

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001292.D
 Acq On : 20 Jan 2020 13:58
 Operator : SY/MD
 Sample : VY0120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 10:59:51 AM

Quant Time: Jan 21 07:16:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	197117	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	344028	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	302163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	143550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	104994	50.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	7.74	113	97637	48.47	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.19	98	402447	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.49	95	146928	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	28460	18.800	ug/l	94
3) Chloromethane	2.13	50	43278	19.833	ug/l	100
4) Vinyl Chloride	2.26	62	45717	20.796	ug/l	97
5) Bromomethane	2.66	94	32317	27.368	ug/l	97
6) Chloroethane	2.80	64	30401	23.937	ug/l	97
7) Trichlorofluoromethane	3.14	101	60972	19.926	ug/l	99
8) Diethyl Ether	3.54	74	24827	20.880	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	40187	20.403	ug/l	99
10) Methyl Iodide	4.11	142	47676	17.684	ug/l	98
11) Tert butyl alcohol	4.98	59	32460	154.965	ug/l #	93
12) 1,1-Dichloroethene	3.89	96	40389	20.043	ug/l	100
13) Acrolein	3.75	56	20013	106.129	ug/l	98
14) Allyl chloride	4.50	41	71811	21.115	ug/l	99
15) Acrylonitrile	5.19	53	63642	107.025	ug/l	100
16) Acetone	3.97	43	56440	116.731	ug/l	99
17) Carbon Disulfide	4.21	76	122428	18.772	ug/l	97
18) Methyl Acetate	4.50	43	33259	20.805	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	118552	21.269	ug/l	96
20) Methylene Chloride	4.74	84	55574	21.518	ug/l	94
21) trans-1,2-Dichloroethene	5.24	96	46816	20.489	ug/l	95
22) Diisopropyl ether	6.14	45	148712	21.408	ug/l	98
23) Vinyl Acetate	6.08	43	483967	108.938	ug/l	99
24) 1,1-Dichloroethane	6.05	63	81465	21.422	ug/l	96
25) 2-Butanone	7.01	43	89274	118.636	ug/l	94
26) 2,2-Dichloropropane	7.00	77	73067	20.894	ug/l	97
27) cis-1,2-Dichloroethene	7.01	96	53201	21.249	ug/l	99
28) Bromochloromethane	7.36	49	29553	18.924	ug/l	99
29) Tetrahydrofuran	7.37	42	55402	107.432	ug/l	96
30) Chloroform	7.53	83	79215	21.259	ug/l	98
31) Cyclohexane	7.80	56	79448	19.731	ug/l	91
32) 1,1,1-Trichloroethane	7.72	97	67764	20.496	ug/l	100
36) 1,1-Dichloropropene	7.94	75	63313	20.192	ug/l	98
37) Ethyl Acetate	7.10	43	37569	20.416	ug/l	98
38) Carbon Tetrachloride	7.92	117	58110	20.222	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	83491	19.640	ug/l	98
40) Benzene	8.18	78	190236	20.784	ug/l	99
41) Methacrylonitrile	7.35	41	23798m	27.531	ug/l	
42) 1,2-Dichloroethane	8.26	62	53002	20.680	ug/l	99
43) Isopropyl Acetate	8.29	43	73984	21.025	ug/l	98
44) Trichloroethene	8.96	130	49360	20.696	ug/l	97
45) 1,2-Dichloropropane	9.24	63	48535	21.449	ug/l	99
46) Dibromomethane	9.32	93	25926	20.999	ug/l	99
47) Bromodichloromethane	9.51	83	61878	20.565	ug/l	98
48) Methyl methacrylate	9.31	41	33014	20.274	ug/l	99
49) 1,4-Dioxane	9.31	88	6727	447.405	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	188214	105.413	ug/l	98
52) Toluene	10.26	92	119626	20.491	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	66963	19.888	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	78587	20.702	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	39076	21.349	ug/l	99
56) Ethyl methacrylate	10.52	69	56138	20.051	ug/l	98
57) 1,3-Dichloropropane	10.80	76	67282	21.412	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.80	63	103782	105.392	ug/l	99
59) 2-Hexanone	10.85	43	130486	104.277	ug/l	99
60) Dibromochloromethane	11.00	129	43173	20.486	ug/l	100
61) 1,2-Dibromoethane	11.10	107	36410	20.373	ug/l	100
64) Tetrachloroethene	10.73	164	38849	19.945	ug/l	98
65) Chlorobenzene	11.53	112	125659	20.812	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	43669	20.985	ug/l	97
67) Ethyl Benzene	11.60	91	233539	21.145	ug/l	100
68) m/p-Xylenes	11.71	106	175291	42.072	ug/l	100
69) o-Xylene	12.04	106	83381	20.873	ug/l	99
70) Styrene	12.05	104	145686	20.785	ug/l	98
71) Bromoform	12.22	173	24733	19.273	ug/l #	99
73) Isopropylbenzene	12.34	105	222973	20.661	ug/l	99
74) N-amyl acetate	12.16	43	70395	20.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	46963	20.684	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	38186m	24.849	ug/l	
77) Bromobenzene	12.62	156	49865	20.911	ug/l	96
78) n-propylbenzene	12.68	91	272319	20.979	ug/l	100
79) 2-Chlorotoluene	12.77	91	152221	20.419	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	187376	20.810	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	16893	18.642	ug/l #	96
82) 4-Chlorotoluene	12.86	91	161330	20.271	ug/l	97
83) tert-Butylbenzene	13.08	119	158716	20.977	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	190074	21.257	ug/l	100
85) sec-Butylbenzene	13.27	105	231909	21.306	ug/l	100
86) p-Isopropyltoluene	13.38	119	205497	21.745	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	97965	21.723	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	98829	21.293	ug/l	99
89) n-Butylbenzene	13.70	91	205574	21.598	ug/l	99
90) Hexachloroethane	13.97	117	38740	20.979	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	90206	21.523	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8303	20.273	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	60501	21.909	ug/l	100
94) Hexachlorobutadiene	15.12	225	31182	22.414	ug/l	97
95) Naphthalene	15.25	128	135266	21.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	53762	22.090	ug/l	99

