

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032020\
 Data File : VY002039.D
 Acq On : 20 Mar 2020 16:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/23/2020 2:21:28 PM

Quant Time: Mar 20 17:06:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	156148	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	287311	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	259029	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	121394	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	87142	52.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.56%	
35) Dibromofluoromethane	7.73	113	81935	52.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.46%	
50) Toluene-d8	10.18	98	336292	50.83	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.49	95	119789	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	62776	43.553	ug/l	100
3) Chloromethane	2.12	50	90086	46.358	ug/l	100
4) Vinyl Chloride	2.26	62	93920	47.515	ug/l	96
5) Bromomethane	2.65	94	63233	55.404	ug/l	97
6) Chloroethane	2.80	64	63606	51.226	ug/l	98
7) Trichlorofluoromethane	3.13	101	134060	50.009	ug/l	90
8) Diethyl Ether	3.54	74	56060	53.060	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	88128	51.112	ug/l	99
10) Methyl Iodide	4.10	142	105824	53.073	ug/l	99
11) Tert butyl alcohol	4.96	59	49780	290.628	ug/l	96
12) 1,1-Dichloroethene	3.88	96	87605	50.461	ug/l	98
13) Acrolein	3.74	56	44286	189.054	ug/l	96
14) Allyl chloride	4.49	41	164614	53.485	ug/l	99
15) Acrylonitrile	5.18	53	146134	258.835	ug/l	99
16) Acetone	3.96	43	106536	219.424	ug/l	98
17) Carbon Disulfide	4.21	76	265023	45.411	ug/l	99
18) Methyl Acetate	4.48	43	63997	51.299	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	253341	53.849	ug/l	96
20) Methylene Chloride	4.72	84	104977	50.449	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	101498	51.509	ug/l	99
22) Diisopropyl ether	6.13	45	350105	55.494	ug/l	97
23) Vinyl Acetate	6.07	43	1118651	270.476	ug/l	98
24) 1,1-Dichloroethane	6.03	63	183714	53.774	ug/l	99
25) 2-Butanone	6.99	43	184362	249.694	ug/l	100
26) 2,2-Dichloropropane	6.99	77	150859	53.799	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	115351	53.815	ug/l	98
28) Bromochloromethane	7.34	49	82591	53.633	ug/l	100
29) Tetrahydrofuran	7.35	42	124113	253.130	ug/l	100
30) Chloroform	7.52	83	177141	55.187	ug/l	96
31) Cyclohexane	7.79	56	176640	48.221	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	148833	55.014	ug/l	98
36) 1,1-Dichloropropene	7.93	75	141737	51.265	ug/l	99
37) Ethyl Acetate	7.08	43	82195	51.151	ug/l	99
38) Carbon Tetrachloride	7.91	117	124847	52.860	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	183230	49.967	ug/l	99
40) Benzene	8.17	78	428561	52.296	ug/l	100
41) Methacrylonitrile	7.33	41	49856m	68.941	ug/l	
42) 1,2-Dichloroethane	8.24	62	114035	54.002	ug/l	98
43) Isopropyl Acetate	8.28	43	159282	52.355	ug/l	99
44) Trichloroethene	8.94	130	103170	51.693	ug/l	99
45) 1,2-Dichloropropane	9.22	63	113243	54.971	ug/l	98
46) Dibromomethane	9.31	93	55655	52.426	ug/l	99
47) Bromodichloromethane	9.50	83	137557	55.703	ug/l	100
48) Methyl methacrylate	9.30	41	72121	53.424	ug/l	97
49) 1,4-Dioxane	9.30	88	14324	984.707	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	417455	266.401	ug/l	99
52) Toluene	10.25	92	264815	53.195	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	150455	55.922	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	175281	54.726	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	82307	52.977	ug/l	97
56) Ethyl methacrylate	10.51	69	123752	54.343	ug/l	99
57) 1,3-Dichloropropane	10.79	76	148796	53.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	205095	258.759	ug/l	99
59) 2-Hexanone	10.83	43	280914	251.161	ug/l	99
60) Dibromochloromethane	10.99	129	91834	56.095	ug/l	100
61) 1,2-Dibromoethane	11.09	107	78135	53.093	ug/l	100
64) Tetrachloroethene	10.72	164	84656	52.115	ug/l	96
65) Chlorobenzene	11.52	112	271860	52.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	94208	55.661	ug/l	99
67) Ethyl Benzene	11.60	91	511722	53.162	ug/l	99
68) m/p-Xylenes	11.71	106	379778	106.718	ug/l	100
69) o-Xylene	12.03	106	180259	53.741	ug/l	99
70) Styrene	12.05	104	316238	55.048	ug/l	99
71) Bromoform	12.21	173	50997	55.559	ug/l #	99
73) Isopropylbenzene	12.33	105	488757	52.742	ug/l	100
74) N-amyl acetate	12.14	43	149244	52.401	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	103729	51.906	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	77794m	54.008	ug/l	
77) Bromobenzene	12.61	156	108791	55.410	ug/l	93
78) n-propylbenzene	12.67	91	603515	52.789	ug/l	100
79) 2-Chlorotoluene	12.76	91	335588	53.130	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	407154	53.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	35988	50.467	ug/l	98
82) 4-Chlorotoluene	12.86	91	352305	53.570	ug/l	100
83) tert-Butylbenzene	13.08	119	340992	53.815	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	403175	53.252	ug/l	100
85) sec-Butylbenzene	13.25	105	500024	53.537	ug/l	100
86) p-Isopropyltoluene	13.37	119	433153	53.763	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	202302	52.581	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	205520	52.655	ug/l	99
89) n-Butylbenzene	13.70	91	444113	53.131	ug/l	99
90) Hexachloroethane	13.96	117	82392	54.208	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	185549	53.085	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15769	50.568	ug/l	98

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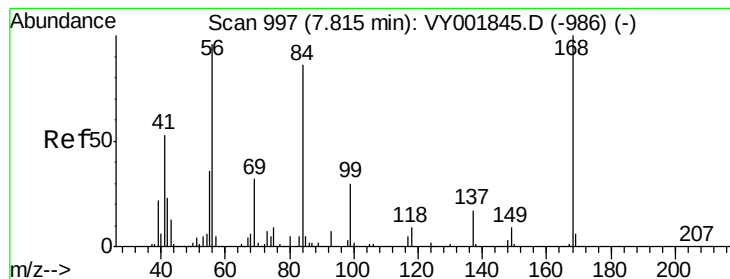
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	118416	52.240	ug/l	97
94) Hexachlorobutadiene	15.11	225	59322	53.679	ug/l	100
95) Naphthalene	15.24	128	304737	56.678	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	105201	52.683	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. -0.02 min

Lab File: VY002039.D

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Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 156148

Ion Ratio Lower Upper

168 100

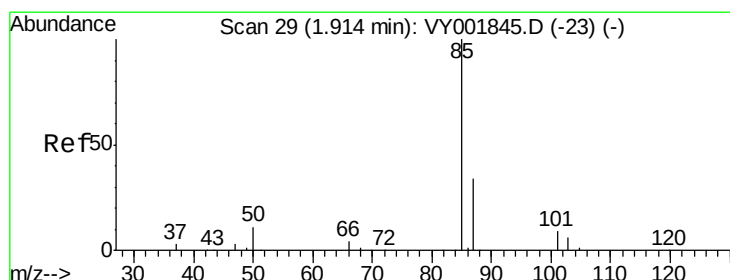
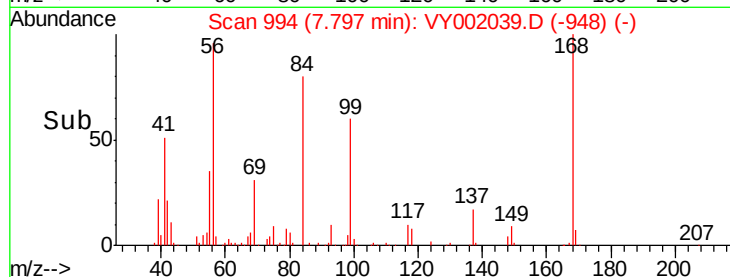
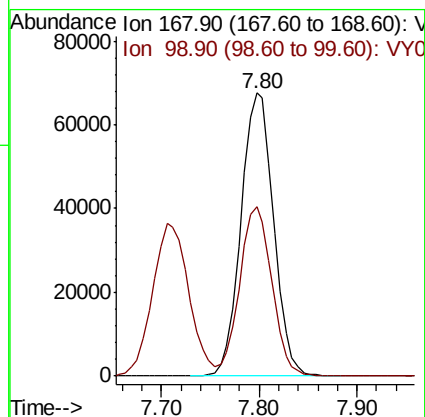
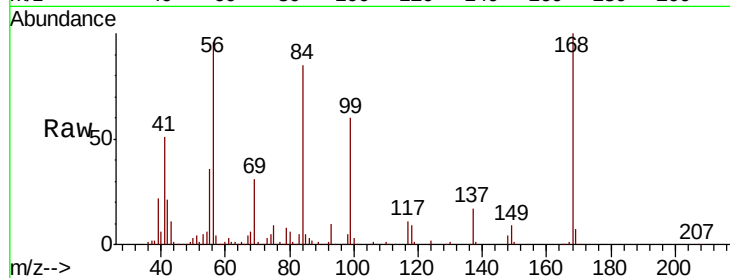
99 59.8 46.7 70.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 43.553 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002039.D

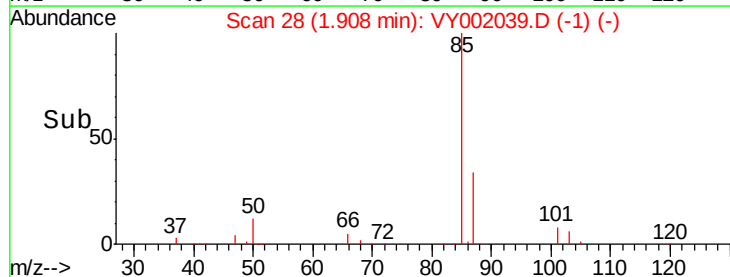
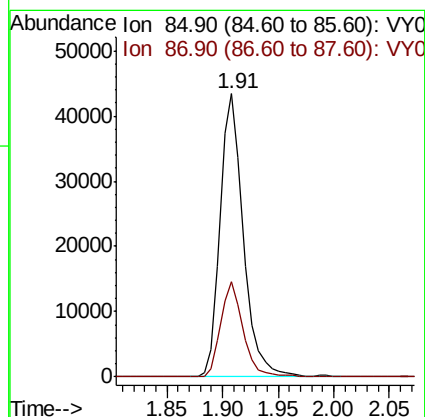
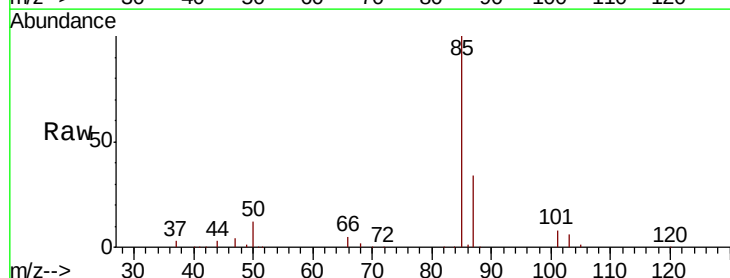
Acq: 20 Mar 2020 16:22

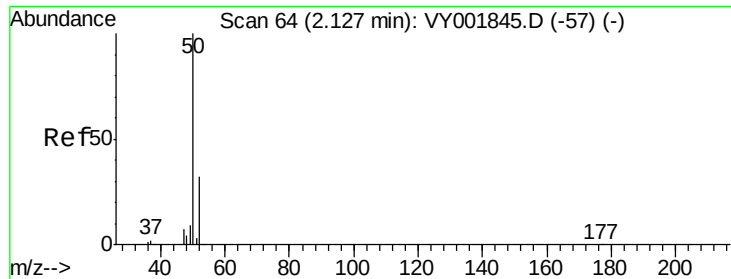
Tgt Ion: 85 Resp: 62776

Ion Ratio Lower Upper

85 100

87 33.5 16.8 50.4





#3

Chloromethane

Concen: 46.358 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 90086

Ion Ratio Lower Upper

50 100

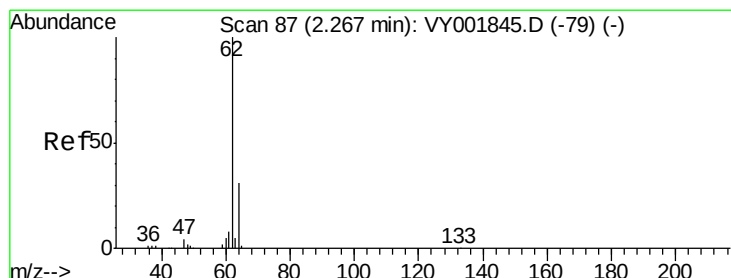
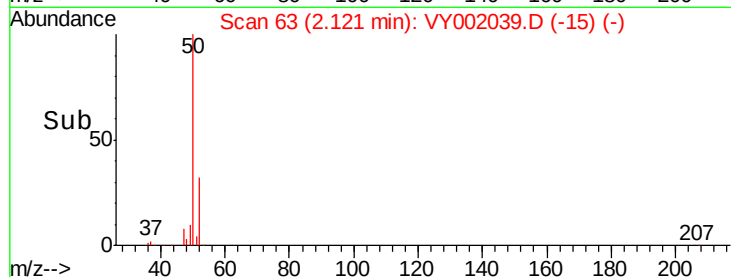
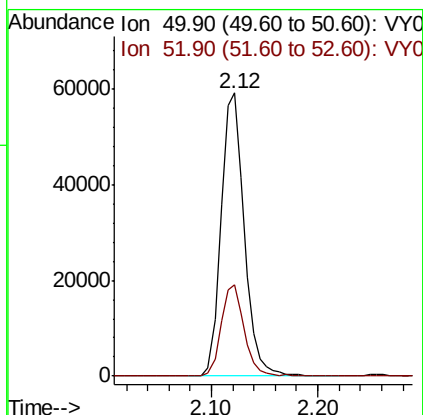
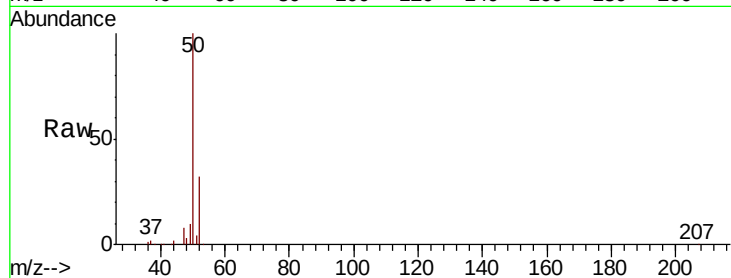
52 32.2 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.515 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002039.D

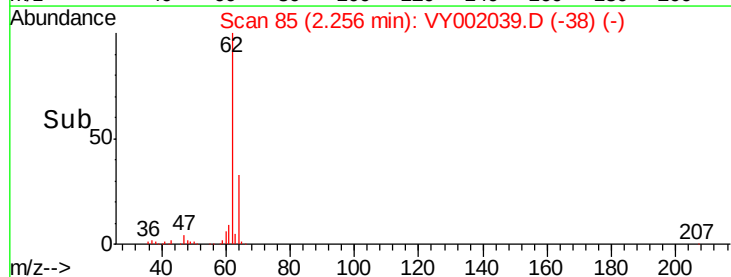
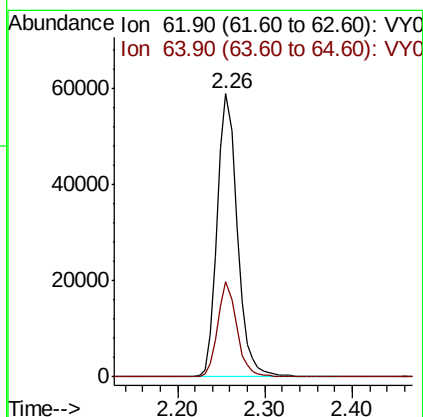
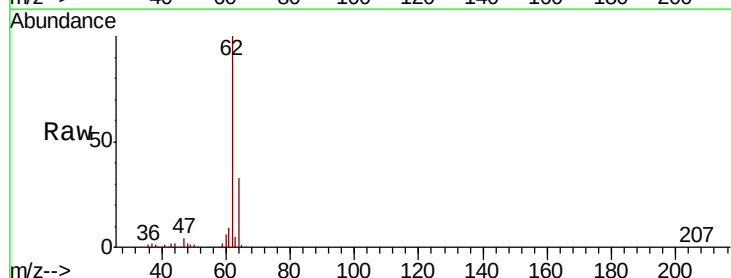
Acq: 20 Mar 2020 16:22

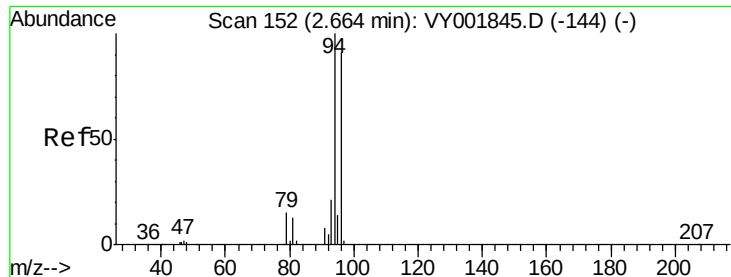
Tgt Ion: 62 Resp: 93920

Ion Ratio Lower Upper

62 100

64 33.5 25.1 37.7





#5

Bromomethane

Concen: 55.404 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 63233

Ion Ratio Lower Upper

94 100

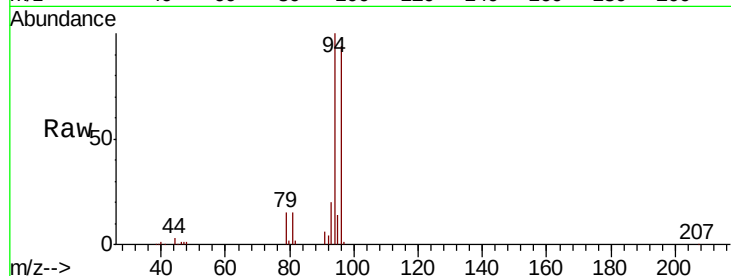
96 93.9 73.2 109.8

Manual Integrations

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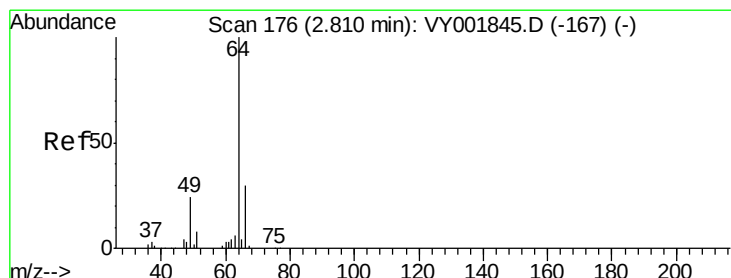
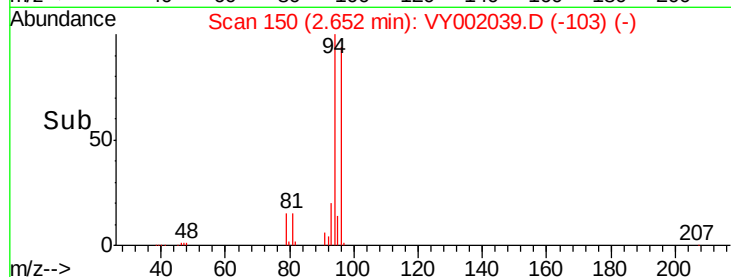
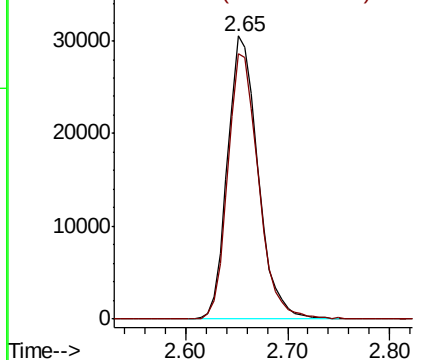
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.226 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002039.D

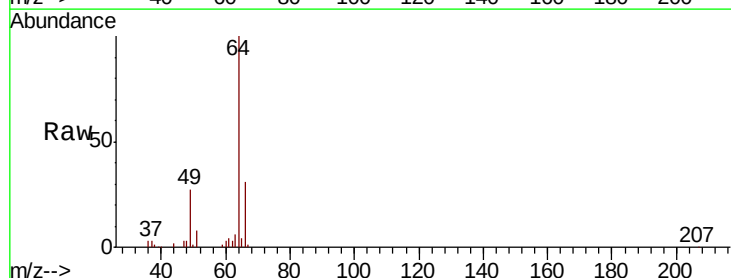
Acq: 20 Mar 2020 16:22

Tgt Ion: 64 Resp: 63606

Ion Ratio Lower Upper

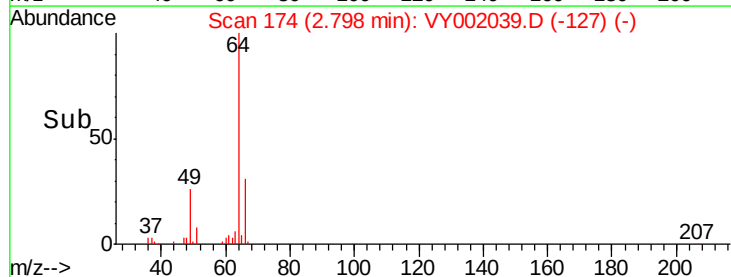
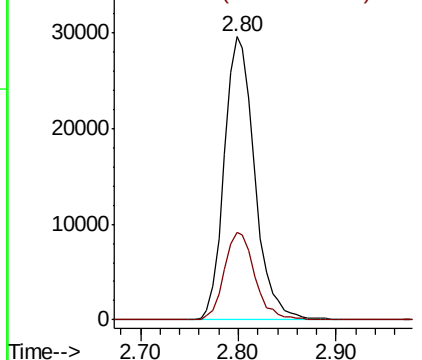
64 100

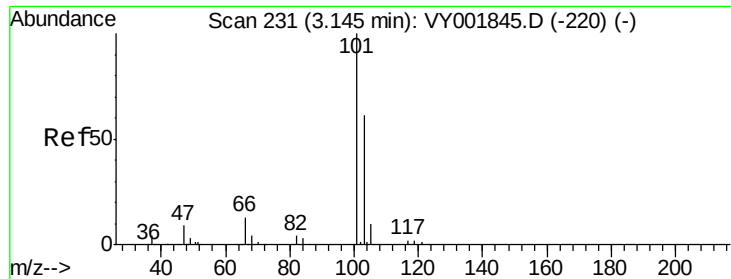
66 31.1 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

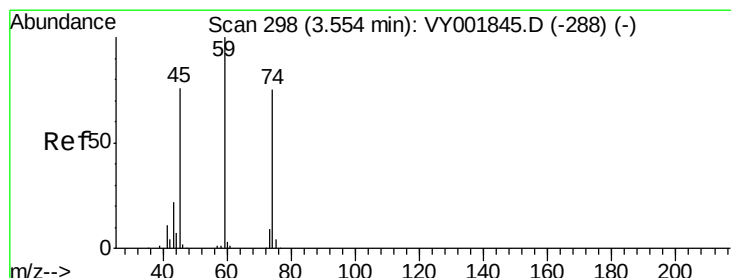
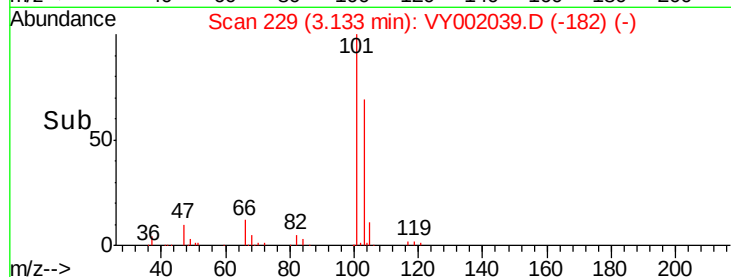
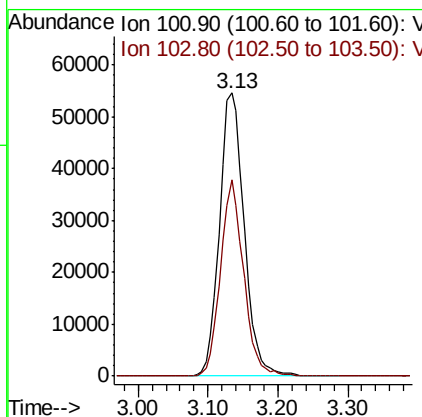
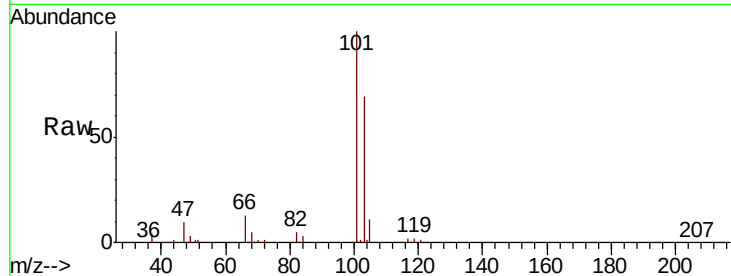
Trichlorofluoromethane
 Concen: 50.009 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.3	49.1	73.7

Manual Integrations
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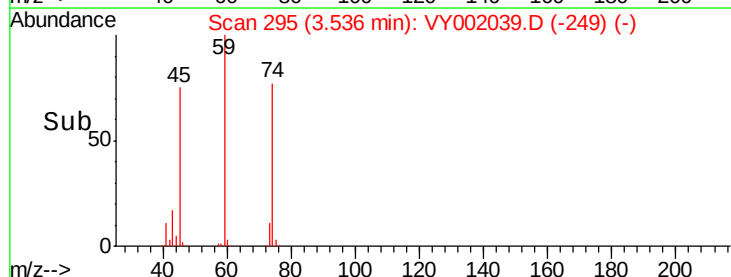
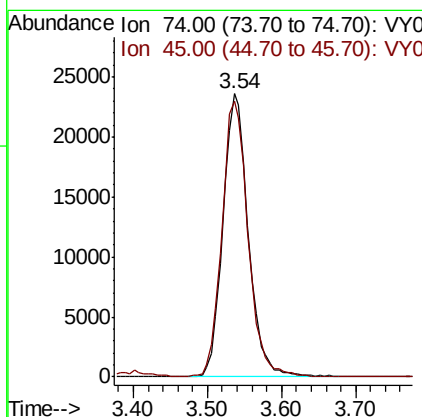
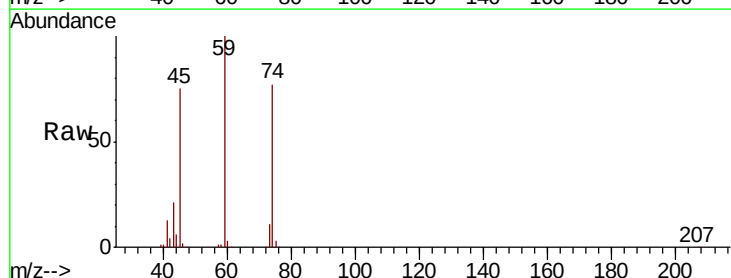
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 3/23/2020 2:21:28 PM

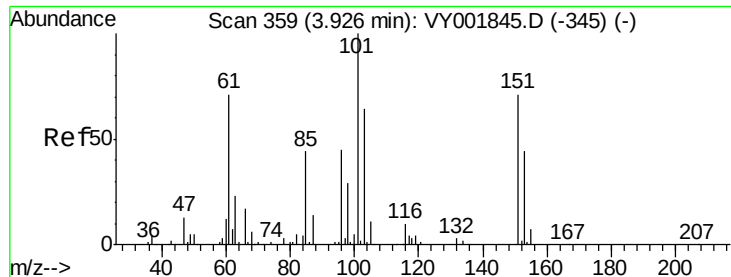


#8

Diethyl Ether
 Concen: 53.060 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.112 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

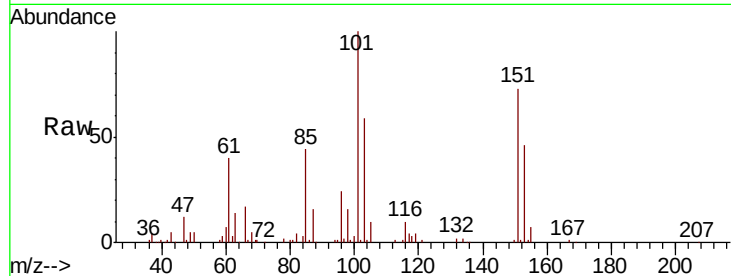
ClientSampleId :

VSTDCCC050EC

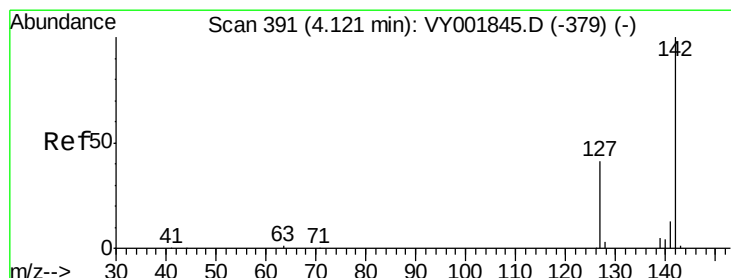
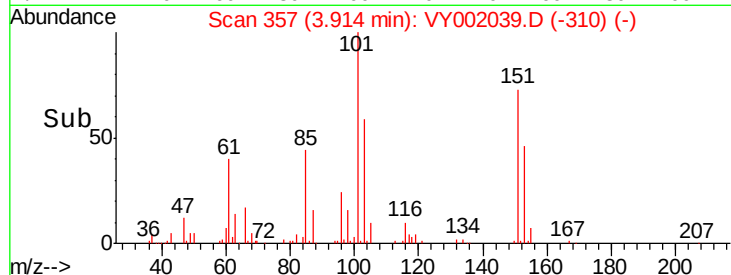
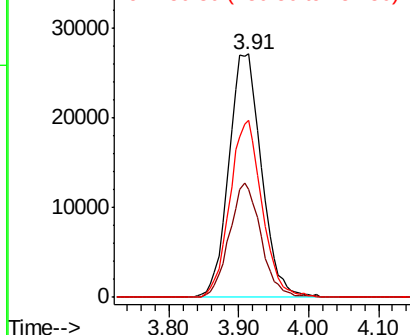
Tot Ion:	101	Resp:	88128
Ion Ratio	Lower	Upper	
101	100		
85	45.2	35.3	52.9
151	71.5	57.0	85.4

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



#10

Methyl Iodide

Concen: 53.073 ug/l

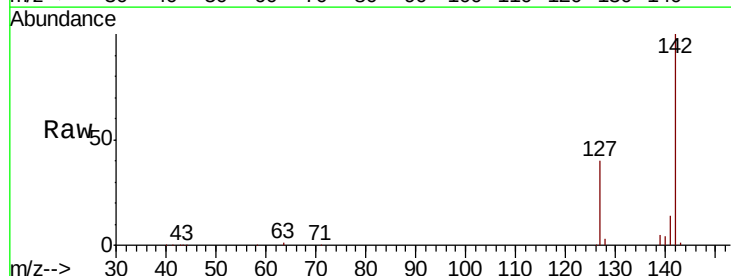
RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

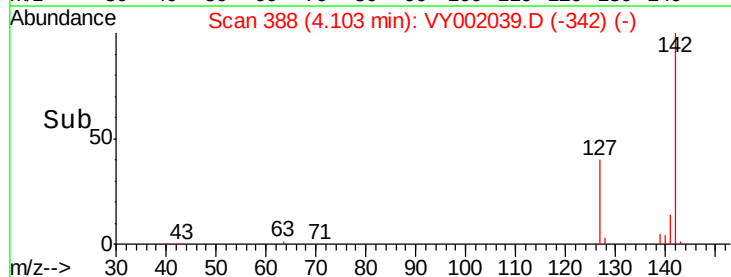
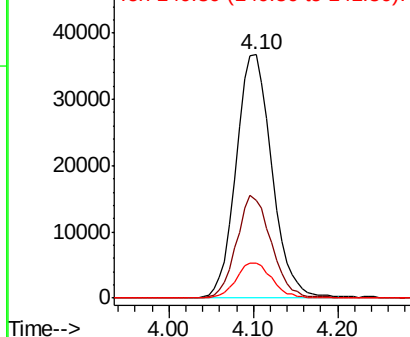
Lab File: VY002039.D

