

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001894.D
 Acq On : 06 Mar 2020 12:19
 Operator : SY/MD
 Sample : VY0306SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 11:41:03 AM

Quant Time: Mar 06 23:25:32 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	7.82	168	164413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	299504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	269463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	122834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	88722	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.75	113	82971	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.20	98	342958	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.50	95	117333	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	27954	18.419	ug/l	99
3) Chloromethane	2.13	50	41422	20.244	ug/l	99
4) Vinyl Chloride	2.27	62	40137	19.285	ug/l	97
5) Bromomethane	2.66	94	28041	19.497	ug/l	86
6) Chloroethane	2.81	64	26470	20.246	ug/l	100
7) Trichlorofluoromethane	3.15	101	53851	19.078	ug/l	95
8) Diethyl Ether	3.55	74	22598	20.313	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	35983	19.820	ug/l	99
10) Methyl Iodide	4.12	142	37254	17.744	ug/l	99
11) Tert butyl alcohol	4.99	59	28316	145.593	ug/l #	93
12) 1,1-Dichloroethene	3.90	96	36441	19.935	ug/l	98
13) Acrolein	3.75	56	24138	97.863	ug/l	97
14) Allyl chloride	4.51	41	63926	19.726	ug/l	98
15) Acrylonitrile	5.21	53	58112	97.755	ug/l	99
16) Acetone	3.97	43	46677	91.304	ug/l	96
17) Carbon Disulfide	4.22	76	117720	19.157	ug/l	98
18) Methyl Acetate	4.51	43	25743	19.598	ug/l	99
19) Methyl tert-butyl Ether	5.26	73	100012	20.189	ug/l	98
20) Methylene Chloride	4.75	84	46094	21.038	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	40809	19.669	ug/l	100
22) Diisopropyl ether	6.15	45	135025	20.327	ug/l	97
23) Vinyl Acetate	6.10	43	436821	100.308	ug/l	98
24) 1,1-Dichloroethane	6.05	63	71962	20.005	ug/l	99
25) 2-Butanone	7.02	43	74857	96.287	ug/l	100
26) 2,2-Dichloropropane	7.02	77	60786	20.588	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	45630	20.218	ug/l	99
28) Bromochloromethane	7.36	49	33842	20.872	ug/l	97
29) Tetrahydrofuran	7.38	42	49284	95.463	ug/l	100
30) Chloroform	7.53	83	68173	20.171	ug/l	99
31) Cyclohexane	7.81	56	73247	18.990	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	56766	19.928	ug/l	98
36) 1,1-Dichloropropene	7.94	75	55976	19.422	ug/l	99
37) Ethyl Acetate	7.11	43	33603	20.060	ug/l	98
38) Carbon Tetrachloride	7.92	117	48208	19.580	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	74412	19.466	ug/l	98
40) Benzene	8.19	78	169537	19.846	ug/l	99
41) Methacrylonitrile	7.36	41	19798m	26.262	ug/l	
42) 1,2-Dichloroethane	8.26	62	45067	20.473	ug/l	99
43) Isopropyl Acetate	8.30	43	62048	19.565	ug/l	98
44) Trichloroethene	8.96	130	40656	19.541	ug/l	97
45) 1,2-Dichloropropane	9.24	63	43859	20.424	ug/l	99
46) Dibromomethane	9.33	93	21765	19.667	ug/l	99
47) Bromodichloromethane	9.52	83	51969	20.188	ug/l	97
48) Methyl methacrylate	9.31	41	28614	20.333	ug/l	98
49) 1,4-Dioxane	9.33	88	5444	359.013	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	169177	103.566	ug/l	100
52) Toluene	10.26	92	103667	19.976	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	56990	20.320	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	66586	19.943	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	31582	19.500	ug/l	97
56) Ethyl methacrylate	10.53	69	45995	19.375	ug/l	95
57) 1,3-Dichloropropane	10.81	76	57771	20.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	126433	137.947	ug/l	99
59) 2-Hexanone	10.85	43	109793	94.168	ug/l	99
60) Dibromochloromethane	11.00	129	33806	19.809	ug/l	99
61) 1,2-Dibromoethane	11.11	107	29672	19.341	ug/l	99
64) Tetrachloroethene	10.74	164	33459	19.800	ug/l	92
65) Chlorobenzene	11.53	112	106029	19.748	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	35160	19.969	ug/l	99
67) Ethyl Benzene	11.61	91	195948	19.568	ug/l	97
68) m/p-Xylenes	11.72	106	146684	39.622	ug/l	99
69) o-Xylene	12.05	106	68998	19.774	ug/l	100
70) Styrene	12.06	104	119926	20.067	ug/l	100
71) Bromoform	12.22	173	18585	19.463	ug/l #	99
73) Isopropylbenzene	12.34	105	183986	19.621	ug/l	99
74) N-amyl acetate	12.16	43	55419	19.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	39174	19.373	ug/l	97
76) 1,2,3-Trichloropropane	12.65	75	25406m	17.431	ug/l	
77) Bromobenzene	12.63	156	39759	20.013	ug/l	97
78) n-propylbenzene	12.69	91	230346	19.912	ug/l	99
79) 2-Chlorotoluene	12.77	91	126281	19.758	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	152587	19.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13085	18.134	ug/l	94
82) 4-Chlorotoluene	12.87	91	134024	20.140	ug/l	100
83) tert-Butylbenzene	13.09	119	126907	19.793	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	151751	19.809	ug/l	99
85) sec-Butylbenzene	13.27	105	188044	19.898	ug/l	100
86) p-Isopropyltoluene	13.39	119	164572	20.187	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	78013	20.039	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	78463	19.867	ug/l	98
89) n-Butylbenzene	13.71	91	167213	19.770	ug/l	99
90) Hexachloroethane	13.98	117	30192	19.631	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	70494	19.932	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5889	18.663	ug/l	95

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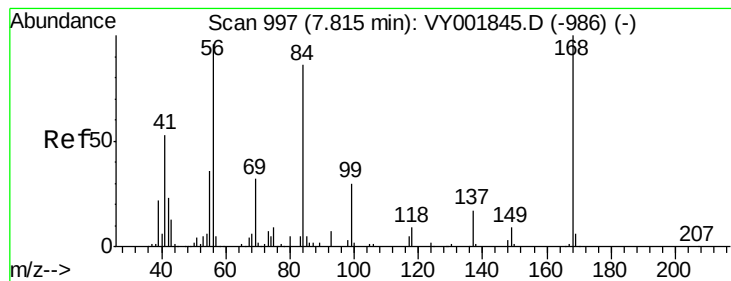
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46139	20.116	ug/l	99
94) Hexachlorobutadiene	15.13	225	22245	19.893	ug/l	98
95) Naphthalene	15.25	128	102268	18.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	40999	20.291	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion:168 Resp: 164413

Ion Ratio Lower Upper

168 100

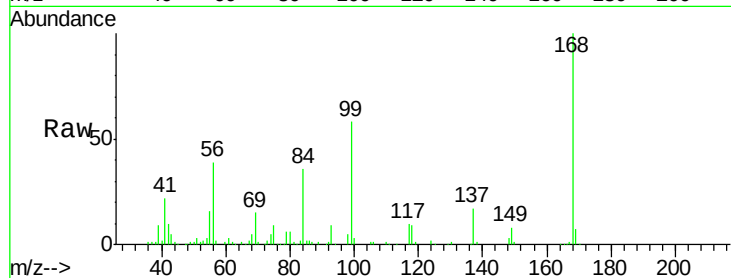
99 58.5 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

80000

60000

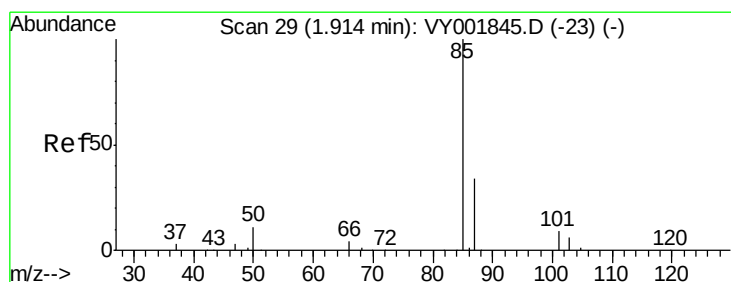
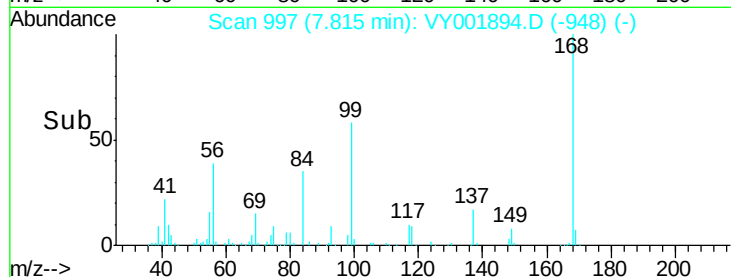
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.419 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001894.D

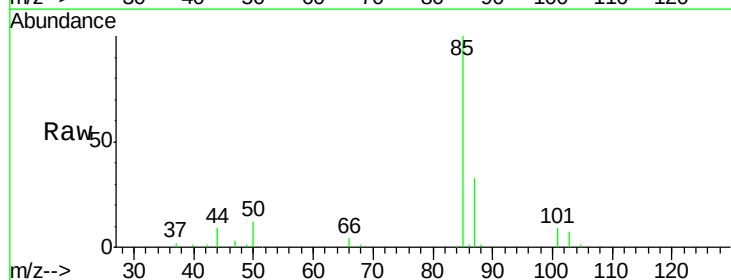
Acq: 06 Mar 2020 12:19

Tgt Ion: 85 Resp: 27954

Ion Ratio Lower Upper

85 100

87 33.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.92

20000

15000

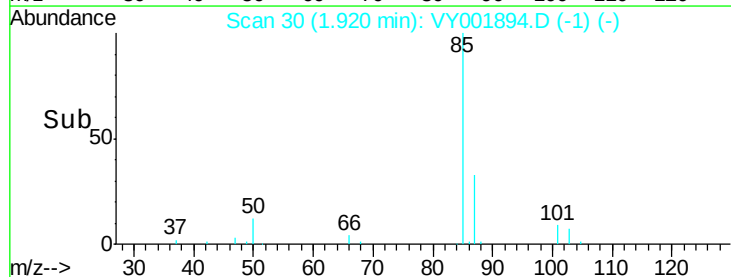
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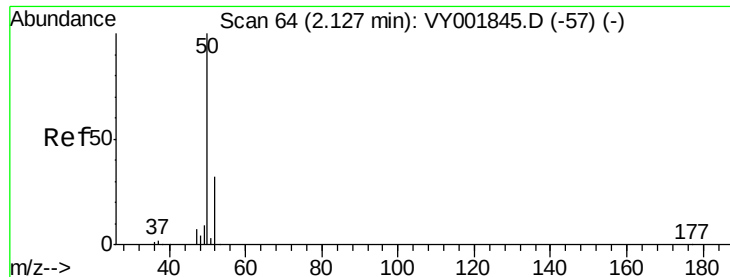
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.244 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 50 Resp: 41422

Ion Ratio Lower Upper

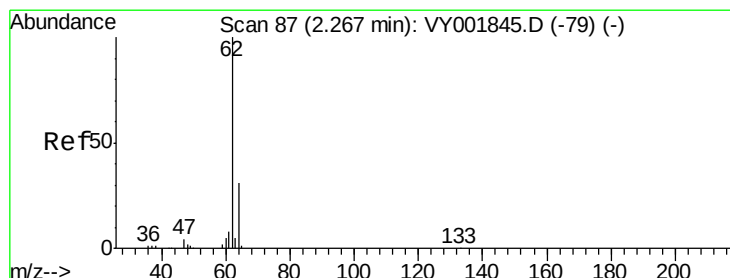
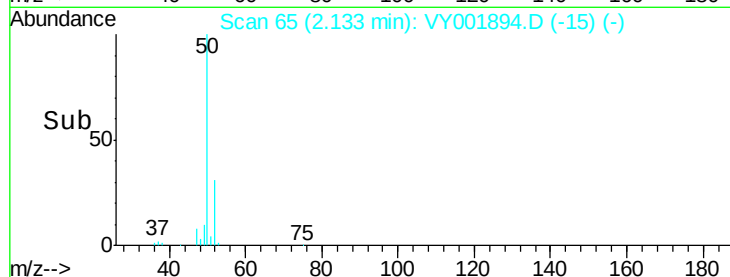
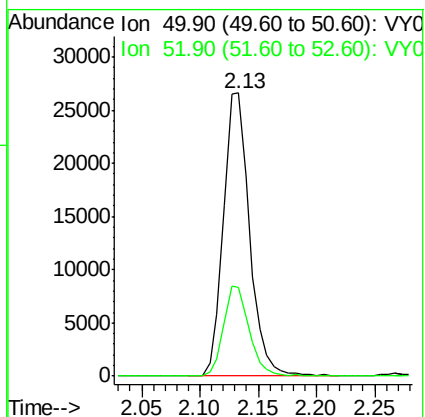
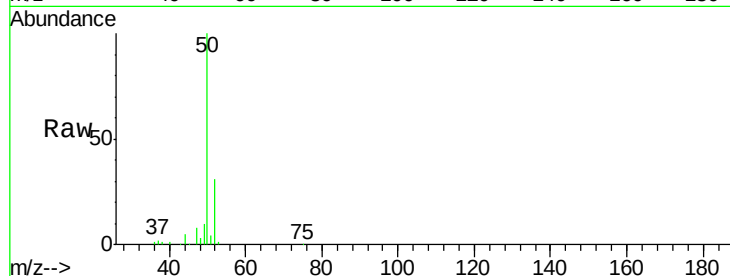
50 100

52 31.4 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.285 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001894.D

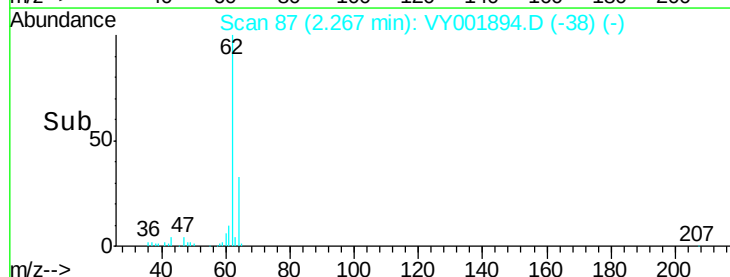
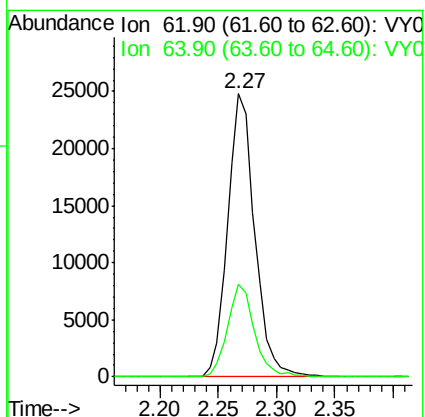
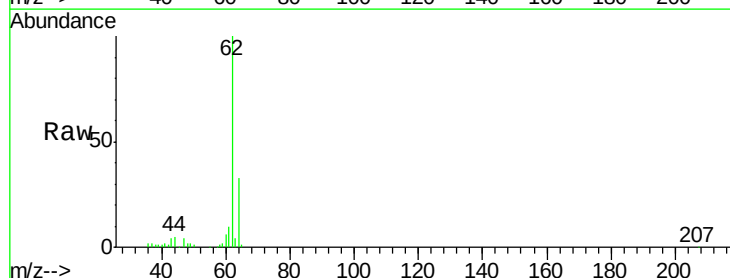
Acq: 06 Mar 2020 12:19

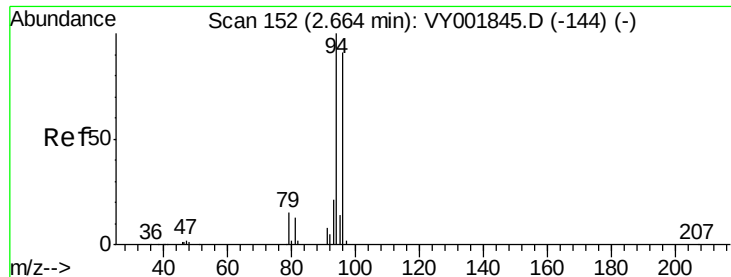
Tgt Ion: 62 Resp: 40137

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 19.497 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 94 Resp: 28041

Ion Ratio Lower Upper

94 100

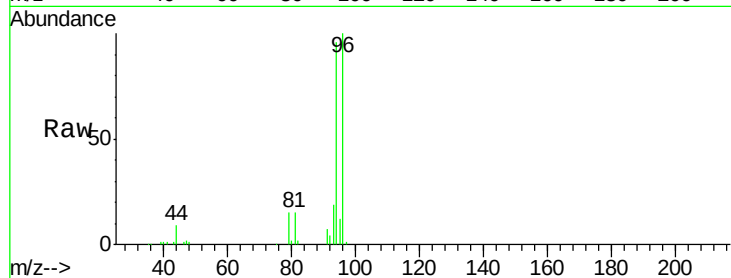
96 104.4 73.2 109.8

Manual Integrations

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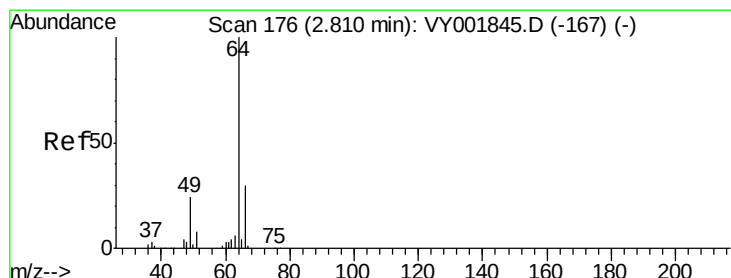
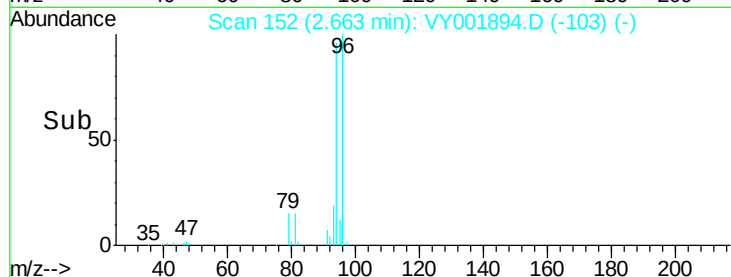
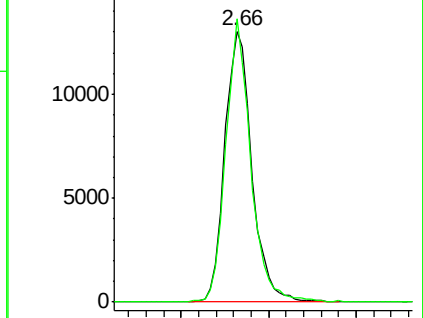
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.246 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.00 min

Lab File: VY001894.D

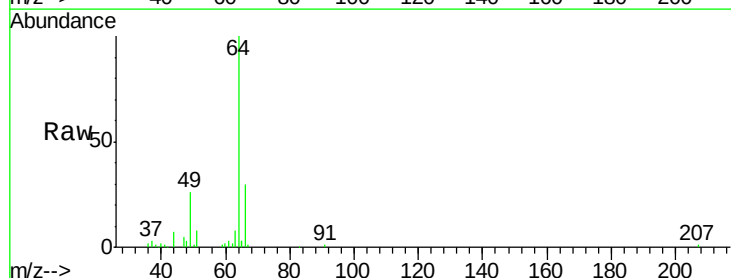
Acq: 06 Mar 2020 12:19

Tgt Ion: 64 Resp: 26470

Ion Ratio Lower Upper

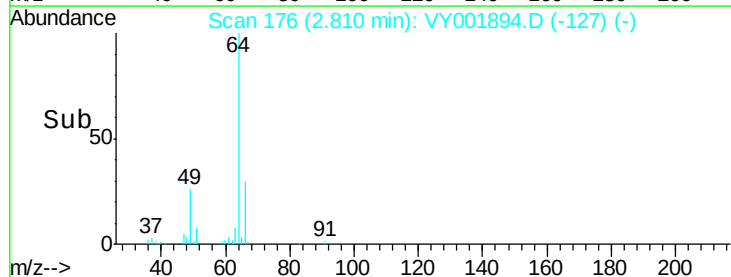
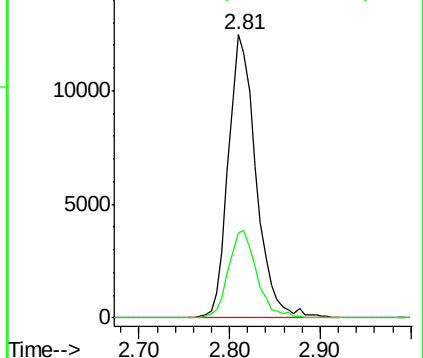
64 100

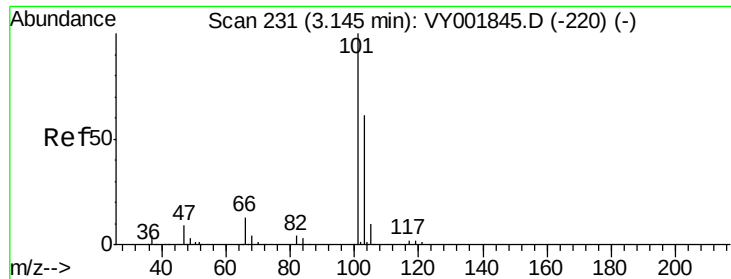
66 29.9 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

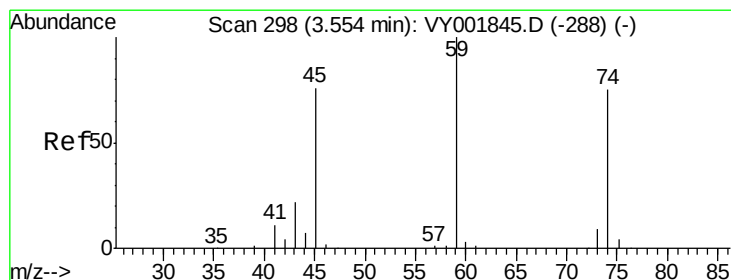
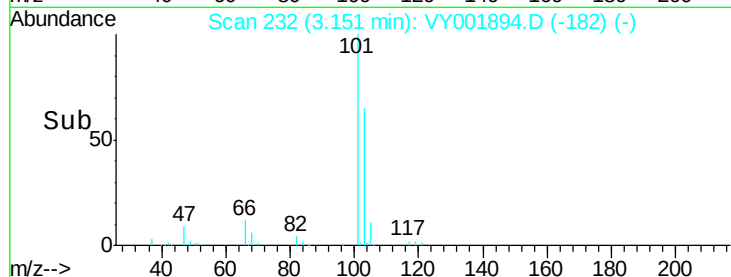
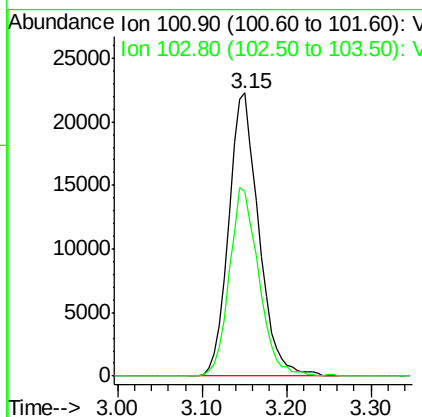
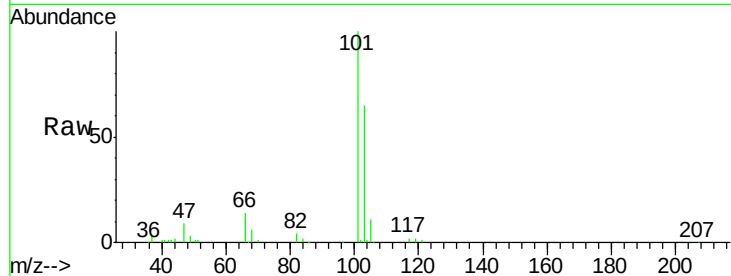
Trichlorofluoromethane
Concen: 19.078 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
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VY0306SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	49.1	73.7

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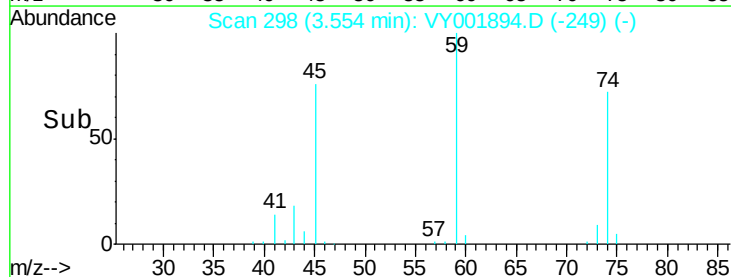
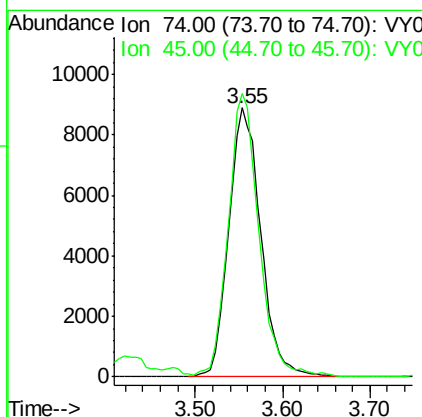
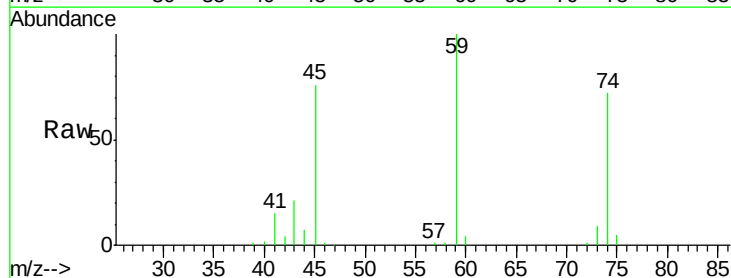
MMDadoda
3/9/2020 11:41:03 AM

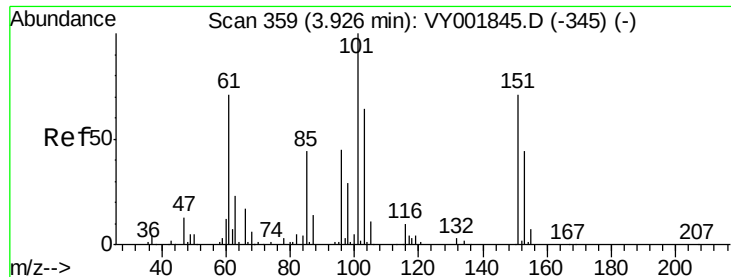


#8

Diethyl Ether
Concen: 20.313 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.820 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

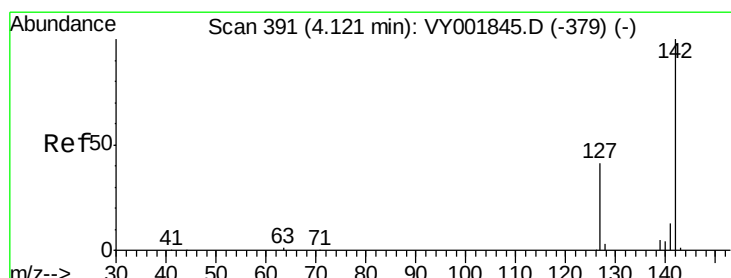
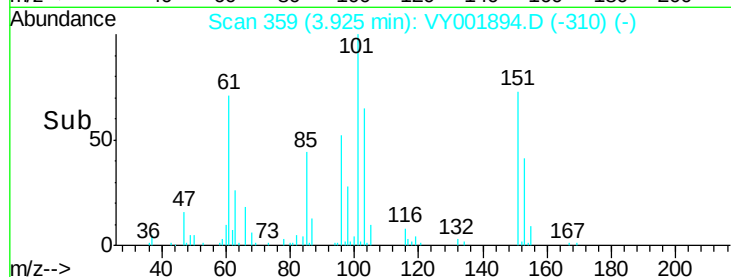
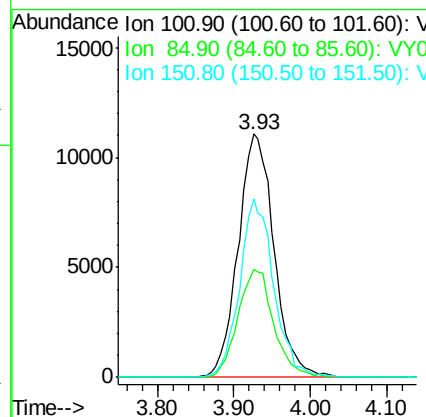
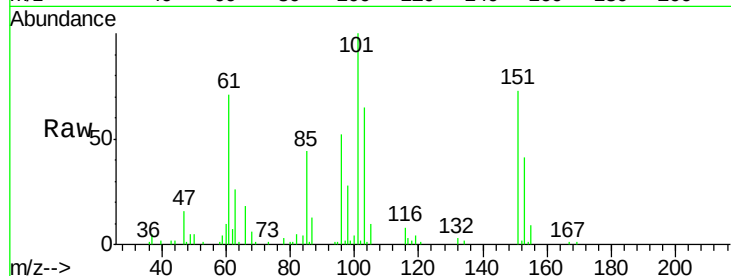
ClientSampleId :

VY0306SBS01

Tot Ion:	101	Resp:	35983
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.3	52.9
151	69.8	57.0	85.4

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#10

Methyl Iodide

Concen: 17.744 ug/l

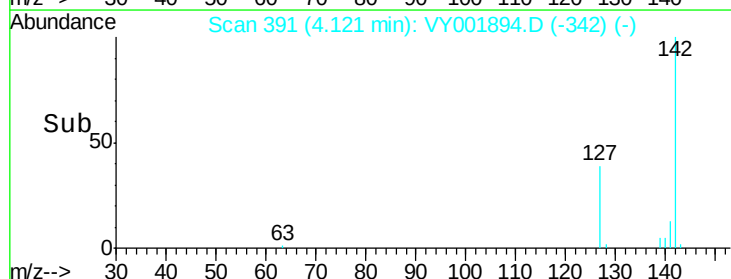
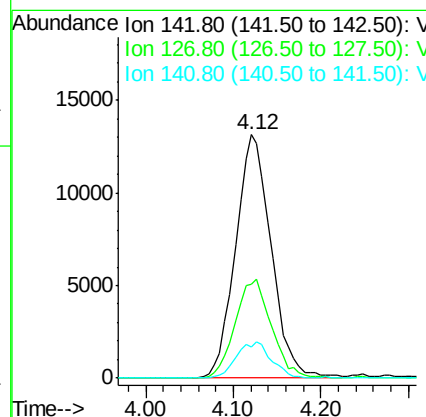
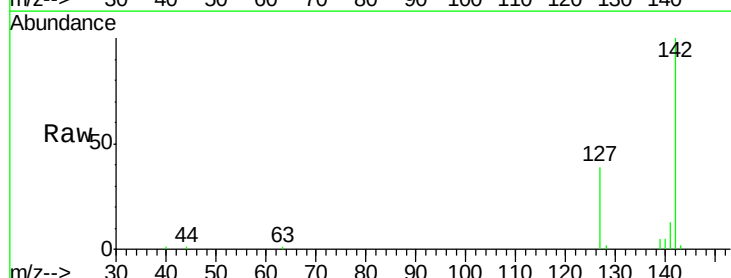
RT: 4.12 min Scan# 391

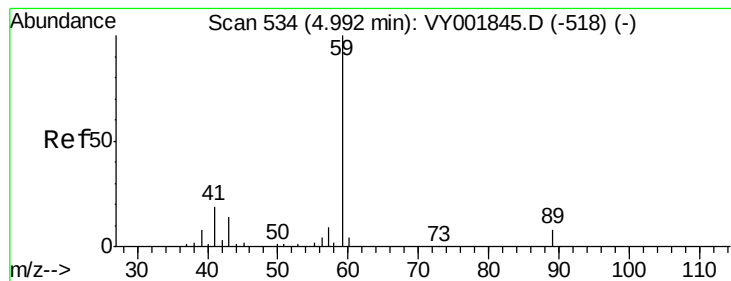
Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Tgt Ion:	142	Resp:	37254
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.7	49.1
141	14.5	11.0	16.6