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

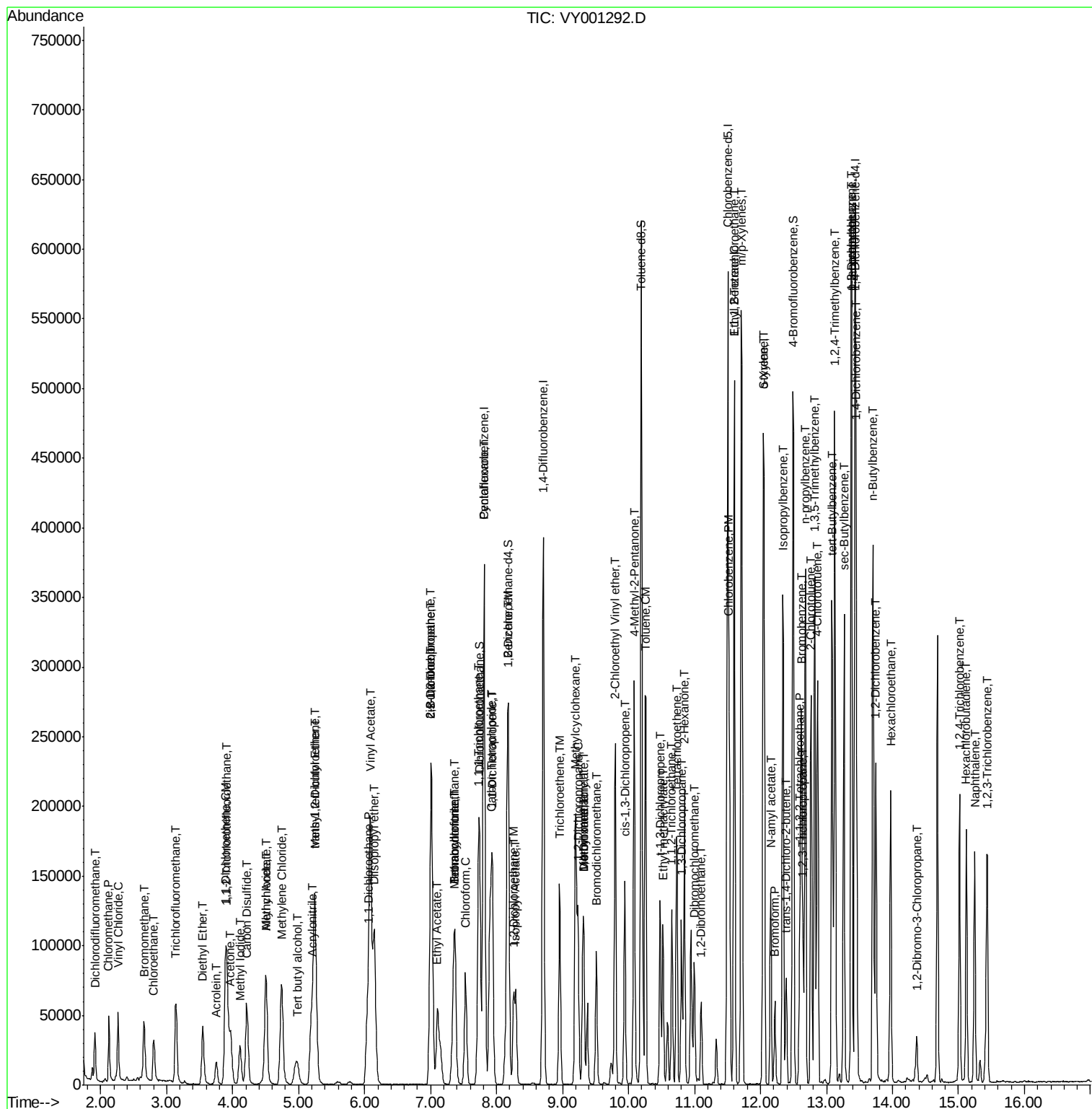
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
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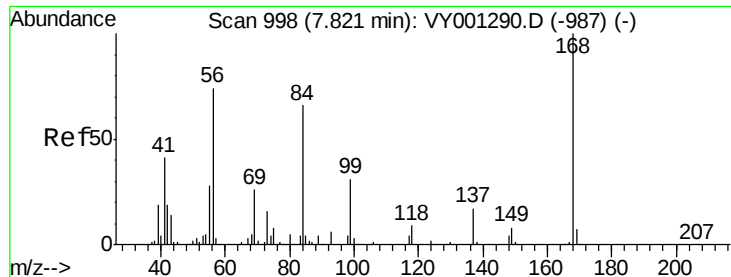
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion:168 Resp: 197117