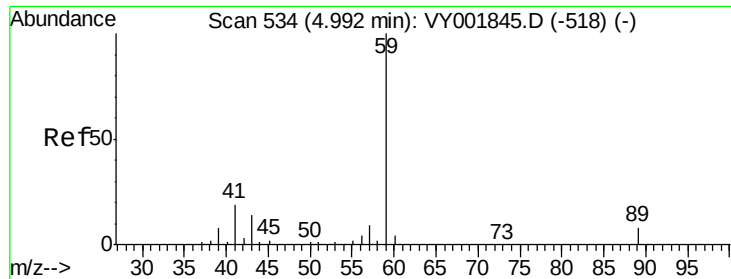
Acq: 20 Mar 2020 16:22

Tgt Ion:	142	Resp:	105824
Ion Ratio	Lower	Upper	
142	100		
127	41.1	32.7	49.1
141	14.5	11.0	16.6



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





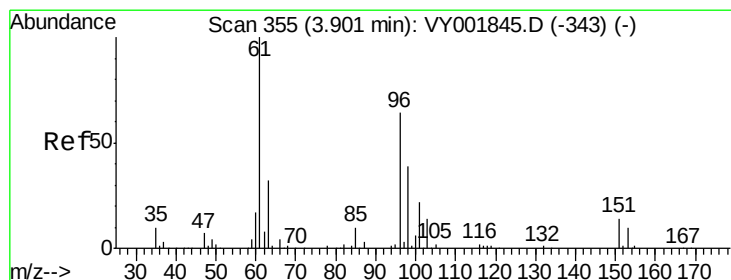
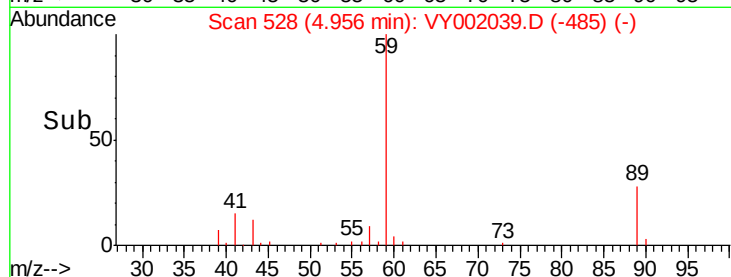
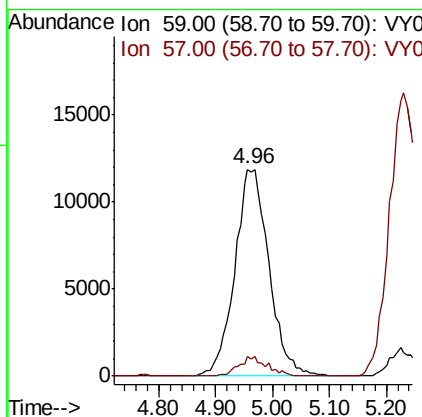
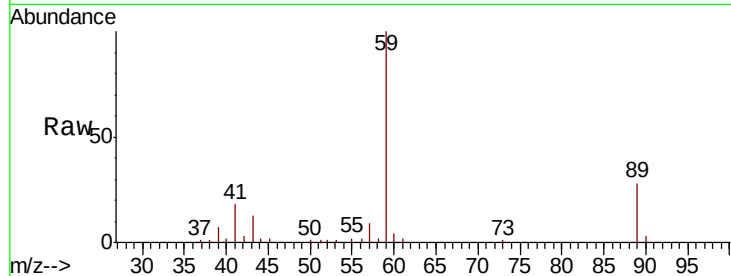
#11
Tert butyl alcohol
Concen: 290.628 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.04 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	59.00	Resp	49780
Ion Ratio	100	Lower	Upper
59	100		
57	8.0	7.4	11.2

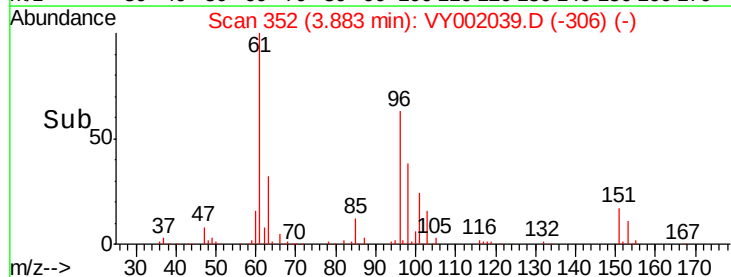
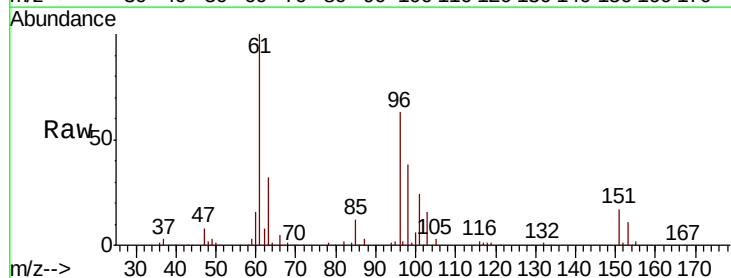
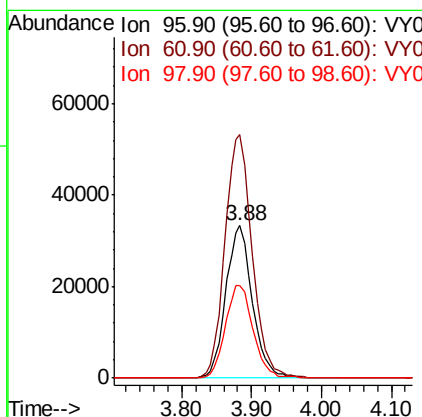
Manual Integrations
APPROVED

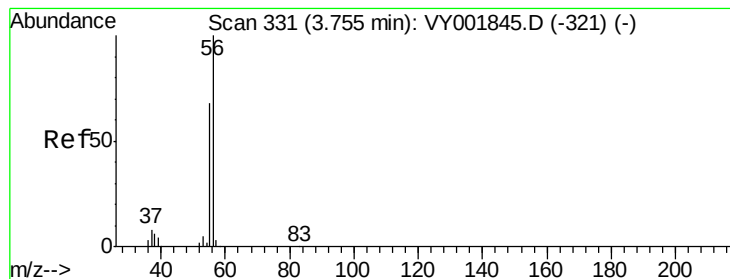
MMDadoda
3/23/2020 2:21:28 PM



#12
1,1-Dichloroethene
Concen: 50.461 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	96.00	Resp	87605
Ion Ratio	100	Lower	Upper
96	100		
61	159.7	124.8	187.2
98	61.0	49.2	73.8





#13

Acrolein

Concen: 189.054 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 44286

Ion Ratio Lower Upper

56 100

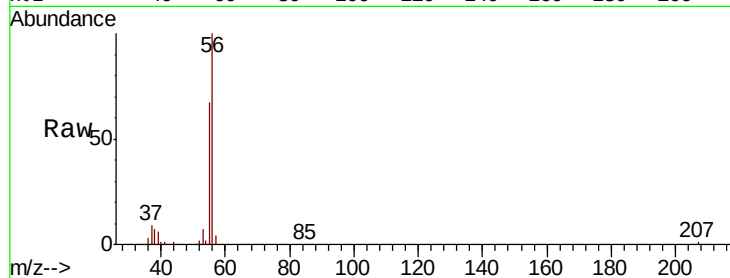
55 70.8 54.0 81.0

Manual Integrations

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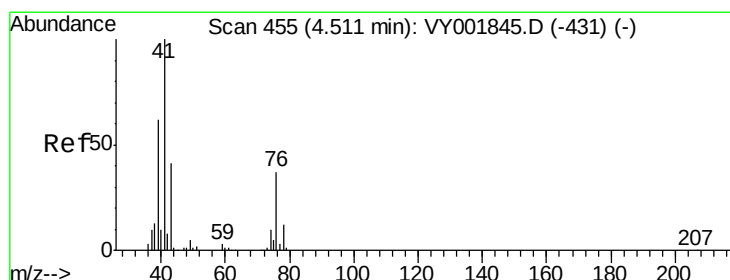
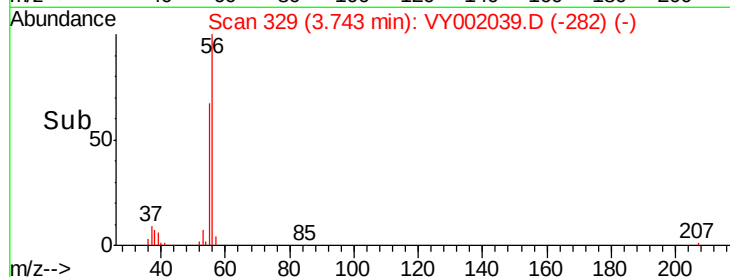
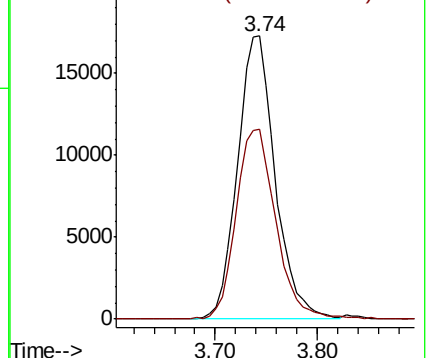
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 53.485 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

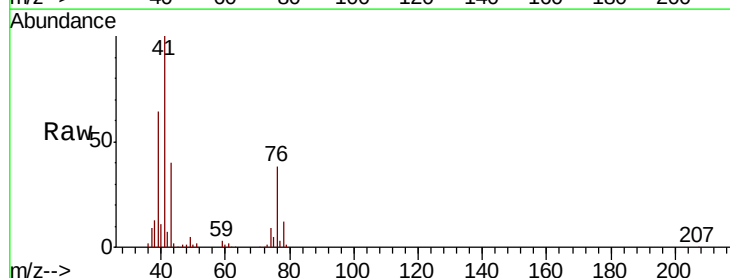
Tgt Ion: 41 Resp: 164614

Ion Ratio Lower Upper

41 100

39 62.0 49.0 73.6

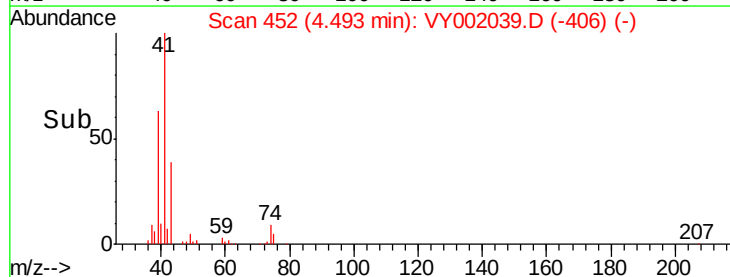
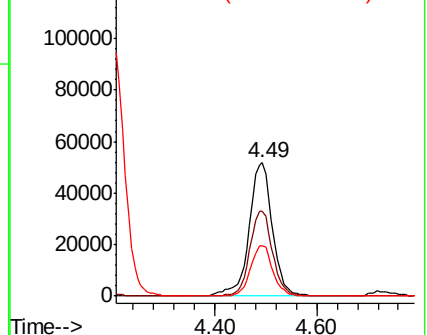
76 35.9 28.9 43.3

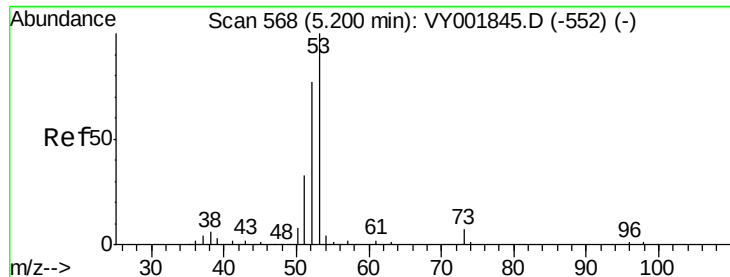


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 258.835 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

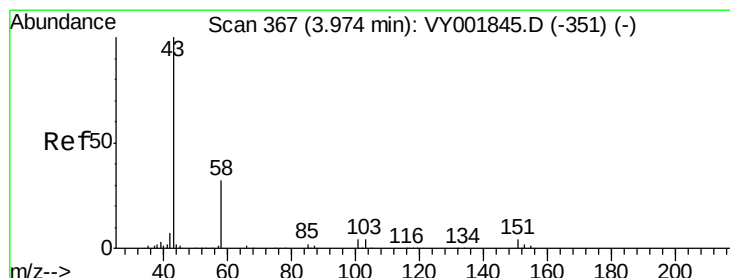
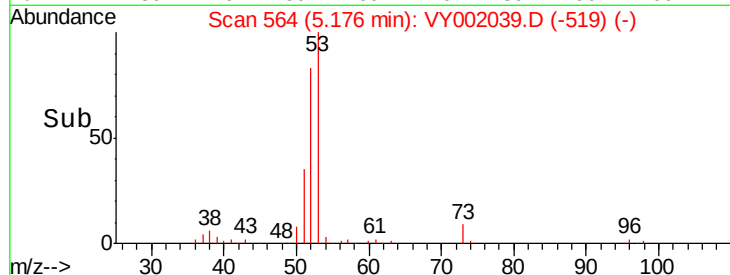
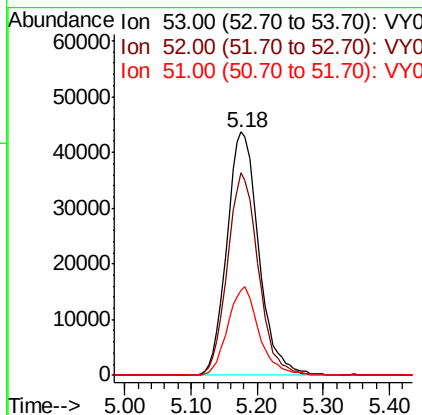
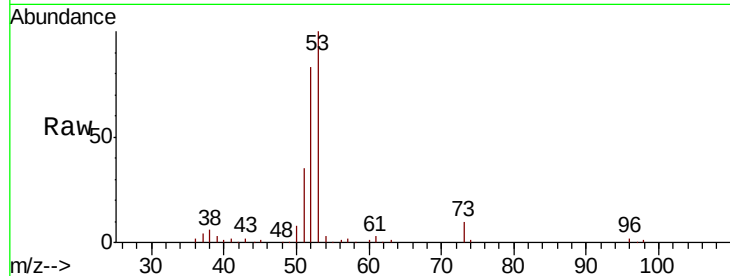
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	146134
Ion Ratio	Lower	Upper	
53	100		
52	80.9	65.1	97.7
51	35.7	27.5	41.3

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#16

Acetone

Concen: 219.424 ug/l

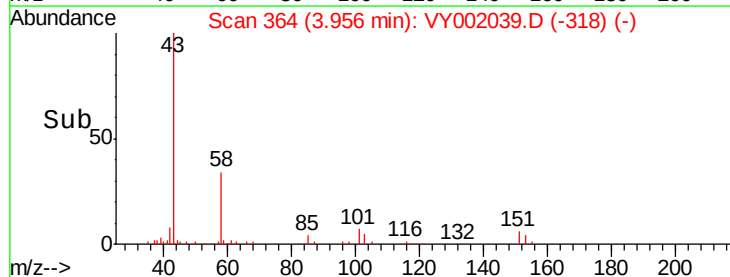
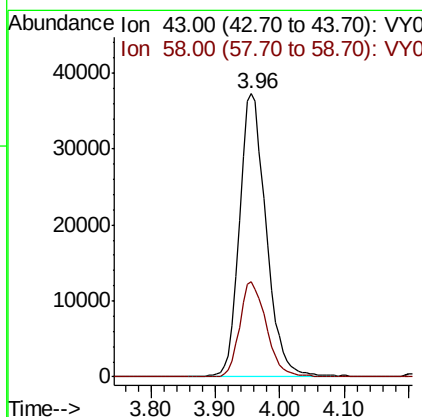
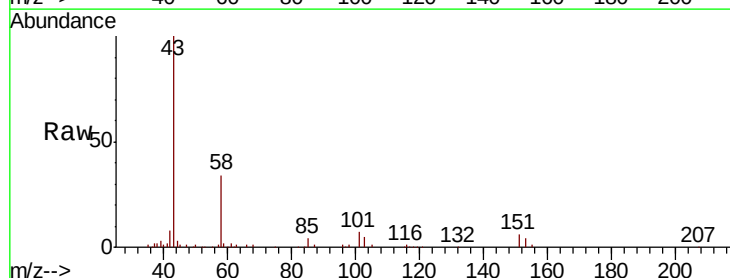
RT: 3.96 min Scan# 364

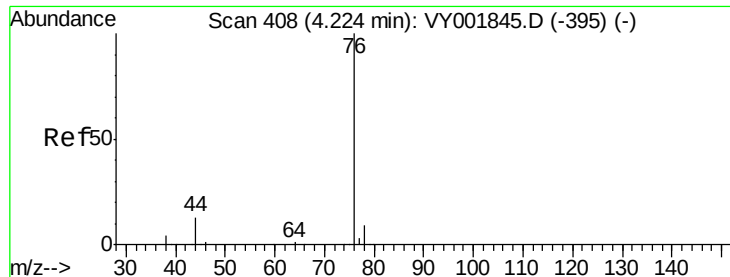
Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Tgt Ion:	43	Resp:	106536
Ion Ratio	Lower	Upper	
43	100		
58	33.5	25.9	38.9





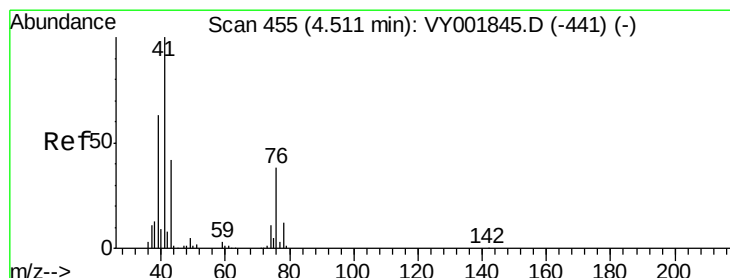
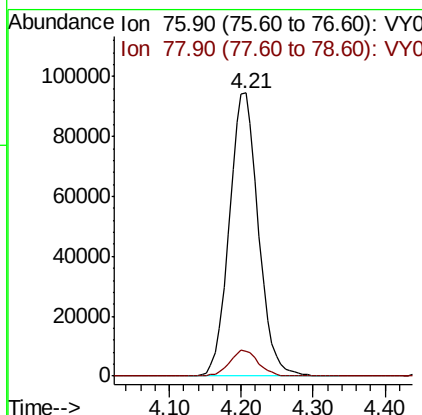
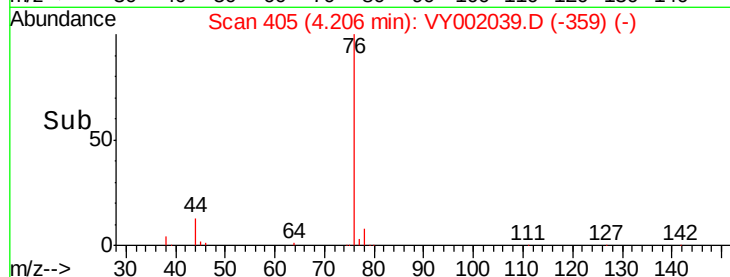
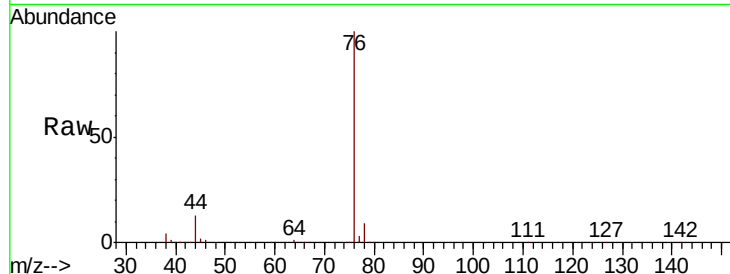
#17
Carbon Disulfide
Concen: 45.411 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

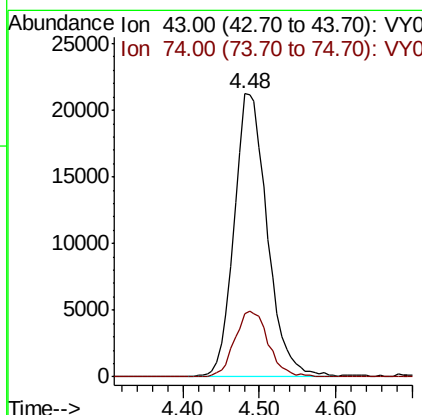
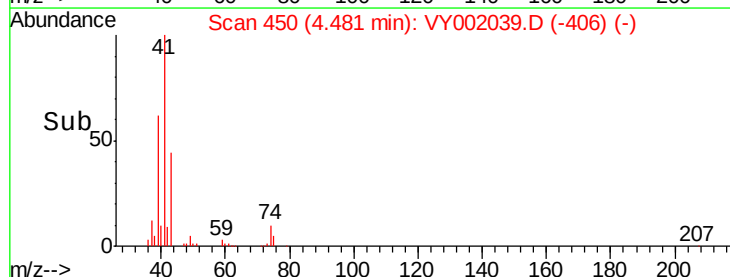
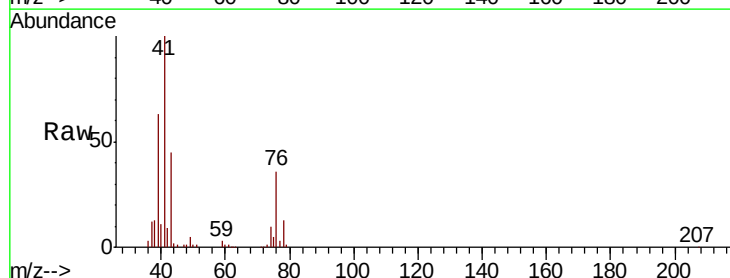
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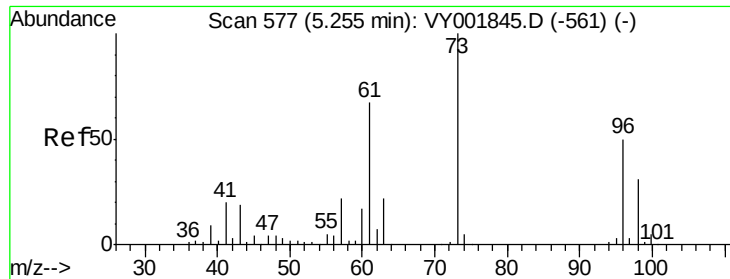
MMDadoda
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#18
Methyl Acetate
Concen: 51.299 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.03 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.0	28.6





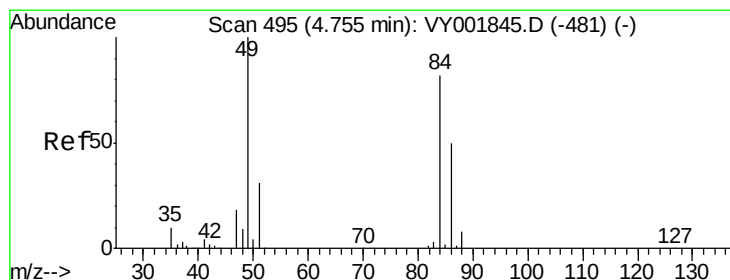
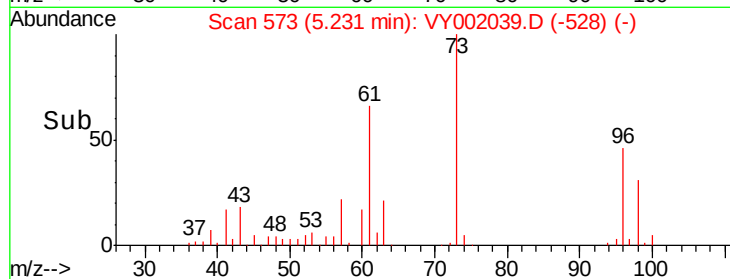
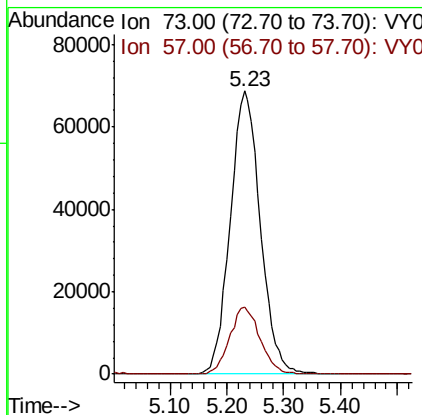
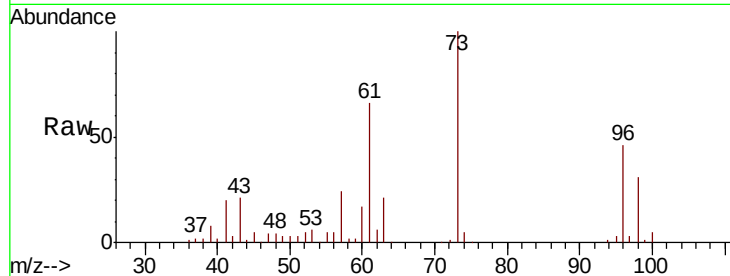
#19
Methyl tert-butyl Ether
Concen: 53.849 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	17.4	26.2

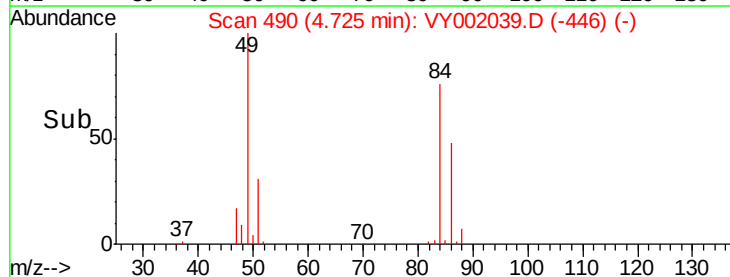
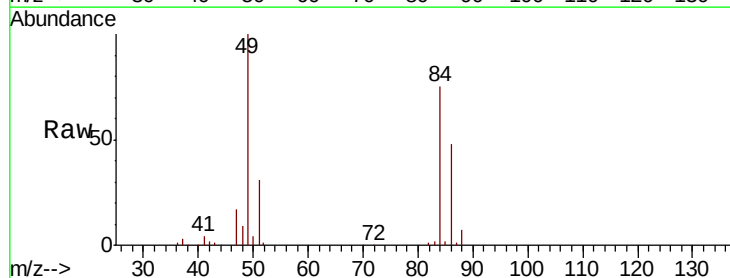
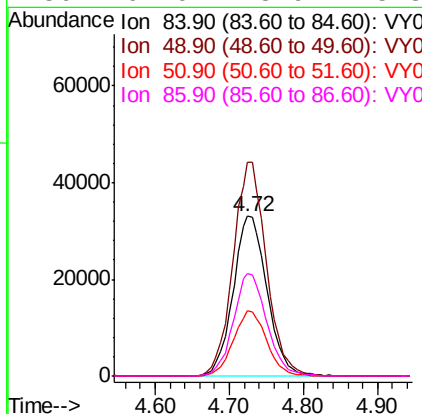
Manual Integrations
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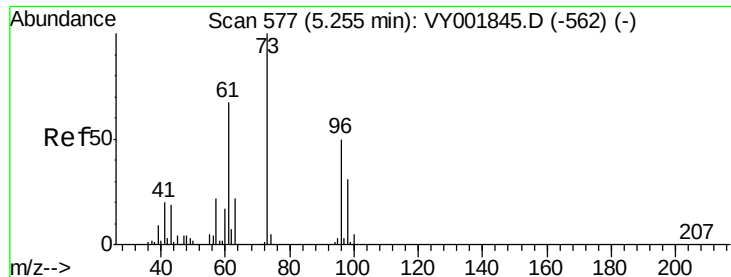
MMDadoda
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#20
Methylene Chloride
Concen: 50.449 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.03 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.6	98.2	147.2
51	41.1	30.2	45.2
86	64.0	48.9	73.3





#21

trans-1,2-Dichloroethene

Concen: 51.509 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 101498

Ion Ratio Lower Upper

96 100

61 135.4 107.7 161.5

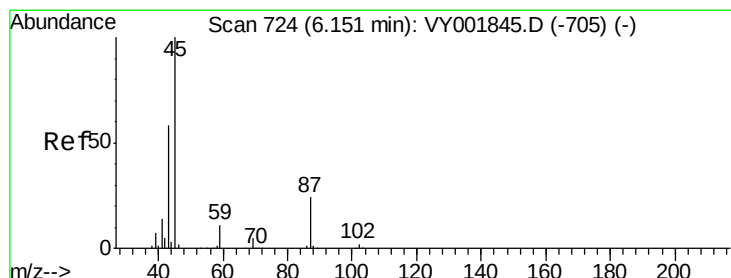
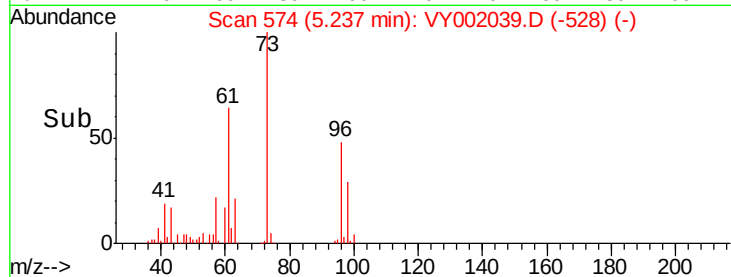
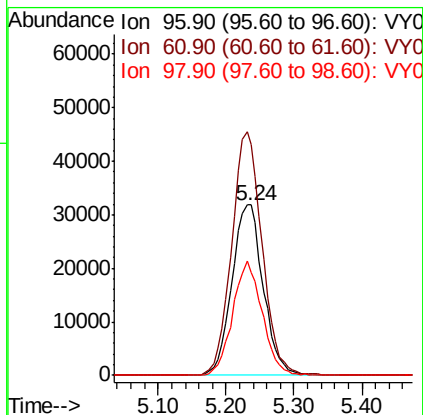
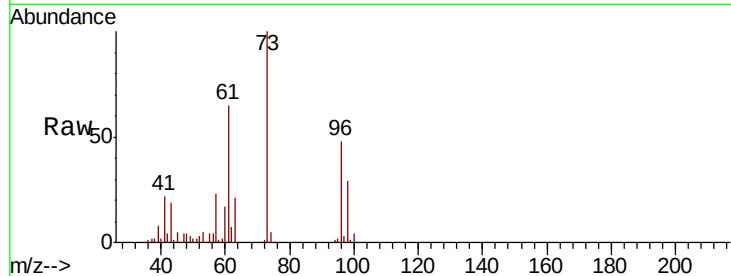
98 60.7 49.3 73.9

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#22

Diisopropyl ether

Concen: 55.494 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Tgt Ion: 45 Resp: 350105

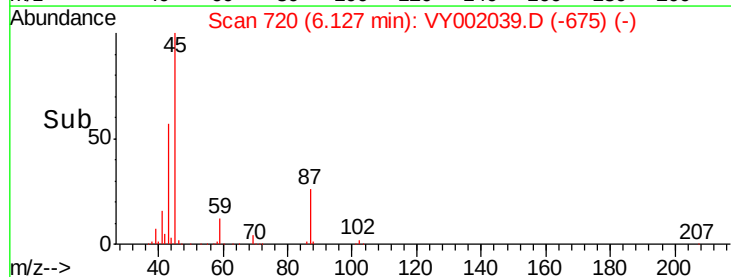
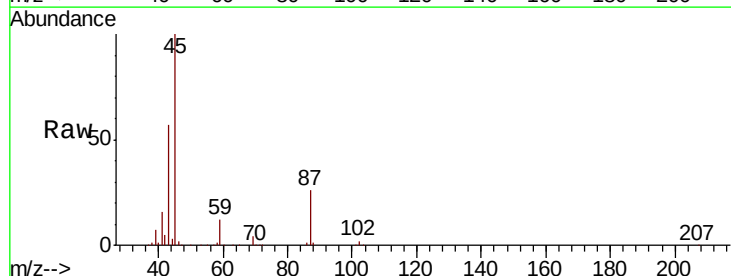
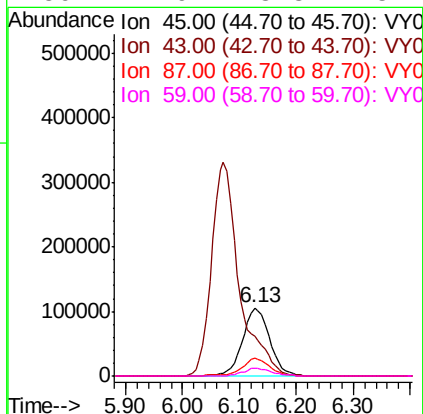
Ion Ratio Lower Upper