#11

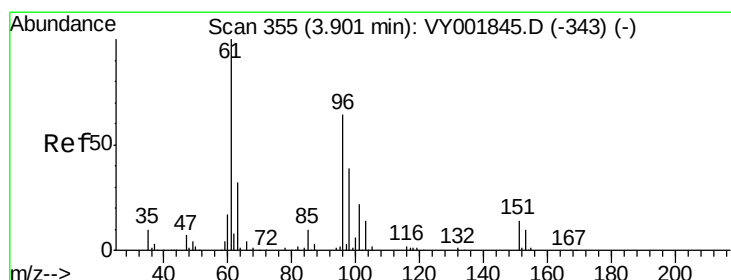
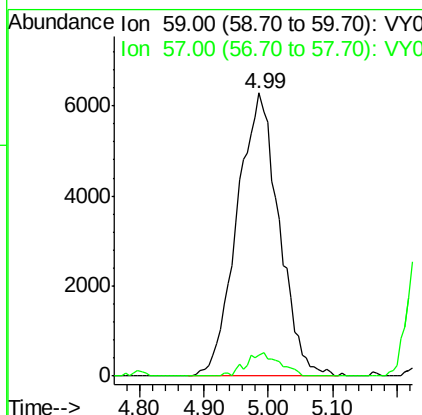
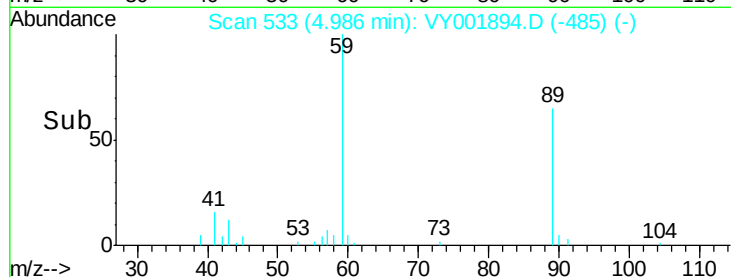
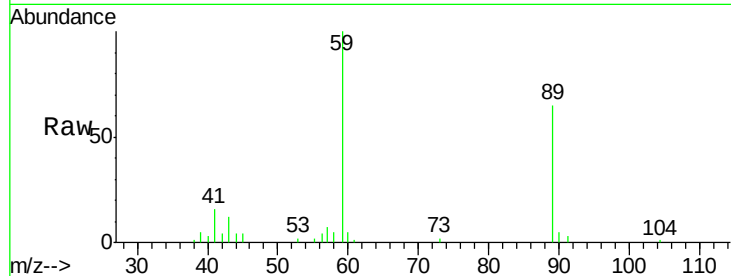
Tert butyl alcohol
Concen: 145.593 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion: 59 Resp: 28316
Ion Ratio Lower Upper
59 100
57 6.6 7.4 11.2#

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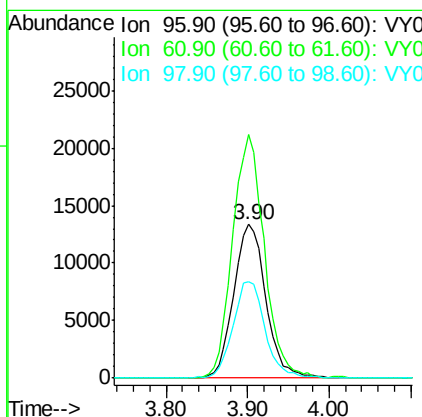
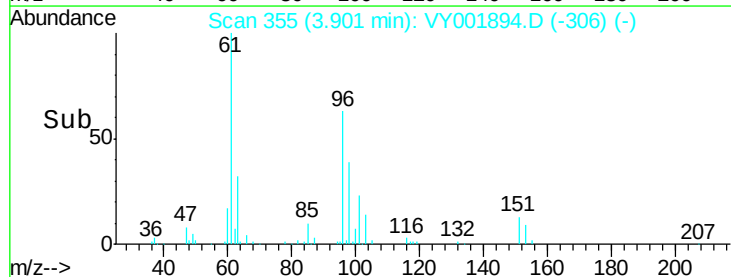
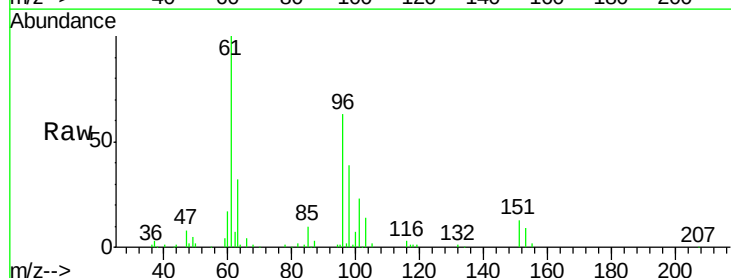
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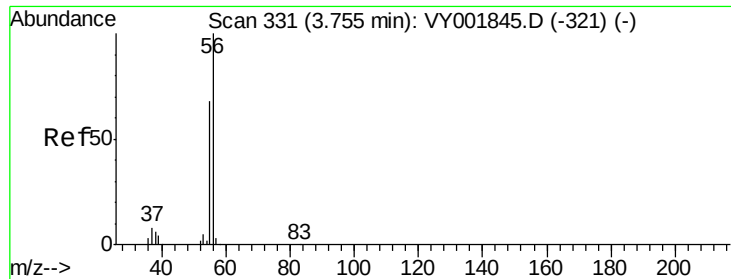


#12

1,1-Dichloroethene
Concen: 19.935 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 96 Resp: 36441
Ion Ratio Lower Upper
96 100
61 158.3 124.8 187.2
98 62.4 49.2 73.8





#13

Acrolein

Concen: 97.863 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 56 Resp: 24138

Ion Ratio Lower Upper

56 100

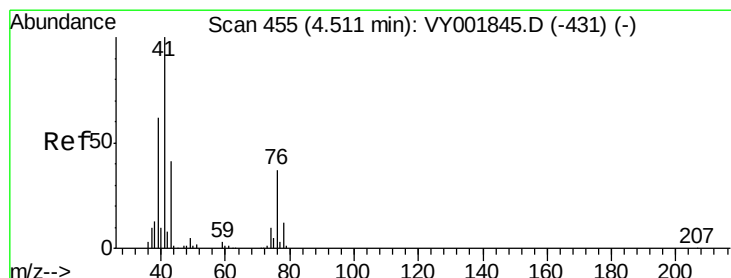
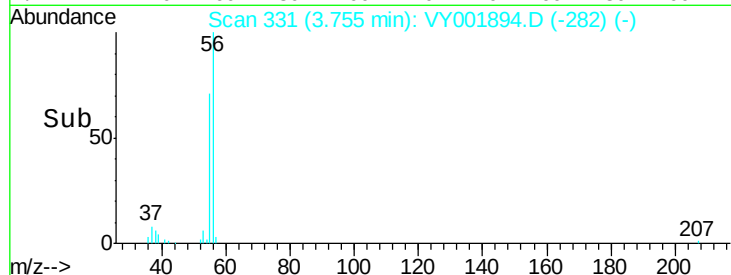
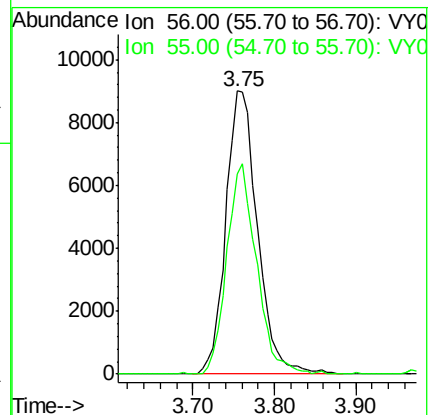
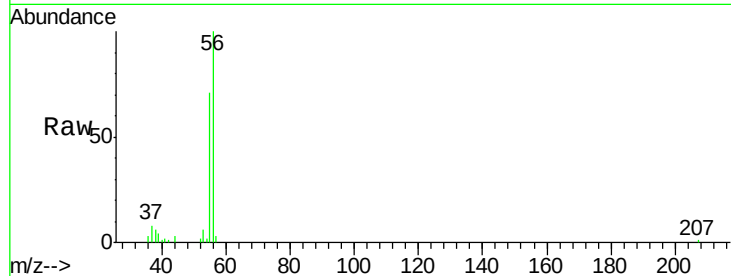
55 70.0 54.0 81.0

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3/9/2020 11:41:03 AM



#14

Allyl chloride

Concen: 19.726 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

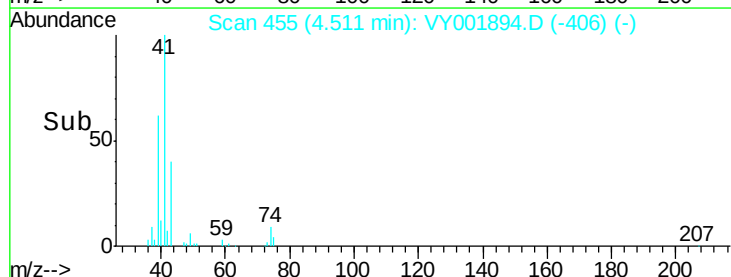
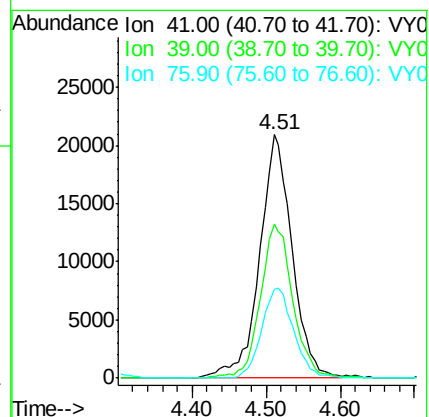
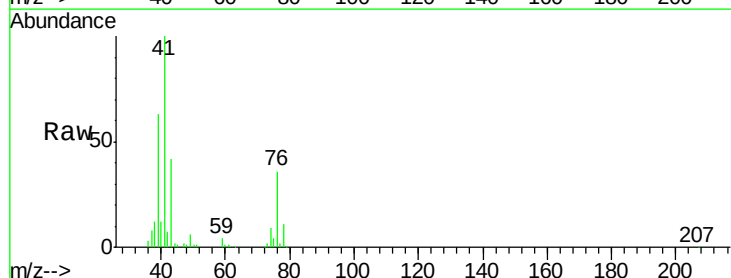
Tgt Ion: 41 Resp: 63926

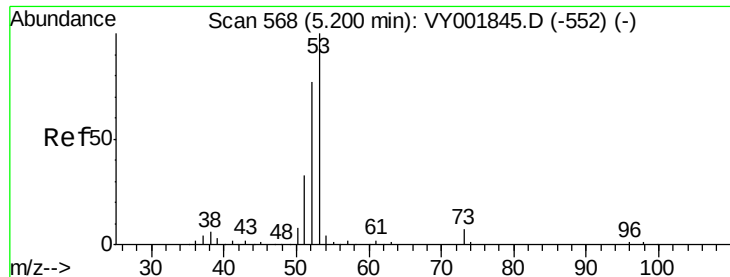
Ion Ratio Lower Upper

41 100

39 63.0 49.0 73.6

76 36.4 28.9 43.3





#15

Acrylonitrile

Concen: 97.755 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

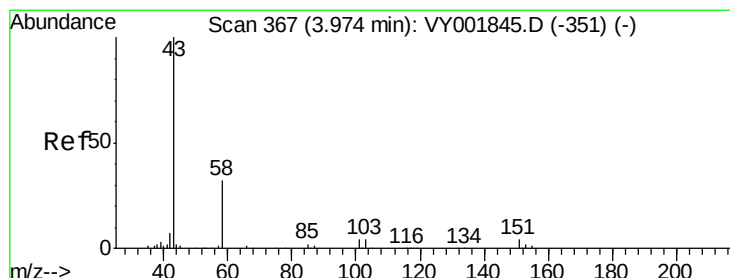
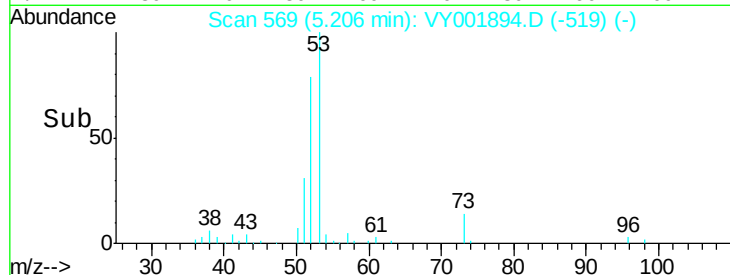
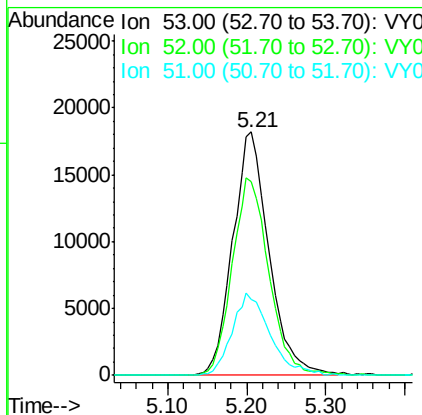
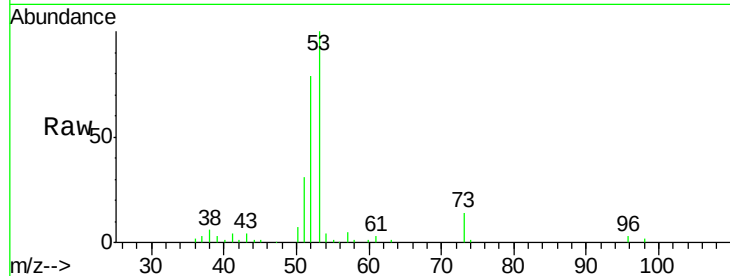
ClientSampleId :

VY0306SBS01

Tot Ion:	53	Resp:	58112
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.1	97.7
51	35.4	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 91.304 ug/l

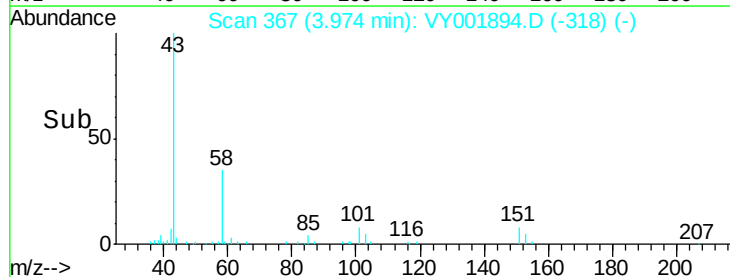
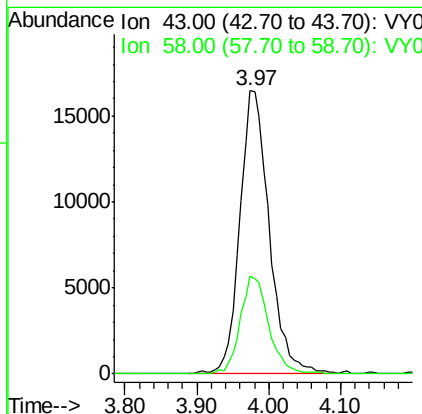
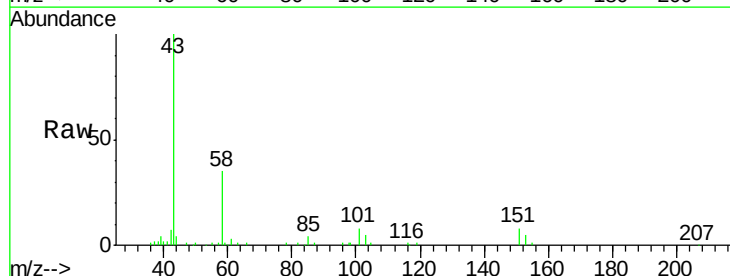
RT: 3.97 min Scan# 367

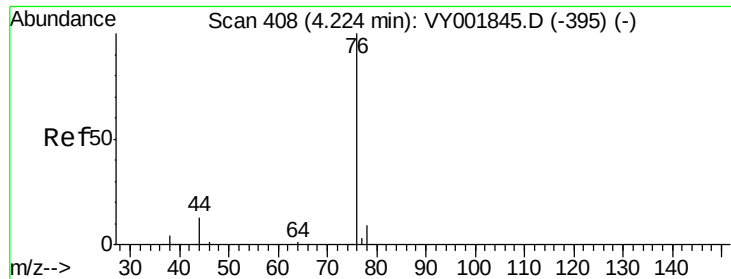
Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Tgt Ion:	43	Resp:	46677
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.9	38.9





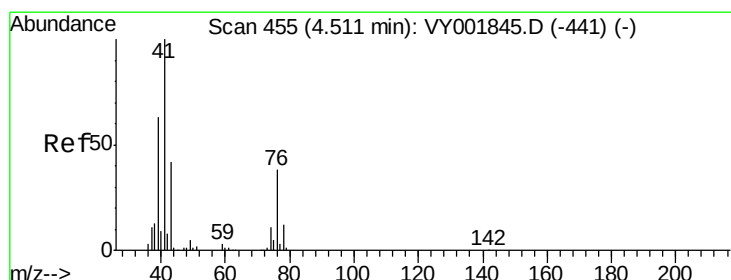
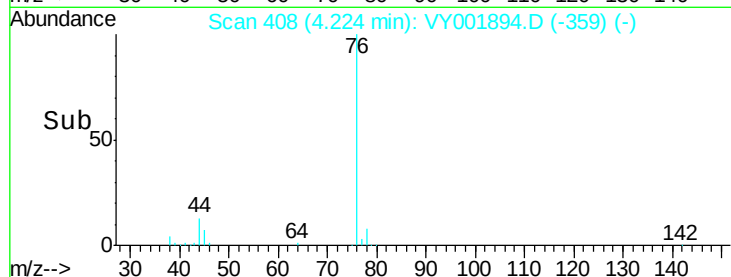
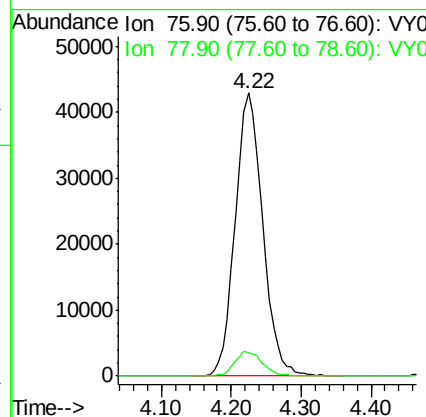
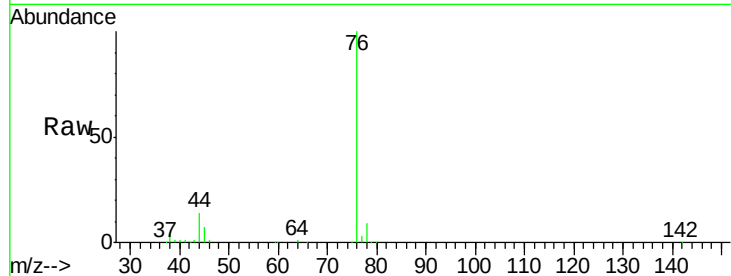
#17
Carbon Disulfide
Concen: 19.157 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2

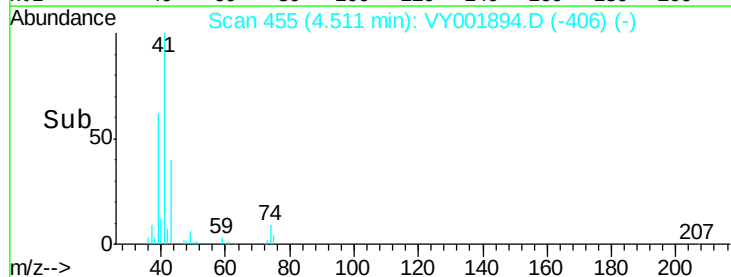
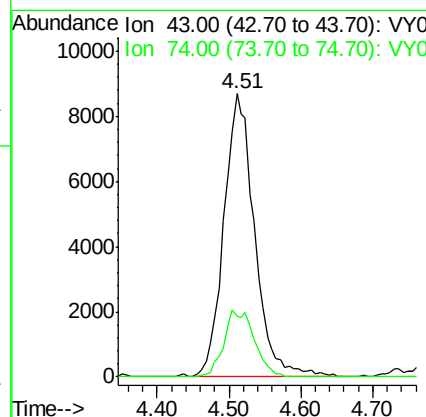
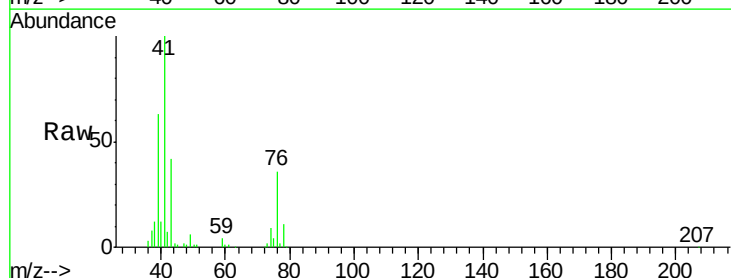
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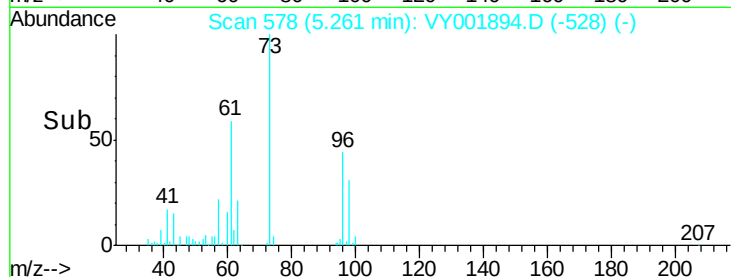
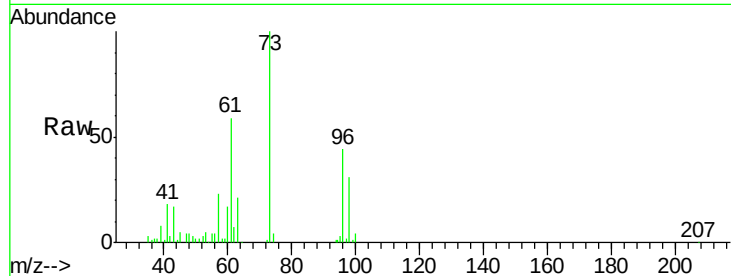
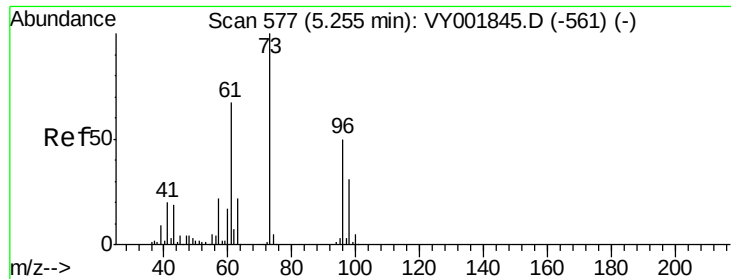
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3/9/2020 11:41:03 AM



#18
Methyl Acetate
Concen: 19.598 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.0	28.6





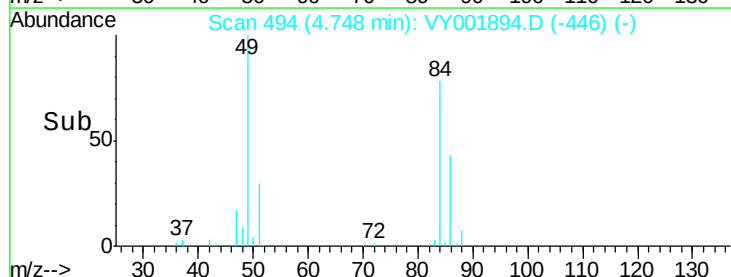
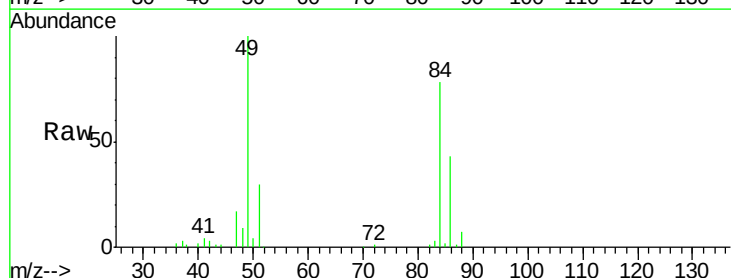
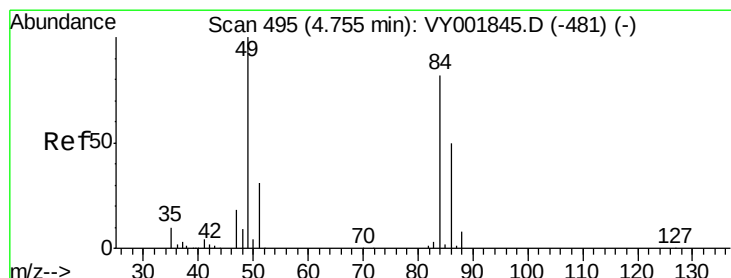
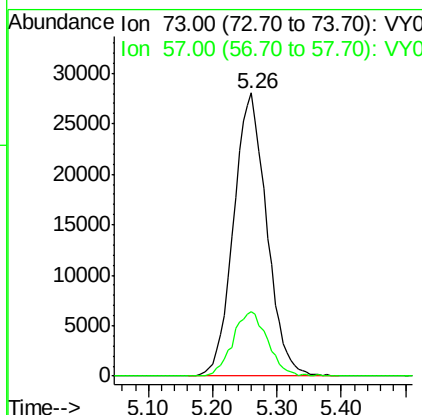
#19
Methyl tert-butyl Ether
Concen: 20.189 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tot Ion: 73 Resp: 100012
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

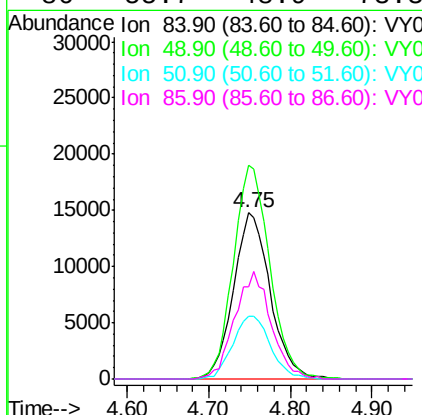
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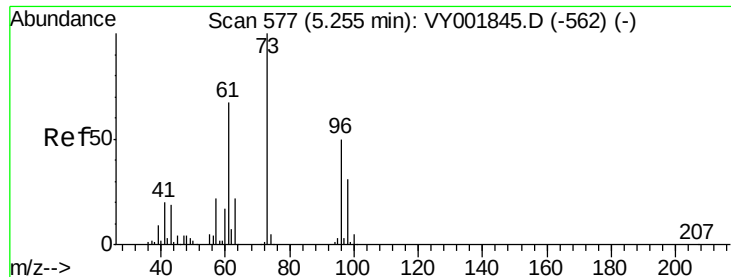
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#20
Methylene Chloride
Concen: 21.038 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 84 Resp: 46094
Ion Ratio Lower Upper
84 100
49 128.6 98.2 147.2
51 38.1 30.2 45.2
86 55.7 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 19.669 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 96 Resp: 40809

Ion Ratio Lower Upper

96 100

61 134.3 107.7 161.5

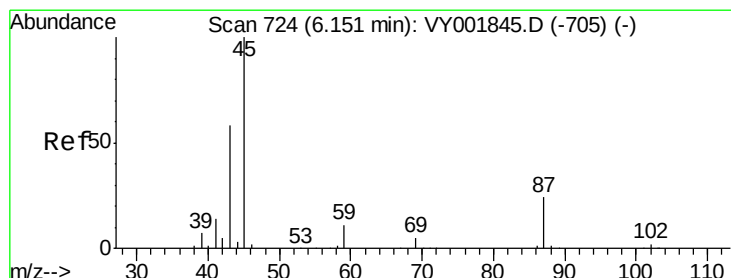
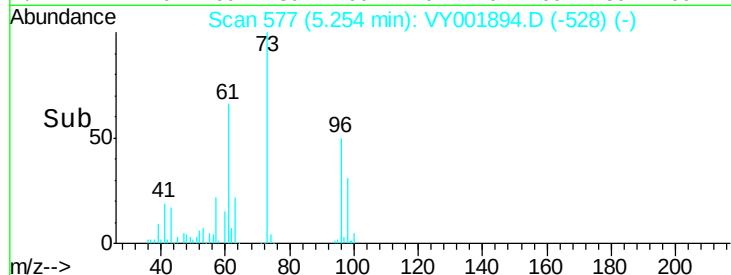
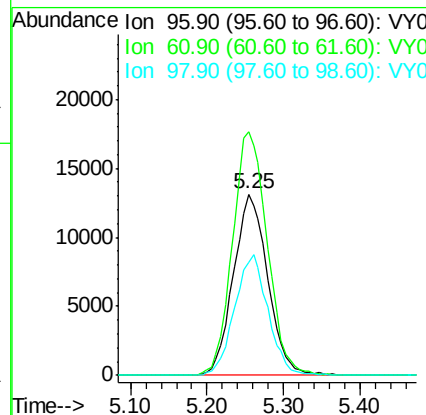
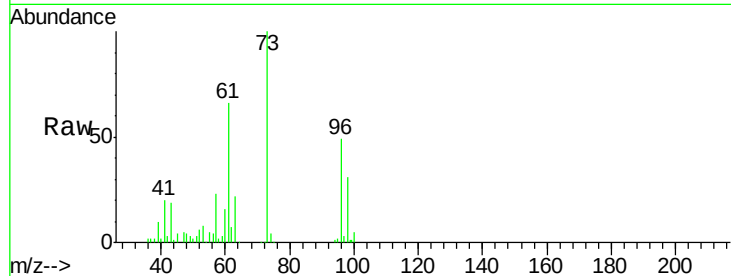
98 62.2 49.3 73.9

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3/9/2020 11:41:03 AM



#22

Diisopropyl ether

Concen: 20.327 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Tgt Ion: 45 Resp: 135025

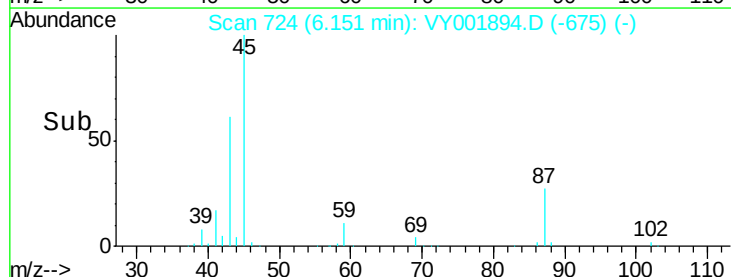
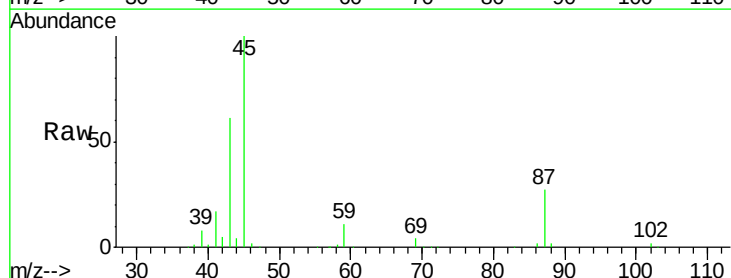
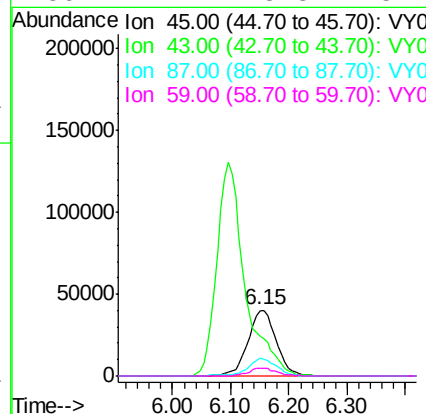
Ion Ratio Lower Upper

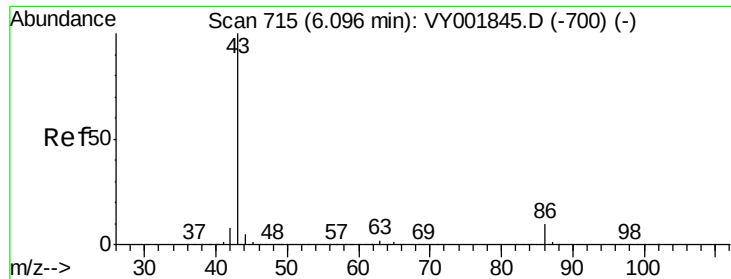
45 100

43 60.7 47.2 70.8

87 26.9 19.8 29.8

59 11.2 8.8 13.2





#23

Vinyl Acetate

Concen: 100.308 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 43 Resp: 436821

