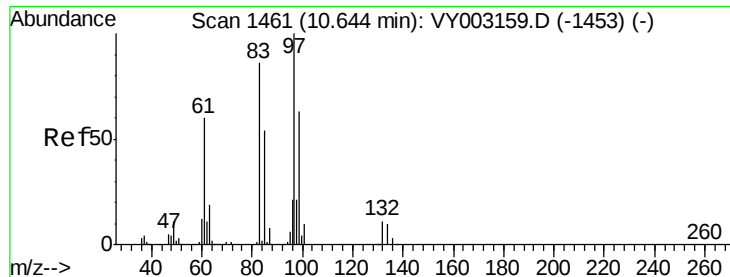
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#54
 cis-1,3-Dichloropropene
 Concen: 53.504 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion: 75 Resp: 290558
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.7 40.1
 39 45.8 37.0 55.6





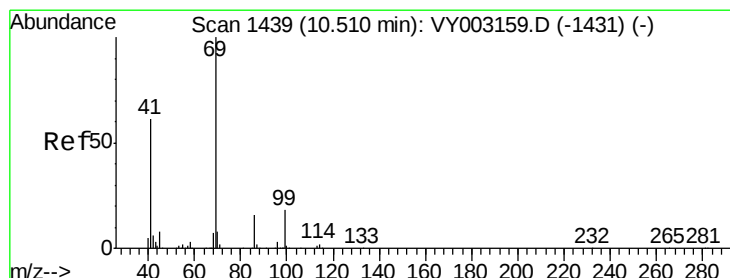
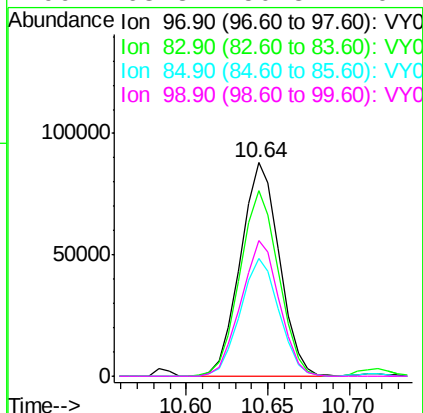
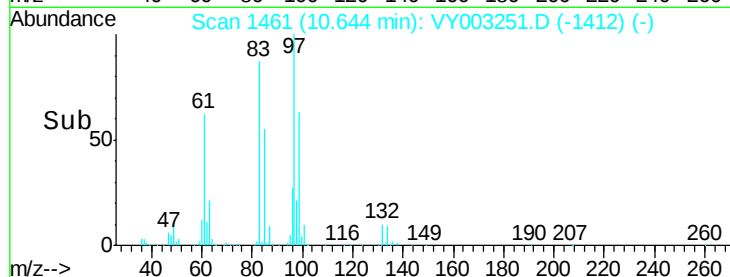
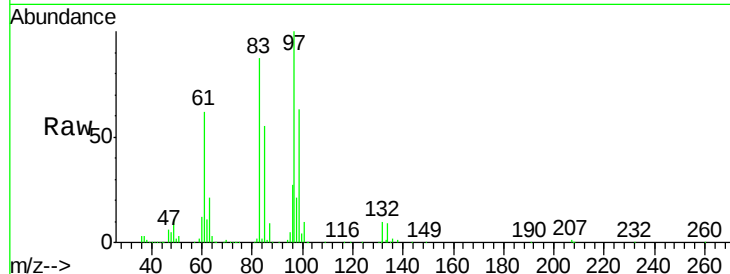
#55
 1,1,2-Trichloroethane
 Concen: 54.214 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	146940
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.8	103.2
85	54.9	43.1	64.7
99	63.3	50.8	76.2

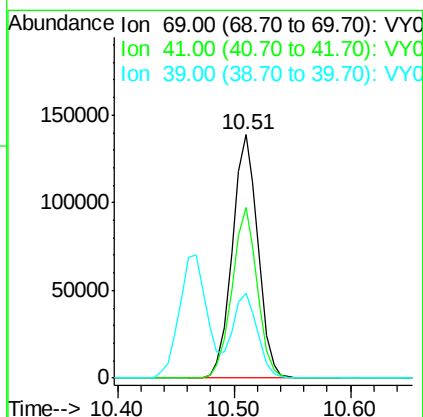
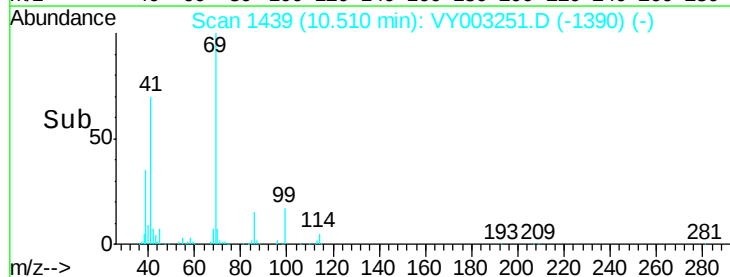
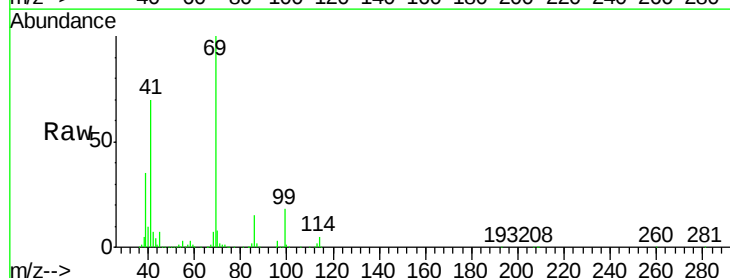
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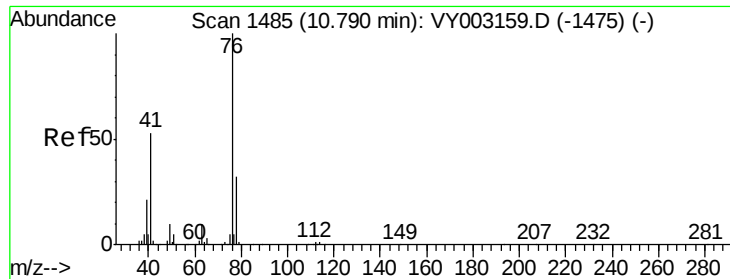
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 7/21/2020 4:58:54 PM



#56
 Ethyl methacrylate
 Concen: 57.637 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion:	69	Resp:	212386
Ion	Ratio	Lower	Upper
69	100		
41	68.5	50.0	75.0
39	32.8	27.6	41.4





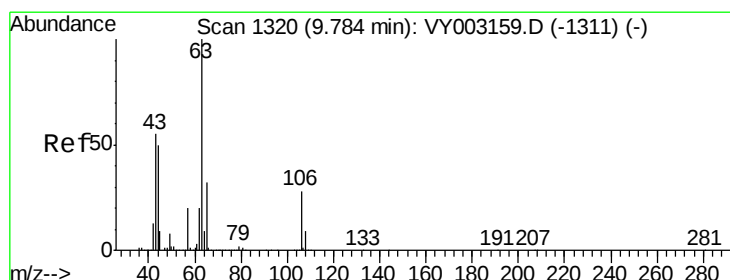
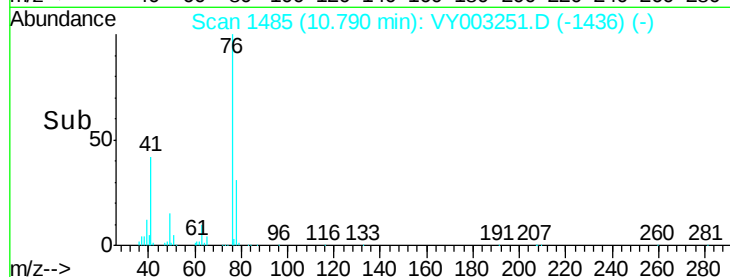
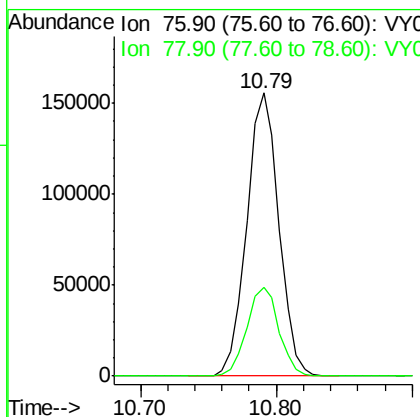
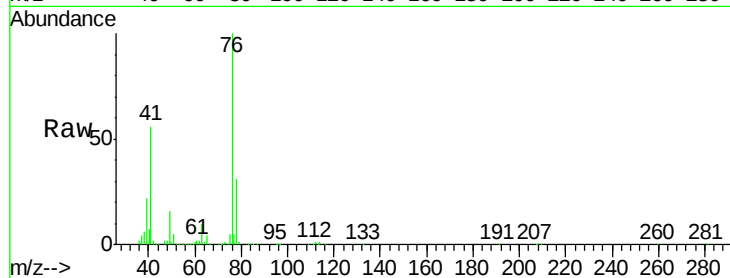
#57
 1,3-Dichloropropane
 Concen: 55.868 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 256748
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.0 39.0

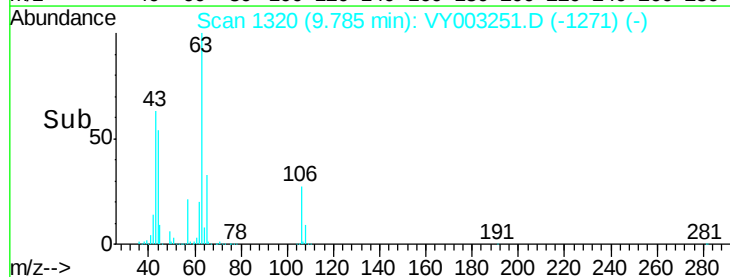
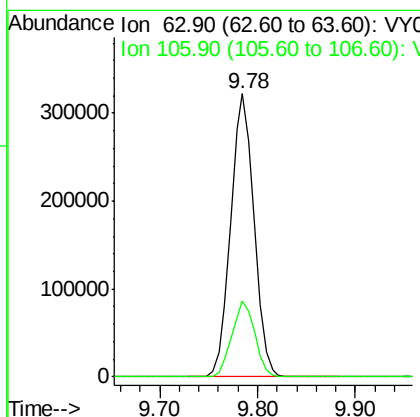
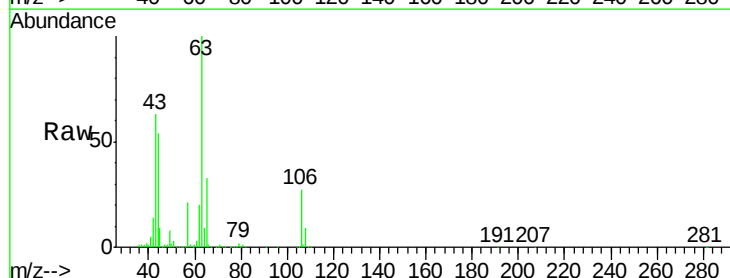
Manual Integrations
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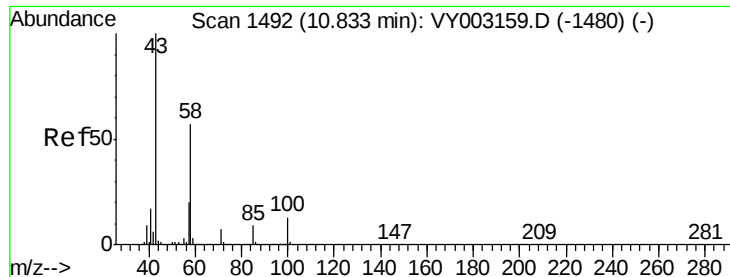
MMDadoda
 7/21/2020 4:58:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.863 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion: 63 Resp: 531580
 Ion Ratio Lower Upper
 63 100
 106 26.5 22.9 34.3





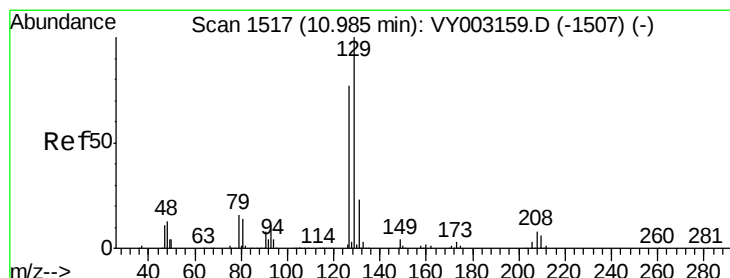
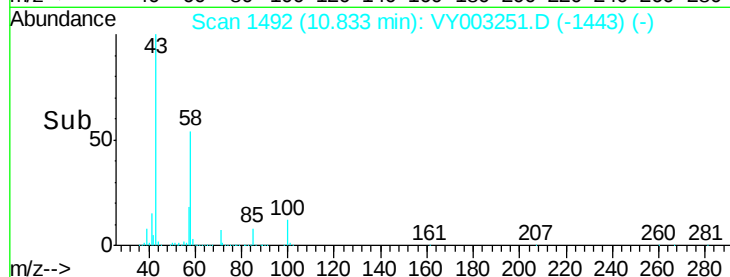
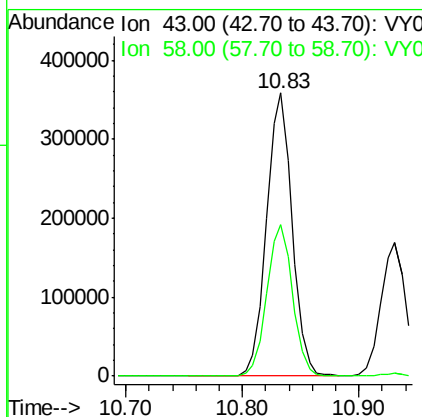
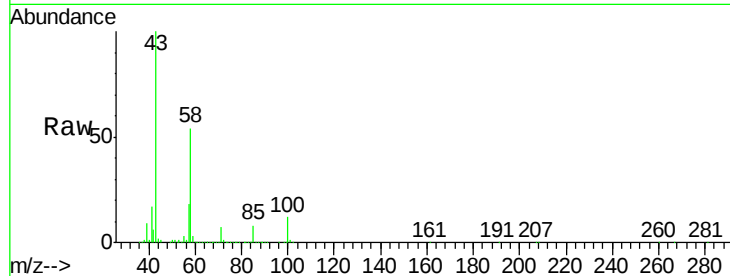
#59
2-Hexanone
Concen: 314.303 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 546403
Ion Ratio Lower Upper
43 100
58 54.0 28.3 85.0