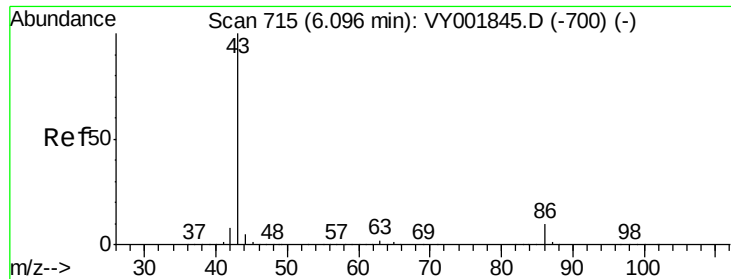
45 100

43 57.1 47.2 70.8

87 26.4 19.8 29.8

59 11.9 8.8 13.2





#23

Vinyl Acetate

Concen: 270.476 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1118651

Ion Ratio Lower Upper

43 100

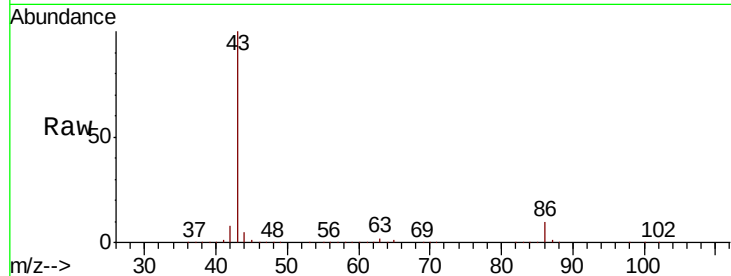
86 10.5 7.8 11.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

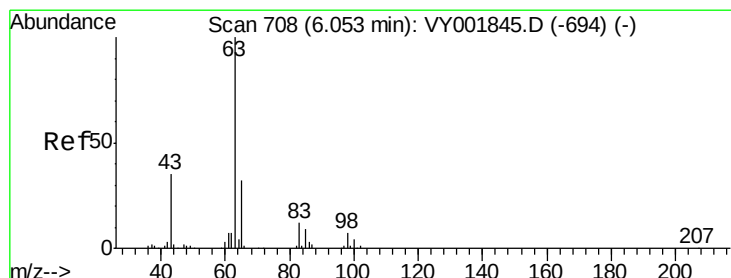
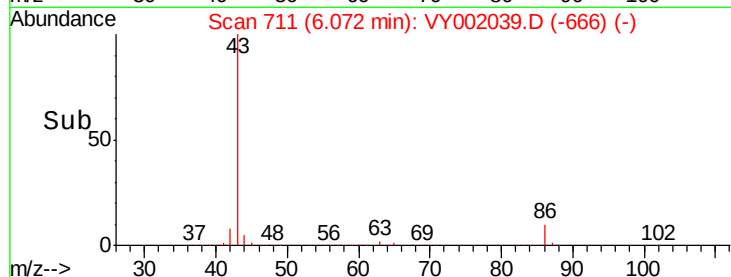
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.774 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

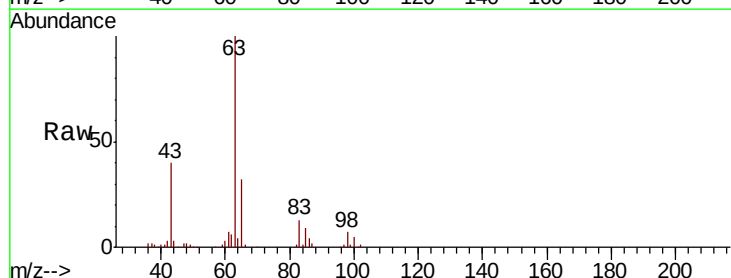
Tgt Ion: 63 Resp: 183714

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

80000

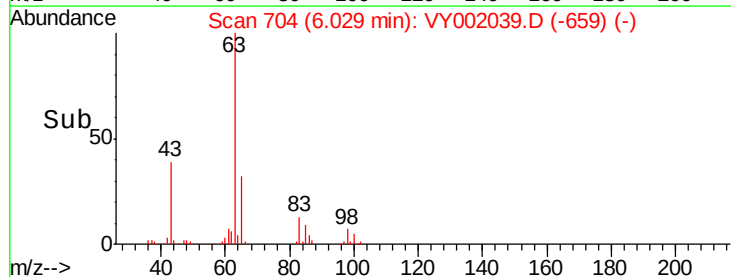
60000

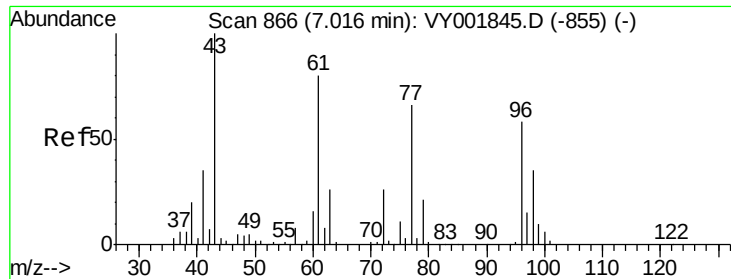
40000

20000

0

Time-->





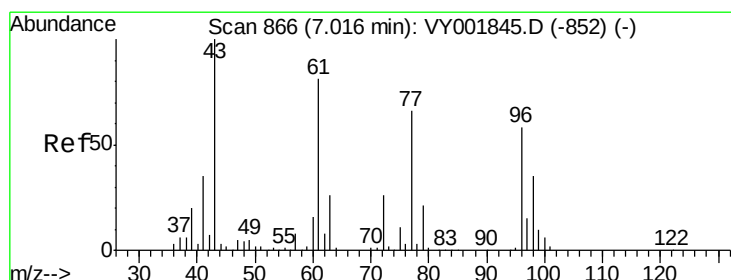
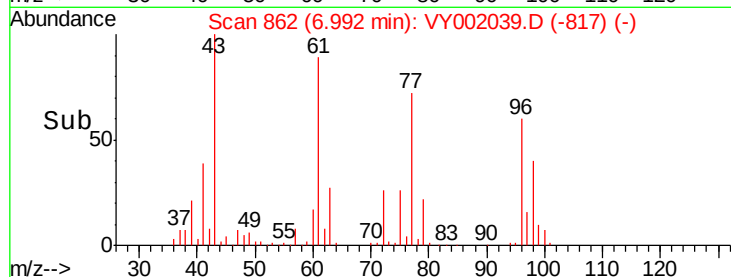
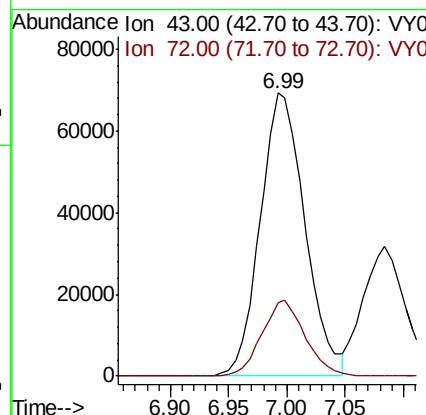
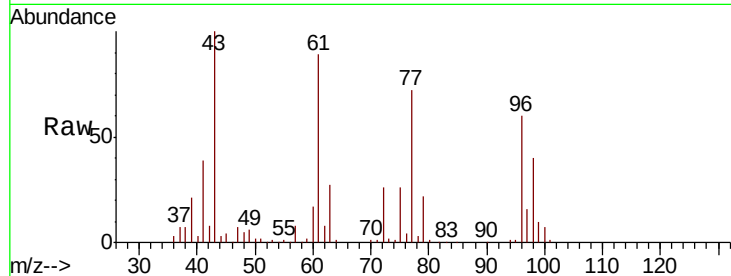
#25
2-Butanone
Concen: 249.694 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 184362
Ion Ratio Lower Upper
43 100
72 25.9 20.9 31.3

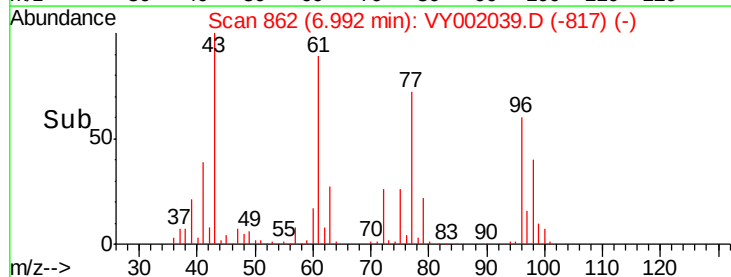
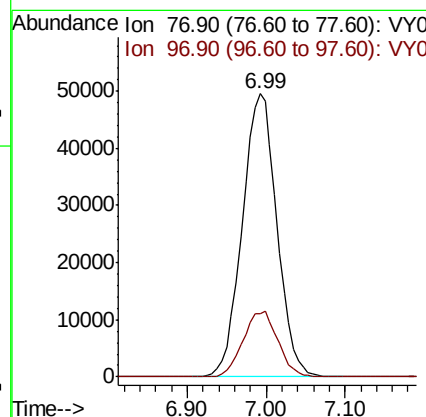
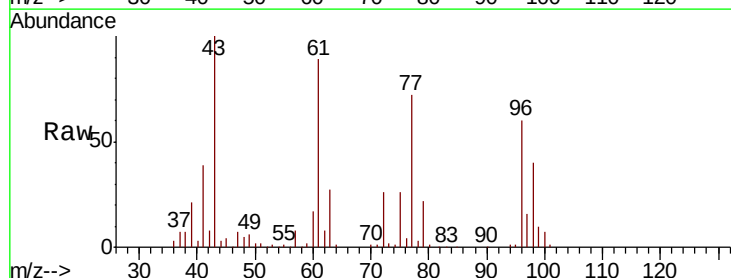
Manual Integrations
APPROVED

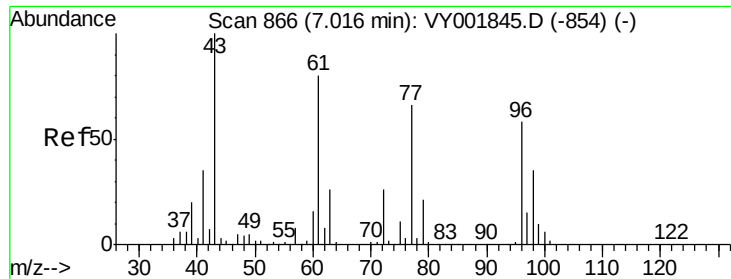
MMDadoda
3/23/2020 2:21:28 PM



#26
2,2-Dichloropropane
Concen: 53.799 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion: 77 Resp: 150859
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.7





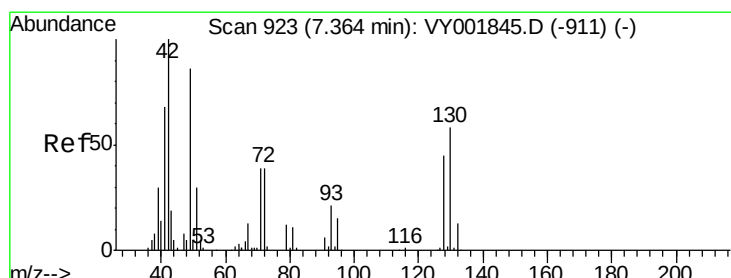
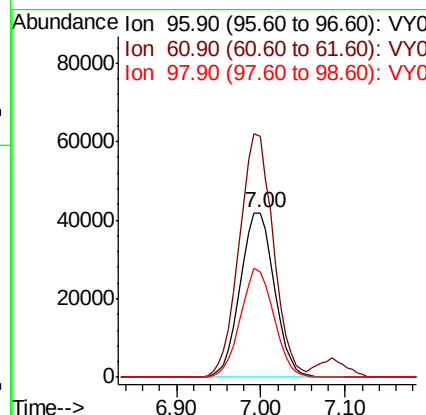
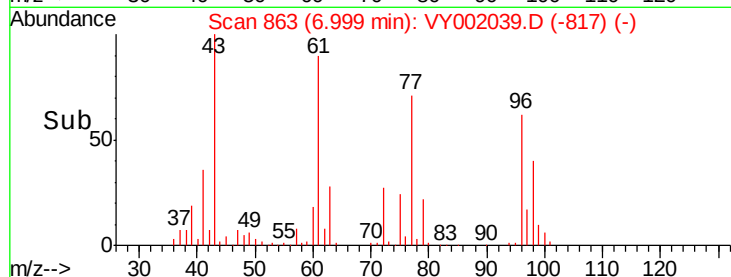
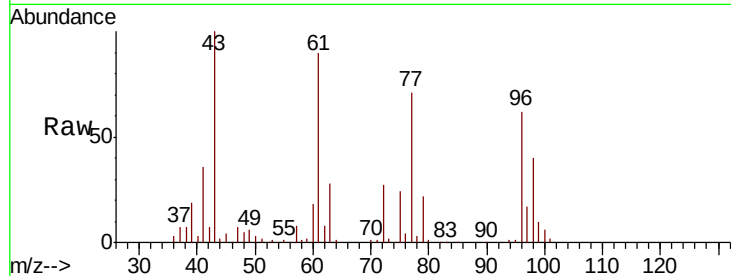
#27
 cis-1,2-Dichloroethene
 Concen: 53.815 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.2	0.0	288.2	
98	64.5	0.0	129.0	

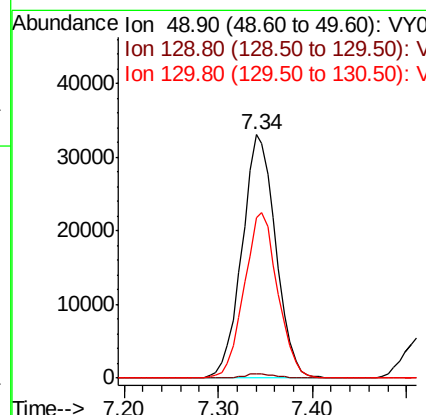
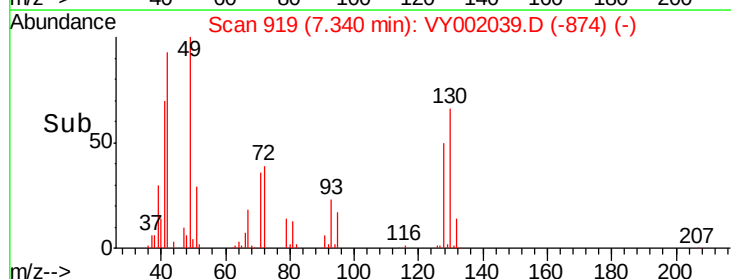
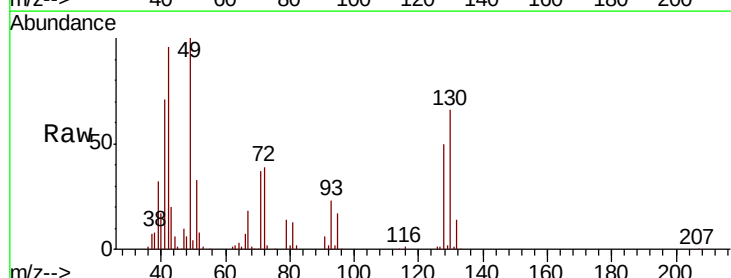
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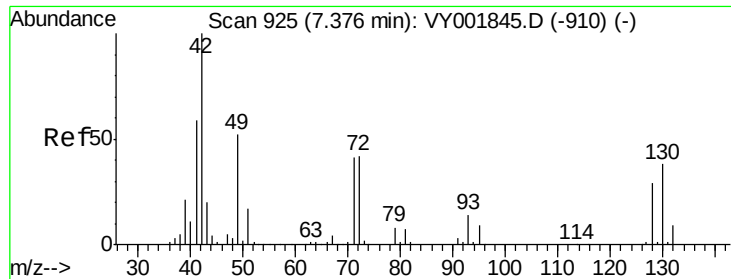
MMDadoda
 3/23/2020 2:21:28 PM



#28
 Bromochloromethane
 Concen: 53.633 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.8	
130	67.8	54.4	81.6	





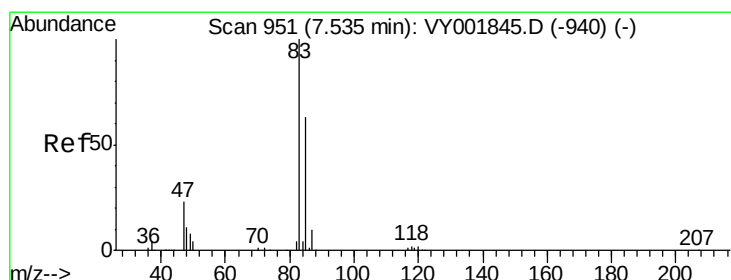
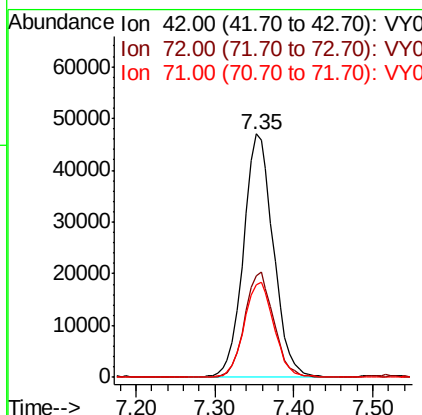
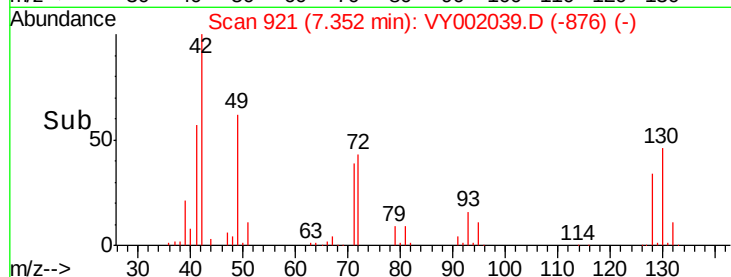
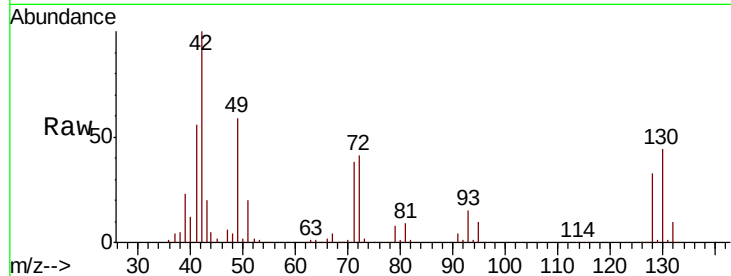
#29
Tetrahydrofuran
Concen: 253.130 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.5	50.3
71	38.8	31.3	46.9

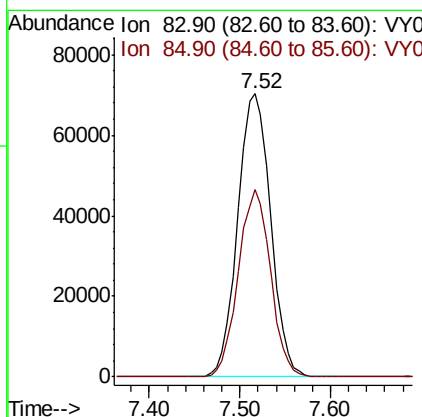
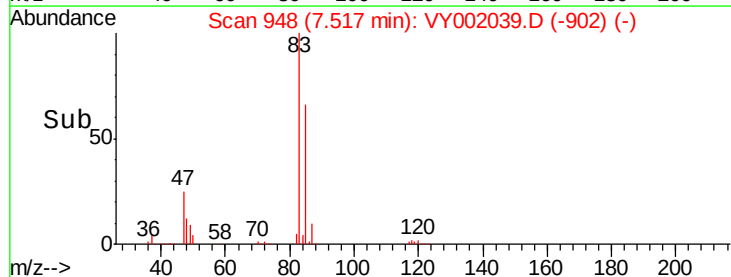
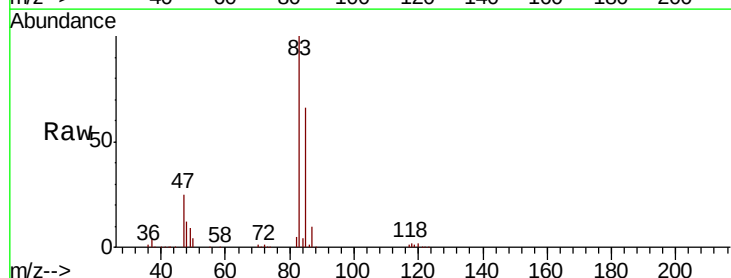
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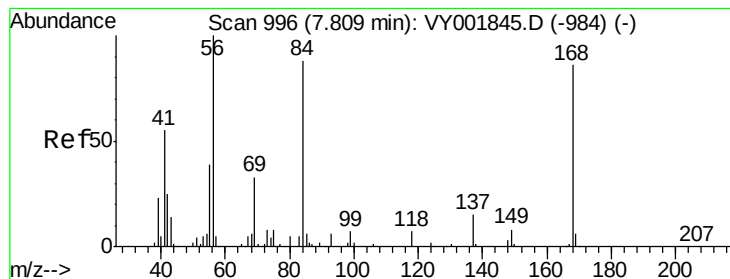
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#30
Chloroform
Concen: 55.187 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.7	76.1





#31

Cyclohexane

Concen: 48.221 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 176640

Ion Ratio Lower Upper

56 100

69 32.4 26.7 40.1

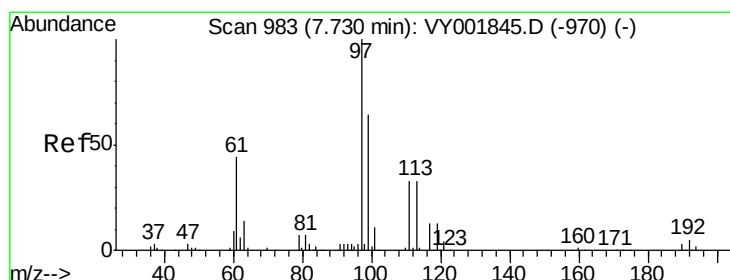
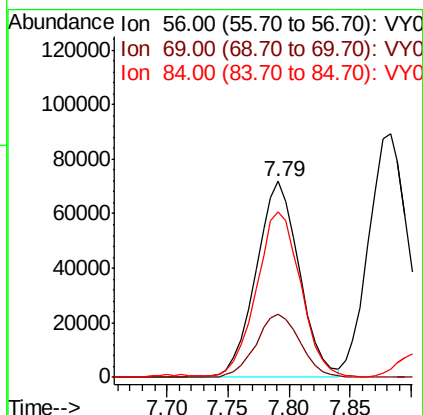
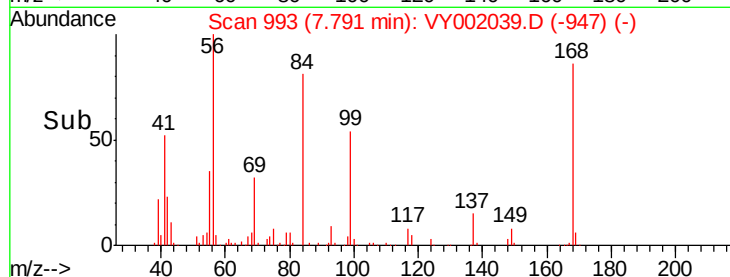
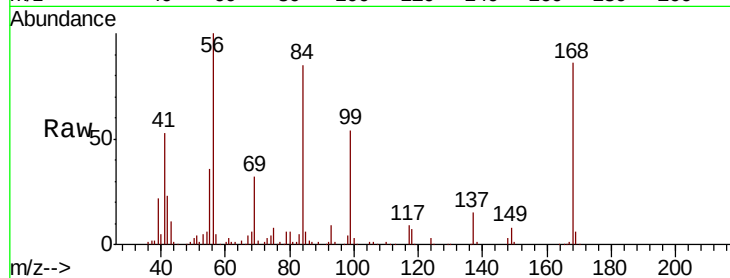
84 83.7 70.4 105.6

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#32

1,1,1-Trichloroethane

Concen: 55.014 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

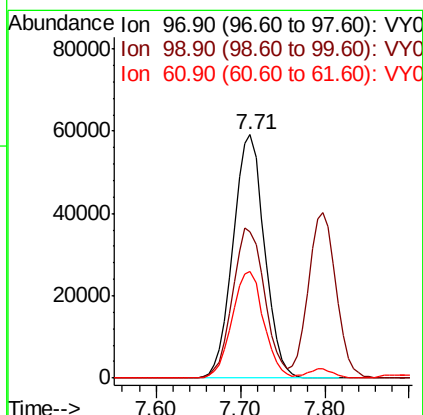
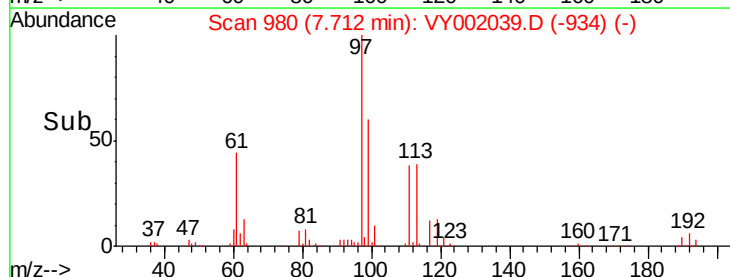
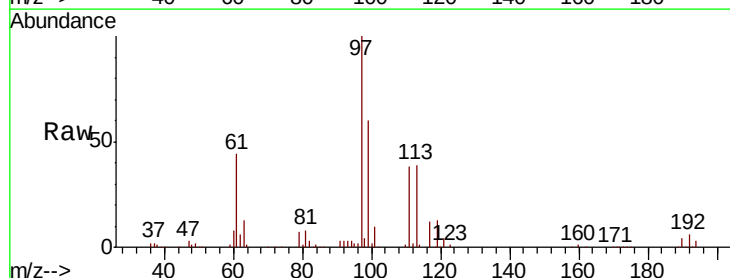
Tgt Ion: 97 Resp: 148833

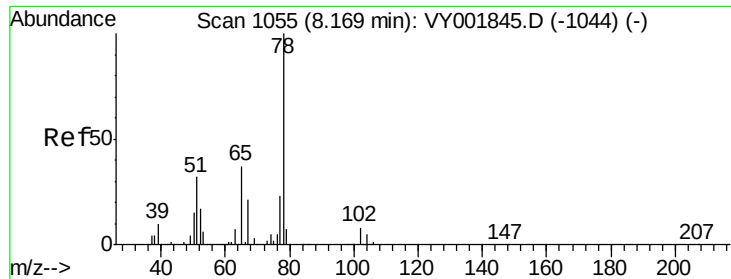
Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

61 44.4 35.0 52.4





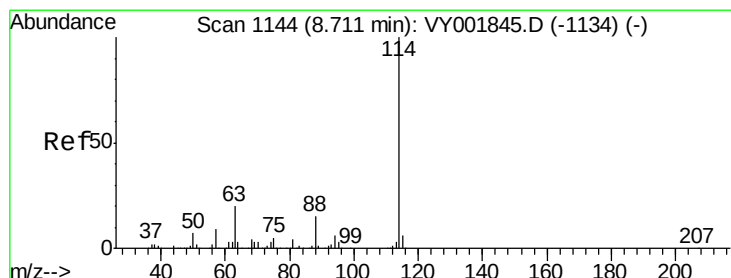
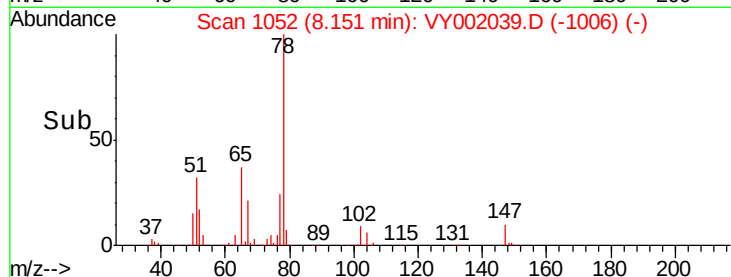
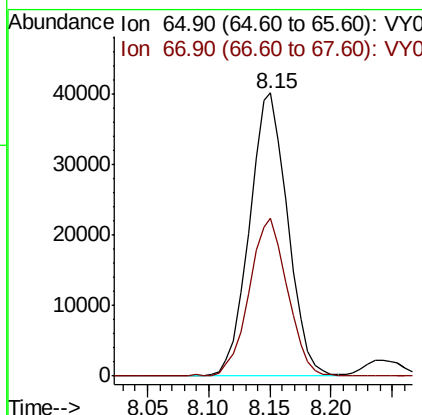
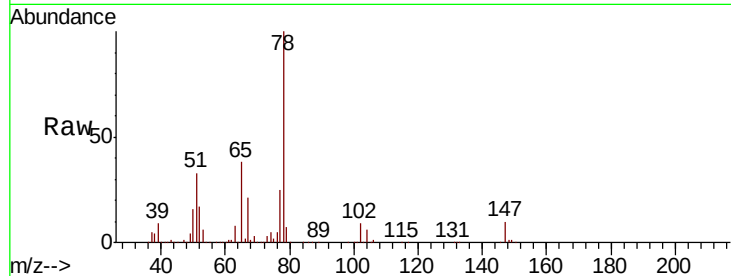
#33
 1,2-Dichloroethane-d4
 Concen: 52.275 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	110.8

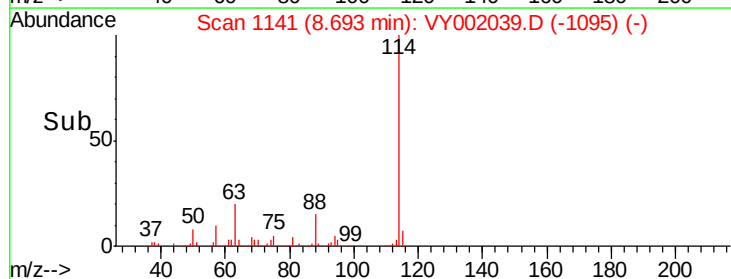
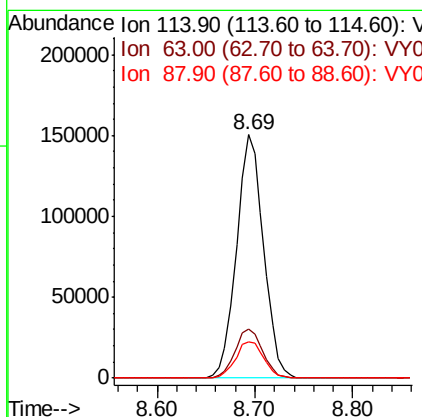
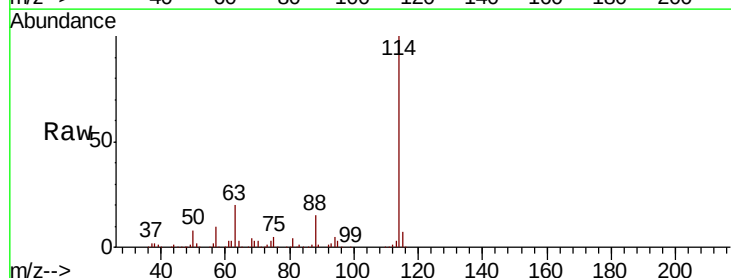
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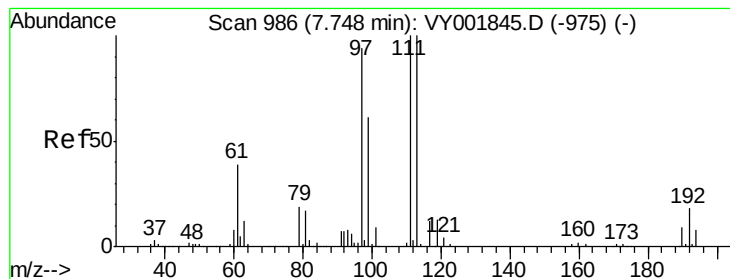
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.4
88	14.8	0.0	30.4