Ion Ratio Lower Upper

43 100

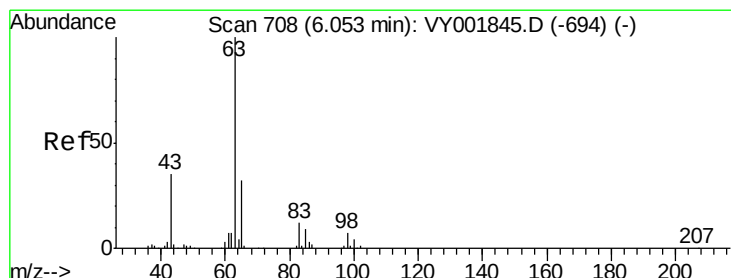
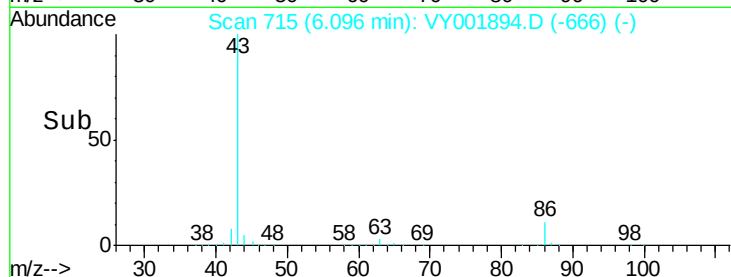
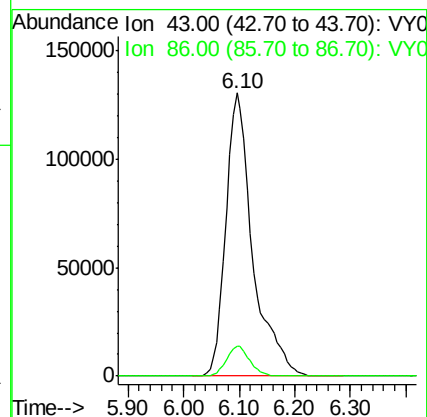
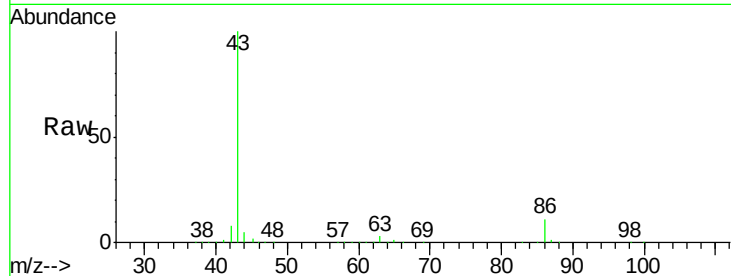
86 10.7 7.8 11.8

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3/9/2020 11:41:03 AM



#24

1,1-Dichloroethane

Concen: 20.005 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

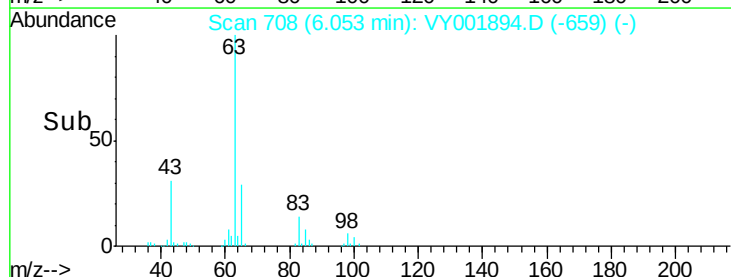
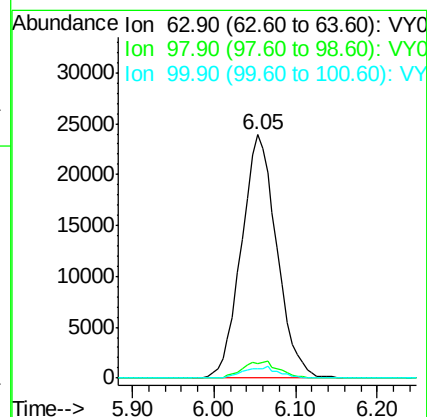
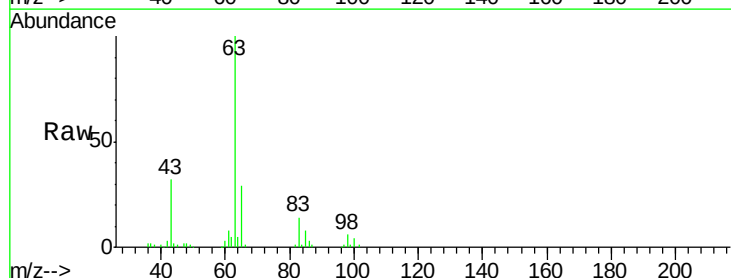
Tgt Ion: 63 Resp: 71962

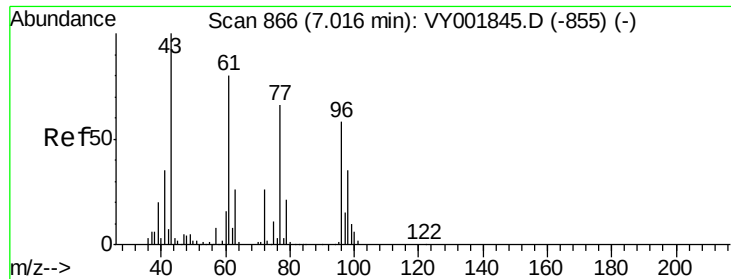
Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 96.287 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 43 Resp: 74857

Ion Ratio Lower Upper

43 100

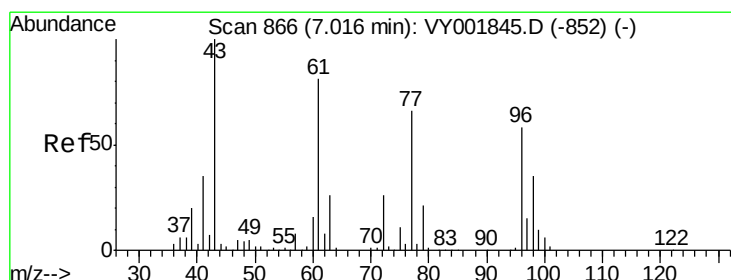
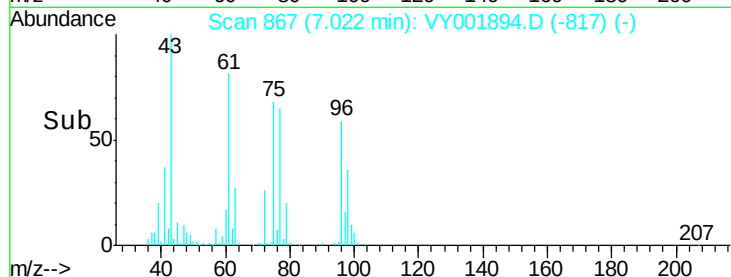
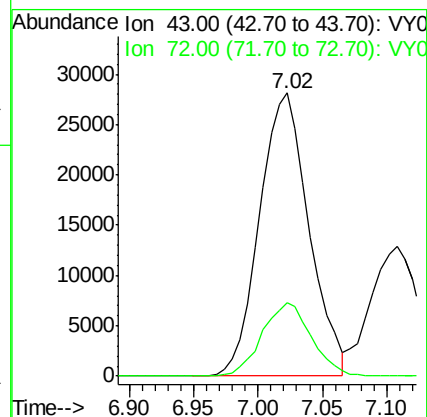
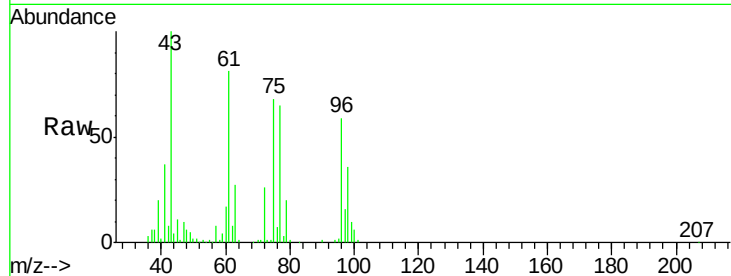
72 26.1 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.588 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001894.D

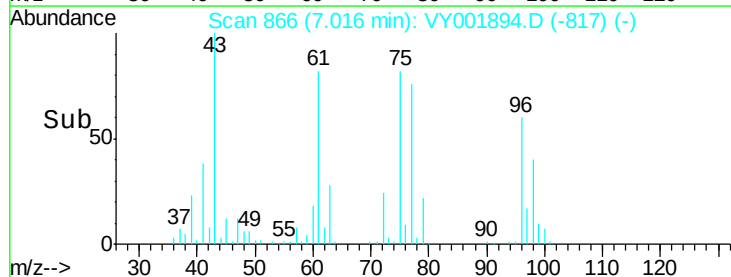
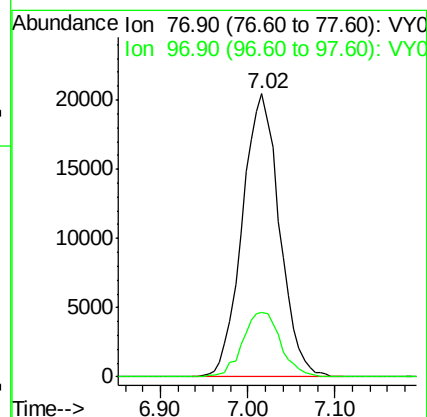
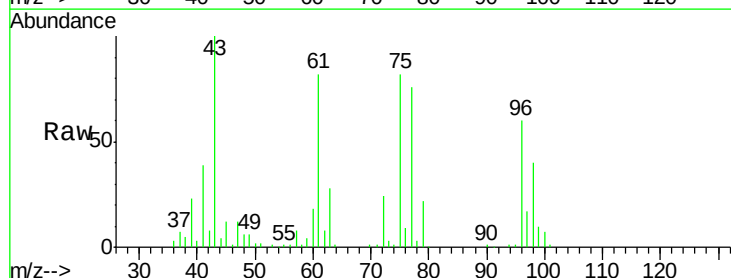
Acq: 06 Mar 2020 12:19

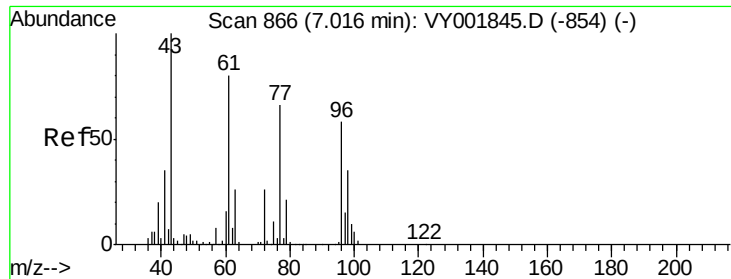
Tgt Ion: 77 Resp: 60786

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.7





#27

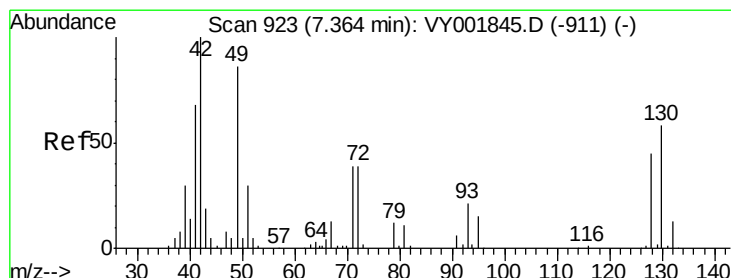
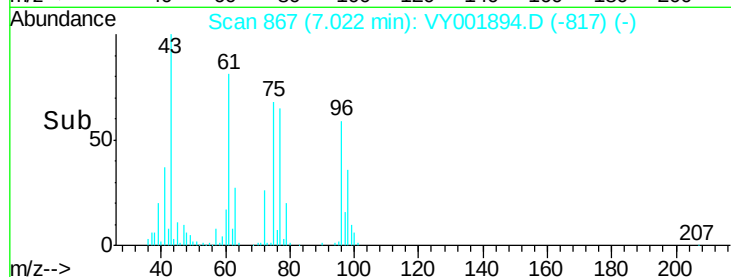
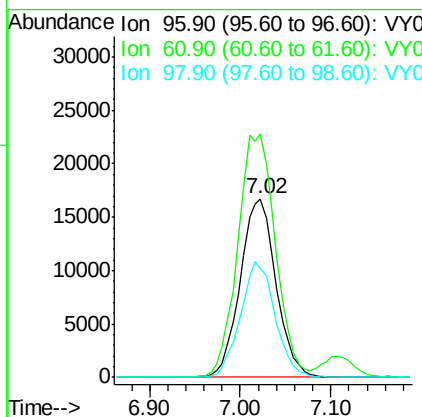
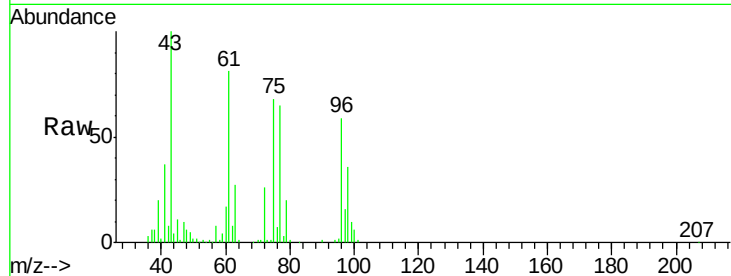
cis-1,2-Dichloroethene
Concen: 20.218 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	288.2
98	62.5	0.0	129.0

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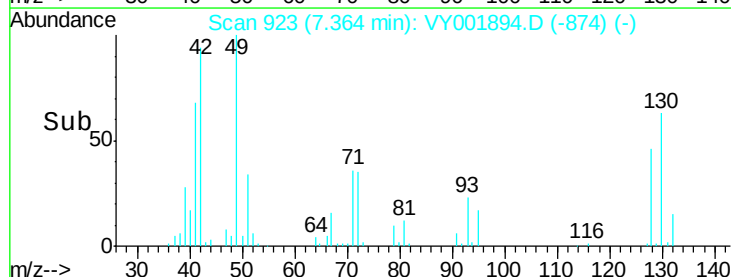
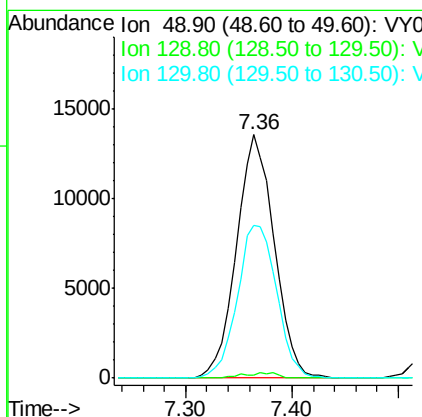
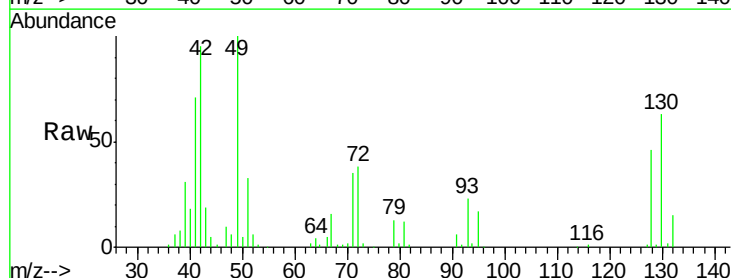
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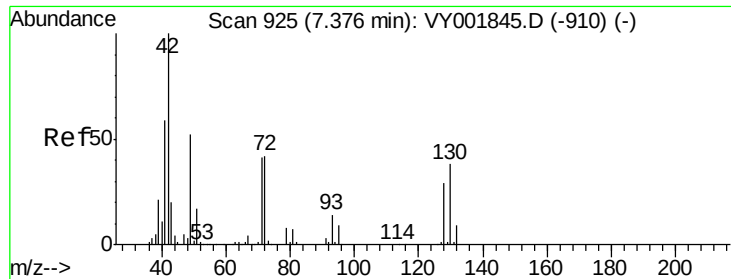


#28

Bromochloromethane
Concen: 20.872 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	65.2	54.4	81.6





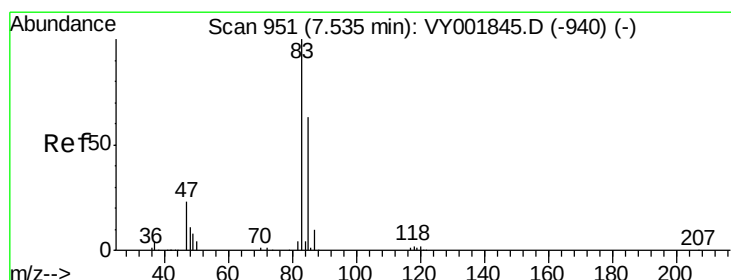
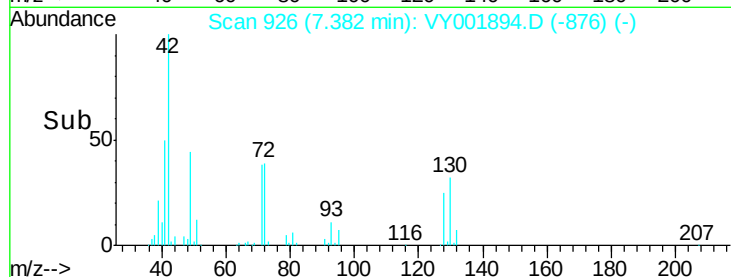
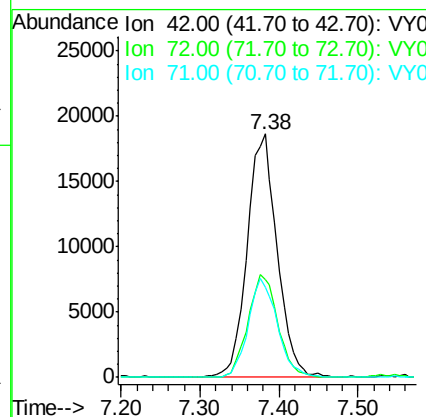
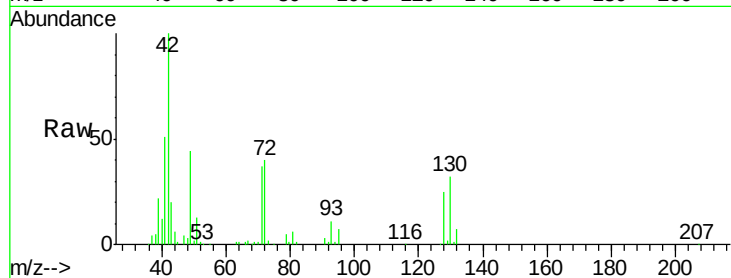
#29
Tetrahydrofuran
Concen: 95.463 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.5	50.3
71	39.1	31.3	46.9

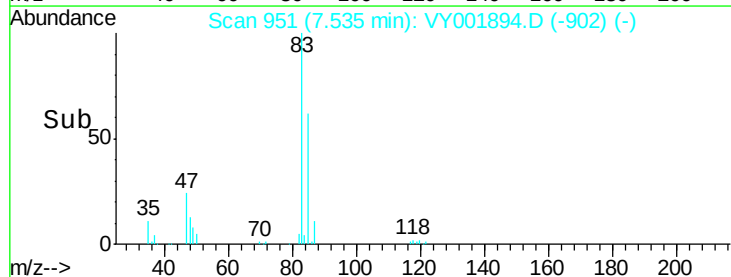
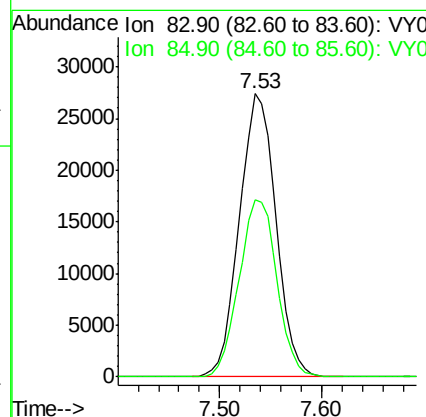
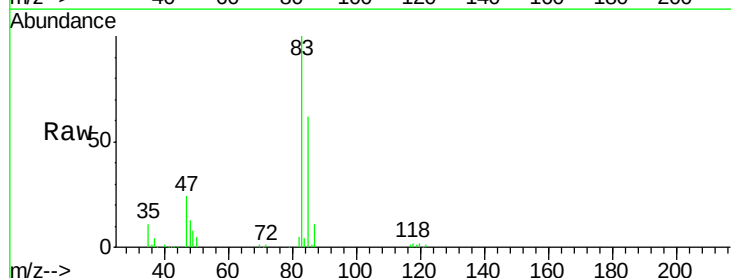
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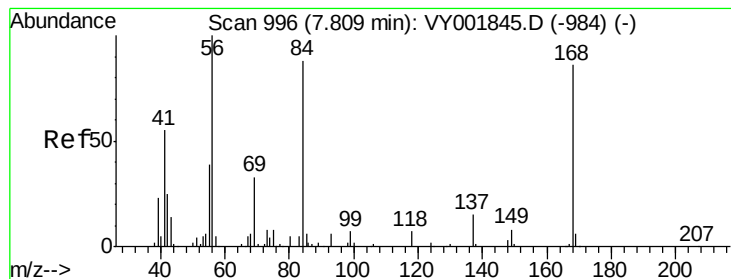
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#30
Chloroform
Concen: 20.171 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.7	76.1





#31

Cyclohexane

Concen: 18.990 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 56 Resp: 73247

Ion Ratio Lower Upper

56 100

69 37.1 26.7 40.1

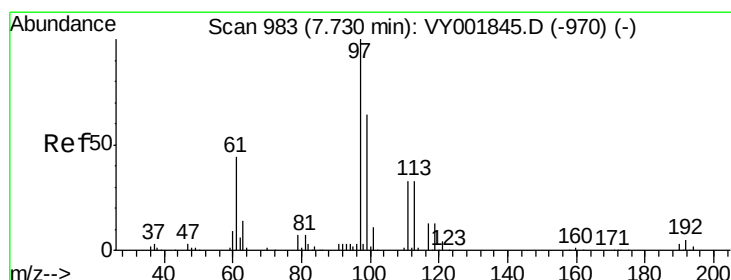
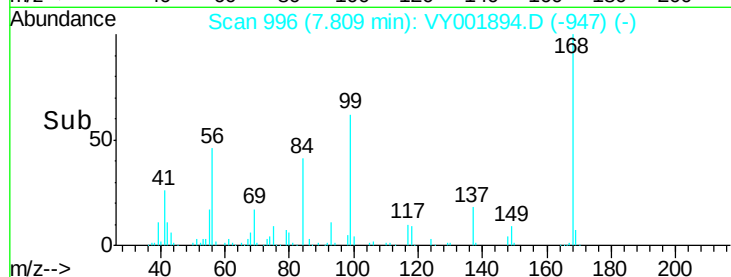
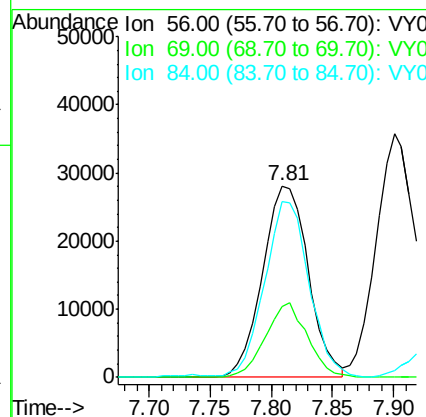
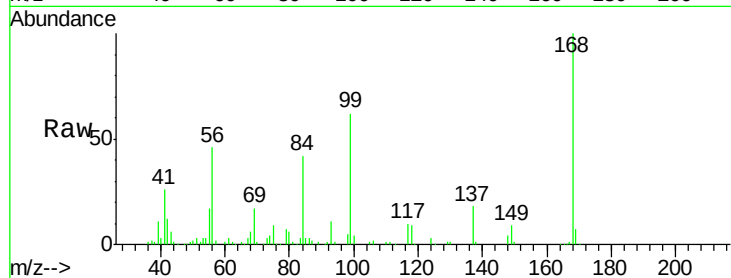
84 90.1 70.4 105.6

Manual Integrations

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3/9/2020 11:41:03 AM



#32

1,1,1-Trichloroethane

Concen: 19.928 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

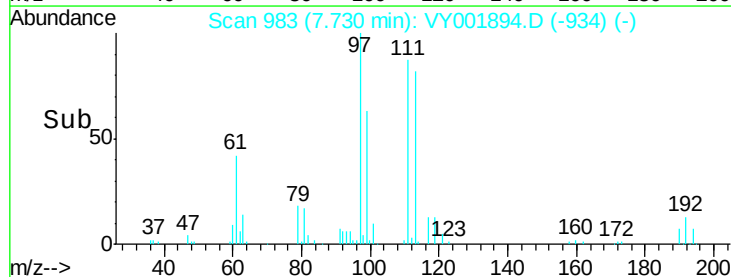
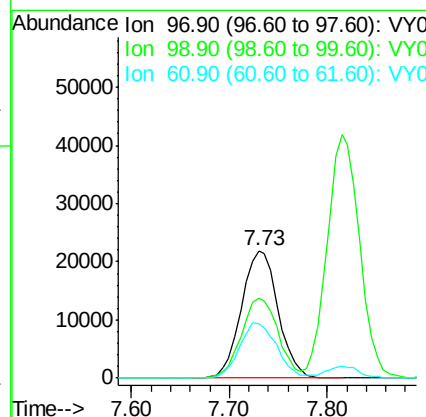
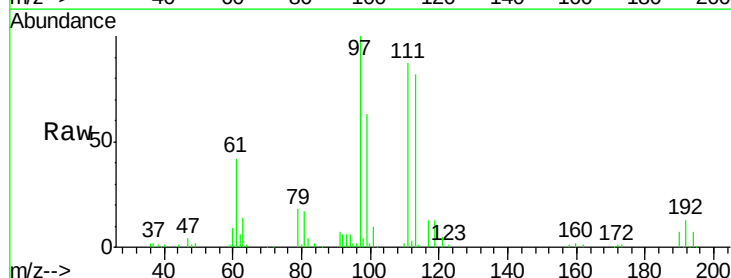
Tgt Ion: 97 Resp: 56766

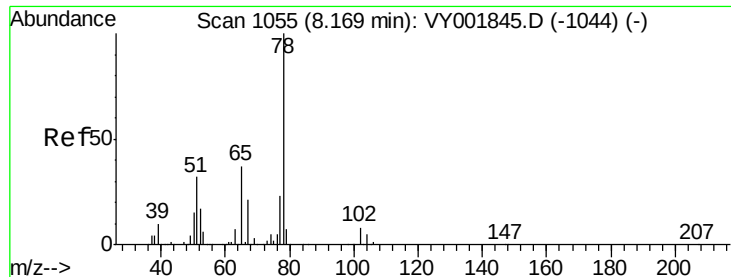
Ion Ratio Lower Upper

97 100

99 63.2 52.0 78.0

61 44.5 35.0 52.4





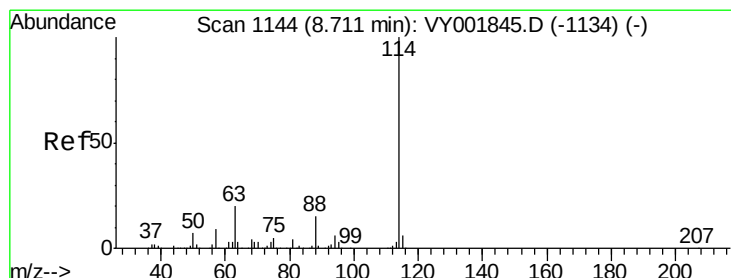
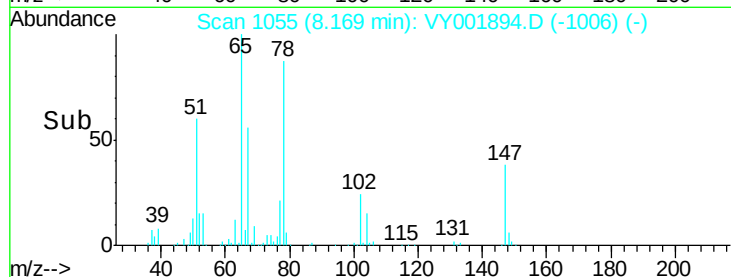
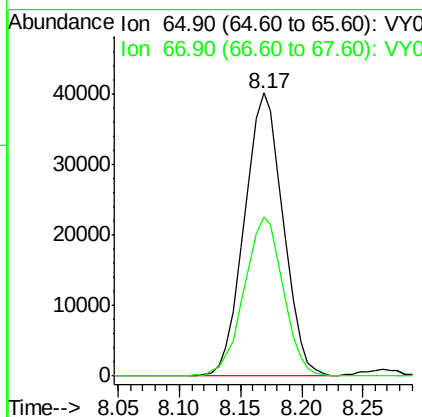
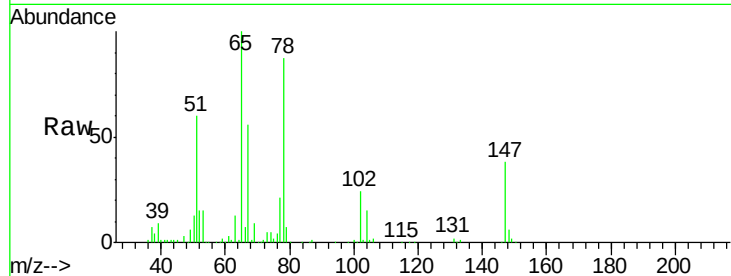
#33
 1,2-Dichloroethane-d4
 Concen: 50.548 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.7	0.0	110.8	

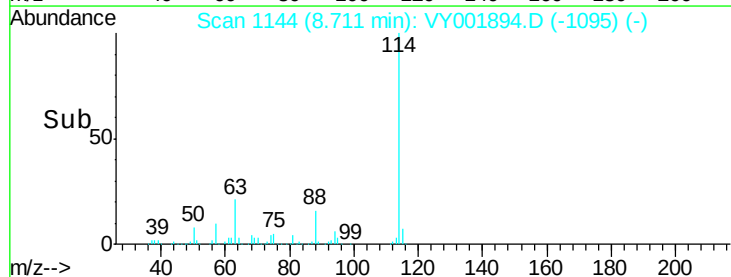
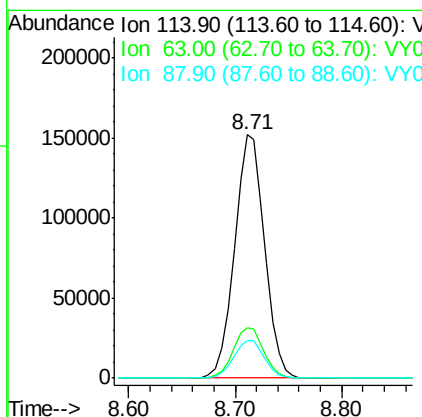
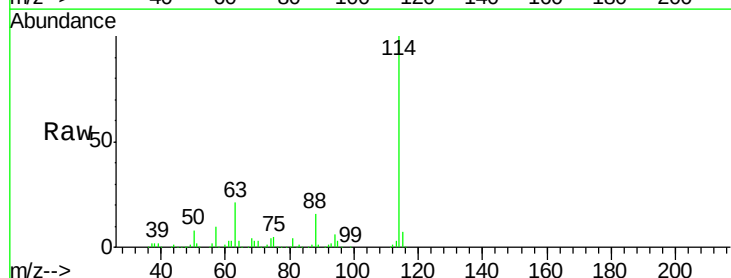
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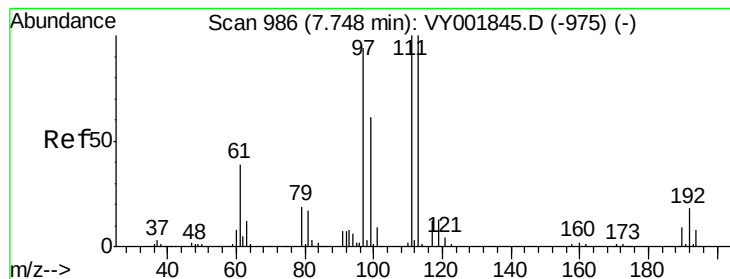
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.6	0.0	39.4	
88	15.6	0.0	30.4	





#35

Dibromofluoromethane

Concen: 50.734 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion:113 Resp: 82971

