

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003175.D
 Acq On : 10 Jul 2020 19:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:48:08 AM

Quant Time: Jul 11 06:47:56 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	481607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	713159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	661832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	343999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	199225	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
35) Dibromofluoromethane	7.72	113	193284	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
50) Toluene-d8	10.18	98	710738	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.48	95	260901	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	155007	44.906	ug/l	100
3) Chloromethane	2.12	50	238337	49.778	ug/l	99
4) Vinyl Chloride	2.26	62	239144	48.680	ug/l	98
5) Bromomethane	2.65	94	183081	50.175	ug/l	99
6) Chloroethane	2.80	64	159180	49.334	ug/l	100
7) Trichlorofluoromethane	3.13	101	340793	48.577	ug/l	98
8) Diethyl Ether	3.54	74	122254	52.004	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	209542	49.454	ug/l	98
10) Methyl Iodide	4.10	142	226562	49.217	ug/l	100
11) Tert butyl alcohol	4.97	59	103178	234.736	ug/l	98
12) 1,1-Dichloroethene	3.88	96	195551	48.795	ug/l	99
13) Acrolein	3.74	56	79422	208.175	ug/l	99
14) Allyl chloride	4.49	41	305150	51.315	ug/l	98
15) Acrylonitrile	5.18	53	291692	258.301	ug/l	98
16) Acetone	3.96	43	225921	248.816	ug/l	95
17) Carbon Disulfide	4.20	76	607810	49.425	ug/l	100
18) Methyl Acetate	4.49	43	127868	50.709	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	595155	52.993	ug/l	98
20) Methylene Chloride	4.72	84	245070	54.094	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	230449	50.840	ug/l	95
22) Diisopropyl ether	6.13	45	716166	54.264	ug/l	99
23) Vinyl Acetate	6.07	43	2364236	268.766	ug/l	99
24) 1,1-Dichloroethane	6.03	63	399277	52.220	ug/l	99
25) 2-Butanone	6.99	43	382338	256.461	ug/l	96
26) 2,2-Dichloropropane	6.99	77	332229	48.248	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	260305	52.158	ug/l	100
28) Bromochloromethane	7.34	49	167575	50.621	ug/l	98
29) Tetrahydrofuran	7.35	42	257928	257.538	ug/l	99
30) Chloroform	7.51	83	412418	52.370	ug/l	100
31) Cyclohexane	7.79	56	353813	47.854	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	362281	51.101	ug/l	99
36) 1,1-Dichloropropene	7.93	75	316144	48.912	ug/l	100
37) Ethyl Acetate	7.08	43	180610	51.887	ug/l	98
38) Carbon Tetrachloride	7.91	117	325164	48.730	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	389945	48.025	ug/l	95
40) Benzene	8.17	78	894760	50.275	ug/l	97
41) Methacrylonitrile	7.33	41	90217m	43.034	ug/l	
42) 1,2-Dichloroethane	8.24	62	278175	50.770	ug/l	99
43) Isopropyl Acetate	8.28	43	351241	52.131	ug/l	100
44) Trichloroethene	8.94	130	271187	49.706	ug/l	95
45) 1,2-Dichloropropane	9.22	63	233881	50.787	ug/l	97
46) Dibromomethane	9.31	93	137920	51.277	ug/l	99
47) Bromodichloromethane	9.50	83	331703	51.853	ug/l	98
48) Methyl methacrylate	9.30	41	158319	52.561	ug/l	100
49) 1,4-Dioxane	9.30	88	33652	985.802	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	912464	260.555	ug/l	99
52) Toluene	10.24	92	578852	50.886	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	346560	52.288	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	389899	51.057	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	195610	51.322	ug/l	98
56) Ethyl methacrylate	10.51	69	281114	54.251	ug/l	98
57) 1,3-Dichloropropane	10.79	76	331331	51.270	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	651728	246.616	ug/l	100
59) 2-Hexanone	10.83	43	637138	260.625	ug/l	99
60) Dibromochloromethane	10.99	129	251415	52.446	ug/l	100
61) 1,2-Dibromoethane	11.09	107	191909	51.016	ug/l	99
64) Tetrachloroethene	10.72	164	291531	49.403	ug/l	98
65) Chlorobenzene	11.52	112	640295	50.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	253428	51.177	ug/l	99
67) Ethyl Benzene	11.59	91	1146344	50.356	ug/l	99
68) m/p-Xylenes	11.70	106	859864	99.549	ug/l	98
69) o-Xylene	12.03	106	412875	51.165	ug/l	100
70) Styrene	12.04	104	712161	51.591	ug/l	100
71) Bromoform	12.20	173	167772	51.620	ug/l #	100
73) Isopropylbenzene	12.33	105	1109001	50.589	ug/l	99
74) N-amyl acetate	12.14	43	337348	54.844	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	216496	51.134	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	162829m	53.475	ug/l	
77) Bromobenzene	12.61	156	289478	51.804	ug/l	99
78) n-propylbenzene	12.67	91	1307207	50.588	ug/l	100
79) 2-Chlorotoluene	12.75	91	742005	51.466	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	927417	50.759	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	80999	51.770	ug/l	96
82) 4-Chlorotoluene	12.85	91	776356	51.591	ug/l	100
83) tert-Butylbenzene	13.07	119	816043	50.618	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	936068	50.919	ug/l	99
85) sec-Butylbenzene	13.25	105	1121110	50.596	ug/l	99
86) p-Isopropyltoluene	13.37	119	1030169	49.792	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	539370	51.042	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	534223	51.063	ug/l	100
89) n-Butylbenzene	13.70	91	973757	50.037	ug/l	100
90) Hexachloroethane	13.96	117	194618	51.654	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	480376	51.802	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33931	49.433	ug/l	95

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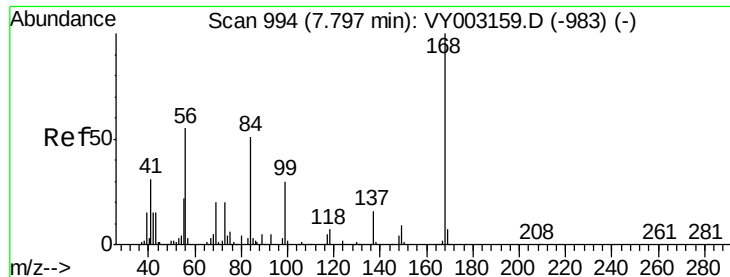
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	335166	50.805	ug/l	100
94) Hexachlorobutadiene	15.11	225	220938	48.875	ug/l	98
95) Naphthalene	15.23	128	565852	51.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	261457	50.136	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: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 481607

Ion Ratio Lower Upper

168 100

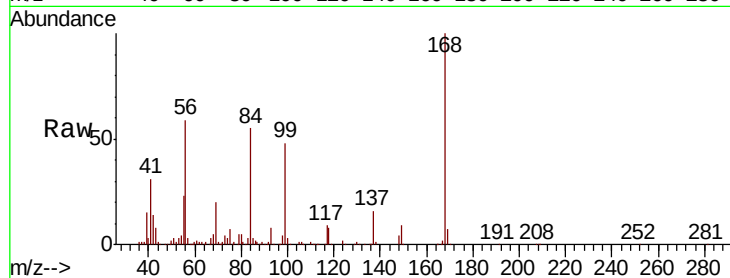
99 48.4 37.3 55.9

Manual Integrations

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7/13/2020 10:48:08 AM



Abundance Ion 167.90 (167.60 to 168.60): VY003175.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003175.D (-945) (-)

7.80

250000

200000

150000

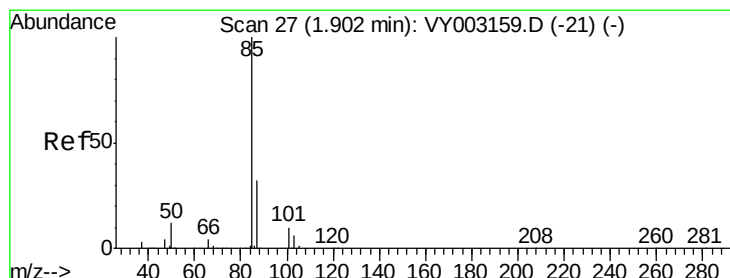
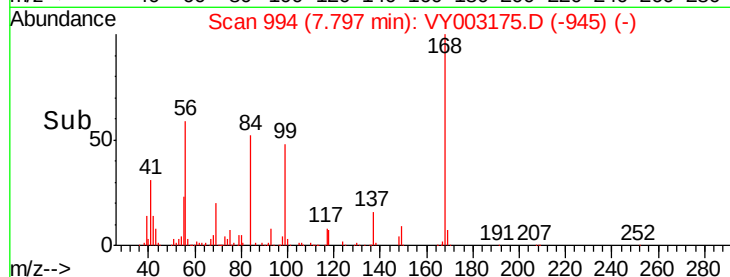
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50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.906 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003175.D

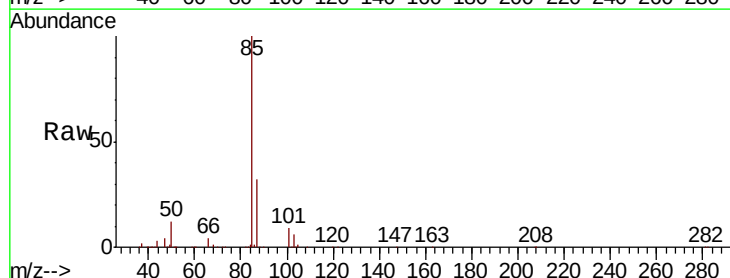
Acq: 10 Jul 2020 19:58

Tgt Ion: 85 Resp: 155007

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003175.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003175.D (-1) (-)

1.91

120000

100000

80000

60000

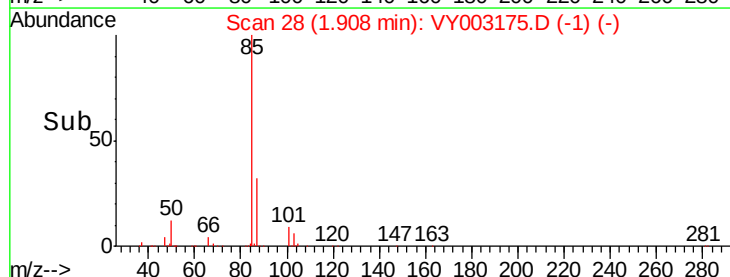
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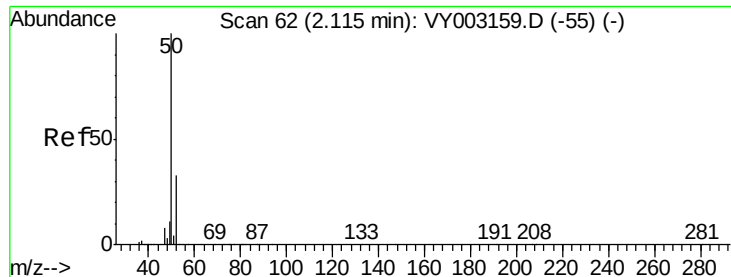
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.778 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 238337

Ion Ratio Lower Upper

50 100

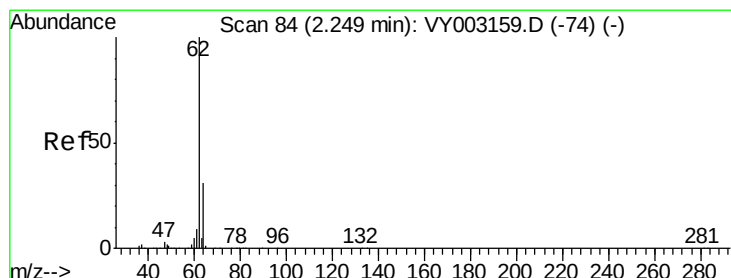
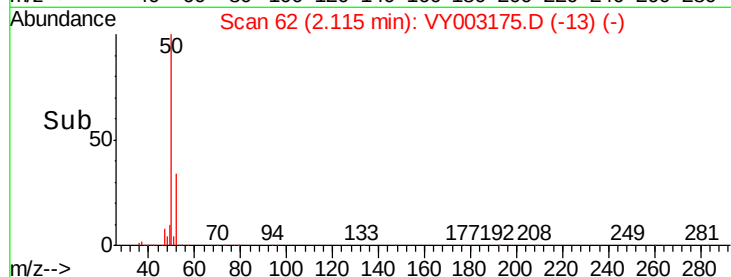
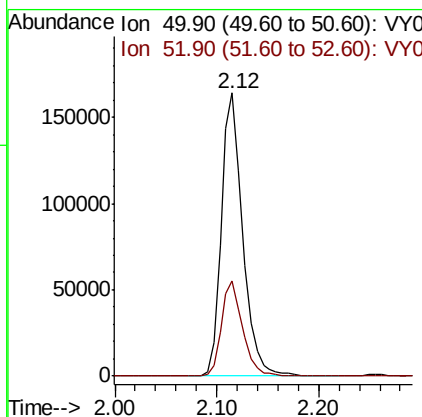
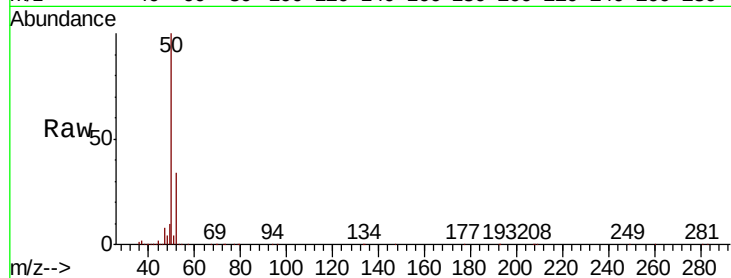
52 33.5 26.6 39.8

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 48.680 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003175.D

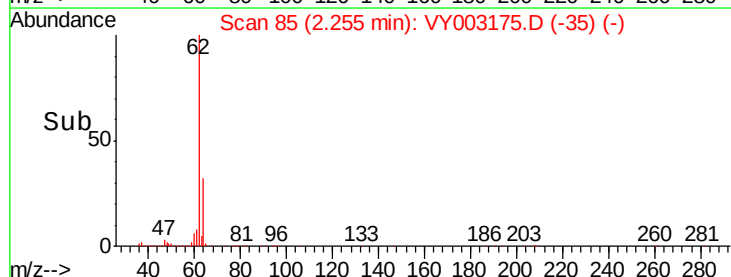
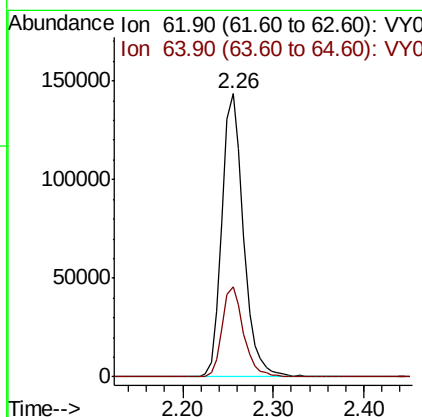
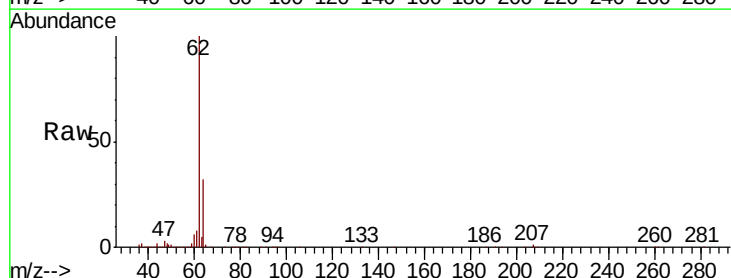
Acq: 10 Jul 2020 19:58

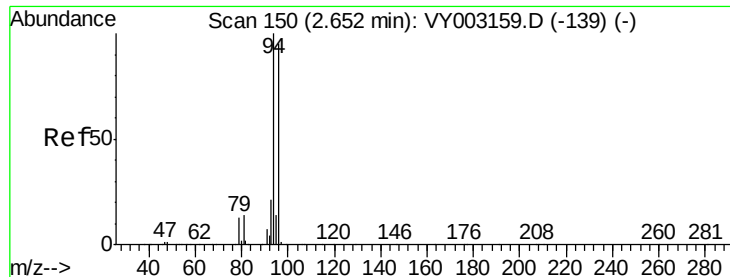
Tgt Ion: 62 Resp: 239144

Ion Ratio Lower Upper

62 100

64 31.8 24.6 37.0





#5

Bromomethane

Concen: 50.175 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 183081

Ion Ratio Lower Upper

94 100

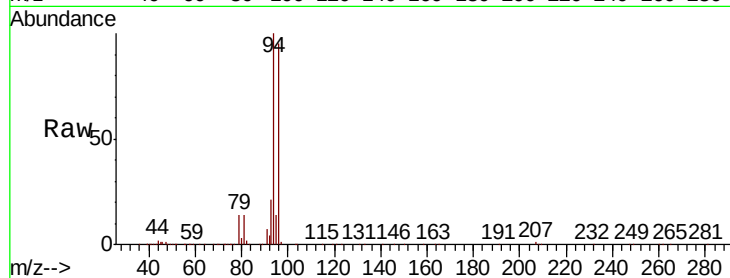
96 94.3 76.0 114.0

Manual Integrations

APPROVED

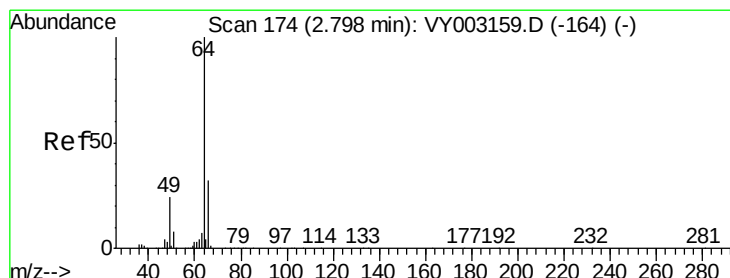
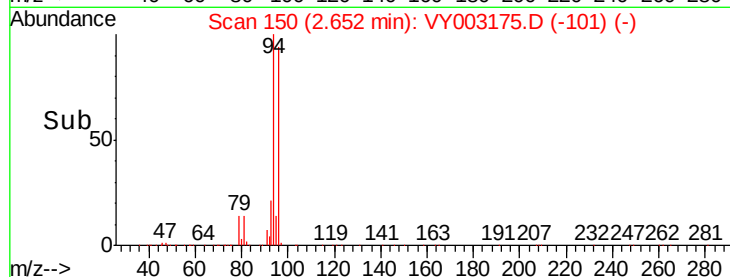
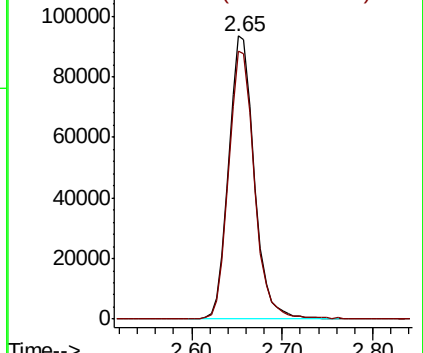
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.334 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003175.D

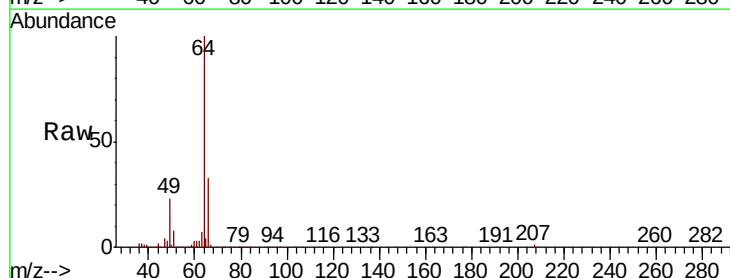
Acq: 10 Jul 2020 19:58

Tgt Ion: 64 Resp: 159180

Ion Ratio Lower Upper

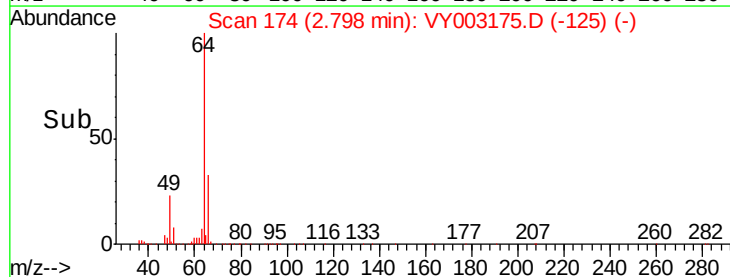
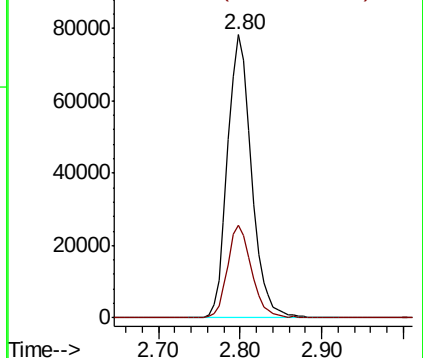
64 100

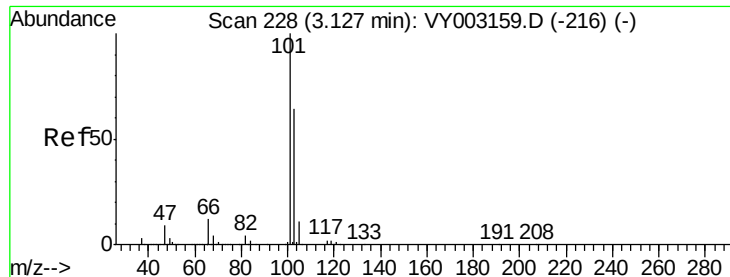
66 32.7 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

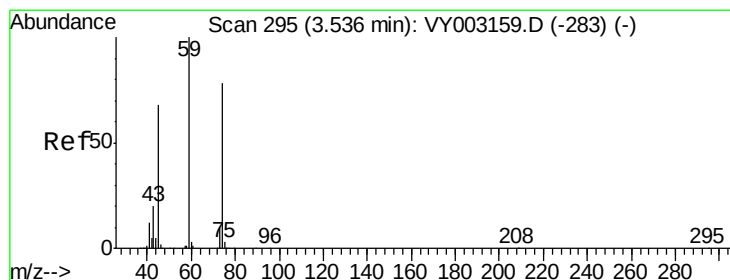
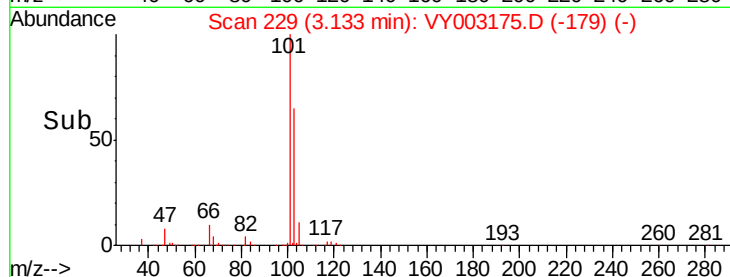
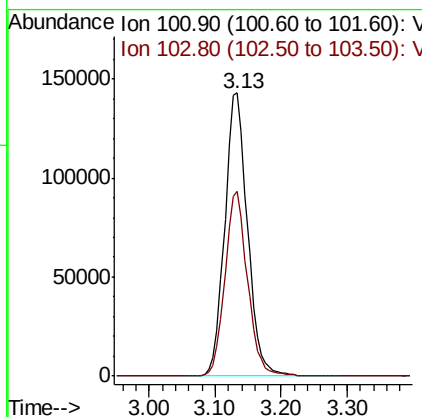
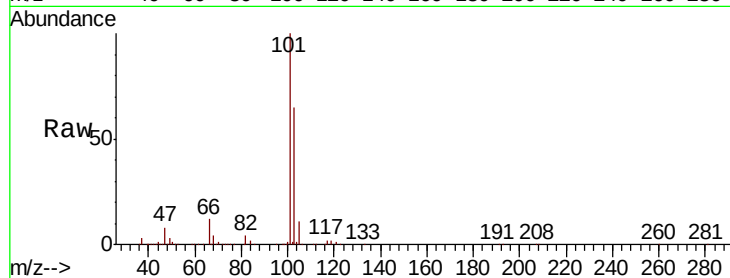
Trichlorofluoromethane
 Concen: 48.577 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.3	76.9

Manual Integrations
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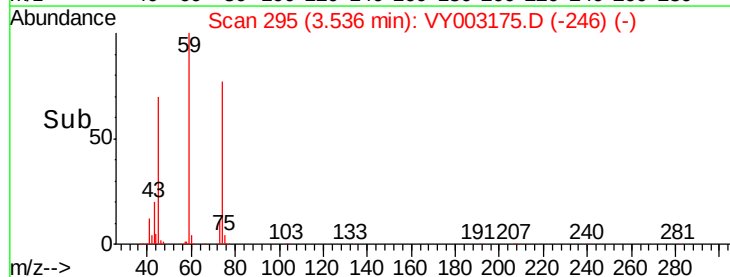
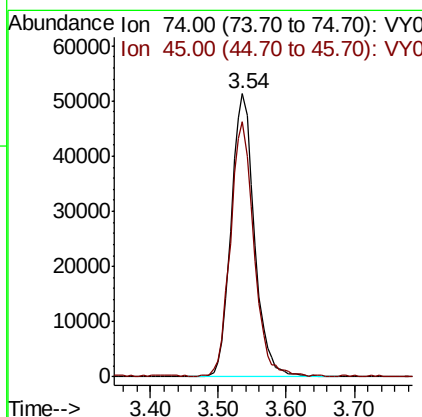
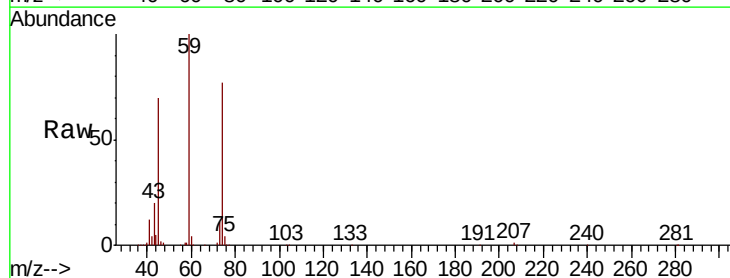
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 7/13/2020 10:48:08 AM

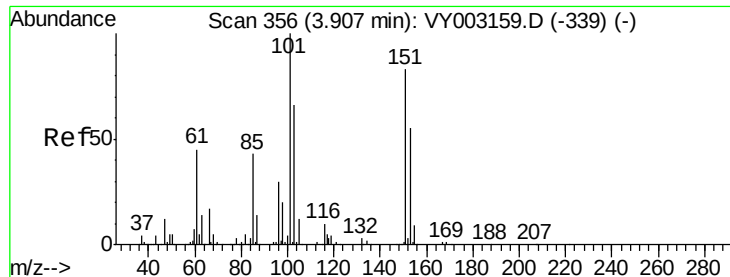


#8

Diethyl Ether
 Concen: 52.004 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.9	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.454 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

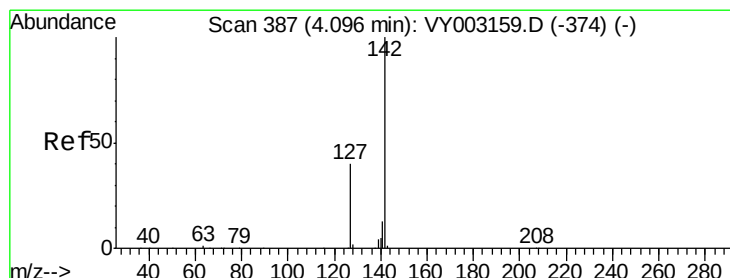
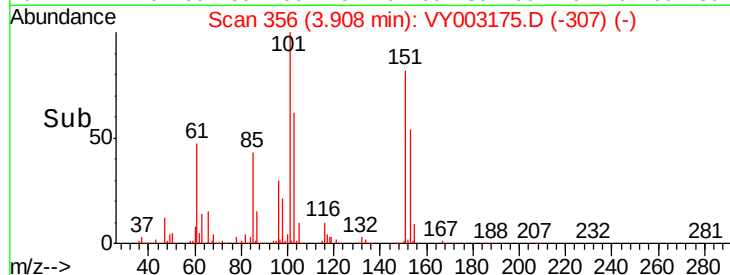
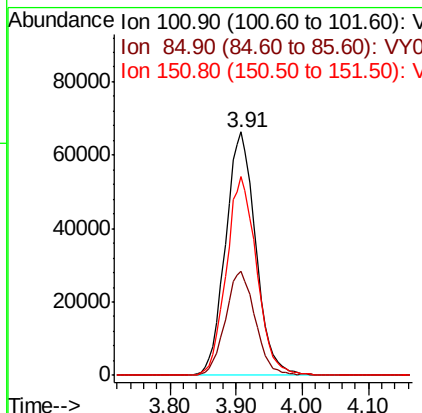
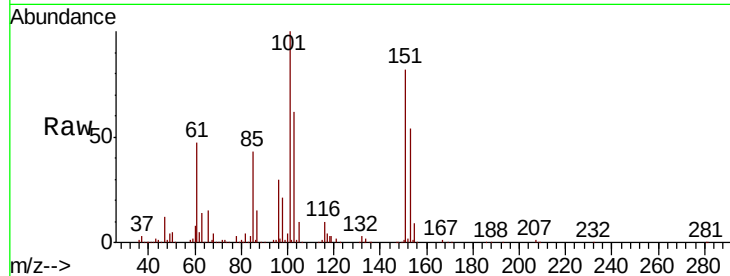
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	209542
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.9	52.3
151	82.0	67.0	100.6

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#10

Methyl Iodide

Concen: 49.217 ug/l

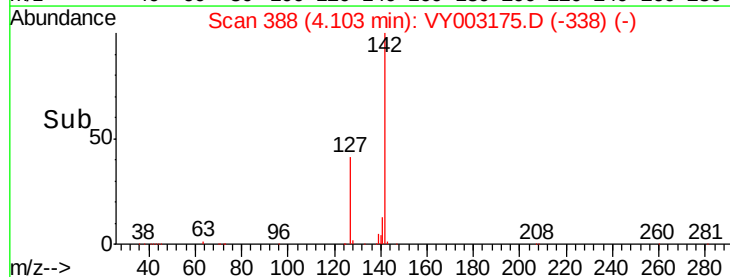
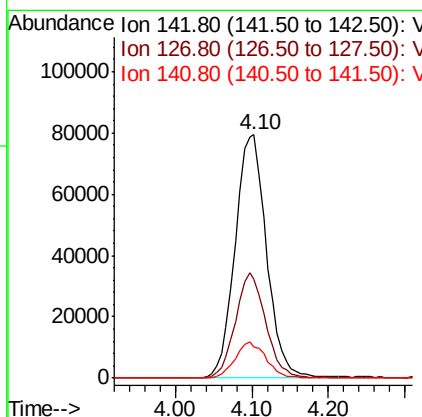
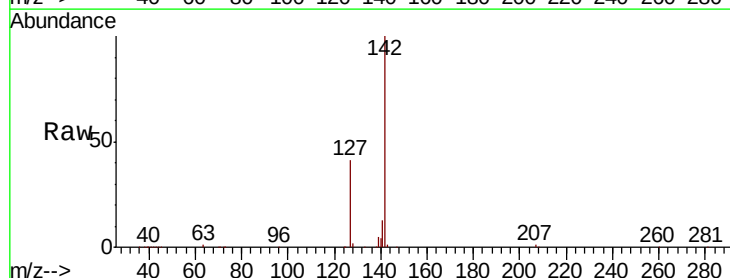
RT: 4.10 min Scan# 388

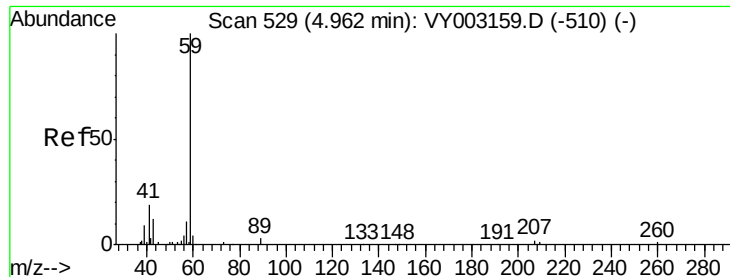
Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion:	142	Resp:	226562
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.5	50.3
141	14.6	11.2	16.8