Ion Ratio Lower Upper

168 100

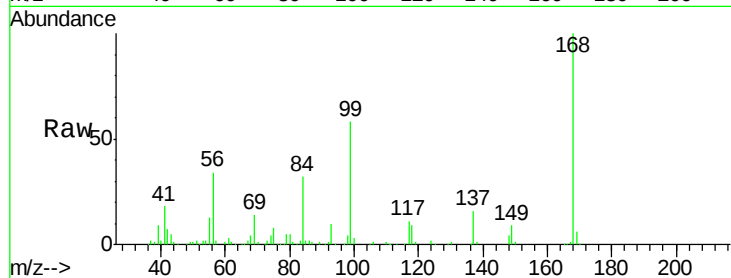
99 57.8 47.9 71.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)

7.81

80000

60000

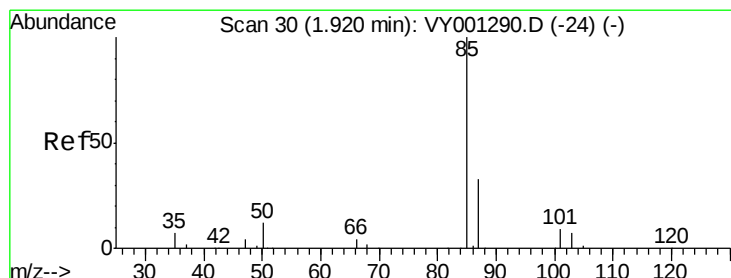
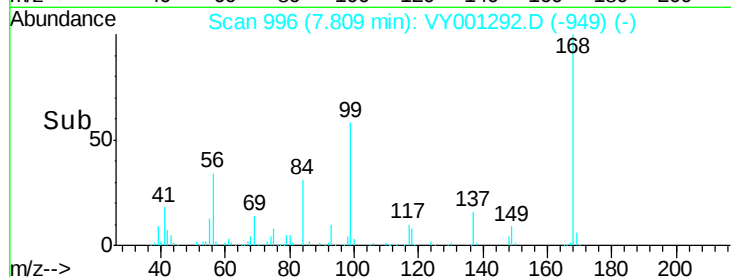
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.800 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001292.D

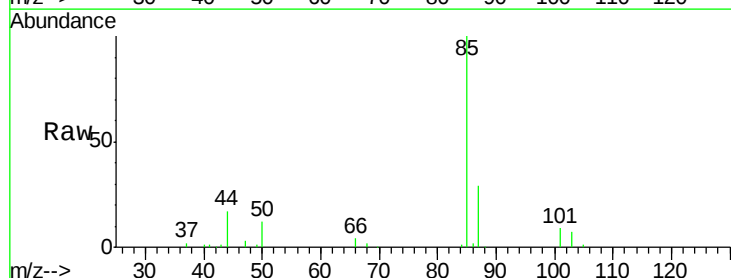
Acq: 20 Jan 2020 13:58

Tgt Ion: 85 Resp: 28460

Ion Ratio Lower Upper

85 100

87 29.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001290.D (-24) (-)

Ion 86.90 (86.60 to 87.60): VY001290.D (-24) (-)