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

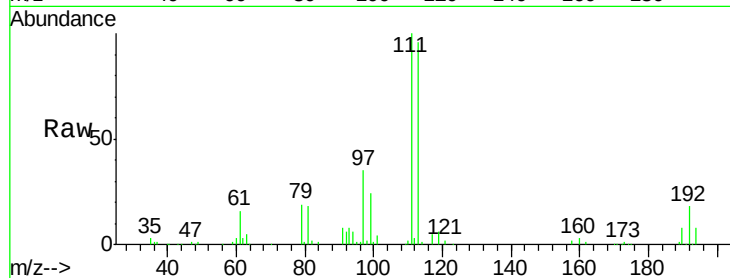
192 17.7 14.2 21.2

Manual Integrations

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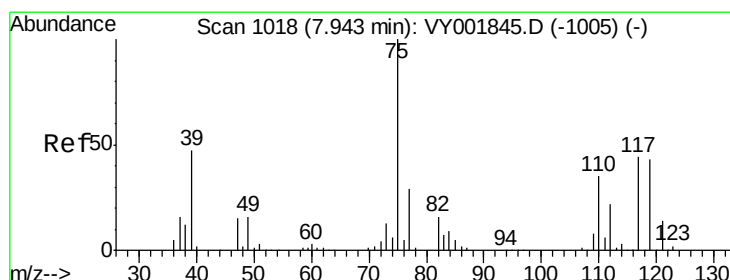
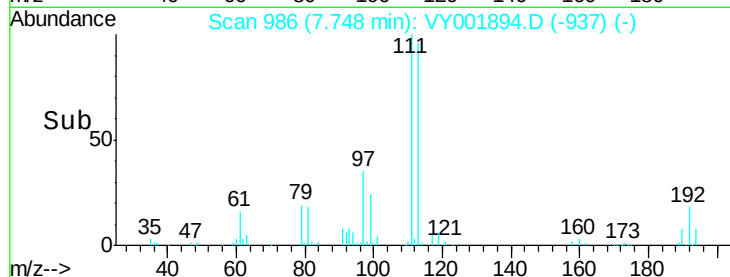
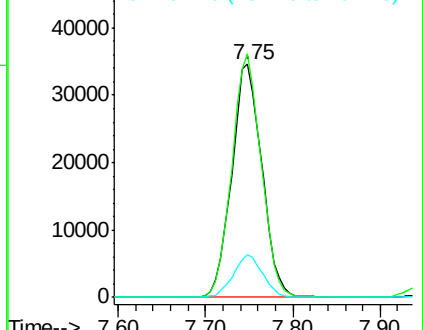
3/9/2020 11:41:03 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.422 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

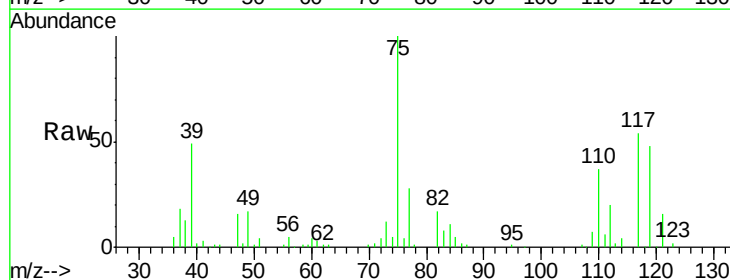
Tgt Ion: 75 Resp: 55976

Ion Ratio Lower Upper

75 100

110 35.9 17.4 52.2

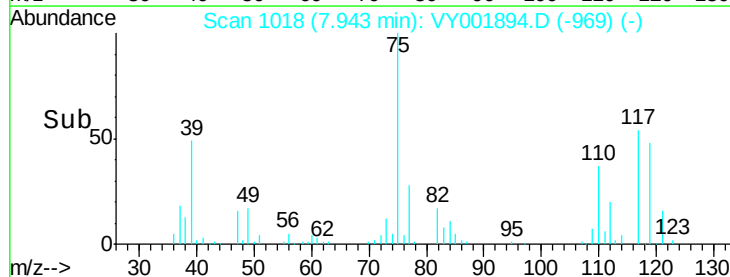
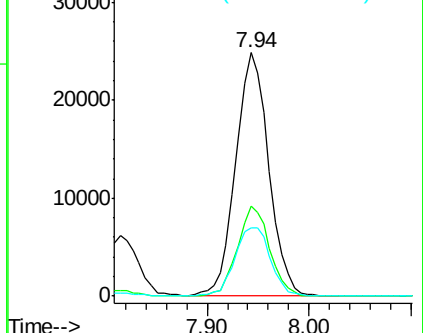
77 30.6 24.2 36.2

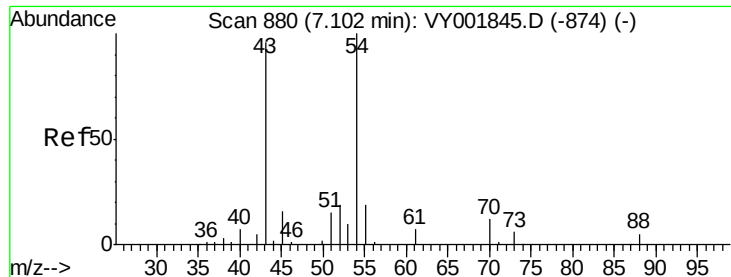


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





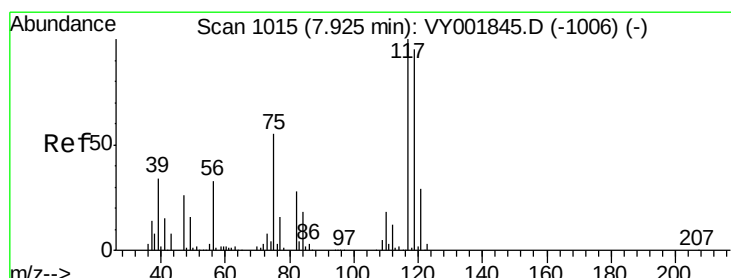
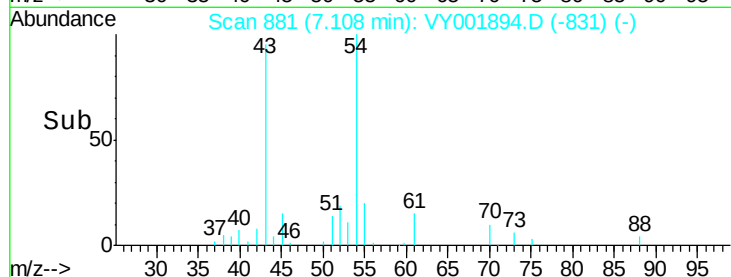
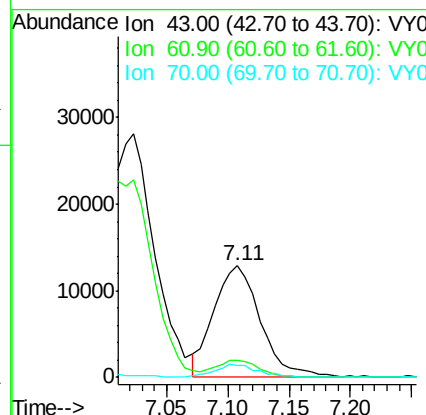
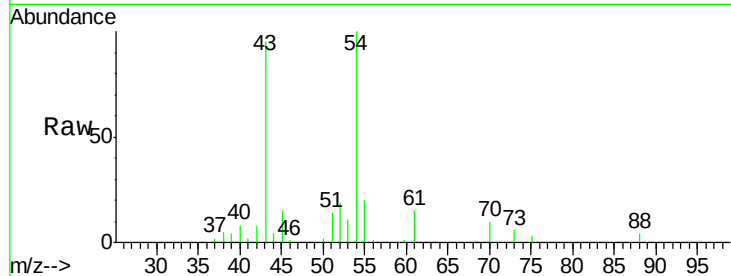
#37
Ethyl Acetate
Concen: 20.060 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.1	16.7
70	11.0	8.2	12.4

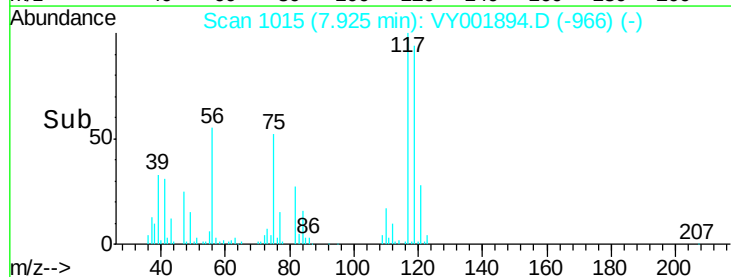
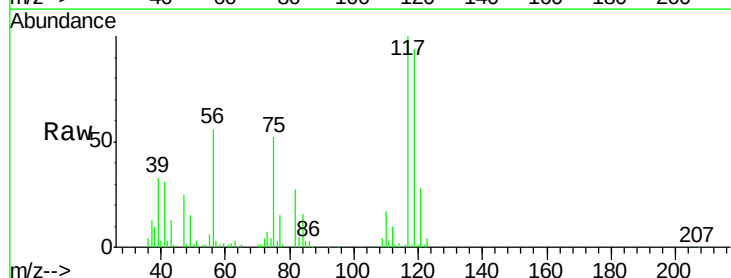
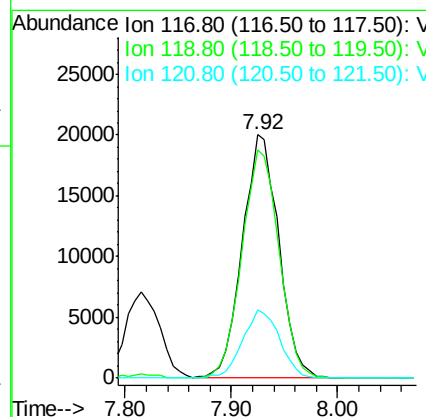
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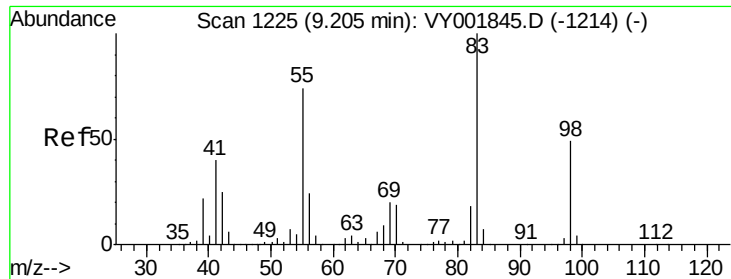
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#38
Carbon Tetrachloride
Concen: 19.580 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.3	114.5
121	27.9	23.5	35.3





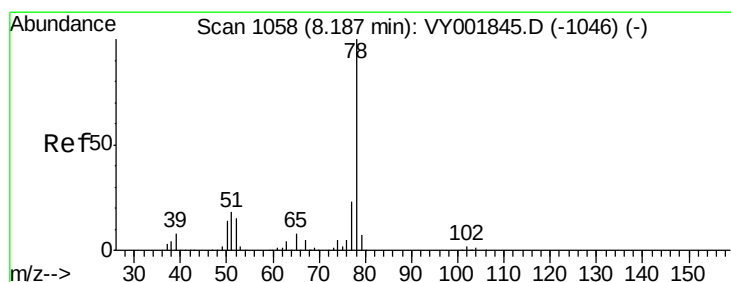
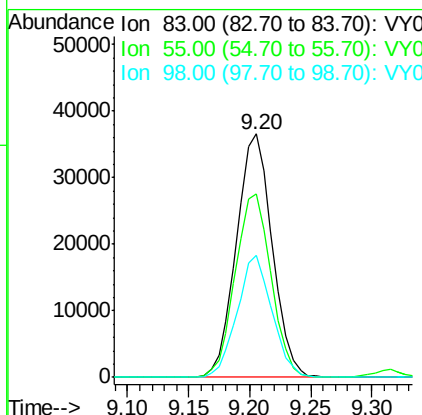
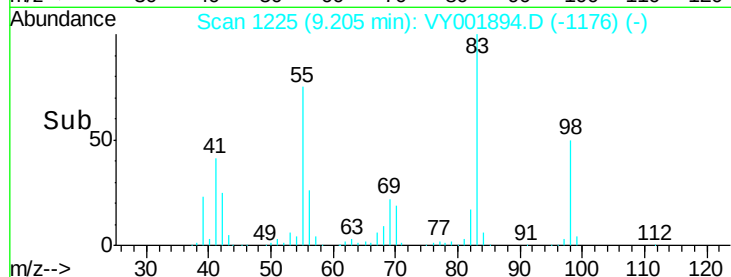
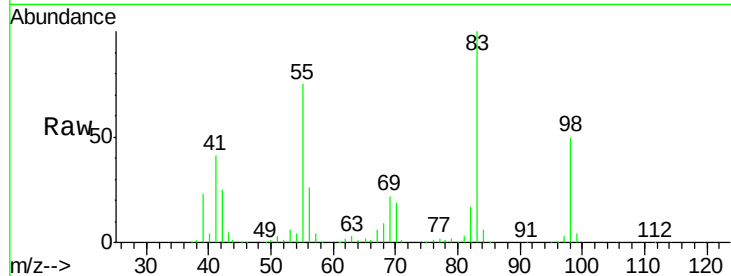
#39
Methylvlcyclohexane
Concen: 19.466 ug/l
RT: 9.20 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	59.4	89.0
98	50.1	38.9	58.3

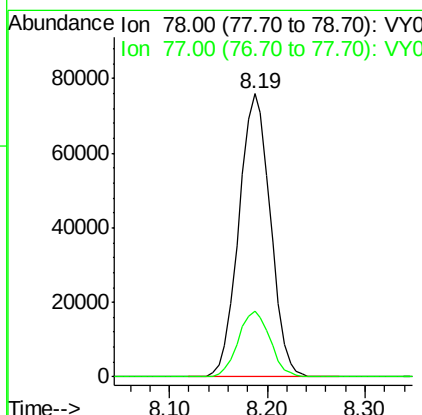
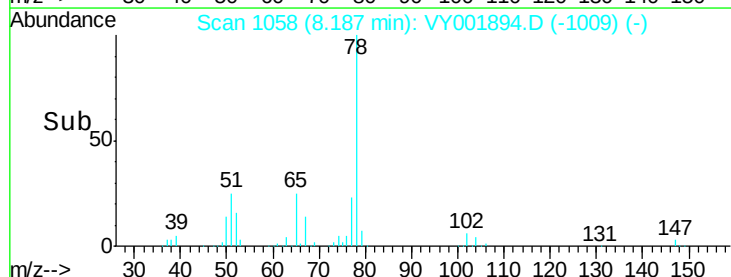
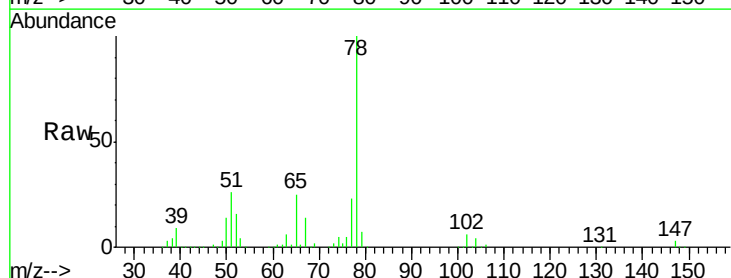
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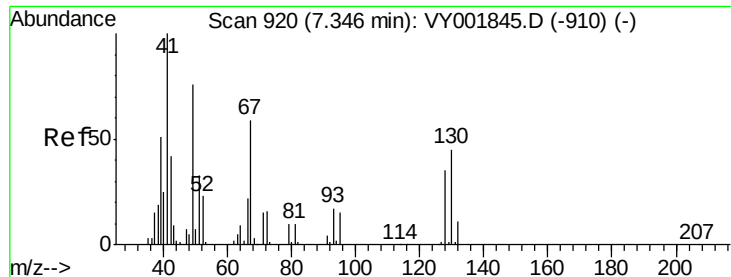
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#40
Benzene
Concen: 19.846 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





#41

Methacrylonitrile

Concen: 26.262 ug/l m

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 41 Resp: 19798

Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

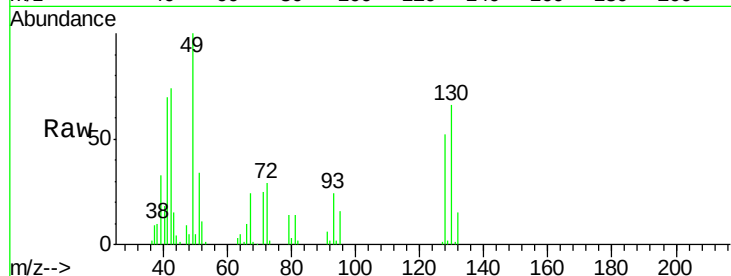
52 0.0 0.0 0.0

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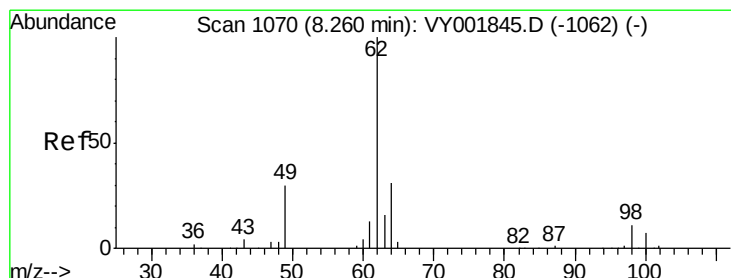
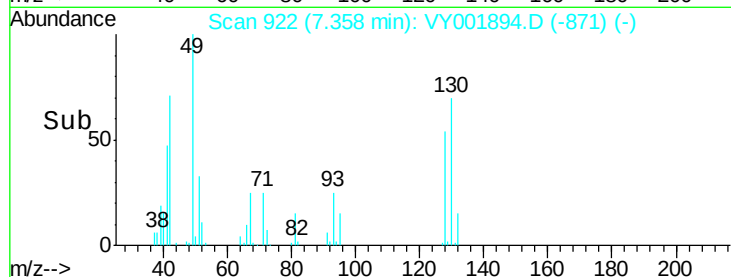
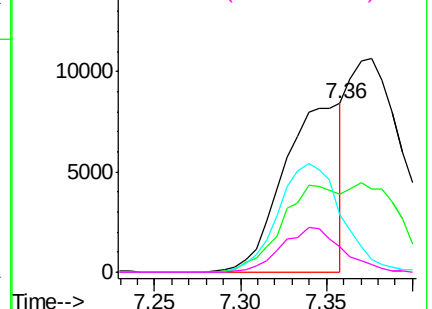


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.473 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VY001894.D

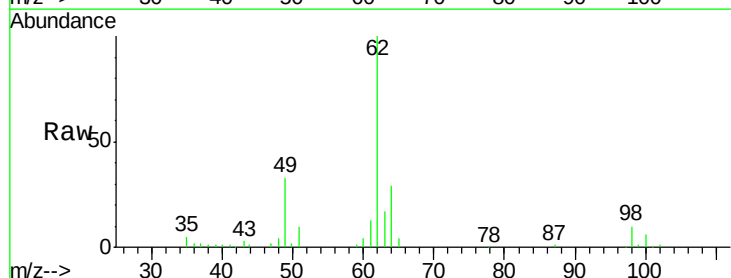
Acq: 06 Mar 2020 12:19

Tgt Ion: 62 Resp: 45067

Ion Ratio Lower Upper

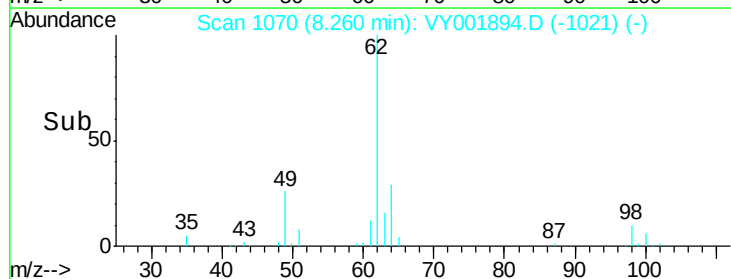
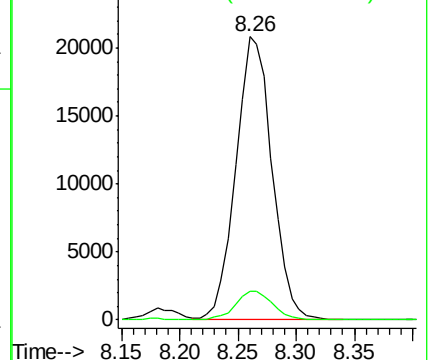
62 100

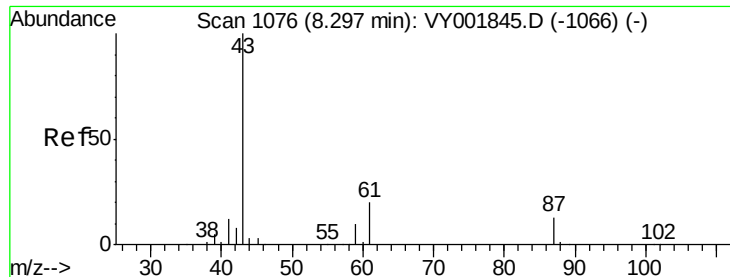
98 10.5 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





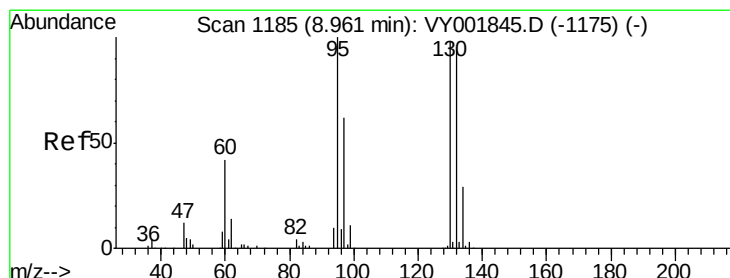
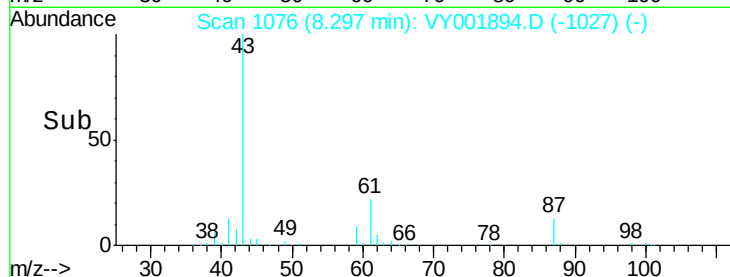
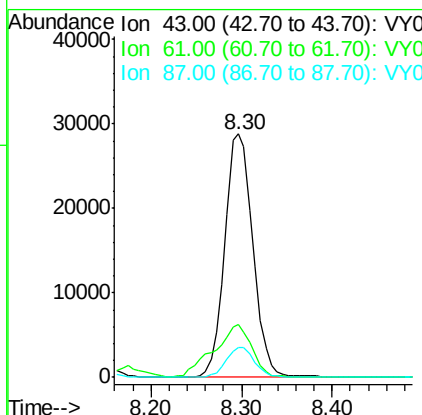
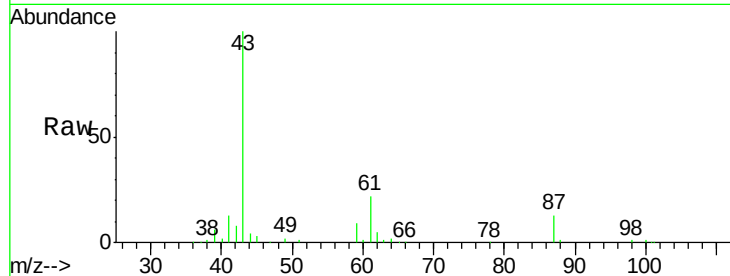
#43
Isopropyl Acetate
Concen: 19.565 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.8	35.6
87	12.4	10.9	16.3

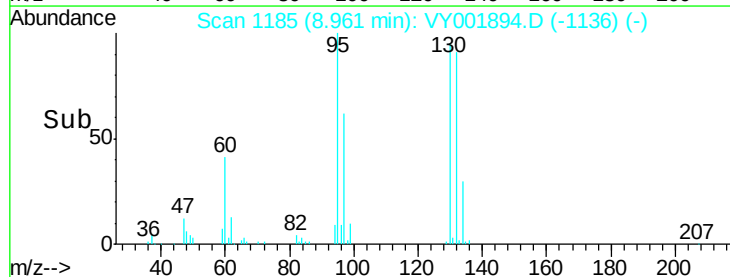
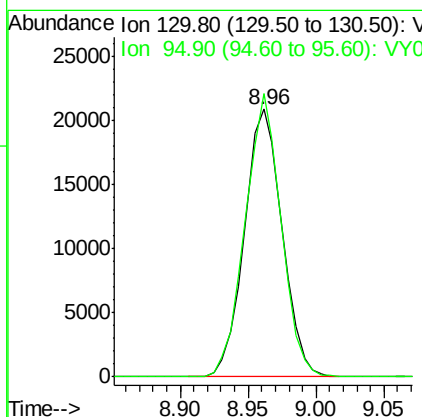
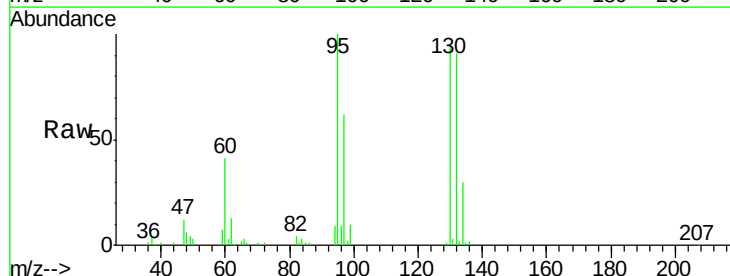
Manual Integrations
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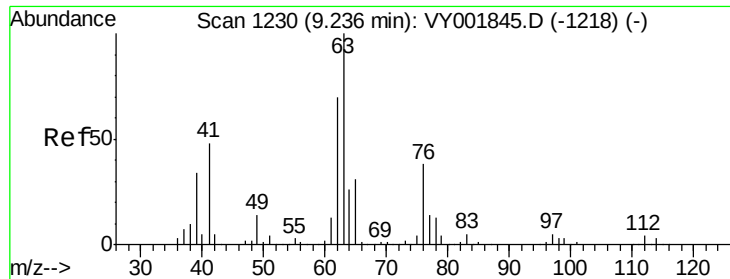
MMDadoda
3/9/2020 11:41:03 AM



#44
Trichloroethene
Concen: 19.541 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	204.6





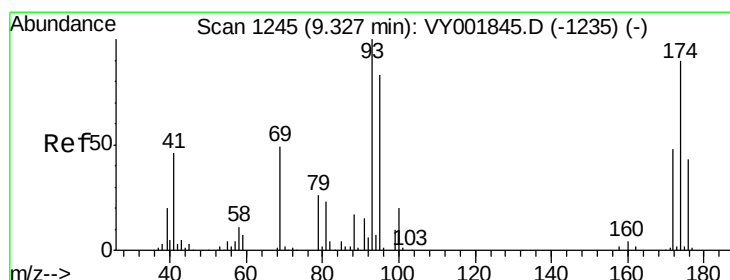
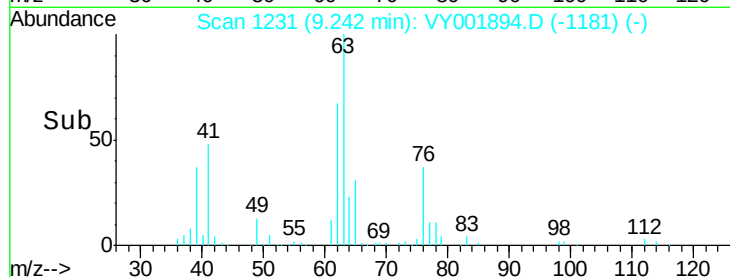
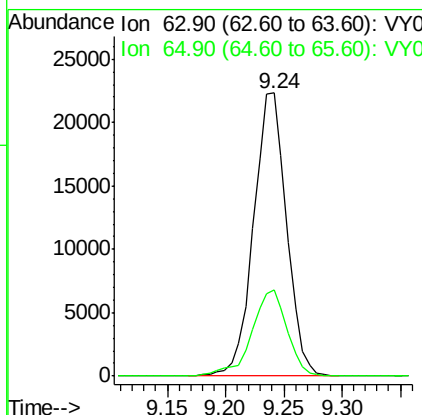
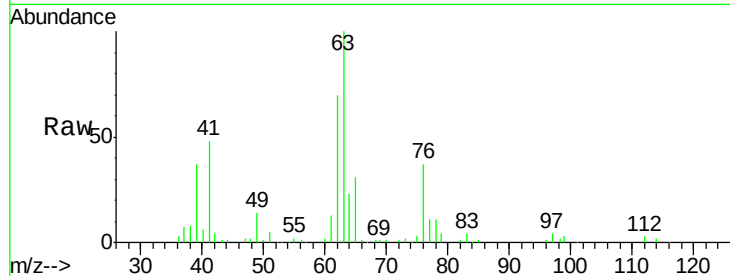
#45
 1,2-Dichloropropane
 Concen: 20.424 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Tot Ion: 63 Resp: 43859
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.9 37.3

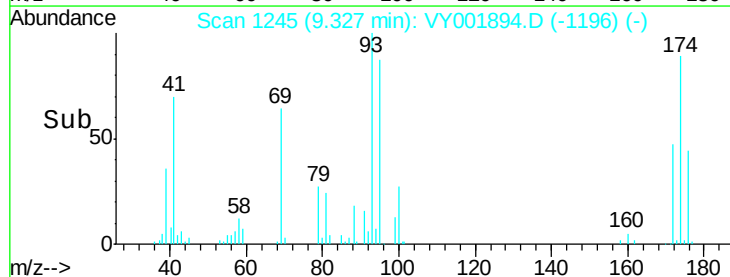
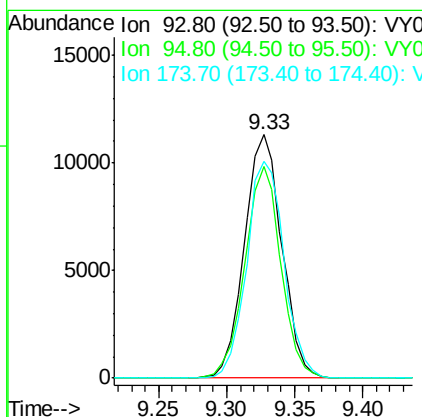
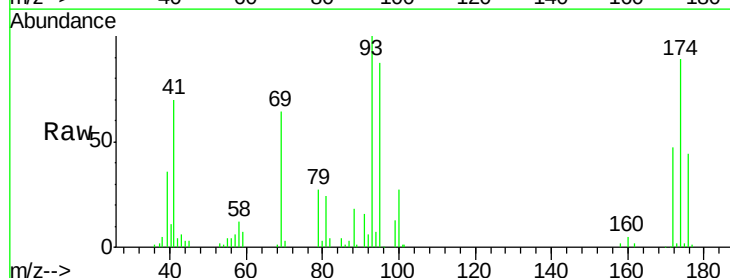
Manual Integrations
 APPROVED

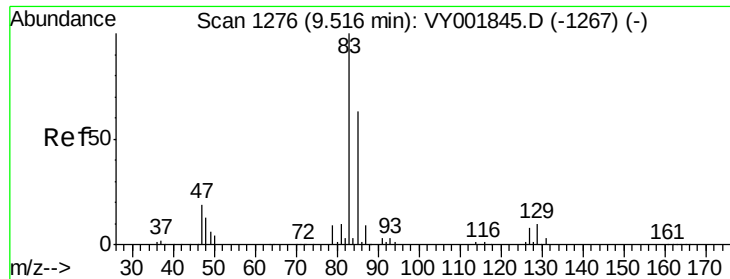
MMDadoda
 3/9/2020 11:41:03 AM



#46
 Dibromomethane
 Concen: 19.667 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion: 93 Resp: 21765
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.4
 174 89.2 71.8 107.8