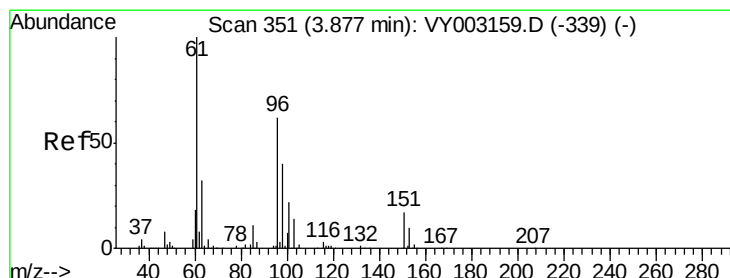
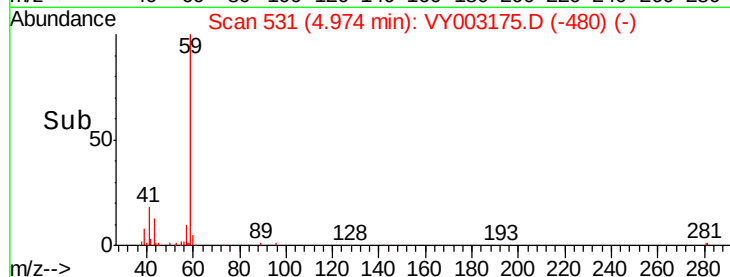
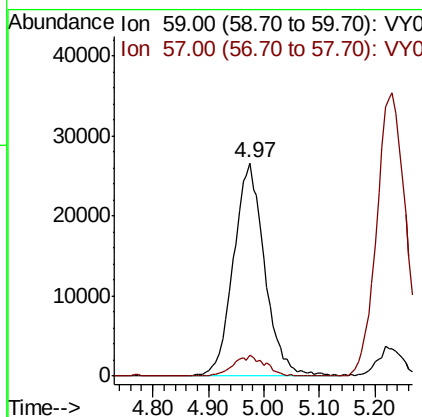
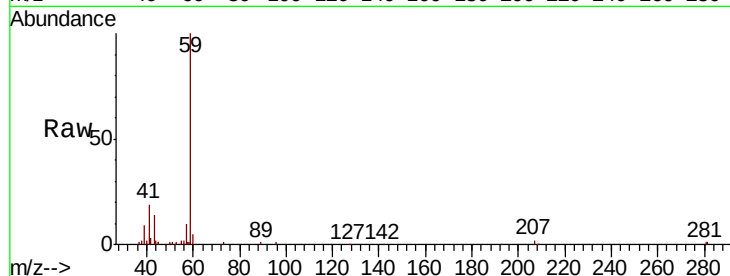
#11
Tert butyl alcohol
Concen: 234.736 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	103178
Ion Ratio	59	100	
Lower	57	9.7	8.4
Upper			12.6

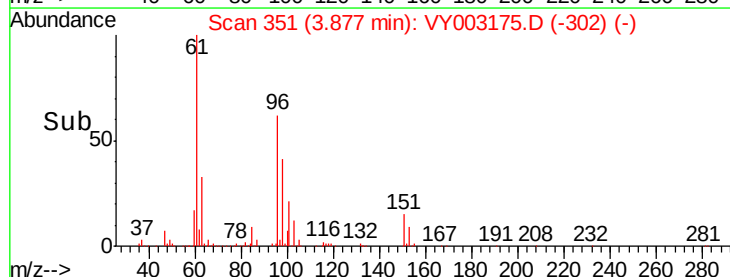
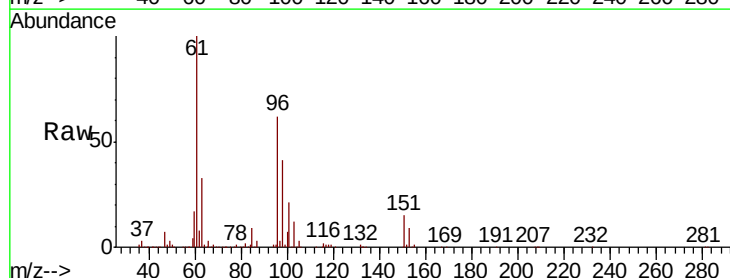
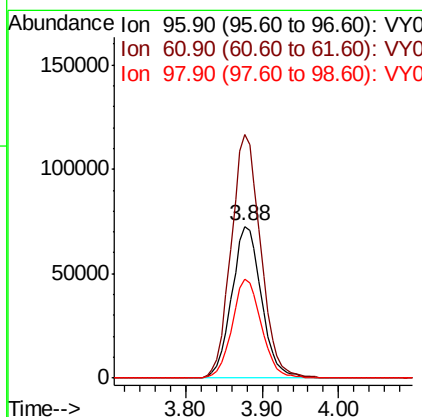
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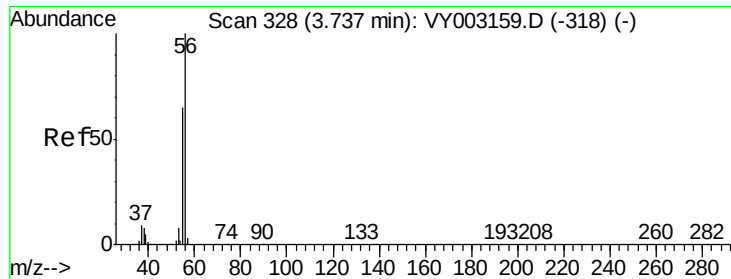
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.795 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	96	Resp	195551
Ion Ratio	96	100	
Lower	61	160.5	128.6
Upper	98	65.6	51.6





#13

Acrolein

Concen: 208.175 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 79422

Ion Ratio Lower Upper

56 100

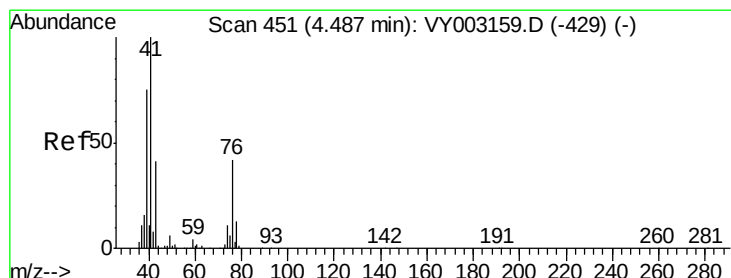
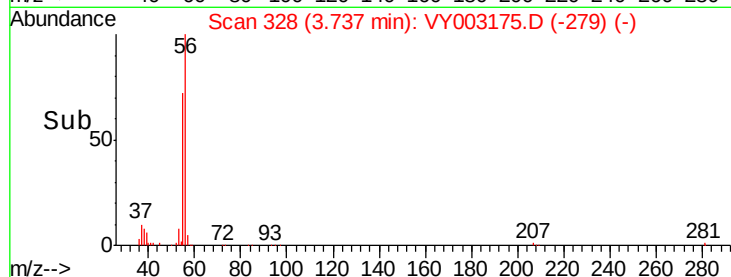
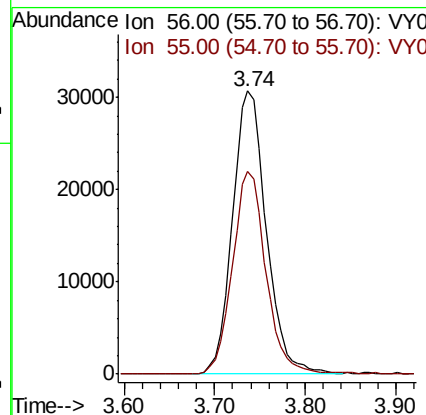
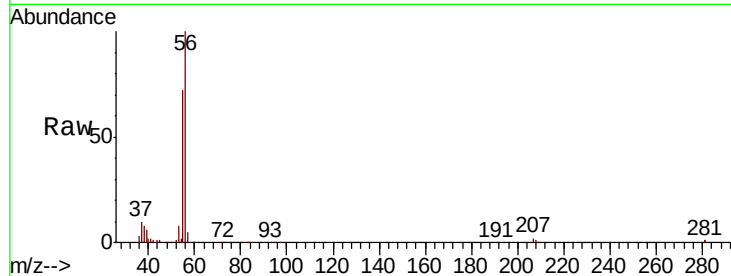
55 70.7 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 51.315 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

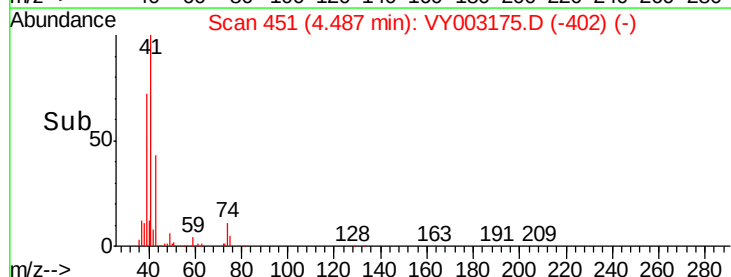
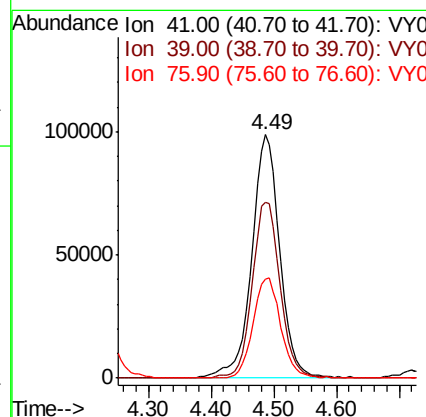
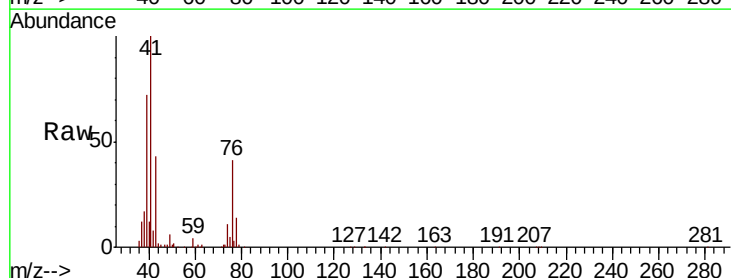
Tgt Ion: 41 Resp: 305150

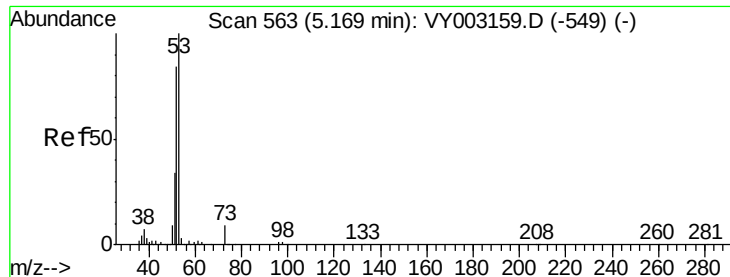
Ion Ratio Lower Upper

41 100

39 71.9 56.6 85.0

76 40.6 31.6 47.4





#15

Acrylonitrile

Concen: 258.301 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

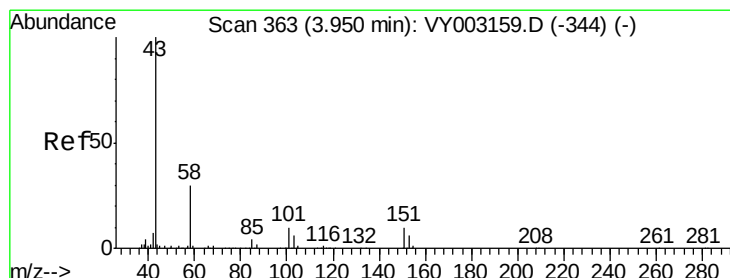
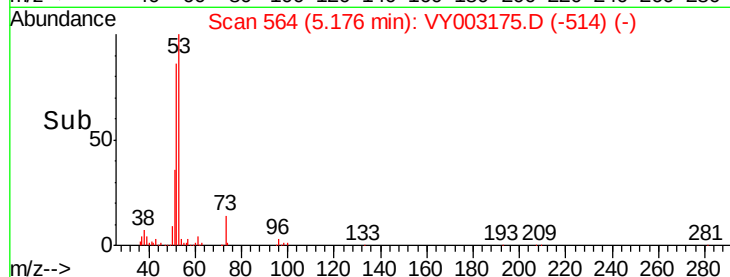
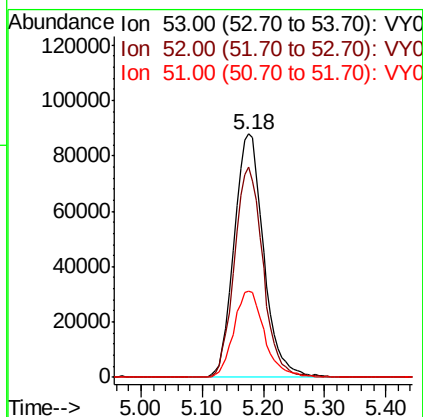
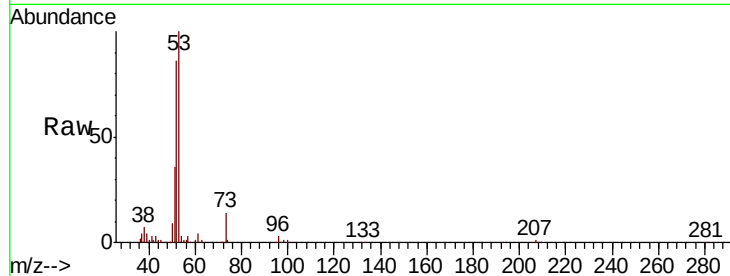
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	291692
Ion Ratio	Lower	Upper	
53	100		
52	83.9	65.8	98.6
51	36.9	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 248.816 ug/l

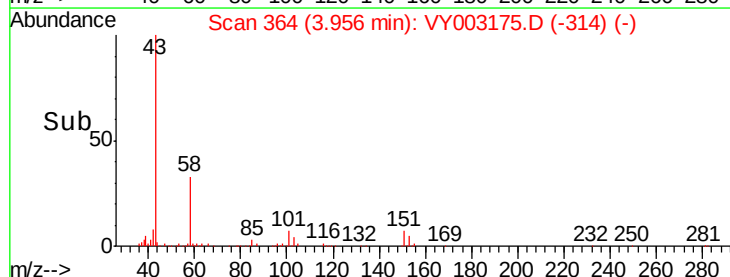
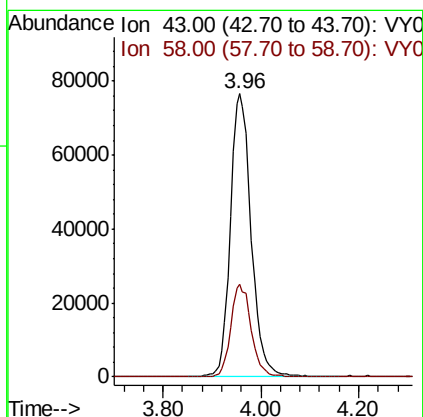
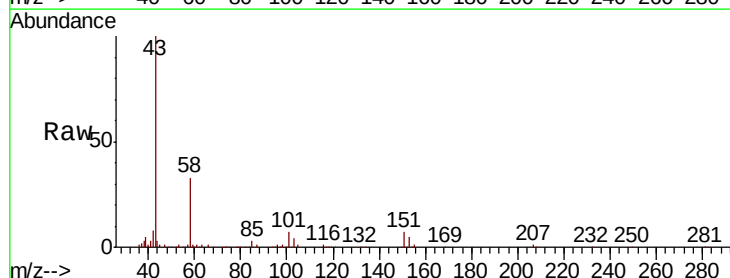
RT: 3.96 min Scan# 364

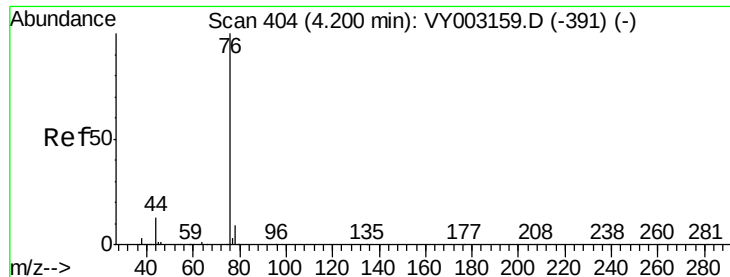
Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion:	43	Resp:	225921
Ion Ratio	Lower	Upper	
43	100		
58	32.5	23.8	35.6





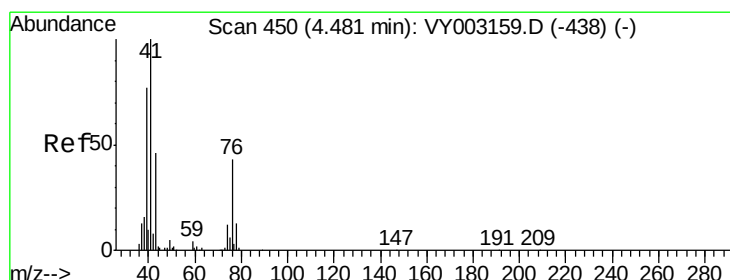
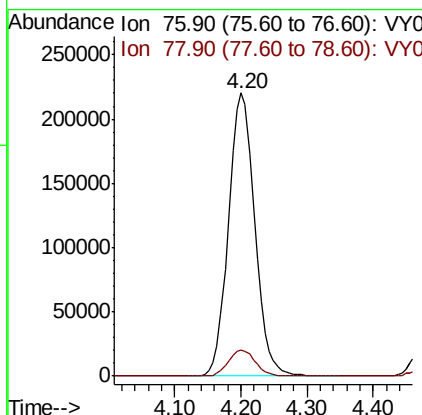
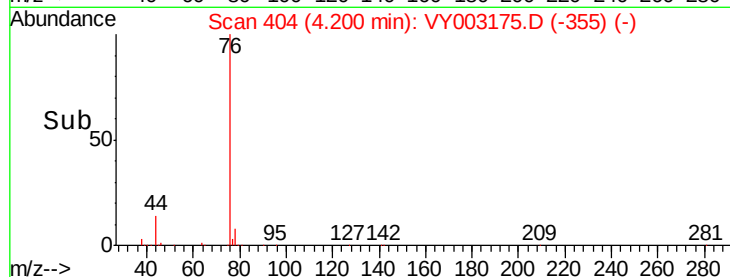
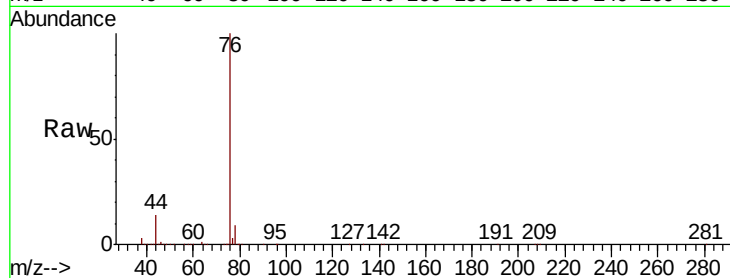
#17
Carbon Disulfide
Concen: 49.425 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

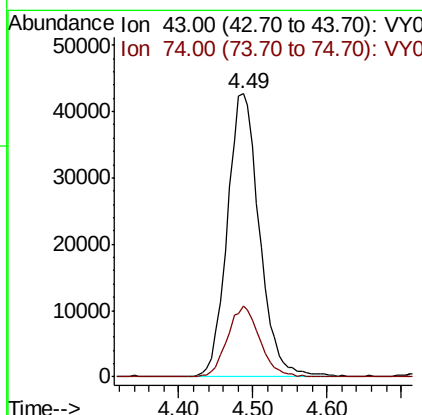
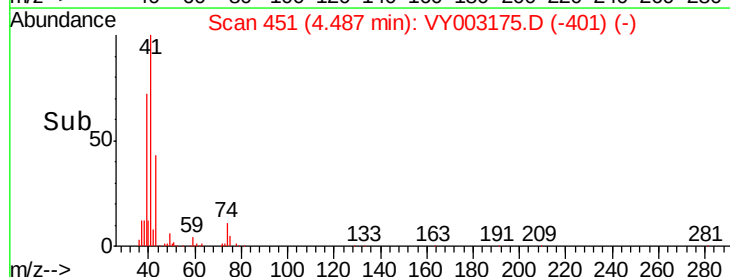
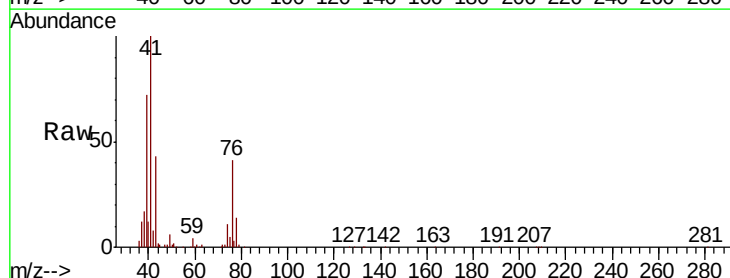
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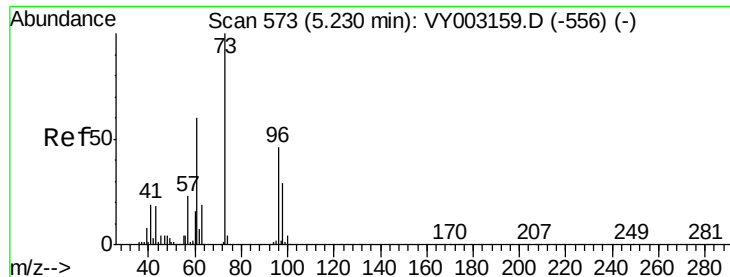
MMDadoda
7/13/2020 10:48:08 AM



#18
Methyl Acetate
Concen: 50.709 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.8	31.2





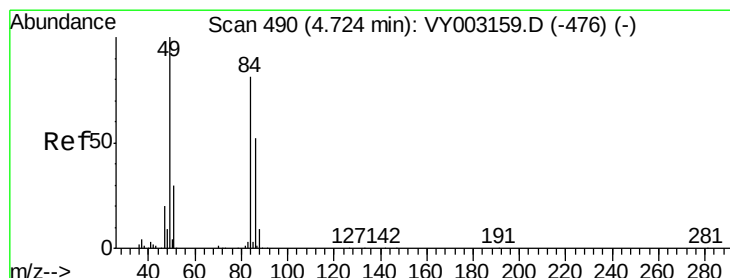
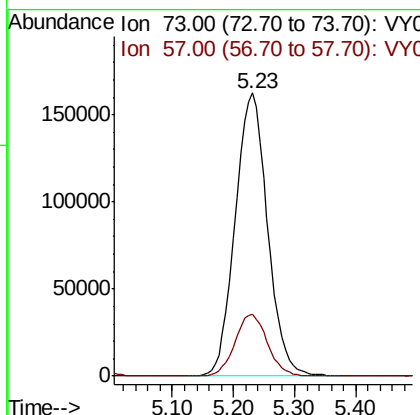
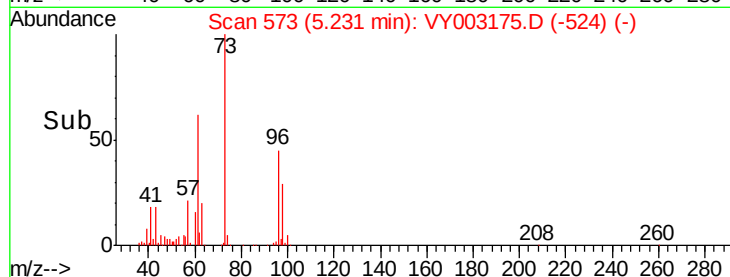
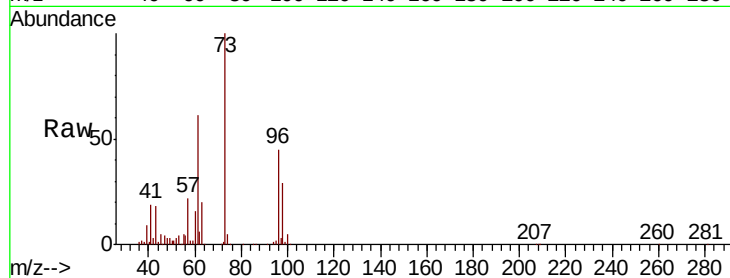
#19
Methyl tert-butyl Ether
Concen: 52.993 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.1	27.1

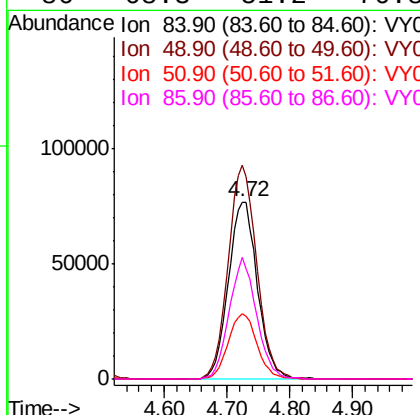
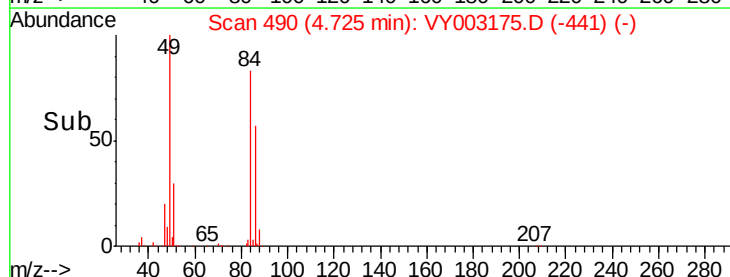
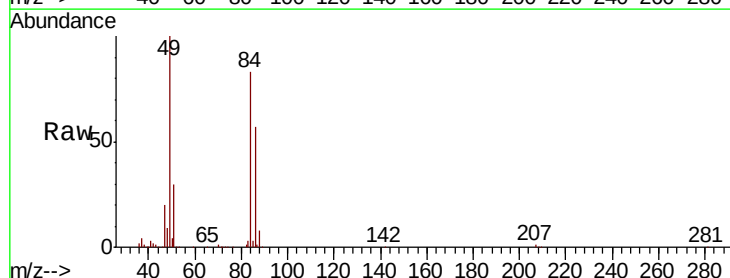
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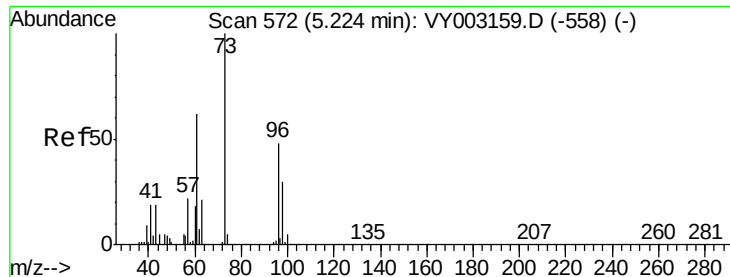
MMDadoda
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#20
Methylene Chloride
Concen: 54.094 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.6	98.2	147.4
51	36.5	29.8	44.6
86	68.3	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 50.840 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

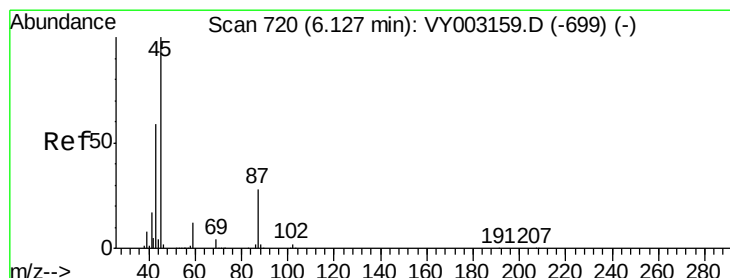
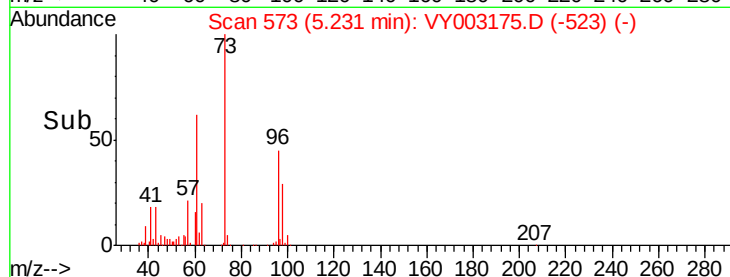
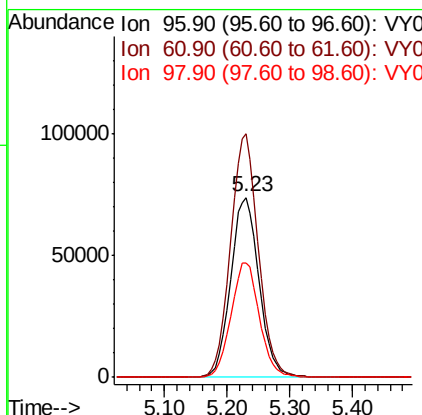
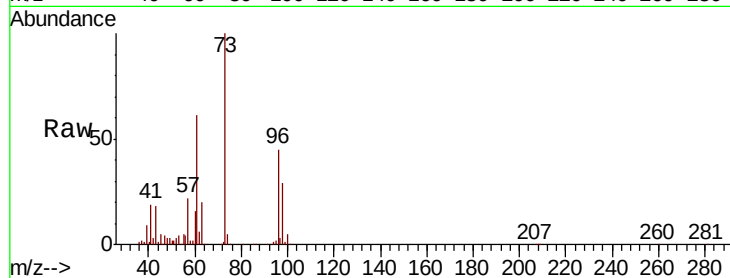
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	230449
Ion	Ratio	Lower	Upper
96	100		
61	135.3	102.5	153.7
98	63.5	49.8	74.8

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#22

Diisopropyl ether

Concen: 54.264 ug/l

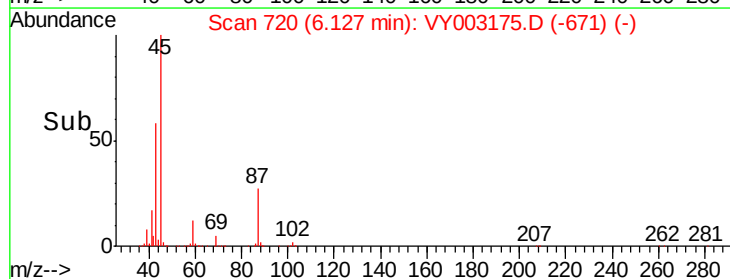
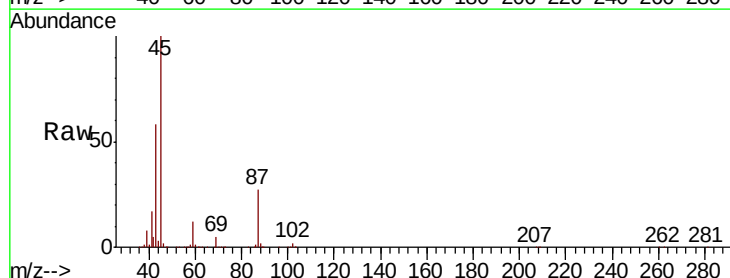
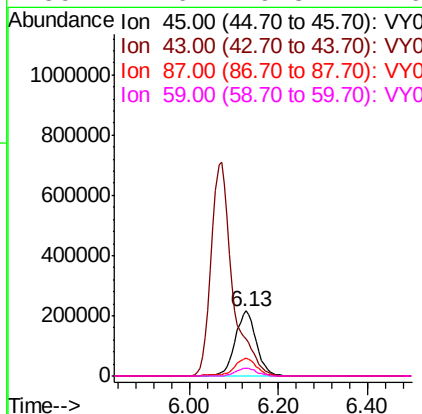
RT: 6.13 min Scan# 720

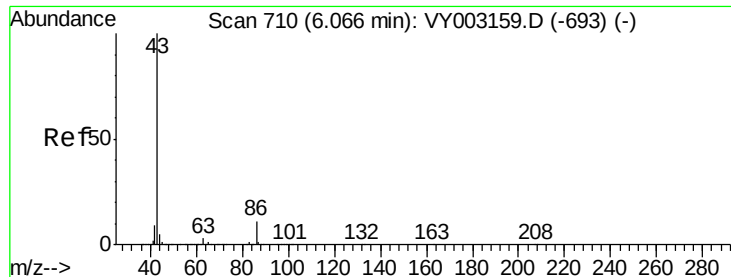
Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion:	45	Resp:	716166
Ion	Ratio	Lower	Upper
45	100		
43	57.7	47.0	70.4
87	27.4	22.6	33.8
59	11.6	9.8	14.6