1.91

20000

15000

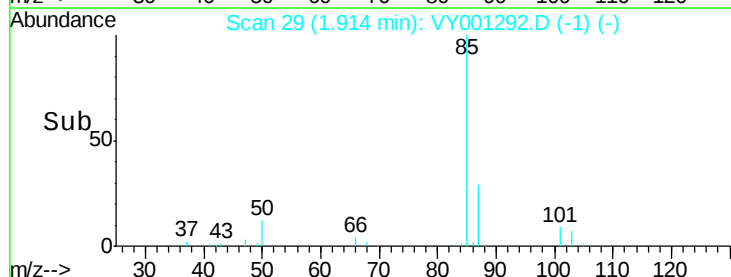
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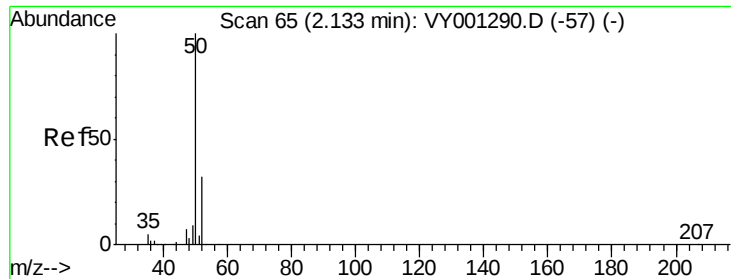
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.833 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion: 50 Resp: 43278

Ion Ratio Lower Upper

50 100

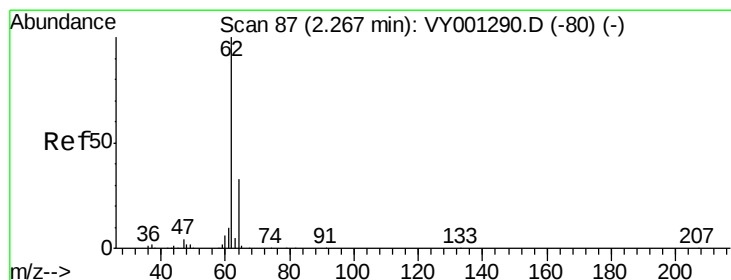
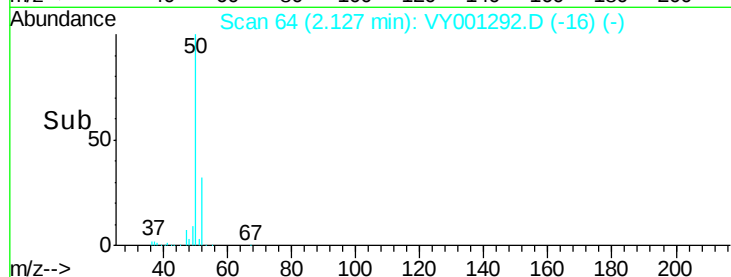
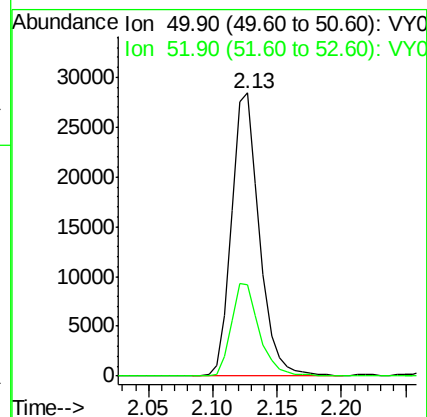
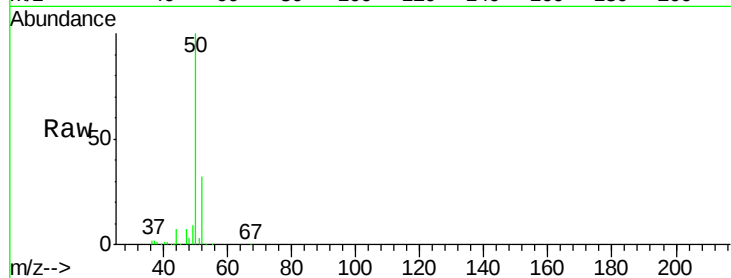
52 32.1 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.796 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001292.D

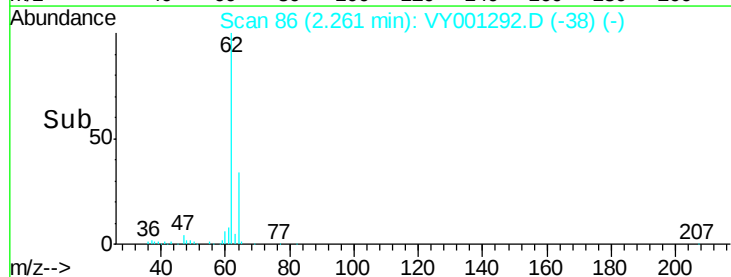
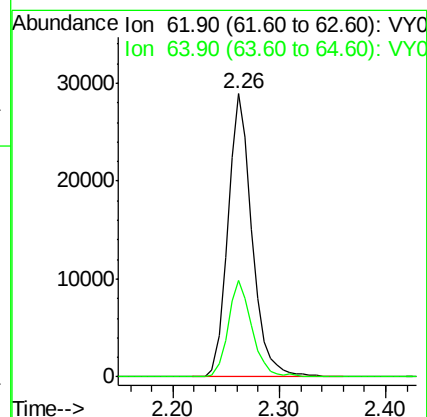
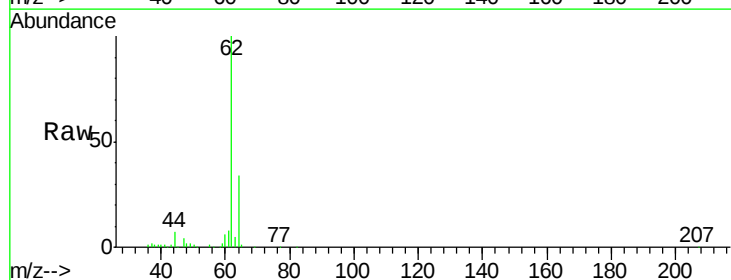
Acq: 20 Jan 2020 13:58