#47

Bromodichloromethane

Concen: 20.188 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

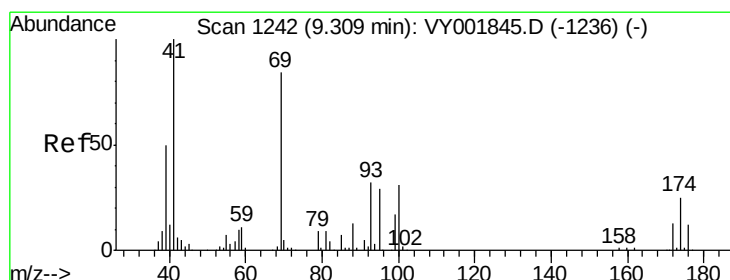
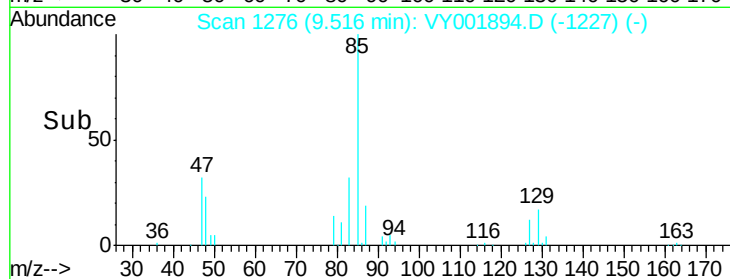
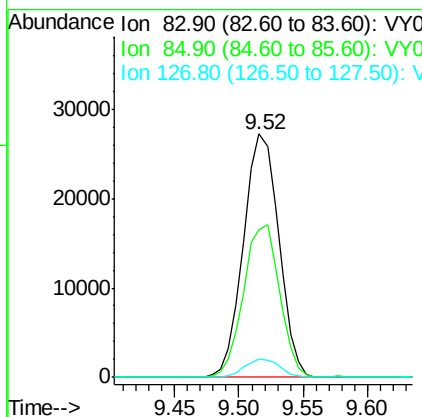
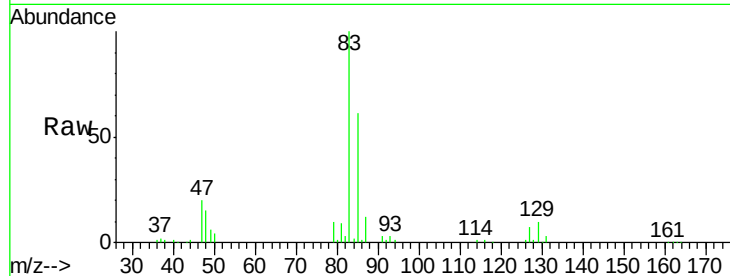
ClientSampleId :

VY0306SBS01

Tot Ion:	83	Resp:	51969
Ion	Ratio	Lower	Upper
83	100		
85	60.6	50.6	76.0
127	7.3	6.2	9.4

Manual Integrations
APPROVED

MMDadoda
3/9/2020 11:41:03 AM



#48

Methyl methacrylate

Concen: 20.333 ug/l

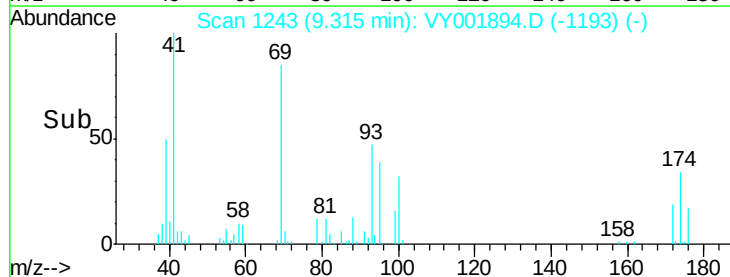
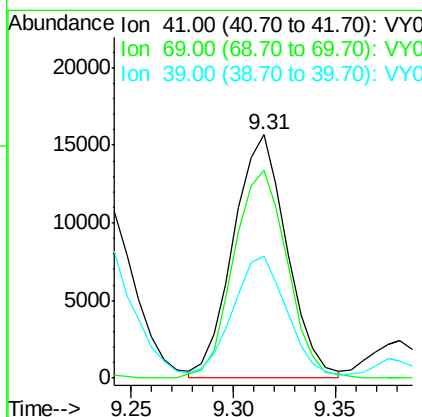
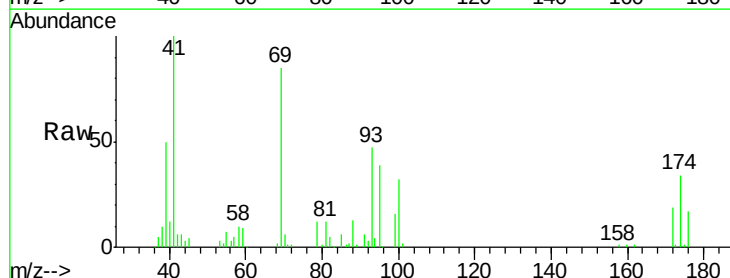
RT: 9.31 min Scan# 1243

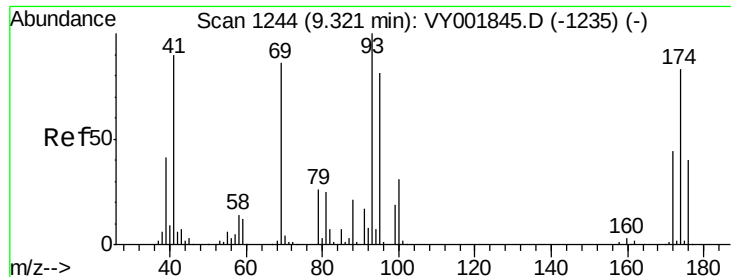
Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Tgt Ion:	41	Resp:	28614
Ion	Ratio	Lower	Upper
41	100		
69	85.3	69.0	103.6
39	51.1	39.1	58.7





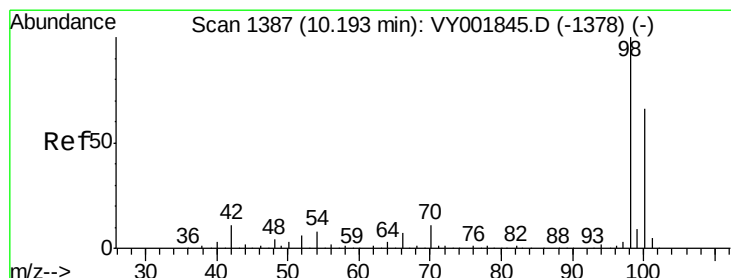
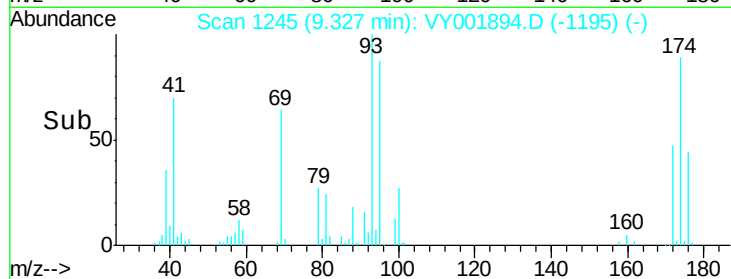
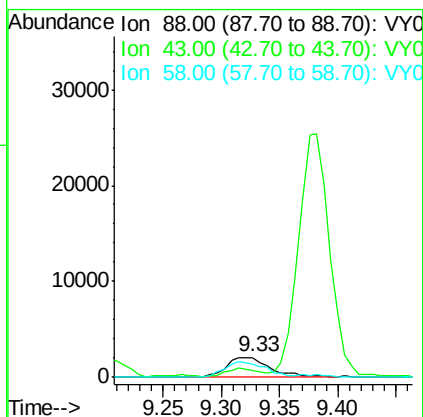
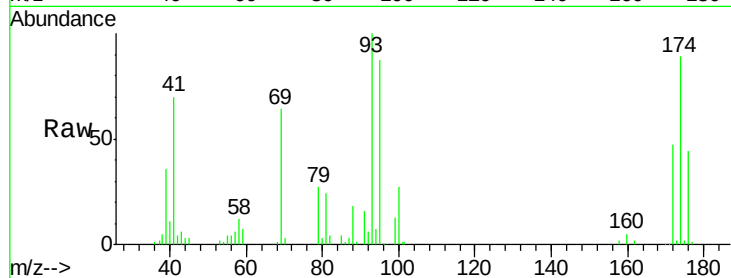
#49
1,4-Dioxane
Concen: 359.013 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	88	Resp	5444
Ion	Ratio	Lower	Upper
88	100		
43	30.4	25.0	37.6
58	74.3	58.9	88.3

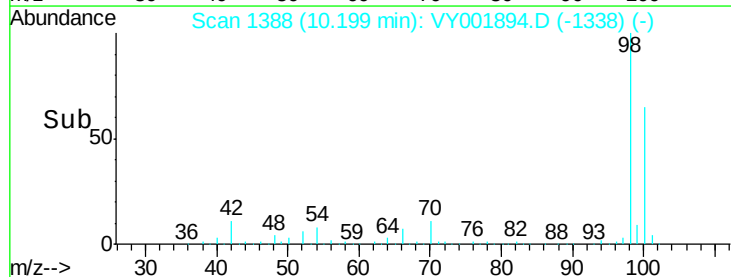
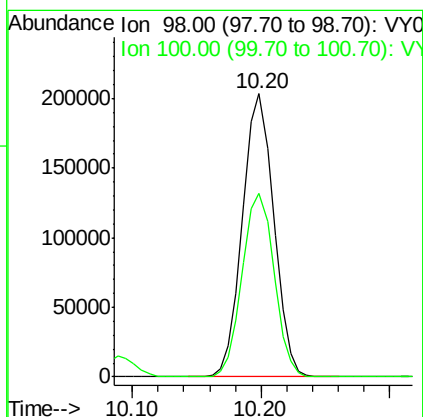
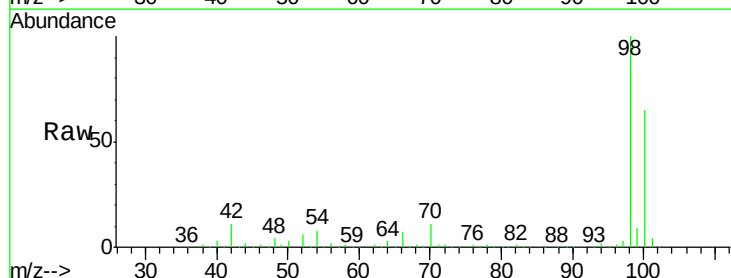
Manual Integrations
APPROVED

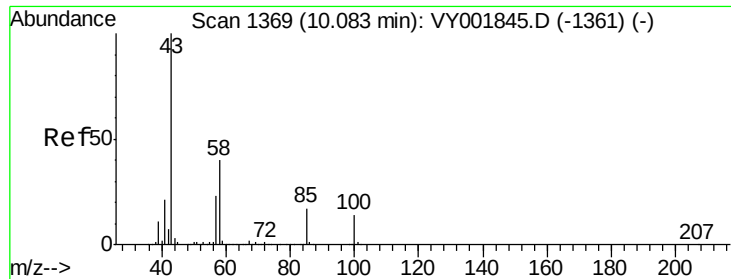
MMDadoda
3/9/2020 11:41:03 AM



#50
Toluene-d8
Concen: 49.731 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	98	Resp	342958
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 103.566 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 43 Resp: 169177

Ion Ratio Lower Upper

43 100

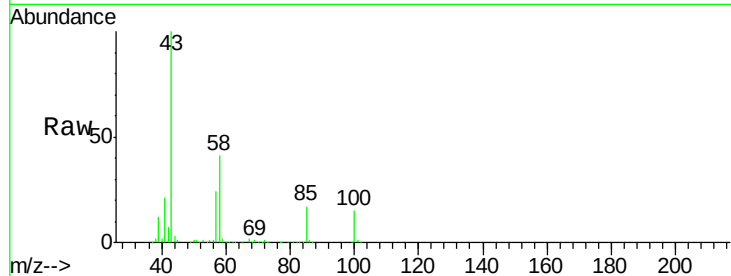
58 40.1 32.0 48.0

Manual Integrations

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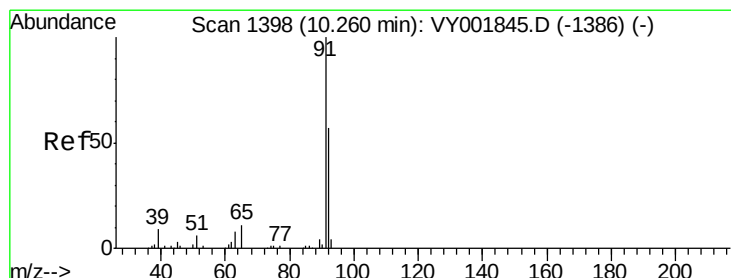
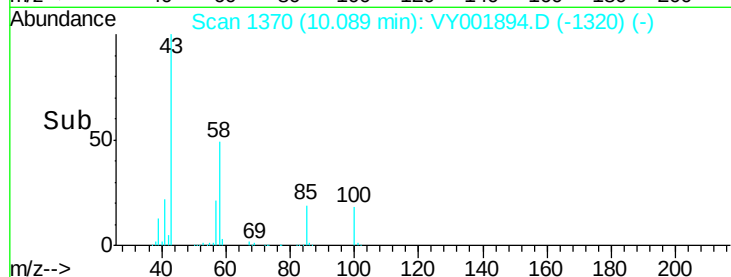
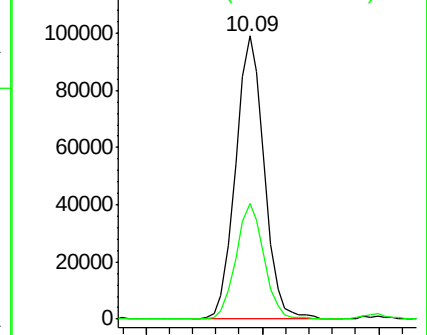
MMDadoda

3/9/2020 11:41:03 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 19.976 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VY001894.D

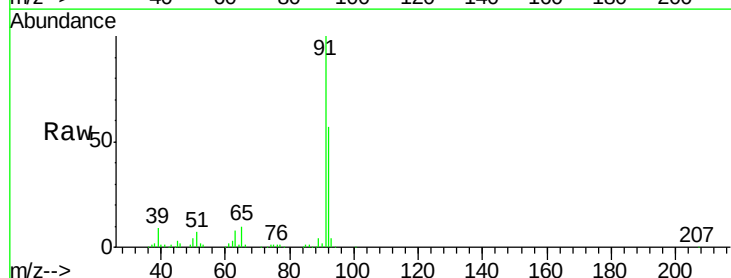
Acq: 06 Mar 2020 12:19

Tgt Ion: 92 Resp: 103667

Ion Ratio Lower Upper

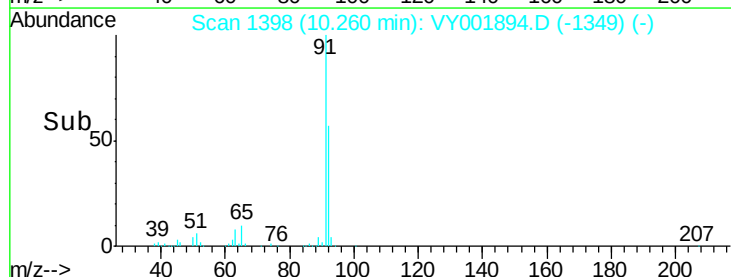
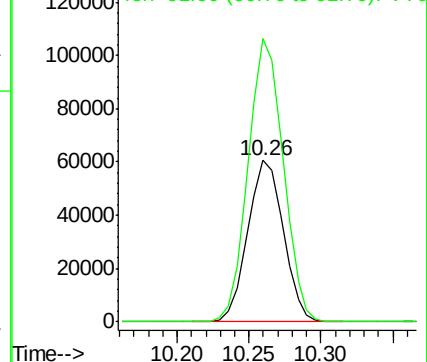
92 100

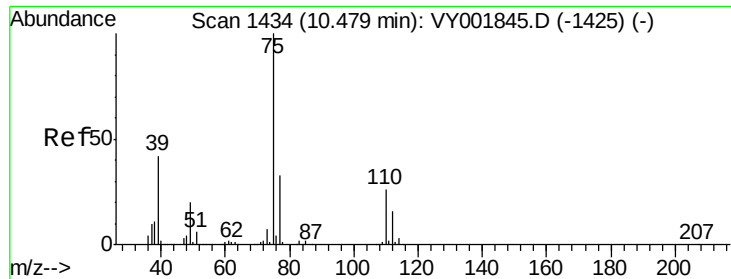
91 172.8 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





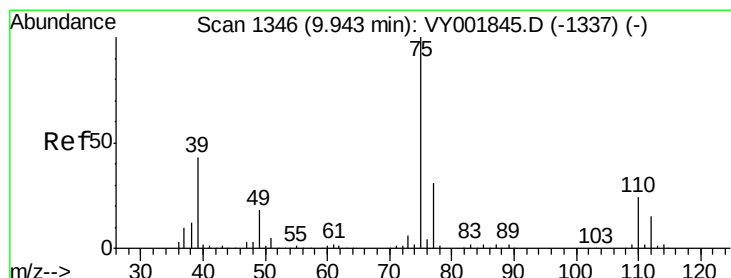
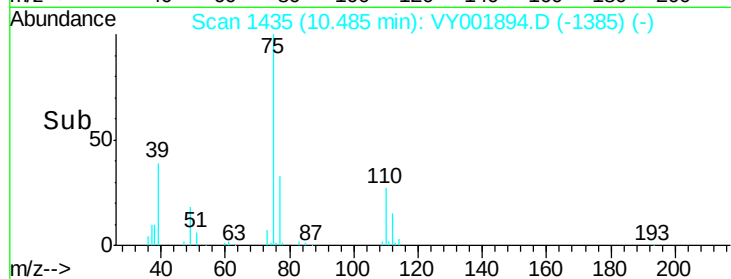
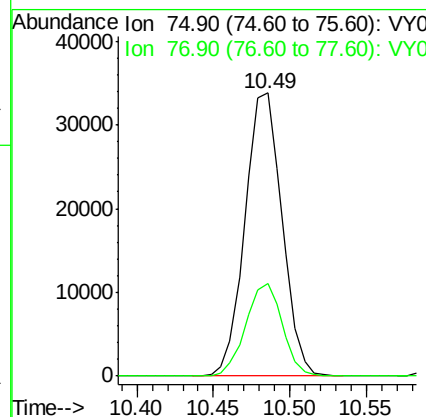
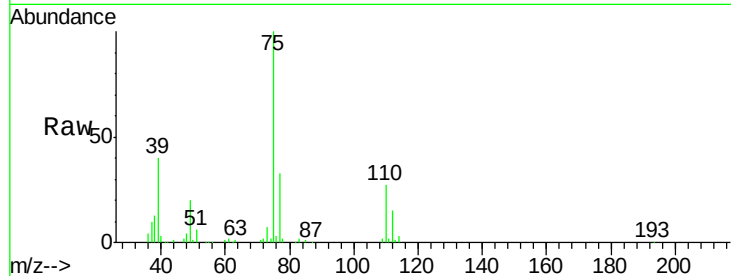
#53
 t-1,3-Dichloropropene
 Concen: 20.320 ug/l
 RT: 10.49 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.3	39.5

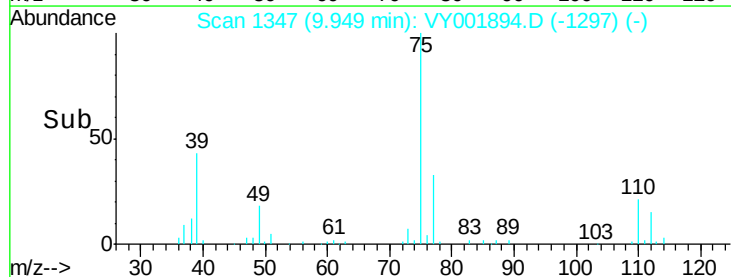
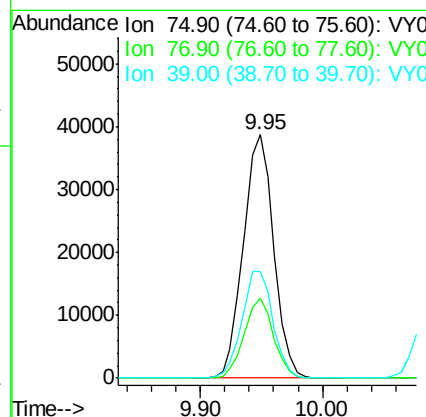
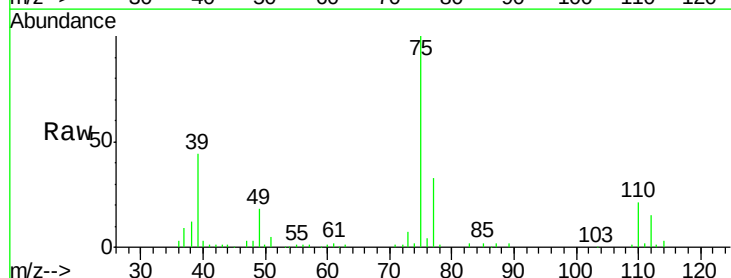
Manual Integrations
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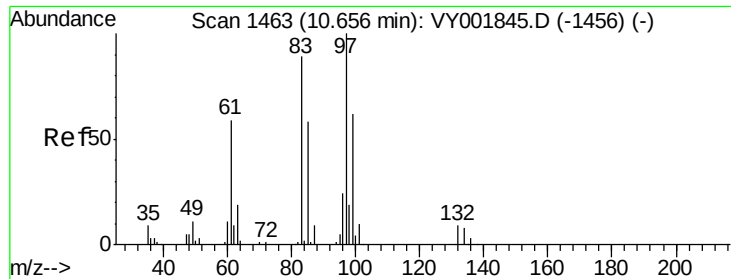
MMDadoda
 3/9/2020 11:41:03 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.943 ug/l
 RT: 9.95 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.1	37.7
39	43.9	34.7	52.1





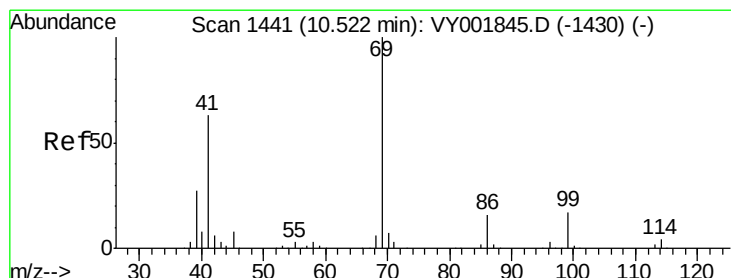
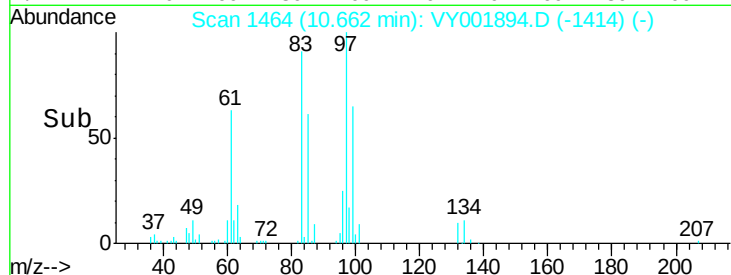
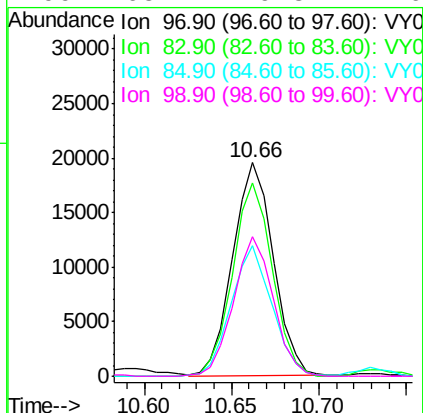
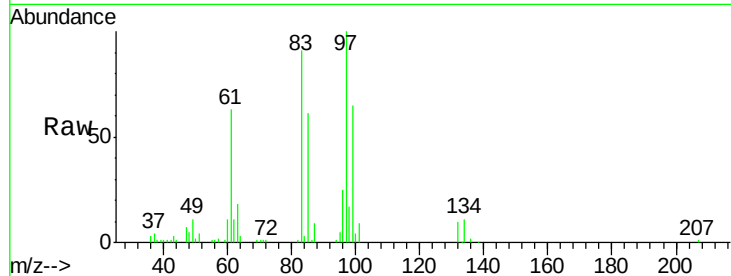
#55
 1,1,2-Trichloroethane
 Concen: 19.500 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	91.0	71.6	107.4
85	60.6	46.6	69.8
99	65.7	49.8	74.6

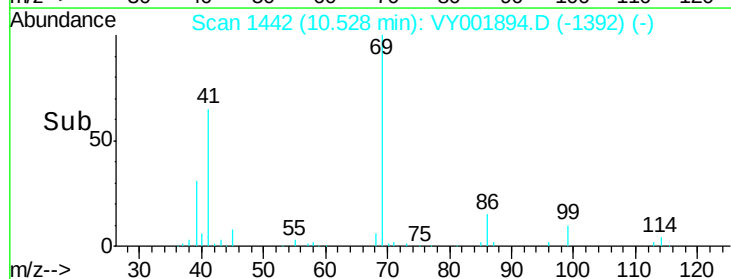
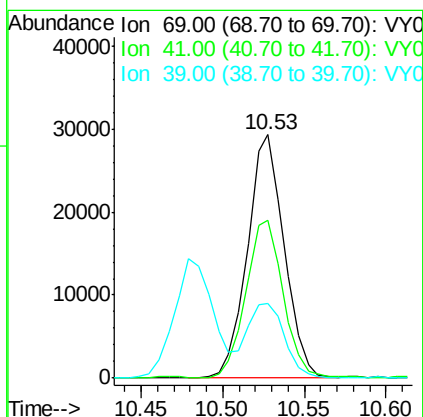
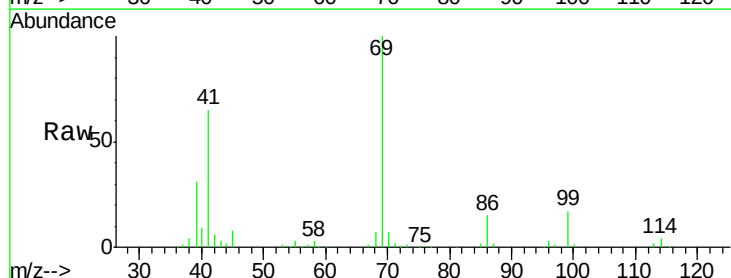
Manual Integrations
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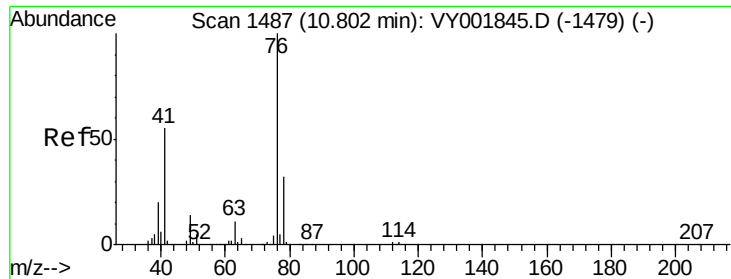
MMDadoda
 3/9/2020 11:41:03 AM



#56
 Ethyl methacrylate
 Concen: 19.375 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.7	49.9	74.9
39	31.8	23.0	34.6





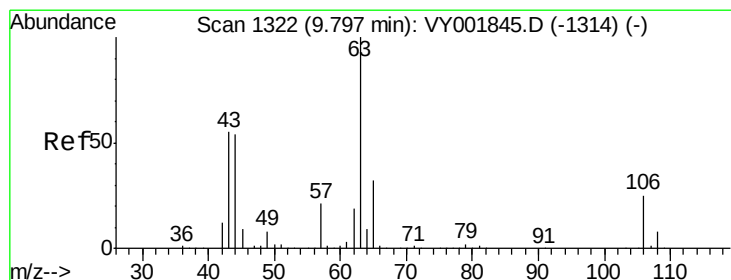
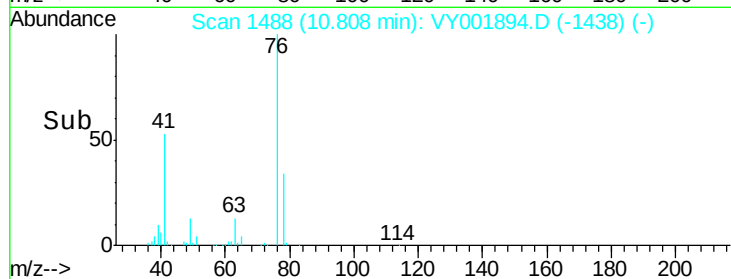
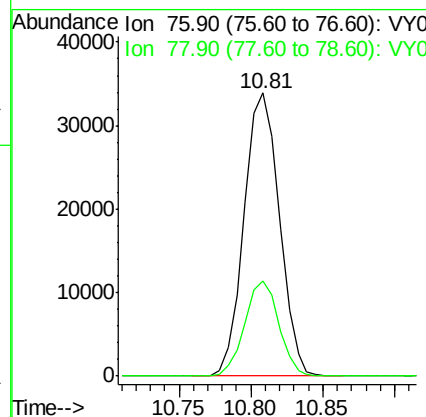
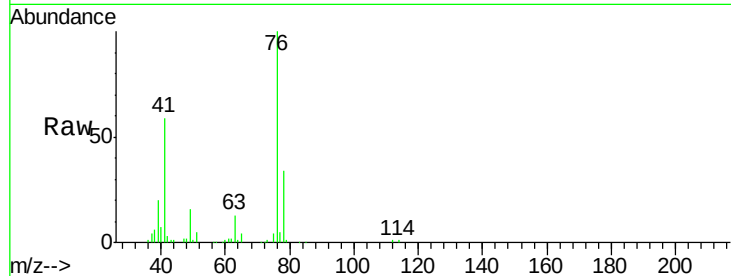
#57
 1,3-Dichloropropane
 Concen: 20.011 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Tot Ion: 76 Resp: 57771
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6

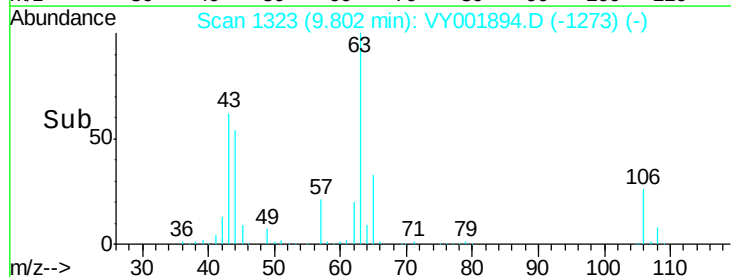
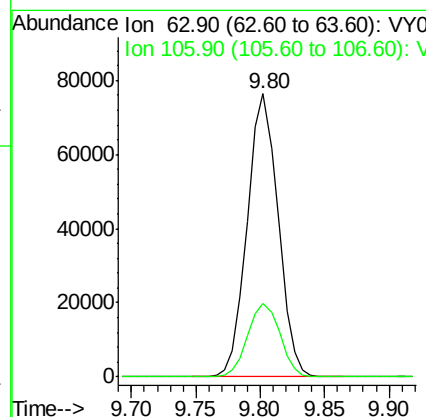
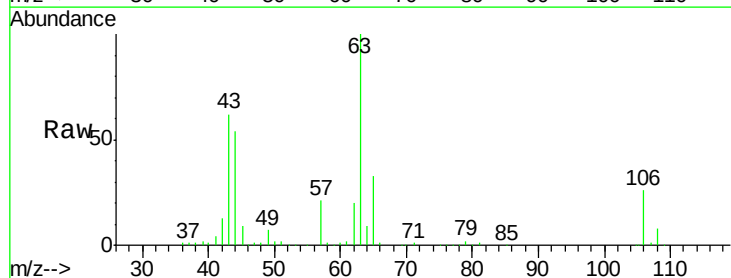
Manual Integrations
 APPROVED

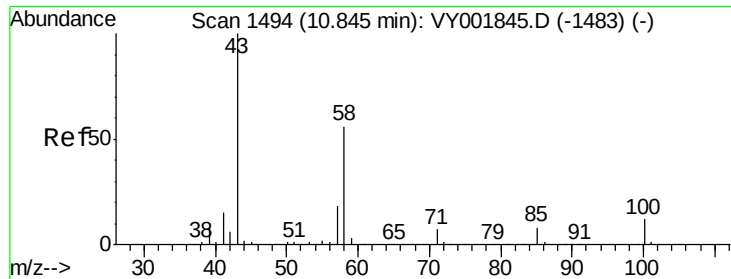
MMDadoda
 3/9/2020 11:41:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 137.947 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion: 63 Resp: 126433
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.3 31.9