#23

Vinyl Acetate

Concen: 268.766 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2364236

Ion Ratio Lower Upper

43 100

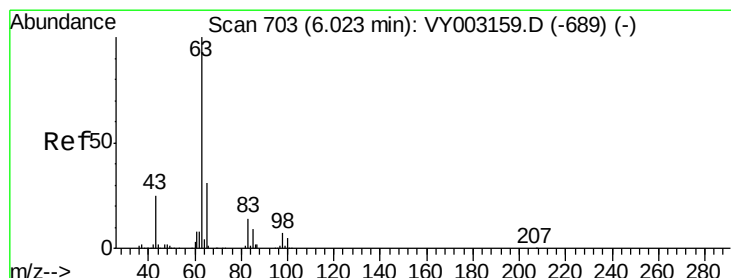
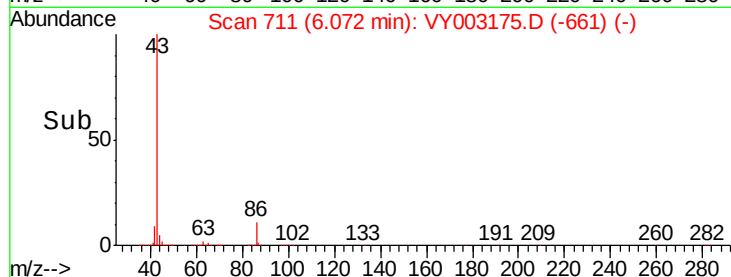
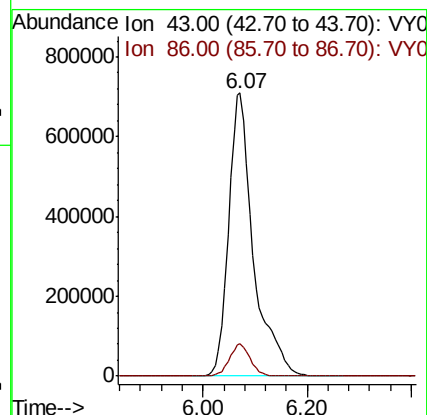
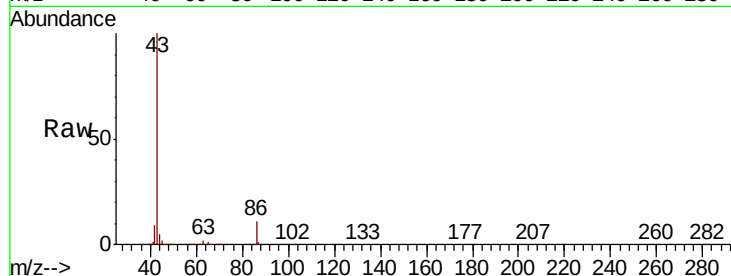
86 11.4 8.8 13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.220 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

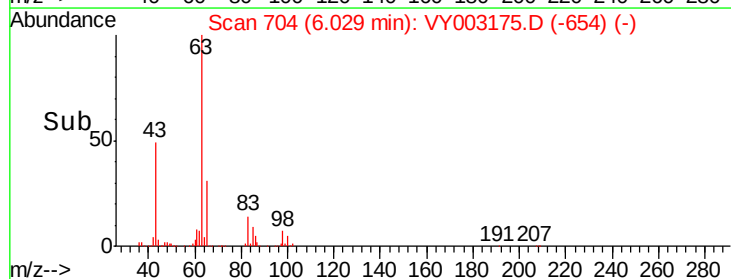
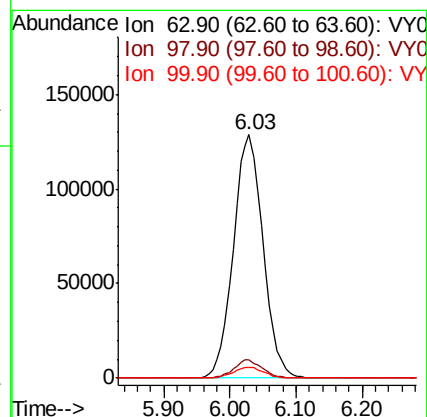
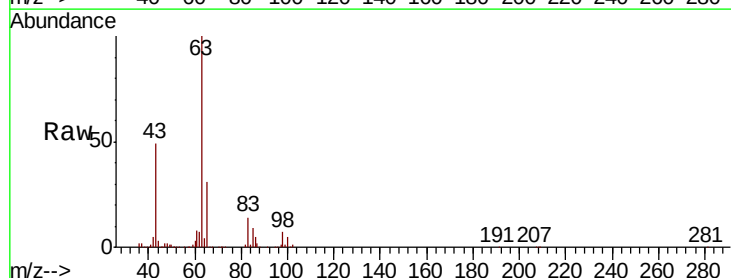
Tgt Ion: 63 Resp: 399277

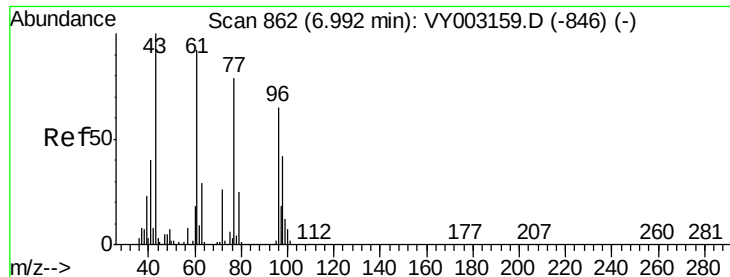
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 256.461 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 382338

Ion Ratio Lower Upper

43 100

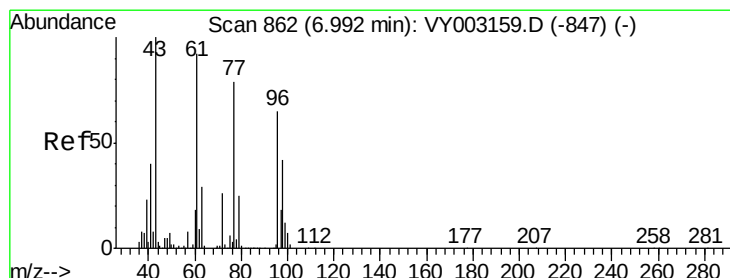
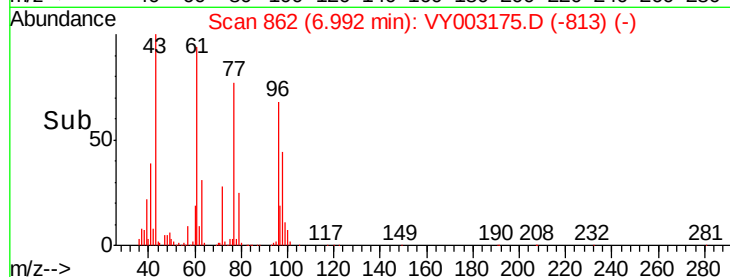
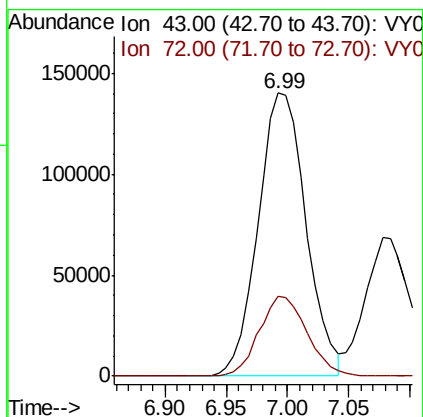
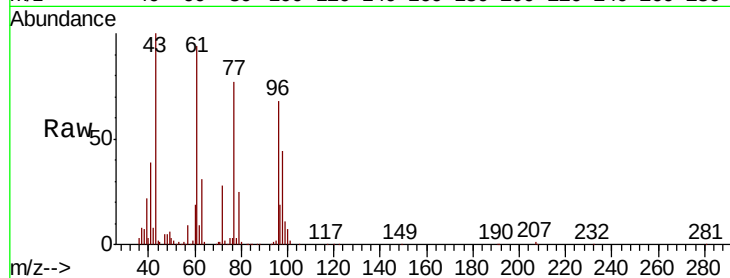
72 28.0 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.248 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003175.D

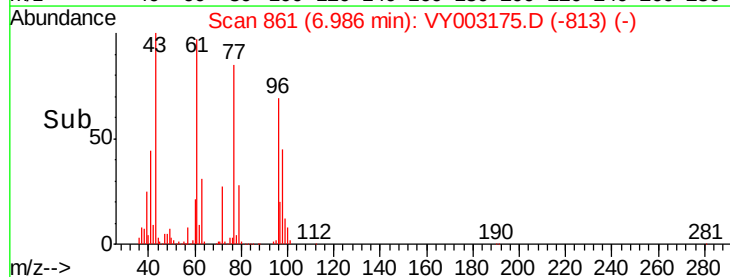
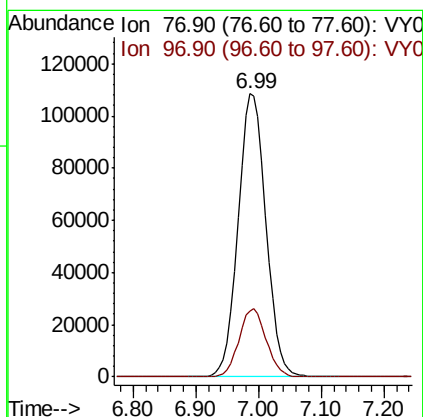
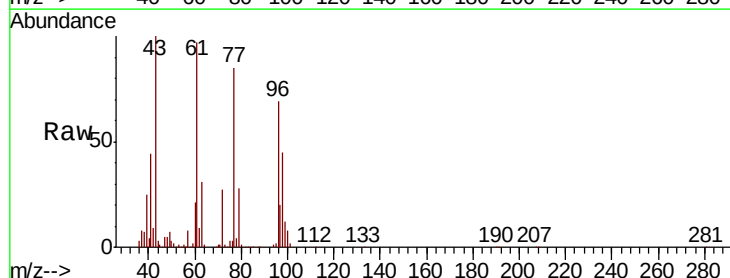
Acq: 10 Jul 2020 19:58

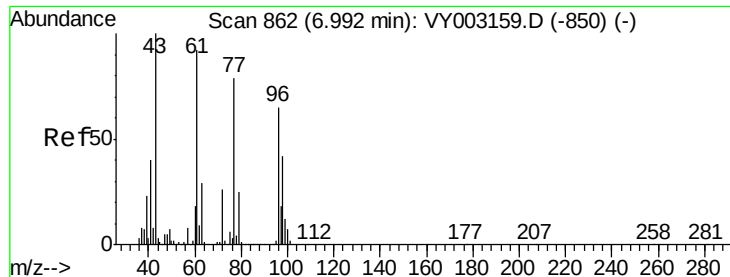
Tgt Ion: 77 Resp: 332229

Ion Ratio Lower Upper

77 100

97 23.7 11.6 34.7





#27

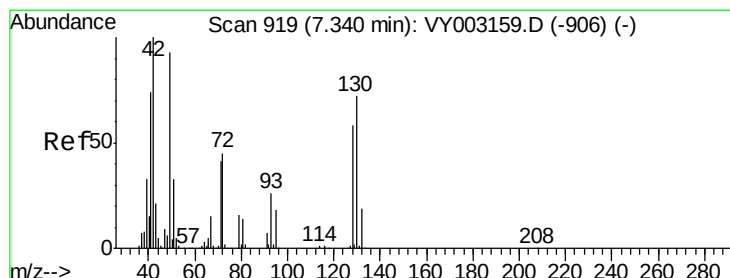
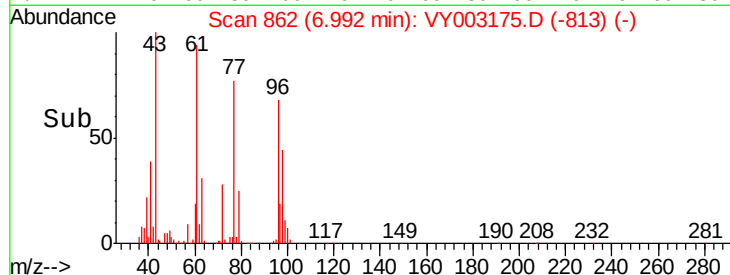
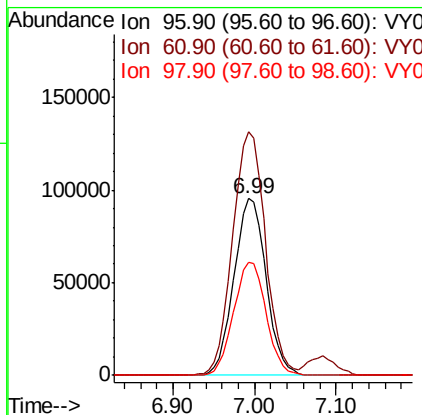
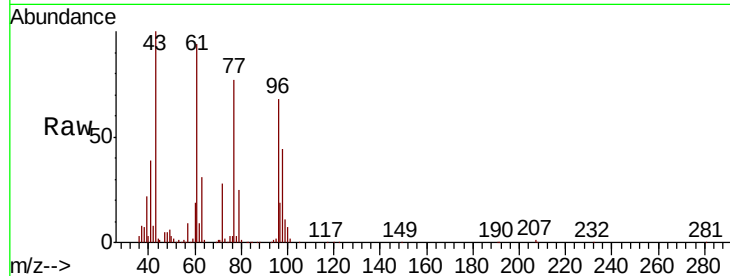
cis-1,2-Dichloroethene
 Concen: 52.158 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	260305		
61	140.5		0.0	281.2
98	64.7		0.0	129.8

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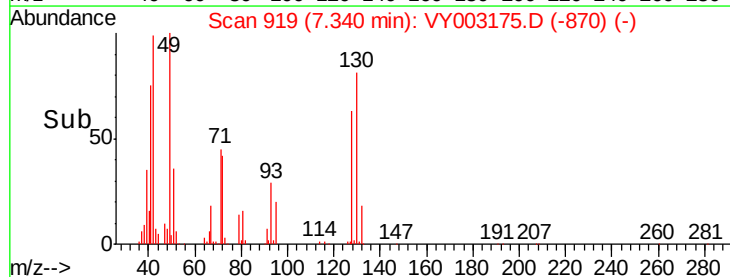
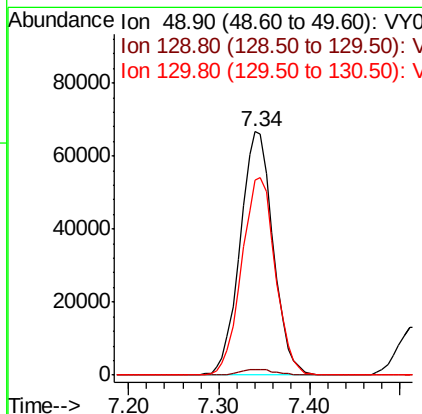
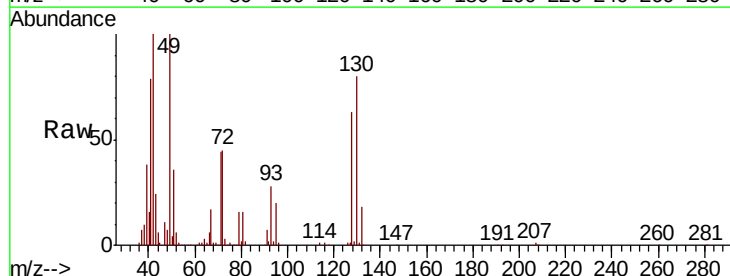
MMDadoda
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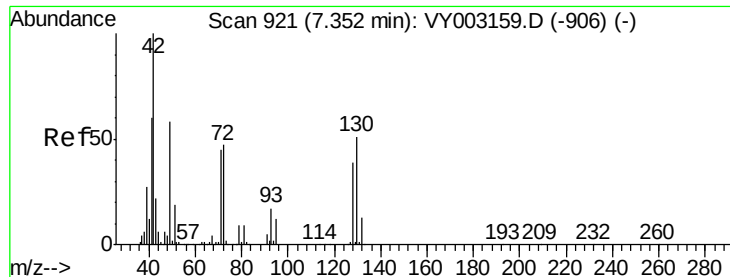


#28

Bromochloromethane
 Concen: 50.621 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	167575		
129	2.4		0.0	5.0
130	82.8		64.9	97.3





#29

Tetrahydrofuran

Concen: 257.538 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

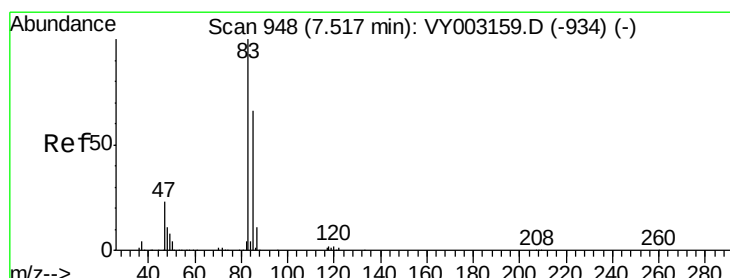
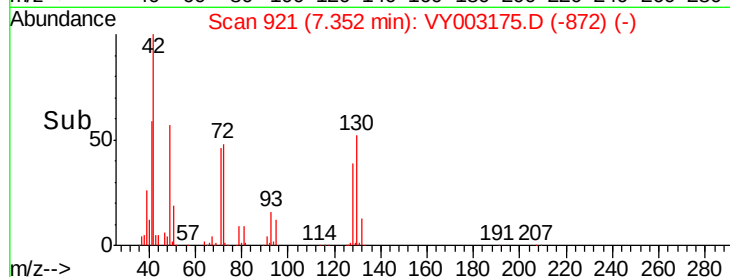
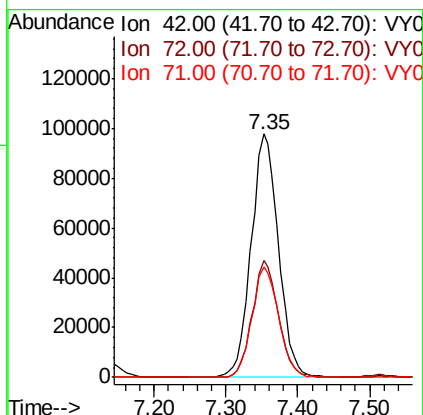
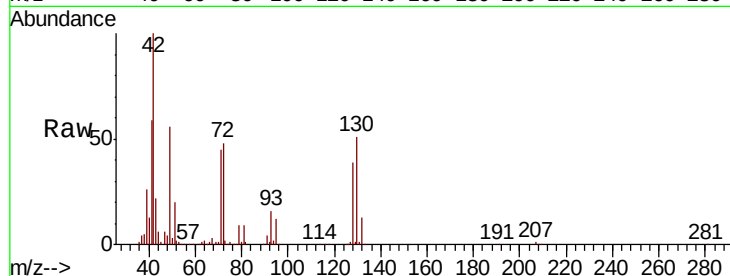
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	257928
Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.7	55.1
71	44.3	34.2	51.4

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#30

Chloroform

Concen: 52.370 ug/l

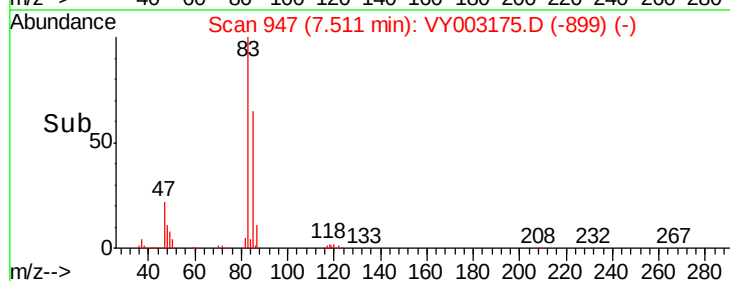
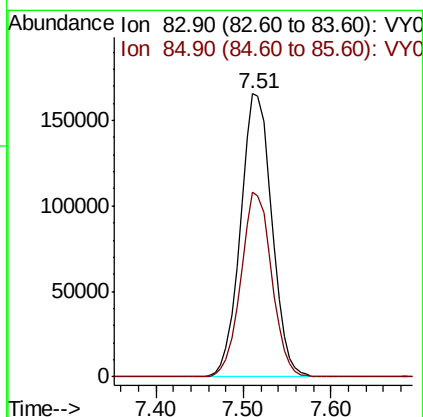
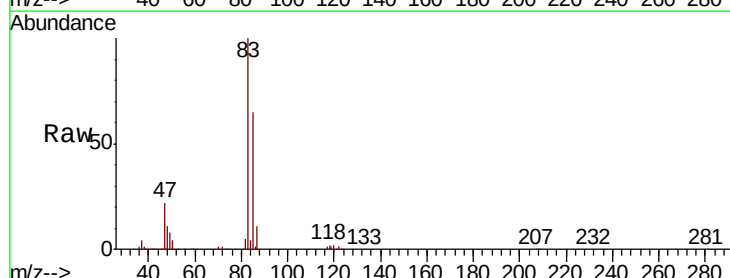
RT: 7.51 min Scan# 947

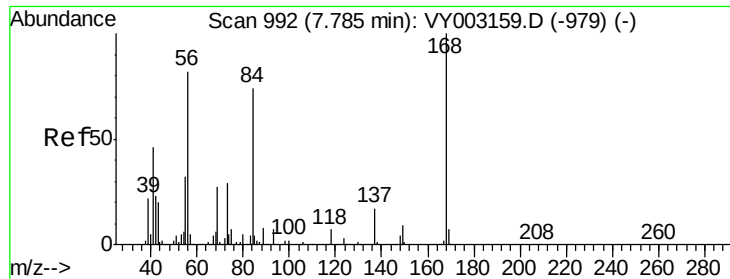
Delta R.T. -0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion:	83	Resp:	412418
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	78.8





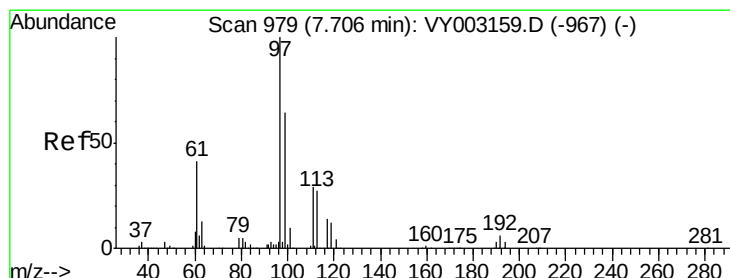
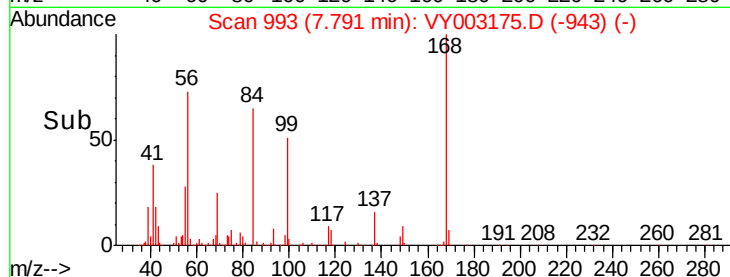
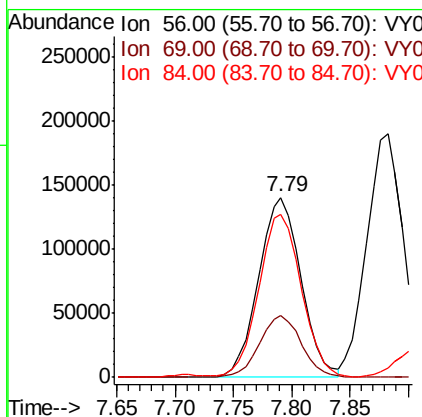
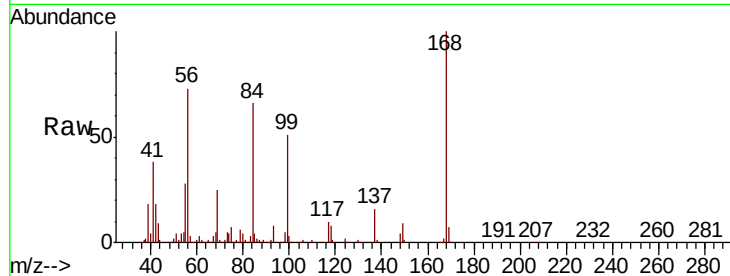
#31
Cyclohexane
Concen: 47.854 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	26.7	40.1
84	89.3	72.3	108.5

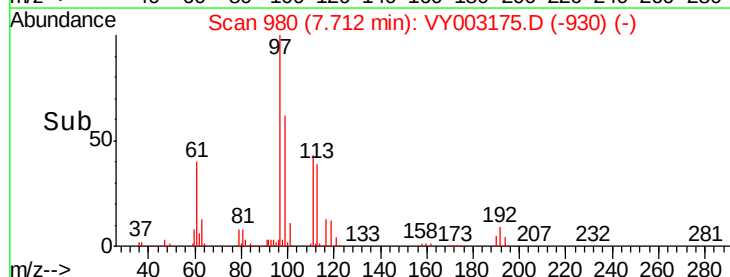
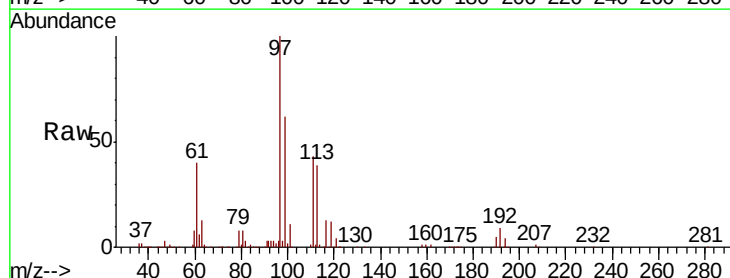
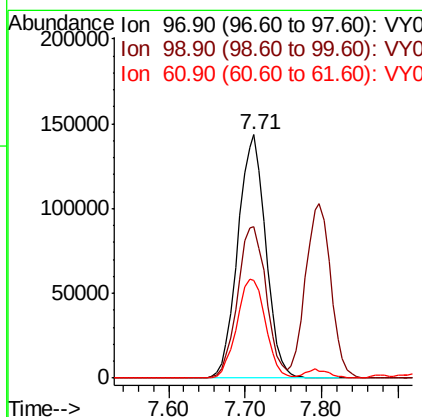
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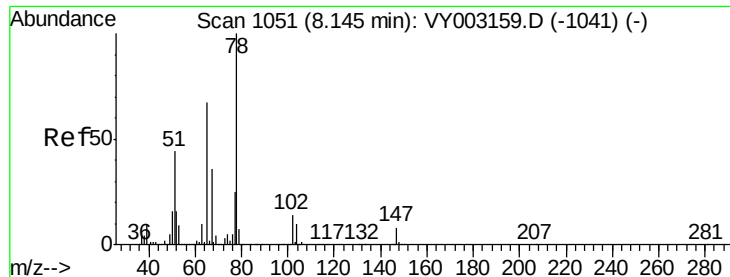
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#32
1,1,1-Trichloroethane
Concen: 51.101 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.1	78.1
61	41.8	33.9	50.9





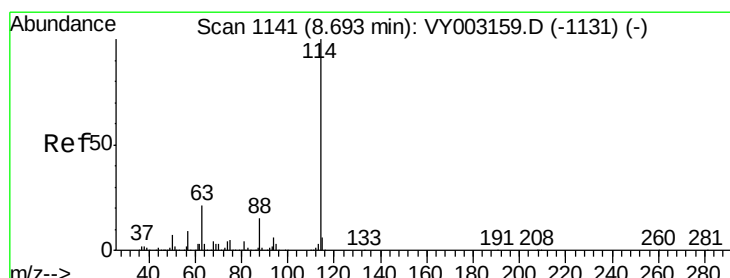
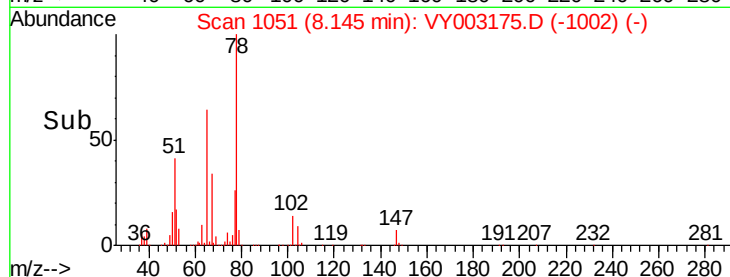
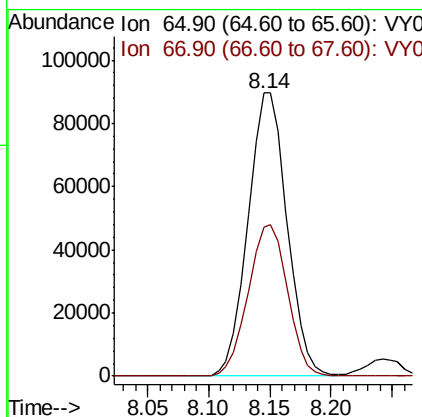
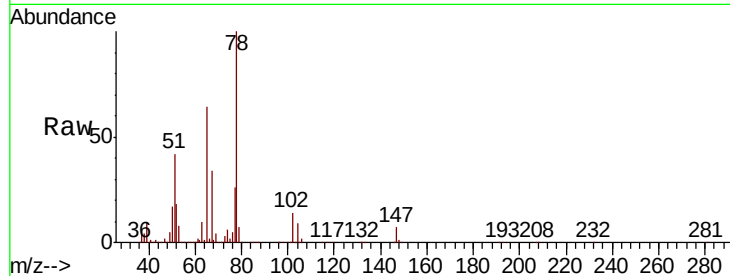
#33
 1,2-Dichloroethane-d4
 Concen: 49.011 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199225		
67	54.1	0.0	105.2	

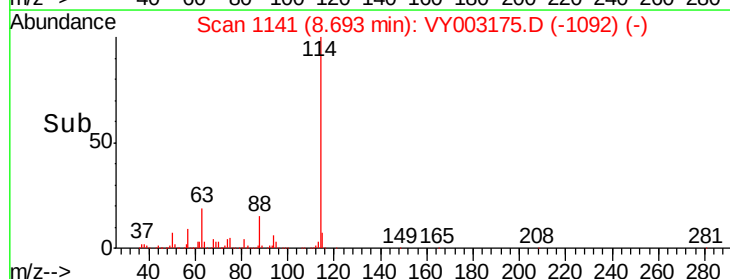
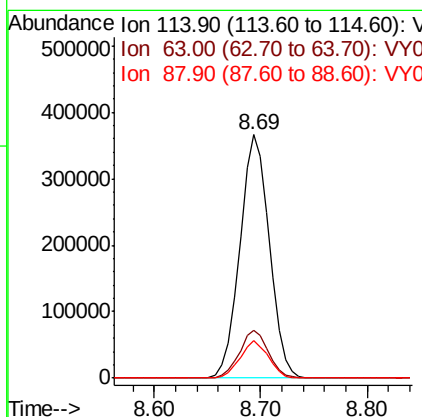
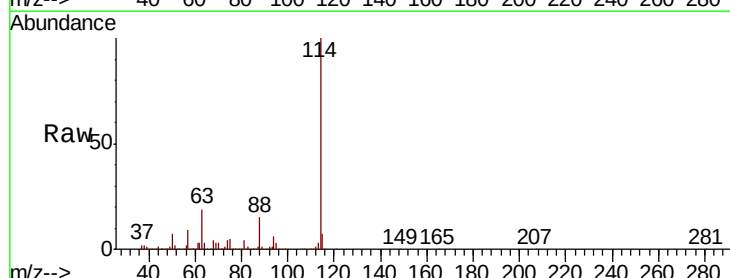
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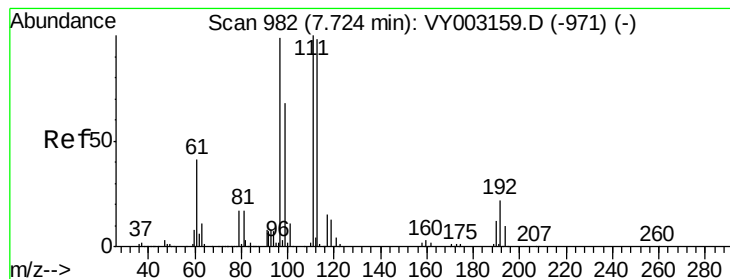
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	713159		
63	19.4	0.0	41.2	
88	15.4	0.0	30.2	