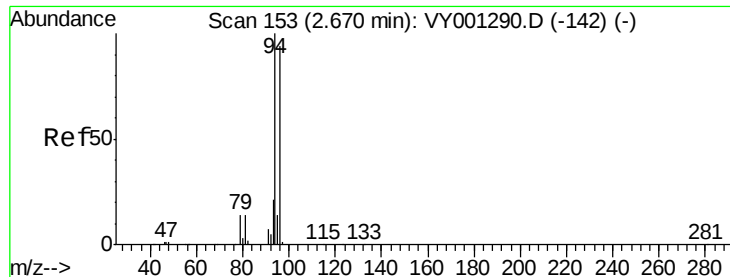
Tgt Ion: 62 Resp: 45717

Ion Ratio Lower Upper

62 100

64 34.1 25.8 38.8





#5

Bromomethane

Concen: 27.368 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

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ClientSampleId :

VY0120SBS01

Tot Ion: 94 Resp: 32317

Ion Ratio Lower Upper

94 100

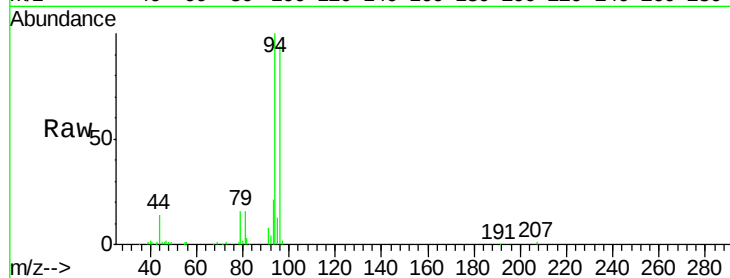
96 93.7 77.3 115.9

Manual Integrations

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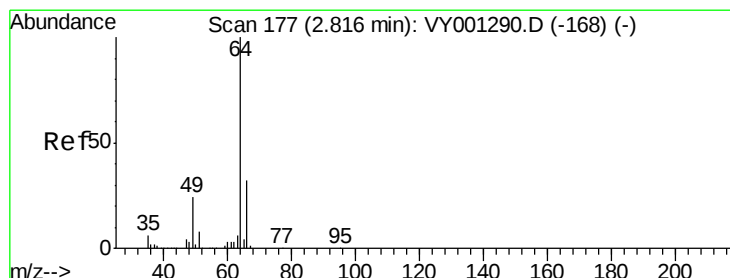
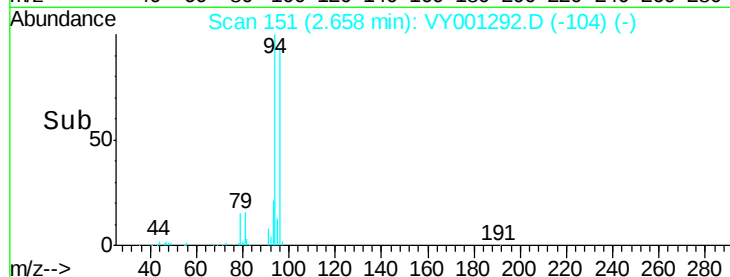
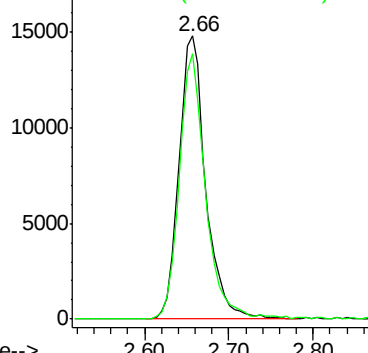
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 23.937 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001292.D