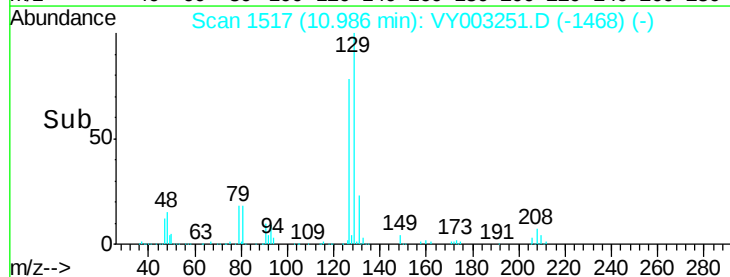
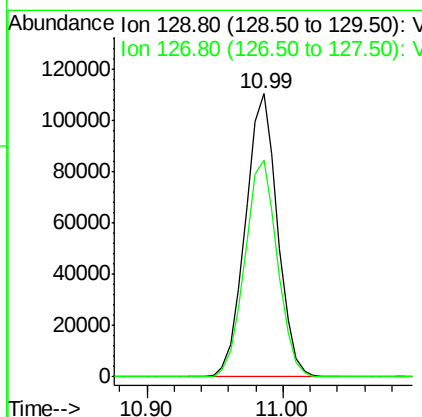
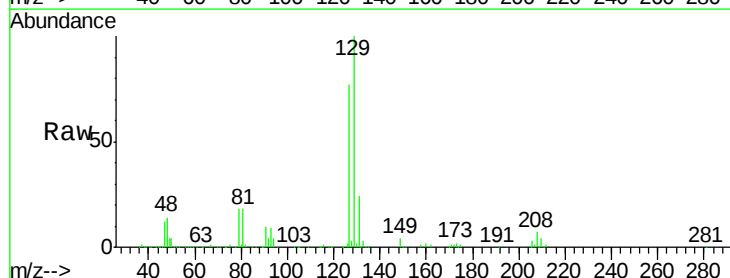
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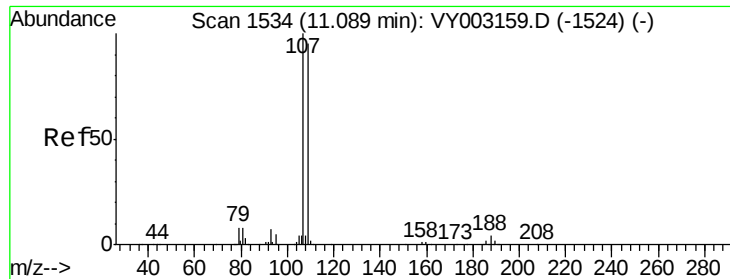
MMDadoda
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#60
Dibromochloromethane
Concen: 53.519 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 129 Resp: 182446
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





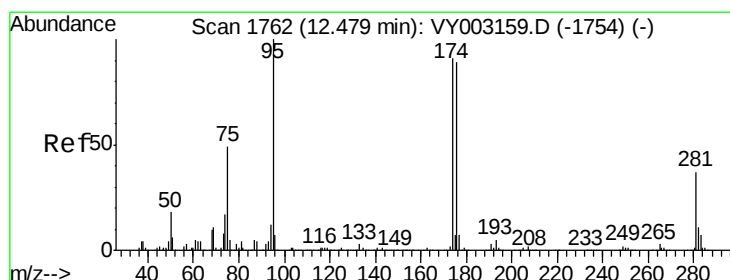
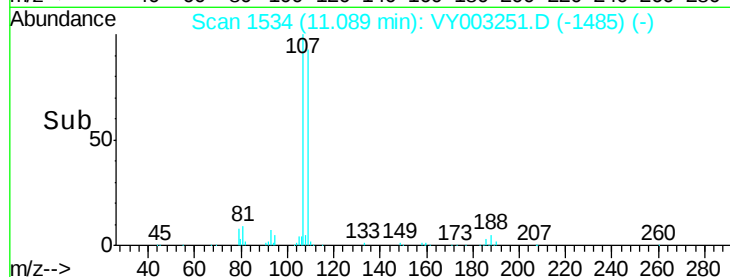
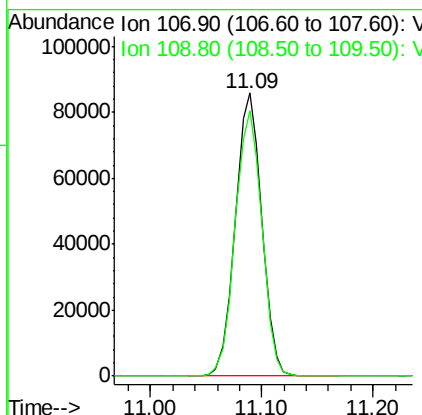
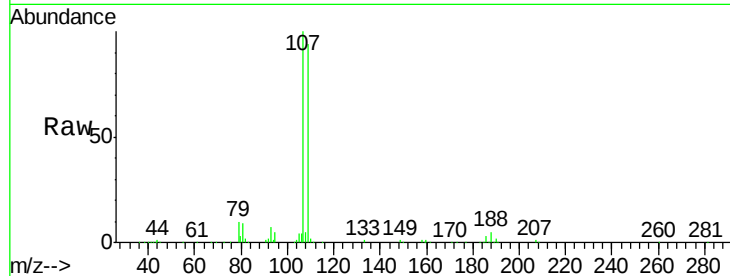
#61
 1,2-Dibromoethane
 Concen: 52.571 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.6	113.4

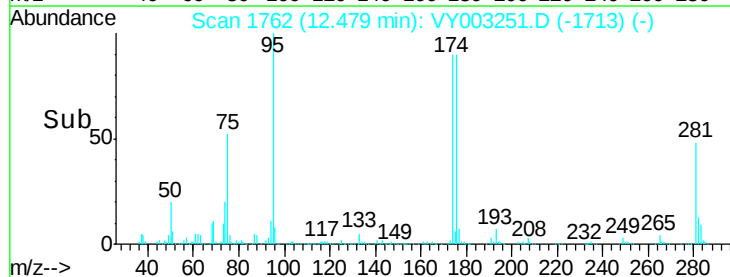
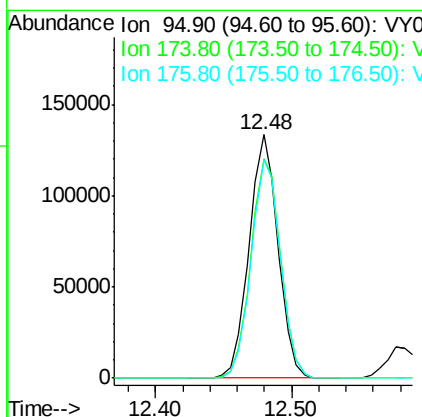
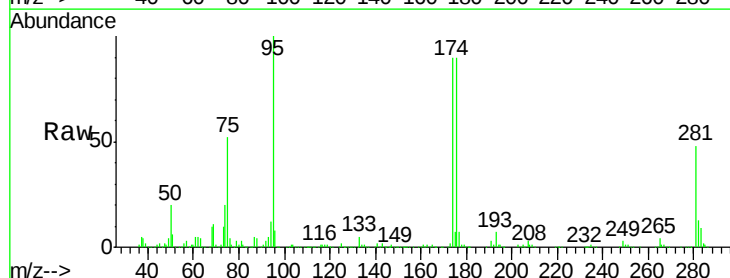
Manual Integrations
 APPROVED

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 7/21/2020 4:58:54 PM



#62
 4-Bromofluorobenzene
 Concen: 50.815 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	190.6
176	91.1	0.0	186.4





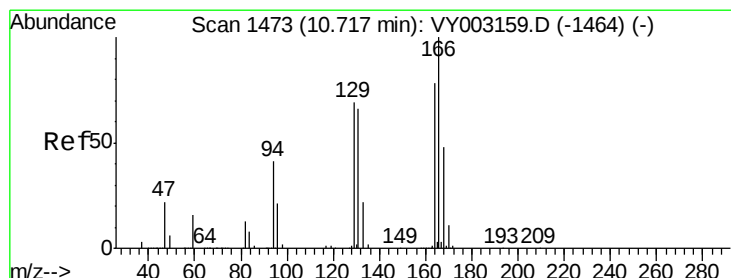
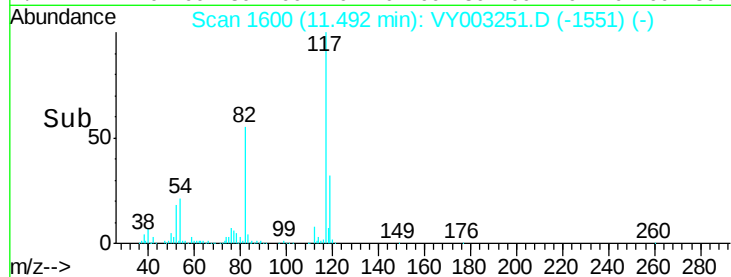
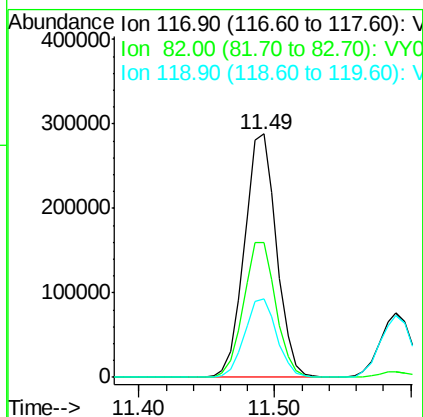
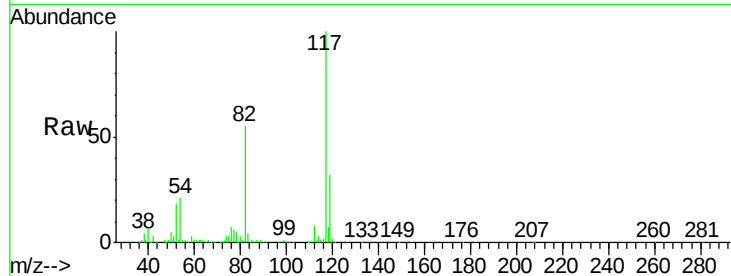
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.0	63.0
119	32.4	25.5	38.3

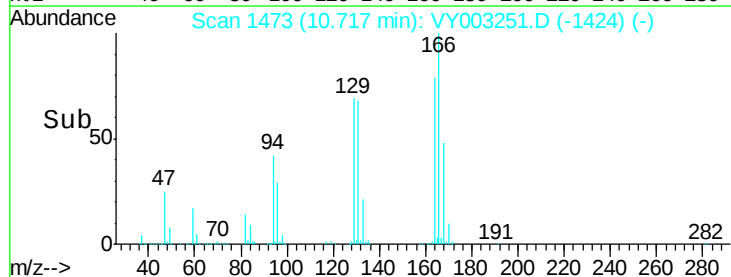
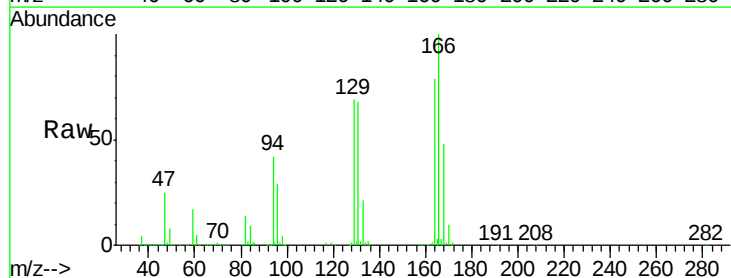
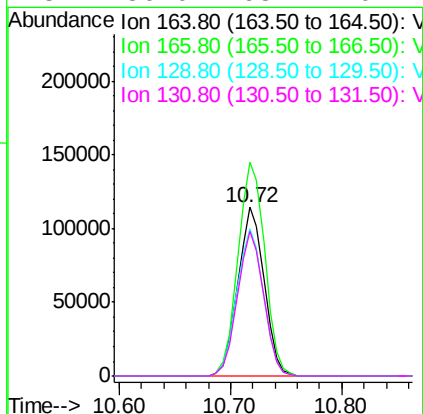
Manual Integrations
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#64
Tetrachloroethene
Concen: 44.313 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.9	154.3
129	87.1	71.4	107.2
131	86.0	68.1	102.1