#35

Dibromofluoromethane

Concen: 47.096 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

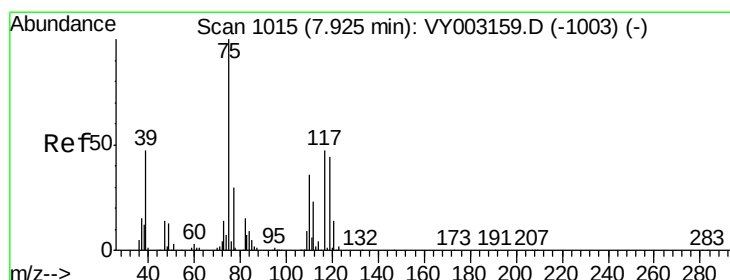
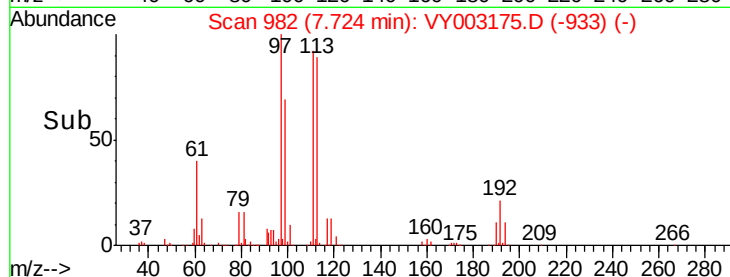
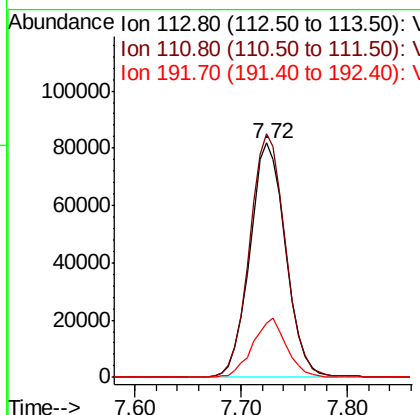
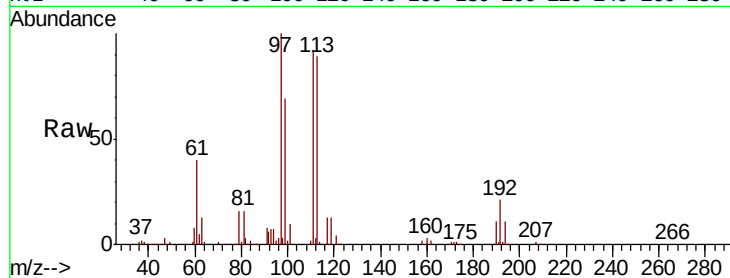
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	193284
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.1	123.1
192	23.7	18.8	28.2

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#36

1,1-Dichloropropene

Concen: 48.912 ug/l

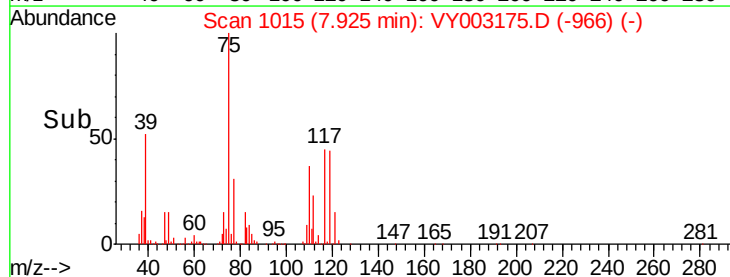
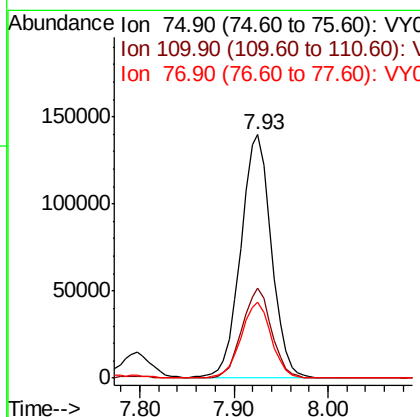
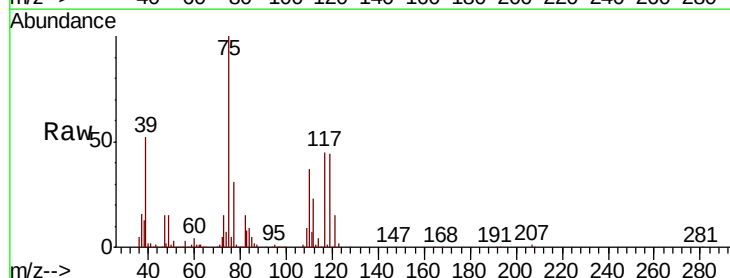
RT: 7.93 min Scan# 1015

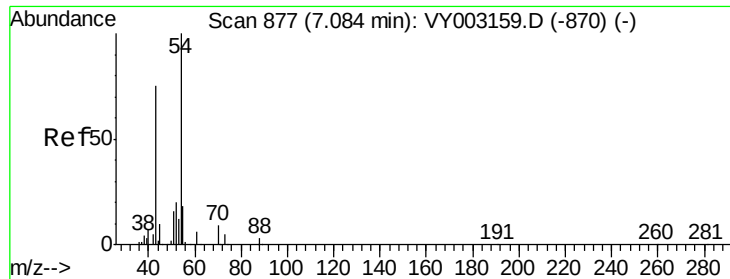
Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion:	75	Resp:	316144
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.1
77	31.1	24.8	37.2





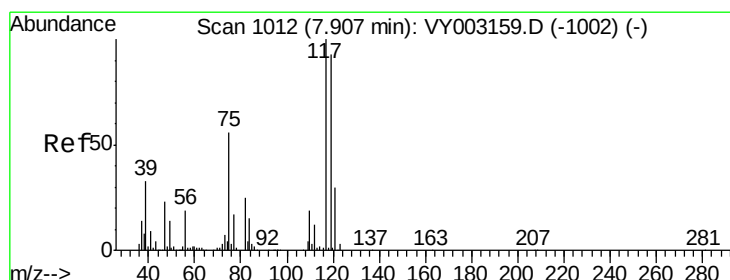
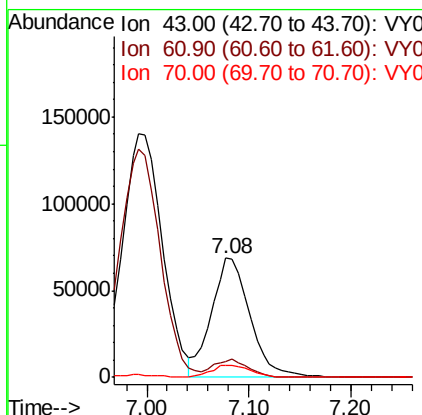
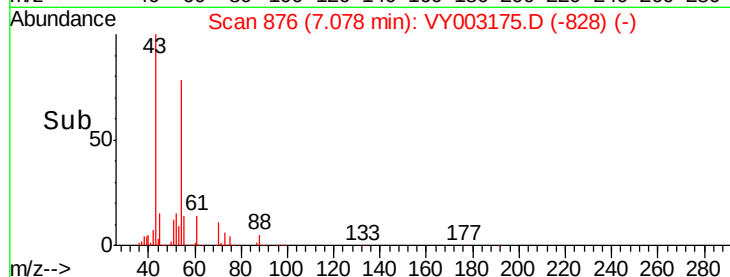
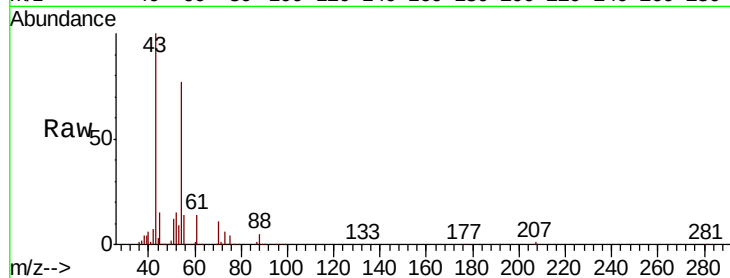
#37
Ethyl Acetate
Concen: 51.887 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	180610
Ion Ratio	Lower	Upper	
43	100		
61	13.8	11.8	17.6
70	10.5	8.6	13.0

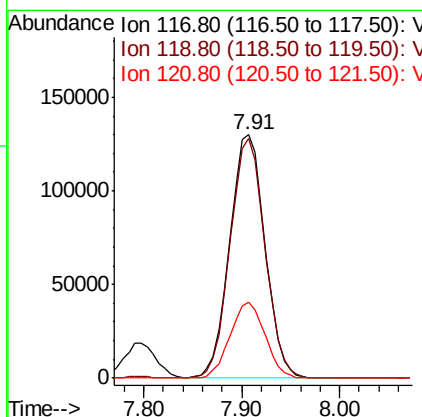
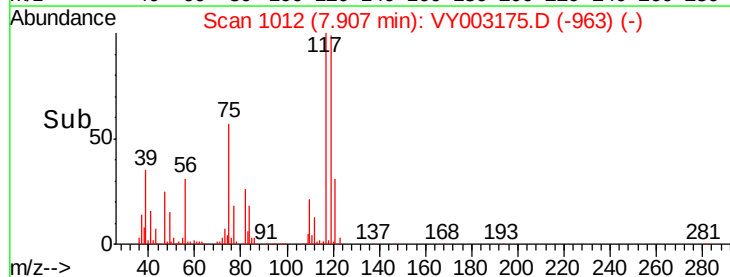
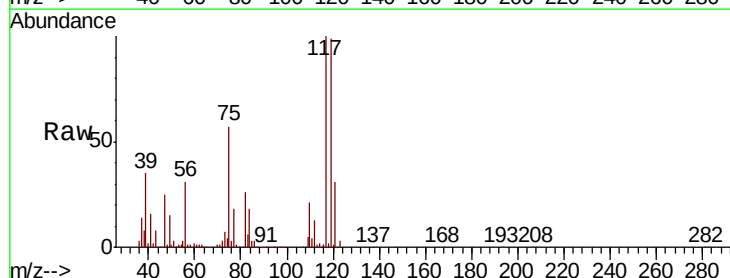
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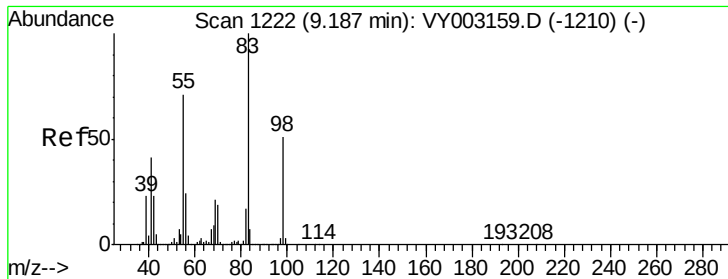
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#38
Carbon Tetrachloride
Concen: 48.730 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	117	Resp	325164
Ion Ratio	Lower	Upper	
117	100		
119	98.5	74.5	111.7
121	31.1	24.2	36.2





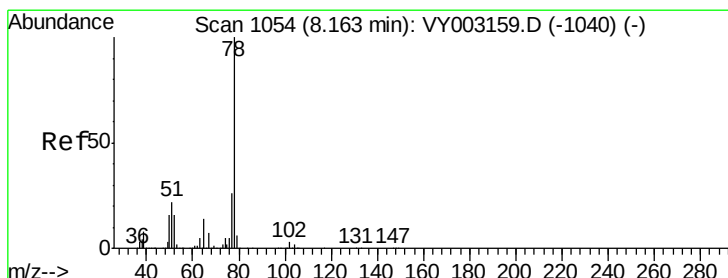
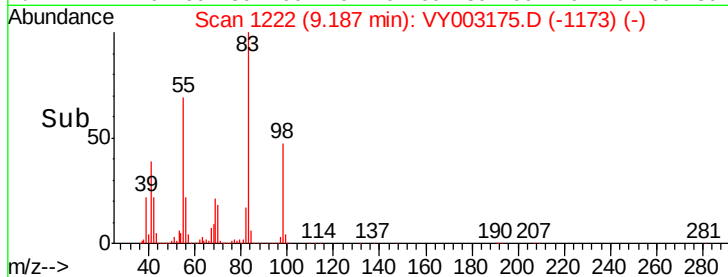
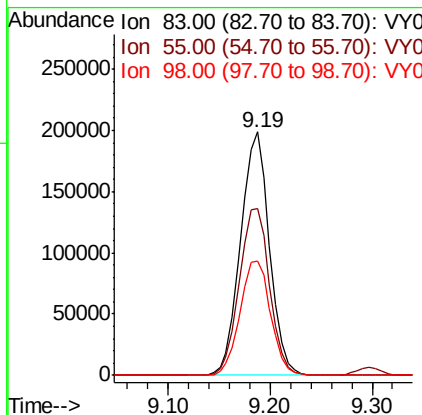
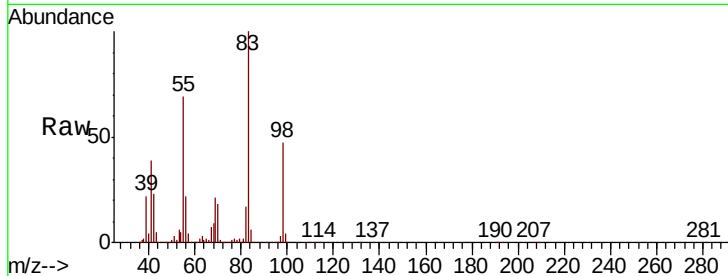
#39
Methylvlcyclohexane
Concen: 48.025 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.5	57.2	85.8
98	47.2	41.0	61.6

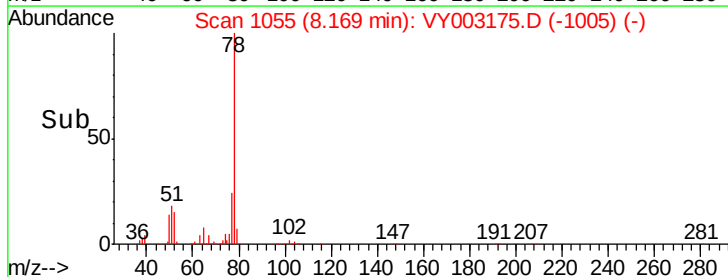
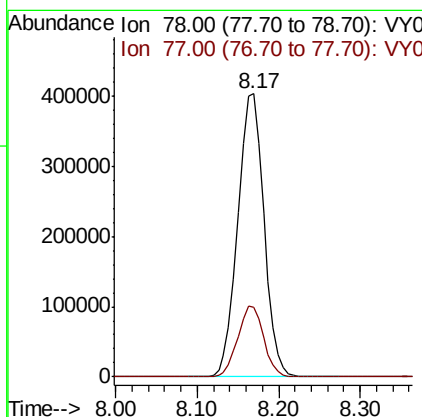
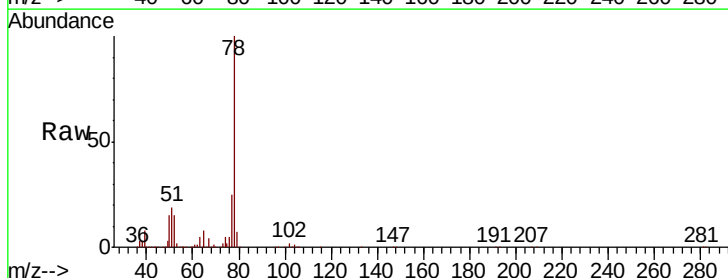
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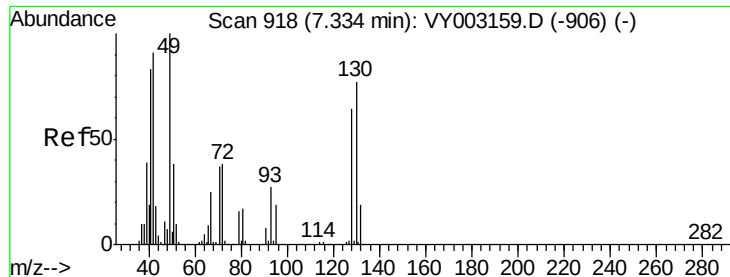
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#40
Benzene
Concen: 50.275 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	20.7	31.1





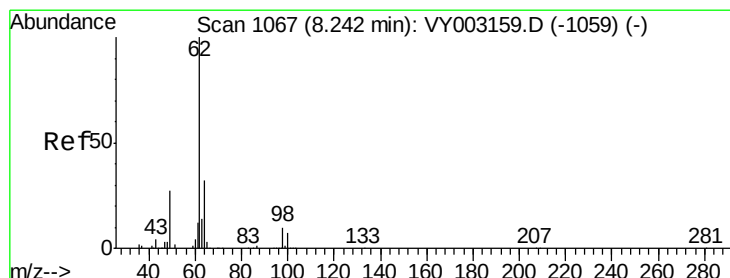
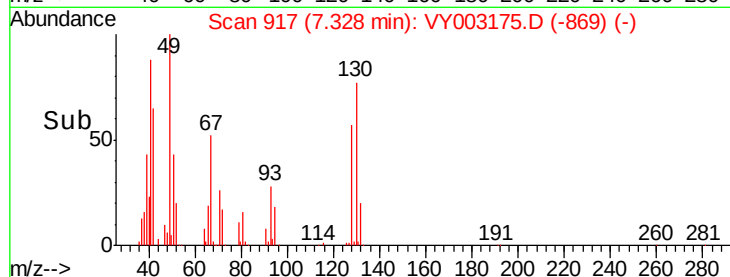
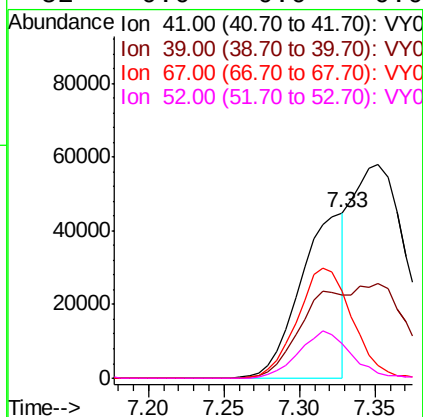
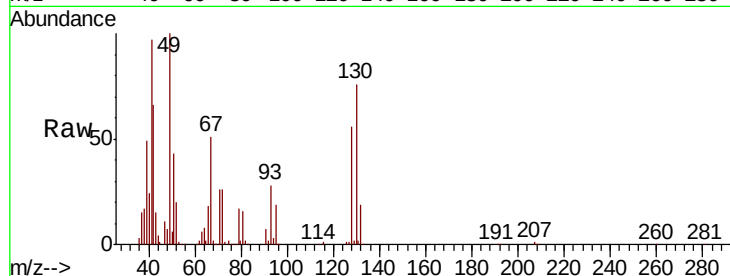
#41
Methacrylonitrile
Concen: 43.034 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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

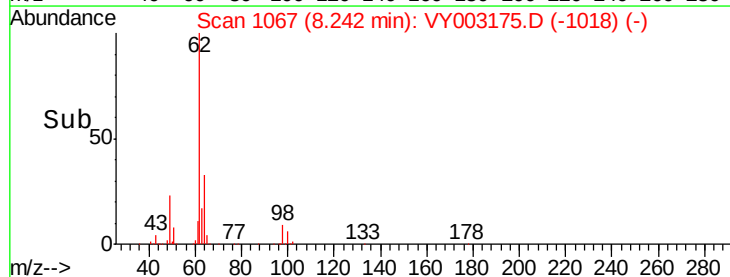
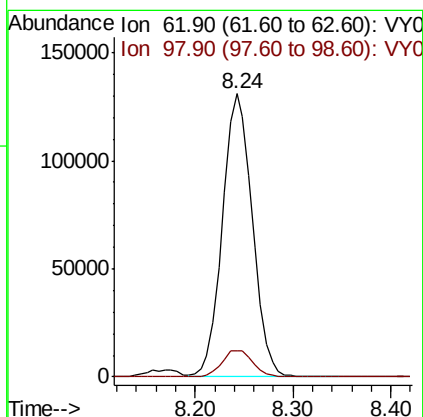
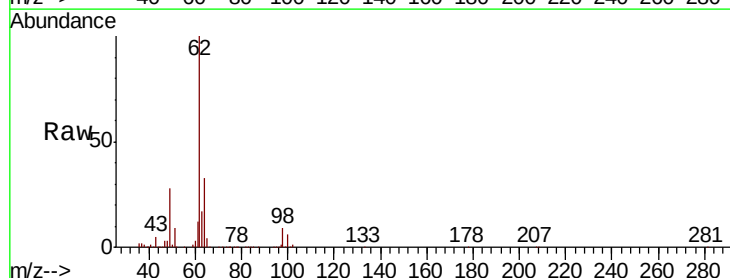
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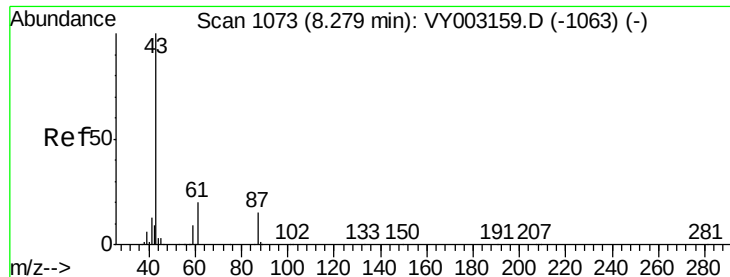
MMDadoda
7/13/2020 10:48:08 AM



#42
1,2-Dichloroethane
Concen: 50.770 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0





#43

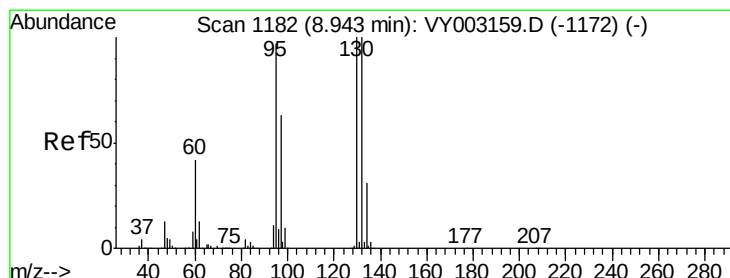
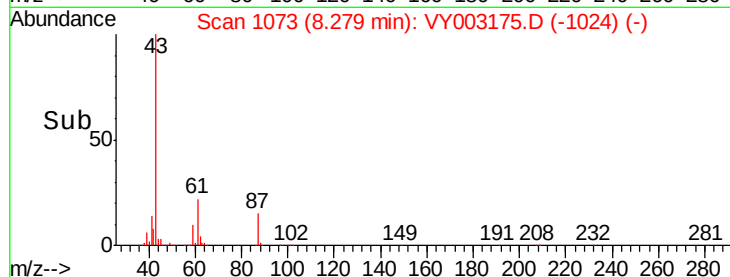
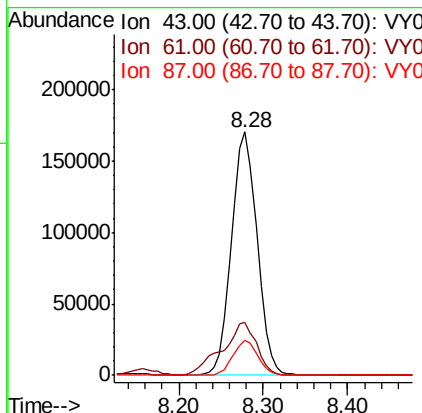
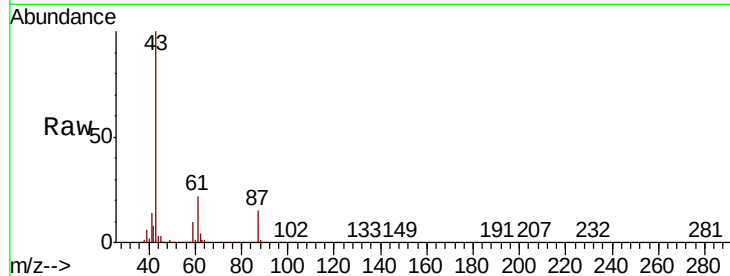
Isopropyl Acetate
 Concen: 52.131 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.7	35.5
87	13.9	11.4	17.0

Manual Integrations
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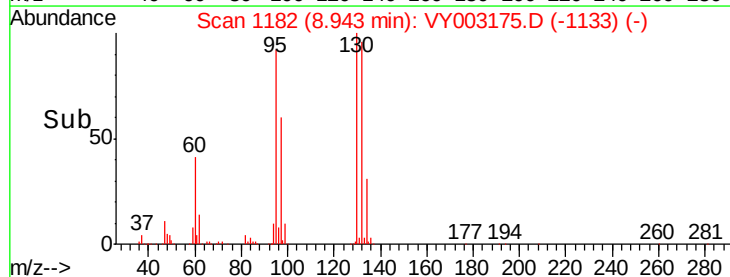
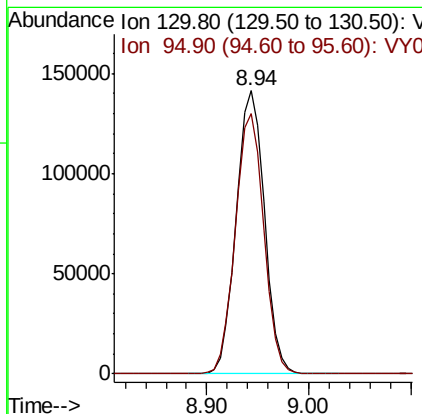
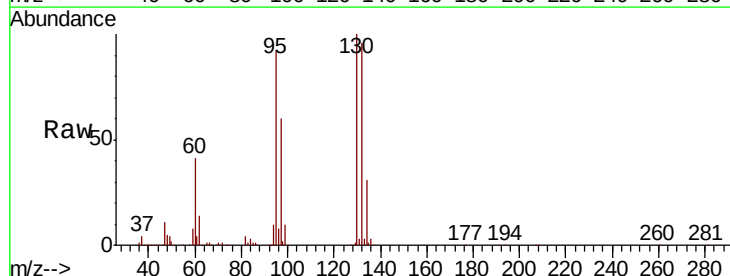
MMDadoda
 7/13/2020 10:48:08 AM

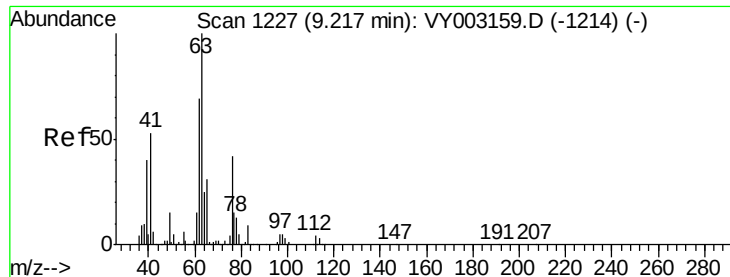


#44

Trichloroethene
 Concen: 49.706 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	193.8





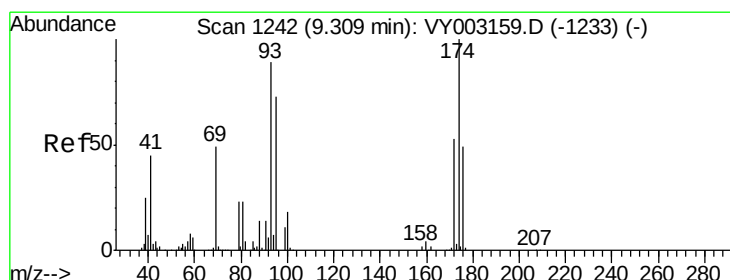
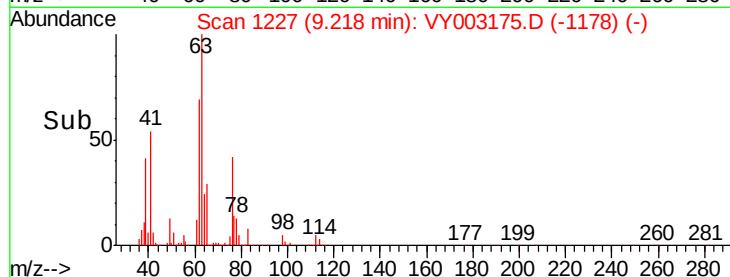
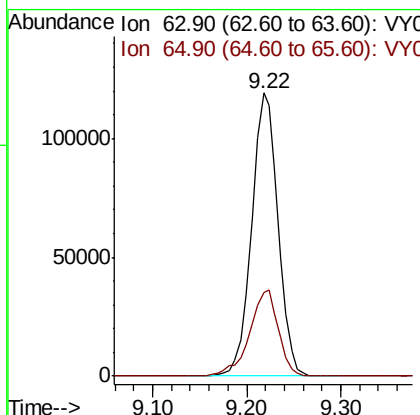
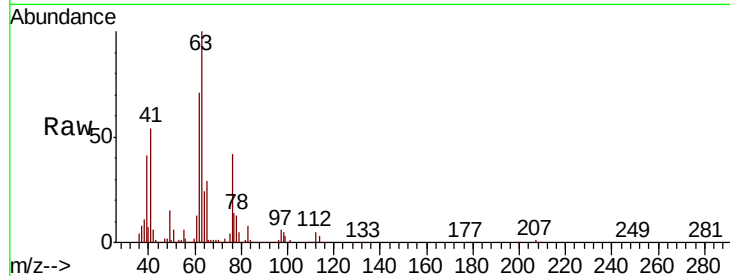
#45
 1,2-Dichloropropane
 Concen: 50.787 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	25.0	37.4

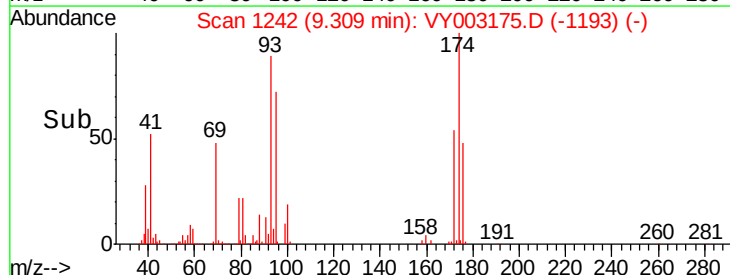
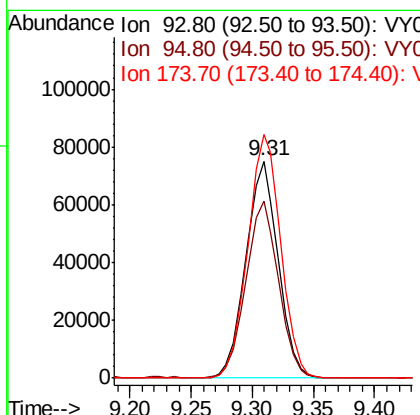
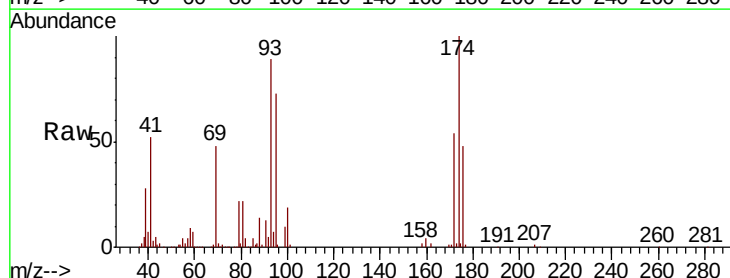
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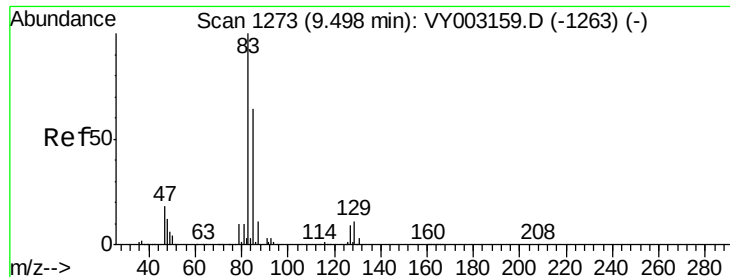
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#46
 Dibromomethane
 Concen: 51.277 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.6	99.8
174	114.8	90.2	135.4