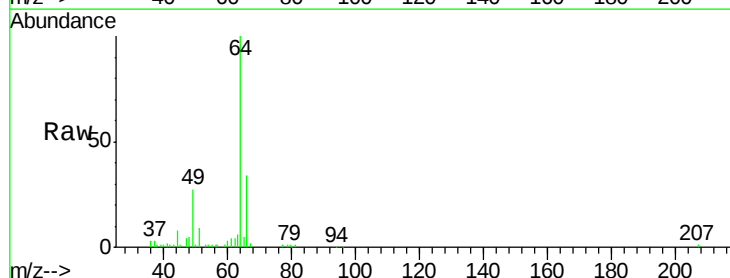
Acq: 20 Jan 2020 13:58

Tgt Ion: 64 Resp: 30401

Ion Ratio Lower Upper

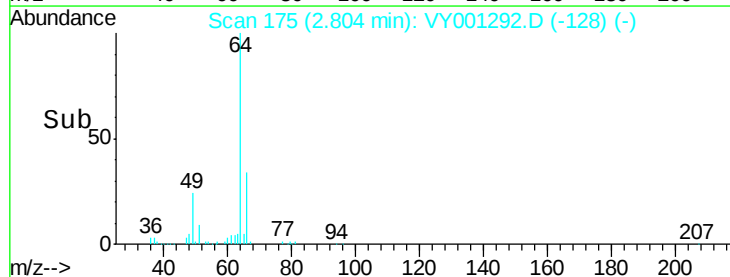
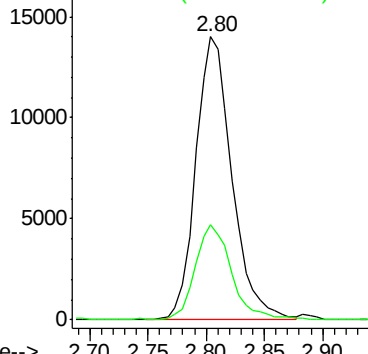
64 100

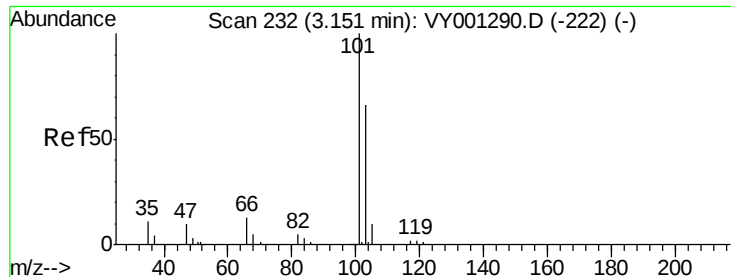
66 33.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

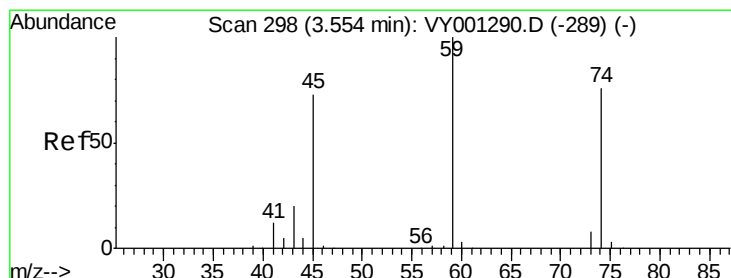
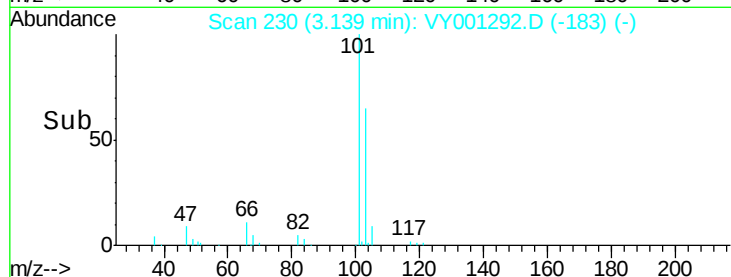
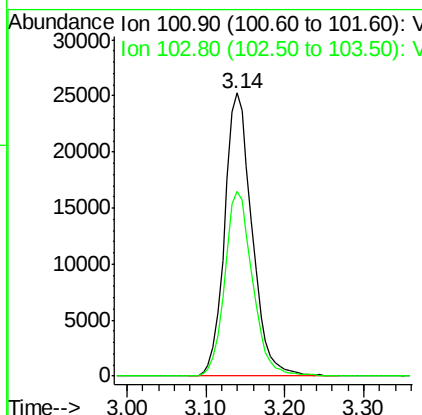
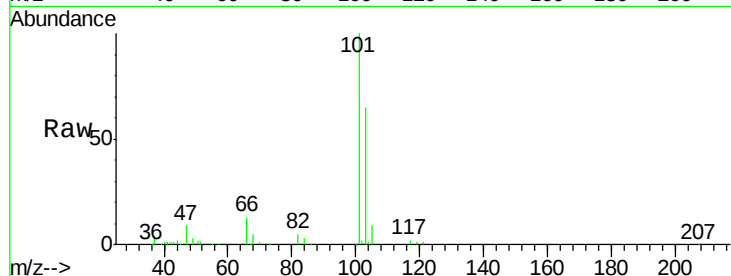
Trichlorofluoromethane
Concen: 19.926 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.6	79.0