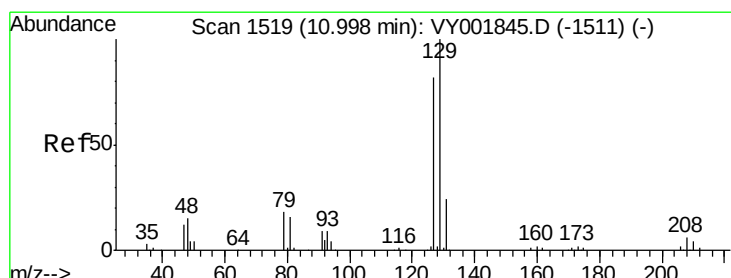
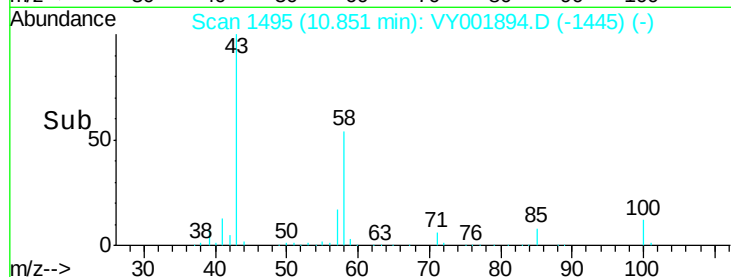
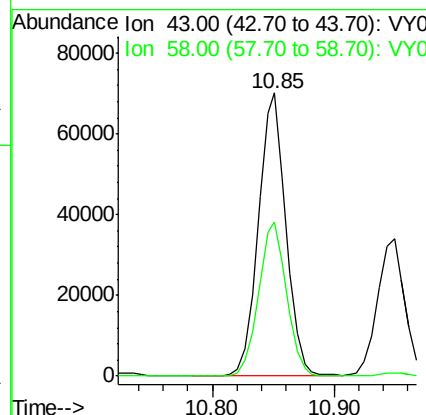
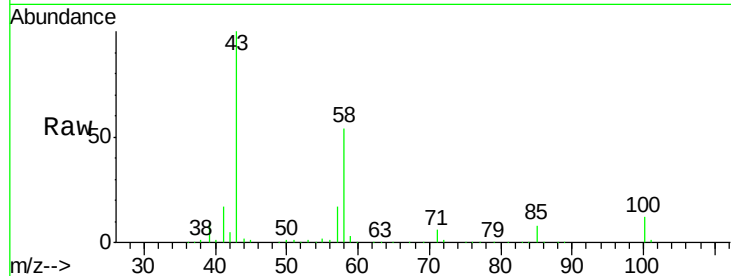
#59
2-Hexanone
Concen: 94.168 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	28.1	84.3

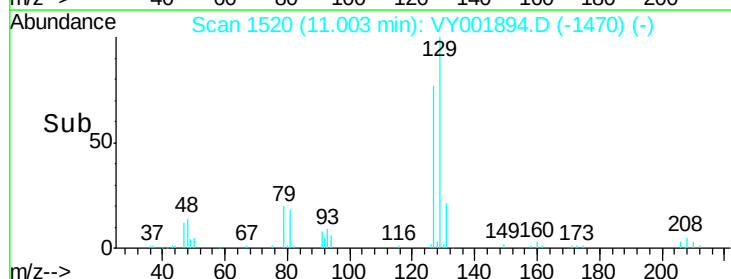
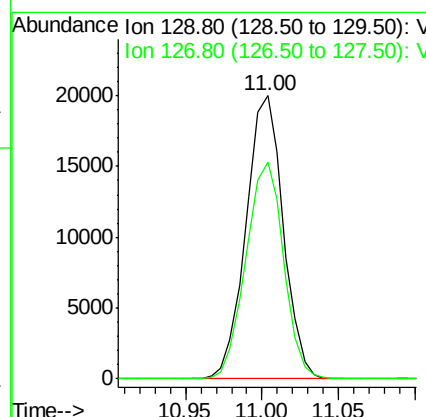
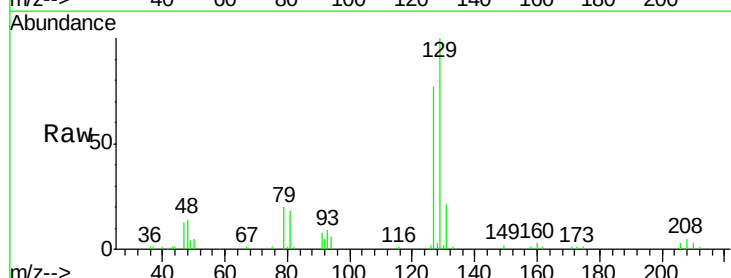
Manual Integrations
APPROVED

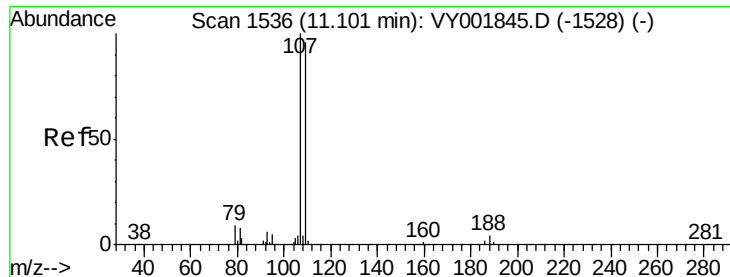
MMDadoda
3/9/2020 11:41:03 AM



#60
Dibromochloromethane
Concen: 19.809 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.0	117.0





#61

1,2-Dibromoethane

Concen: 19.341 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 107 Resp: 29672

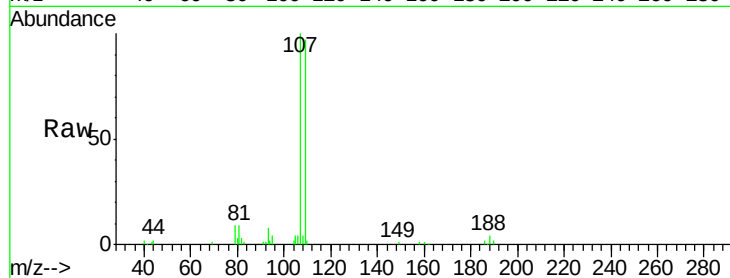
Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.0

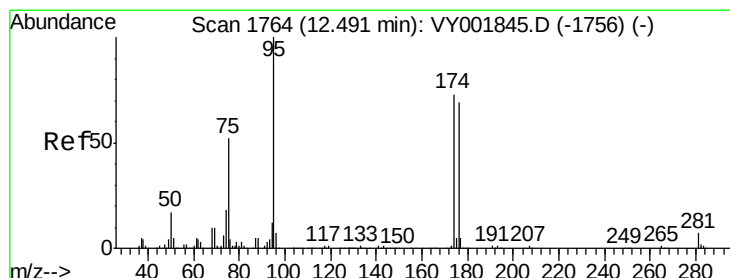
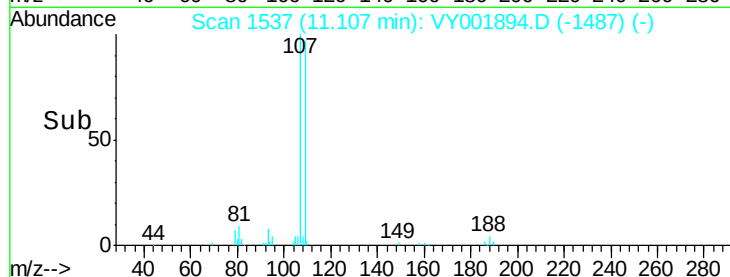
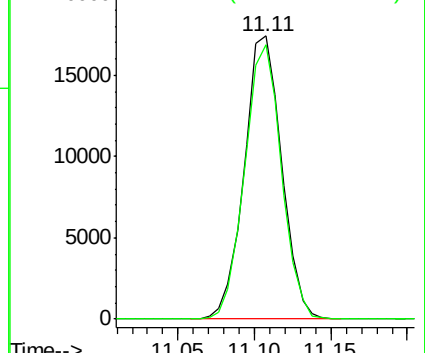
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.931 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

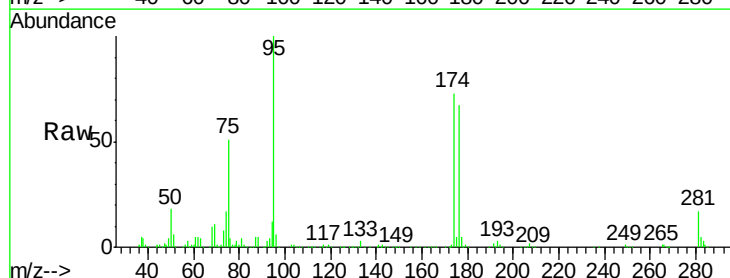
Tgt Ion: 95 Resp: 117333

Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.0

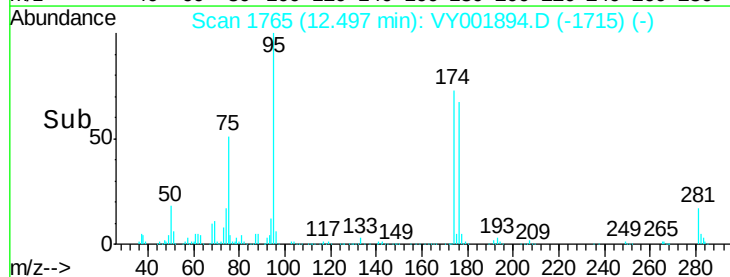
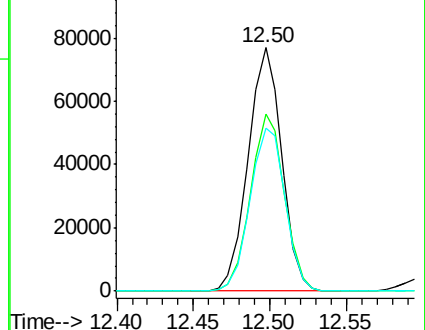
176 70.4 0.0 137.4

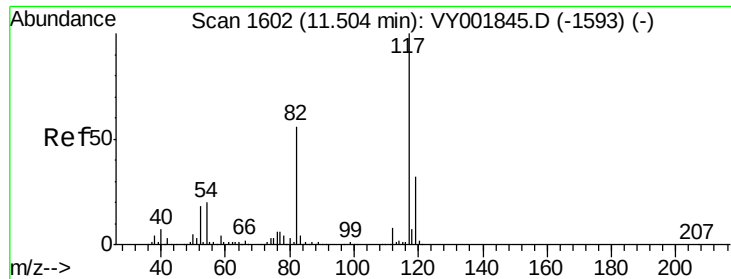


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





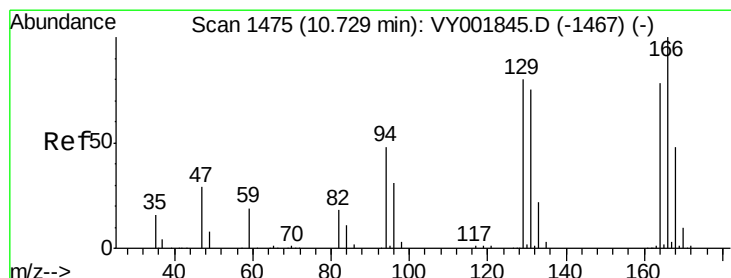
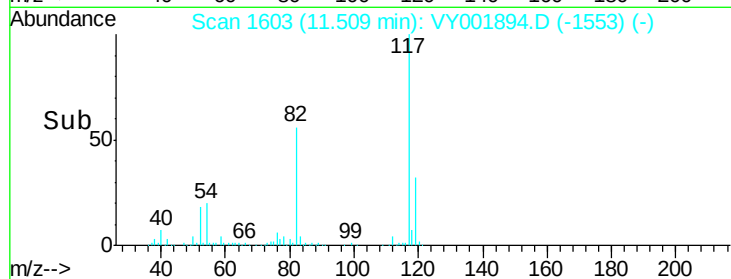
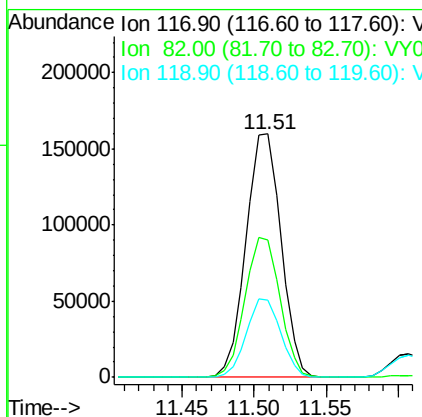
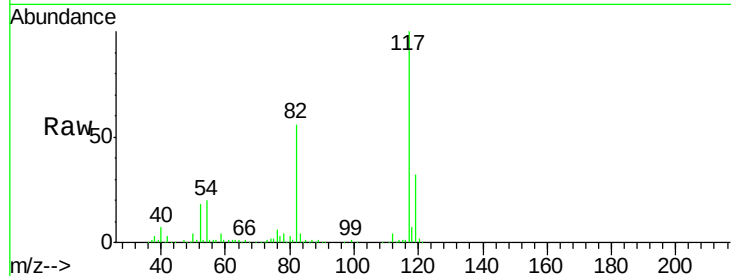
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.5	66.7
119	31.9	25.7	38.5

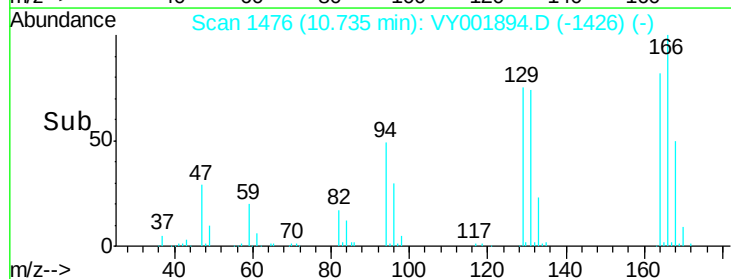
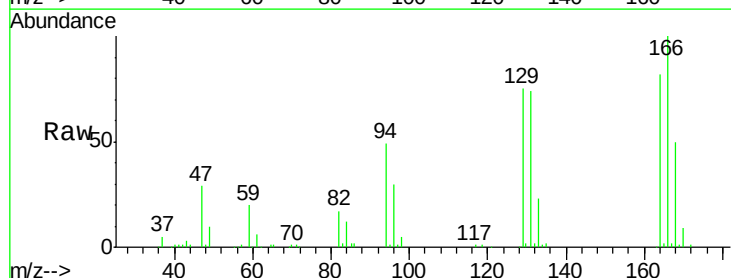
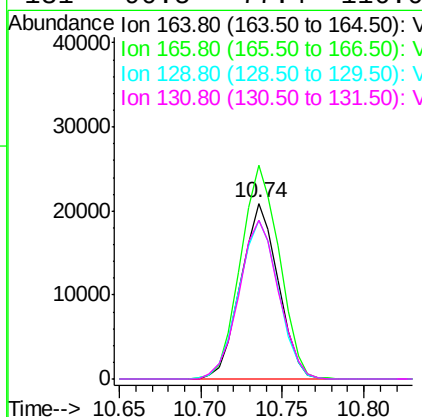
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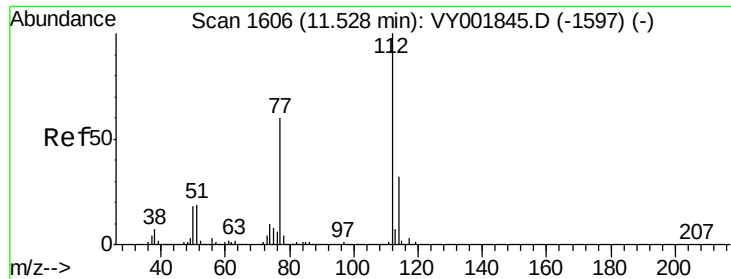
MMDadoda
3/9/2020 11:41:03 AM



#64
Tetrachloroethene
Concen: 19.800 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	102.6	154.0
129	90.7	82.3	123.5
131	90.5	77.4	116.0





#65

Chlorobenzene

Concen: 19.748 ug/l

RT: 11.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion:112 Resp: 106029

Ion Ratio Lower Upper

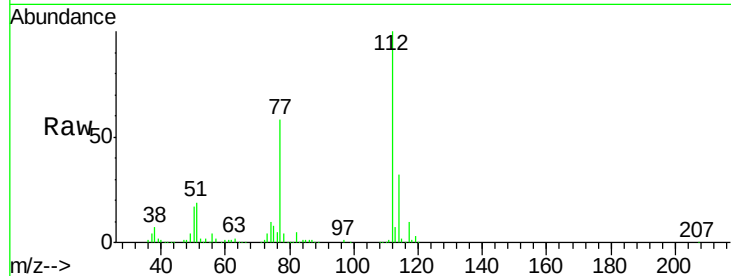
112 100

114 32.3 25.9 38.9

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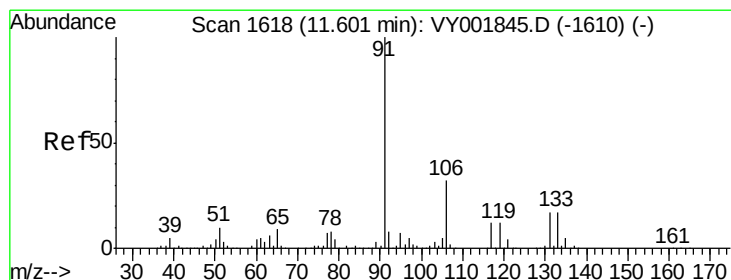
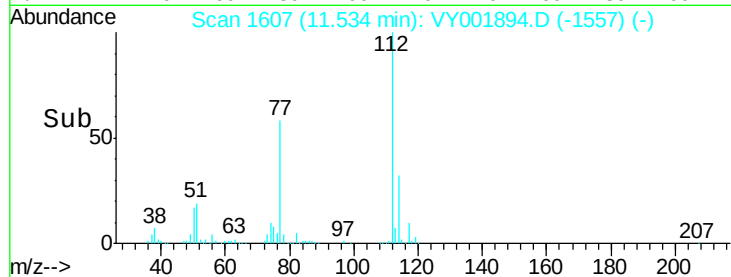
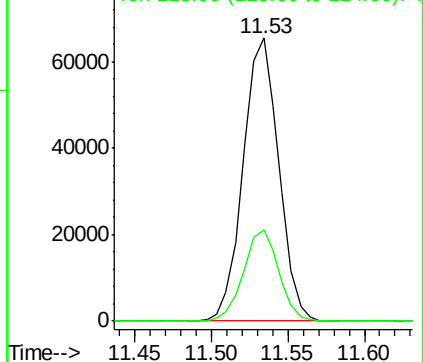
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.969 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

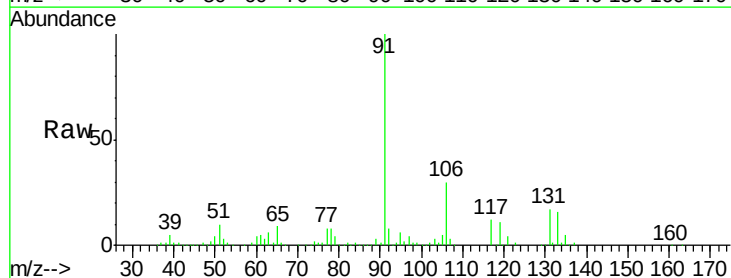
Tgt Ion:131 Resp: 35160

Ion Ratio Lower Upper

131 100

133 95.9 47.1 141.3

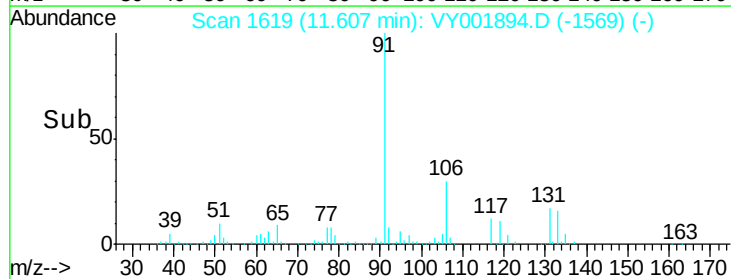
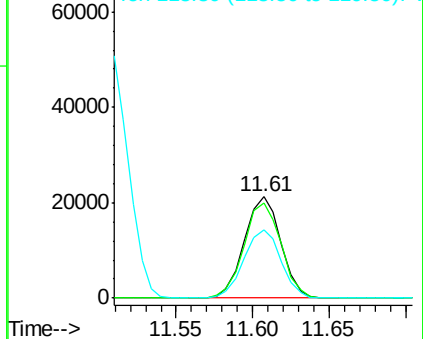
119 68.7 34.5 103.6

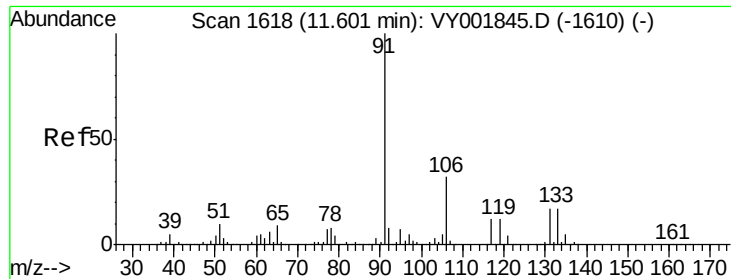


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





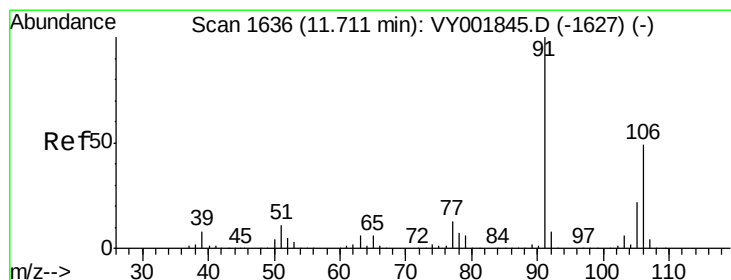
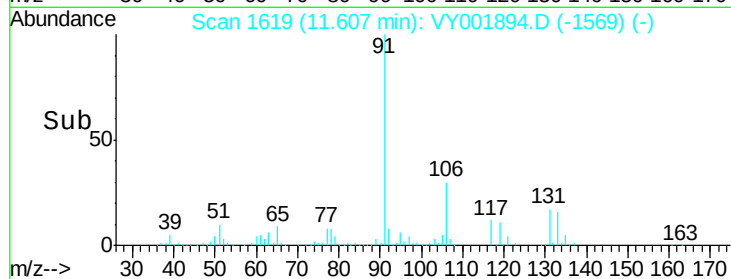
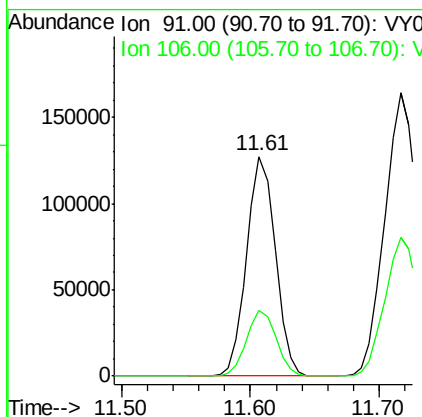
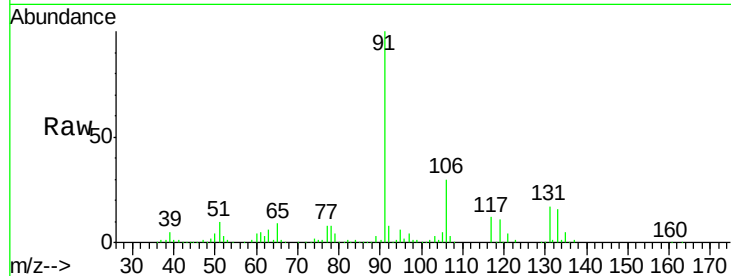
#67
Ethyl Benzene
Concen: 19.568 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	91.00	Resp	195948
Ion Ratio	Lower	Upper	
91	100		
106	30.2	25.4	38.2

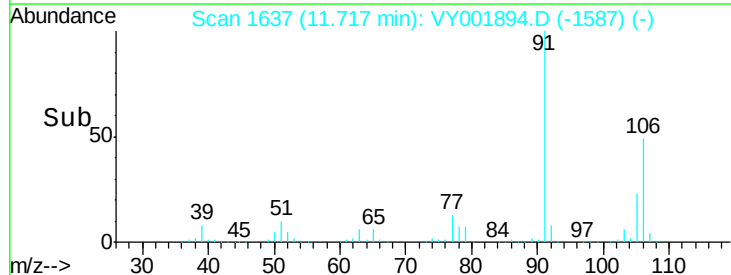
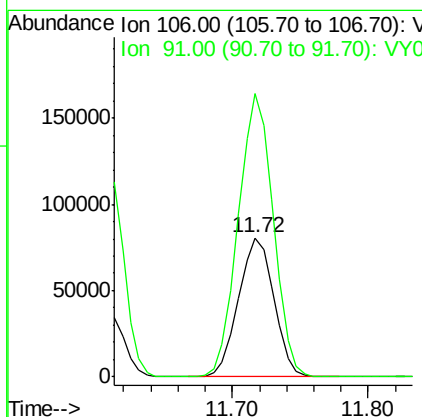
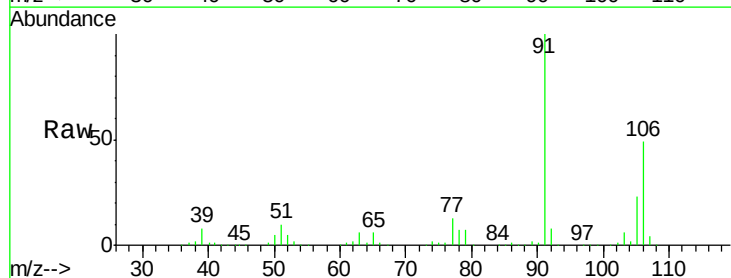
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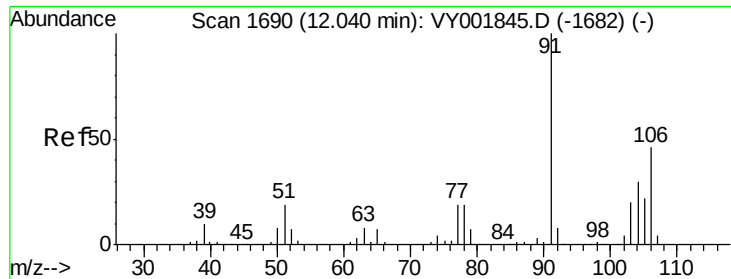
MMDadoda
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#68
m/p-Xylenes
Concen: 39.622 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	106	Resp	146684
Ion Ratio	Lower	Upper	
106	100		
91	200.8	161.3	241.9





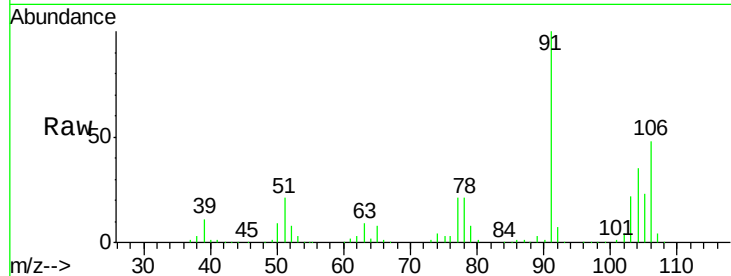
#69
o-Xylene
Concen: 19.774 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

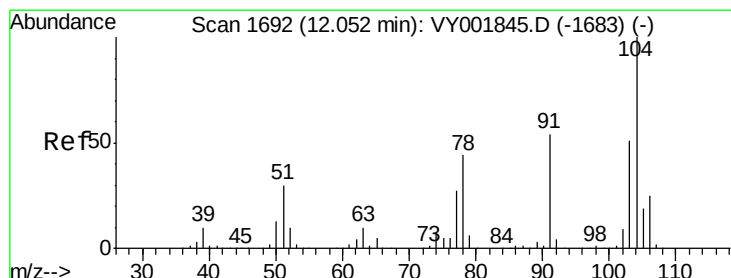
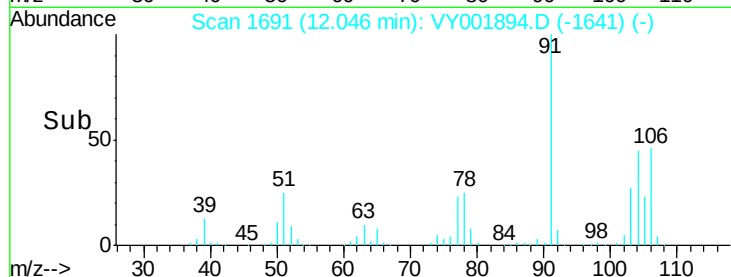
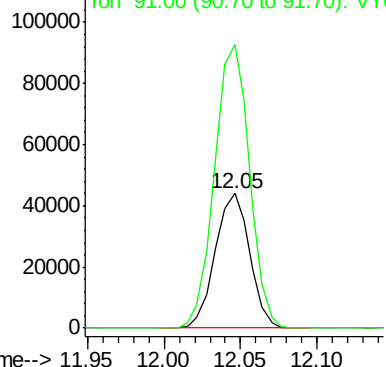
Tot Ion:106 Resp: 68998
Ion Ratio Lower Upper
106 100
91 213.2 106.8 320.4

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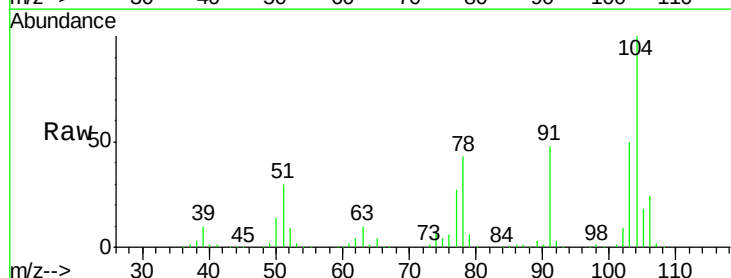


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

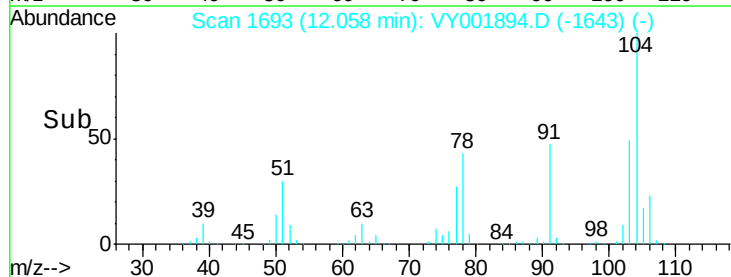
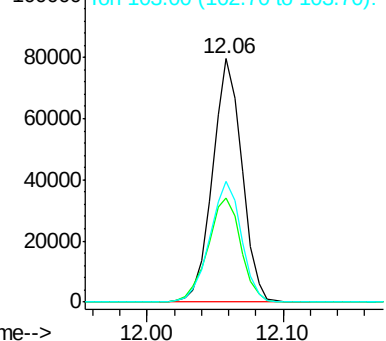


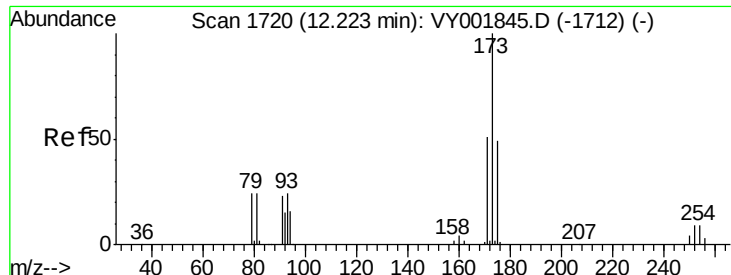
#70
Styrene
Concen: 20.067 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion:104 Resp: 119926
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 53.4 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





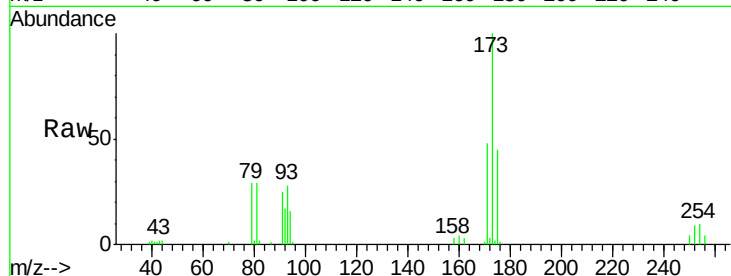
#71
Bromoform
Concen: 19.463 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.3	72.8
254	0.0	0.0	0.0

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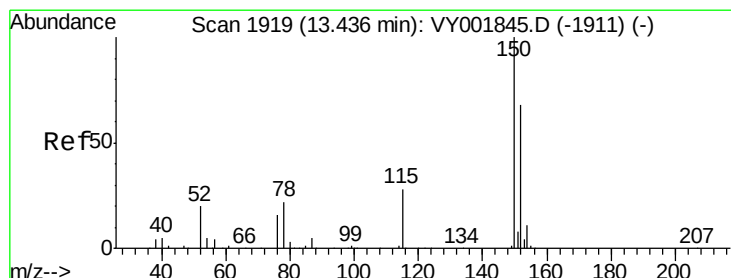
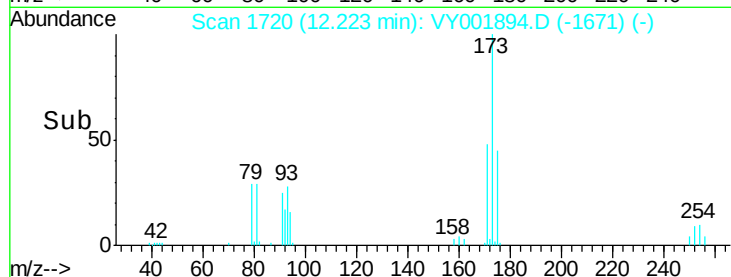
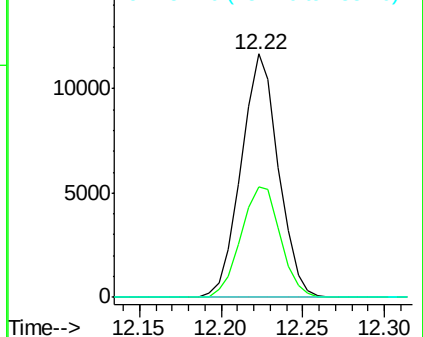