#35

Dibromofluoromethane

Concen: 52.226 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 81935

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

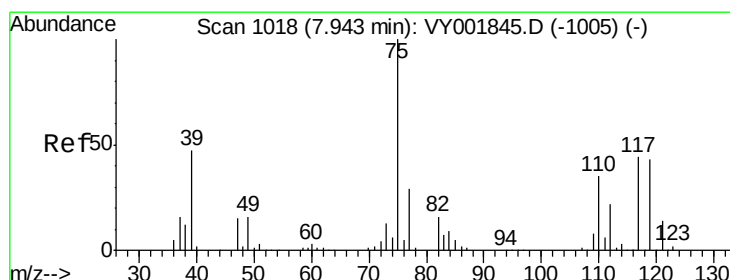
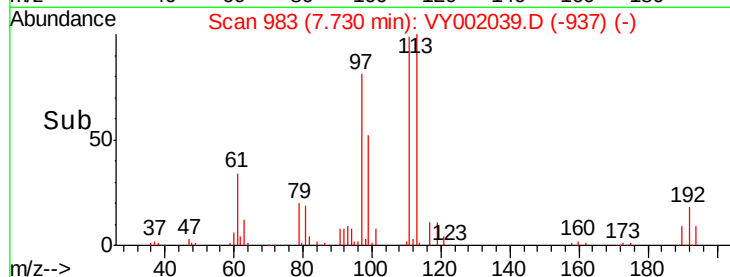
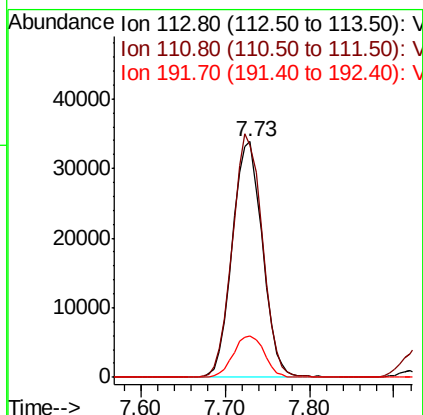
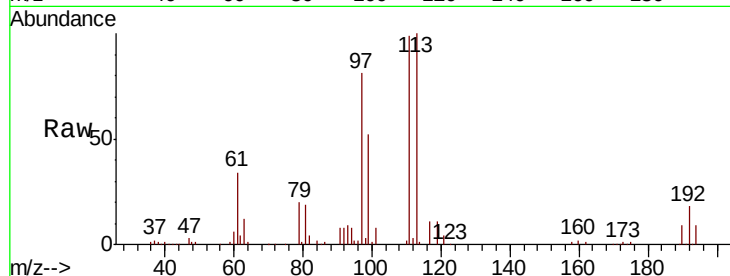
192 18.1 14.2 21.2

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#36

1,1-Dichloropropene

Concen: 51.265 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

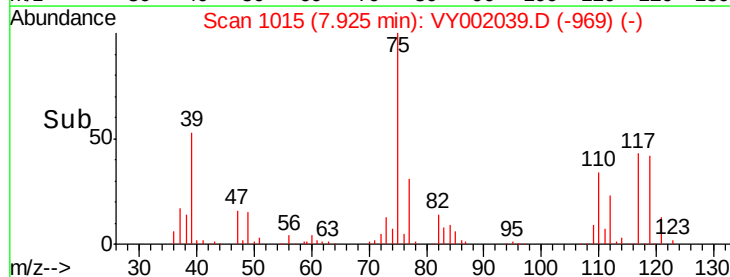
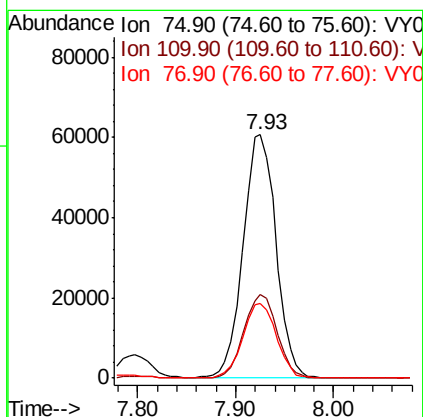
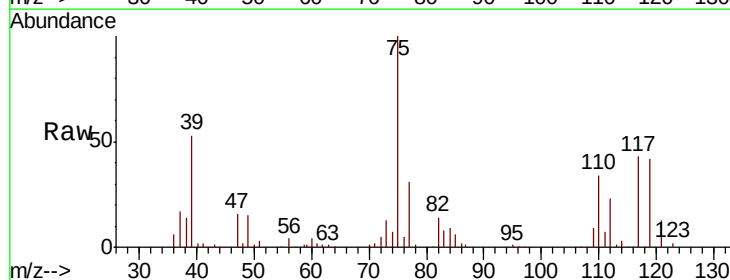
Tgt Ion: 75 Resp: 141737

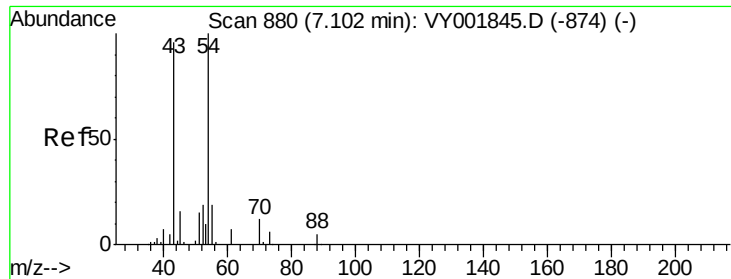
Ion Ratio Lower Upper

75 100

110 34.6 17.4 52.2

77 31.5 24.2 36.2





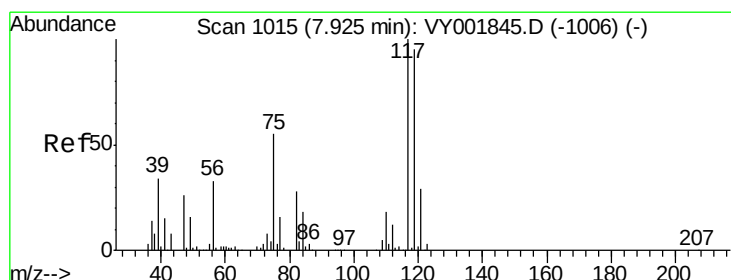
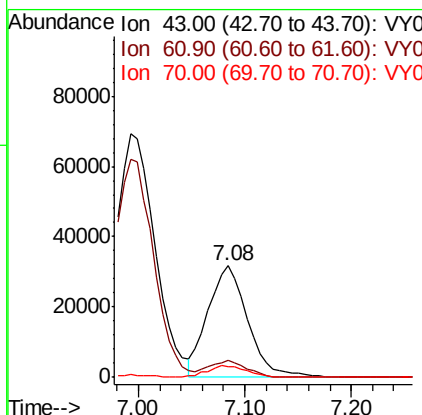
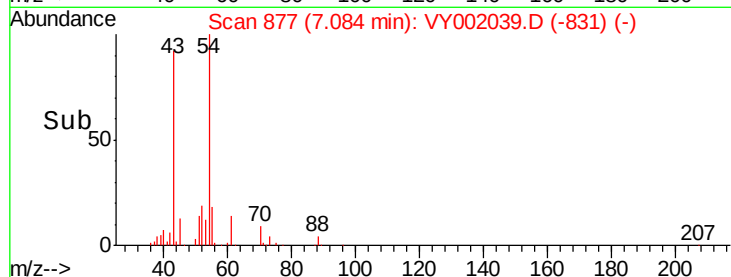
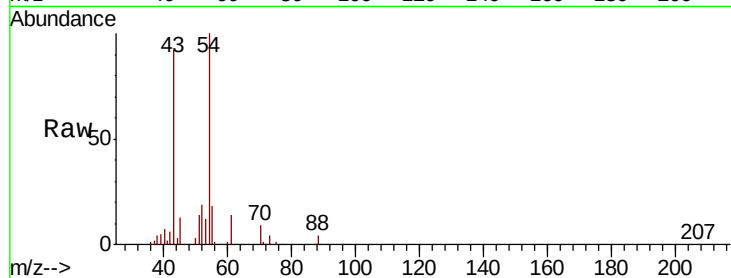
#37
Ethyl Acetate
Concen: 51.151 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	10.2	8.2	12.4

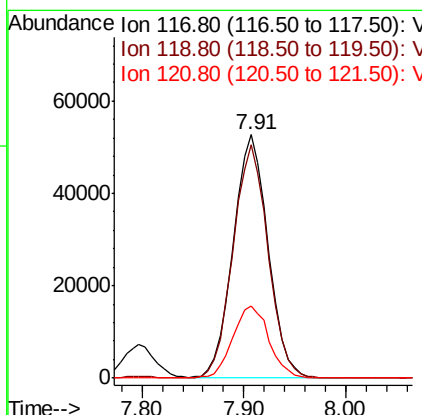
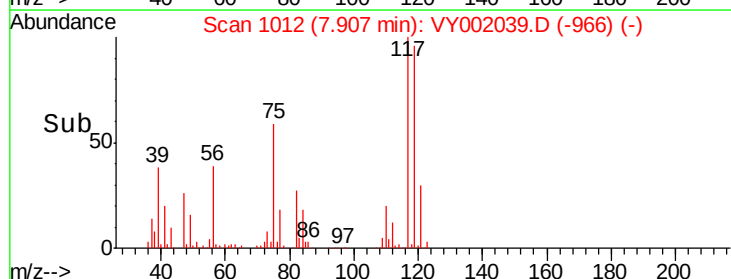
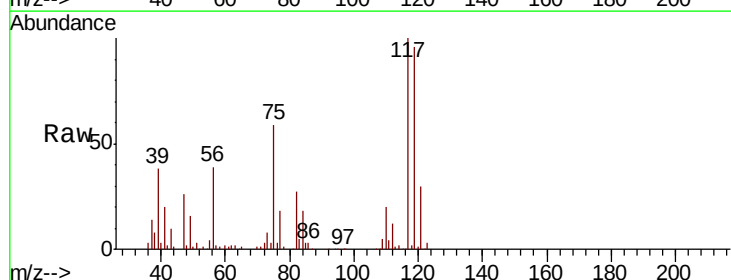
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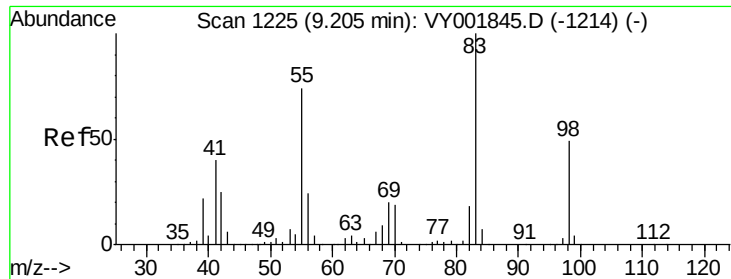
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#38
Carbon Tetrachloride
Concen: 52.860 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
121	29.7	23.5	35.3





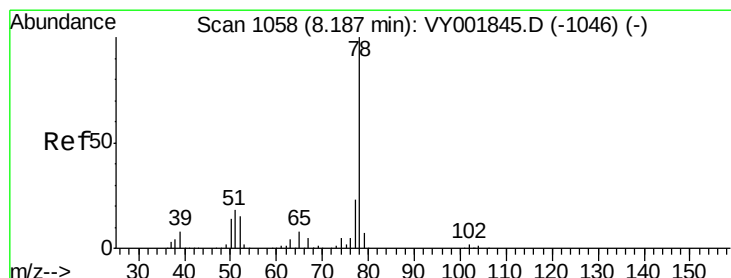
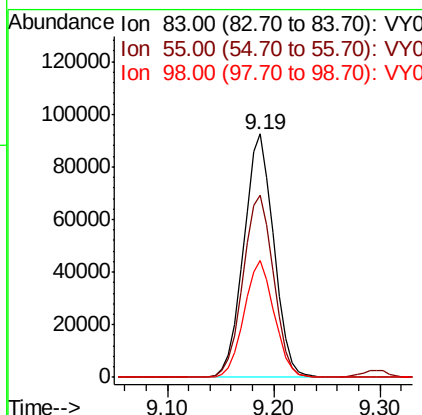
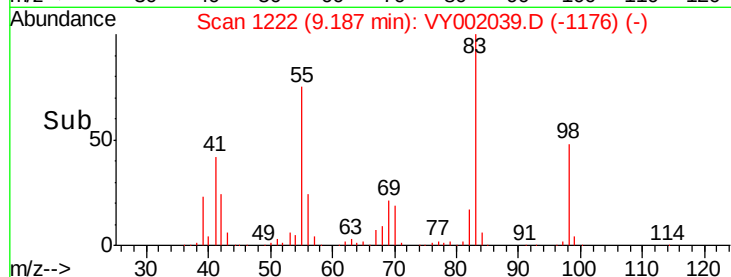
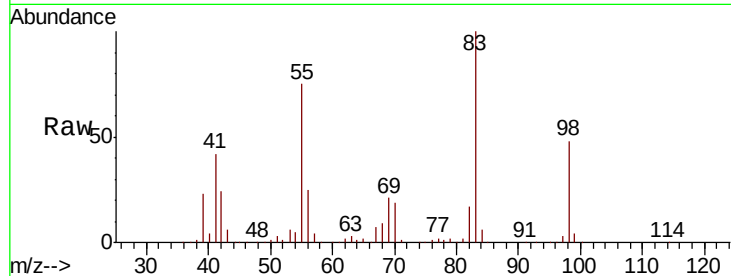
#39
Methylvlcyclohexane
Concen: 49.967 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	59.4	89.0
98	48.0	38.9	58.3

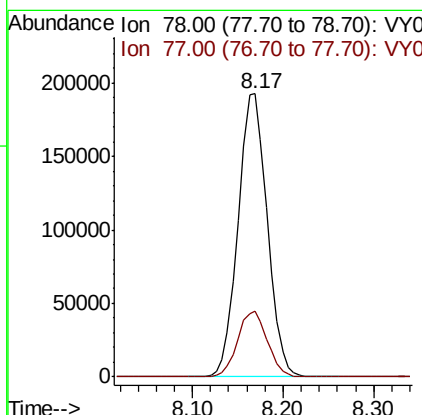
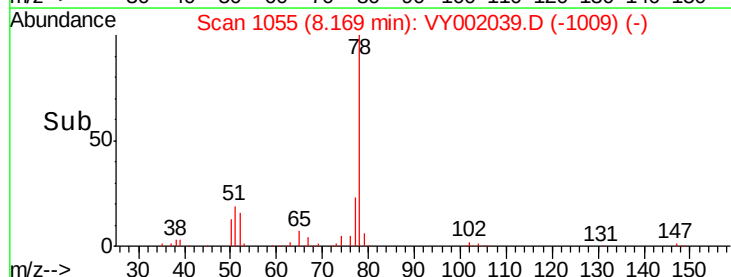
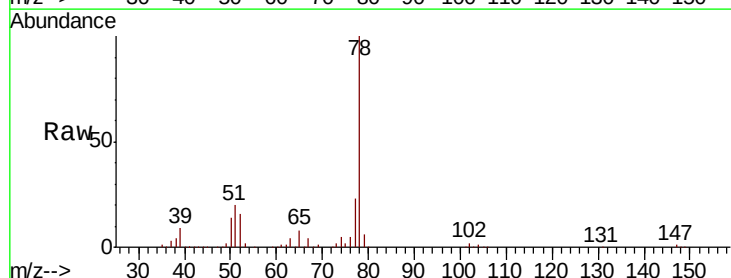
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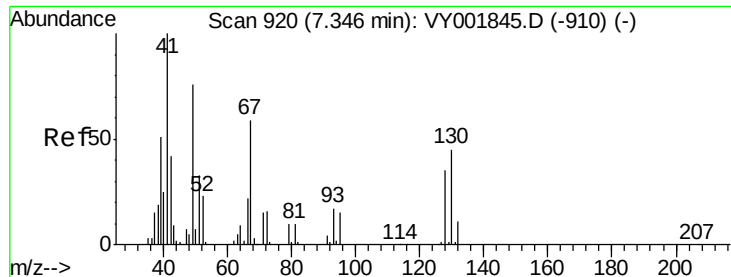
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#40
Benzene
Concen: 52.296 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





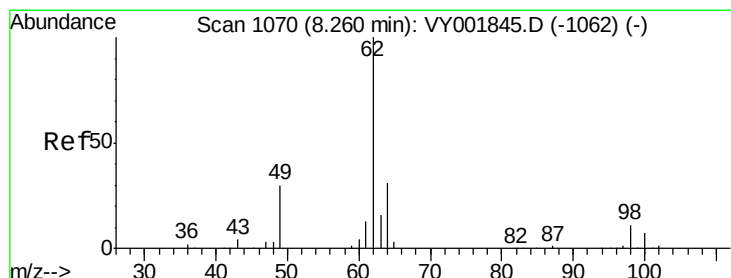
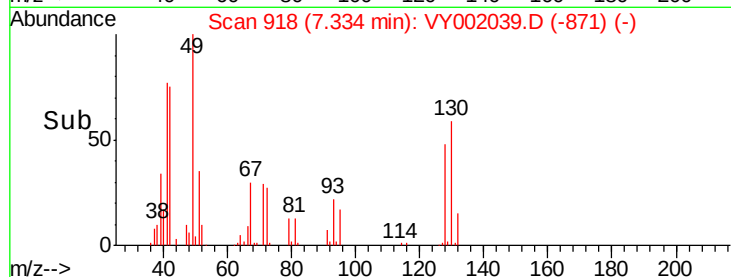
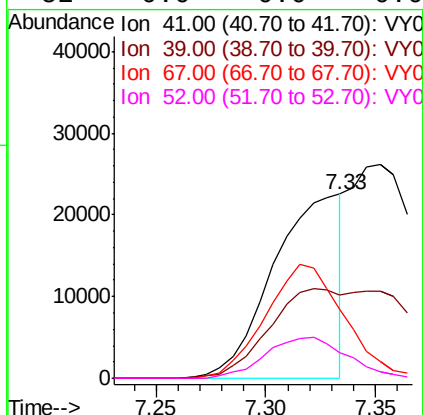
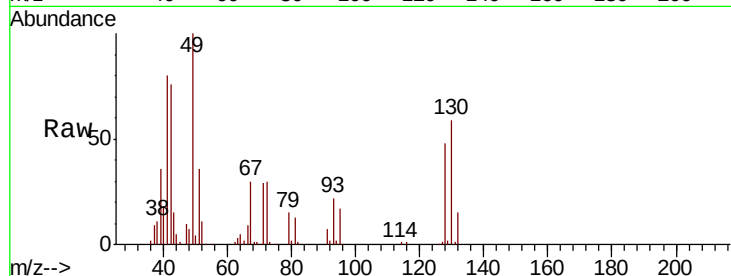
#41
Methacrylonitrile
Concen: 68.941 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

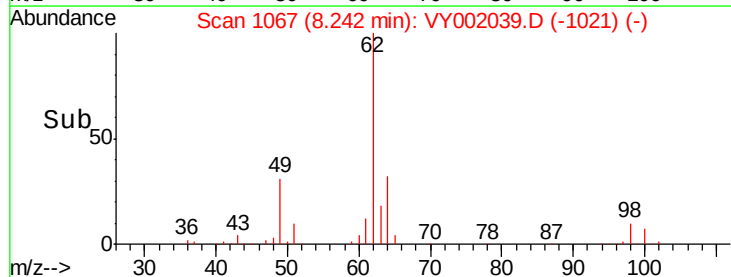
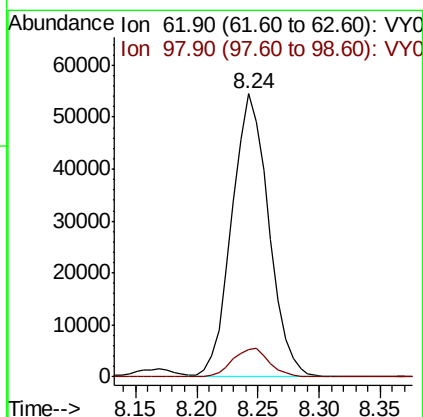
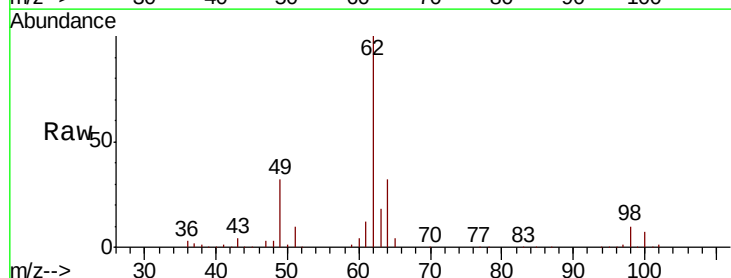
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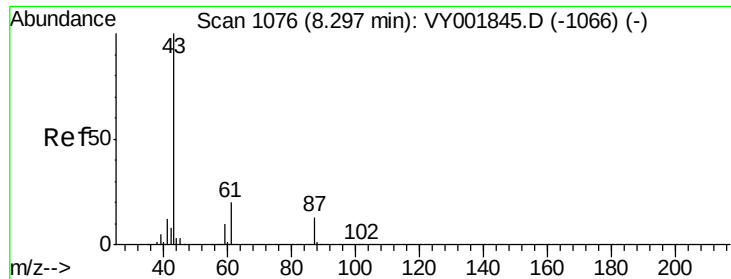
MMDadoda
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#42
1,2-Dichloroethane
Concen: 54.002 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.4





#43

Isopropyl Acetate

Concen: 52.355 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

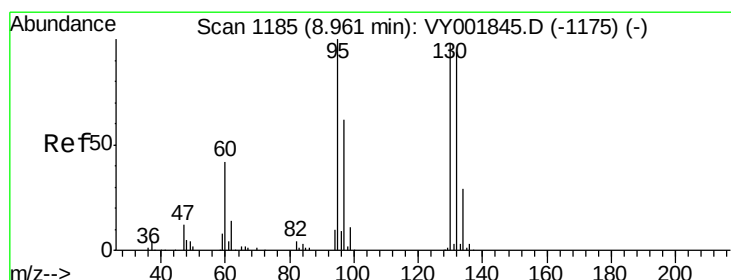
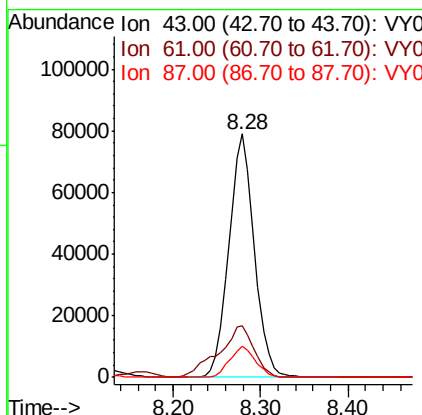
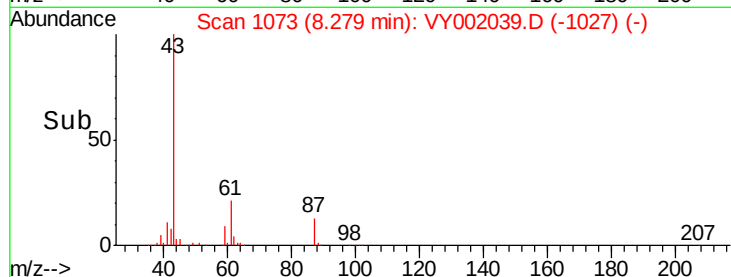
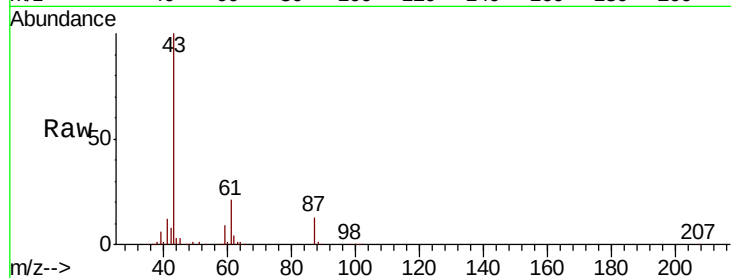
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	159282
Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.8	35.6
87	12.9	10.9	16.3

Manual Integrations
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#44

Trichloroethene

Concen: 51.693 ug/l

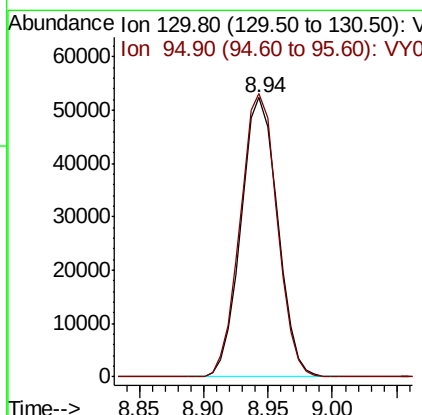
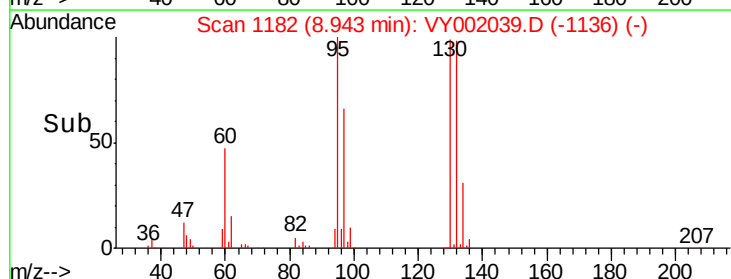
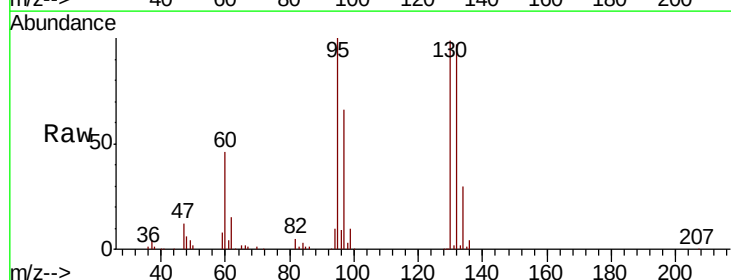
RT: 8.94 min Scan# 1182

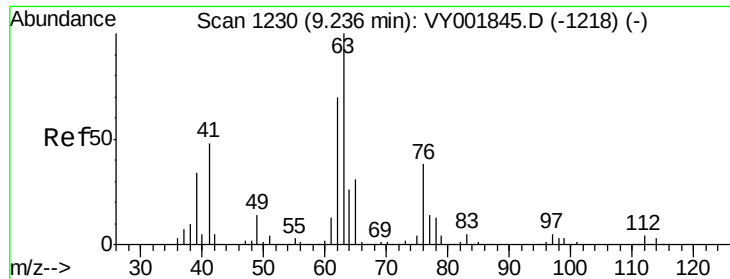
Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Tgt Ion:	130	Resp:	103170
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	204.6





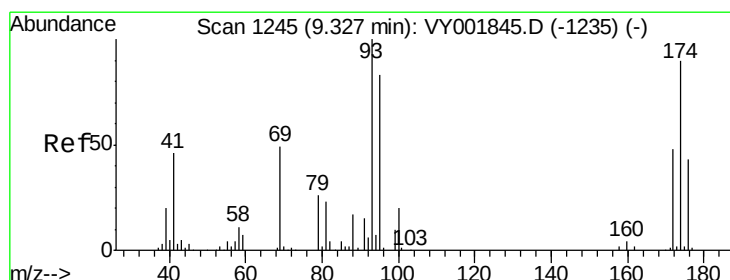
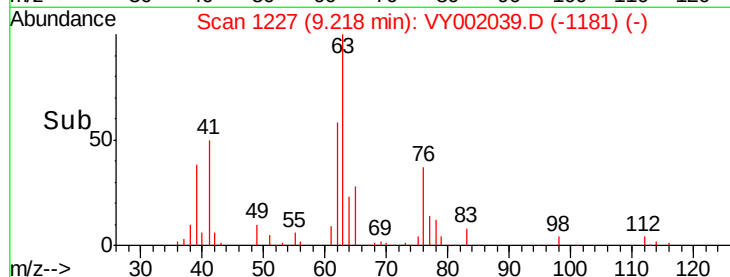
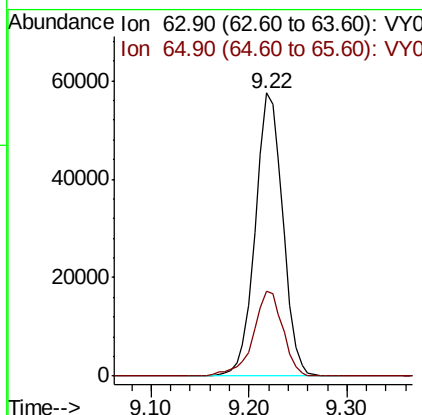
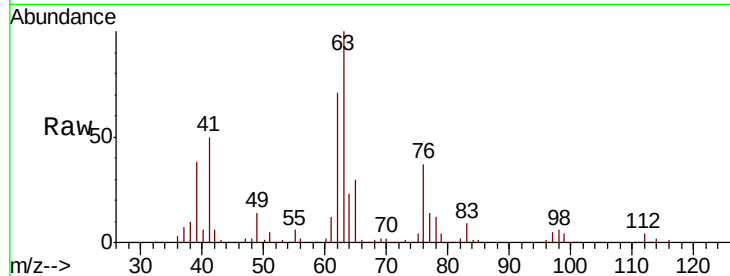
#45
 1,2-Dichloropropane
 Concen: 54.971 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.9	37.3

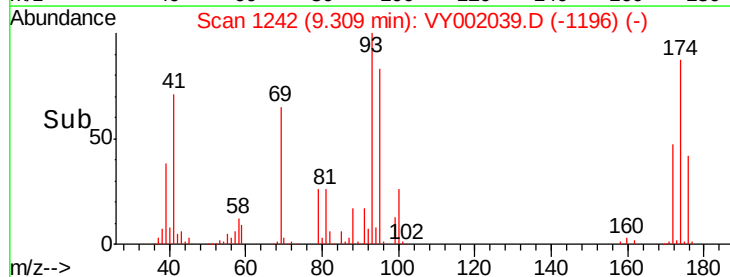
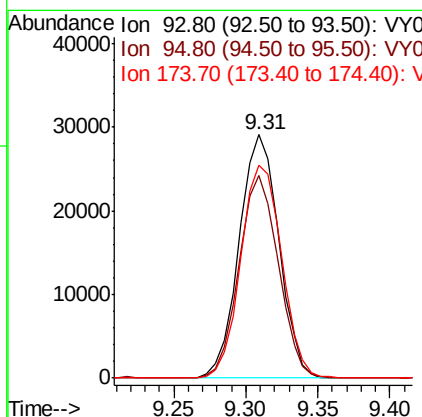
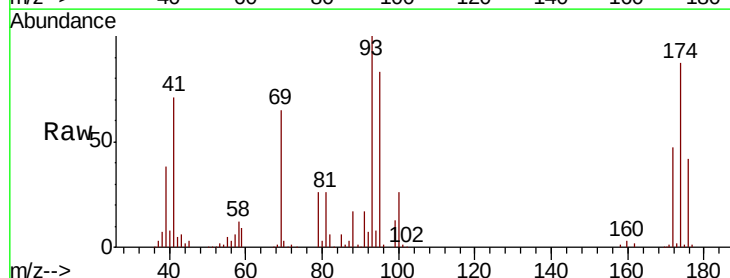
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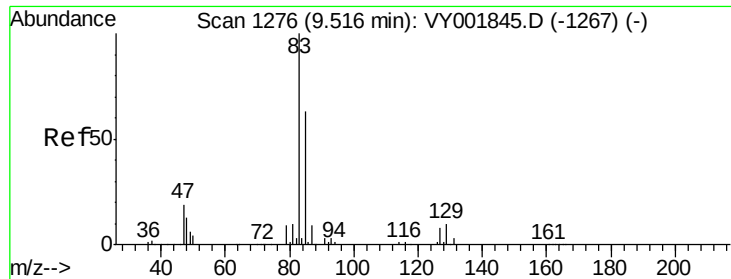
MMDadoda
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#46
 Dibromomethane
 Concen: 52.426 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	67.0	100.4
174	89.7	71.8	107.8