#47

Bromodichloromethane

Concen: 51.853 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

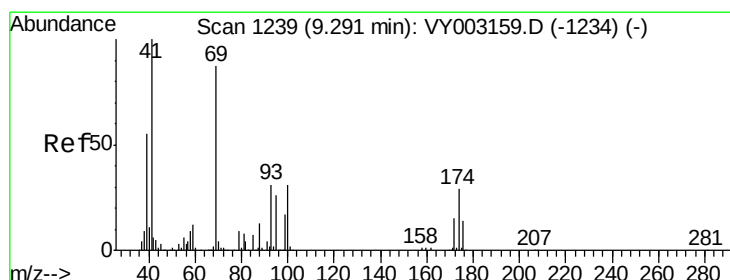
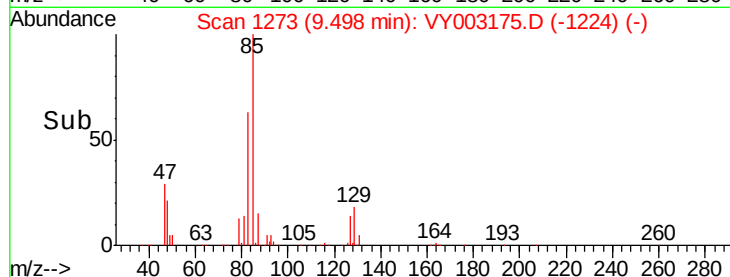
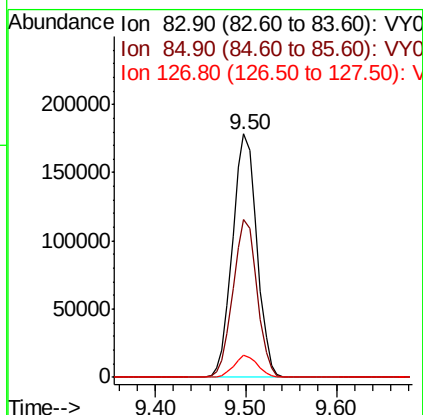
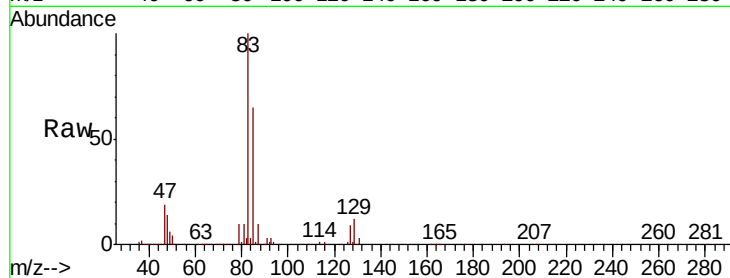
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	331703
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.9	76.3
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.561 ug/l

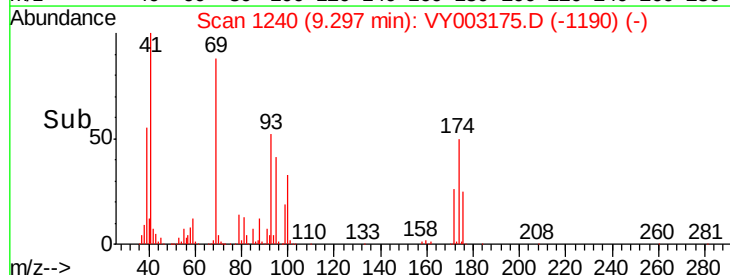
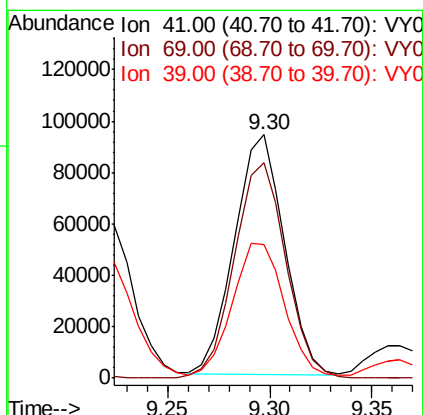
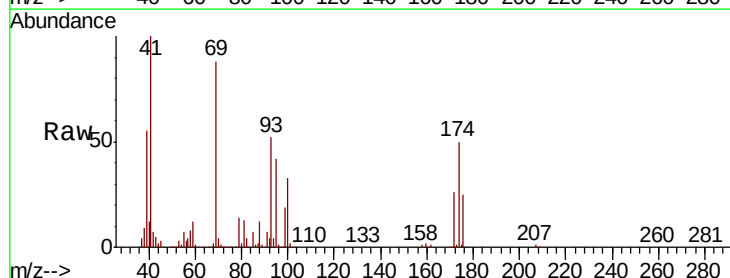
RT: 9.30 min Scan# 1240

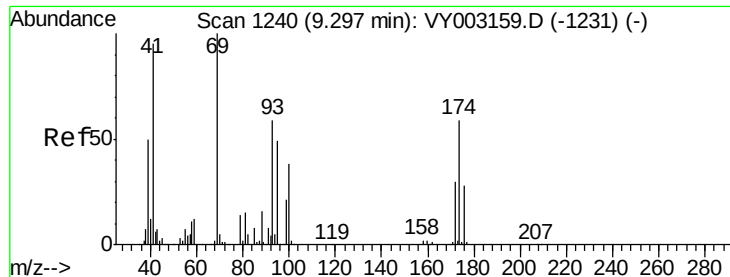
Delta R.T. 0.01 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion:	41	Resp:	158319
Ion	Ratio	Lower	Upper
41	100		
69	92.8	74.5	111.7
39	59.2	47.5	71.3





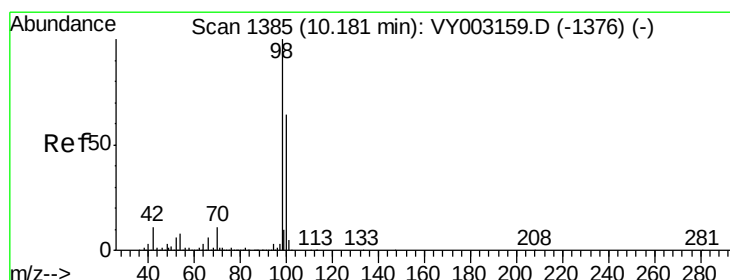
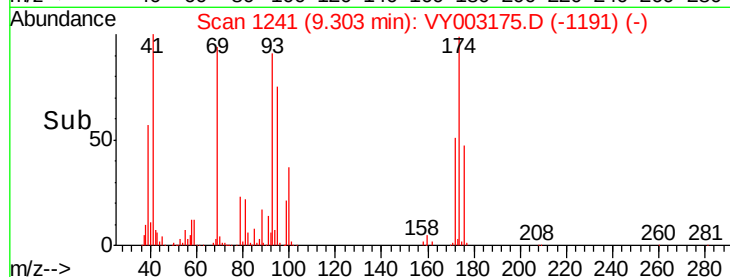
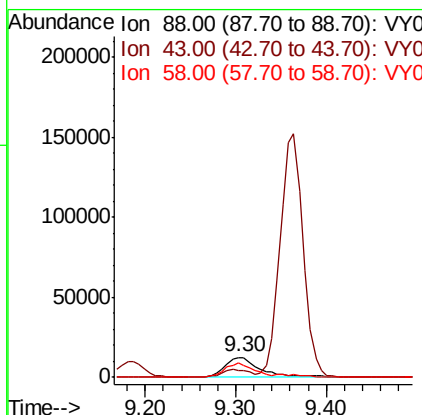
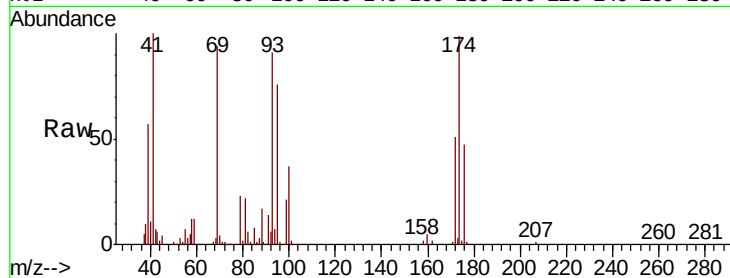
#49
1,4-Dioxane
Concen: 985.802 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	25.6	38.4
58	64.9	47.8	71.6

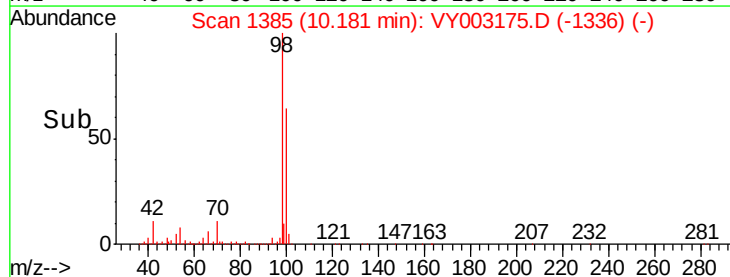
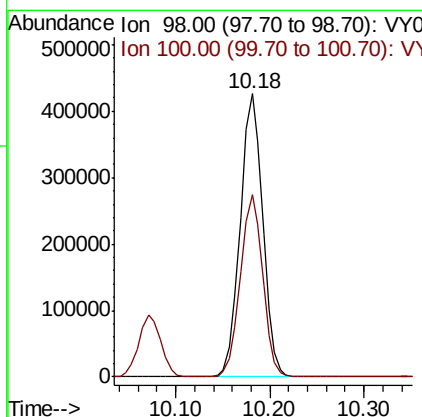
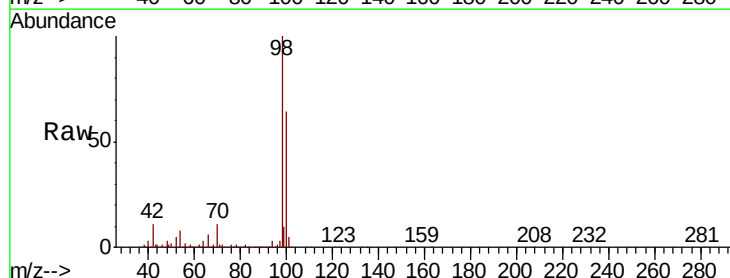
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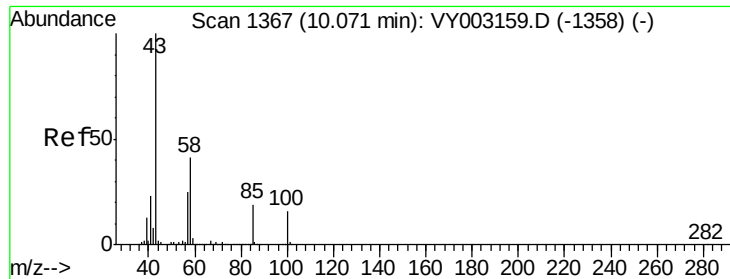
MMDadoda
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#50
Toluene-d8
Concen: 46.581 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 260.555 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 912464

Ion Ratio Lower Upper

43 100

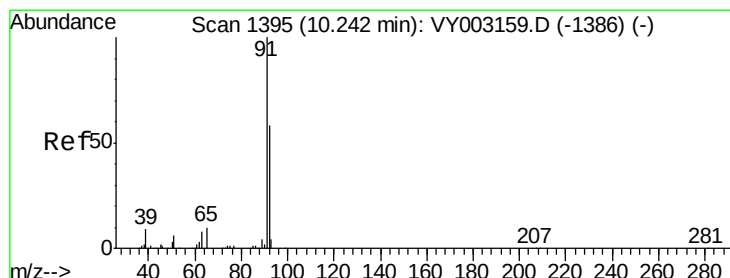
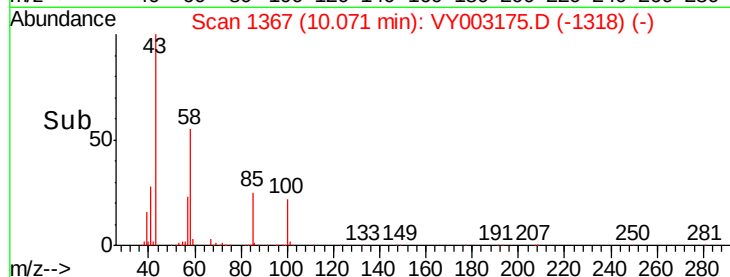
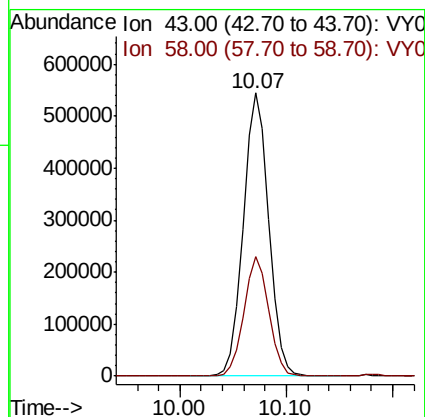
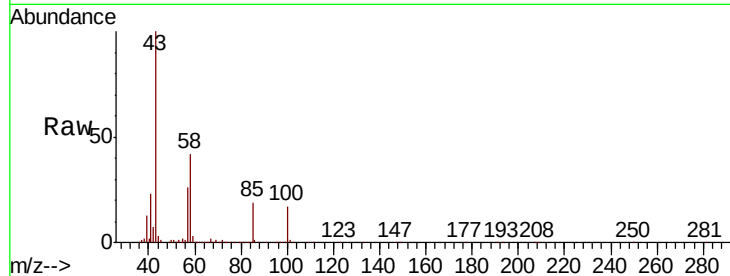
58 41.3 32.7 49.1

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#52

Toluene

Concen: 50.886 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003175.D

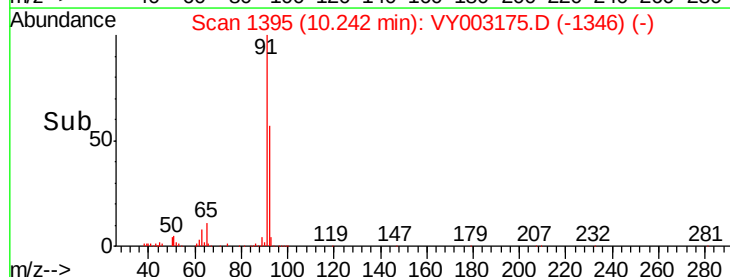
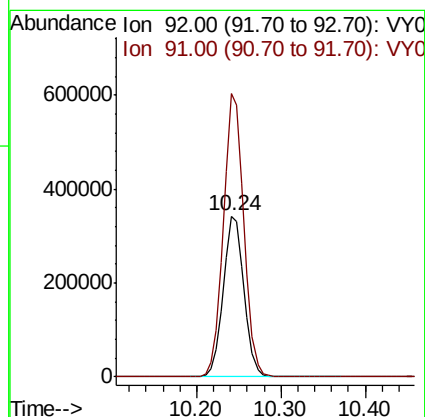
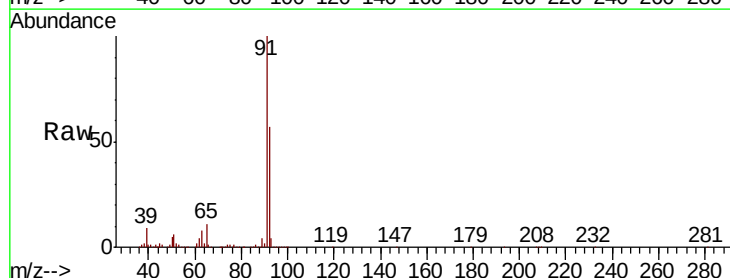
Acq: 10 Jul 2020 19:58

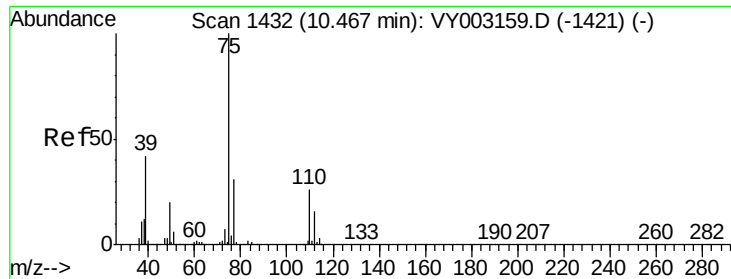
Tgt Ion: 92 Resp: 578852

Ion Ratio Lower Upper

92 100

91 174.3 139.7 209.5





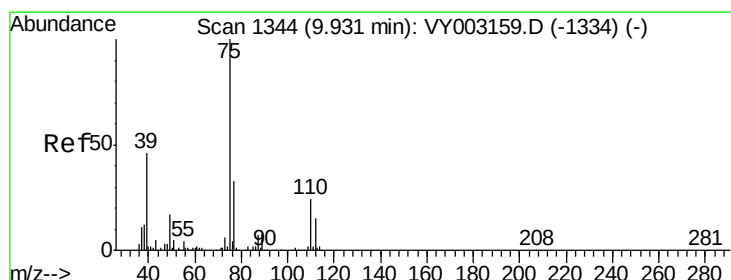
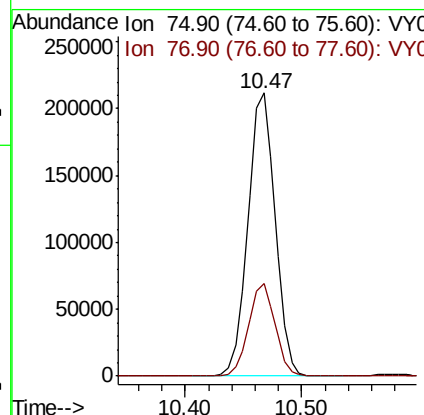
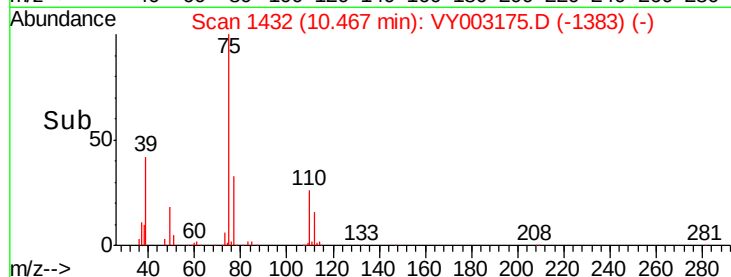
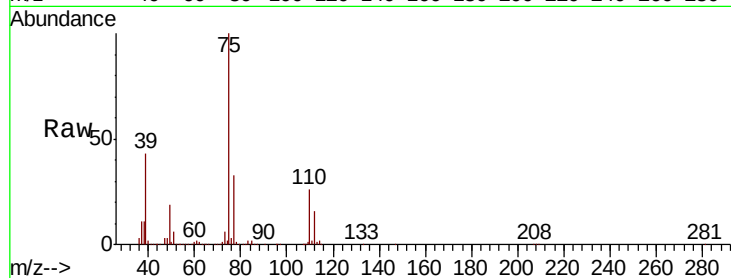
#53
t-1,3-Dichloropropene
Concen: 52.288 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 346560
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8

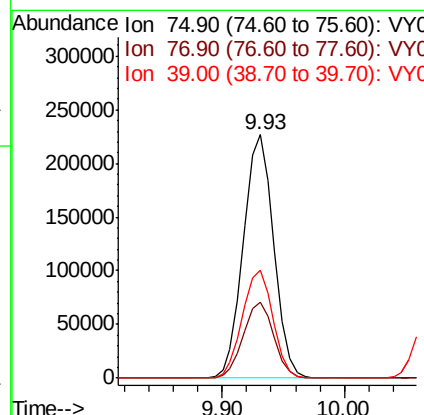
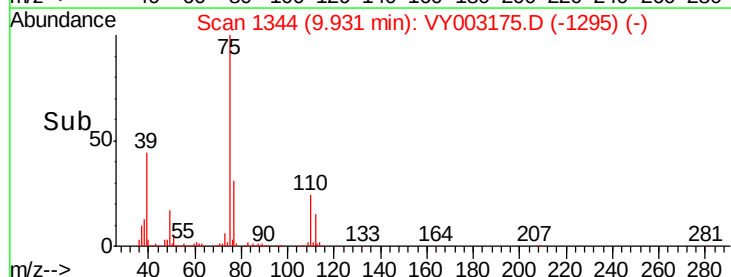
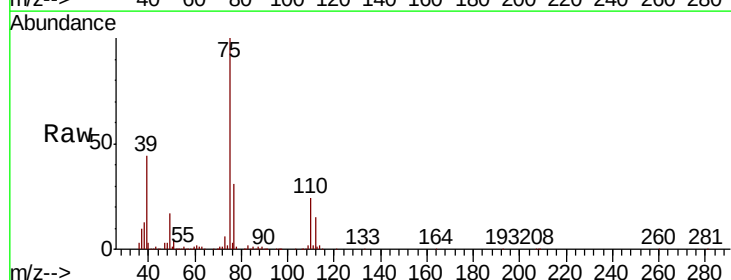
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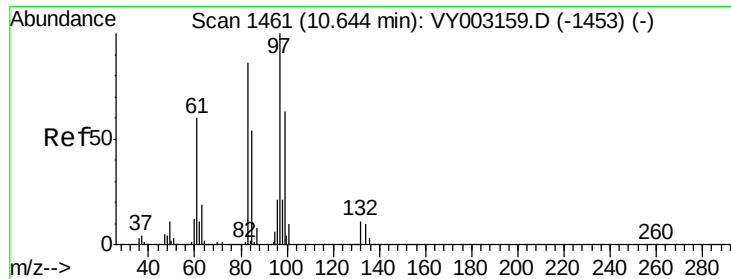
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#54
cis-1,3-Dichloropropene
Concen: 51.057 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion: 75 Resp: 389899
Ion Ratio Lower Upper
75 100
77 31.2 26.7 40.1
39 44.4 37.0 55.6





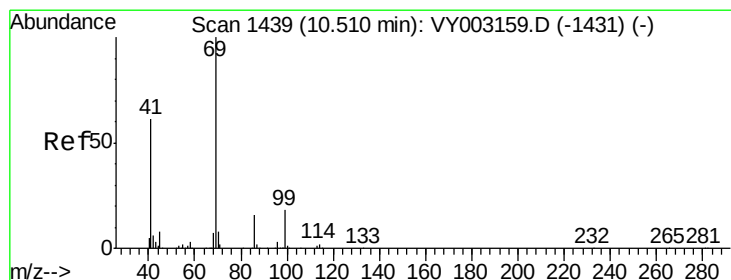
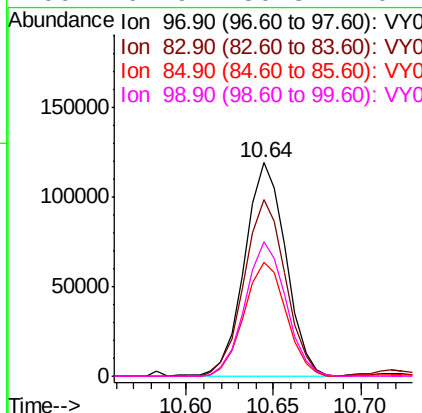
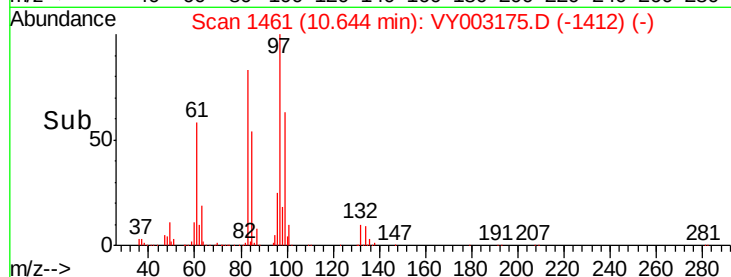
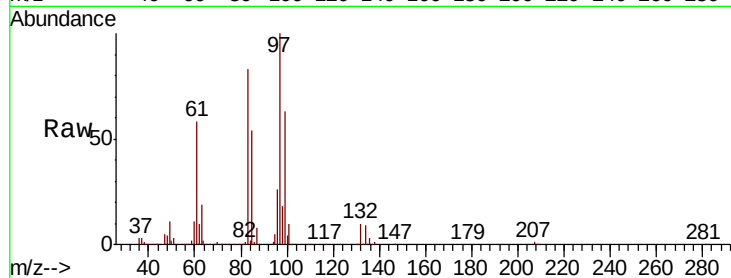
#55
 1,1,2-Trichloroethane
 Concen: 51.322 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	195610
Ion	Ratio	Lower	Upper
97	100		
83	82.5	68.8	103.2
85	53.7	43.1	64.7
99	62.9	50.8	76.2

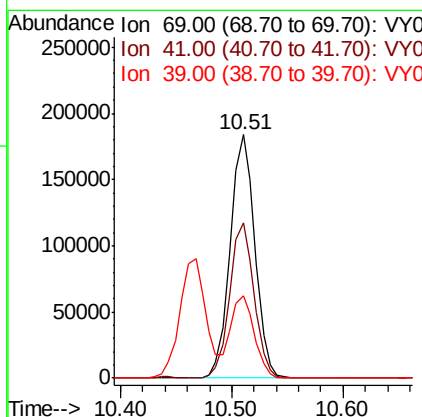
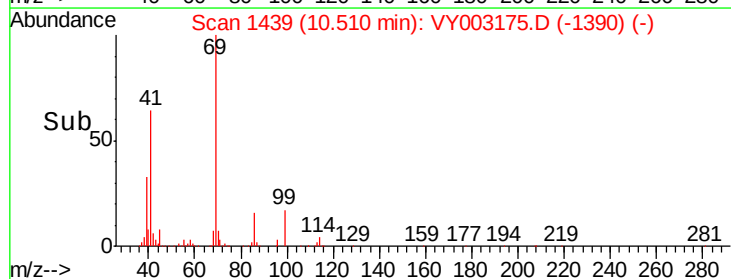
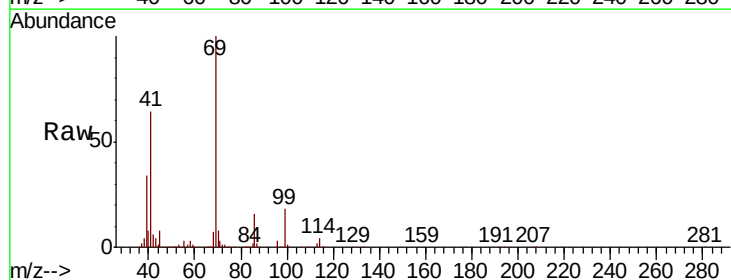
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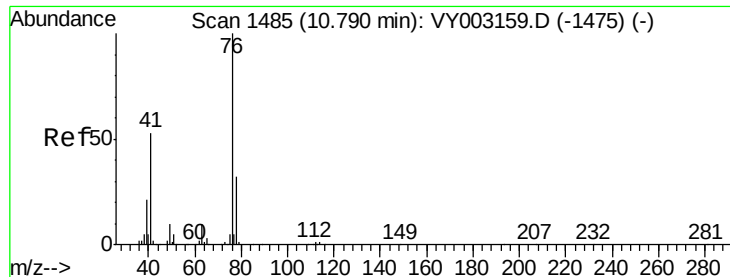
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#56
 Ethyl methacrylate
 Concen: 54.251 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	69	Resp	281114
Ion	Ratio	Lower	Upper
69	100		
41	62.8	50.0	75.0
39	31.6	27.6	41.4





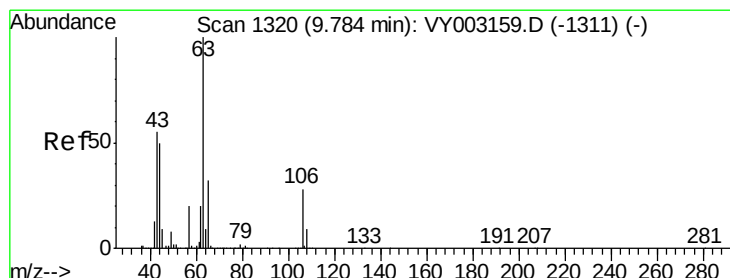
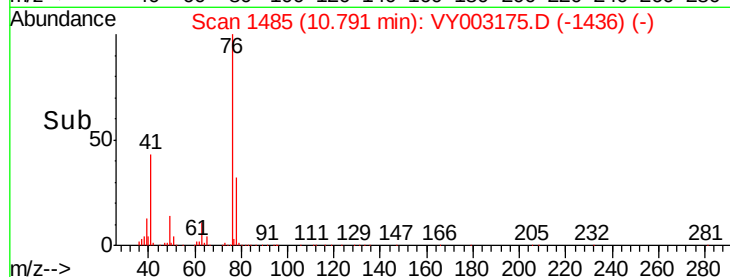
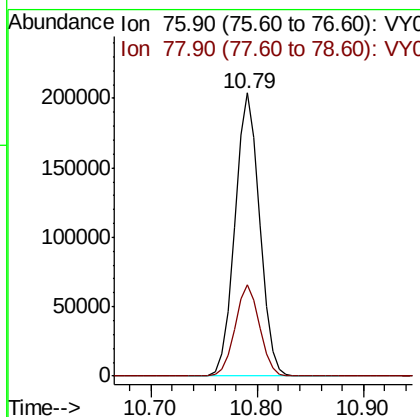
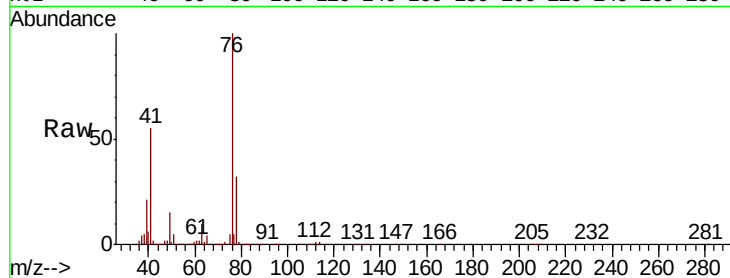
#57
 1,3-Dichloropropane
 Concen: 51.270 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.0	39.0

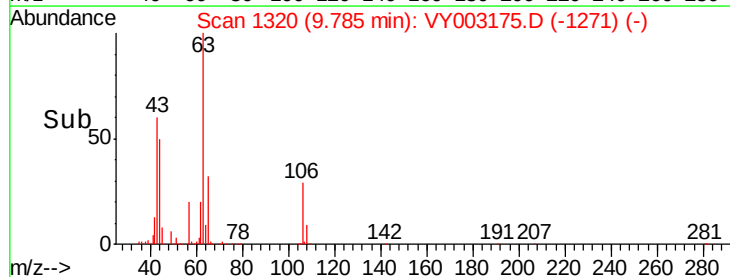
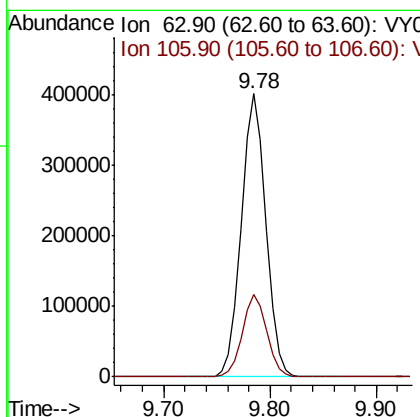
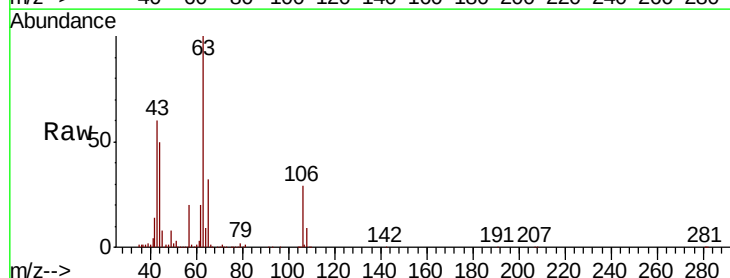
Manual Integrations
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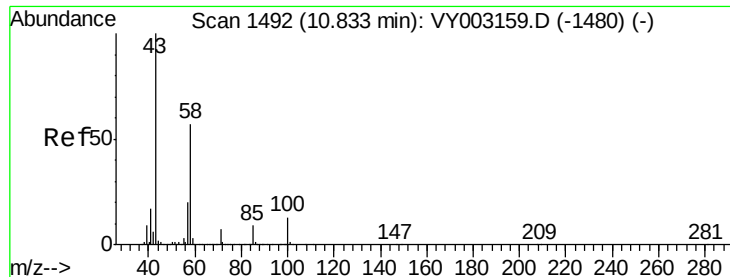
MMDadoda
 7/13/2020 10:48:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.616 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	22.9	34.3