Abundance

Ion 172.70 (172.40 to 173.40): V

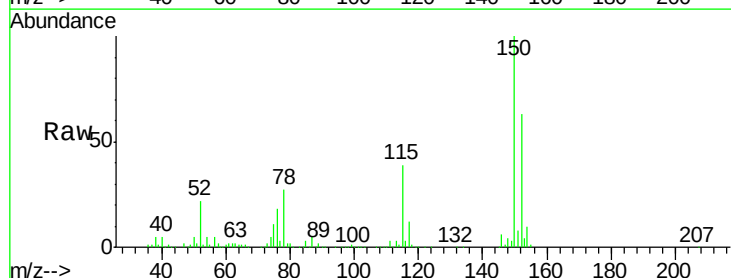
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	29.9	89.7
150	165.6	0.0	340.6

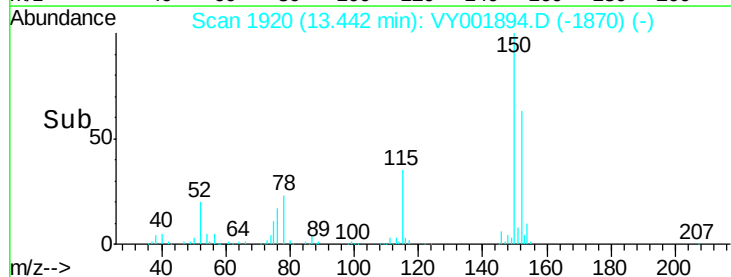
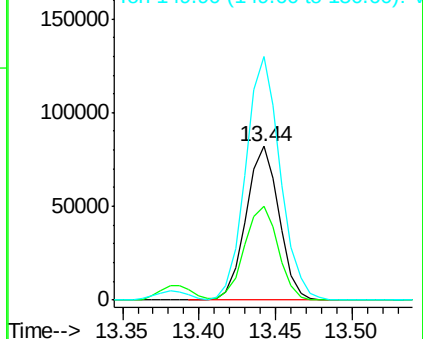


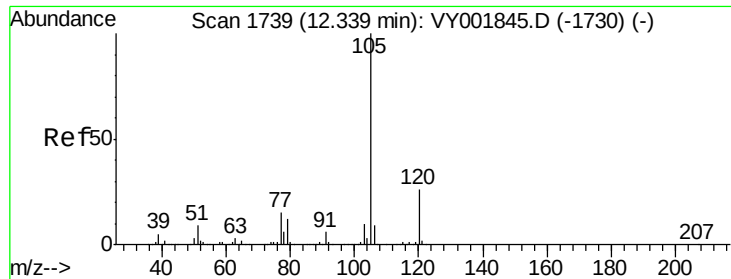
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





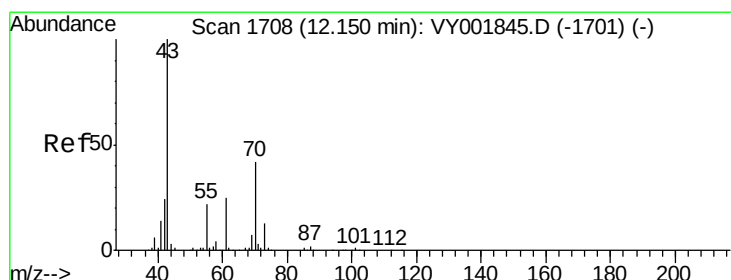
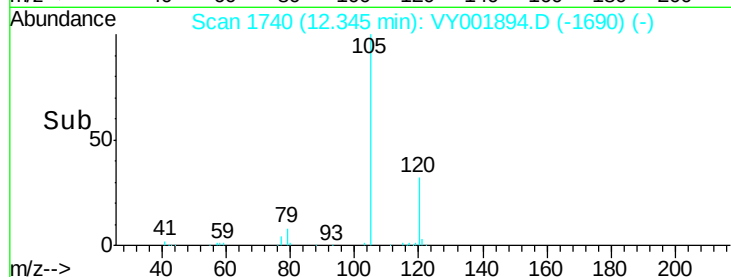
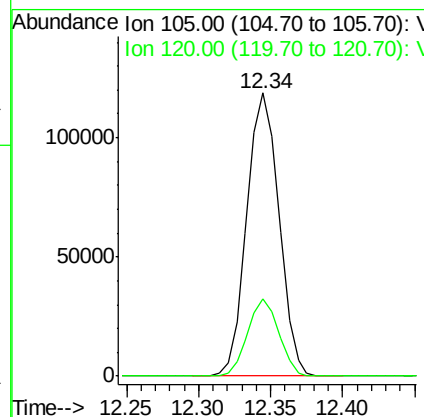
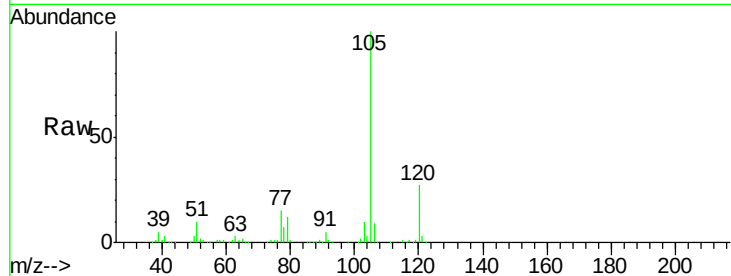
#73
Isopropylbenzene
Concen: 19.621 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	183986		
120	26.5	13.1	39.3	

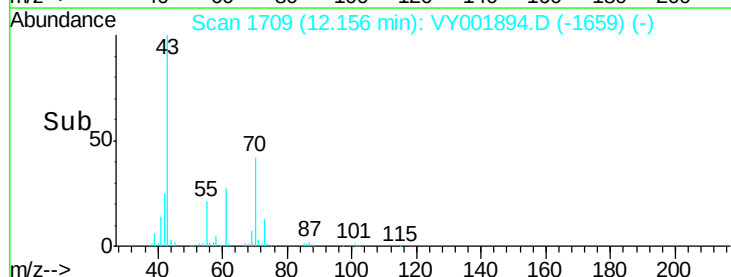
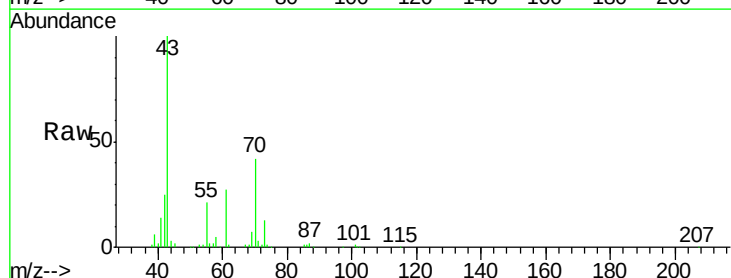
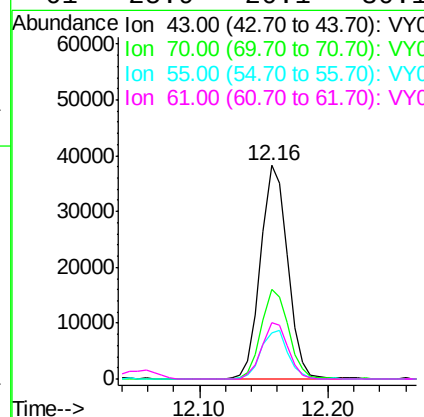
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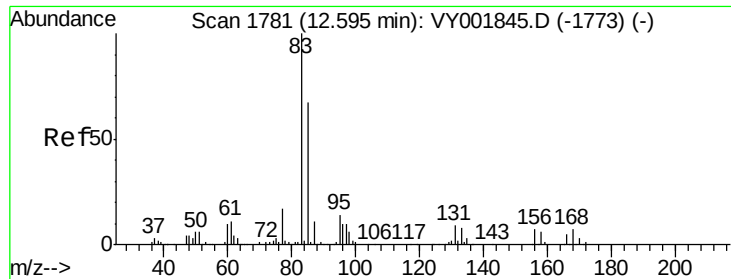
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#74
N-ethyl acetate
Concen: 19.230 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	55419		
70	42.7	34.7	52.1	
55	22.9	18.2	27.4	
61	25.9	20.1	30.1	





#75

1,1,2,2-Tetrachloroethane

Concen: 19.373 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

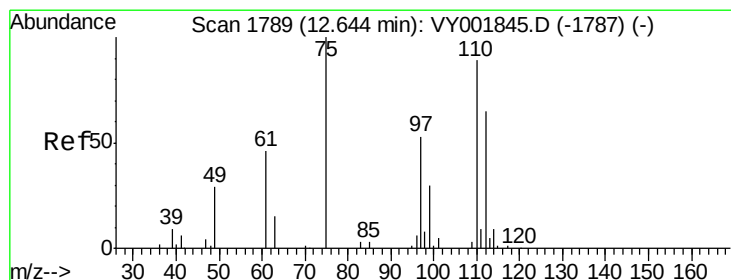
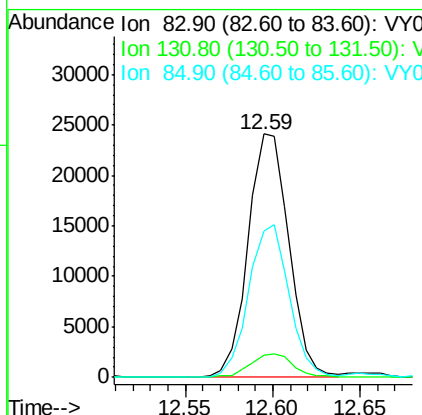
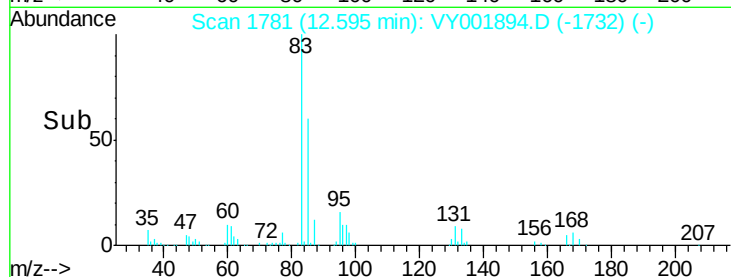
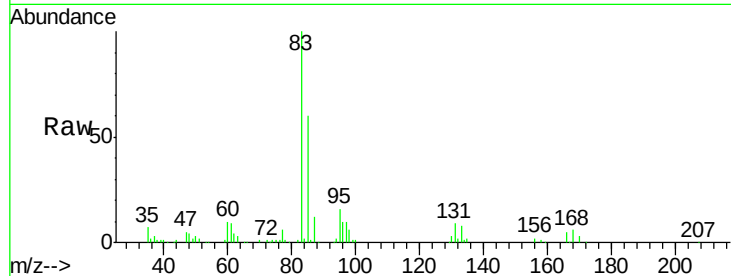
ClientSampleId :

VY0306SBS01

Tot Ion:	83	Resp:	39174
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.6	13.8
85	61.9	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 17.431 ug/l m

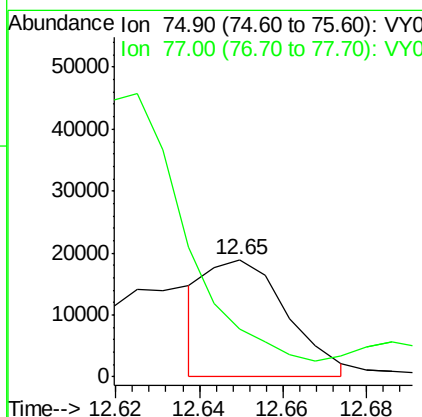
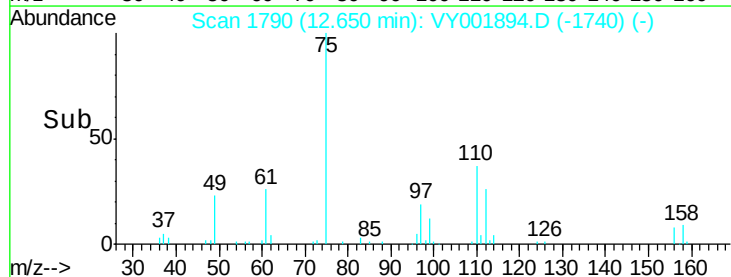
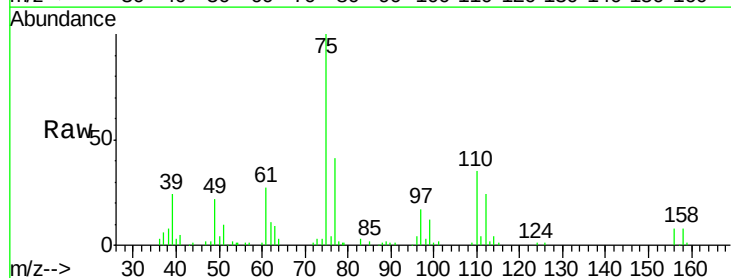
RT: 12.65 min Scan# 1790

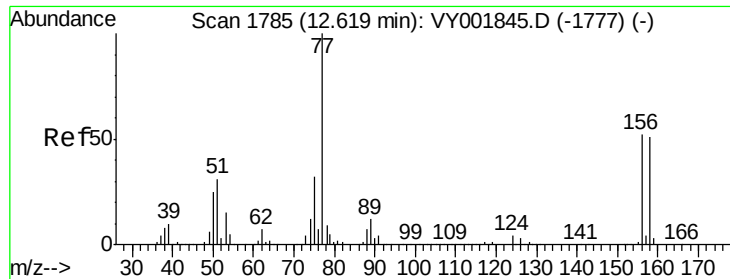
Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Tgt Ion:	75	Resp:	25406
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.013 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

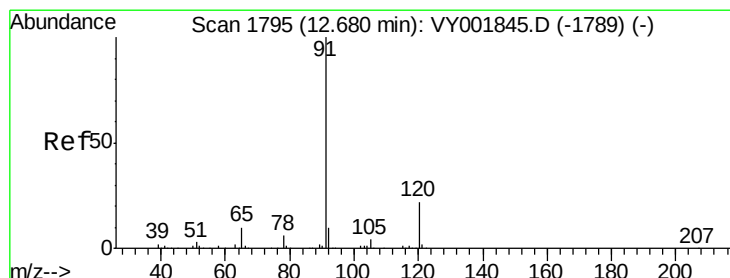
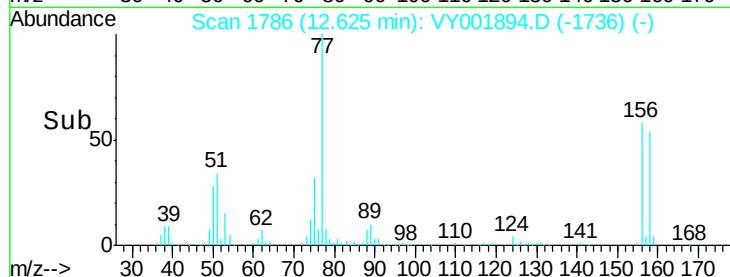
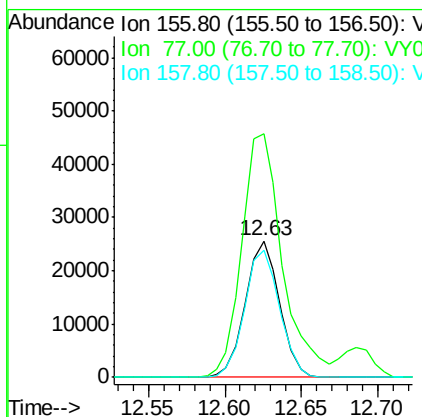
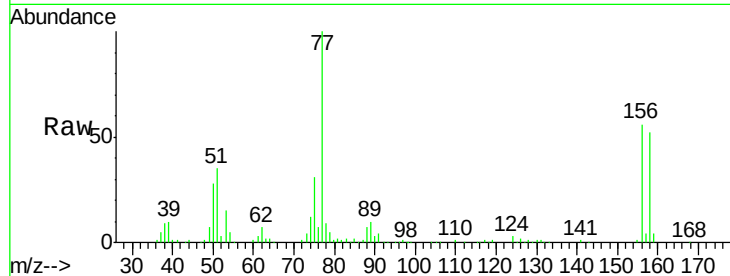
ClientSampleId :

VY0306SBS01

Tot Ion	156	Resp	39759
Ion	Ratio	Lower	Upper
156	100		
77	212.4	109.0	327.0
158	95.7	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.912 ug/l

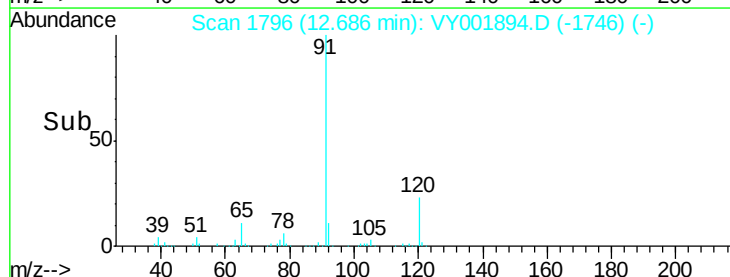
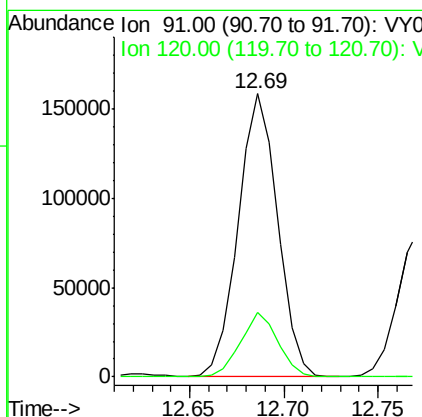
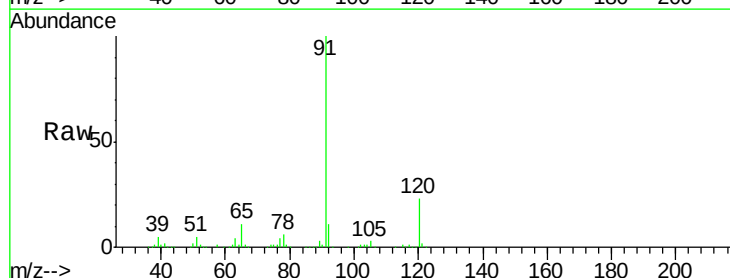
RT: 12.69 min Scan# 1796

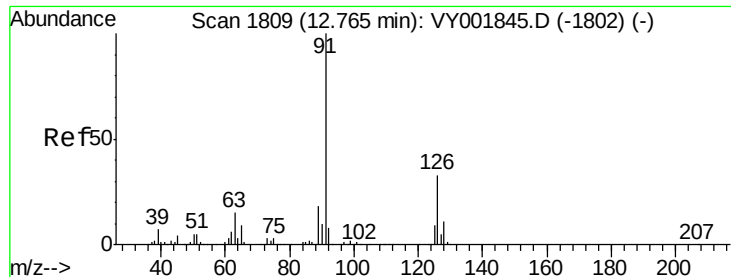
Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Tgt Ion	91	Resp	230346
Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.0	33.0





#79

2-Chlorotoluene

Concen: 19.758 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tot Ion: 91 Resp: 126281

Ion Ratio Lower Upper

91 100

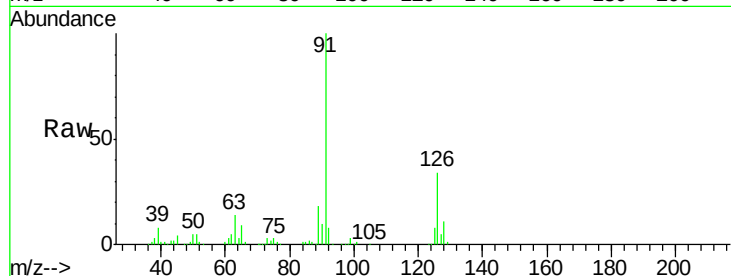
126 33.0 16.3 48.8

Manual Integrations

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3/9/2020 11:41:03 AM



Abundance Ion 91.00 (90.70 to 91.70): VY001894.D (-1760) (-)

Ion 125.90 (125.60 to 126.60): VY001894.D (-1760) (-)

150000

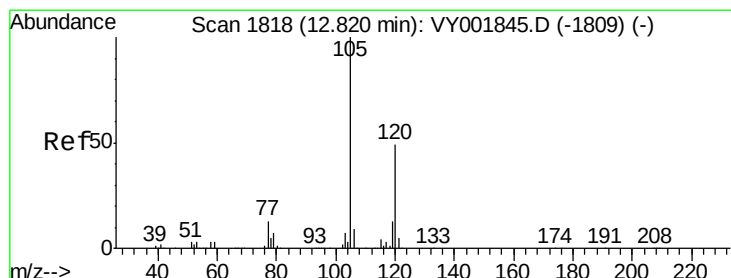
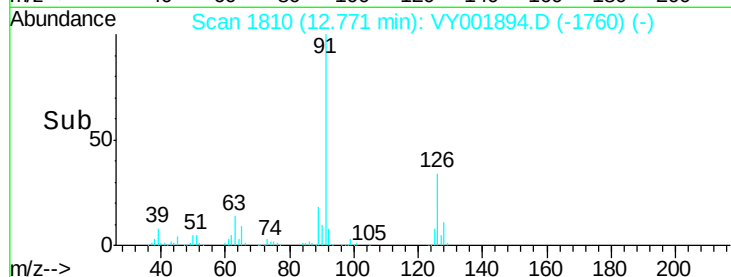
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.767 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001894.D

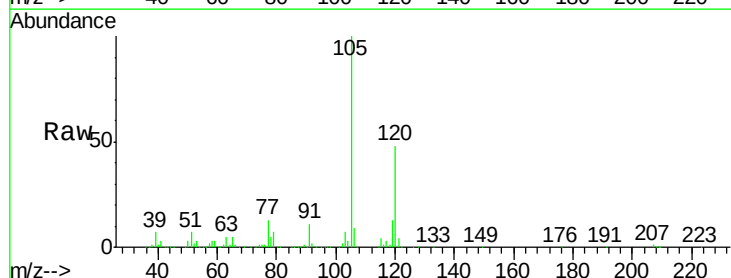
Acq: 06 Mar 2020 12:19

Tgt Ion: 105 Resp: 152587

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001894.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001894.D (-1769) (-)

120000

100000

80000

60000

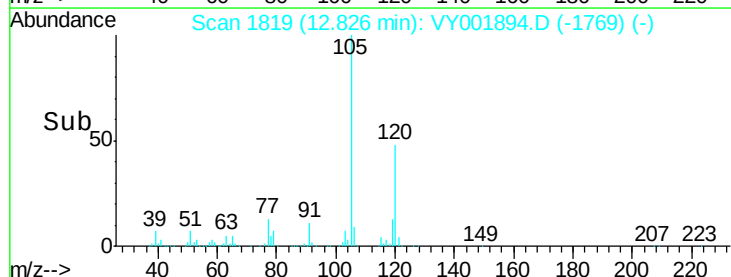
40000

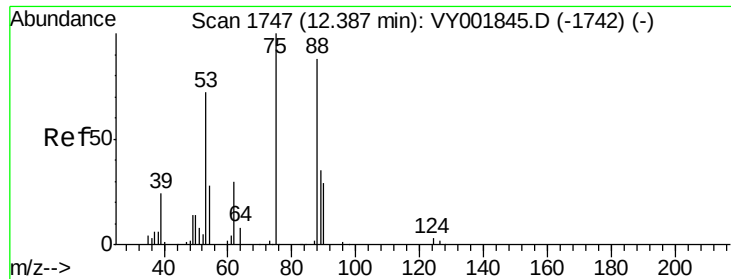
20000

0

12.80 12.90

Time-->





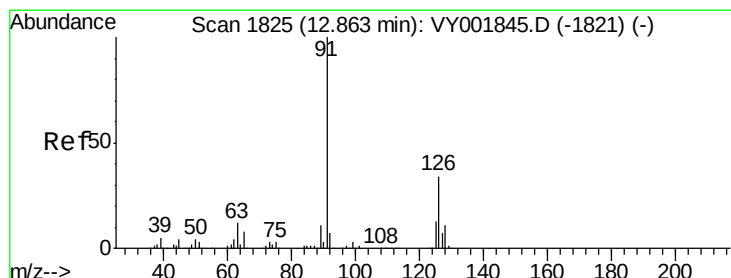
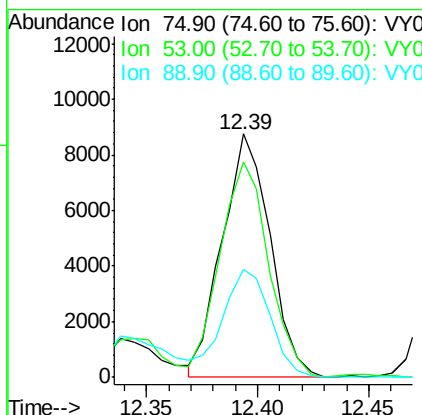
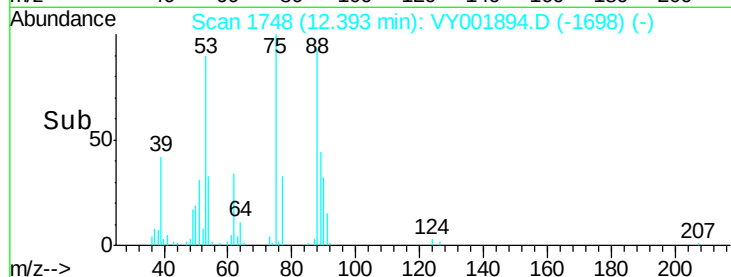
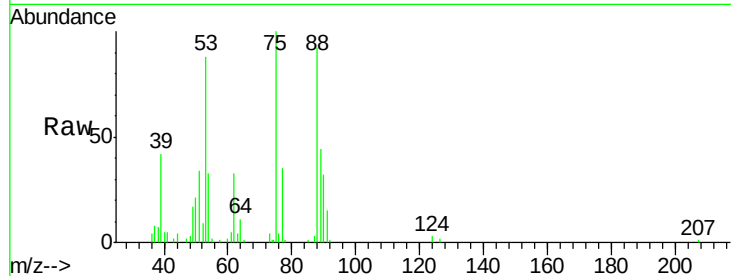
#81
trans-1,4-Dichloro-2-butene
Concen: 18.134 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.8	65.4	98.0
89	44.2	36.0	54.0

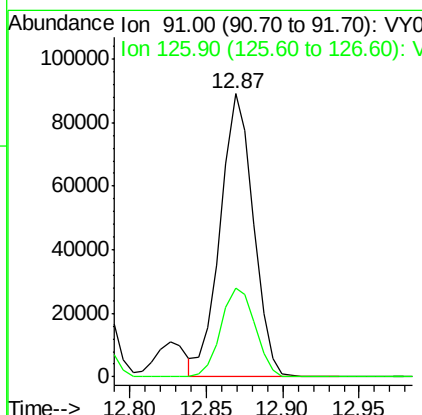
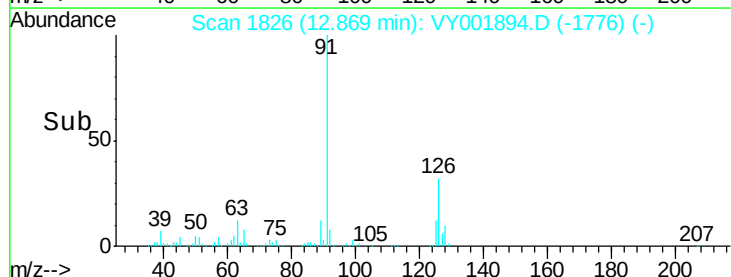
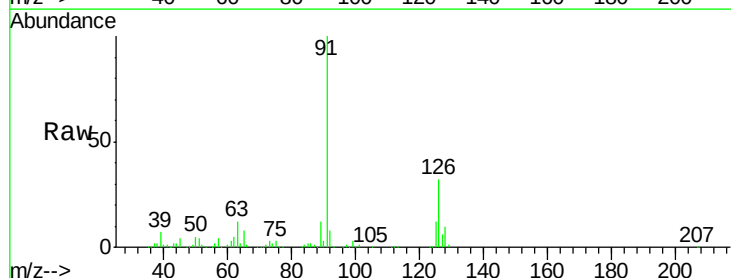
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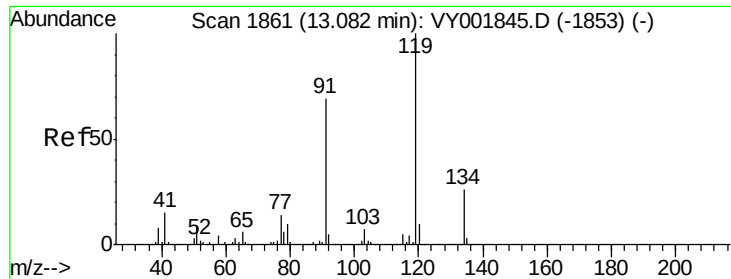
MMDadoda
3/9/2020 11:41:03 AM



#82
4-Chlorotoluene
Concen: 20.140 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.2





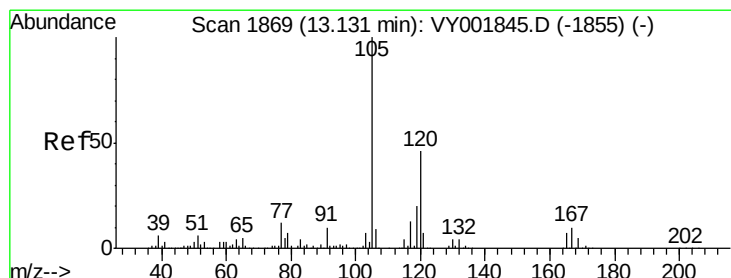
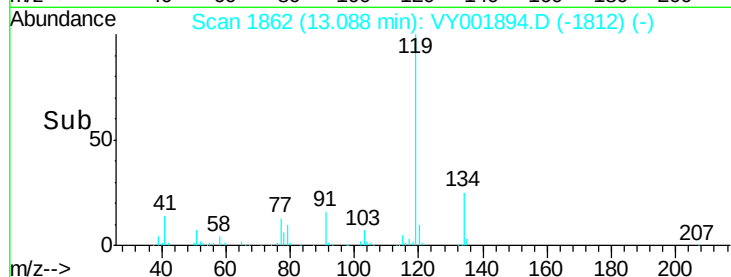
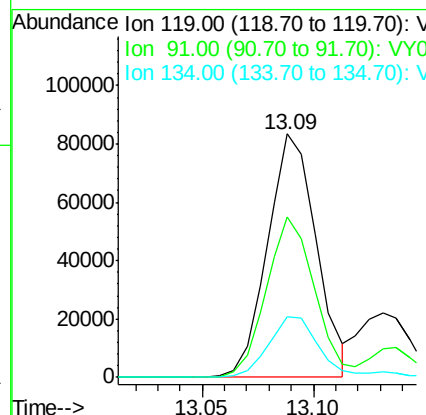
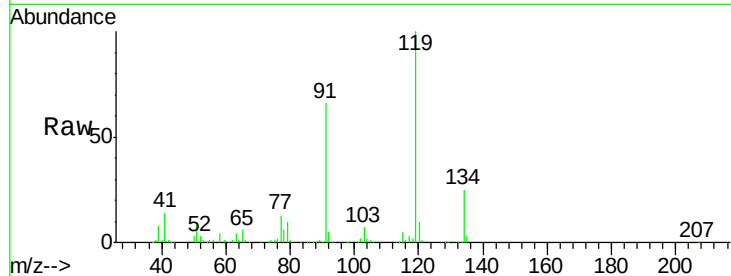
#83
 tert-Butylbenzene
 Concen: 19.793 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	34.0	101.8
134	27.0	13.5	40.4