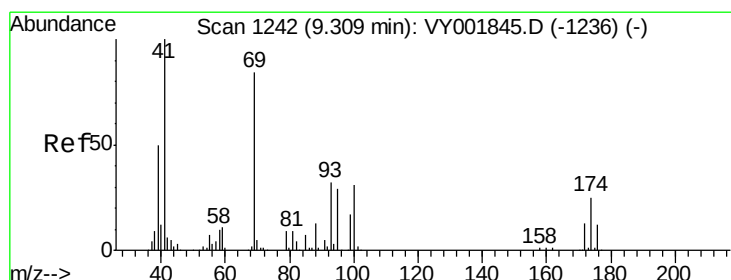
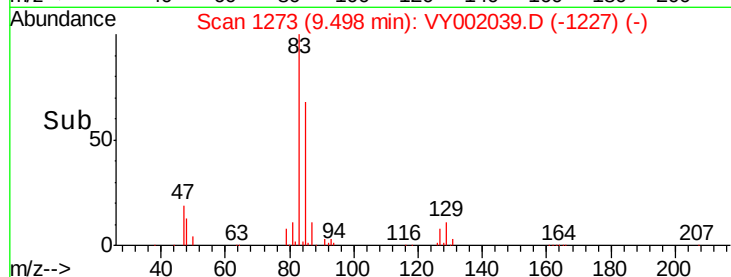
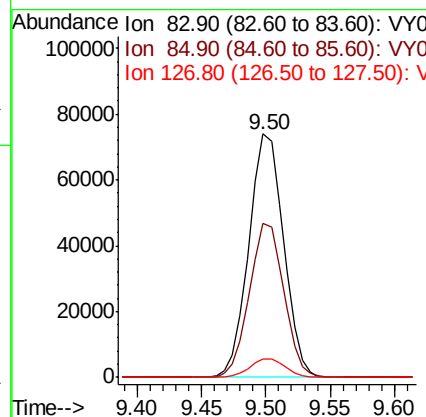
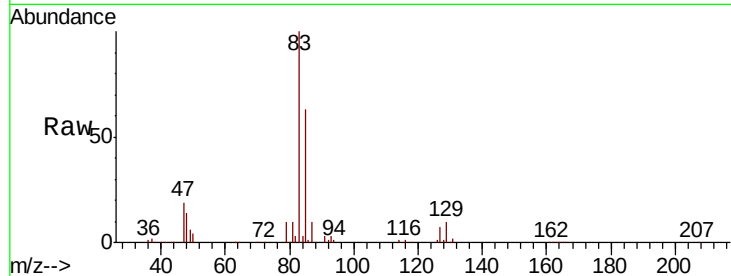
#47
Bromodichloromethane
Concen: 55.703 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.6	76.0
127	7.4	6.2	9.4

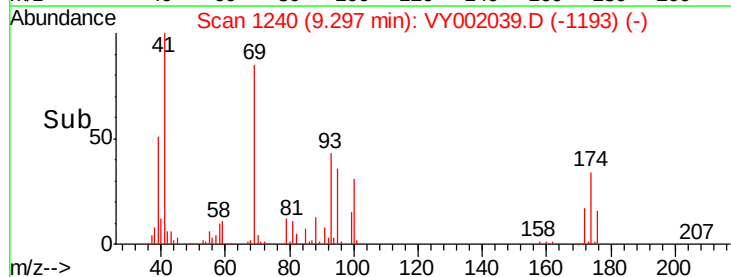
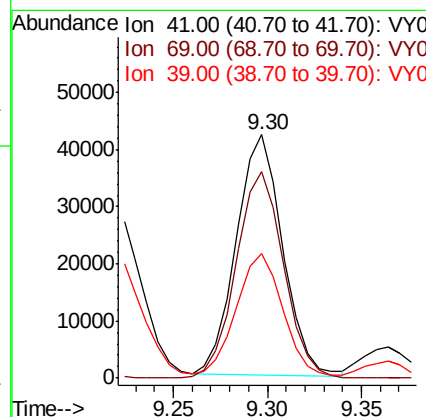
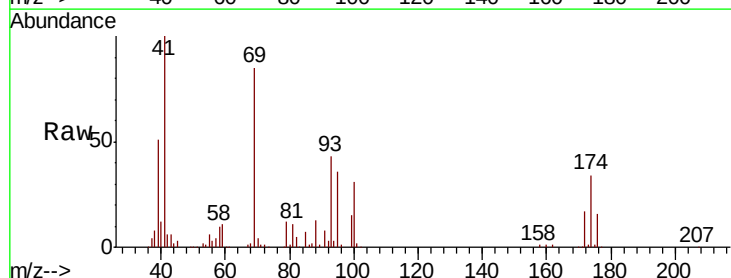
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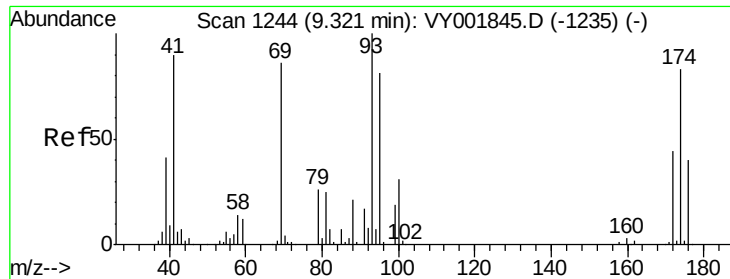
MMDadoda
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#48
Methyl methacrylate
Concen: 53.424 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.8	69.0	103.6
39	53.1	39.1	58.7





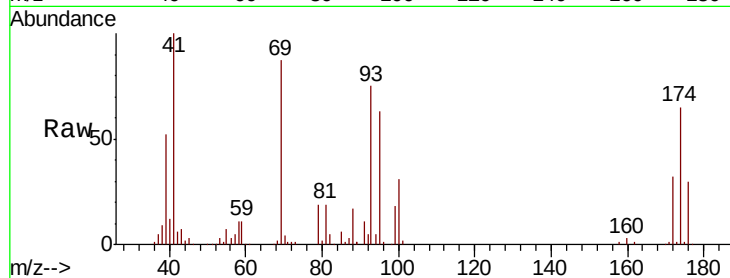
#49
 1,4-Dioxane
 Concen: 984.707 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.0	37.6
58	68.4	58.9	88.3

Manual Integrations
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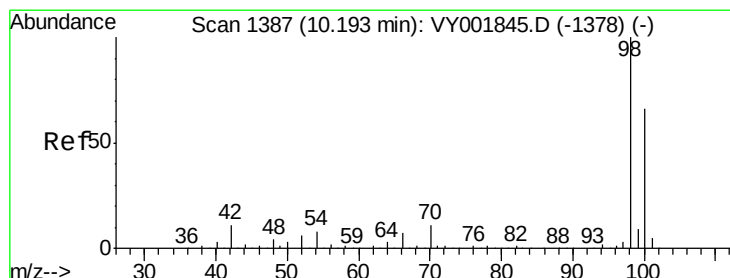
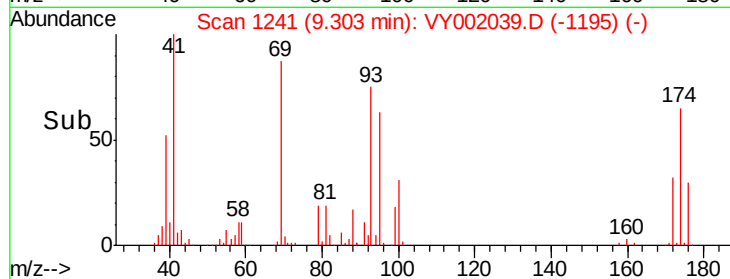
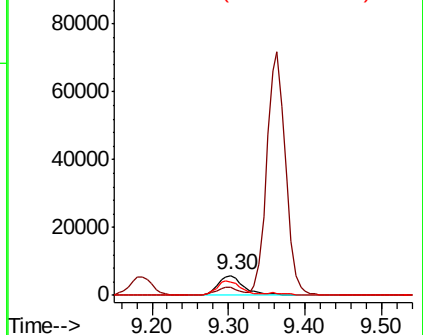


Abundance

Ion 88.00 (87.70 to 88.70): VY001845.D (-1235) (-)

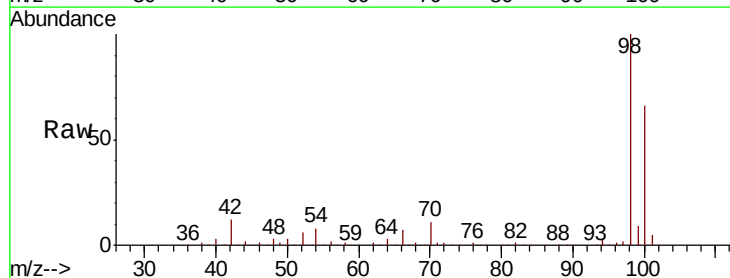
Ion 43.00 (42.70 to 43.70): VY001845.D (-1235) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1235) (-)



#50
 Toluene-d8
 Concen: 50.833 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

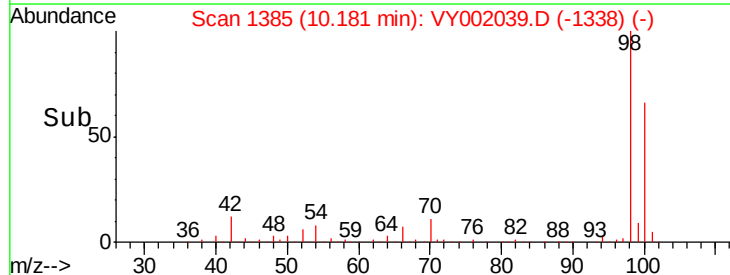
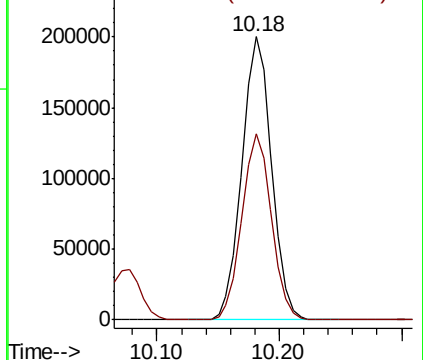
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.4

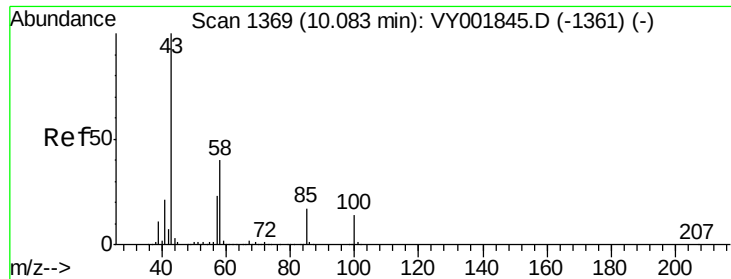


Abundance

Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)





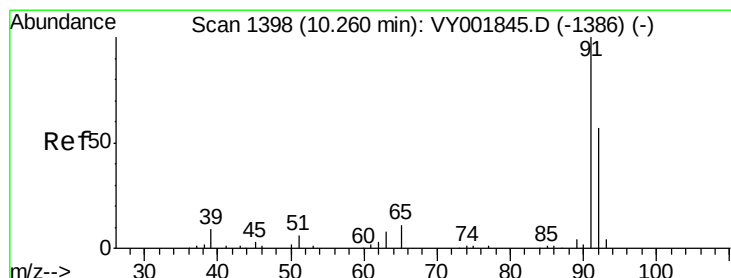
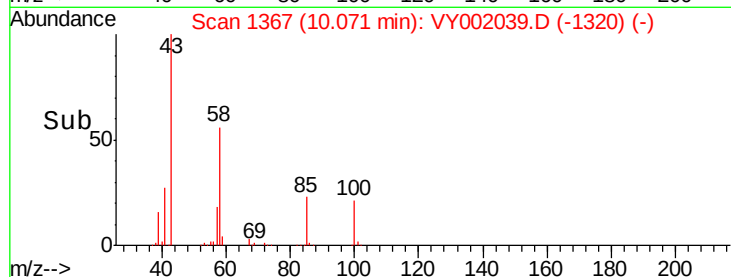
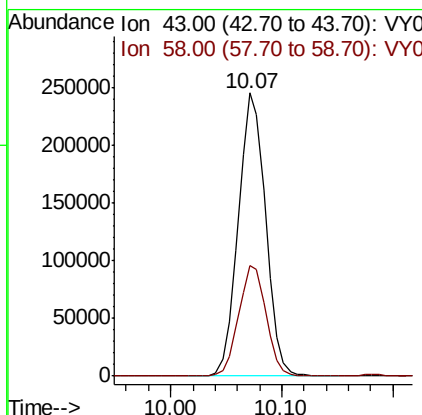
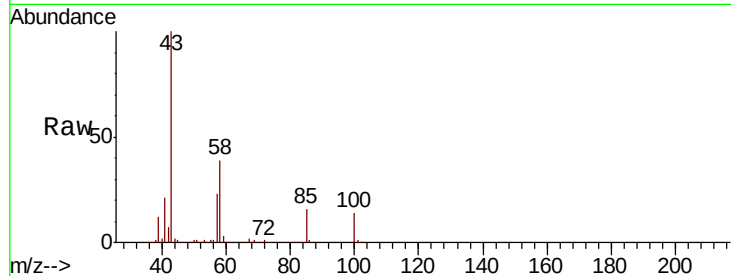
#51
 4-Methyl-2-Pentanone
 Concen: 266.401 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	417455
Ion Ratio	100	Lower	Upper
43	100		
58	39.3	32.0	48.0

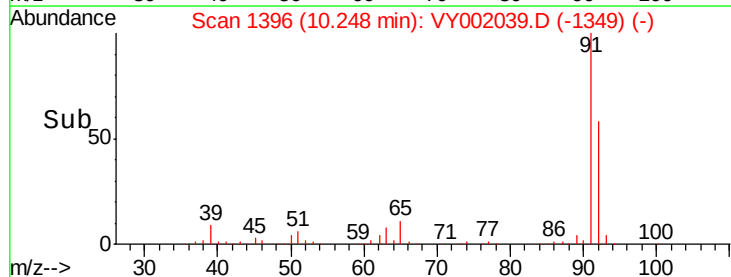
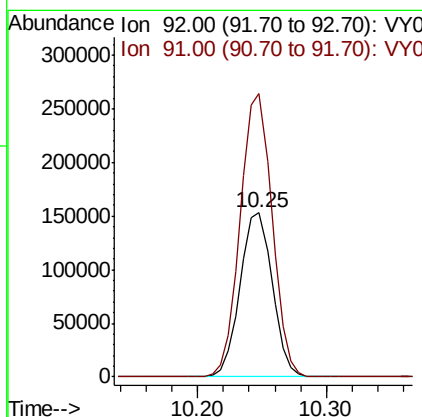
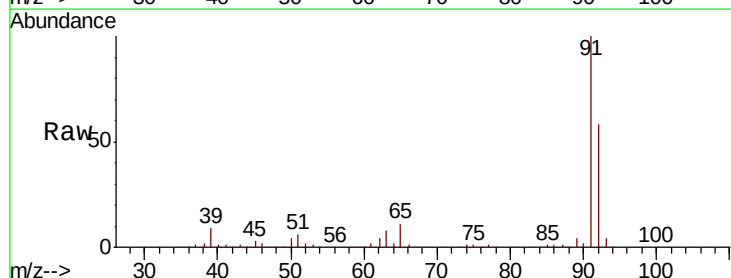
Manual Integrations
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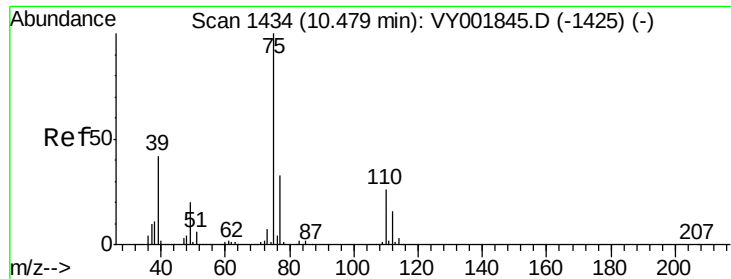
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#52
 Toluene
 Concen: 53.195 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion	92	Resp	264815
Ion Ratio	100	Lower	Upper
92	100		
91	171.1	138.6	208.0





#53

t-1,3-Dichloropropene

Concen: 55.922 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 150455

Ion Ratio Lower Upper

75 100

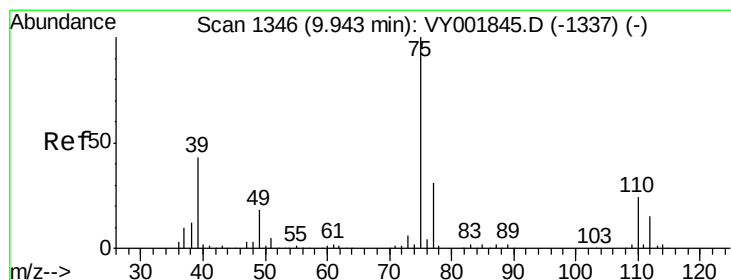
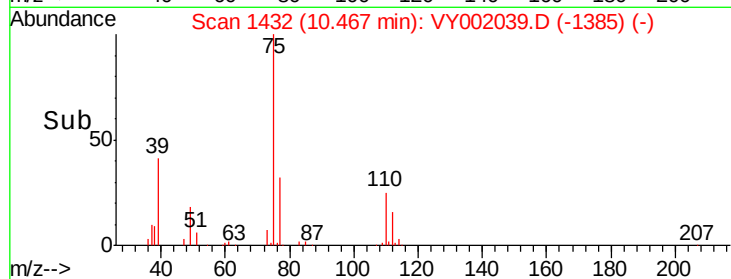
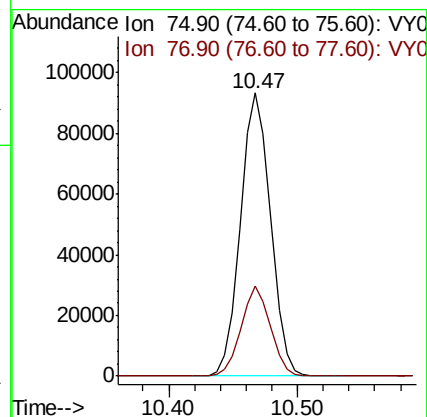
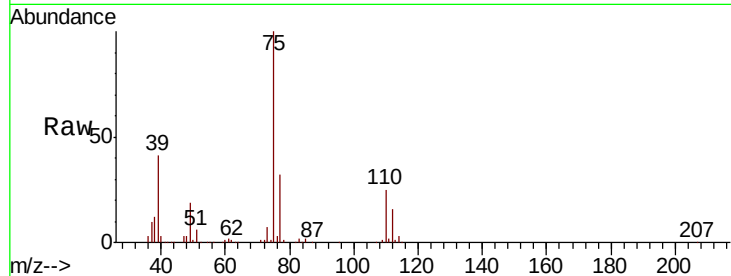
77 31.8 26.3 39.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 54.726 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

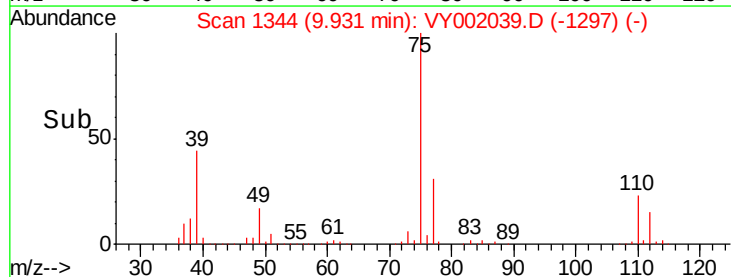
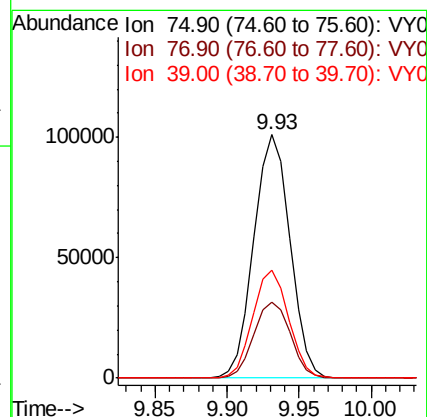
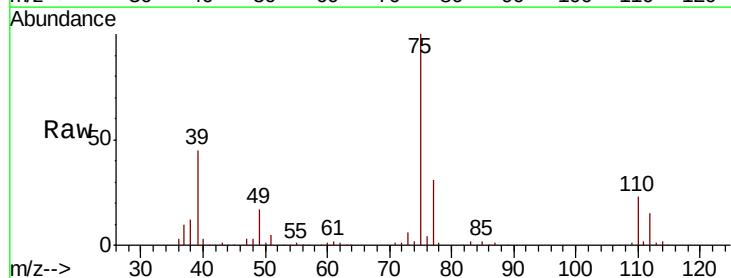
Tgt Ion: 75 Resp: 175281

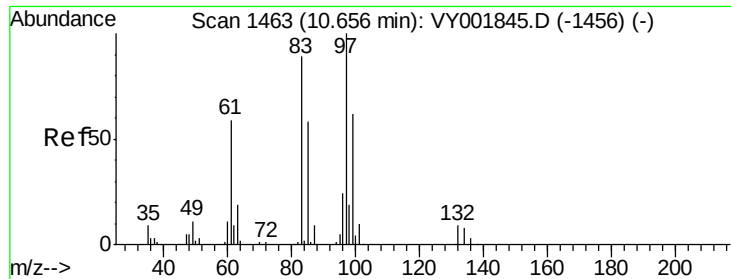
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 44.6 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 52.977 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

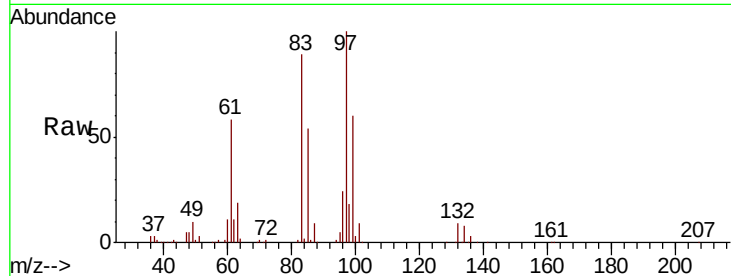
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	82307
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.6	107.4
85	54.0	46.6	69.8
99	59.5	49.8	74.6

Manual Integrations
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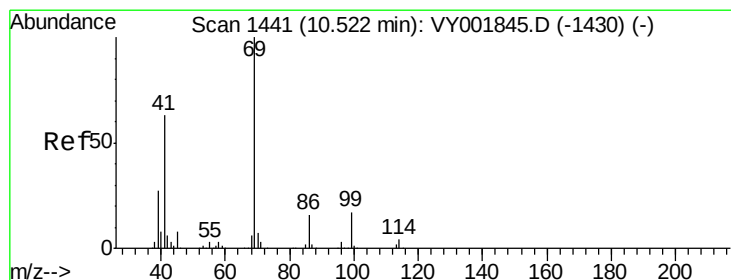
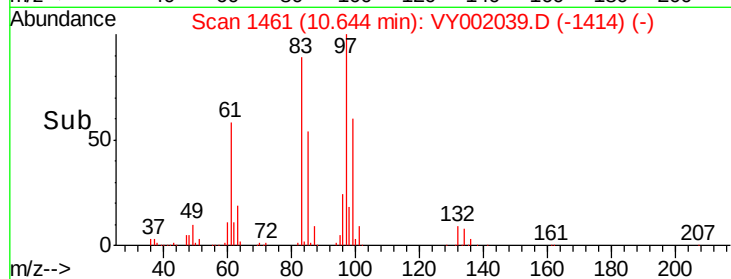
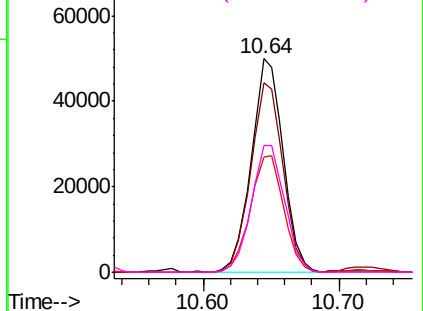


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 54.343 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VY002039.D

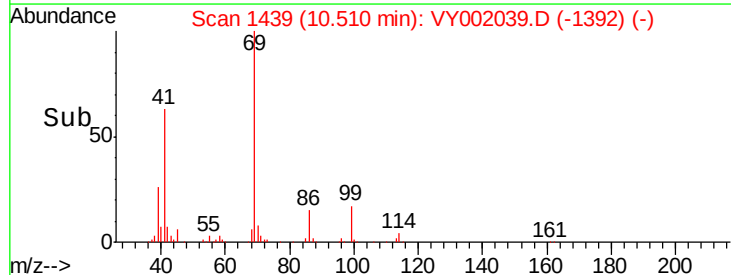
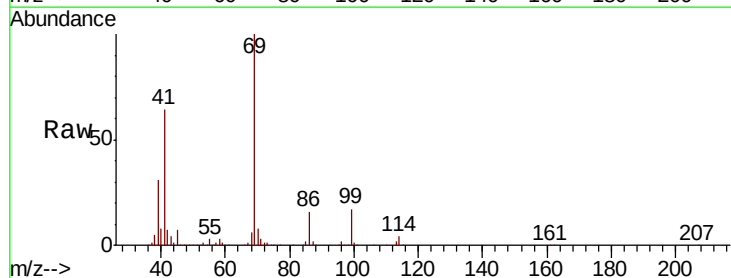
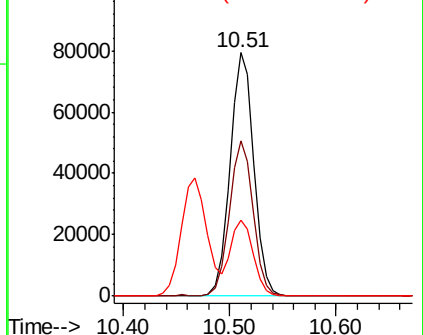
Acq: 20 Mar 2020 16:22

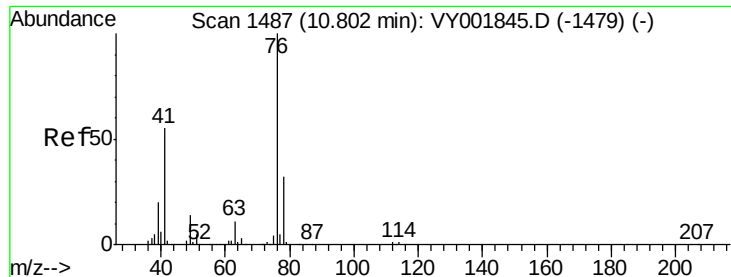
Tgt Ion:	69	Resp:	123752
Ion	Ratio	Lower	Upper
69	100		
41	62.8	49.9	74.9
39	30.1	23.0	34.6

Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





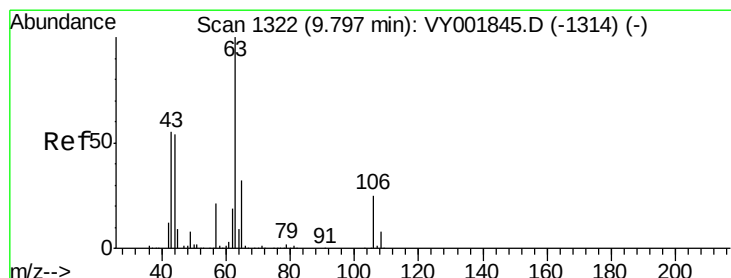
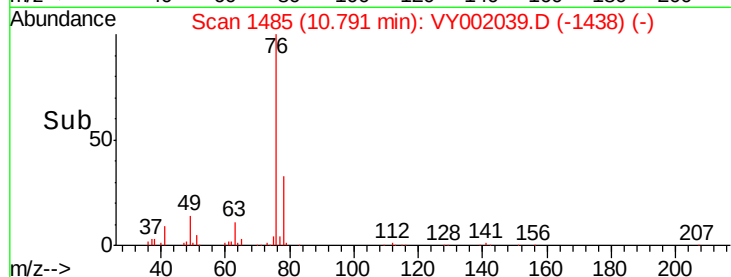
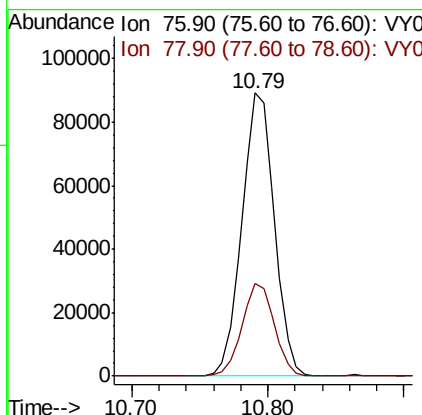
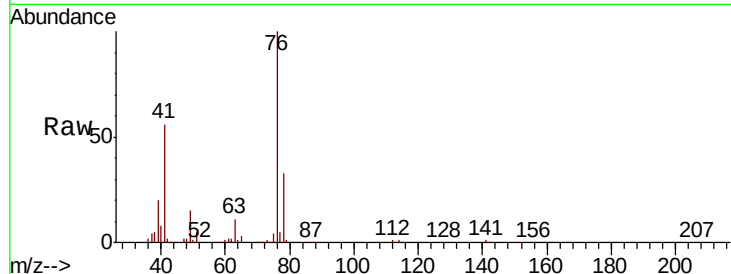
#57
 1,3-Dichloropropane
 Concen: 53.729 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

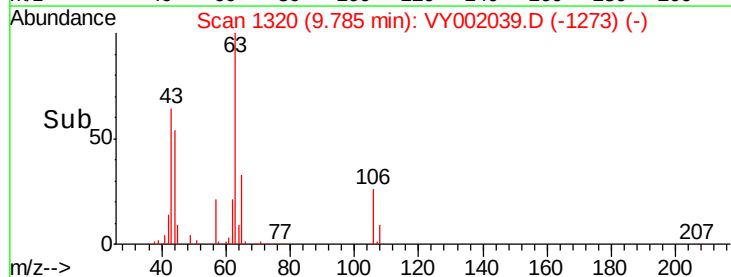
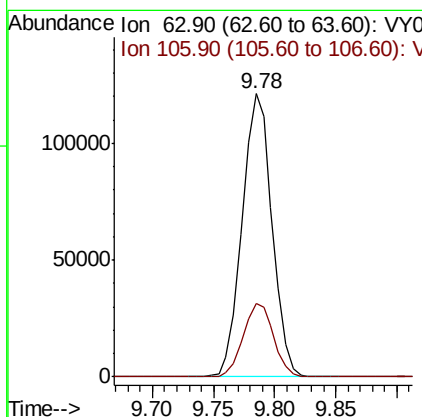
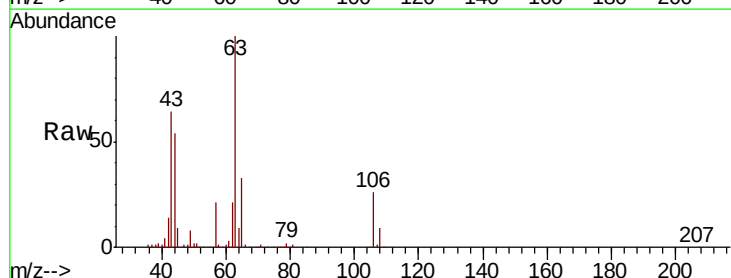
Manual Integrations
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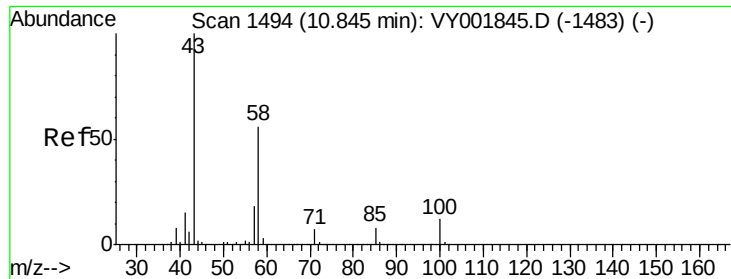
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.759 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.3	21.3	31.9





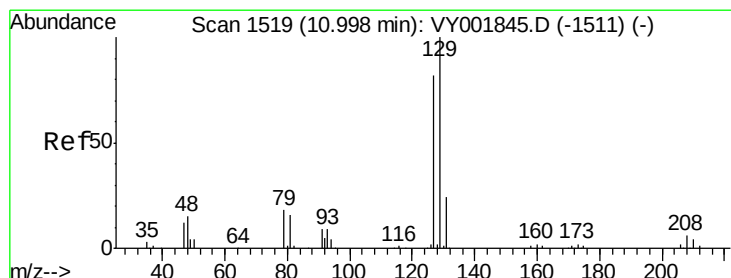
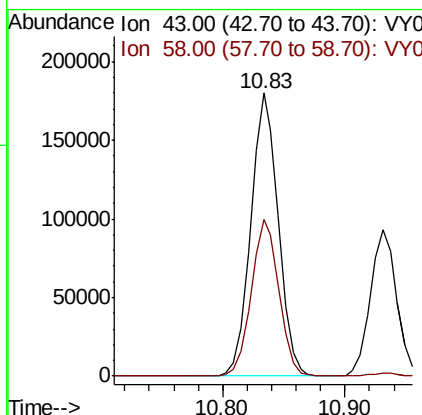
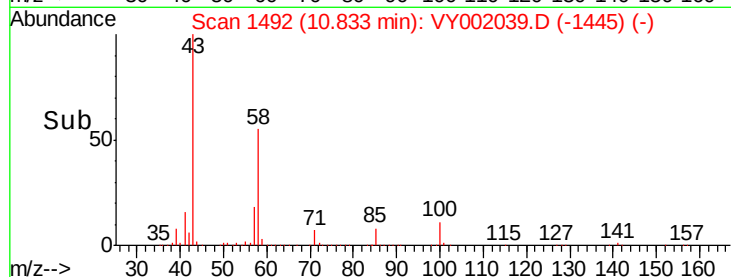
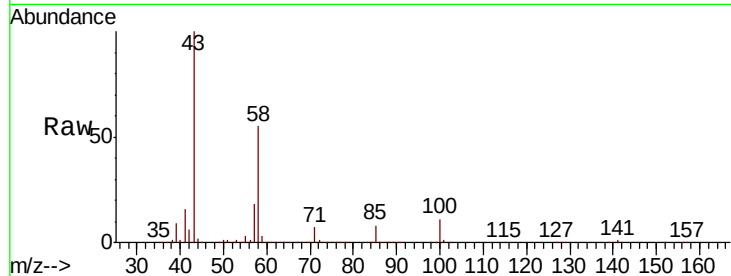
#59
2-Hexanone
Concen: 251.161 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	Lower	Upper
280914	100	55.8		28.1	84.3