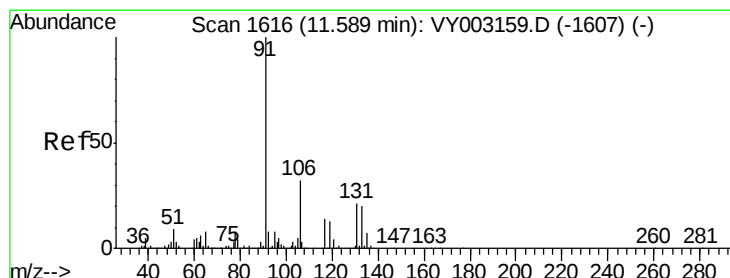
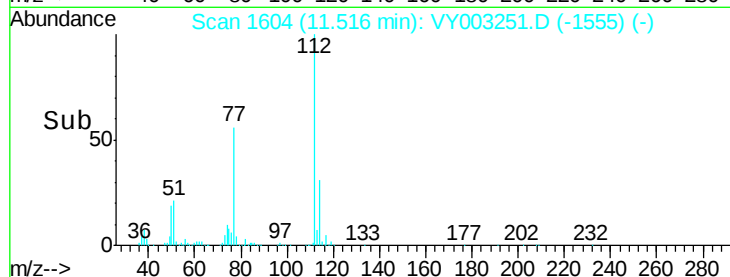
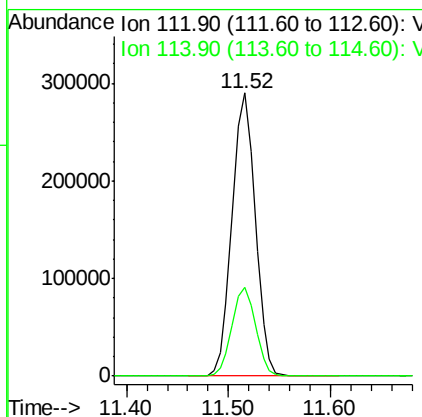
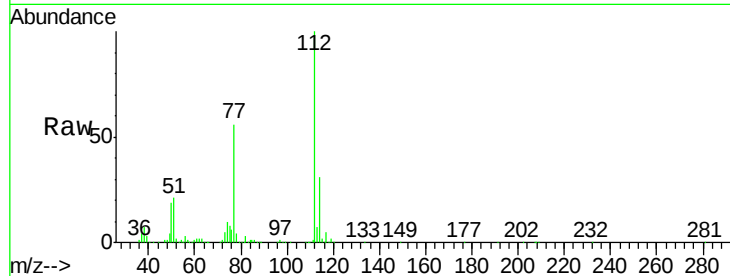
#65
Chlorobenzene
Concen: 49.997 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 456799
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1

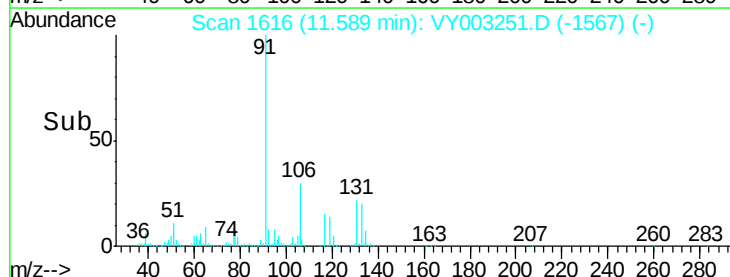
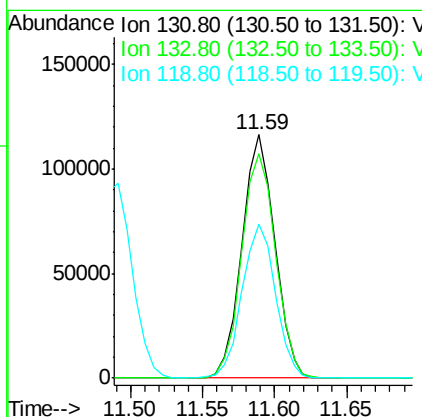
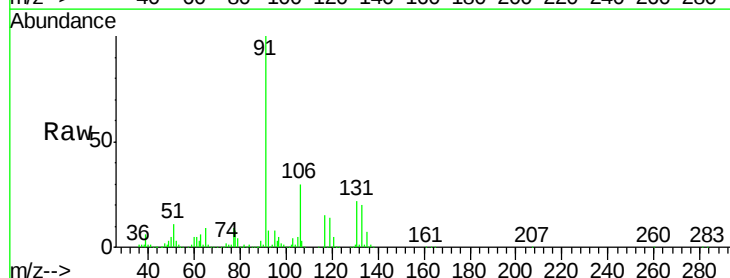
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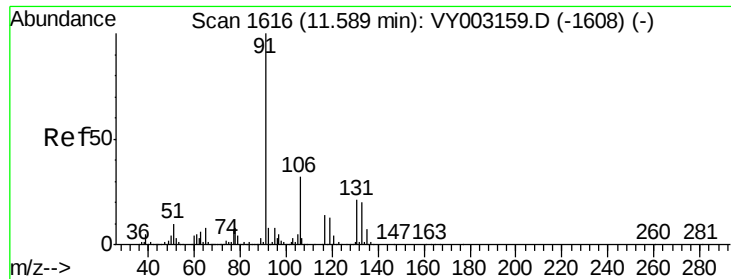
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.927 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion:131 Resp: 184266
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 64.1 32.4 97.0





#67

Ethyl Benzene

Concen: 50.693 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 826959

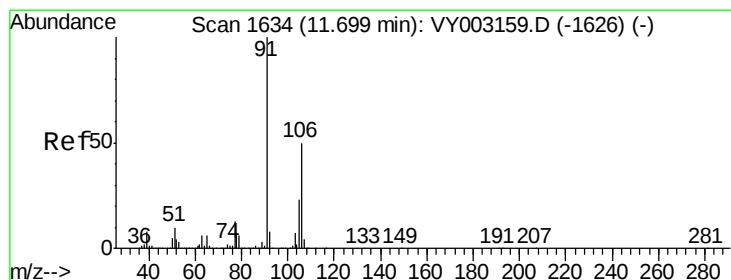
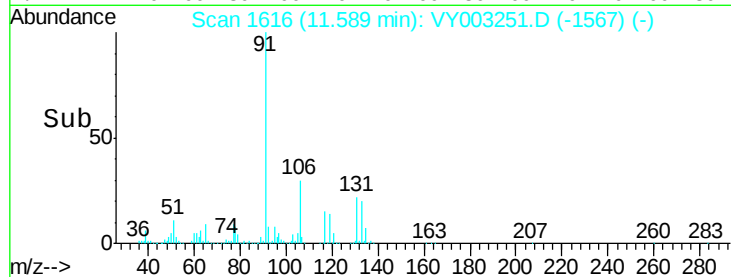
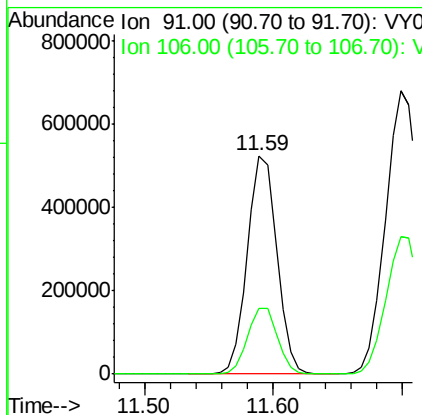
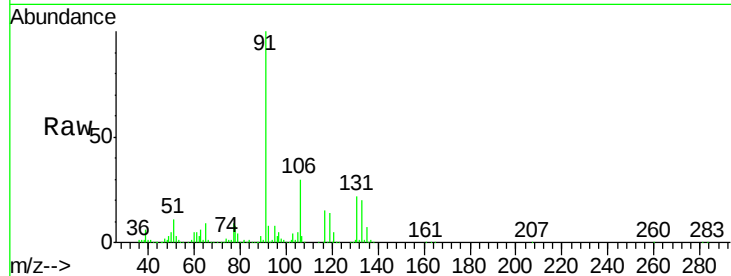
Ion Ratio Lower Upper

91 100

106 30.3 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 98.392 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003251.D

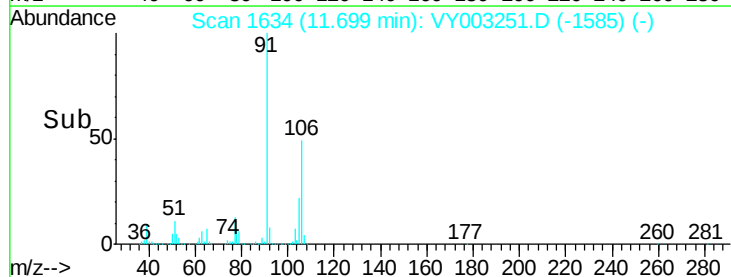
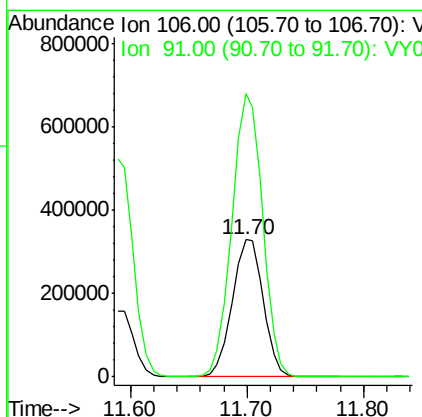
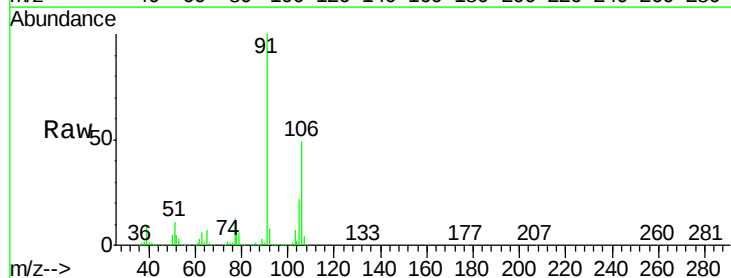
Acq: 20 Jul 2020 22:43

Tgt Ion: 106 Resp: 609016

Ion Ratio Lower Upper

106 100

91 204.5 159.0 238.6





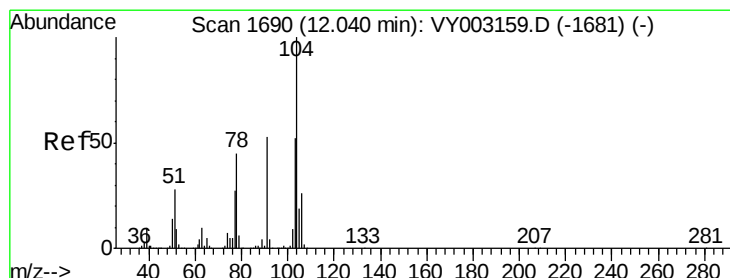
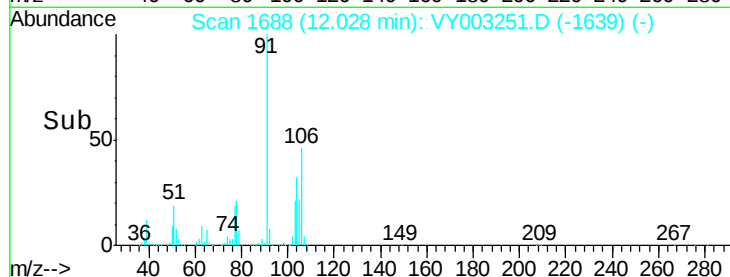
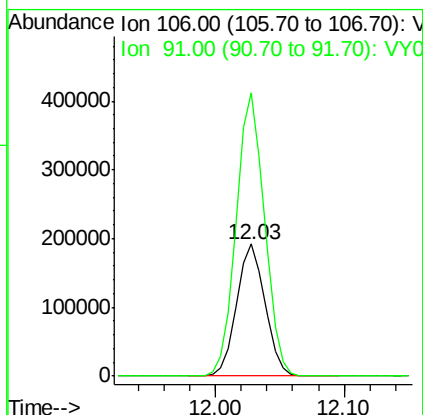
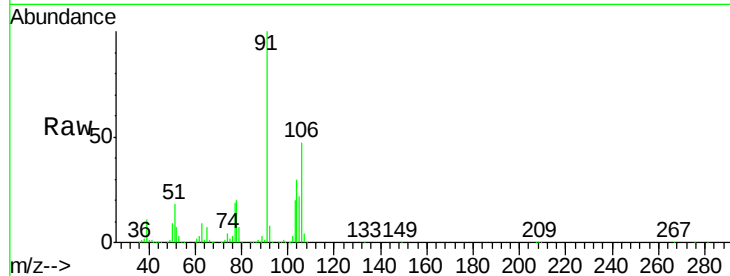
#69
o-Xylene
Concen: 50.691 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.4	105.1	315.1	