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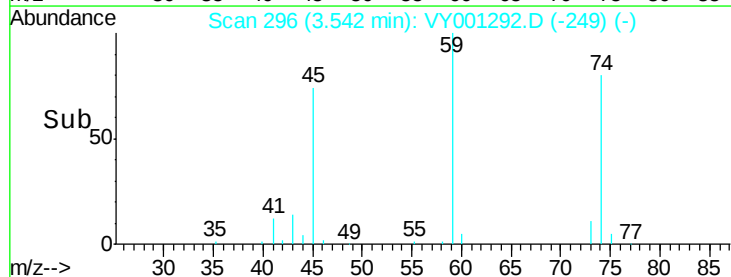
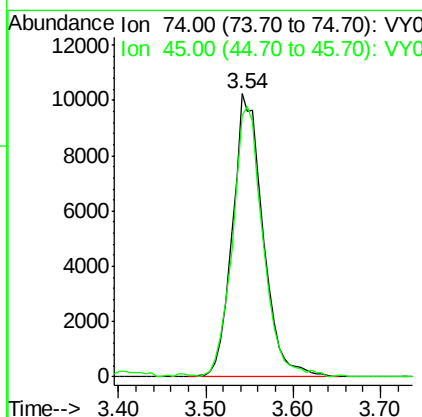
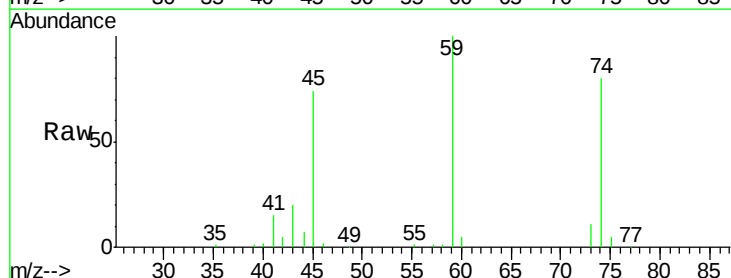
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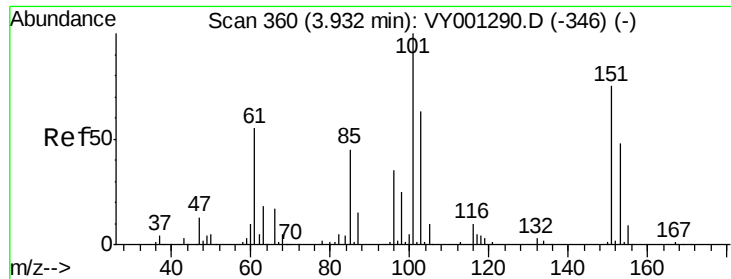


#8

Diethyl Ether
Concen: 20.880 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.403 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.02 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

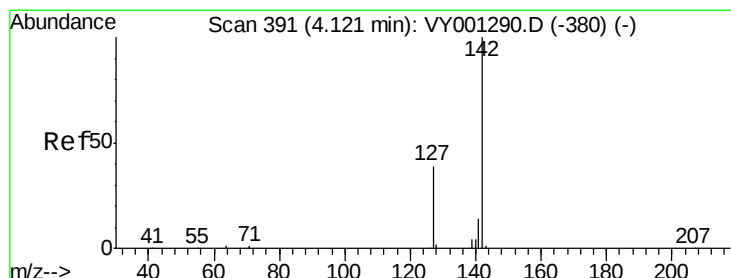
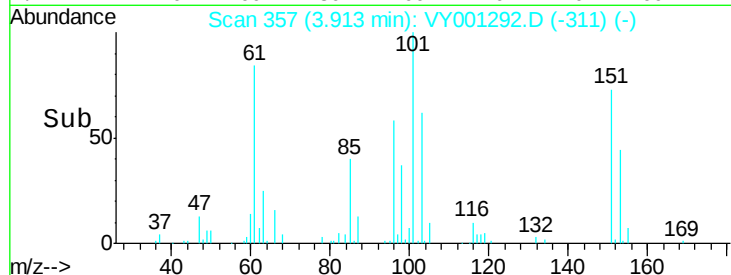
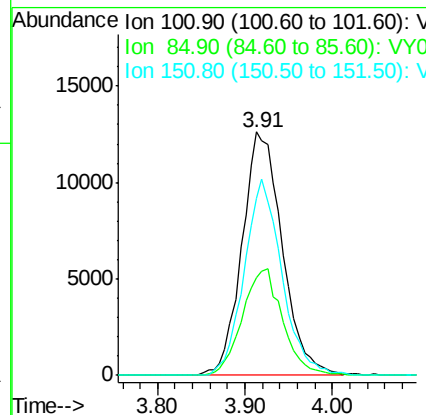
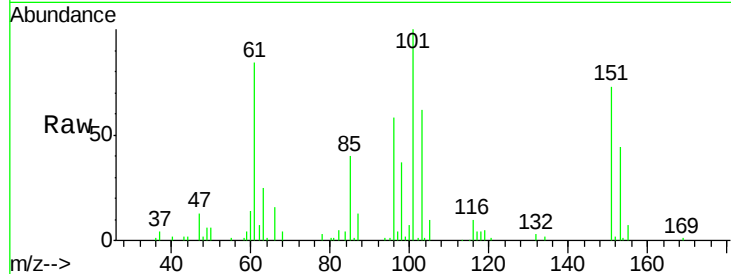
ClientSampleId :