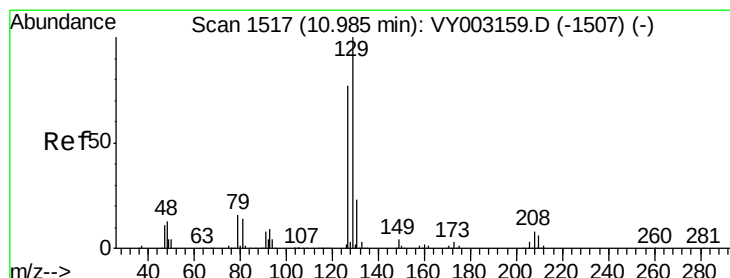
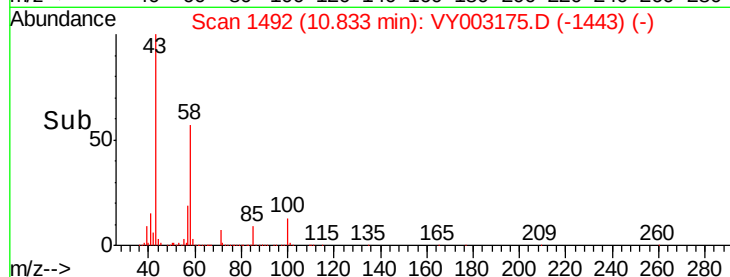
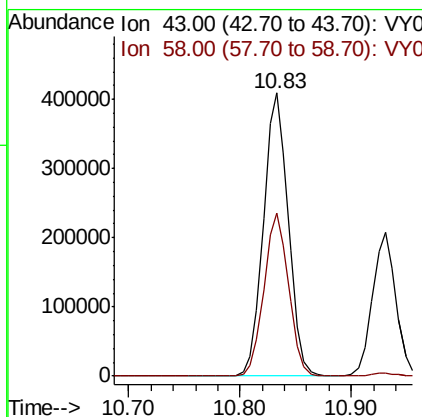
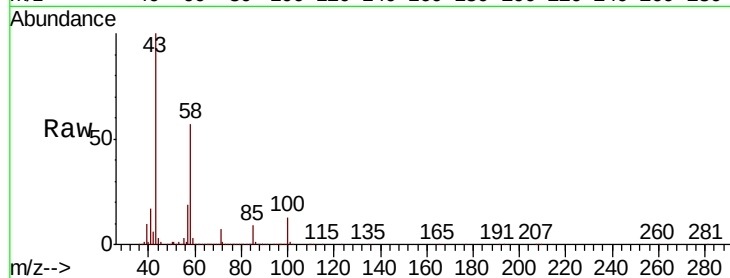
#59
2-Hexanone
Concen: 260.625 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.2	28.3	85.0

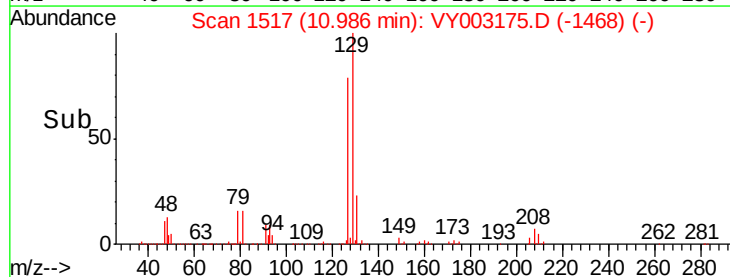
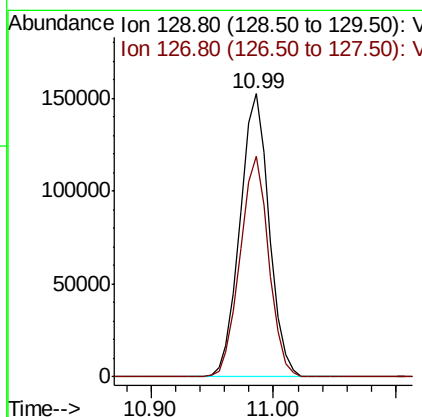
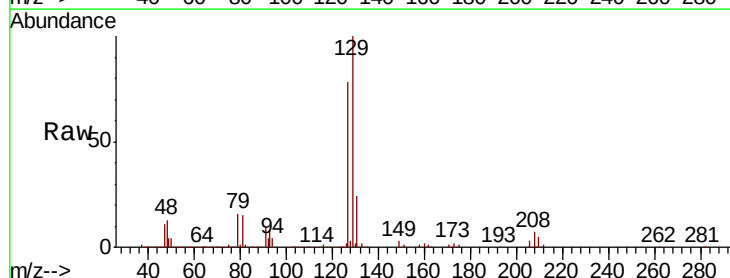
Manual Integrations
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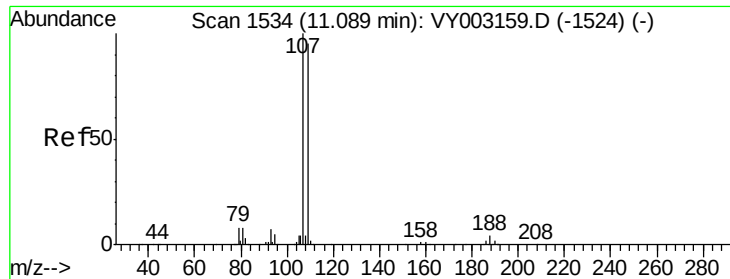
MMDadoda
7/13/2020 10:48:08 AM



#60
Dibromochloromethane
Concen: 52.446 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.5	115.5





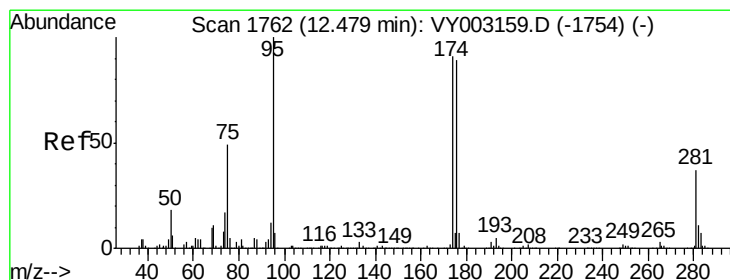
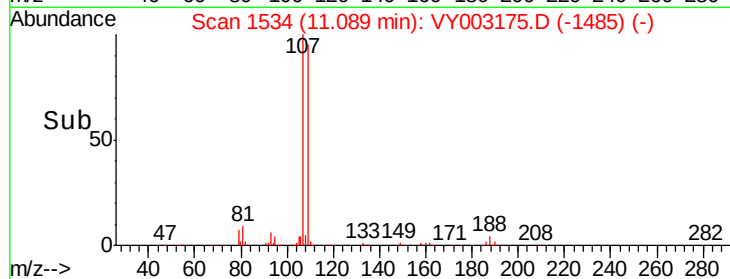
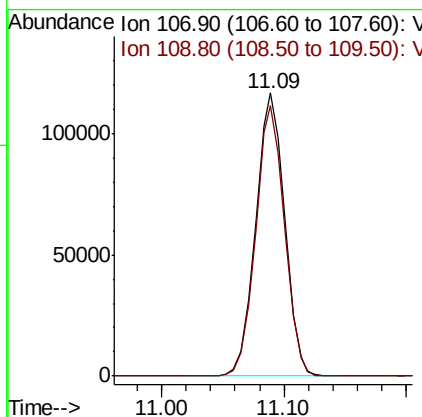
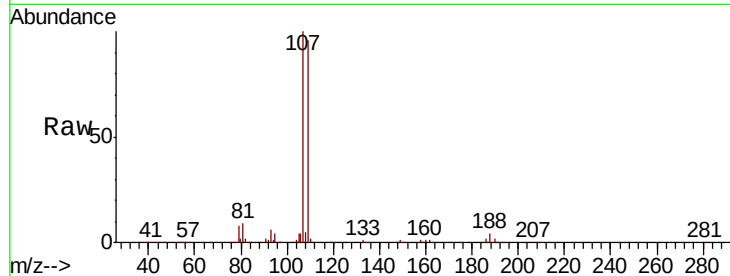
#61
1,2-Dibromoethane
Concen: 51.016 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.6	113.4

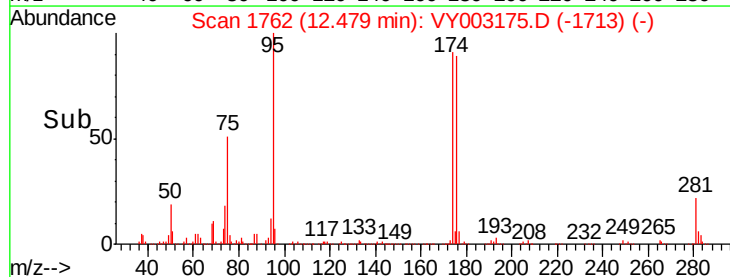
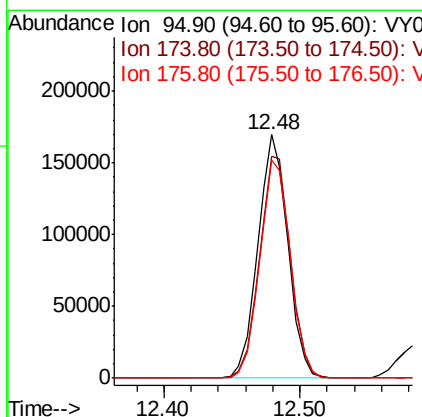
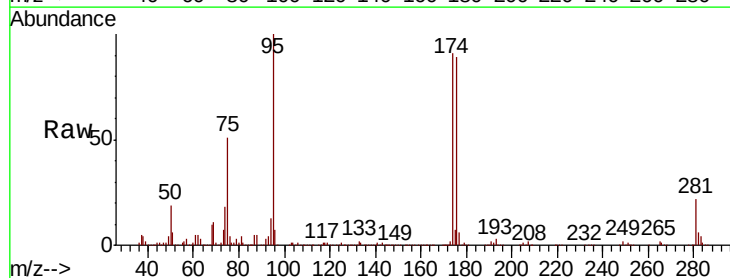
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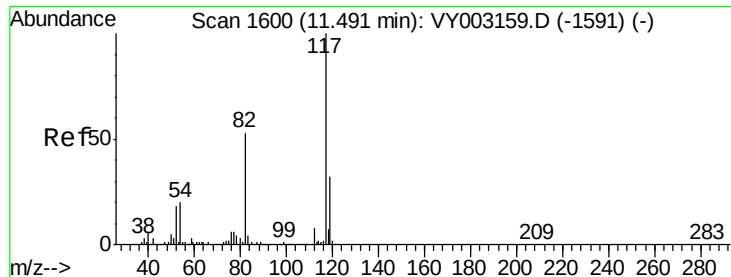
MMDadoda
7/13/2020 10:48:08 AM



#62
4-Bromofluorobenzene
Concen: 47.332 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	190.6
176	91.5	0.0	186.4





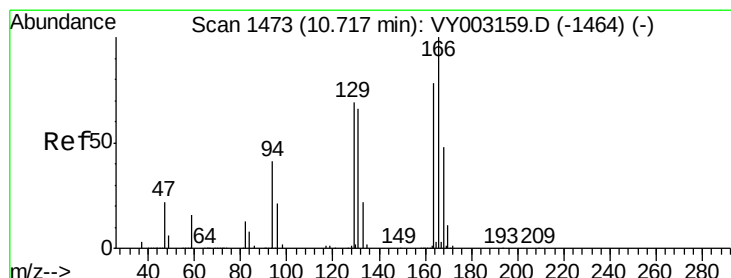
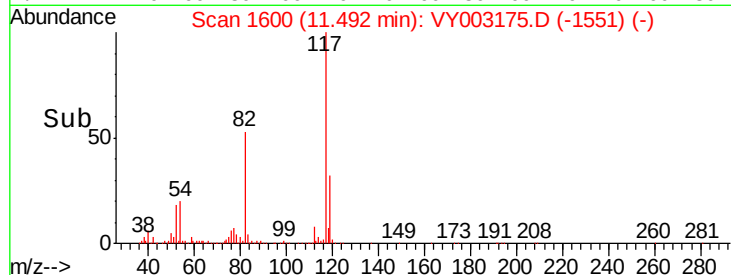
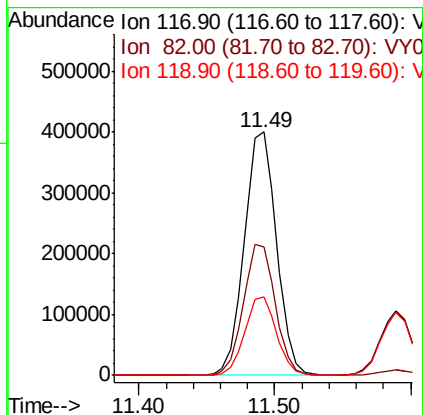
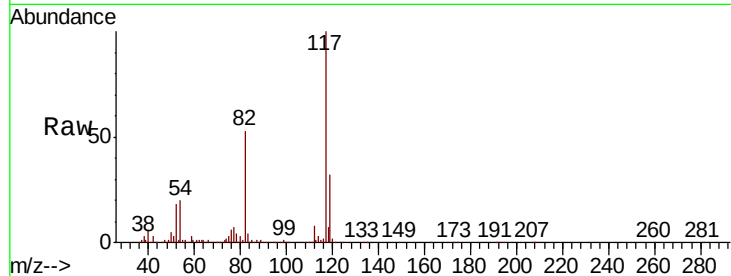
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.0	63.0
119	32.2	25.5	38.3

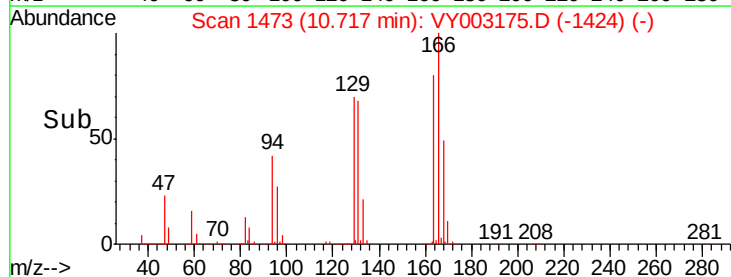
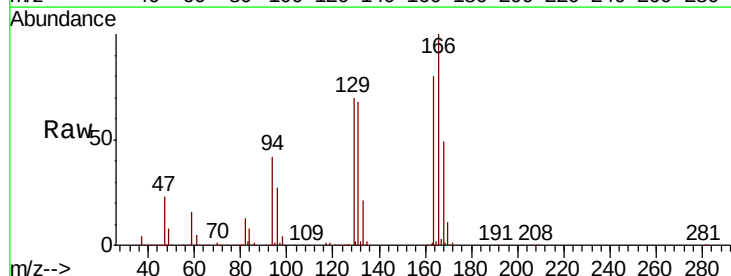
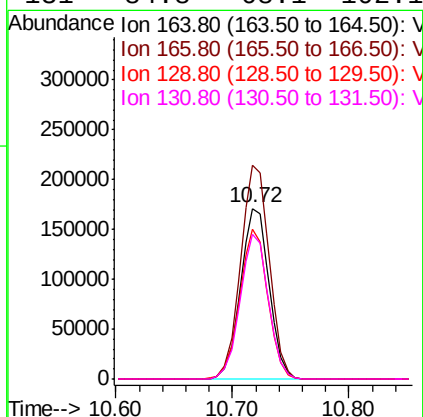
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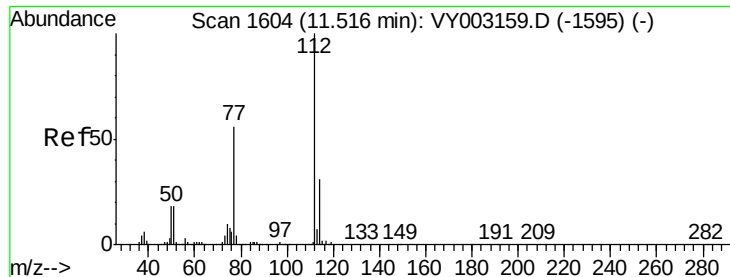
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#64
Tetrachloroethene
Concen: 49.403 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	102.9	154.3
129	88.0	71.4	107.2
131	84.8	68.1	102.1





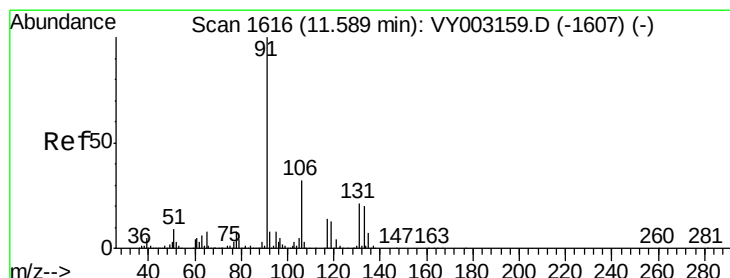
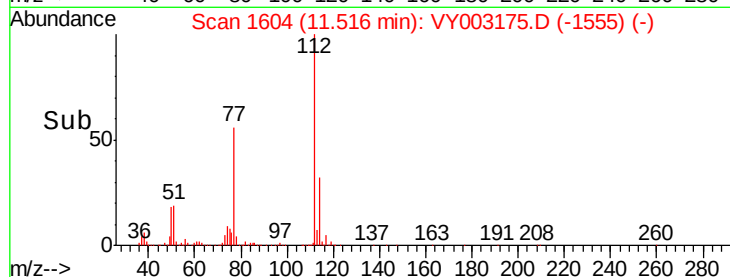
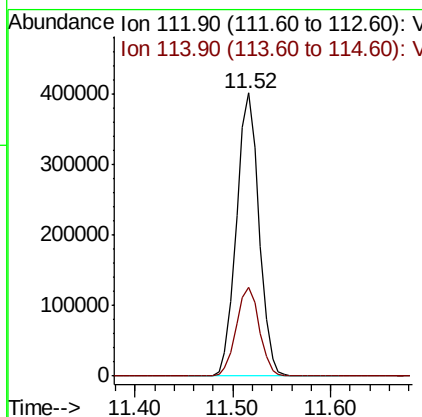
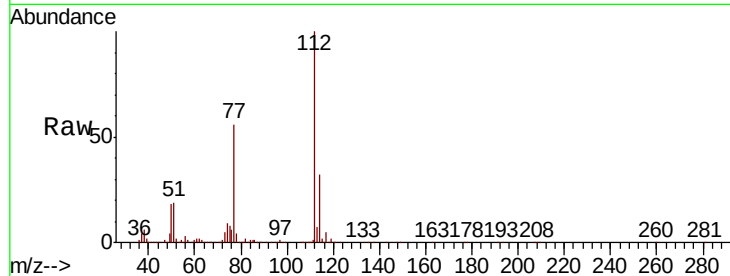
#65
Chlorobenzene
Concen: 50.220 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 640295
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1

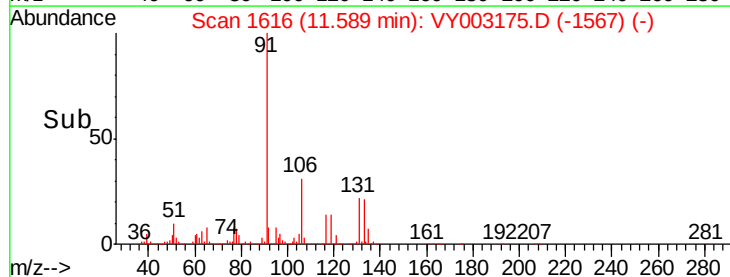
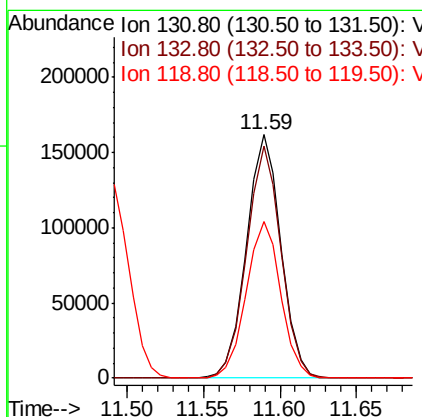
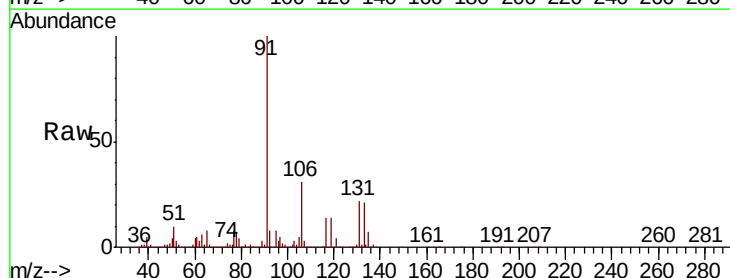
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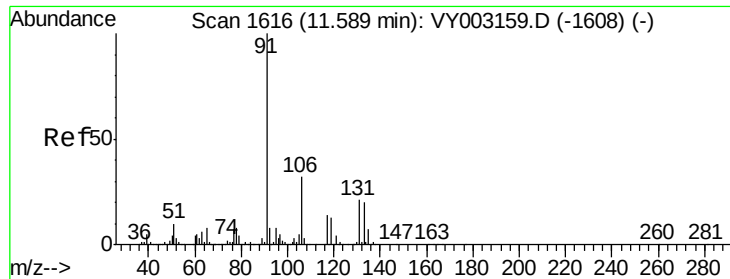
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.177 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion:131 Resp: 253428
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 64.7 32.4 97.0





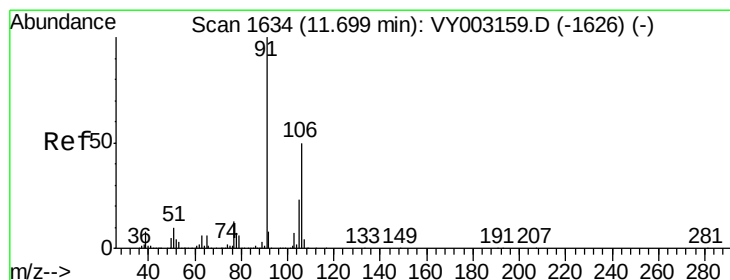
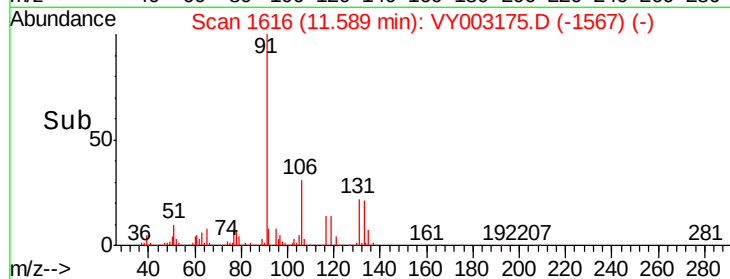
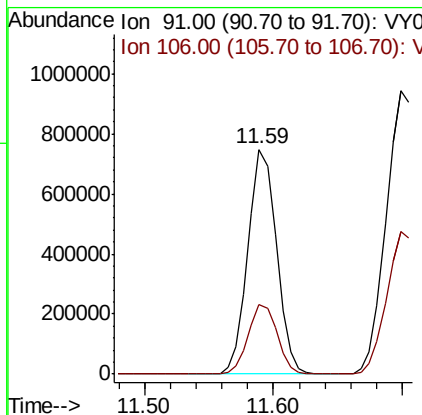
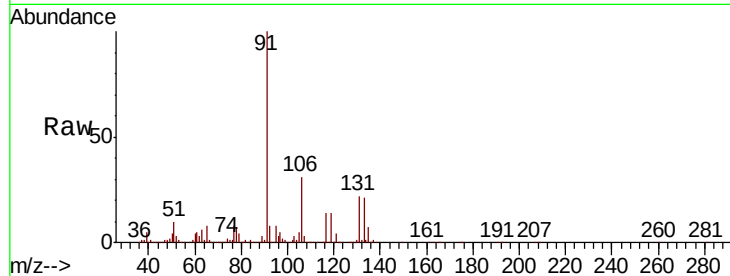
#67
Ethyl Benzene
Concen: 50.356 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1146344
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

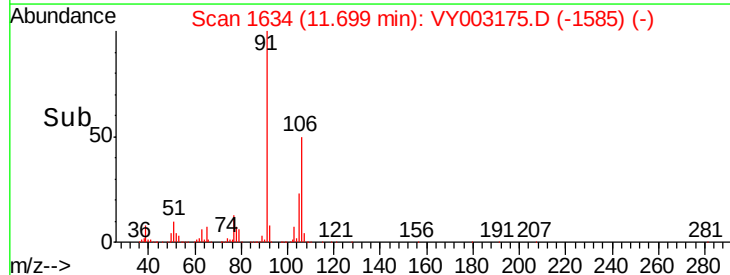
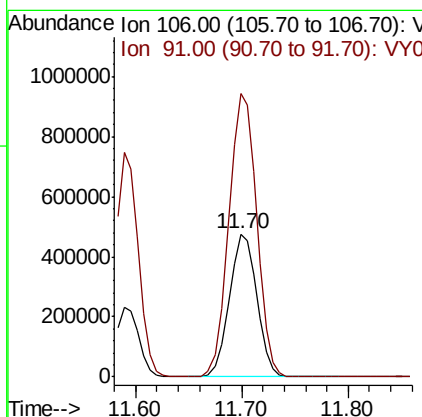
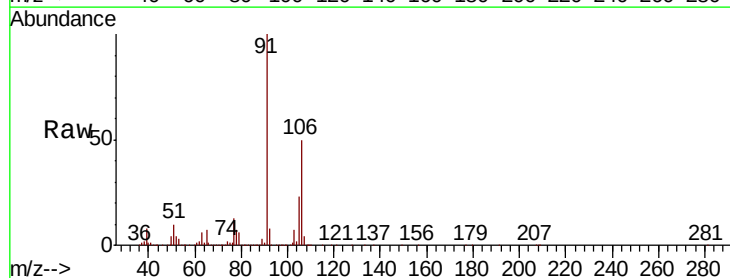
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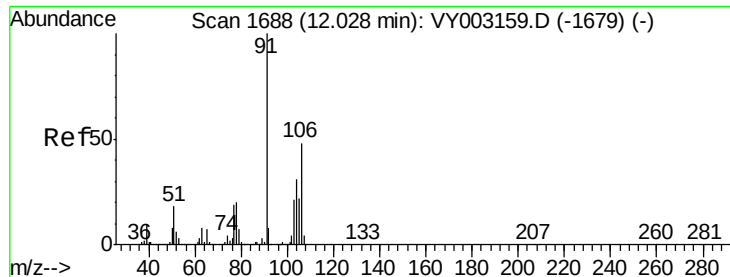
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#68
m/p-Xylenes
Concen: 99.549 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion: 106 Resp: 859864
Ion Ratio Lower Upper
106 100
91 201.4 159.0 238.6





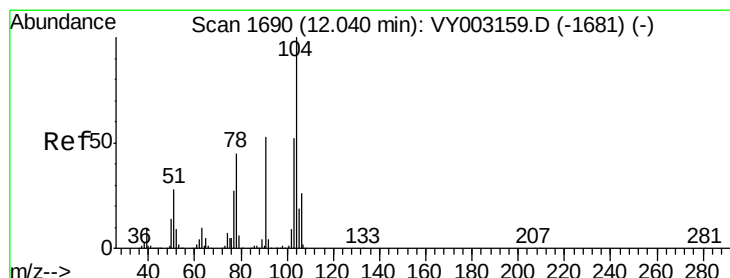
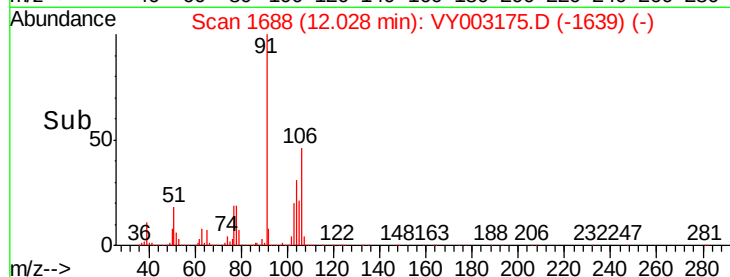
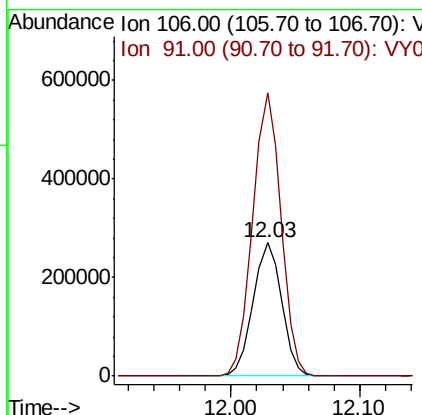
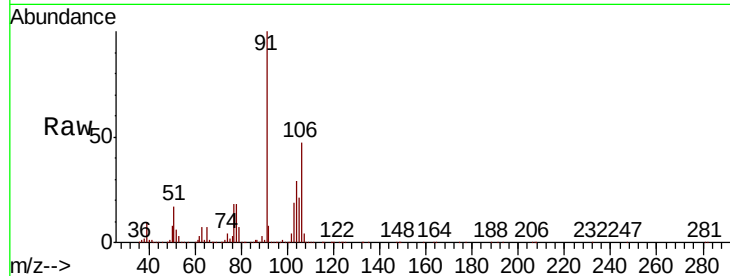
#69
o-Xylene
Concen: 51.165 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.6	105.1	315.1	

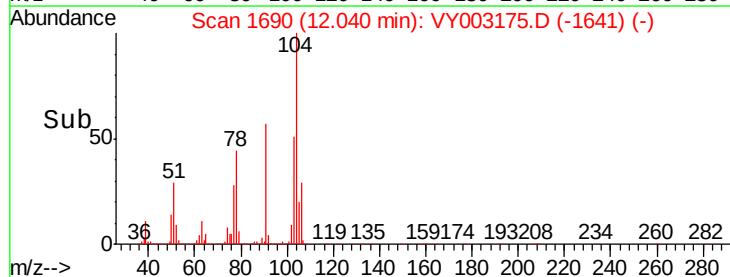
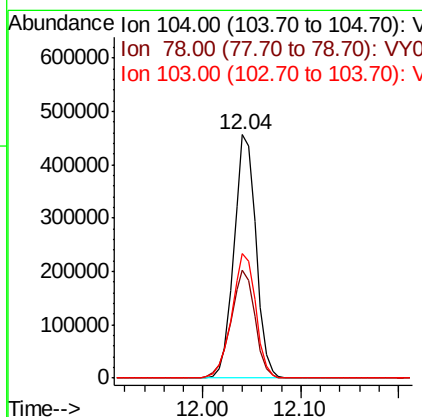
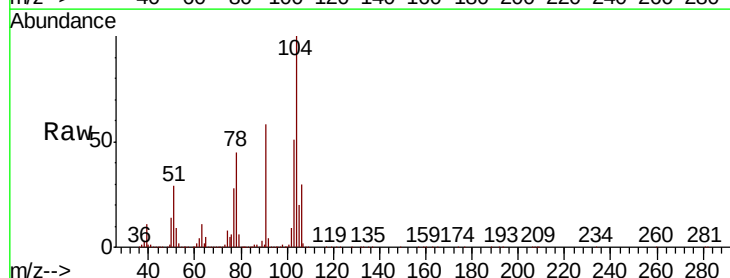
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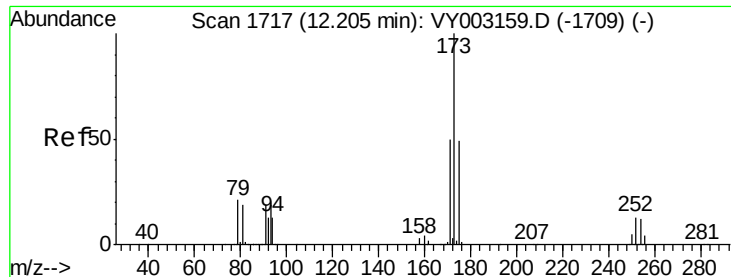
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#70
Styrene
Concen: 51.591 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.4	38.5	57.7	
103	55.2	43.9	65.9	





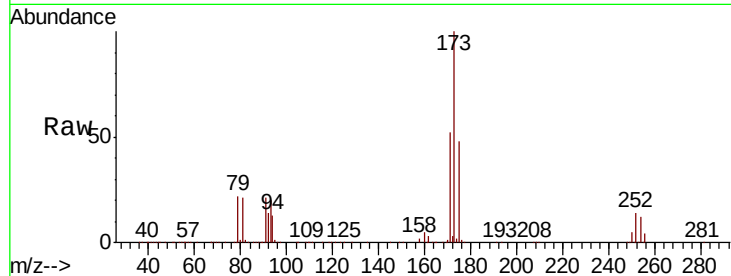
#71
Bromoform
Concen: 51.620 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

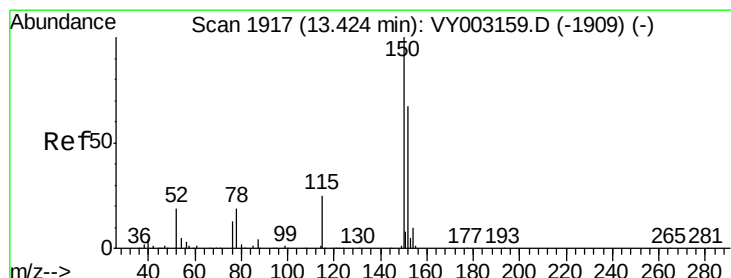
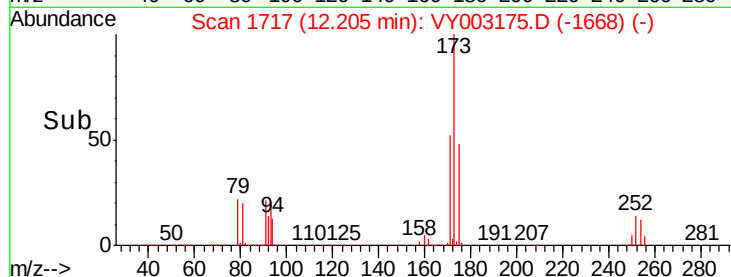
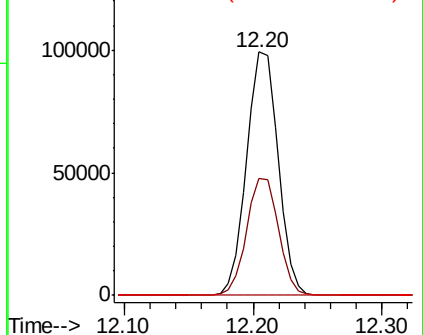
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	73.0
254	0.3	0.2	0.2#