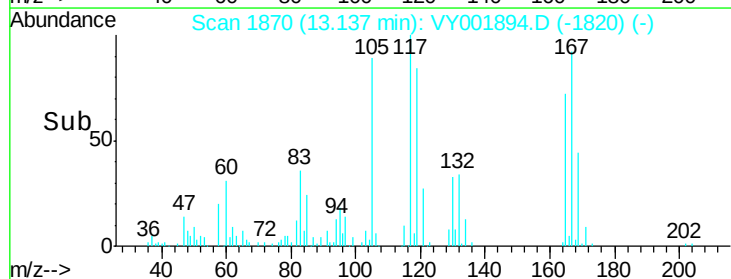
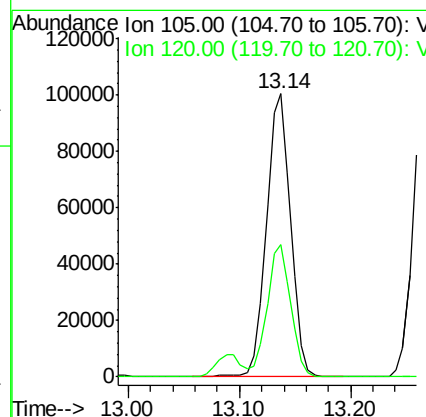
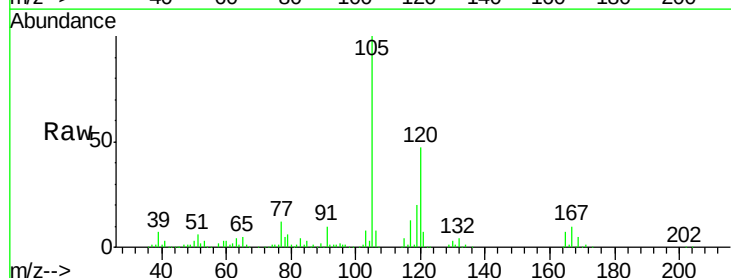
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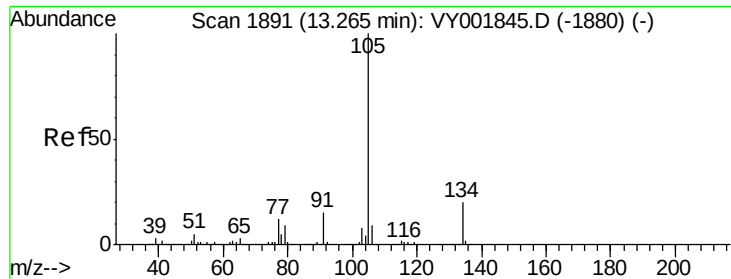
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 3/9/2020 11:41:03 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.809 ug/l
 RT: 13.14 min Scan# 1870
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.6	67.7





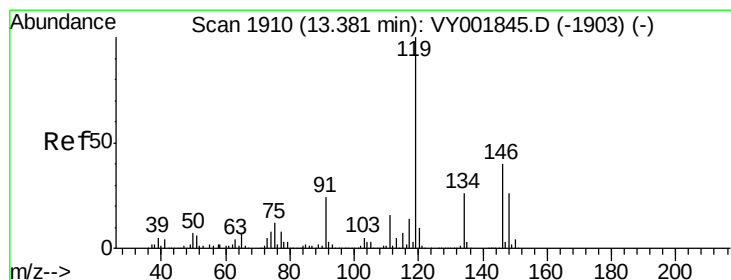
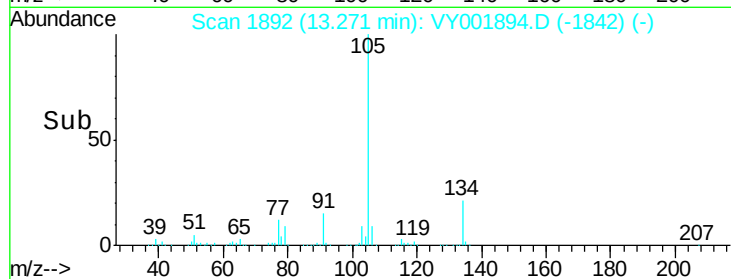
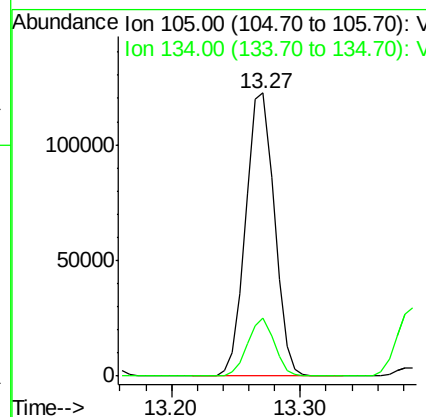
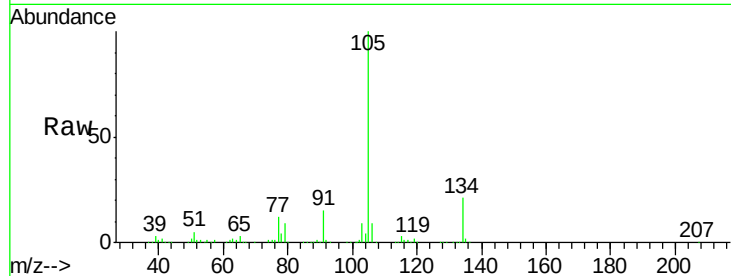
#85
 sec-Butylbenzene
 Concen: 19.898 ug/l
 RT: 13.27 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1

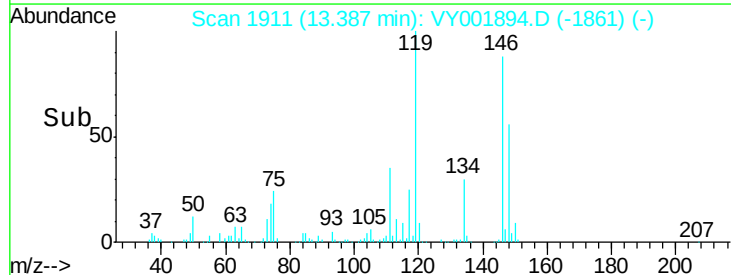
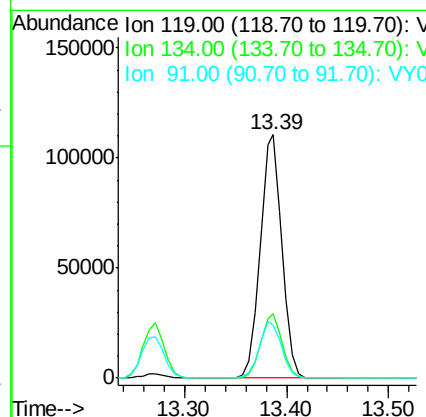
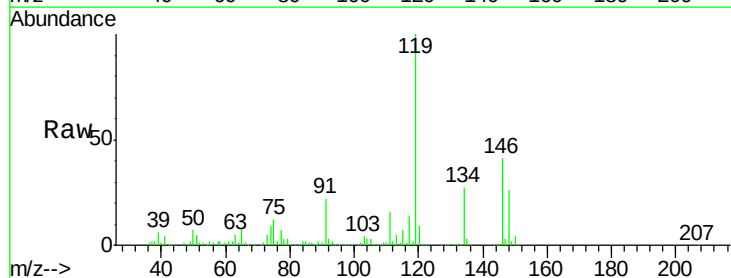
Manual Integrations
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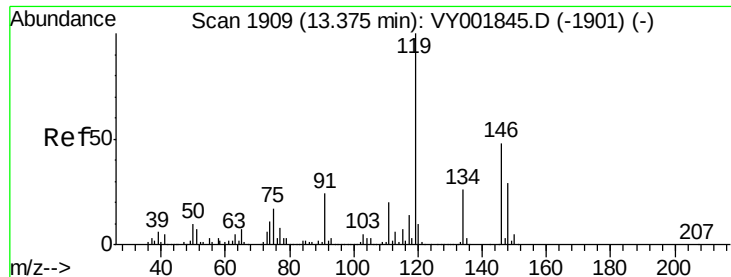
MMDadoda
 3/9/2020 11:41:03 AM



#86
 p-Isopropyltoluene
 Concen: 20.187 ug/l
 RT: 13.39 min Scan# 1911
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	23.7	11.9	35.7





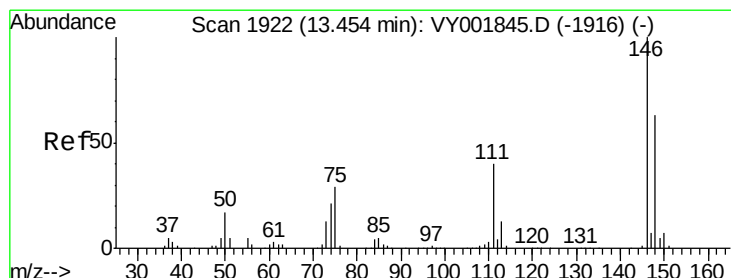
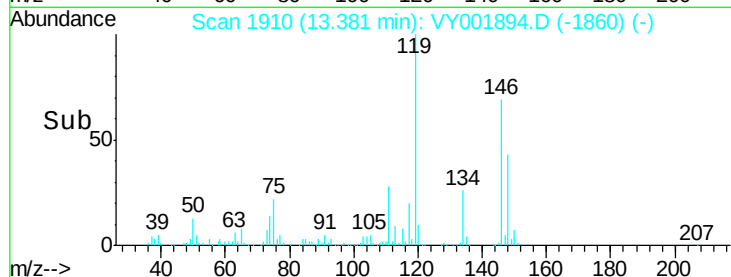
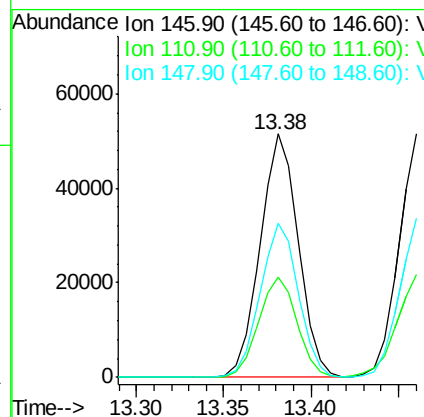
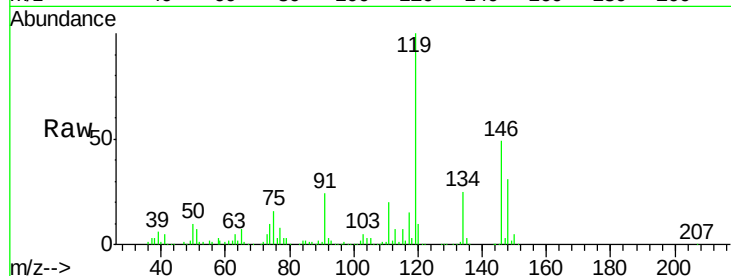
#87
 1,3-Dichlorobenzene
 Concen: 20.039 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	63.2	31.4	94.0

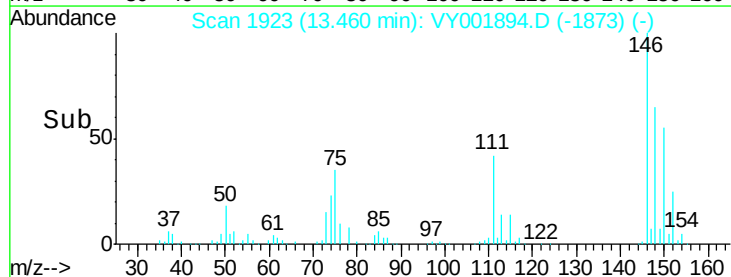
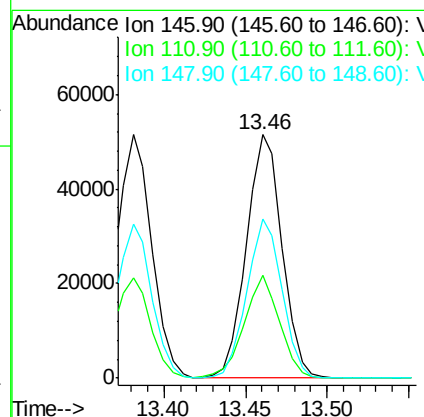
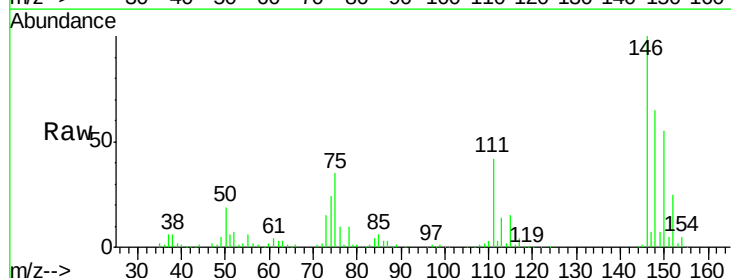
Manual Integrations
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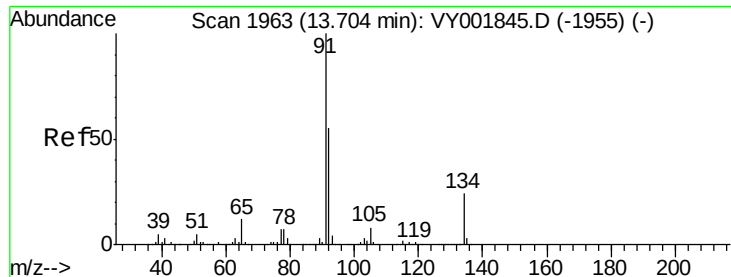
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#88
 1,4-Dichlorobenzene
 Concen: 19.867 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.0	60.0
148	64.6	31.5	94.5





#89

n-Butylbenzene

Concen: 19.770 ug/l

RT: 13.71 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

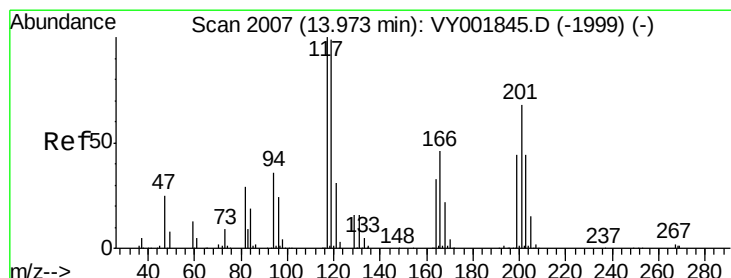
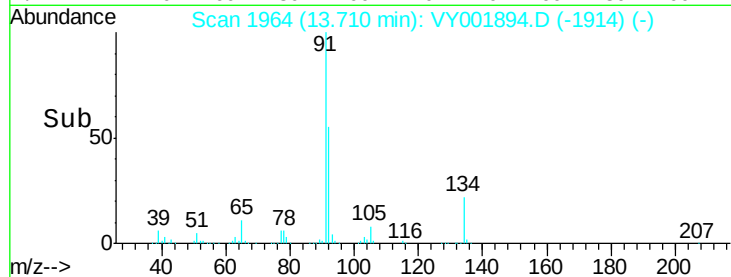
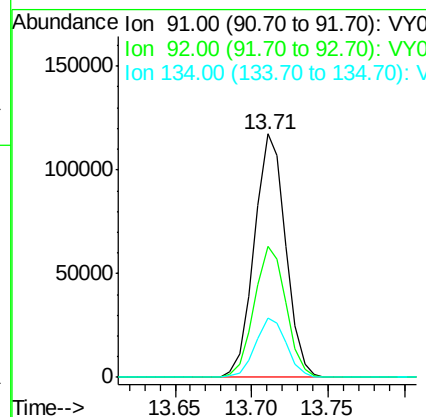
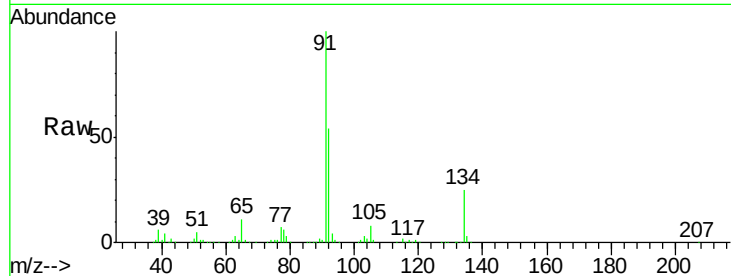
ClientSampleId :

VY0306SBS01

Tot Ion:	91	Resp:	167213
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.4
134	24.3	12.5	37.5

Manual Integrations
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#90

Hexachloroethane

Concen: 19.631 ug/l

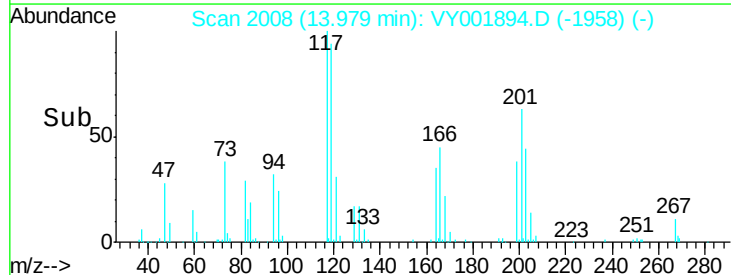
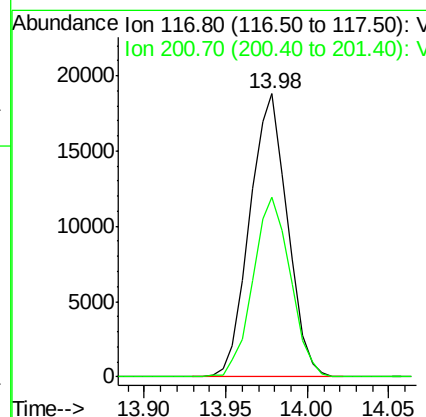
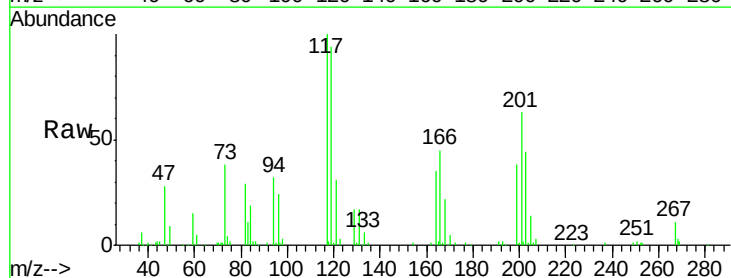
RT: 13.98 min Scan# 2008

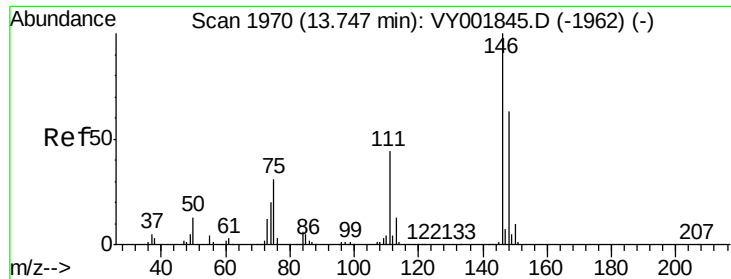
Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Tgt Ion:	117	Resp:	30192
Ion	Ratio	Lower	Upper
117	100		
201	63.4	32.5	97.5





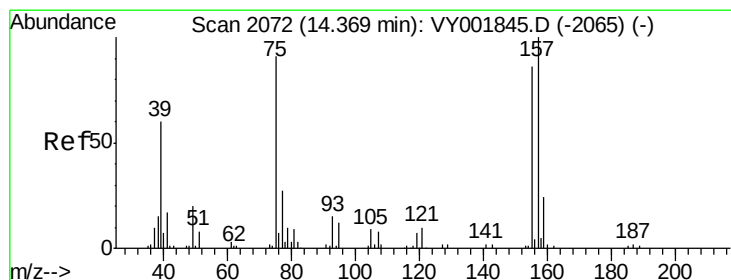
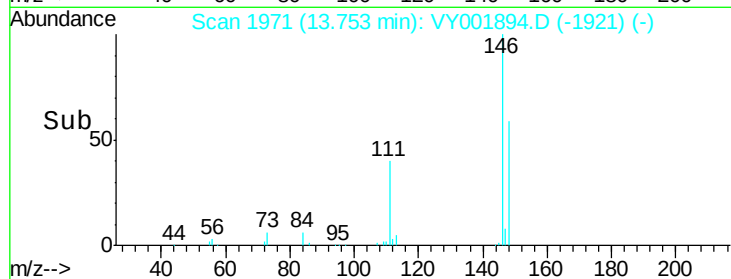
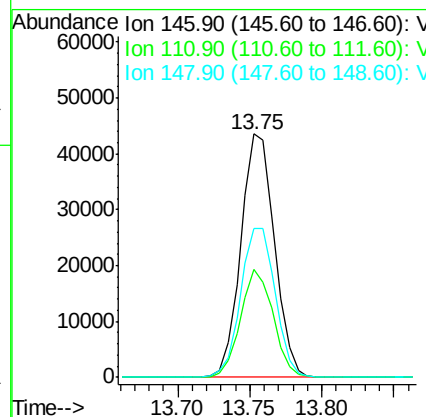
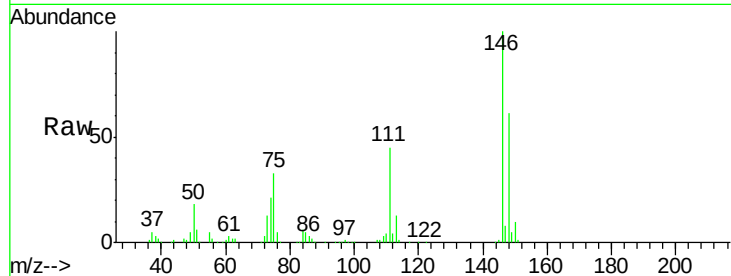
#91
 1,2-Dichlorobenzene
 Concen: 19.932 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.5	64.5
148	63.1	32.0	96.0

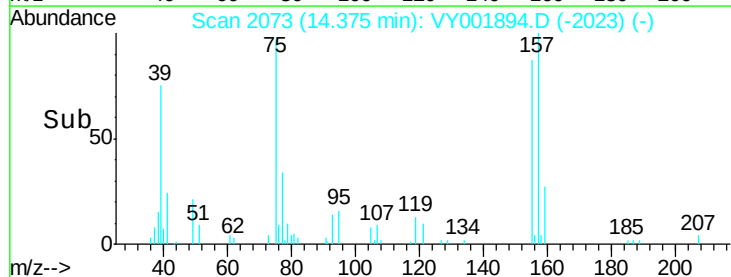
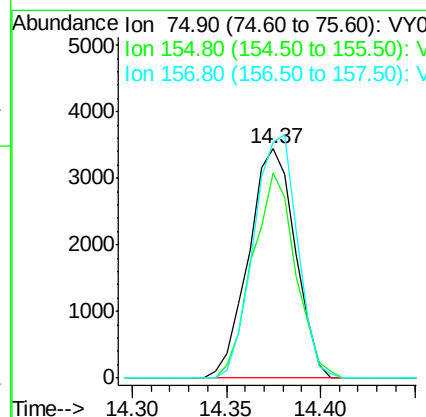
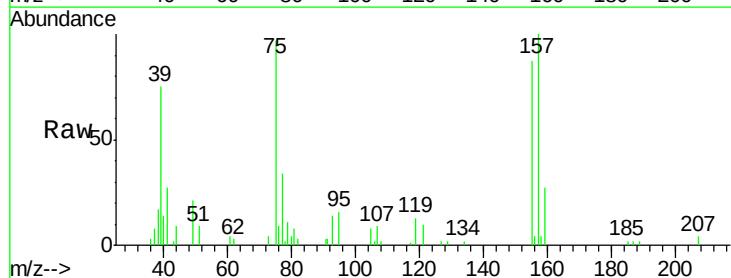
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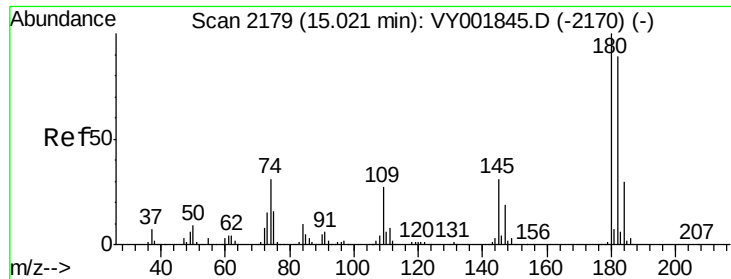
MMDadoda
 3/9/2020 11:41:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.663 ug/l
 RT: 14.37 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	42.9	128.7
157	99.8	53.1	159.4





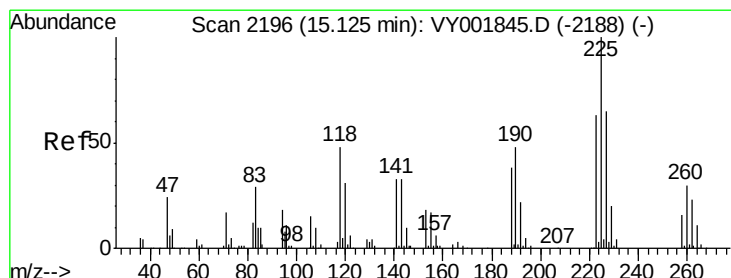
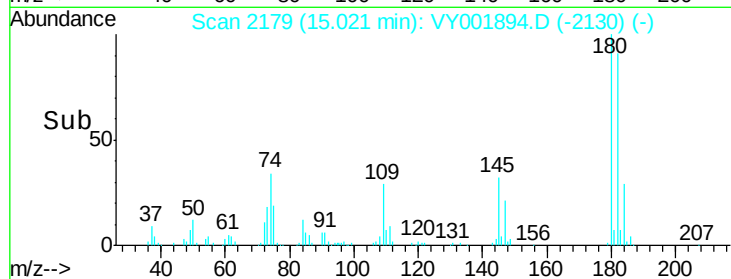
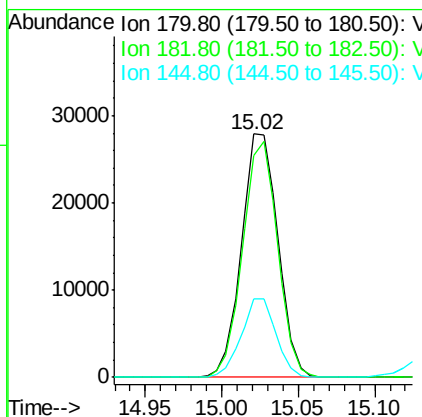
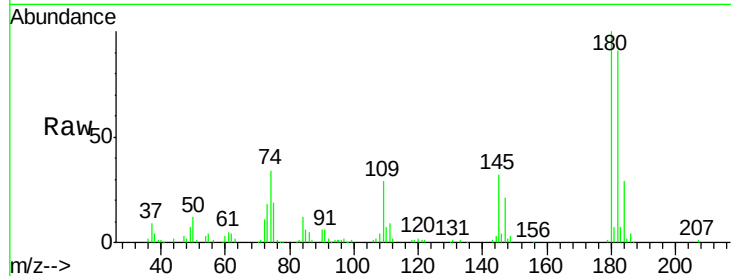
#93
1,2,4-Trichlorobenzene
Concen: 20.116 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	46139		
182	93.0	46.1	138.3	
145	30.8	15.6	46.8	

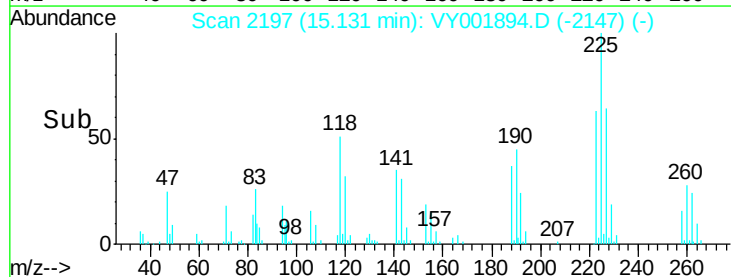
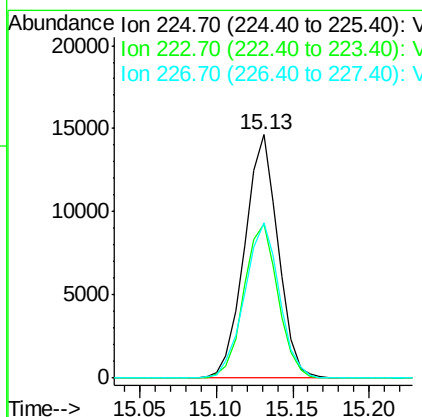
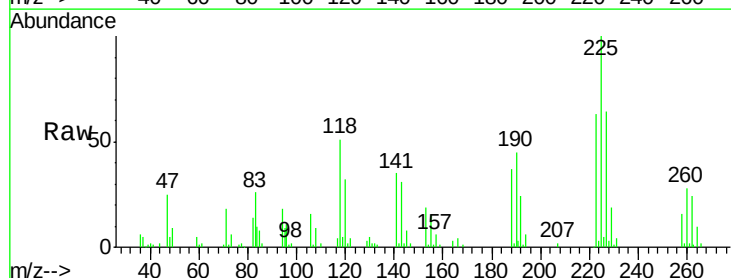
Manual Integrations
APPROVED

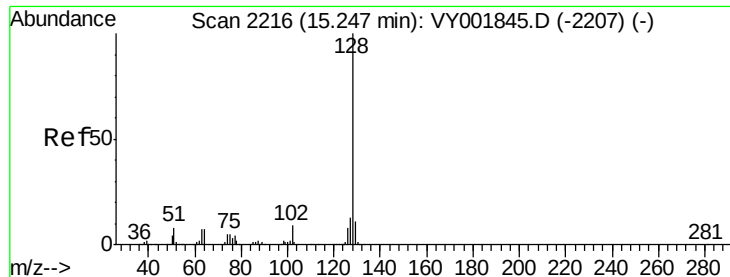
MMDadoda
3/9/2020 11:41:03 AM



#94
Hexachlorobutadiene
Concen: 19.893 ug/l
RT: 15.13 min Scan# 2197
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22245		
223	64.3	31.5	94.5	
227	66.2	31.9	95.5	





#95

Naphthalene

Concen: 18.798 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

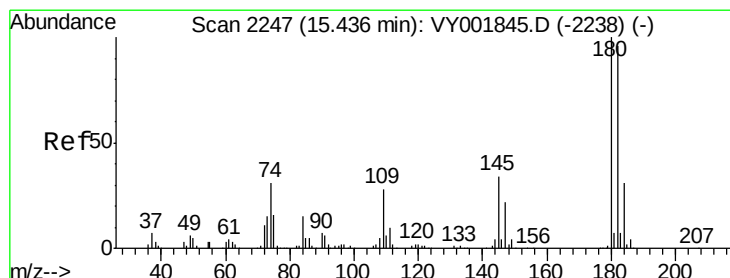
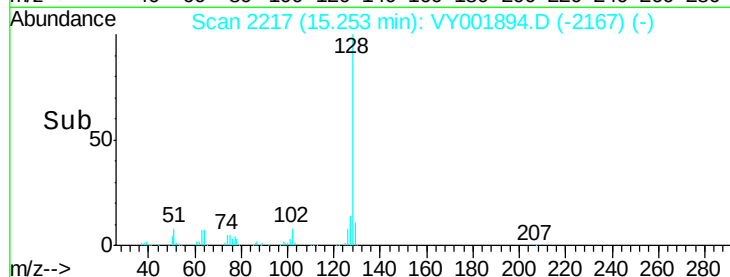
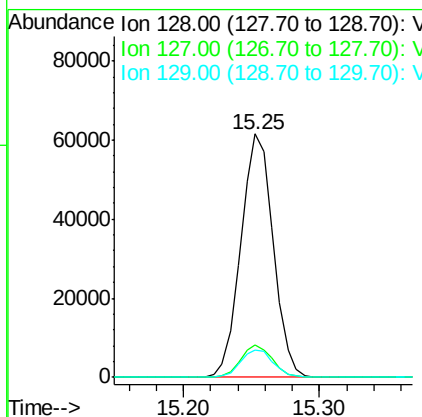
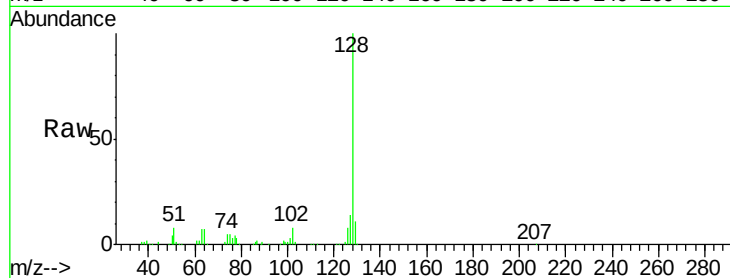
ClientSampleId :

VY0306SBS01

Tot Ion:	128	Resp:	102268
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/9/2020 11:41:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.291 ug/l

RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Tgt Ion:	180	Resp:	40999
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.6	142.9
145	34.0	16.8	50.3