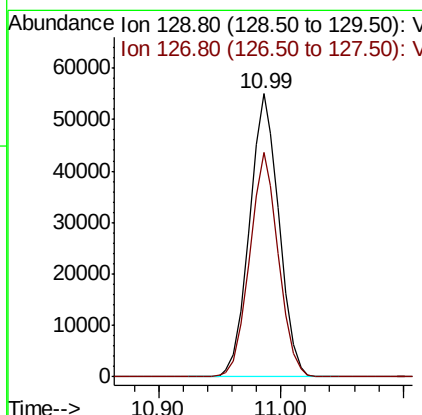
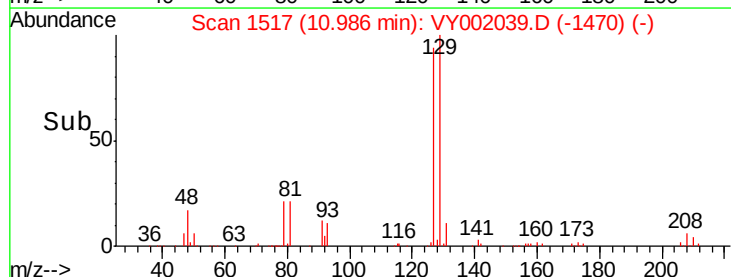
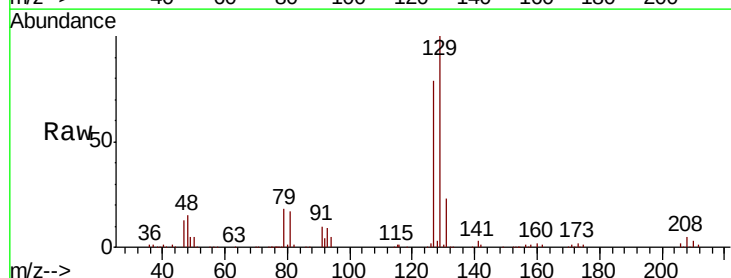
Manual Integrations
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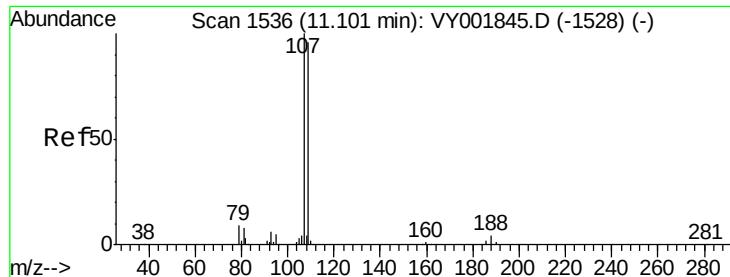
MMDadoda
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#60
Dibromochloromethane
Concen: 56.095 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	129	127	Ratio	Lower	Upper
91834	100	77.8		39.0	117.0





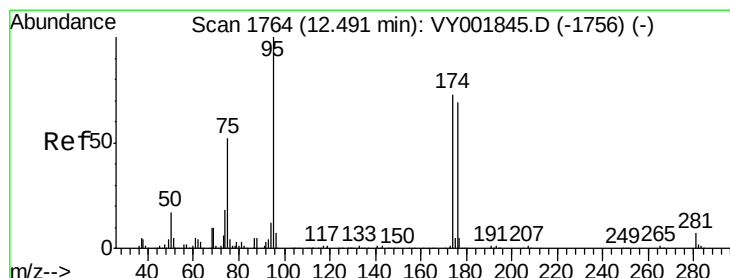
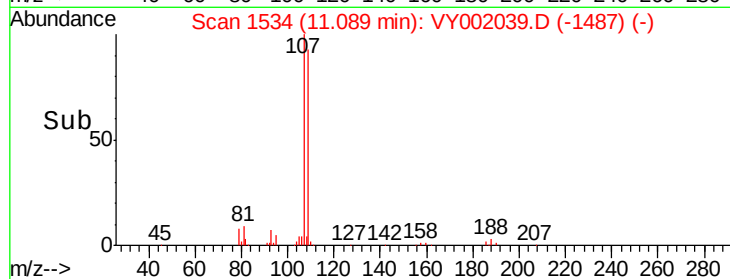
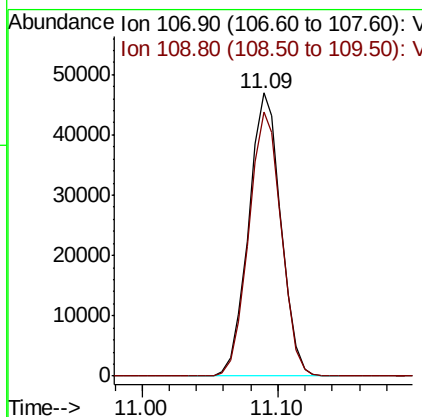
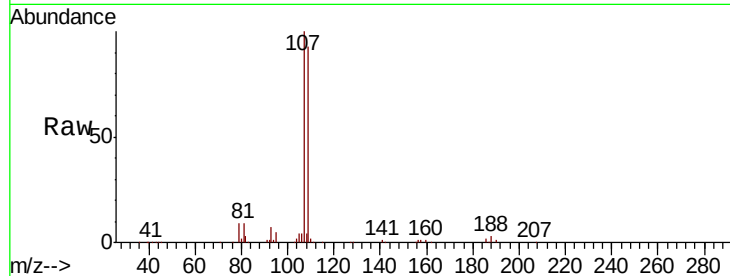
#61
 1,2-Dibromoethane
 Concen: 53.093 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.4	113.0

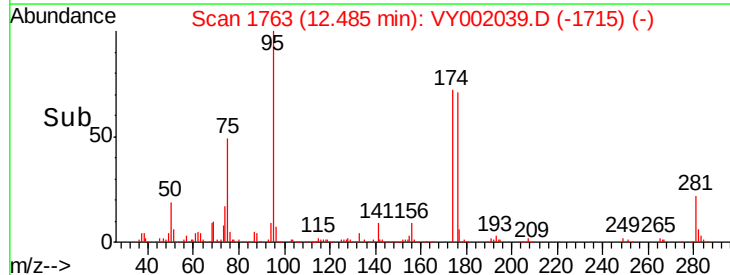
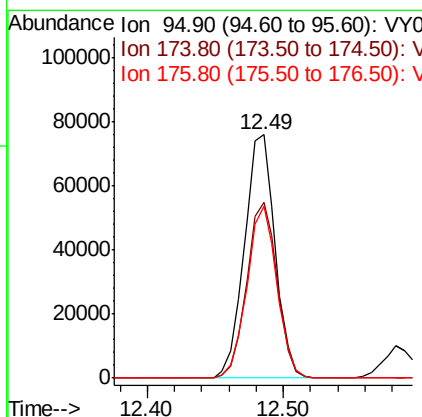
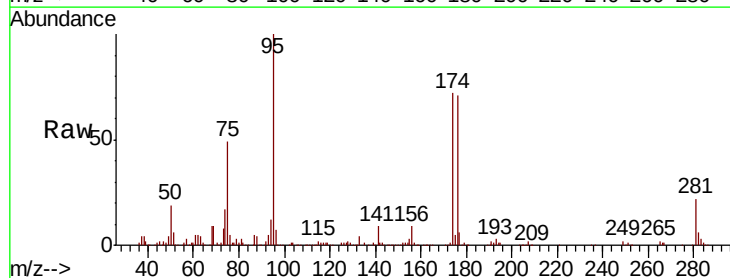
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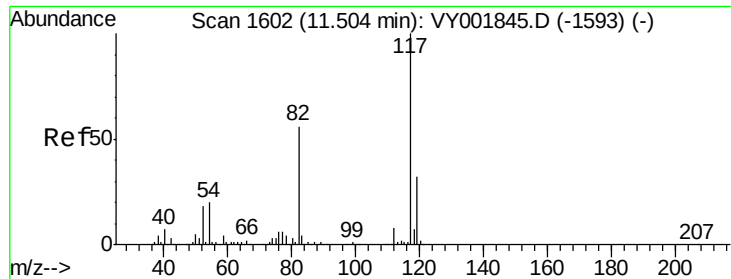
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 3/23/2020 2:21:28 PM



#62
 4-Bromofluorobenzene
 Concen: 52.075 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	145.0
176	69.1	0.0	137.4





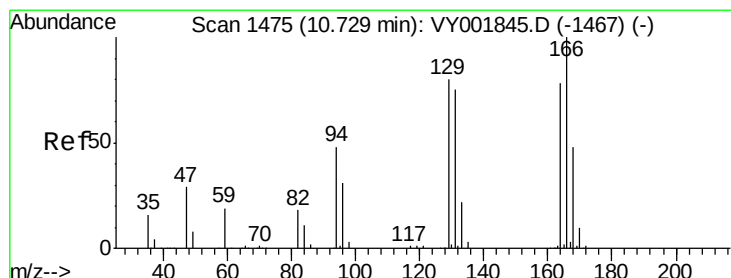
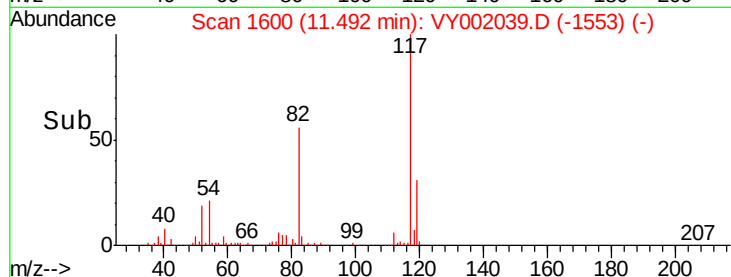
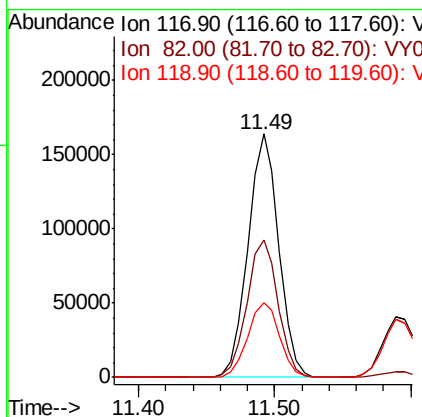
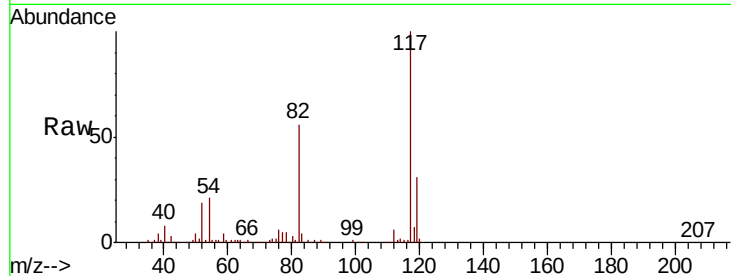
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.5	66.7
119	30.7	25.7	38.5

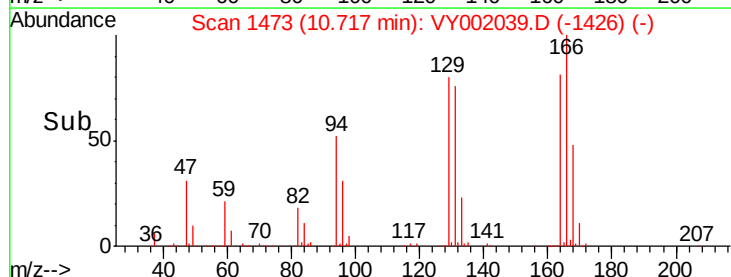
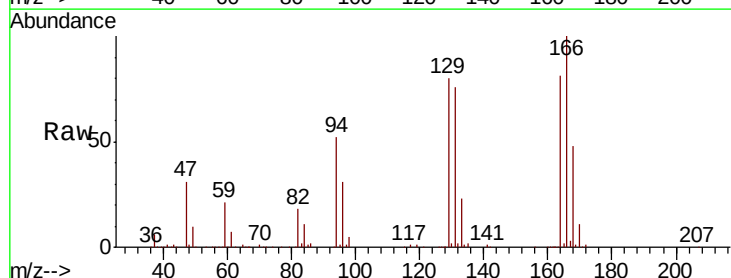
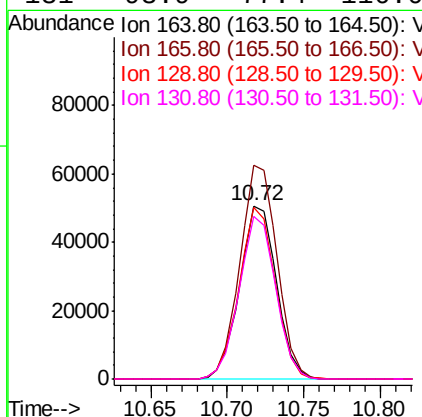
Manual Integrations
APPROVED

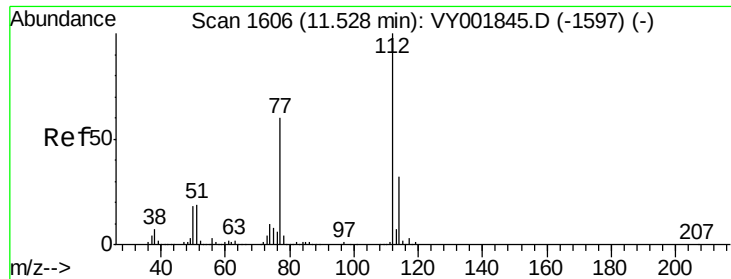
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#64
Tetrachloroethene
Concen: 52.115 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	102.6	154.0
129	98.6	82.3	123.5
131	93.9	77.4	116.0





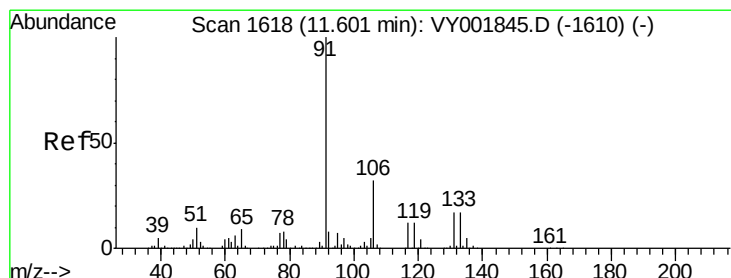
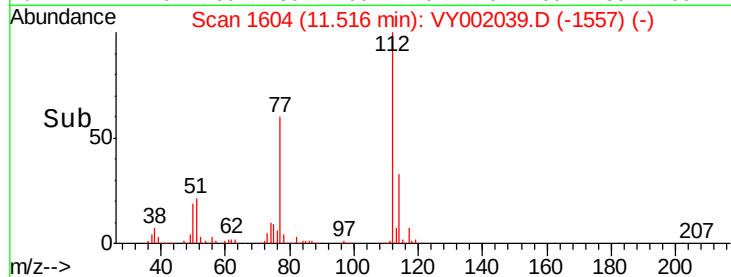
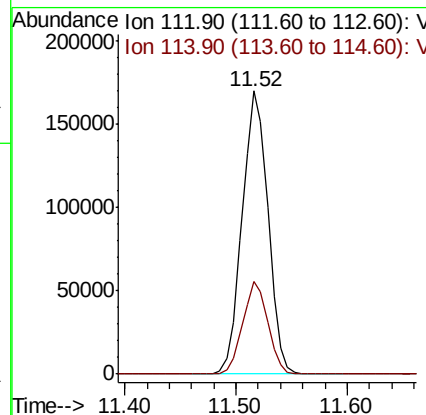
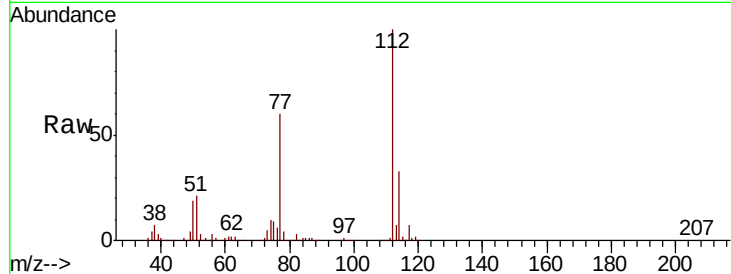
#65
Chlorobenzene
Concen: 52.673 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.9	38.9

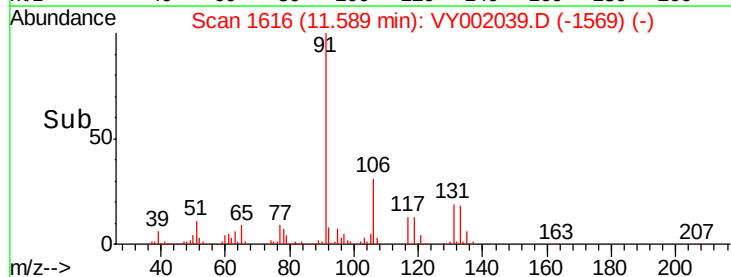
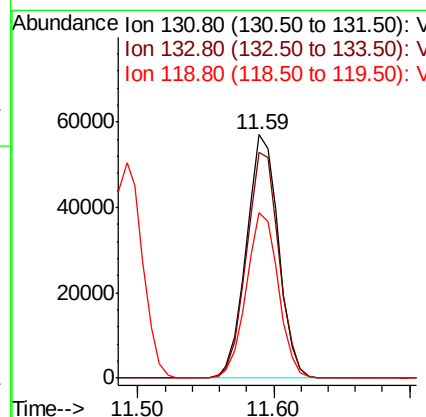
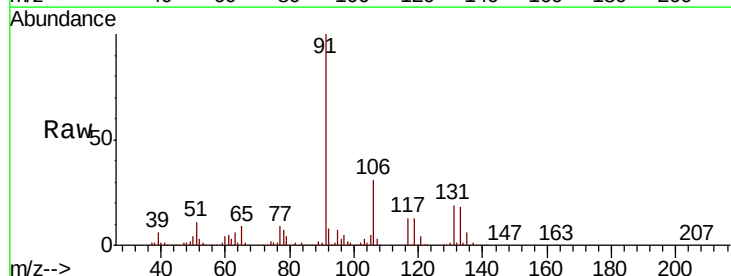
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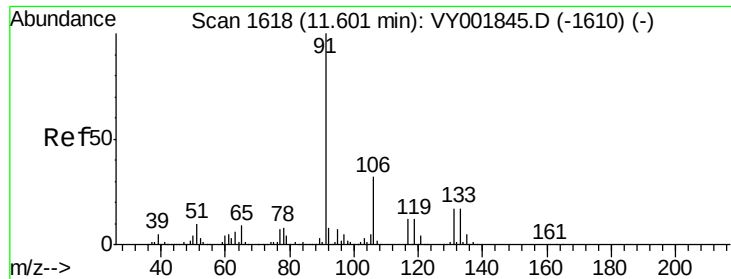
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.661 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.1	141.3
119	67.8	34.5	103.6





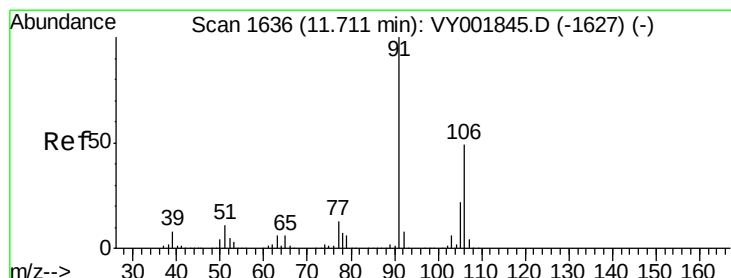
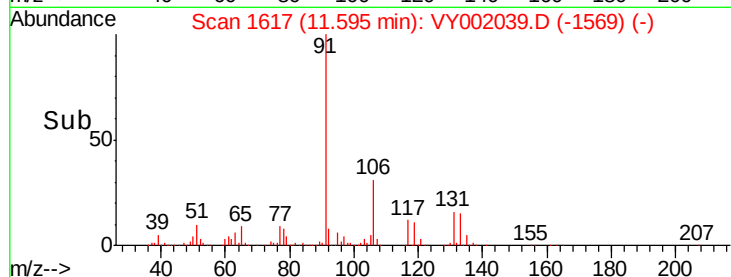
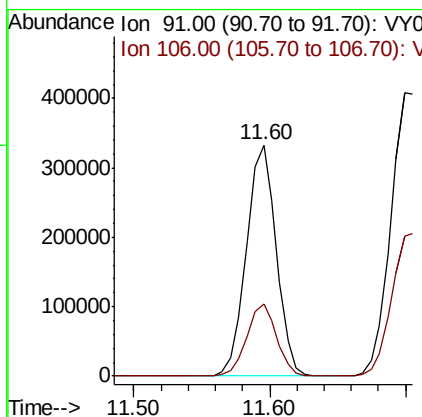
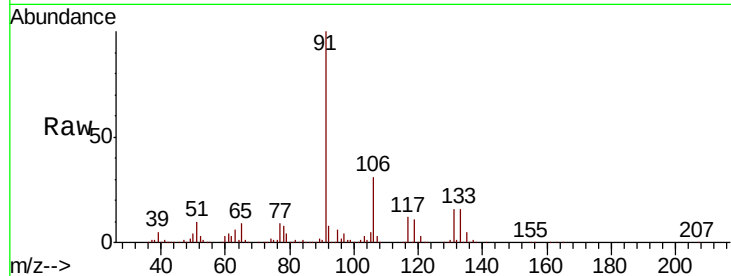
#67
Ethyl Benzene
Concen: 53.162 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 511722
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2

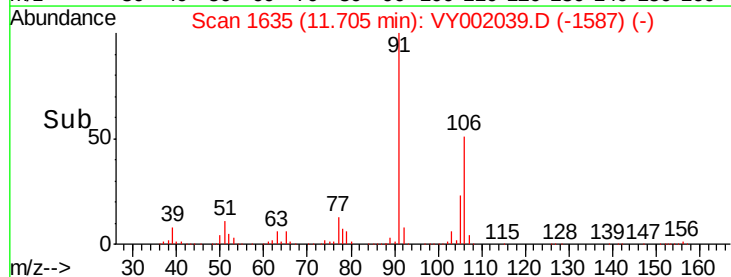
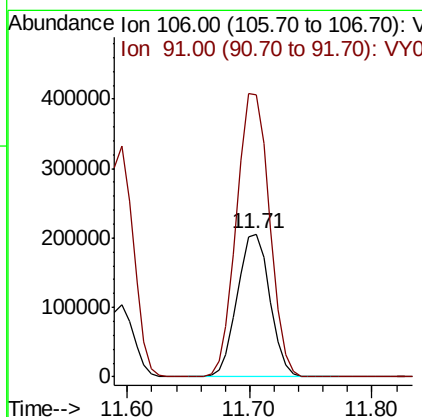
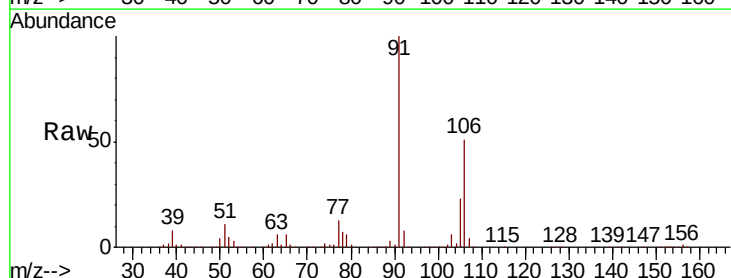
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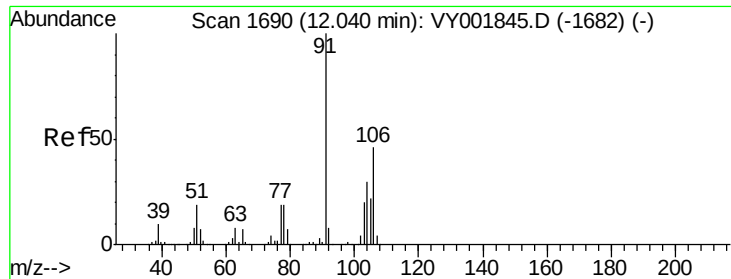
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#68
m/p-Xylenes
Concen: 106.718 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion: 106 Resp: 379778
Ion Ratio Lower Upper
106 100
91 201.3 161.3 241.9





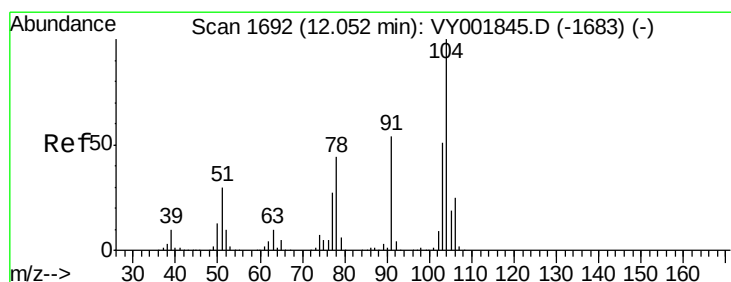
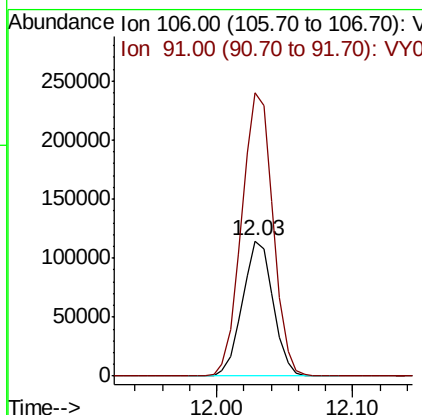
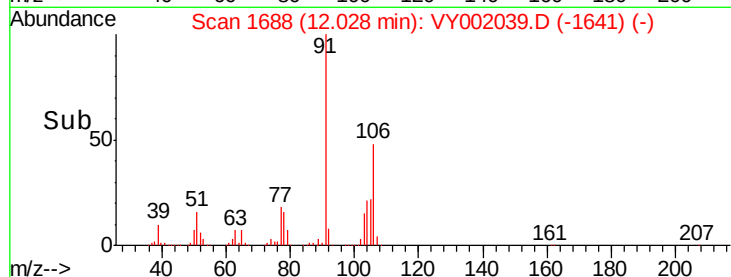
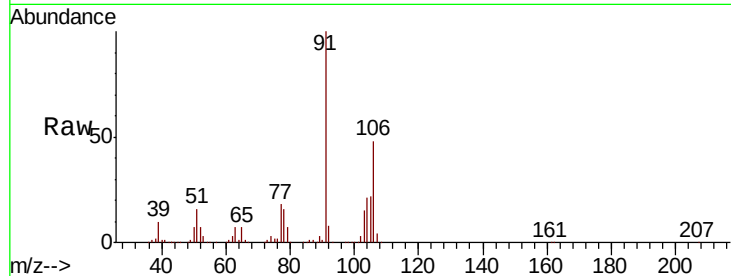
#69
o-Xylene
Concen: 53.741 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 180259
Ion Ratio Lower Upper
106 100
91 214.5 106.8 320.4

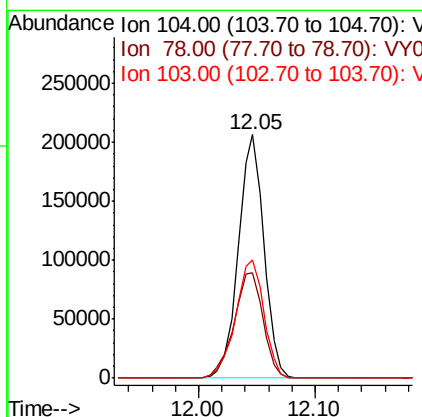
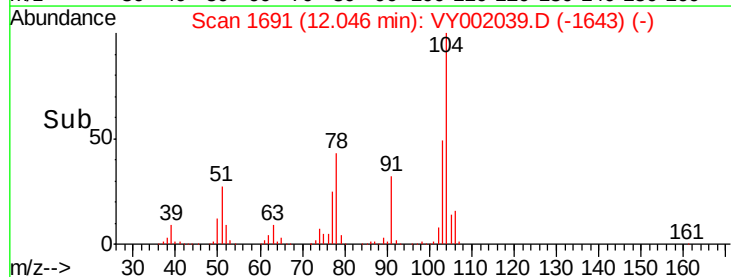
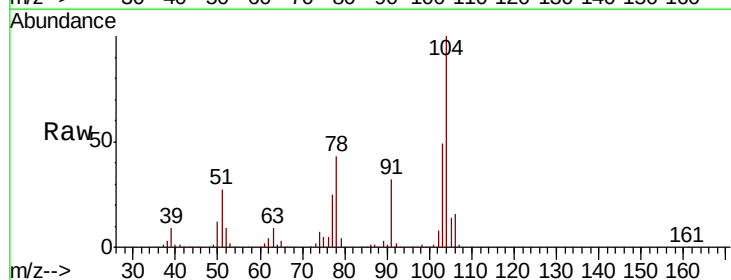
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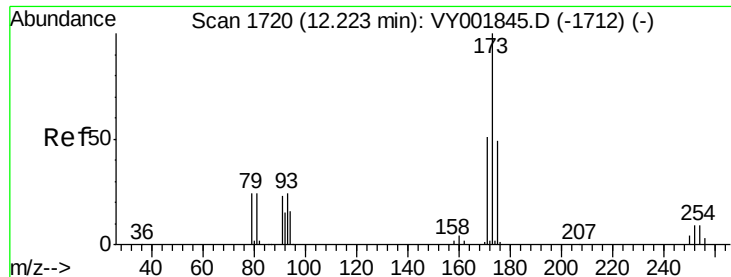
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#70
Styrene
Concen: 55.048 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion:104 Resp: 316238
Ion Ratio Lower Upper
104 100
78 49.4 38.5 57.7
103 53.8 42.9 64.3





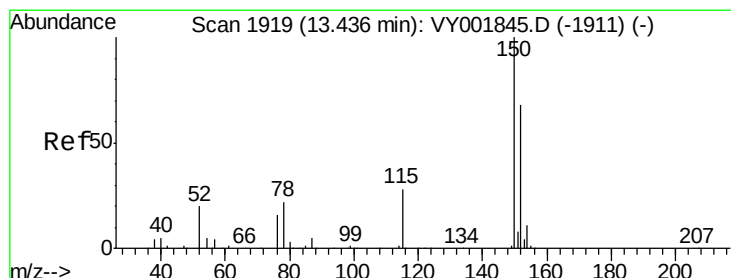
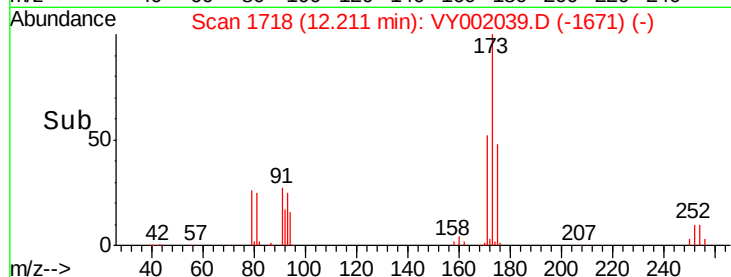
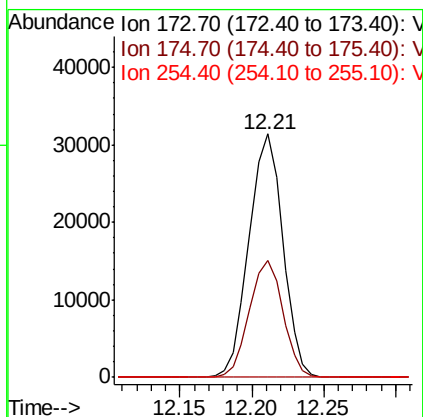
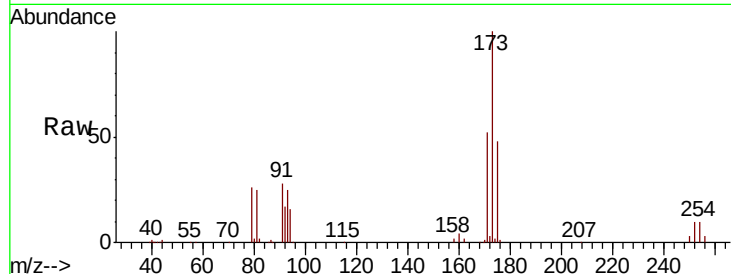
#71
Bromoform
Concen: 55.559 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.3	72.8
254	0.0	0.0	0.0