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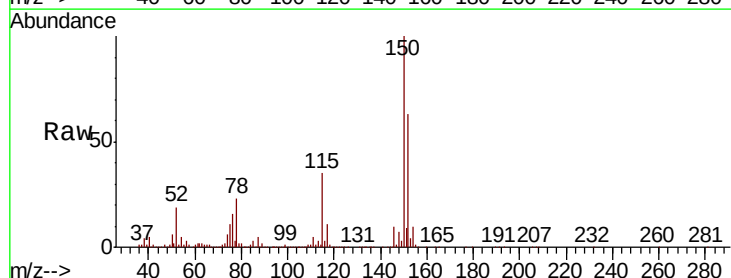


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

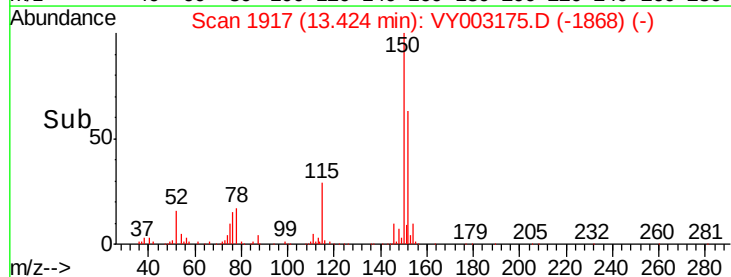
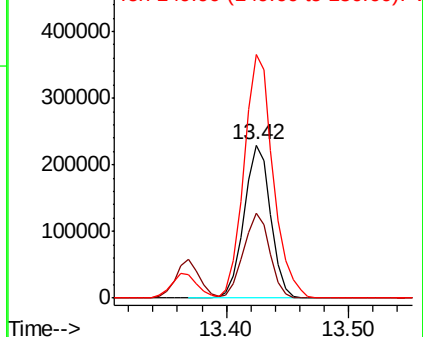


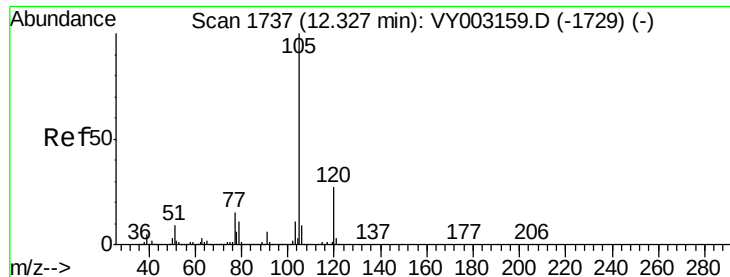
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	26.9	80.7
150	174.2	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: 50.589 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1109001

Ion Ratio Lower Upper

105 100

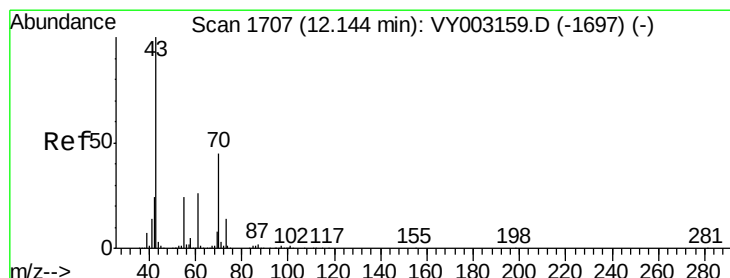
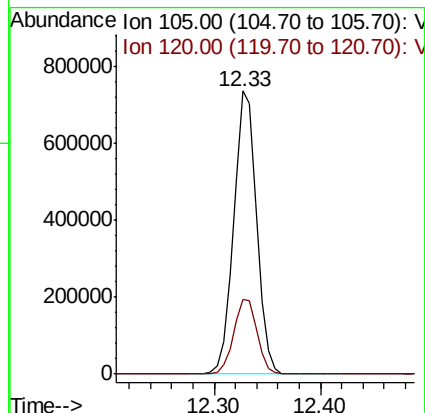
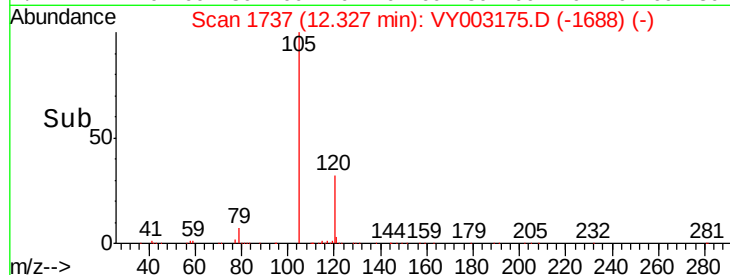
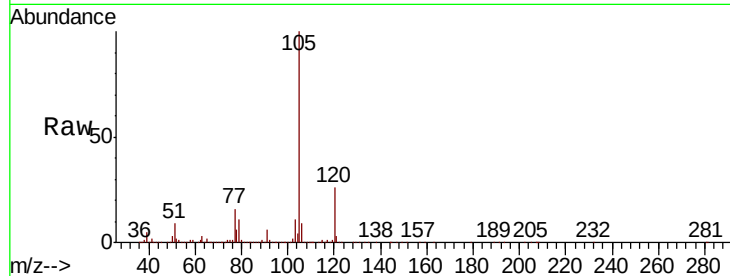
120 27.1 13.4 40.2

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#74

N-ethyl acetate

Concen: 54.844 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion: 43 Resp: 337348

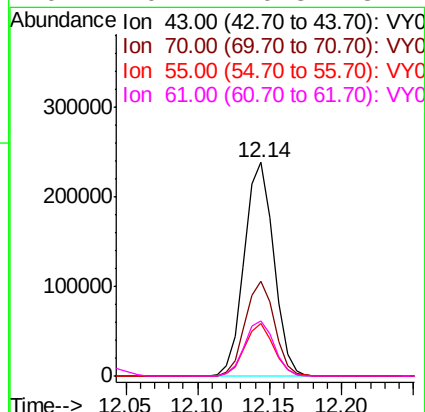
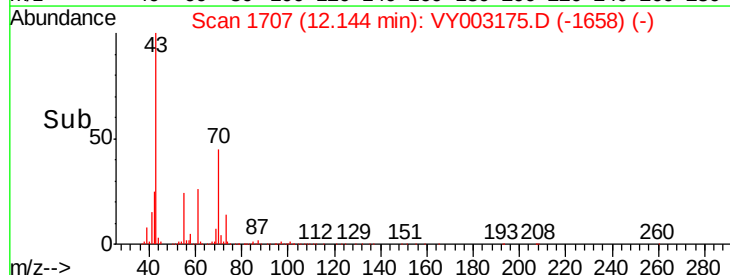
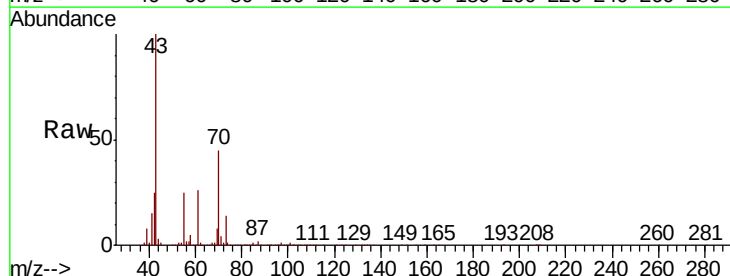
Ion Ratio Lower Upper

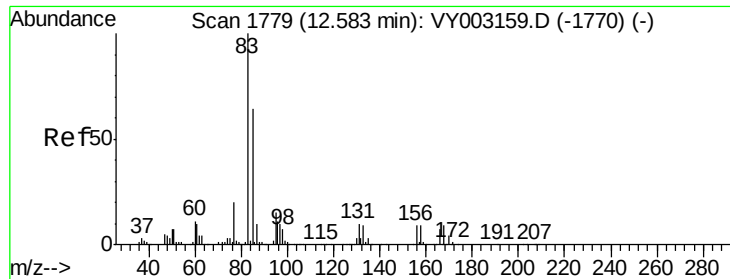
43 100

70 44.1 35.6 53.4

55 24.1 19.4 29.2

61 26.1 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.134 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

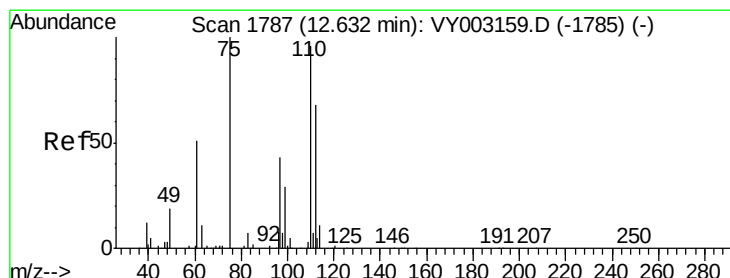
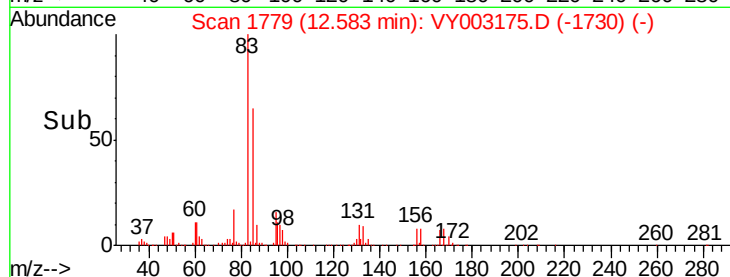
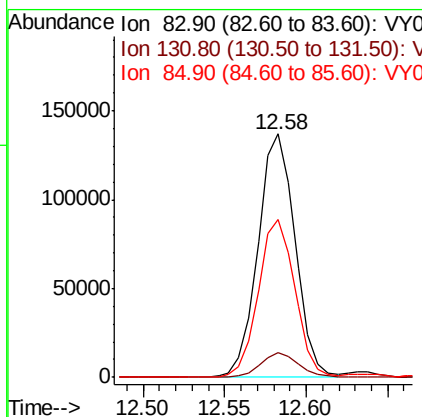
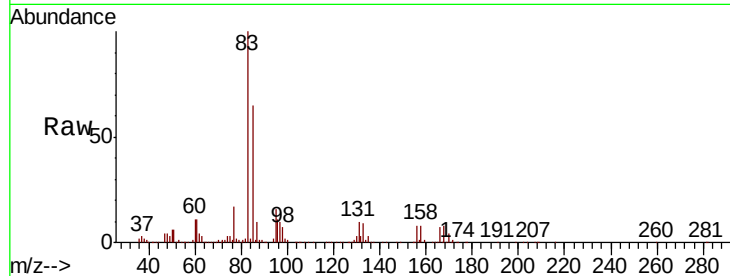
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	216496
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 53.475 ug/l m

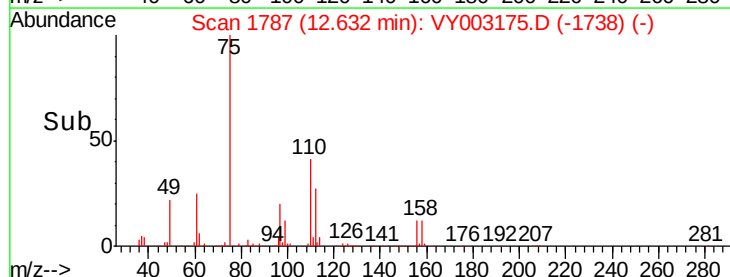
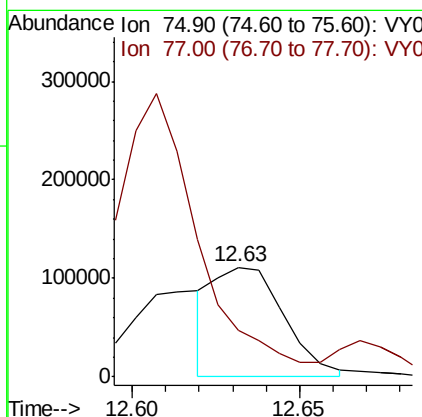
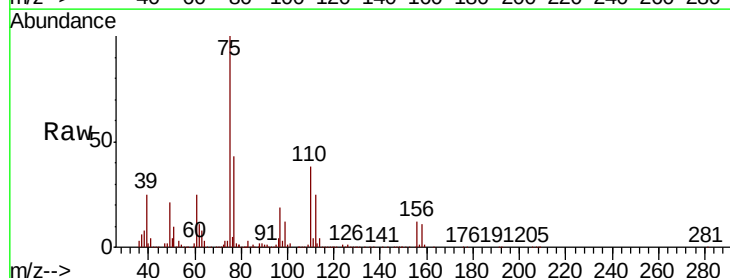
RT: 12.63 min Scan# 1787

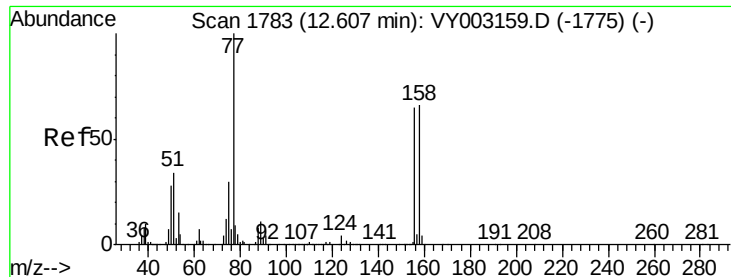
Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion:	75	Resp:	162829
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.804 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

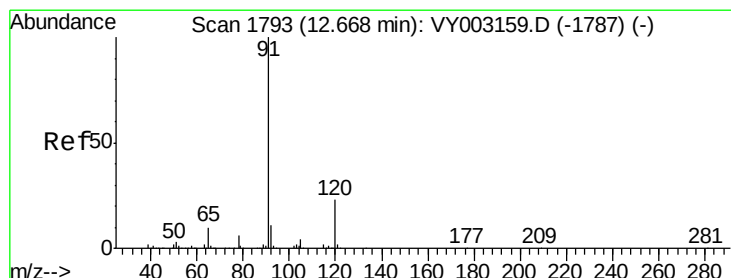
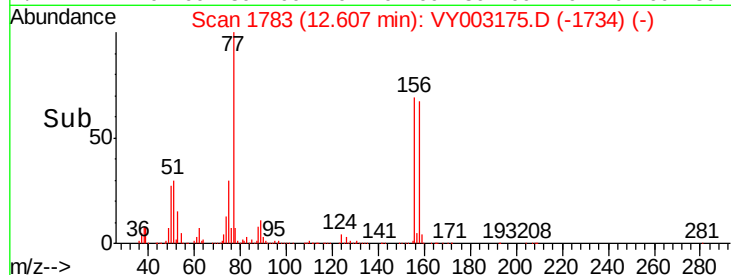
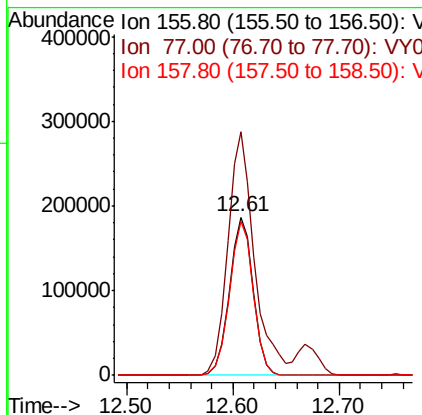
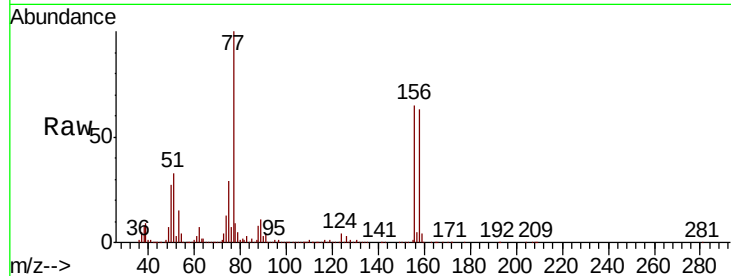
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	289478
Ion Ratio	Lower	Upper	
156	100		
77	172.3	86.6	259.7
158	97.7	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 50.588 ug/l

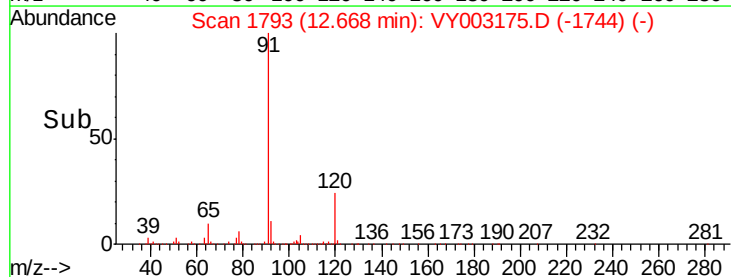
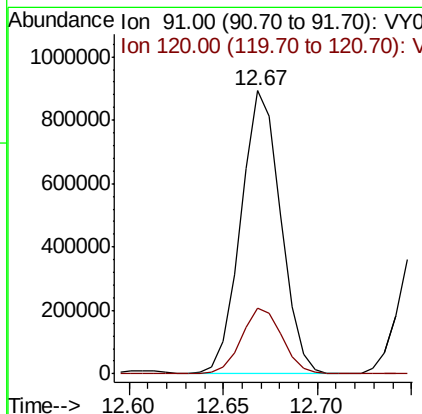
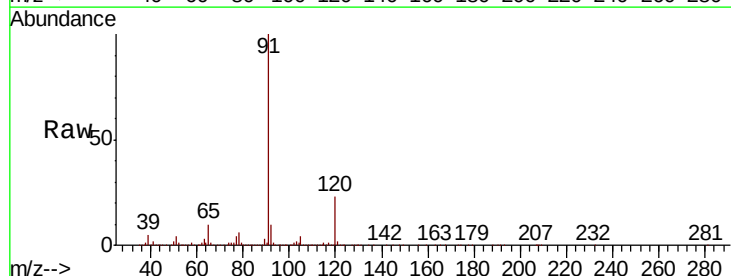
RT: 12.67 min Scan# 1793

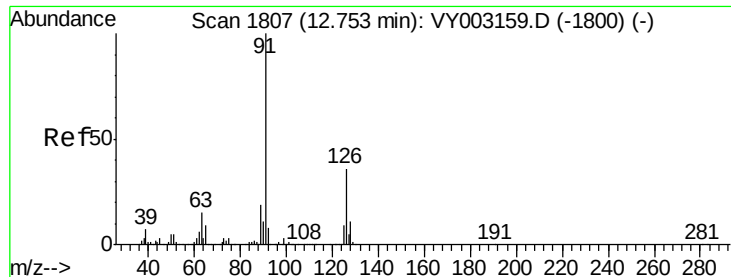
Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion:	91	Resp:	1307207
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1





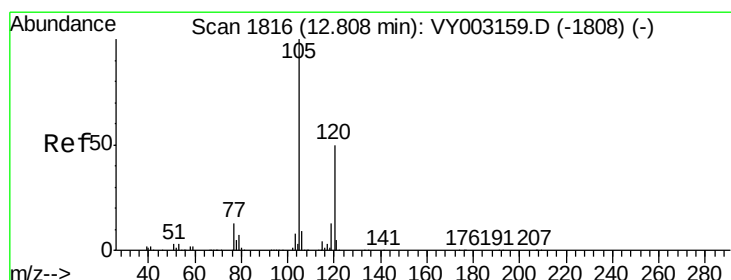
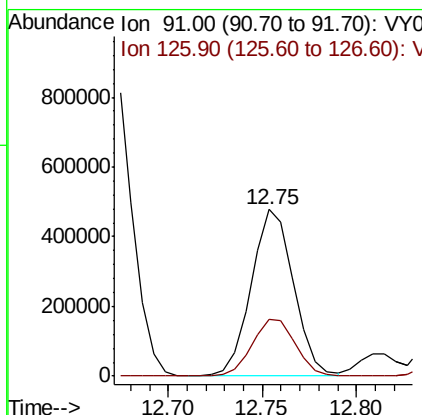
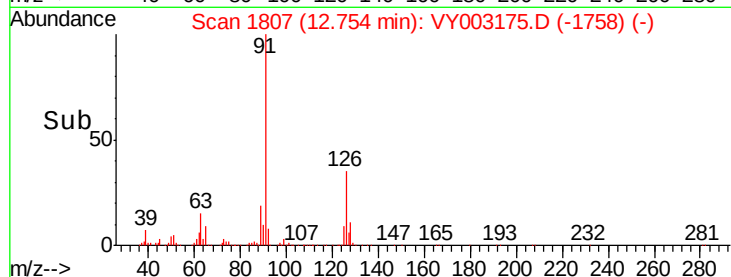
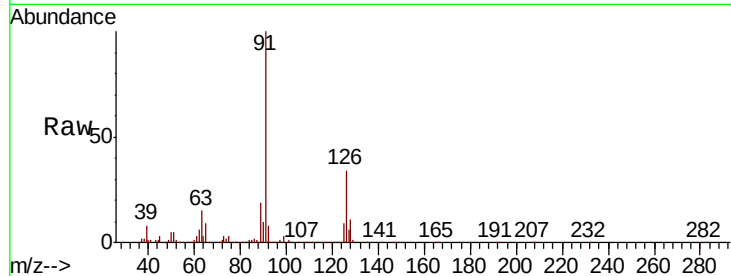
#79
 2-Chlorotoluene
 Concen: 51.466 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.6	52.9

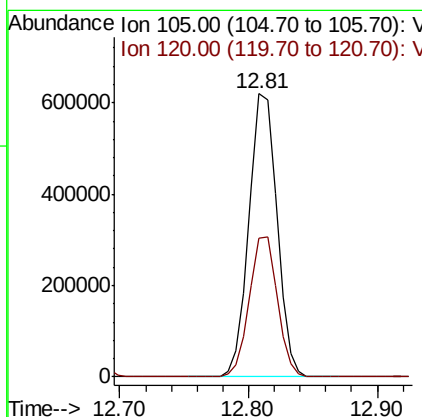
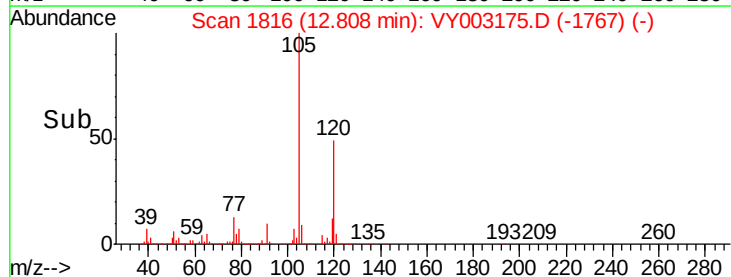
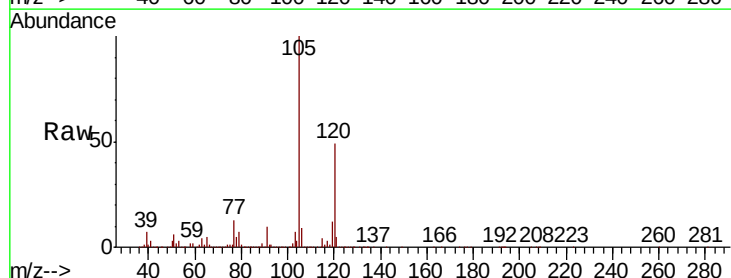
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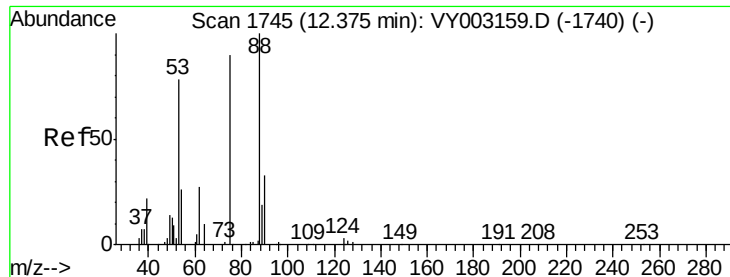
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.759 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.770 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 80999

Ion Ratio Lower Upper

75 100

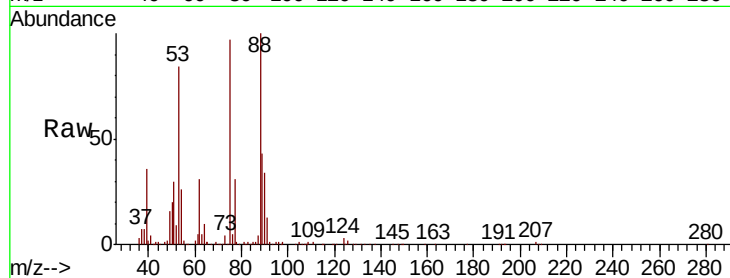
53 85.2 72.0 108.0

89 45.4 37.3 55.9

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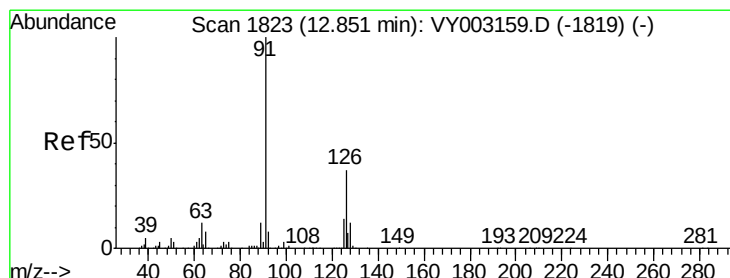
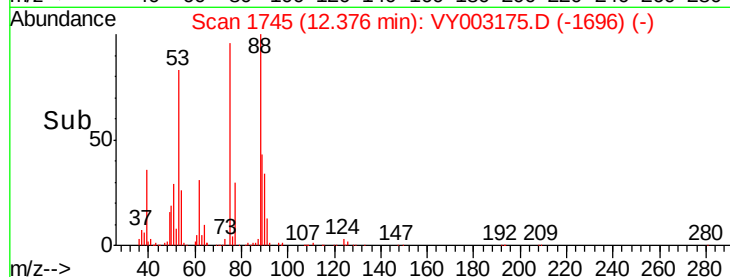
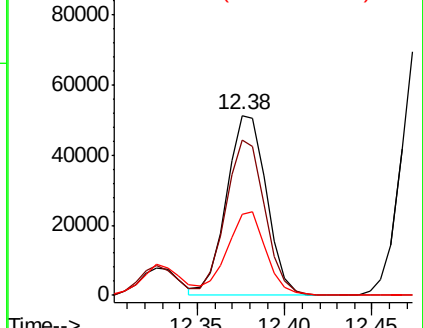
7/13/2020 10:48:08 AM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.591 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003175.D

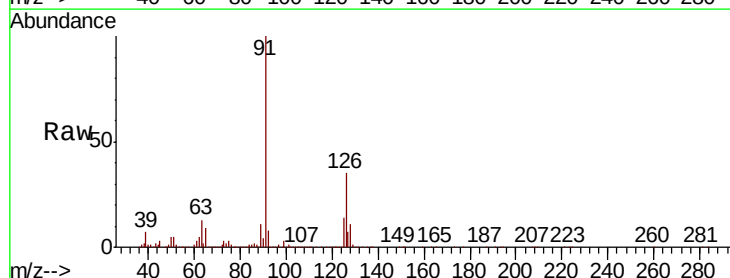
Acq: 10 Jul 2020 19:58

Tgt Ion: 91 Resp: 776356

Ion Ratio Lower Upper

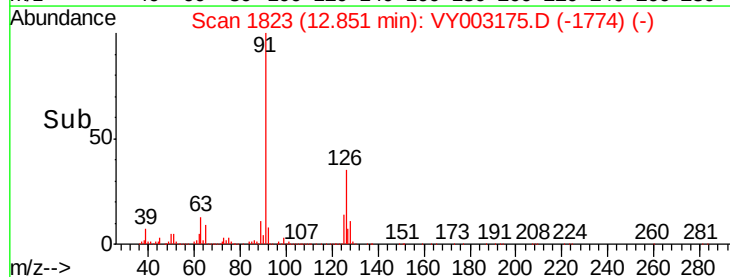
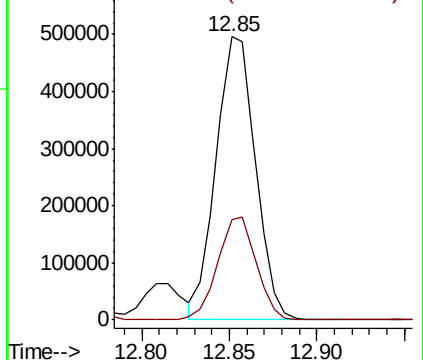
91 100

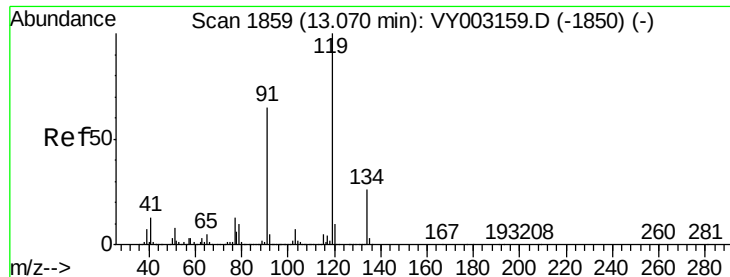
126 35.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





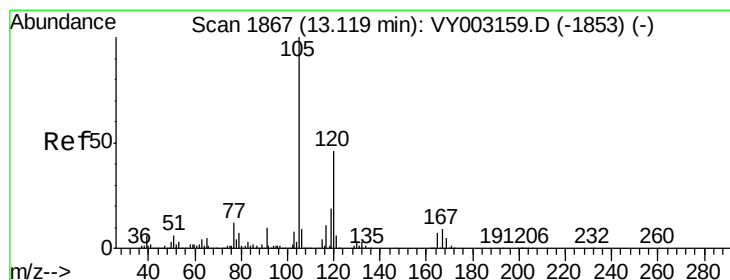
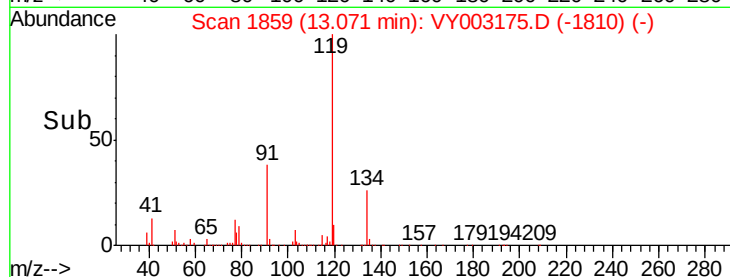
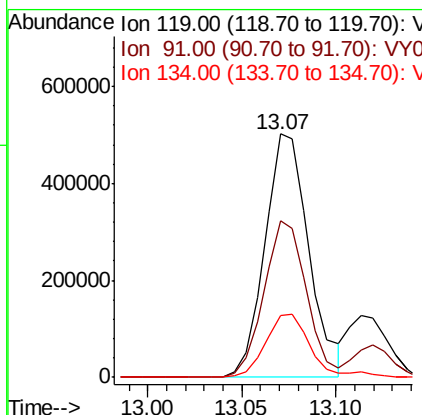
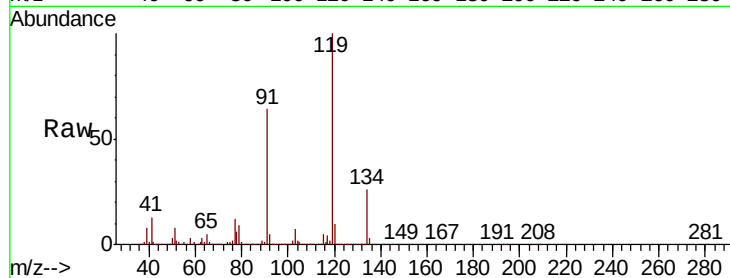
#83
tert-Butylbenzene
Concen: 50.618 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.8	30.8	92.4
134	26.8	13.2	39.6