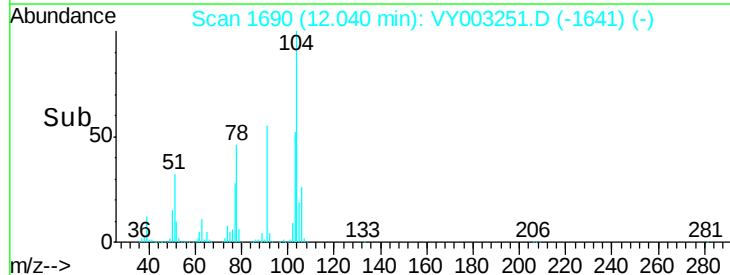
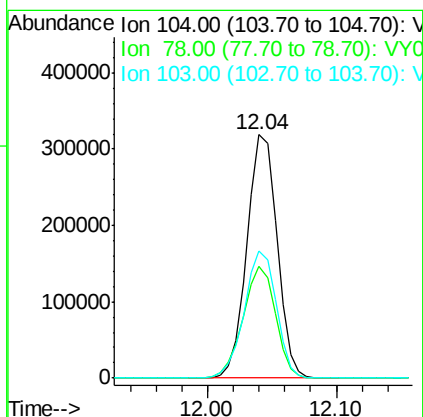
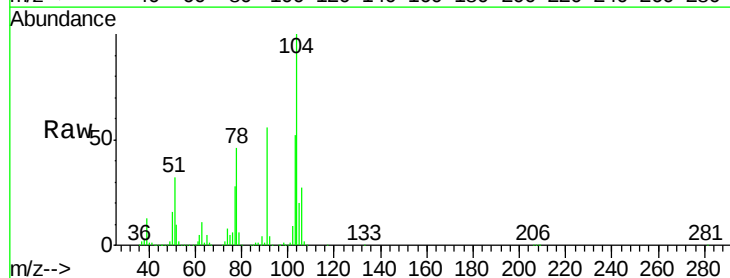
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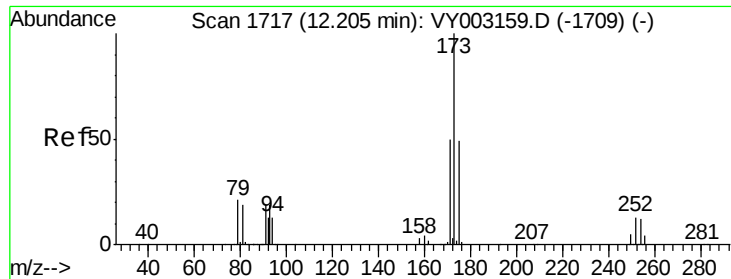
MMDadoda
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#70
Styrene
Concen: 51.981 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.7	38.5	57.7	
103	55.6	43.9	65.9	





#71

Bromoform

Concen: 53.178 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

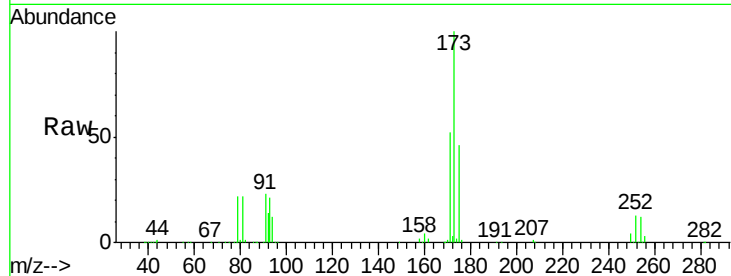
ClientSampleId :

VSTDCCC050EC

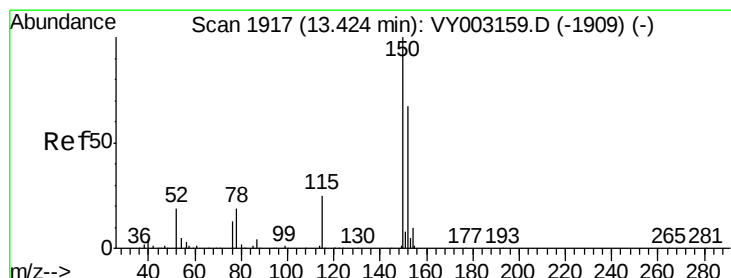
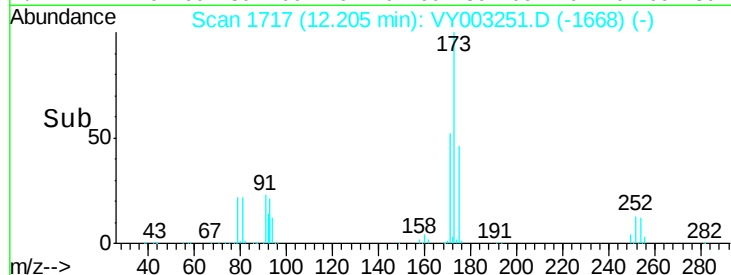
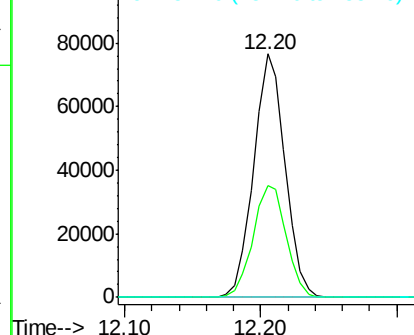
Tot Ion:	173	Resp:	123853
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	73.0
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

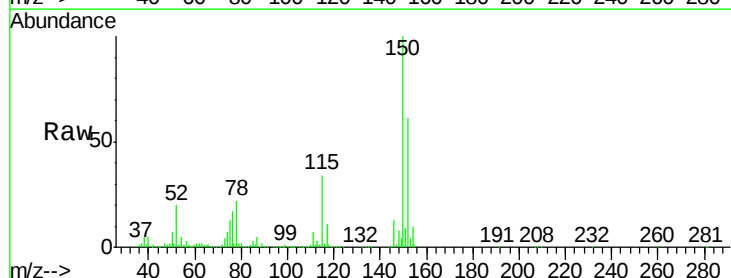
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

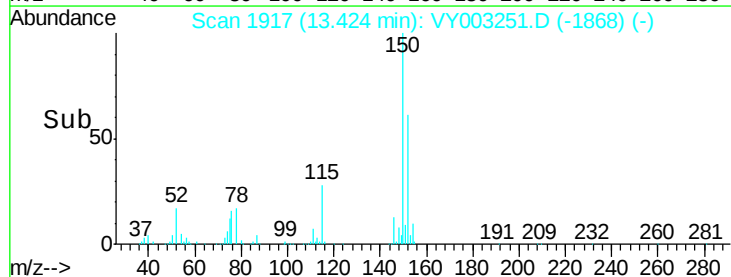
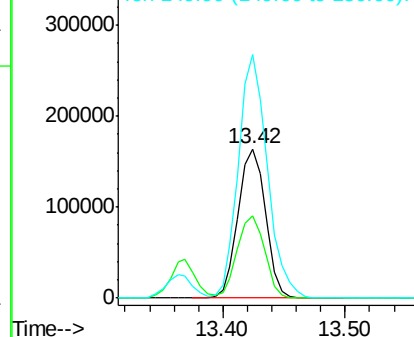
Lab File: VY003251.D

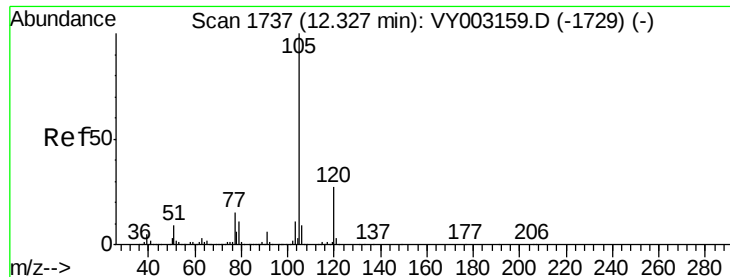
Acq: 20 Jul 2020 22:43

Tgt Ion:	152	Resp:	254509
Ion Ratio	Lower	Upper	
152	100		
115	55.3	26.9	80.7
150	172.8	0.0	338.0



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





#73

Isopropylbenzene

Concen: 48.879 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 792770

Ion Ratio Lower Upper

105 100

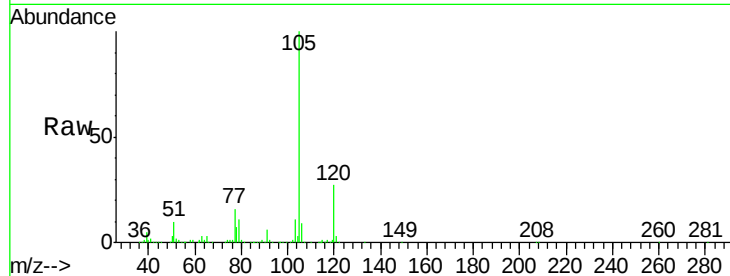
120 27.3 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

500000

400000

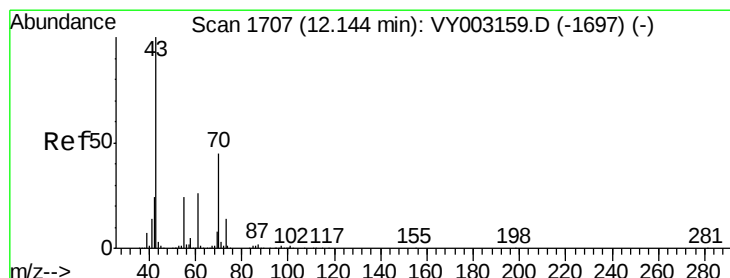
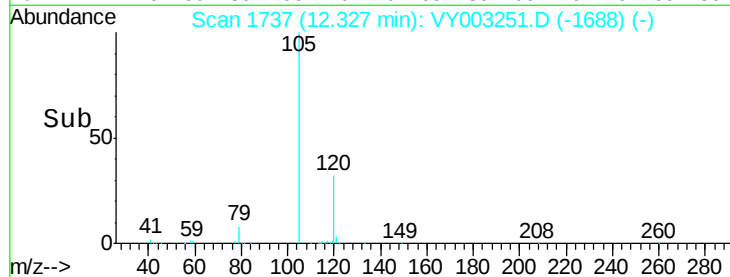
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 59.835 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion: 43 Resp: 272299

Ion Ratio Lower Upper

43 100

70 41.6 35.6 53.4

55 22.9 19.4 29.2

61 24.1 20.8 31.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

300000

250000

200000

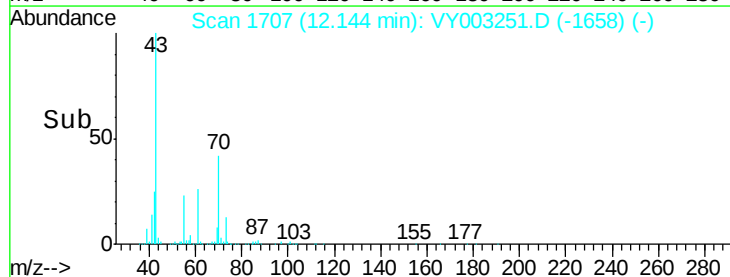
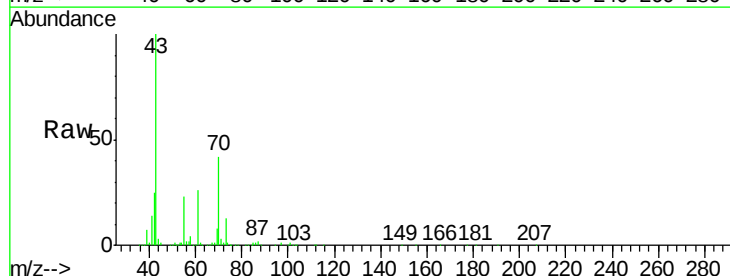
150000

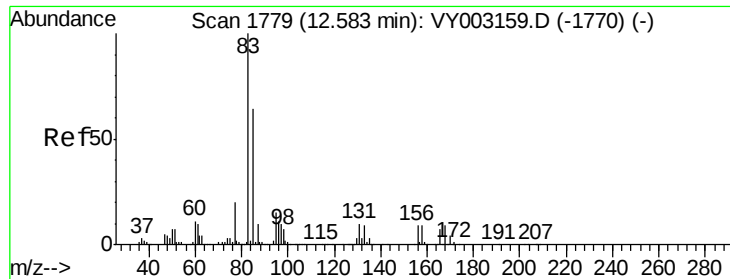
100000

50000

0

Time-->





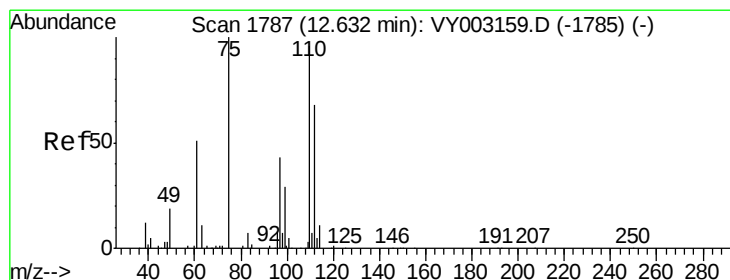
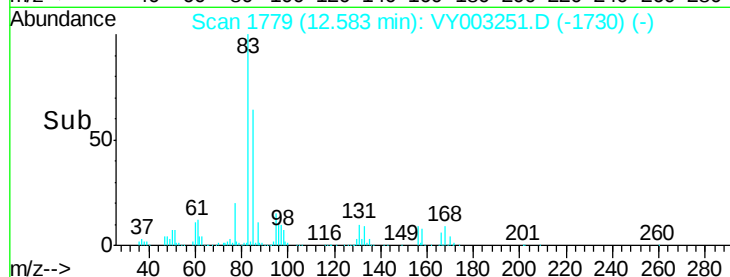
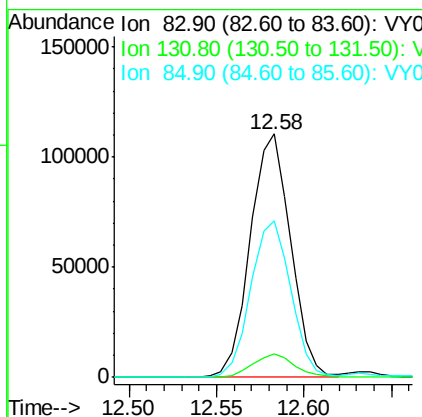
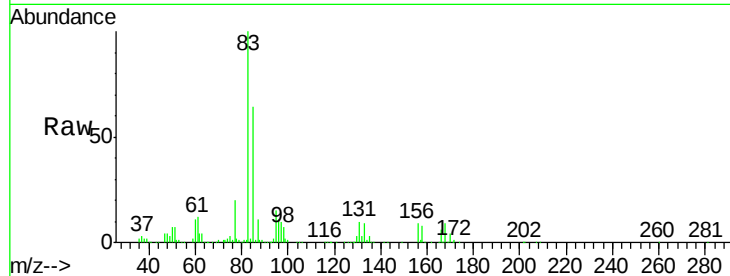
#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.566 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	177192		
131	10.2	5.2	15.6	
85	64.0	32.0	96.0	