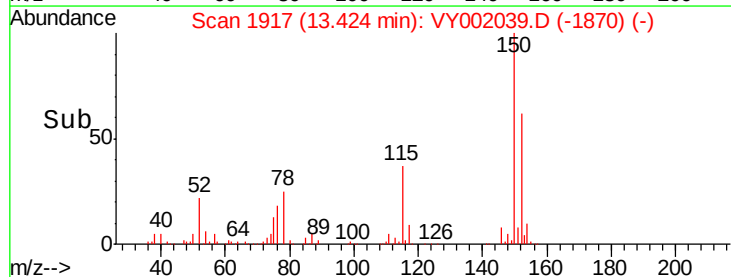
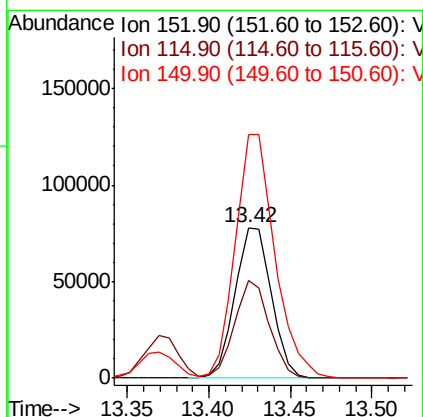
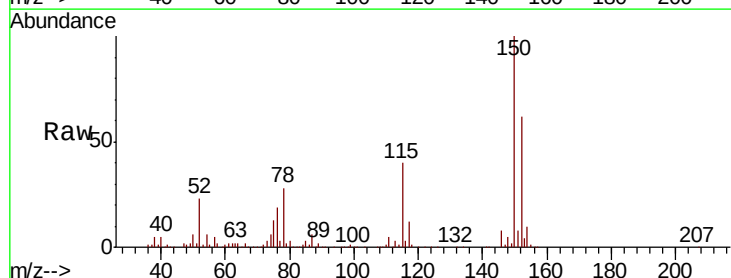
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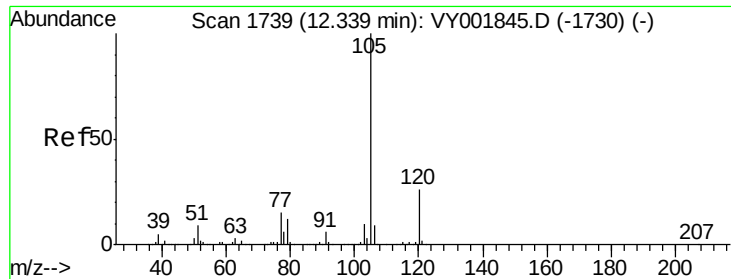
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	29.9	89.7
150	175.6	0.0	340.6





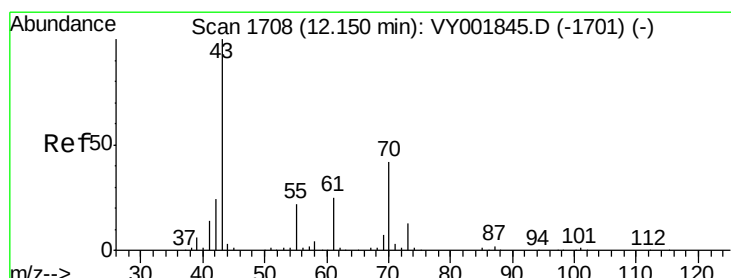
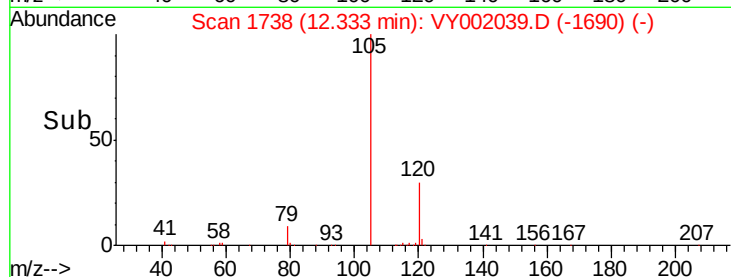
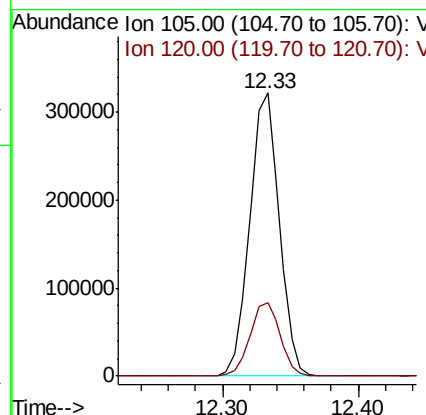
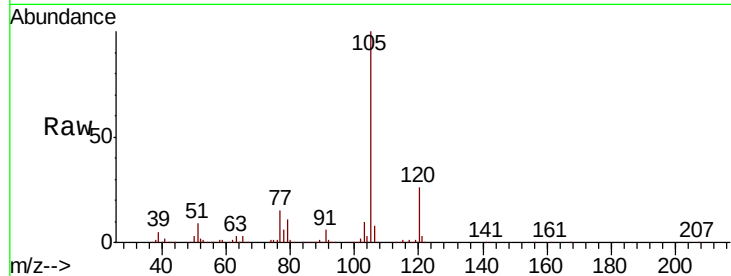
#73
Isopropylbenzene
Concen: 52.742 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

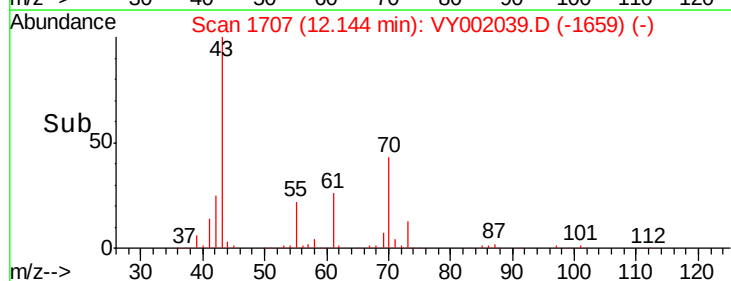
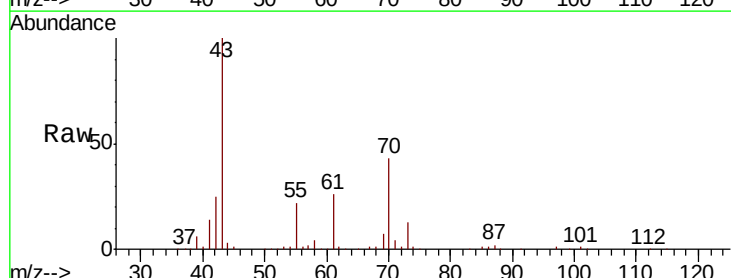
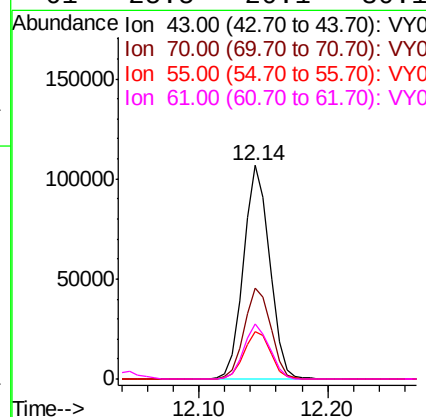
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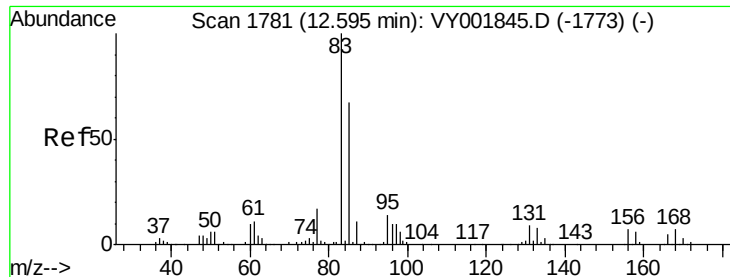
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#74
N-ethyl acetate
Concen: 52.401 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.3	34.7	52.1
55	22.6	18.2	27.4
61	25.5	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.906 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

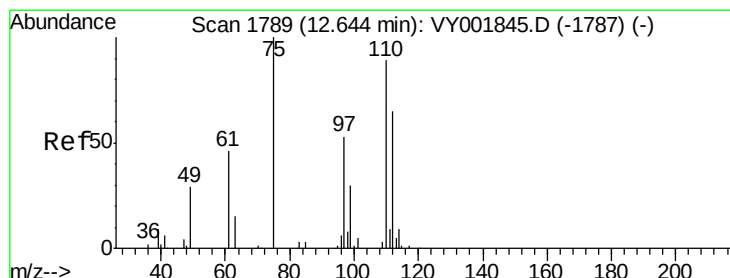
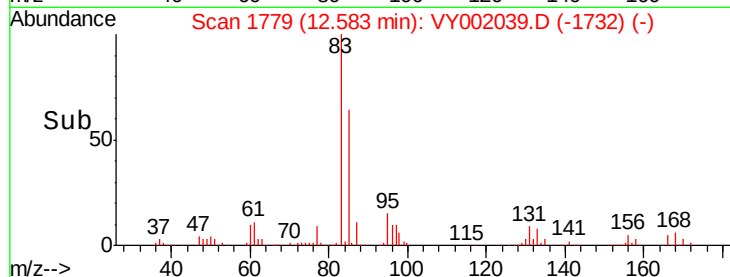
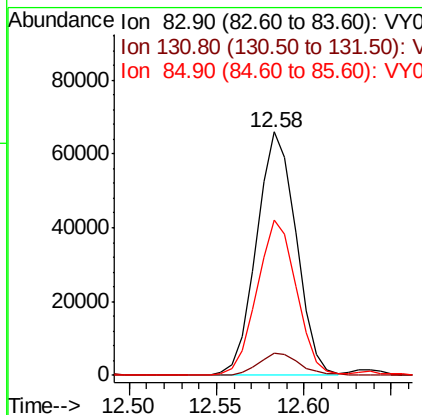
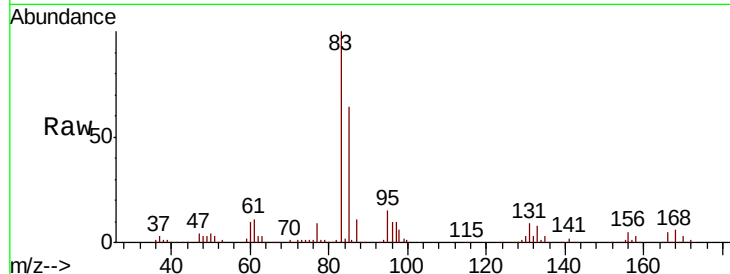
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	103729
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.6	13.8
85	63.5	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.008 ug/l m

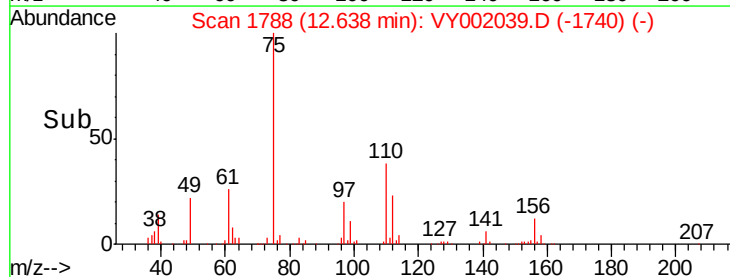
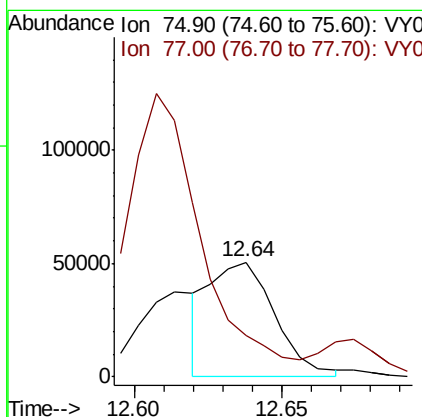
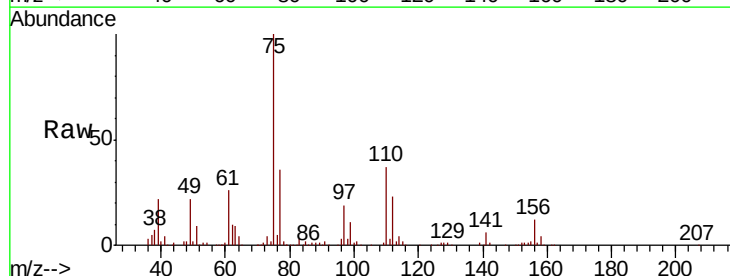
RT: 12.64 min Scan# 1788

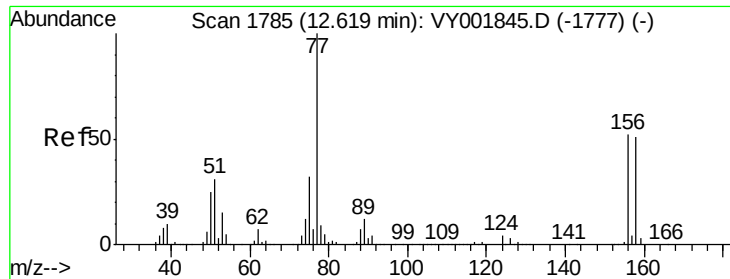
Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Tgt Ion:	75	Resp:	77794
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.410 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

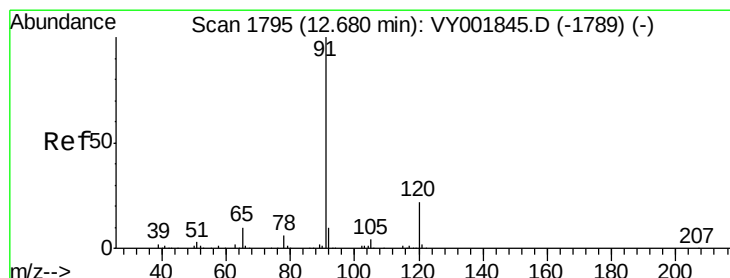
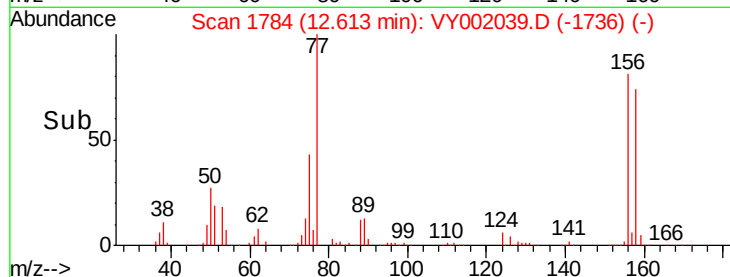
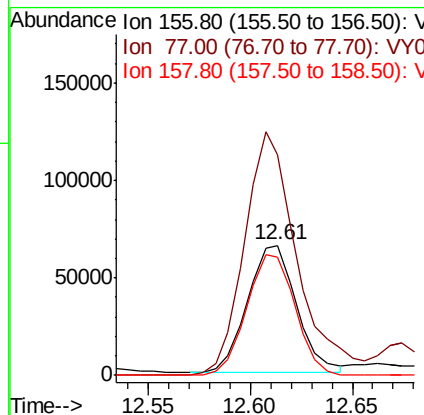
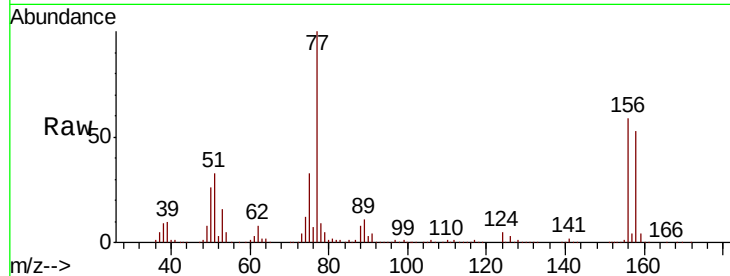
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	108791
Ion Ratio	Lower	Upper	
156	100		
77	205.3	109.0	327.0
158	93.7	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.789 ug/l

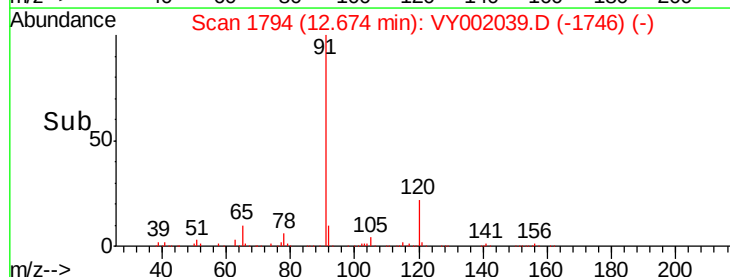
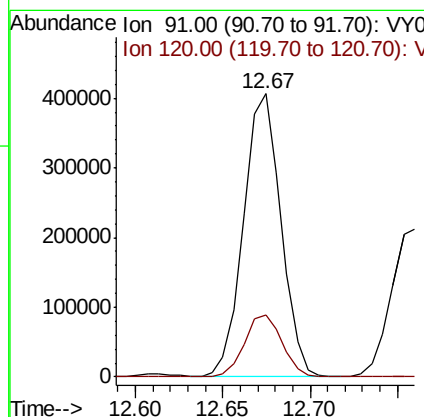
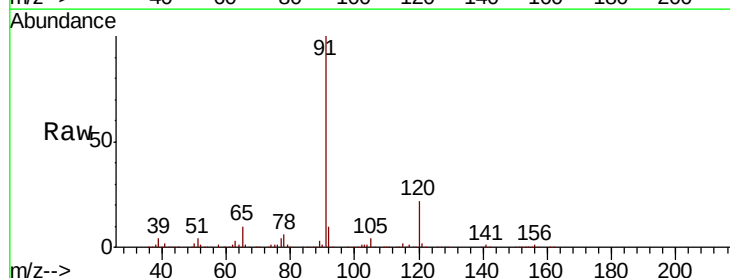
RT: 12.67 min Scan# 1794

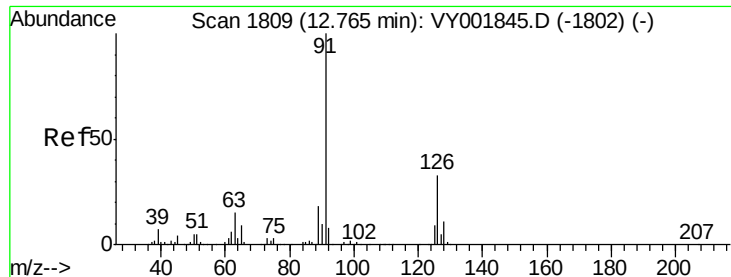
Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Tgt Ion:	91	Resp:	603515
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.0	33.0





#79

2-Chlorotoluene

Concen: 53.130 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 335588

Ion Ratio Lower Upper

91 100

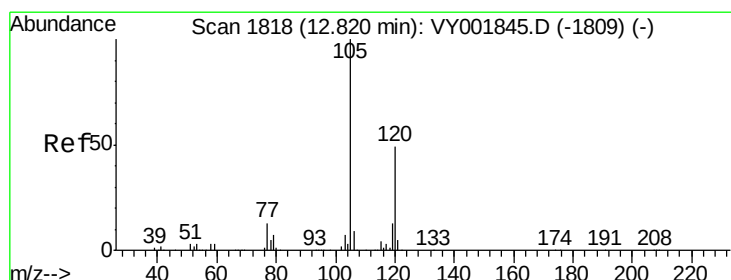
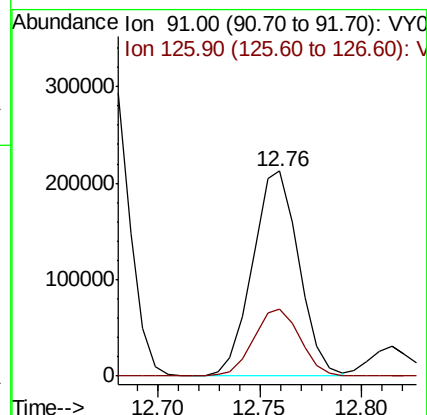
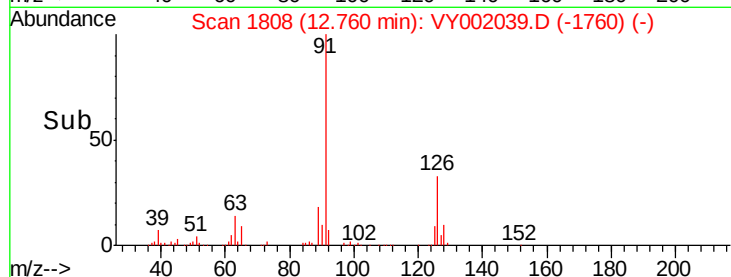
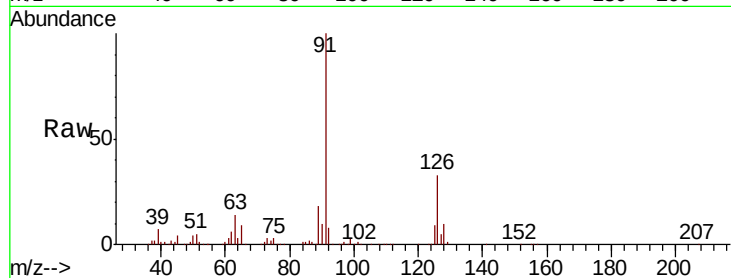
126 33.0 16.3 48.8

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#80

1,3,5-Trimethylbenzene

Concen: 53.370 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002039.D

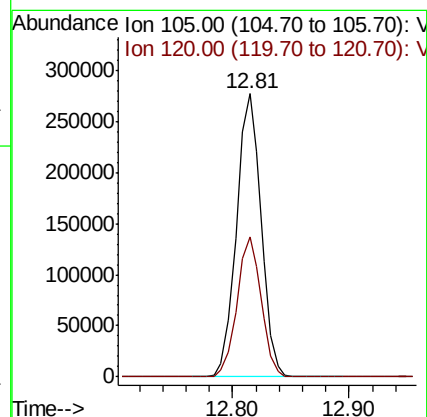
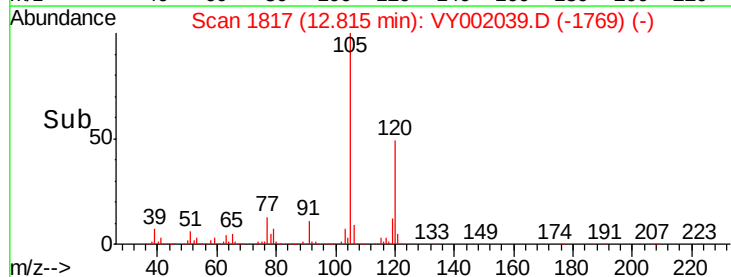
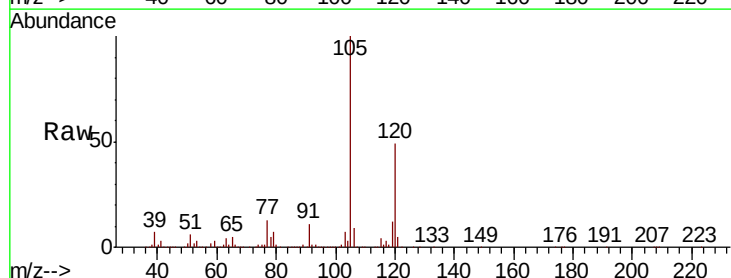
Acq: 20 Mar 2020 16:22

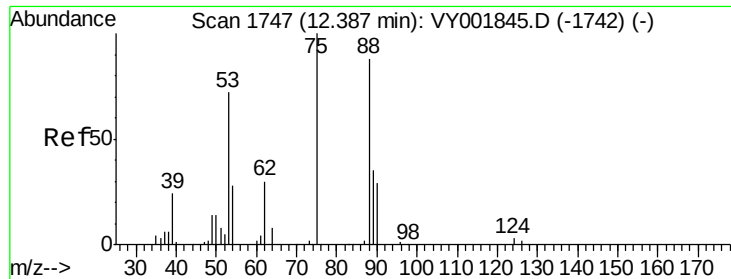
Tgt Ion: 105 Resp: 407154

Ion Ratio Lower Upper

105 100

120 48.5 24.4 73.2





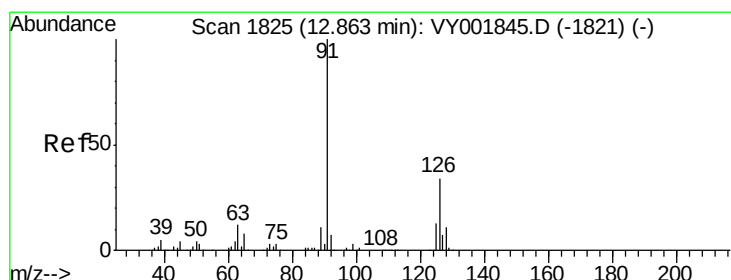
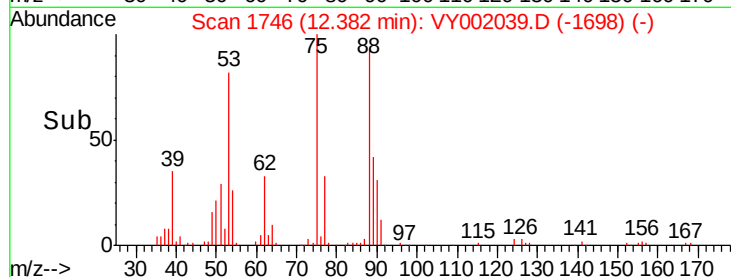
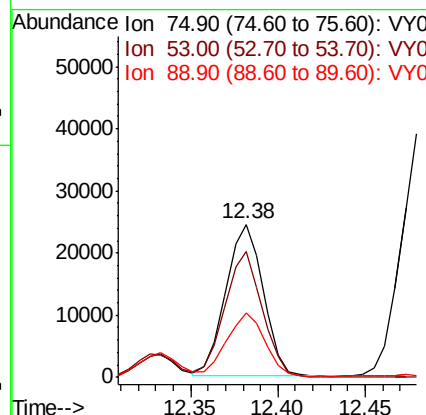
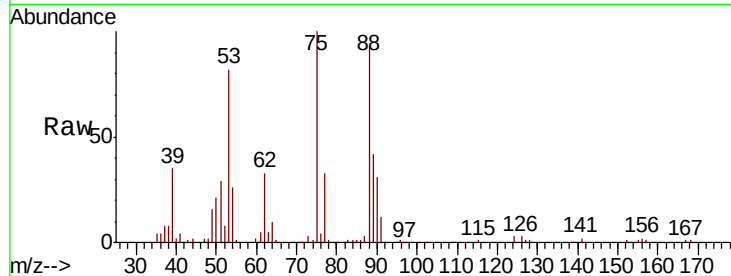
#81
trans-1,4-Dichloro-2-butene
Concen: 50.467 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.8	65.4	98.0
89	43.4	36.0	54.0

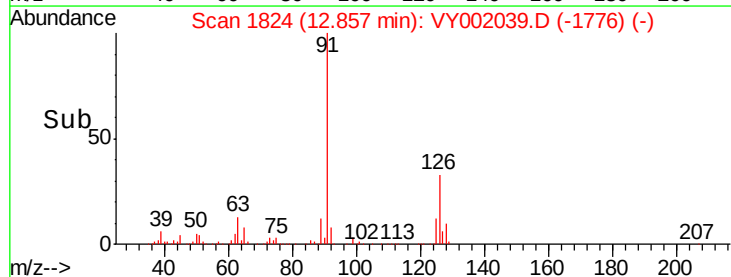
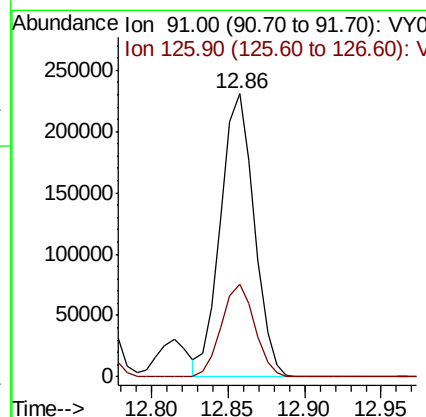
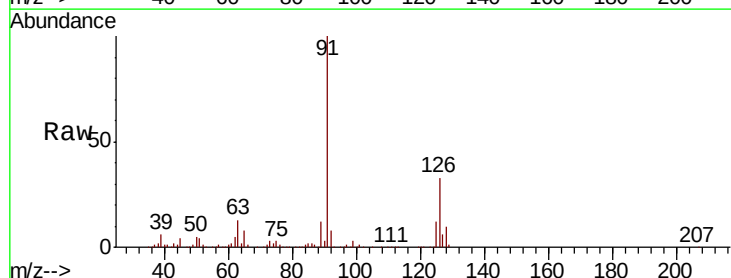
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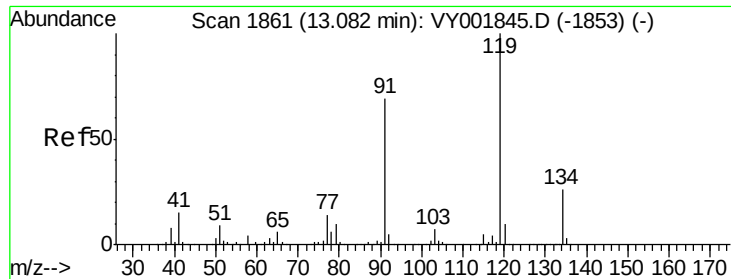
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#82
4-Chlorotoluene
Concen: 53.570 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.2





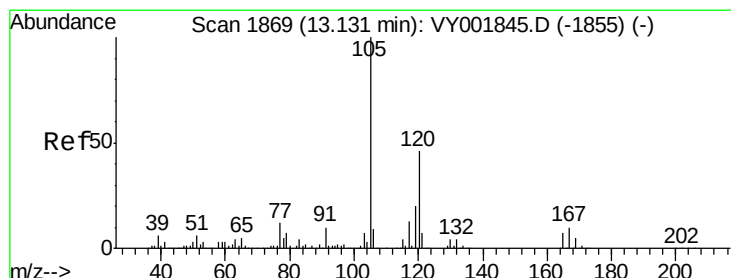
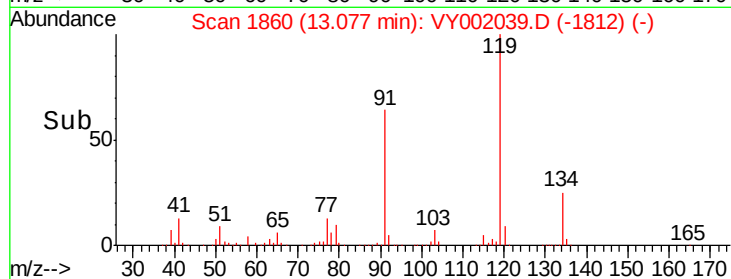
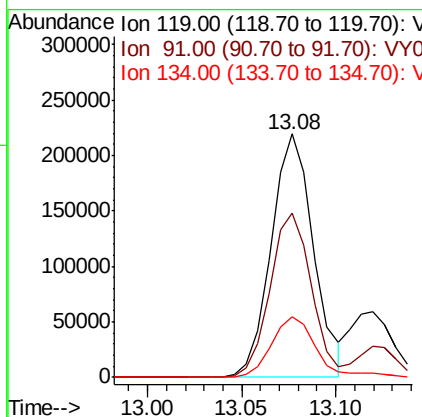
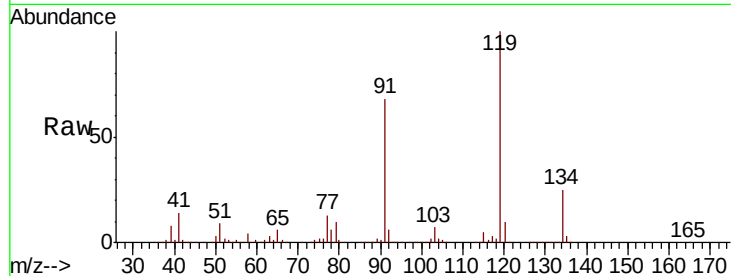
#83
 tert-Butylbenzene
 Concen: 53.815 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	340992		
91	66.0	34.0	101.8	
134	26.6	13.5	40.4	