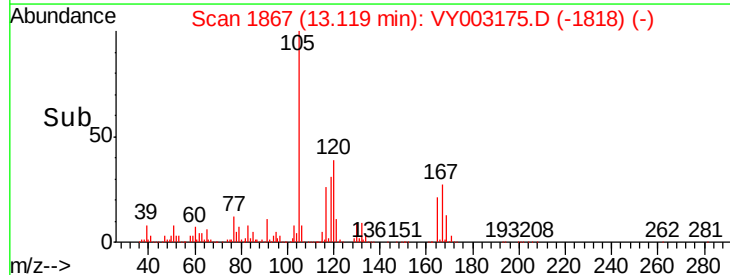
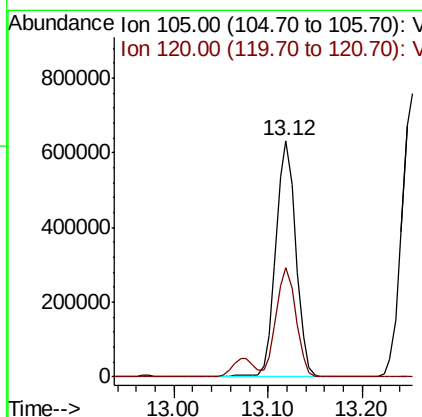
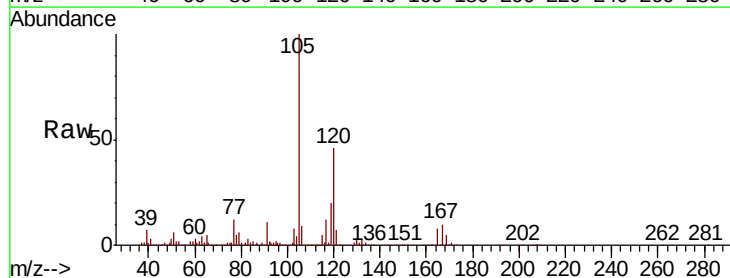
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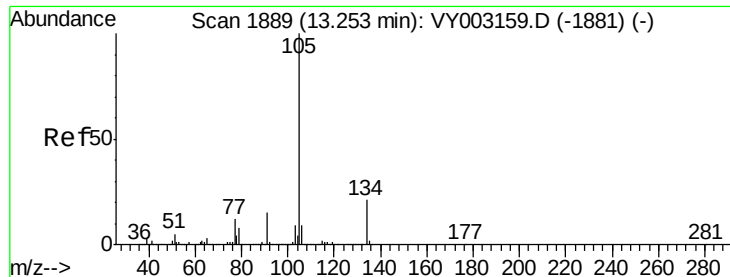
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#84
1,2,4-Trimethylbenzene
Concen: 50.919 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.5	67.5





#85

sec-Butylbenzene

Concen: 50.596 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1121110

Ion Ratio Lower Upper

105 100

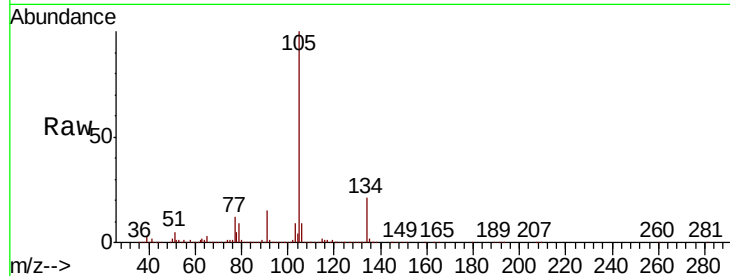
134 20.5 10.4 31.4

Manual Integrations

APPROVED

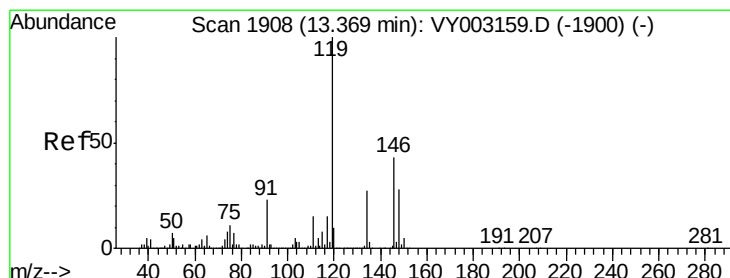
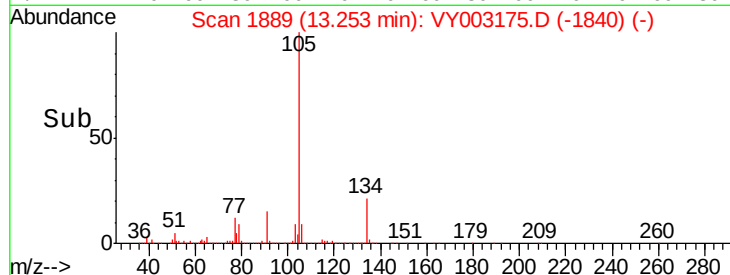
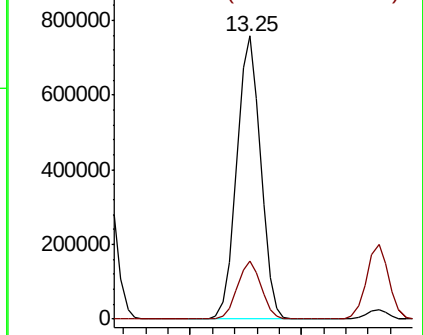
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.792 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

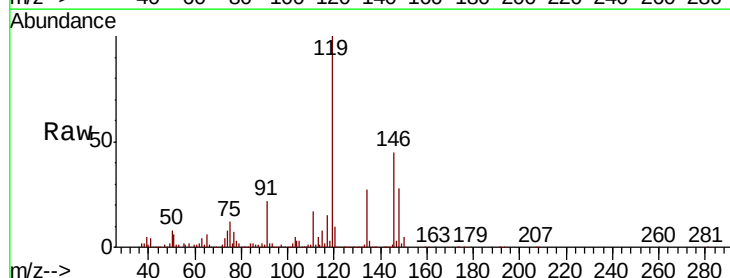
Tgt Ion:119 Resp: 1030169

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

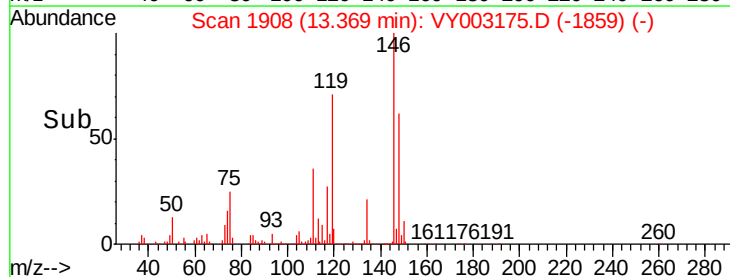
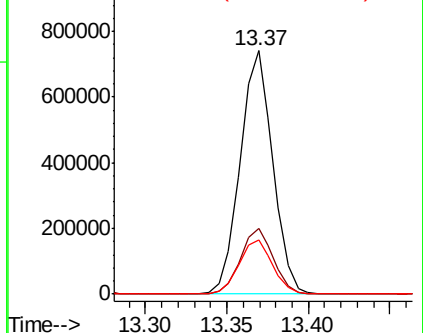
91 22.7 11.2 33.6

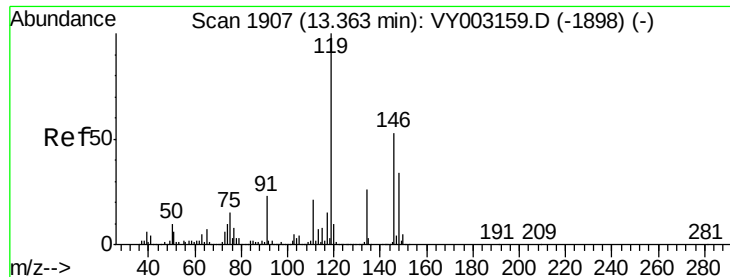


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





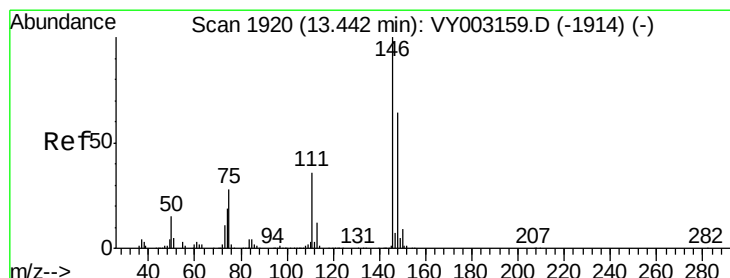
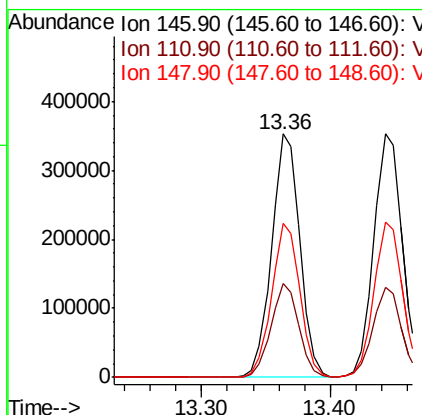
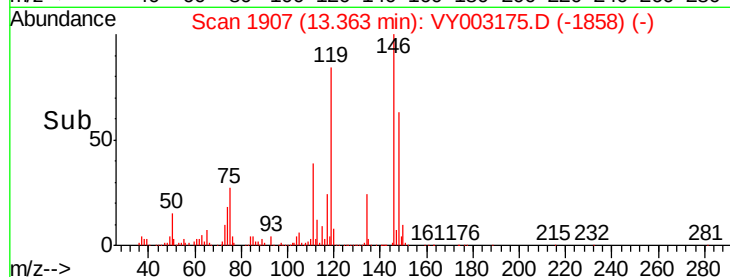
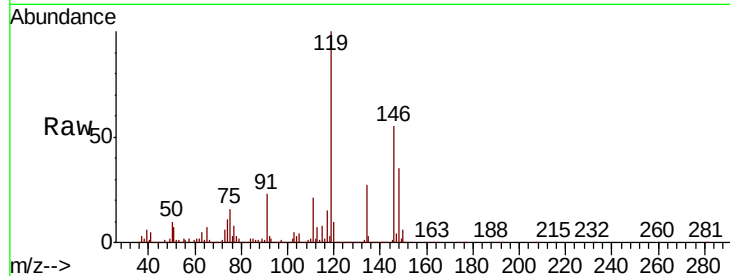
#87
 1,3-Dichlorobenzene
 Concen: 51.042 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.8	56.3
148	63.3	32.3	96.9

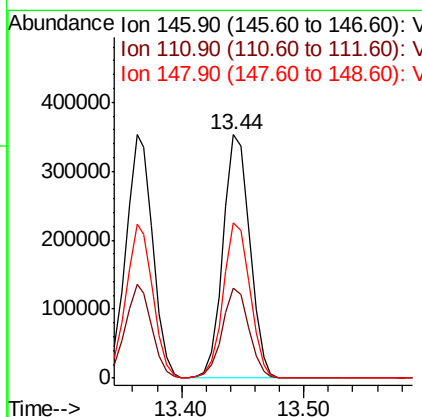
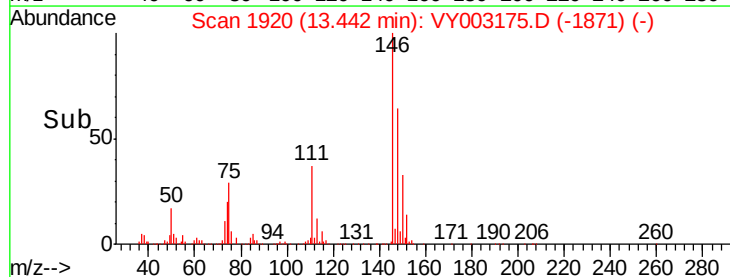
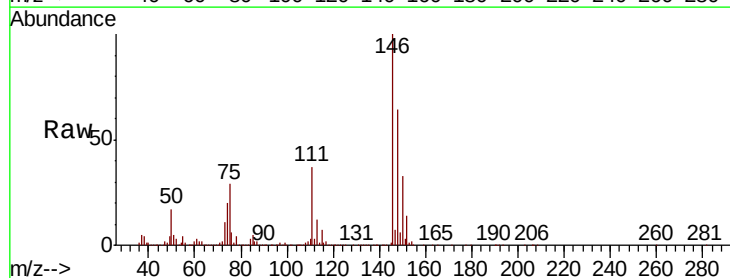
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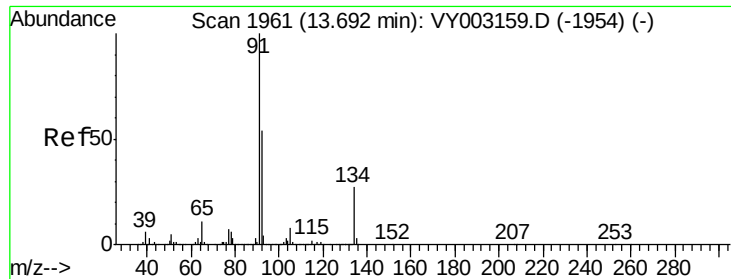
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#88
 1,4-Dichlorobenzene
 Concen: 51.063 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	63.5	32.0	96.0





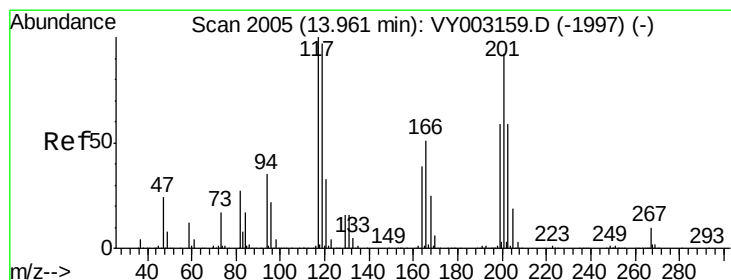
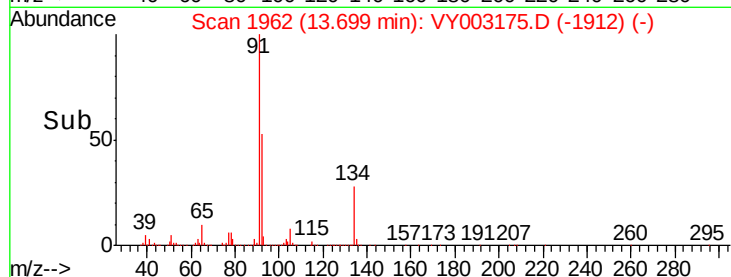
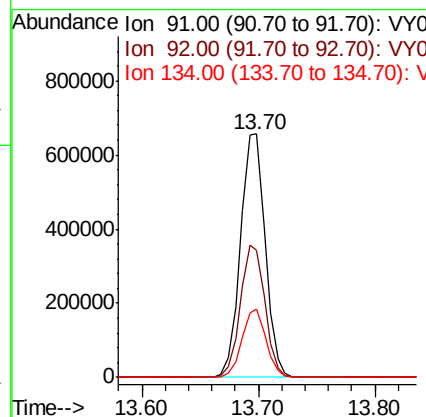
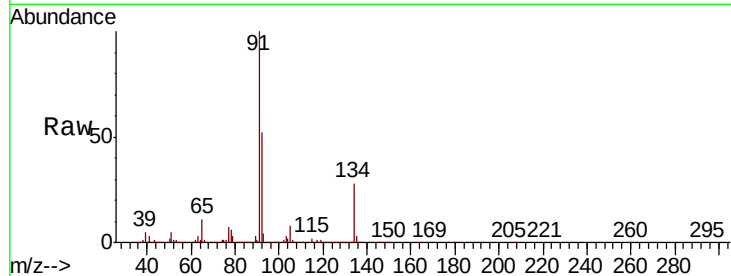
#89
n-Butylbenzene
Concen: 50.037 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.7
134	27.3	13.6	40.7

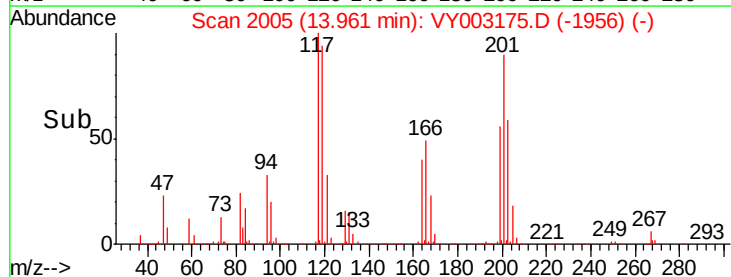
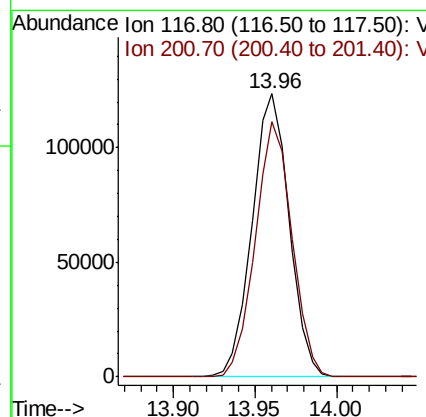
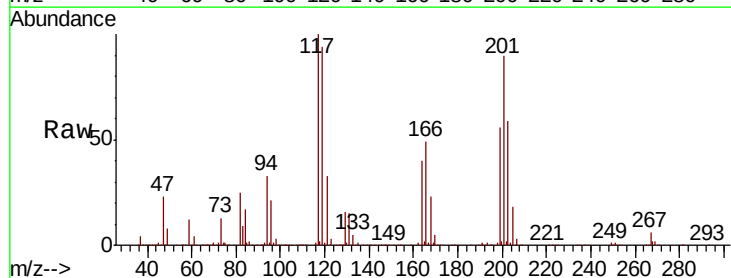
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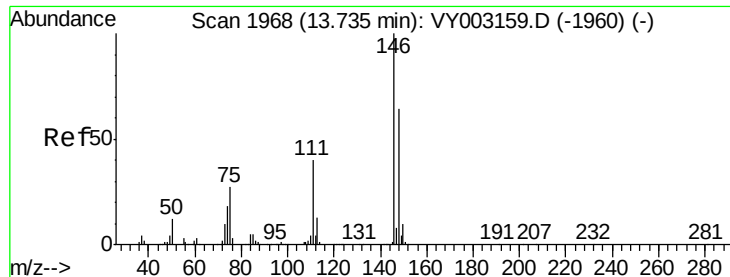
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#90
Hexachloroethane
Concen: 51.654 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003175.D
Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	45.1	135.3





#91

1,2-Dichlorobenzene

Concen: 51.802 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

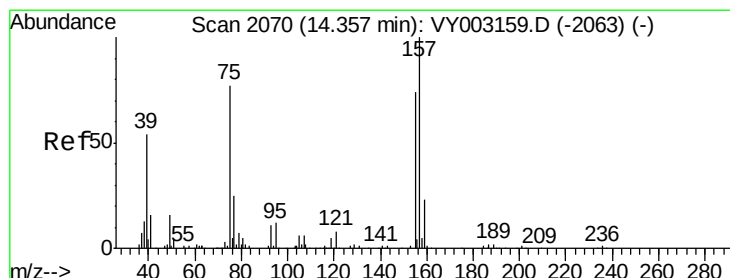
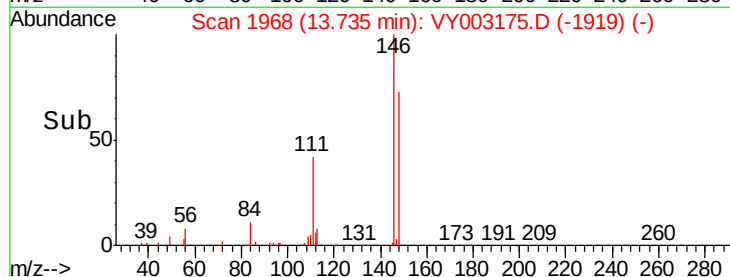
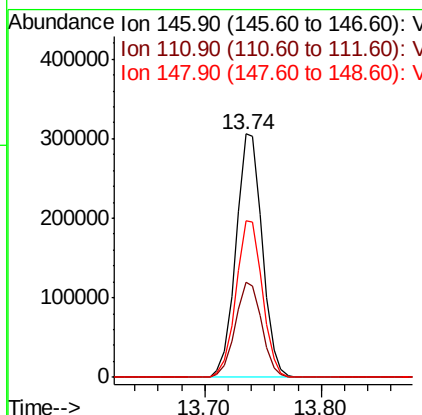
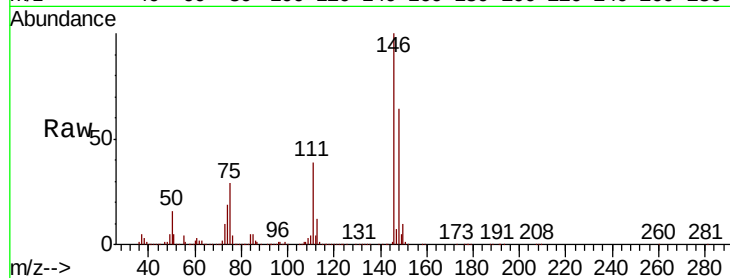
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	480376
Ion Ratio		Lower	Upper
146	100		
111	39.4	19.6	58.8
148	64.4	32.4	97.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.433 ug/l

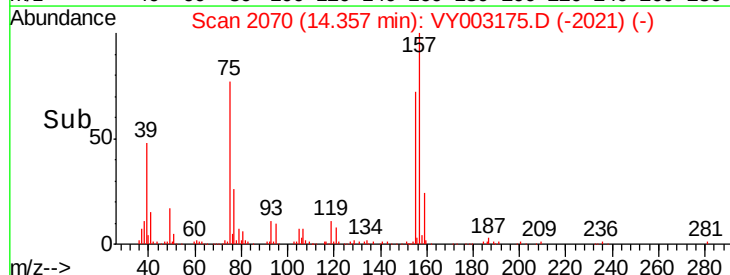
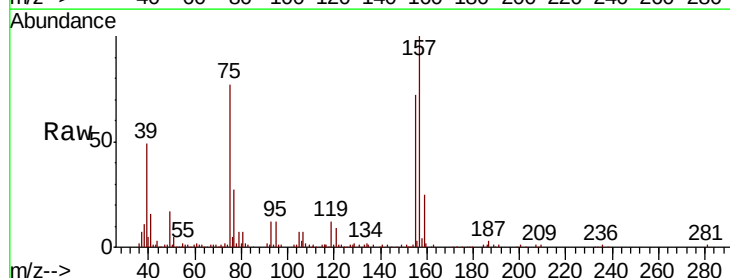
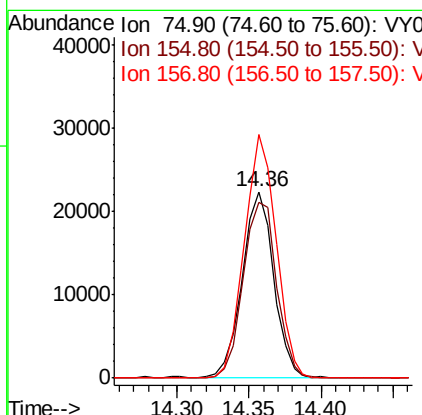
RT: 14.36 min Scan# 2070

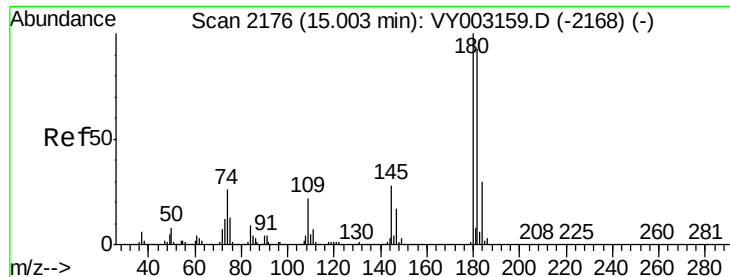
Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion:	75	Resp:	33931
Ion Ratio		Lower	Upper
75	100		
155	99.9	48.1	144.3
157	131.0	61.9	185.6





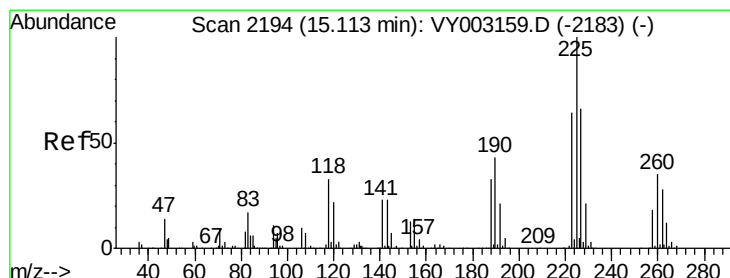
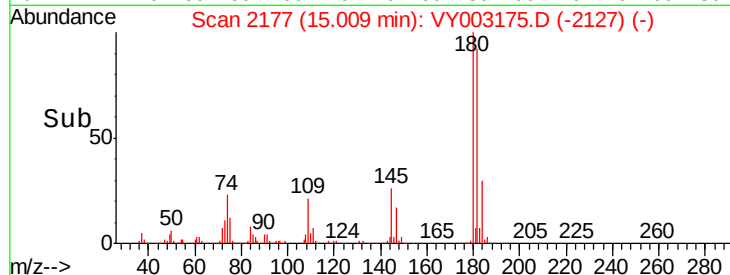
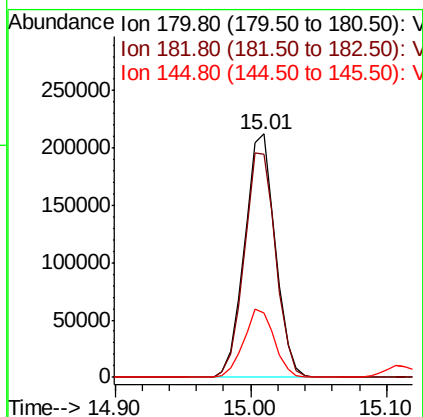
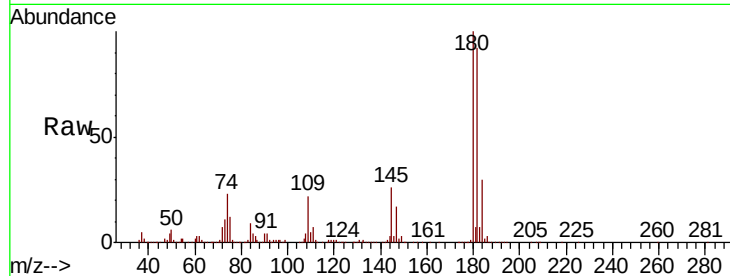
#93
 1,2,4-Trichlorobenzene
 Concen: 50.805 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	335166		
182	94.4	47.3	142.0	
145	27.9	13.7	41.1	

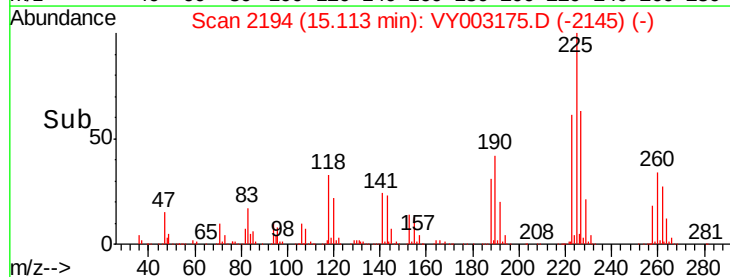
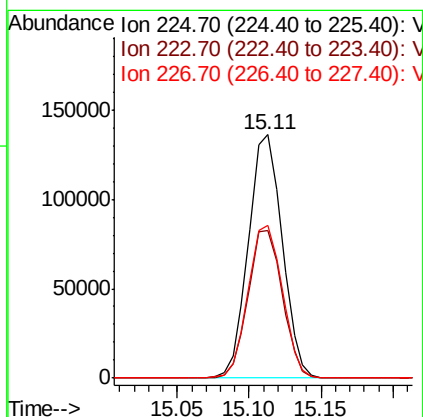
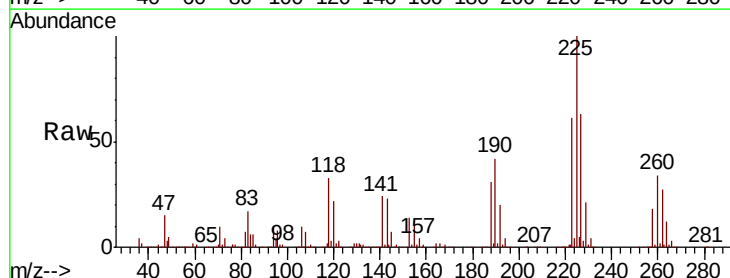
Manual Integrations
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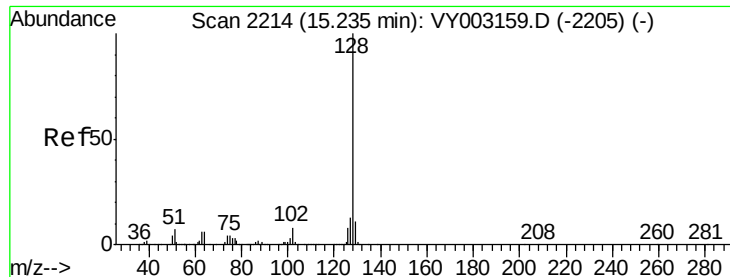
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 7/13/2020 10:48:08 AM



#94
 Hexachlorobutadiene
 Concen: 48.875 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003175.D
 Acq: 10 Jul 2020 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	220938		
223	61.7	31.6	94.7	
227	63.5	32.3	96.8	





#95

Naphthalene

Concen: 51.900 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_Y

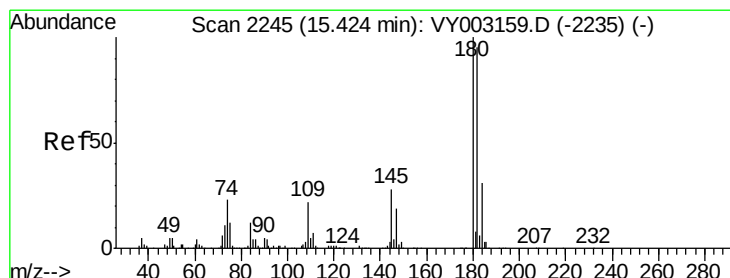
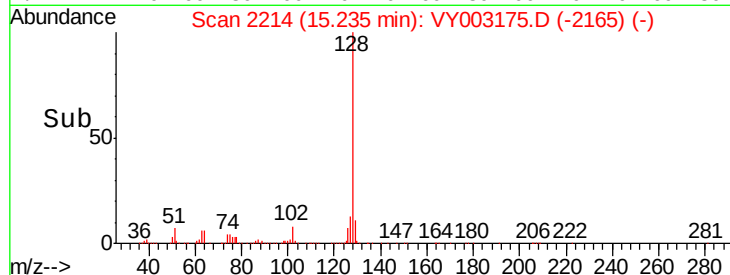
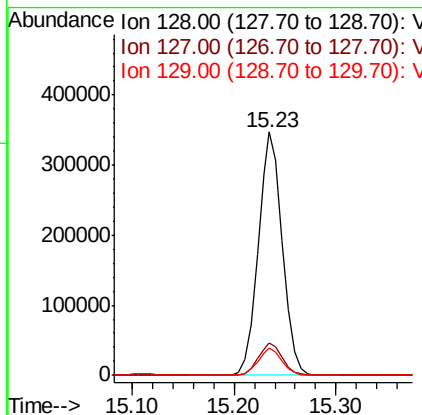
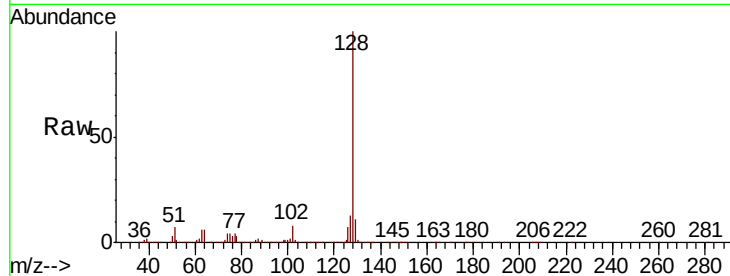
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	565852
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.9	16.3
129	11.0	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/13/2020 10:48:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.136 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003175.D

Acq: 10 Jul 2020 19:58

Tgt Ion:	180	Resp:	261457
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.8	146.3
145	29.5	14.9	44.5