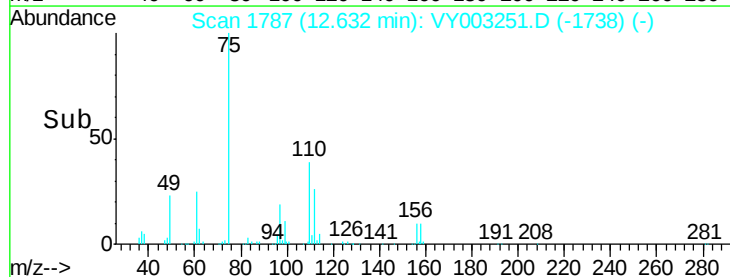
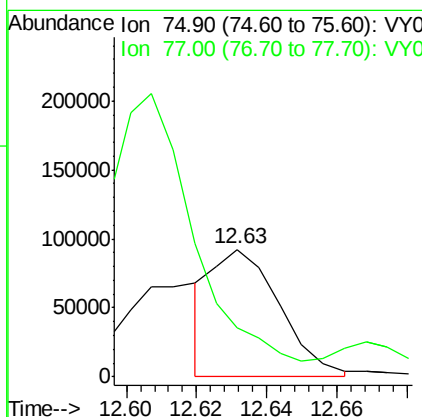
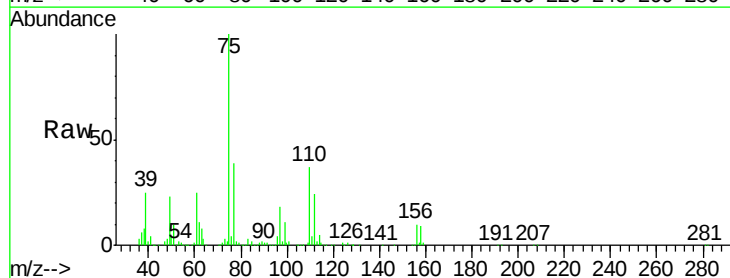
Manual Integrations
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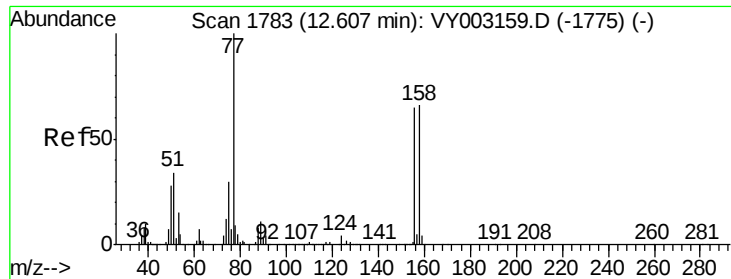
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 55.250 ug/l m
 RT: 12.63 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	124469		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 50.628 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

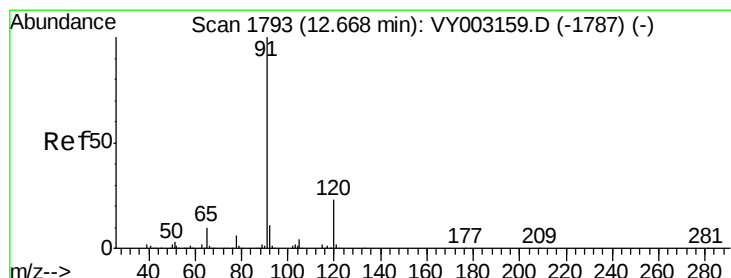
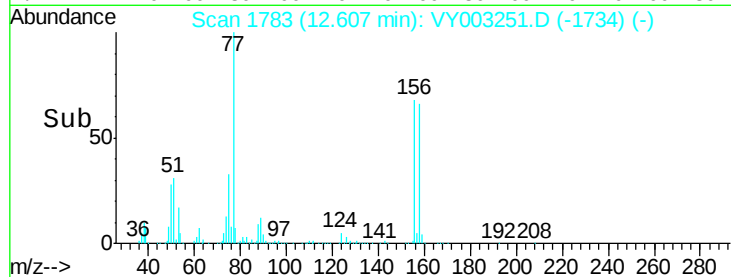
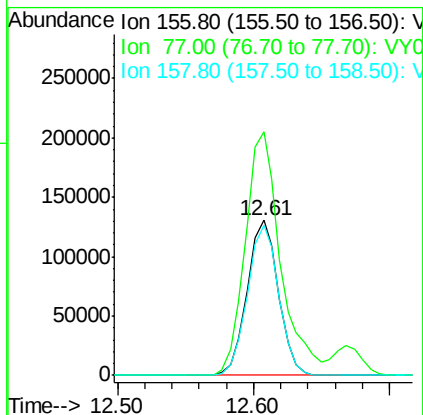
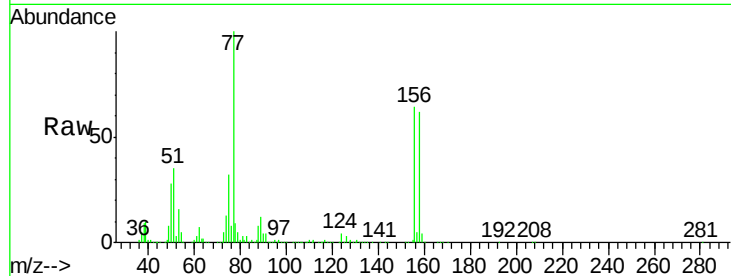
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	209309
Ion Ratio	Lower	Upper	
156	100		
77	178.5	86.6	259.7
158	96.9	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 49.624 ug/l

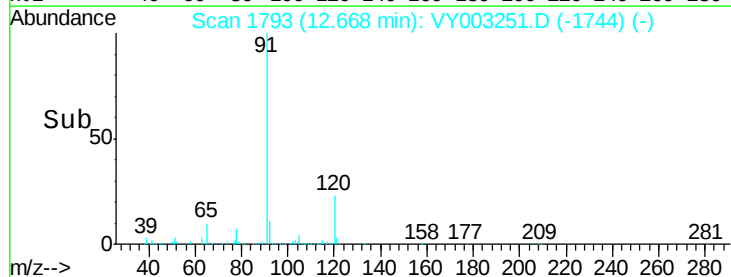
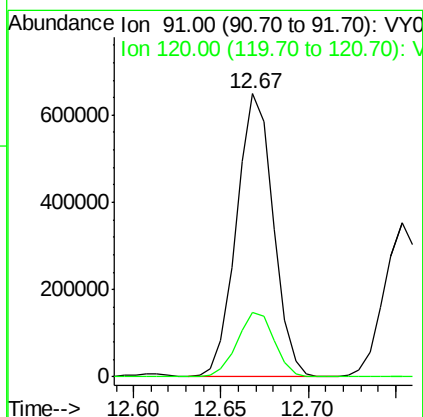
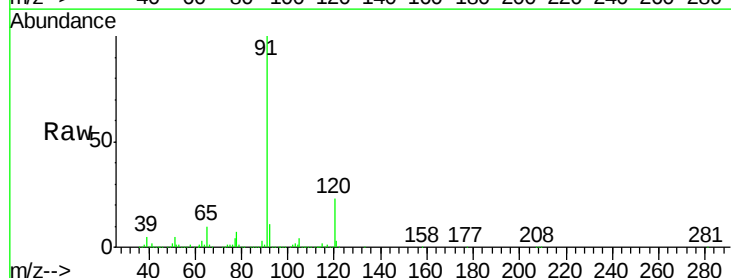
RT: 12.67 min Scan# 1793

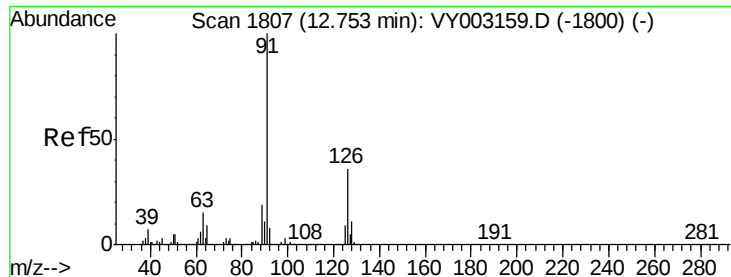
Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion:	91	Resp:	948725
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.1





#79

2-Chlorotoluene

Concen: 50.561 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 539320

Ion Ratio Lower Upper

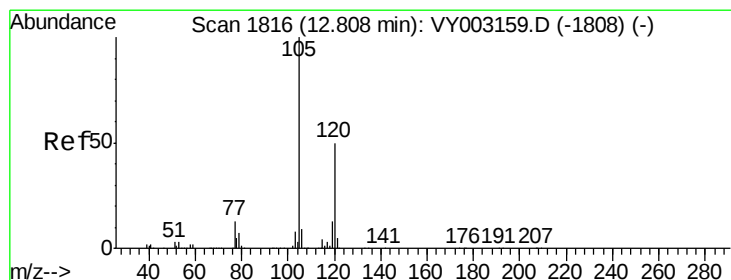
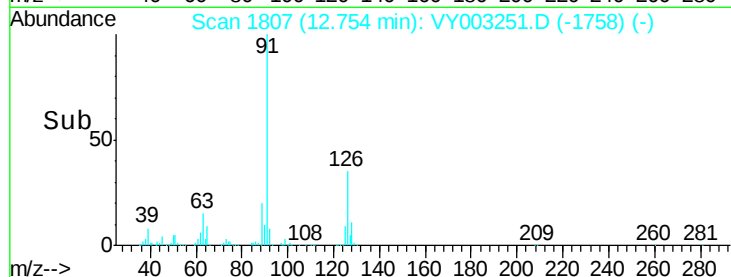
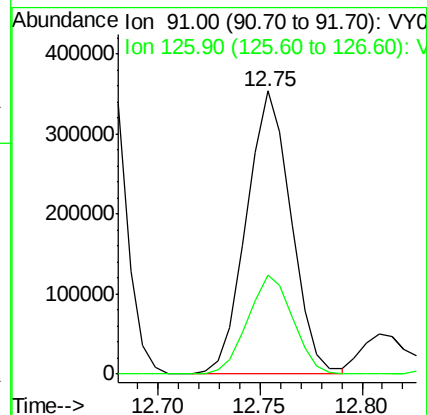
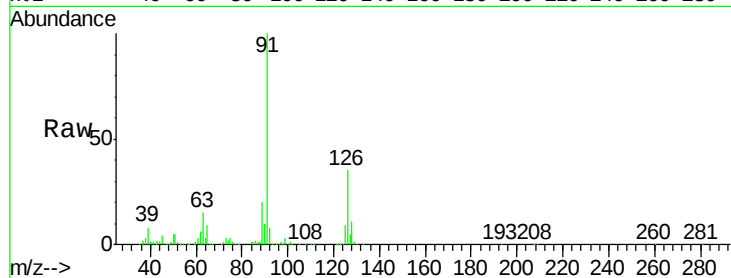
91 100

126 35.3 17.6 52.9

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 49.920 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003251.D

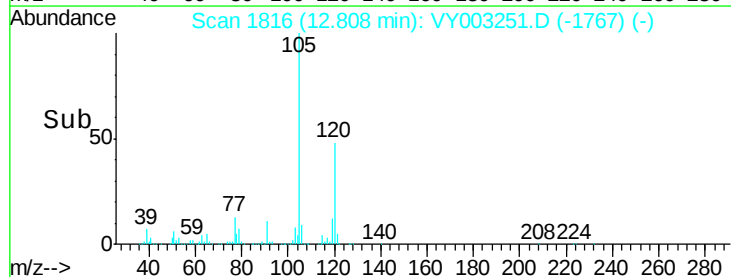
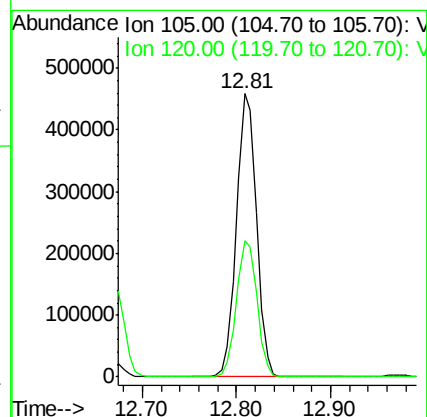
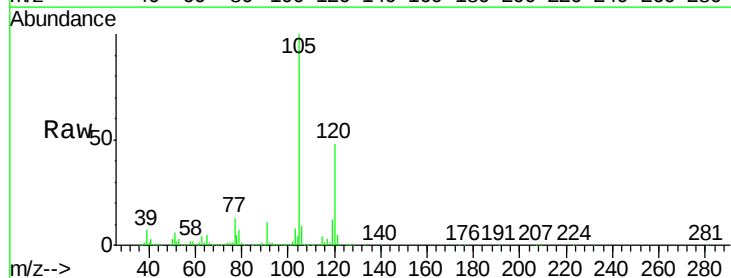
Acq: 20 Jul 2020 22:43