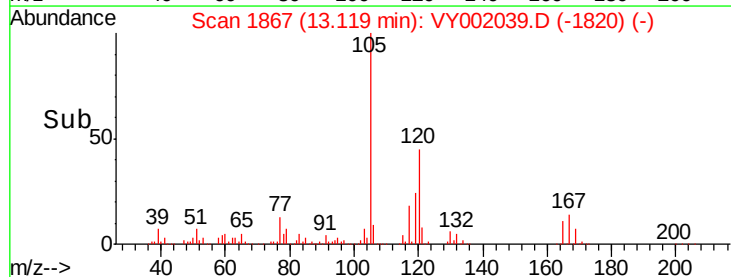
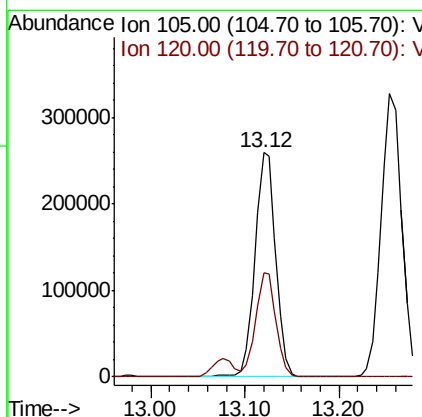
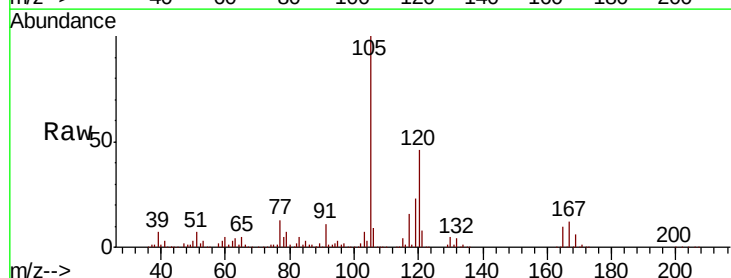
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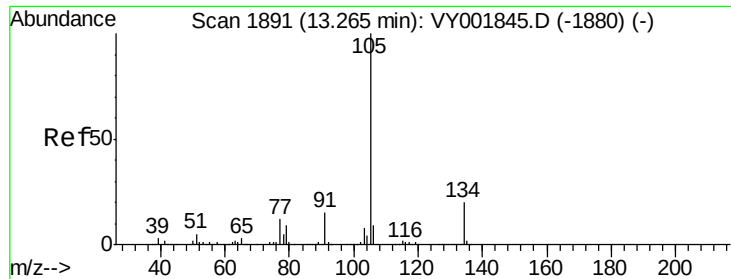
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.252 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	403175		
120	45.3	22.6	67.7	





#85

sec-Butylbenzene

Concen: 53.537 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 500024

Ion Ratio Lower Upper

105 100

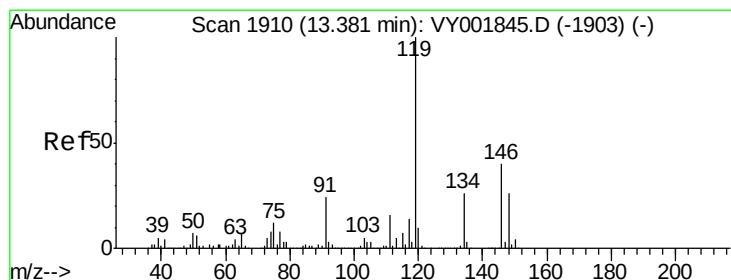
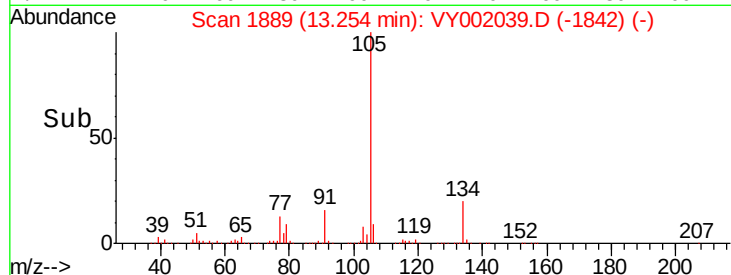
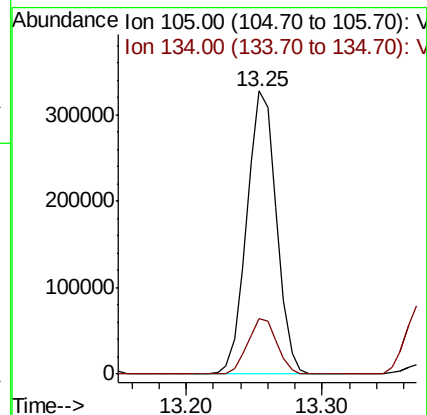
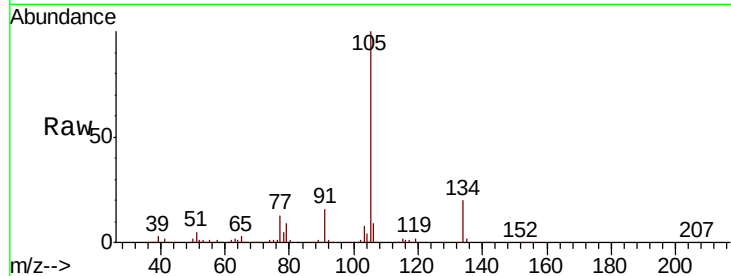
134 19.5 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.763 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

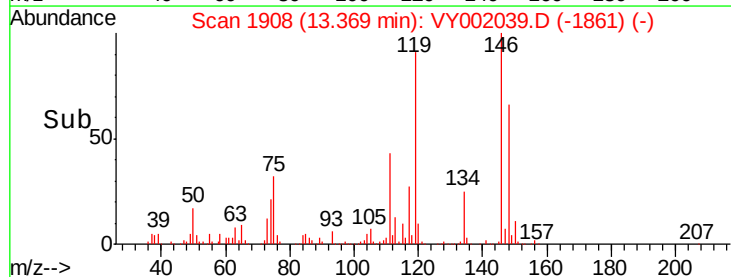
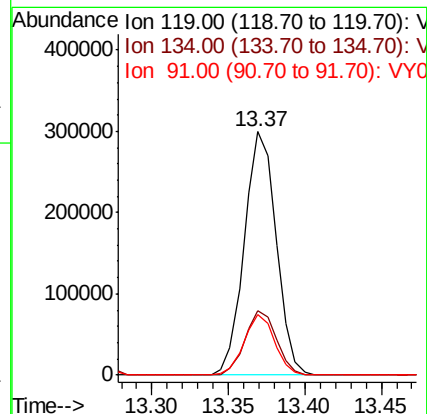
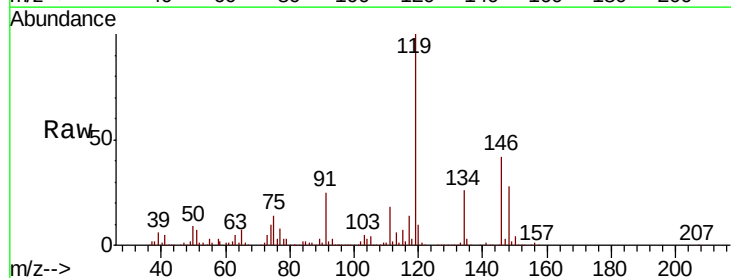
Tgt Ion:119 Resp: 433153

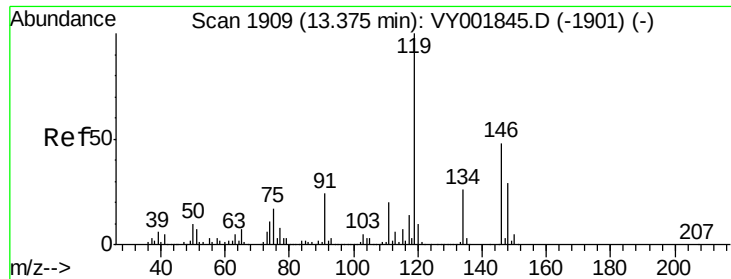
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.9 11.9 35.7





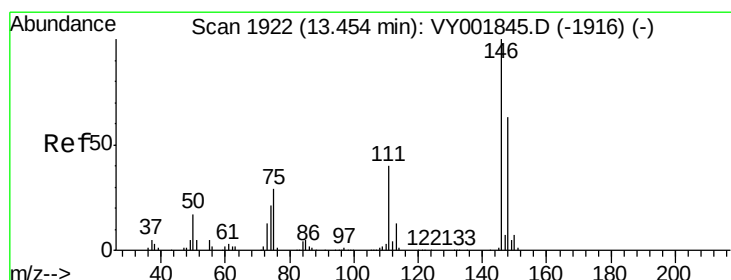
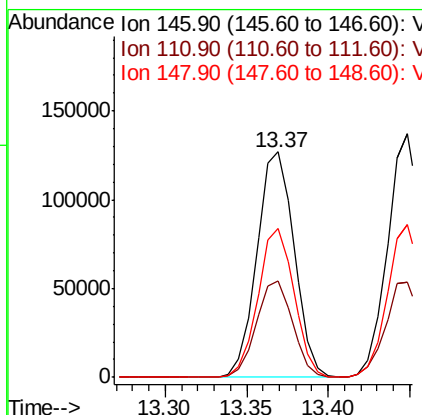
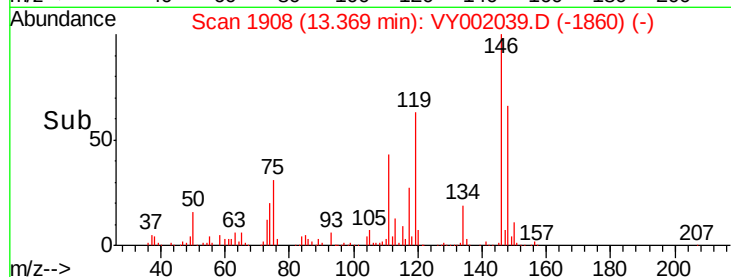
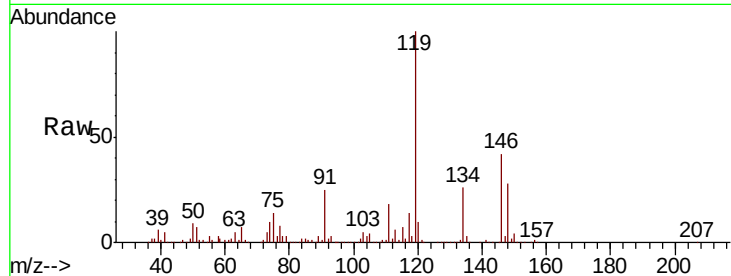
#87
 1,3-Dichlorobenzene
 Concen: 52.581 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	64.0	31.4	94.0

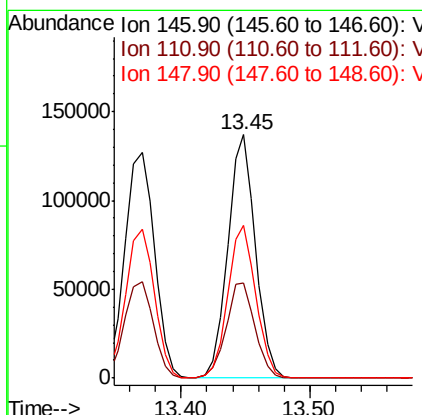
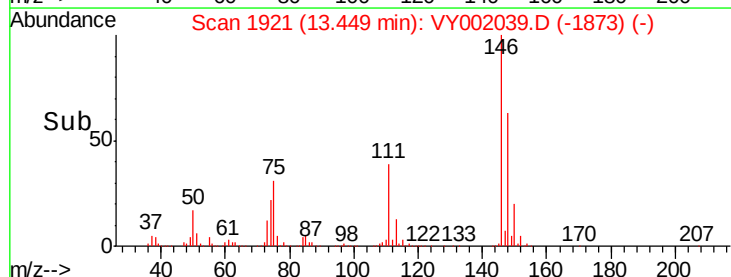
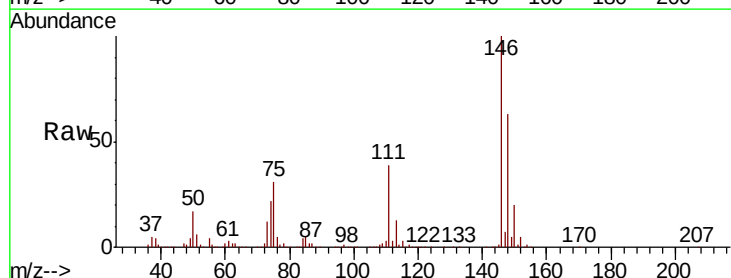
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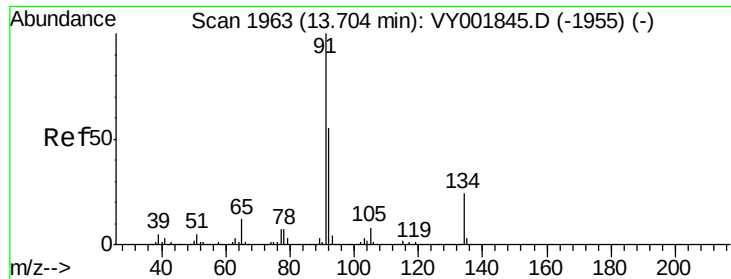
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#88
 1,4-Dichlorobenzene
 Concen: 52.655 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	63.5	31.5	94.5





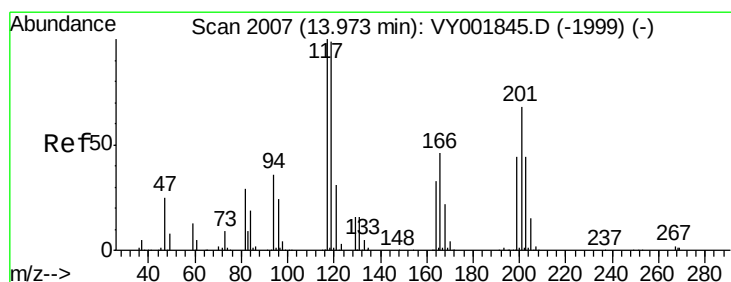
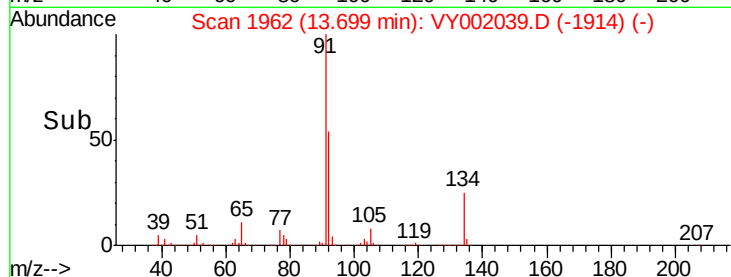
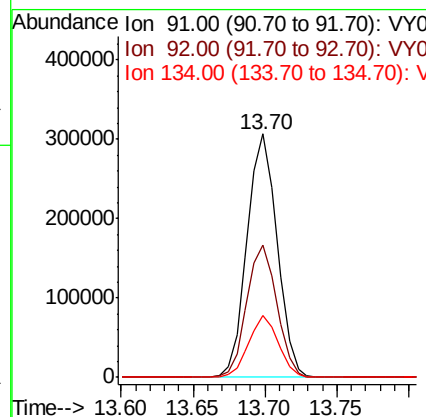
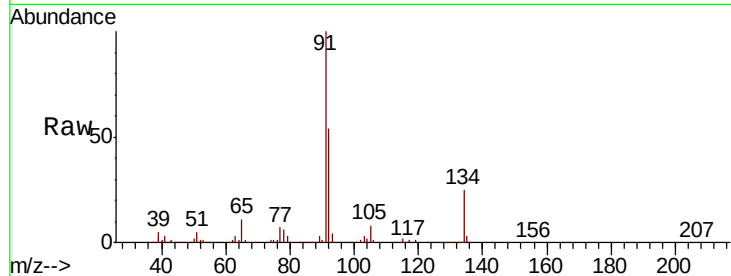
#89
n-Butylbenzene
Concen: 53.131 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.4
134	24.7	12.5	37.5

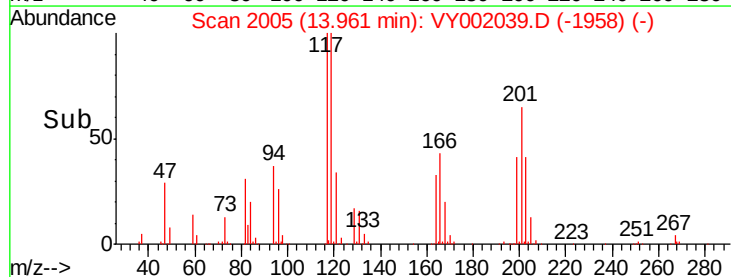
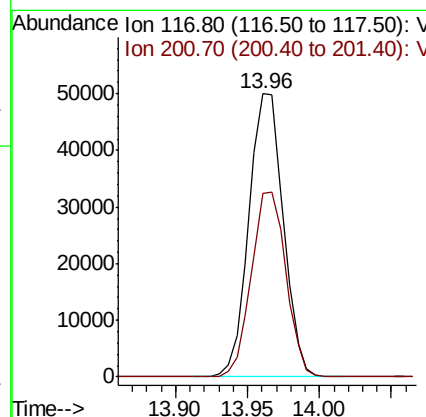
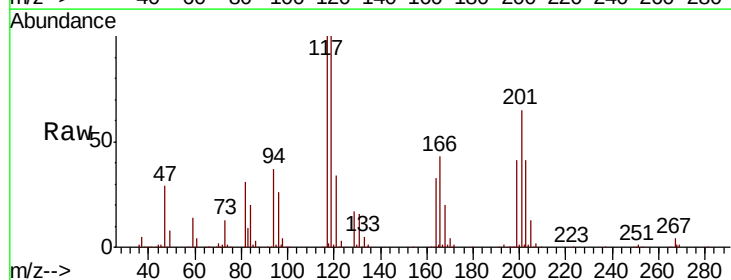
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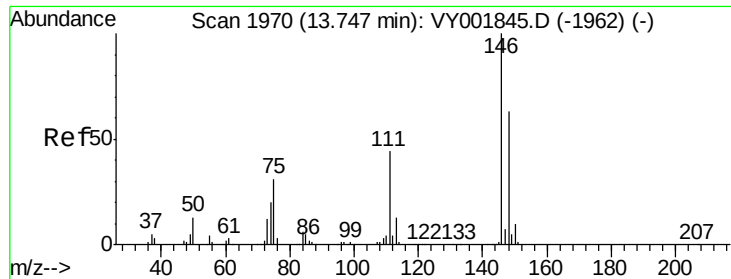
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#90
Hexachloroethane
Concen: 54.208 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.9	32.5	97.5





#91

1,2-Dichlorobenzene

Concen: 53.085 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

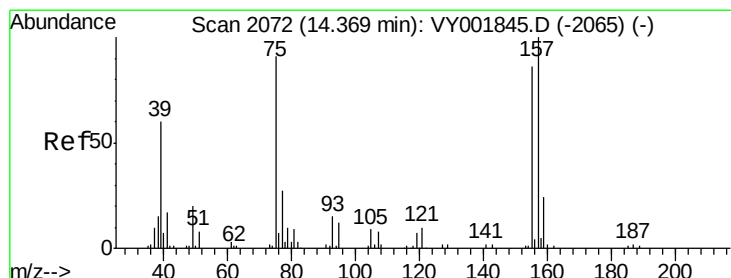
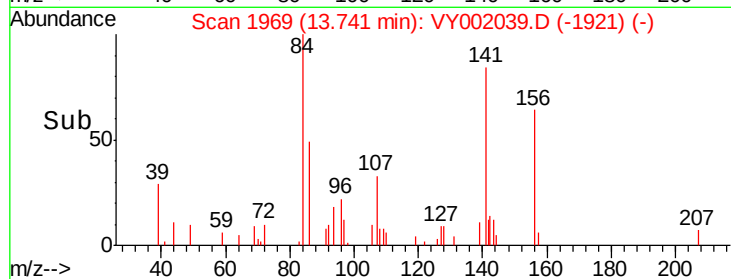
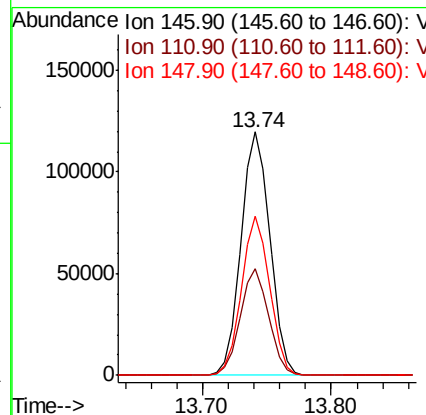
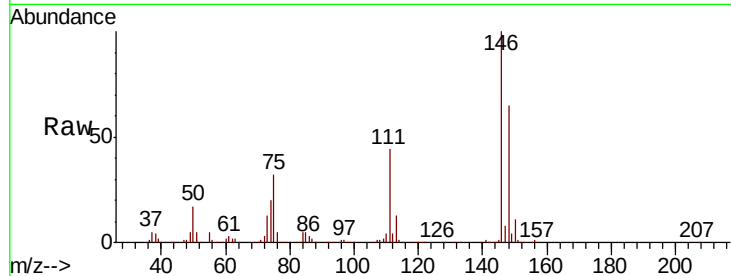
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	185549
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.5	64.5
148	63.6	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.568 ug/l

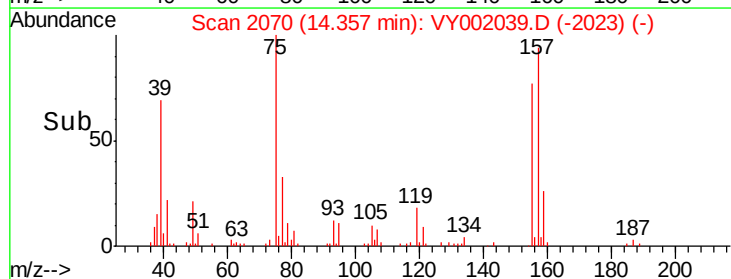
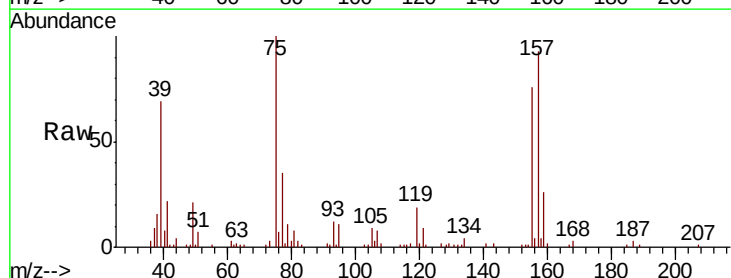
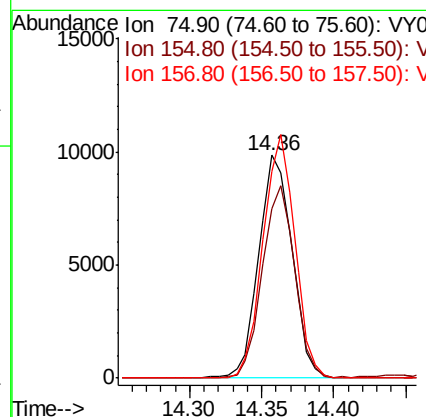
RT: 14.36 min Scan# 2070

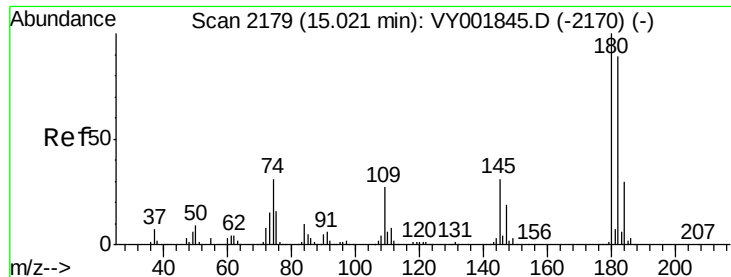
Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Tgt Ion:	75	Resp:	15769
Ion Ratio	Lower	Upper	
75	100		
155	83.4	42.9	128.7
157	103.9	53.1	159.4





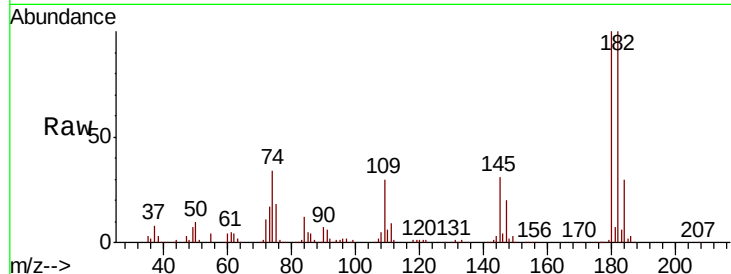
#93
1,2,4-Trichlorobenzene
Concen: 52.240 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	46.1	138.3	
145	31.9	15.6	46.8	

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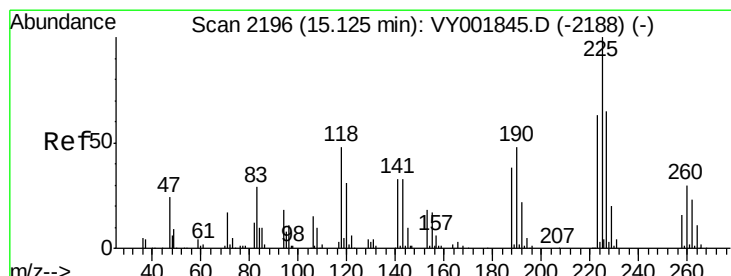
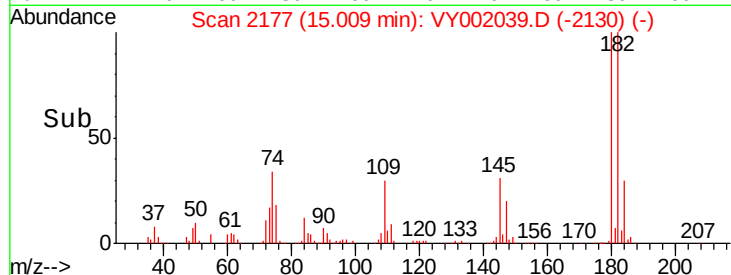
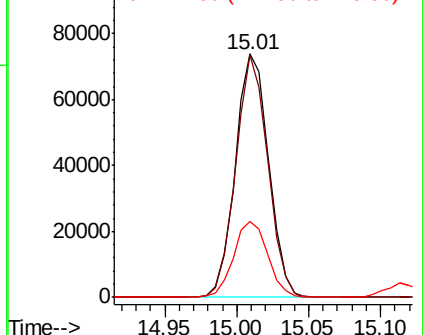


Abundance

Ion 179.80 (179.50 to 180.50): V

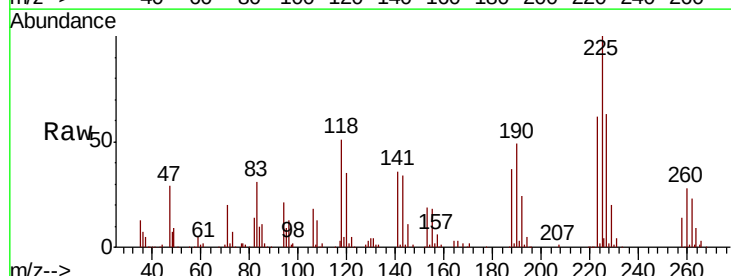
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 53.679 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	31.5	94.5	
227	63.8	31.9	95.5	

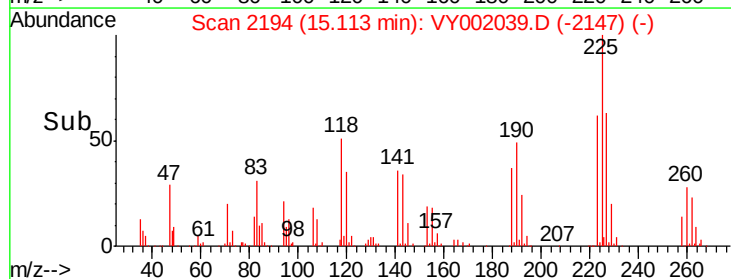
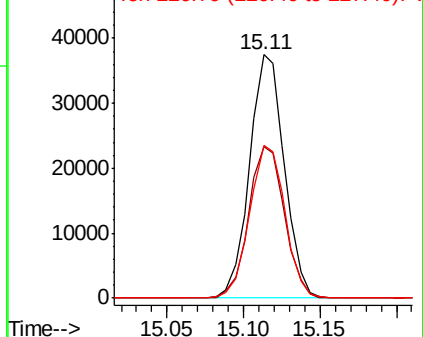


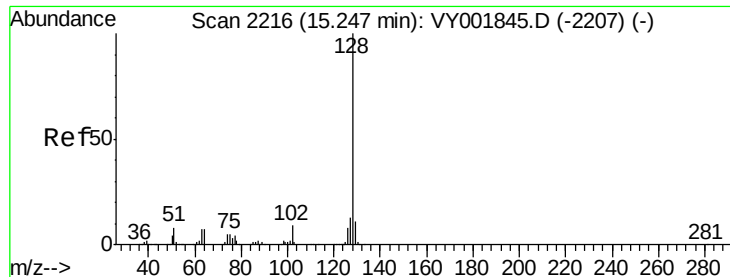
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





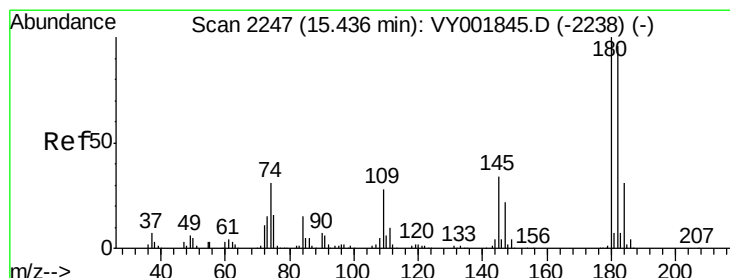
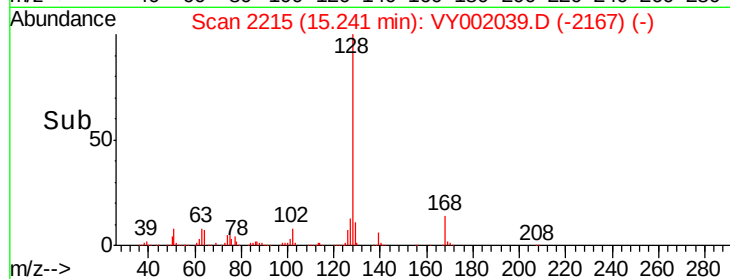
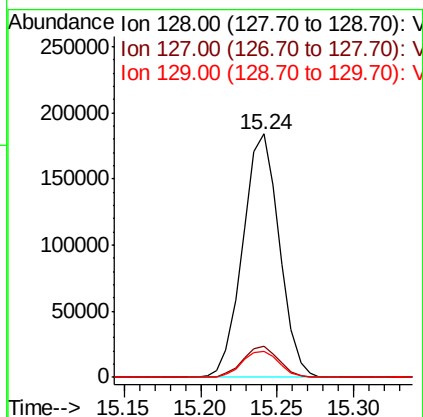
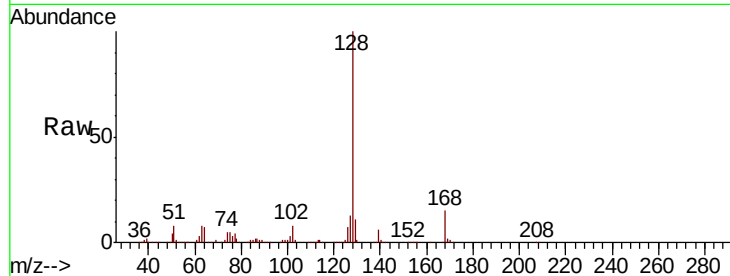
#95
Naphthalene
Concen: 56.678 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	128	Resp:	304737
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.1	15.1
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/23/2020 2:21:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.683 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion:	180	Resp:	105201
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.6	142.9
145	34.0	16.8	50.3