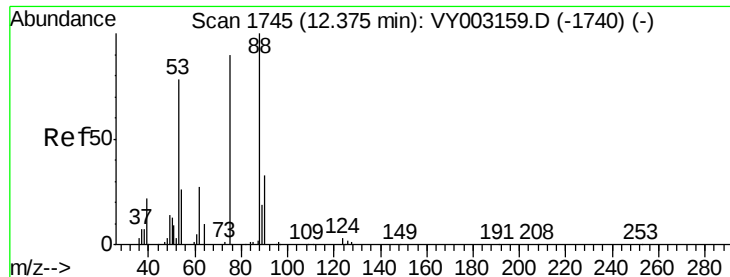
Tgt Ion: 105 Resp: 674813

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6





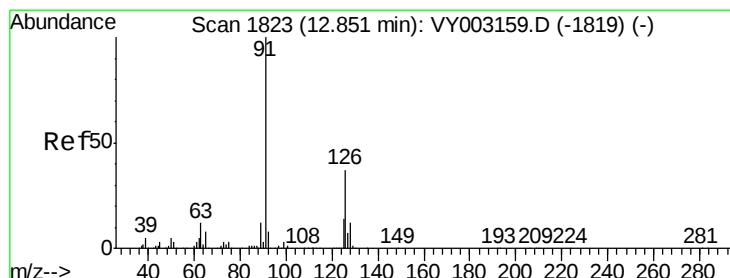
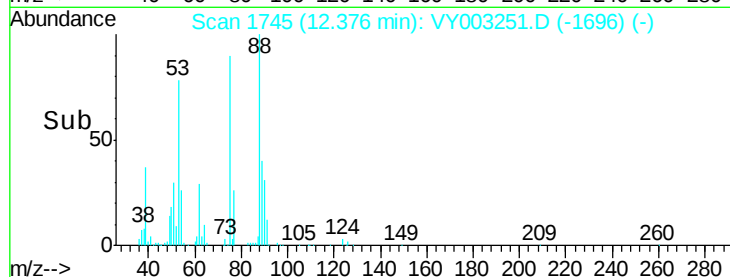
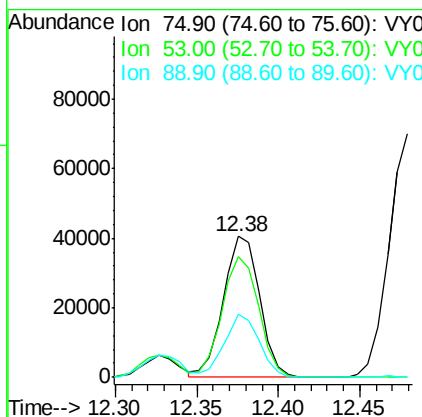
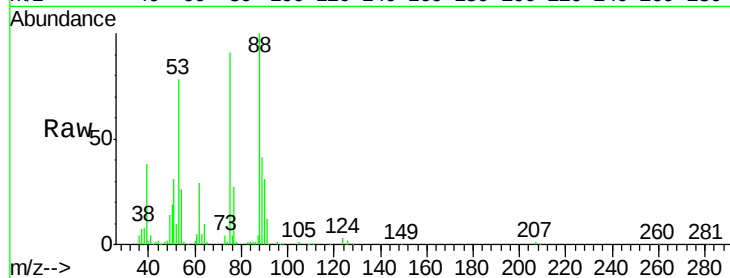
#81
trans-1,4-Dichloro-2-butene
Concen: 54.464 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.8	72.0	108.0
89	42.9	37.3	55.9

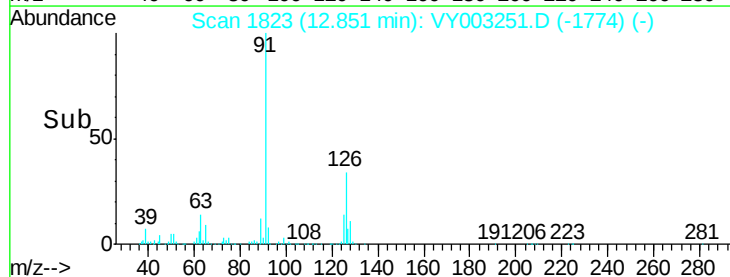
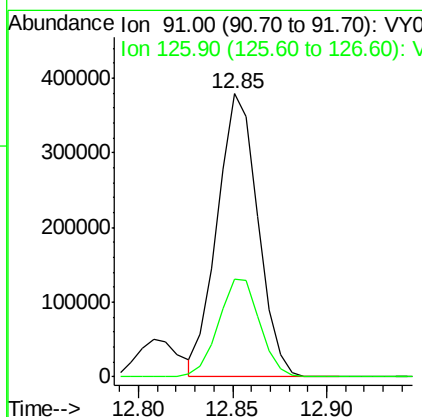
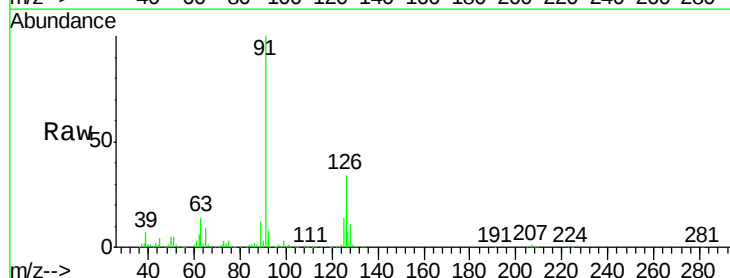
Manual Integrations
APPROVED

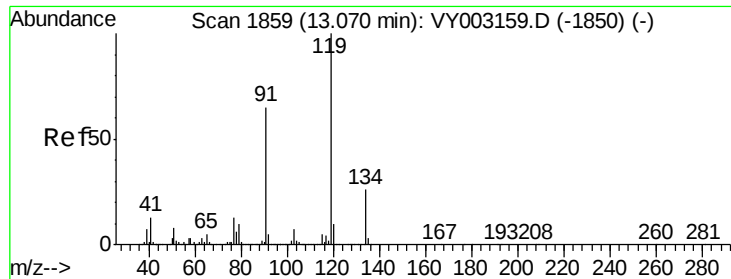
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#82
4-Chlorotoluene
Concen: 50.889 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.9	53.7





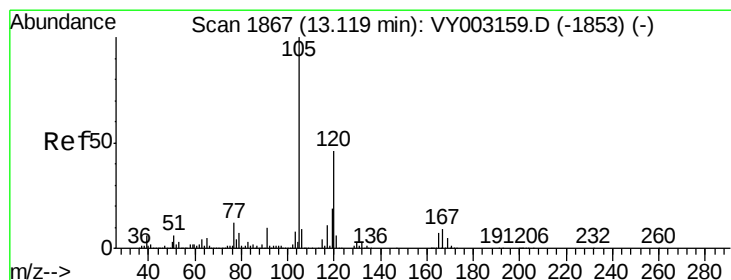
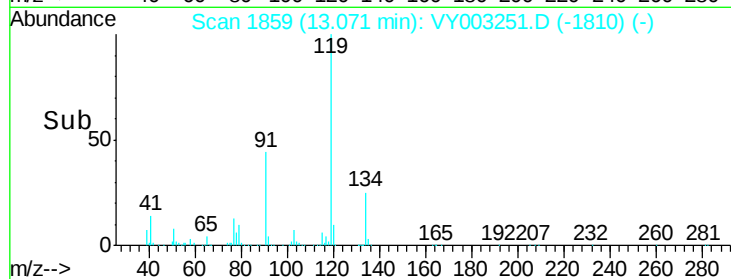
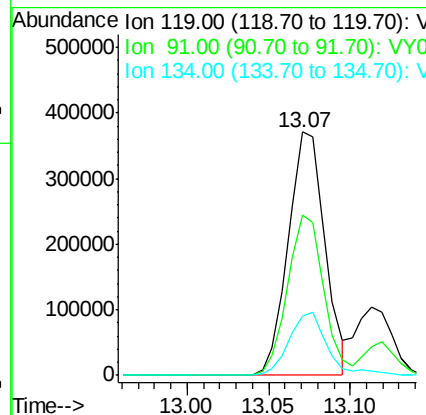
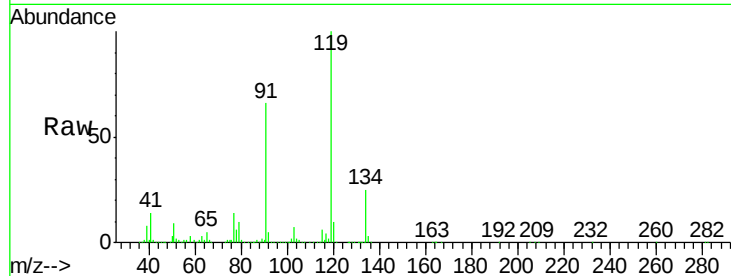
#83
tert-Butylbenzene
Concen: 48.632 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.9	30.8	92.4
134	27.0	13.2	39.6

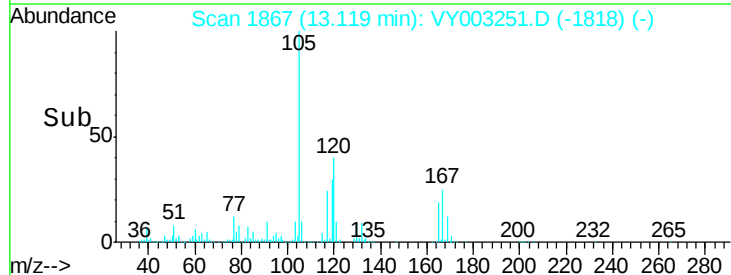
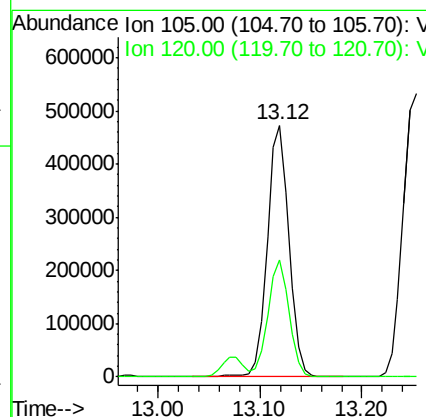
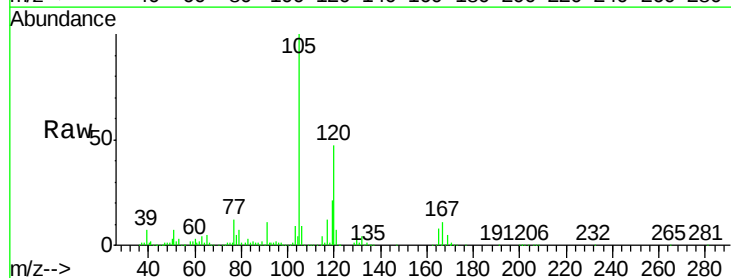
Manual Integrations
APPROVED

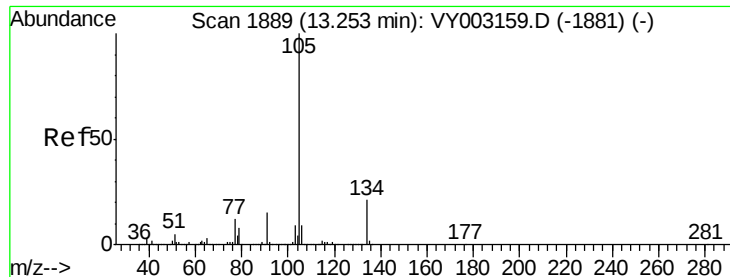
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#84
1,2,4-Trimethylbenzene
Concen: 51.213 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.5	67.5





#85

sec-Butylbenzene

Concen: 49.224 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 806975

Ion Ratio Lower Upper

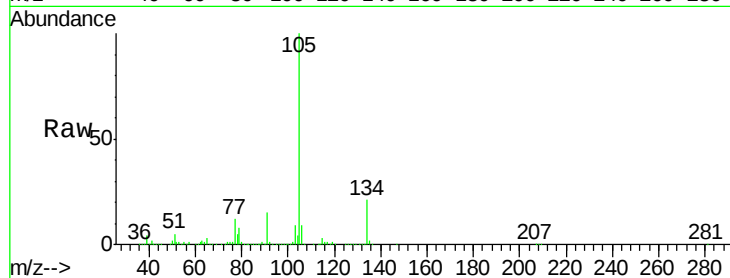
105 100

134 21.0 10.4 31.4

Manual Integrations
APPROVED

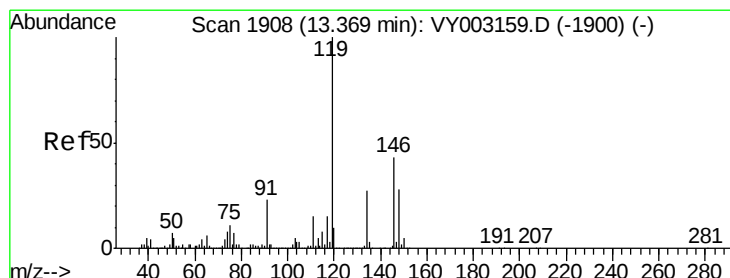
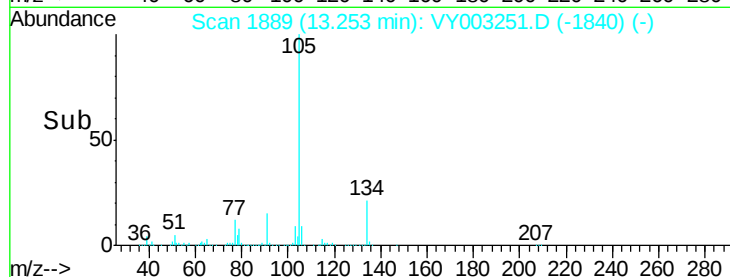
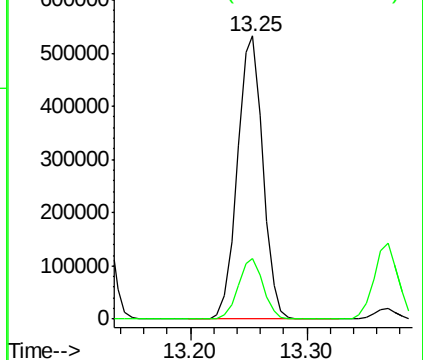
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.603 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

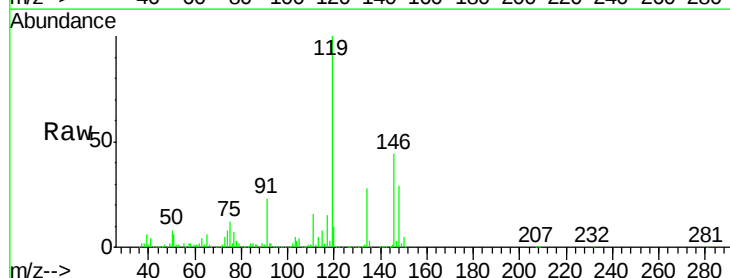
Tgt Ion:119 Resp: 759272

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

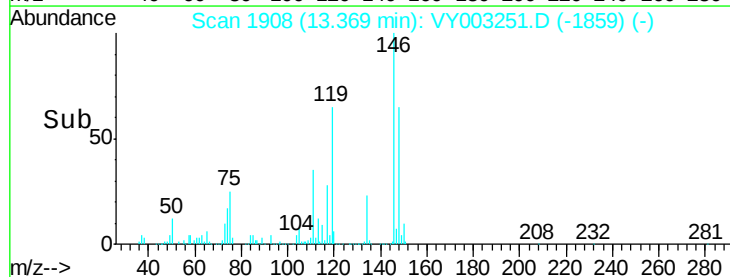
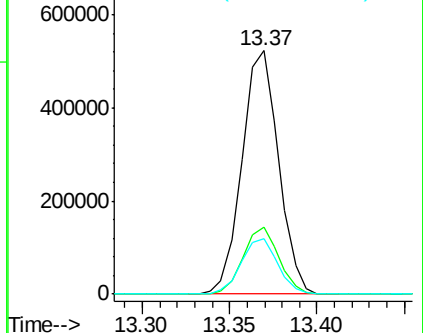
91 22.8 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.450 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

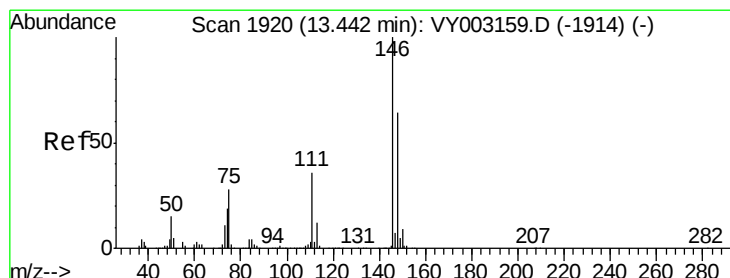
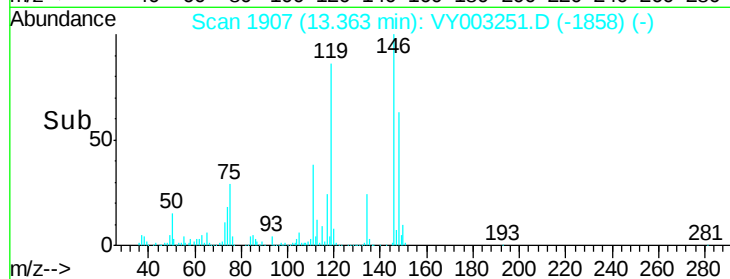
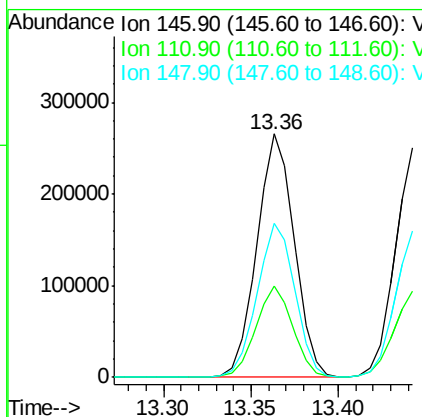
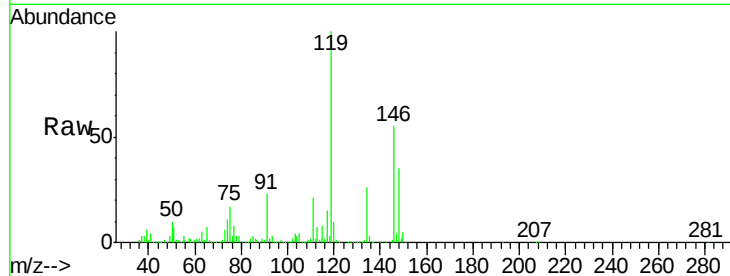
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	63.9	32.3	96.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.867 ug/l

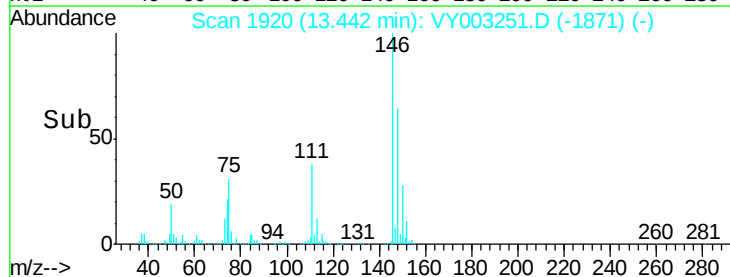
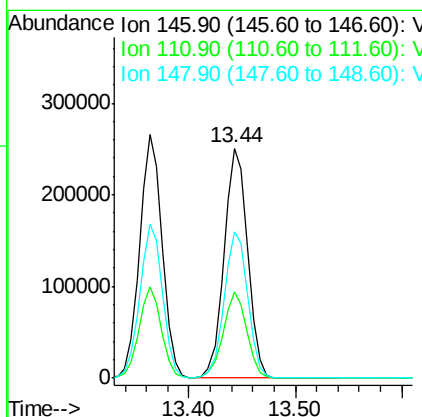
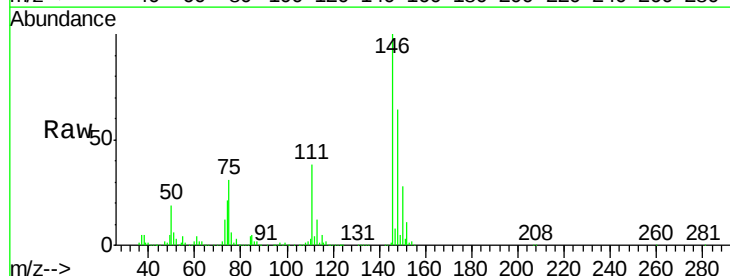
RT: 13.44 min Scan# 1920

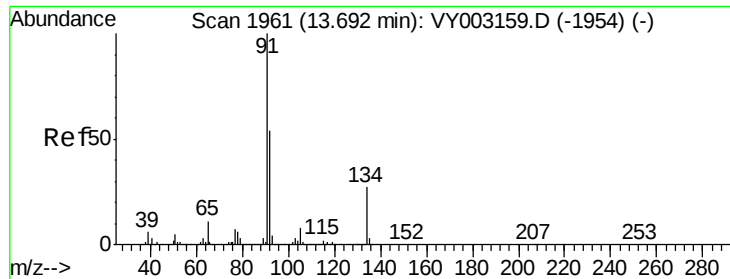
Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	63.9	32.0	96.0





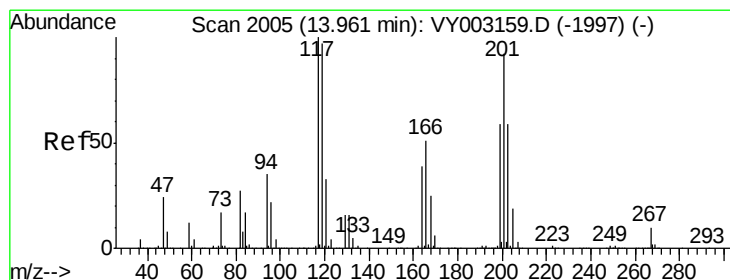
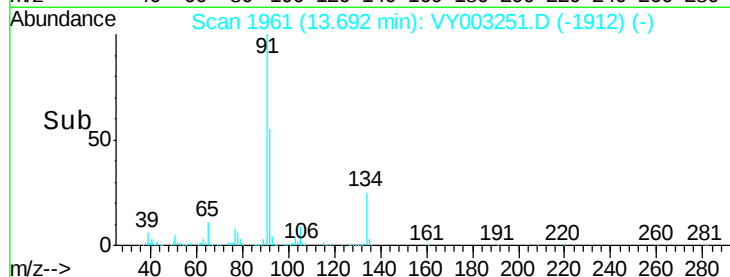
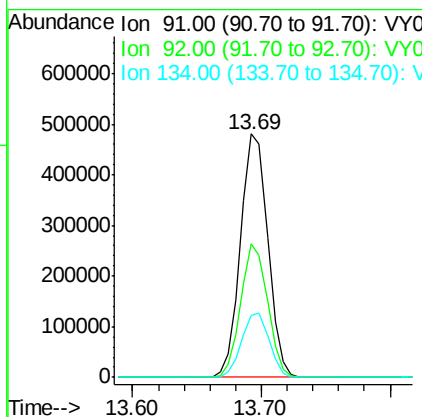
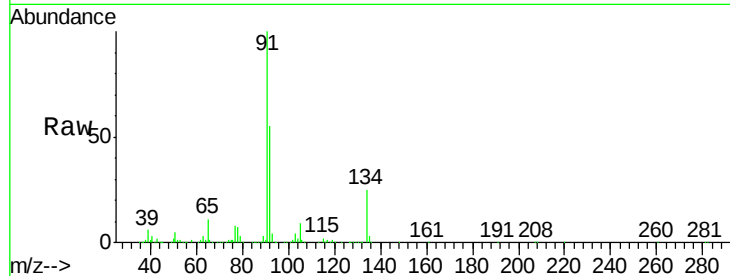
#89
n-Butylbenzene
Concen: 49.022 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.9	80.7
134	26.5	13.6	40.7

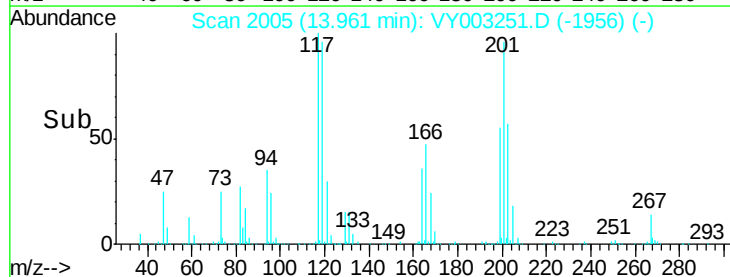
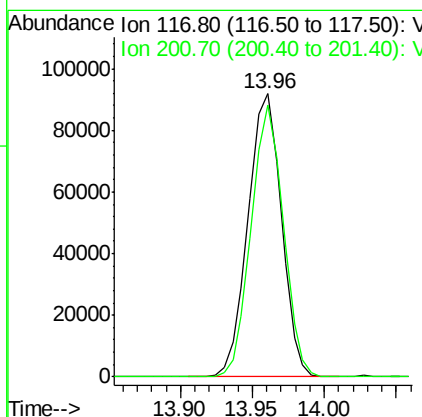
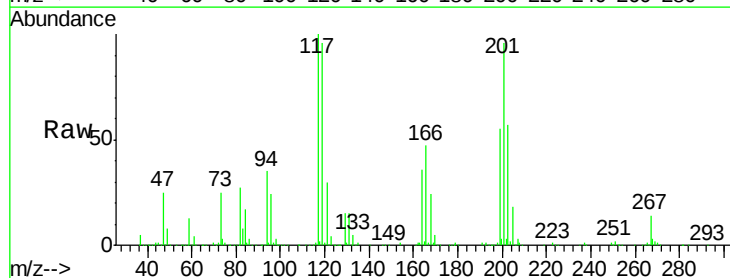
Manual Integrations
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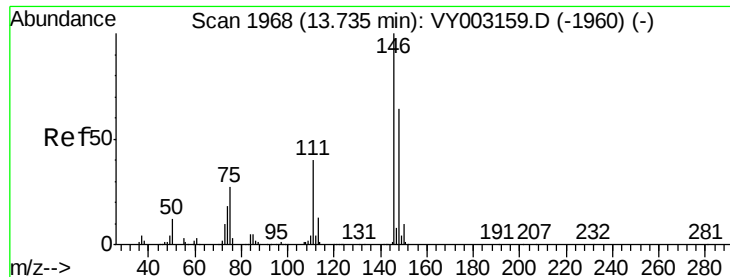
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#90
Hexachloroethane
Concen: 52.836 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.2	45.1	135.3





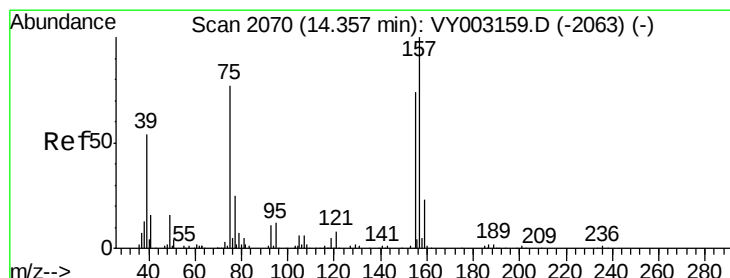
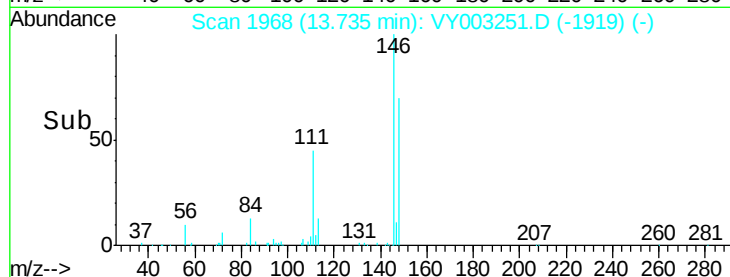
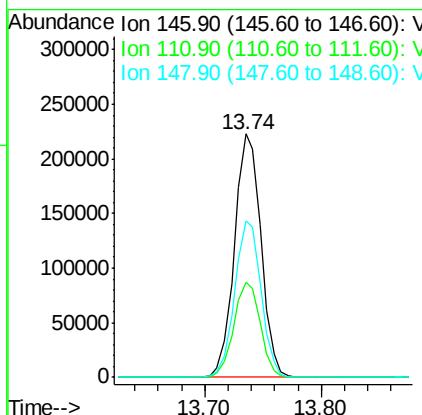
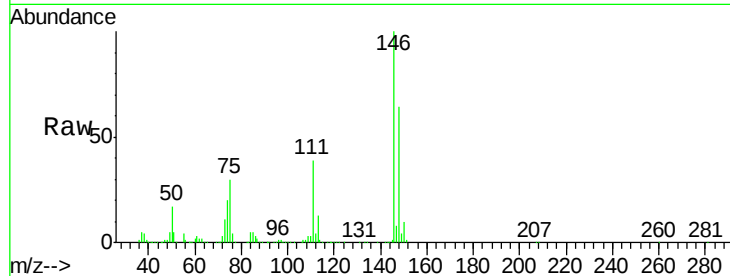
#91
 1,2-Dichlorobenzene
 Concen: 51.396 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.8
148	64.0	32.4	97.0

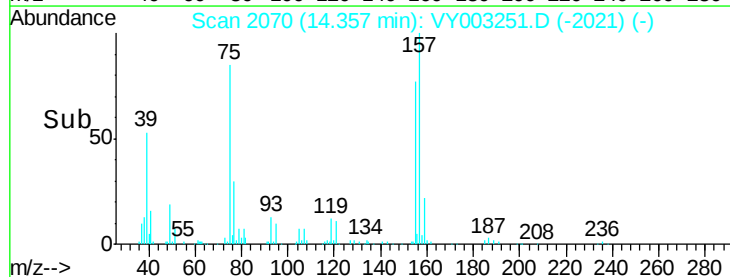
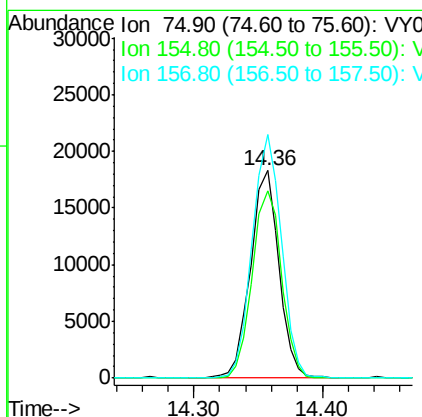
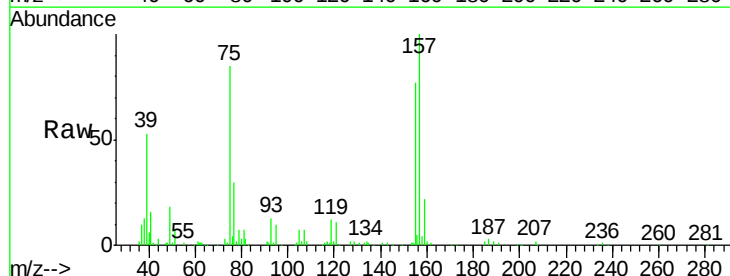
Manual Integrations
 APPROVED

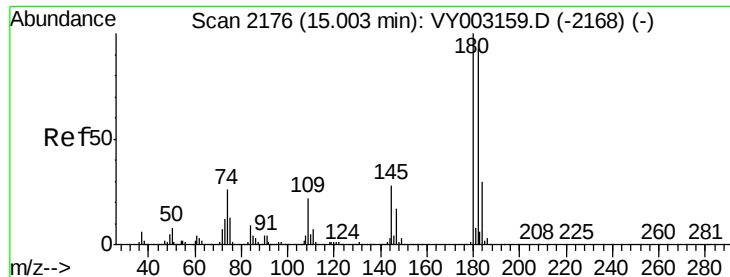
MMDadoda
 7/21/2020 4:58:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.052 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	48.1	144.3
157	119.4	61.9	185.6





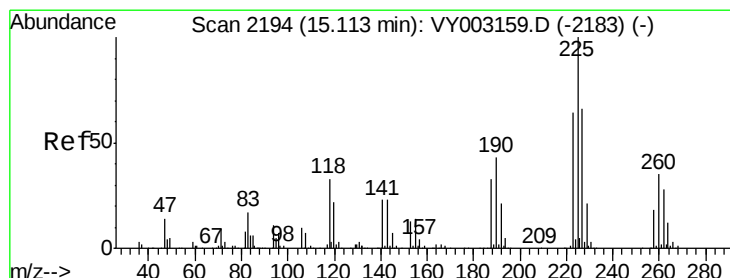
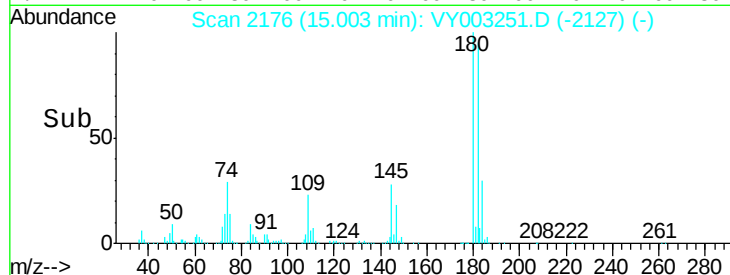
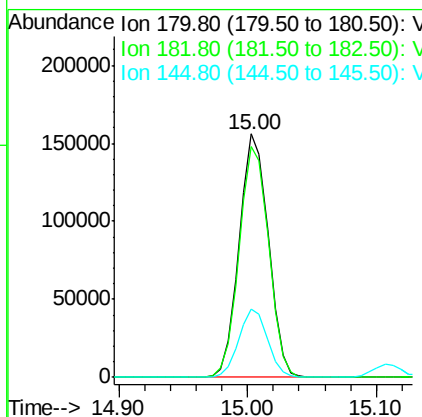
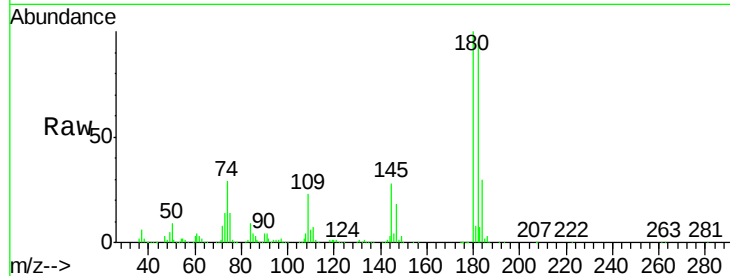
#93
 1,2,4-Trichlorobenzene
 Concen: 50.084 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	244457		
182	96.0	47.3	142.0	
145	27.7	13.7	41.1	

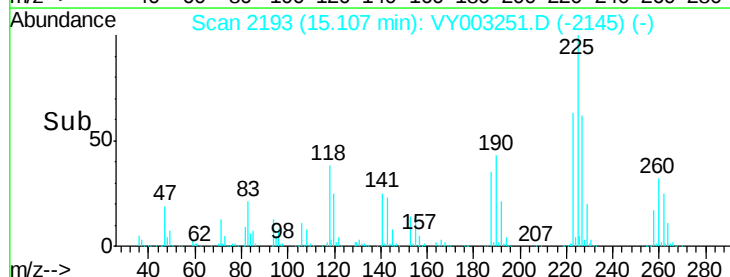
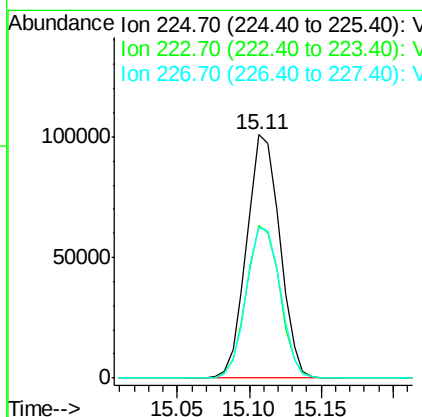
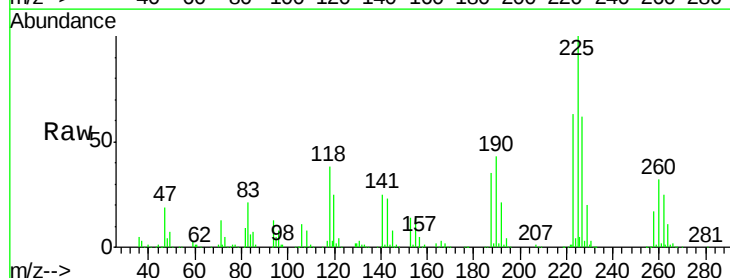
Manual Integrations
 APPROVED

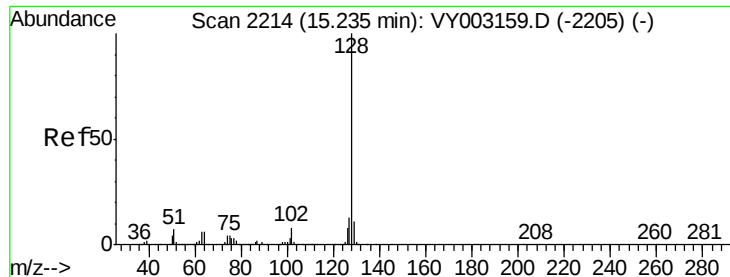
MMDadoda
 7/21/2020 4:58:54 PM



#94
 Hexachlorobutadiene
 Concen: 47.965 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	160416		
223	63.3	31.6	94.7	
227	64.1	32.3	96.8	





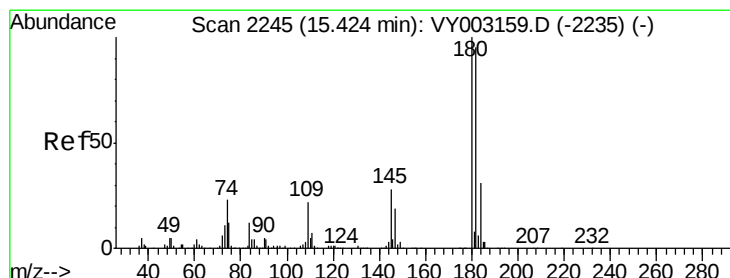
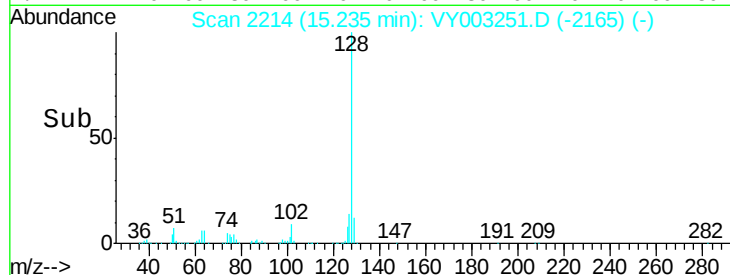
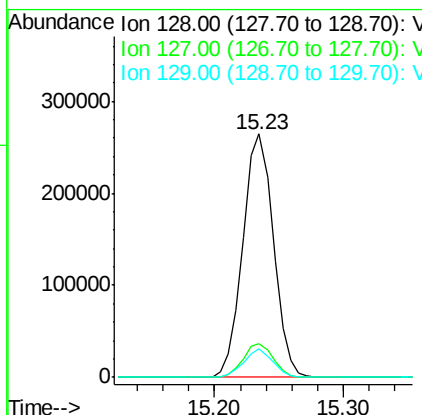
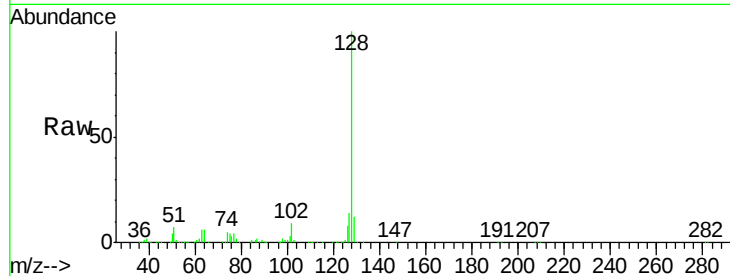
#95
Naphthalene
Concen: 53.763 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	11.0	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/21/2020 4:58:54 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.292 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.8	146.3
145	29.6	14.9	44.5