VY0120SBS01

Tot Ion:	101	Resp:	40187
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.2	52.8
151	75.5	61.4	92.2

Manual Integrations
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MMDadoda
1/21/2020 10:59:51 AM



#10

Methyl Iodide

Concen: 17.684 ug/l

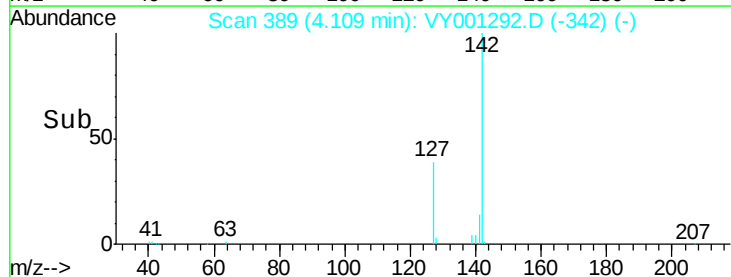
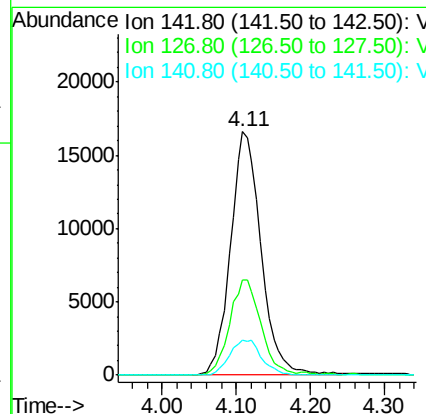
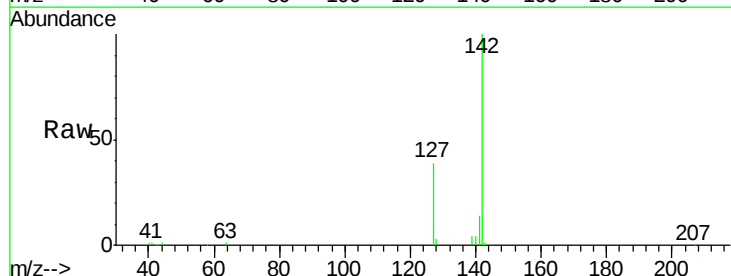
RT: 4.11 min Scan# 389

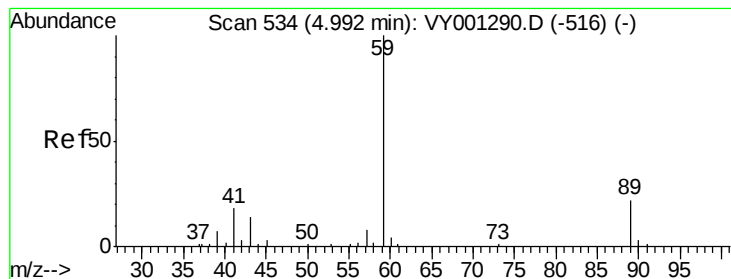
Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Tgt Ion:	142	Resp:	47676
Ion Ratio	Lower	Upper	
142	100		
127	39.6	30.8	46.2
141	14.8	11.0	16.4





#11

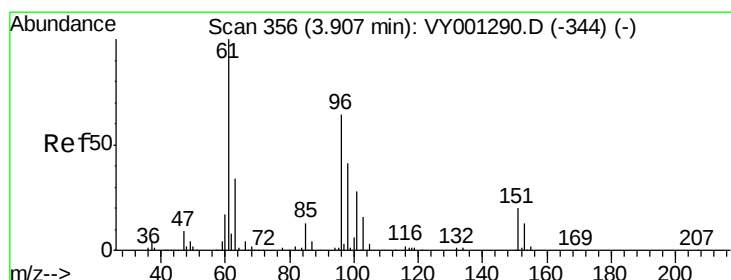
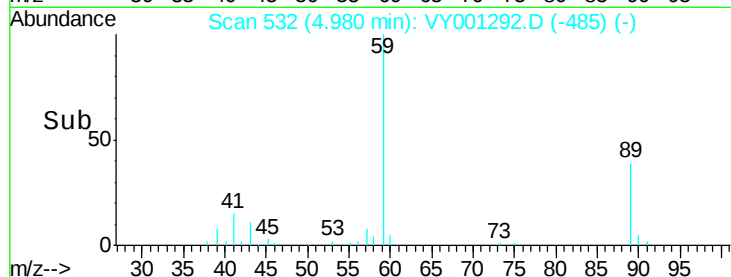
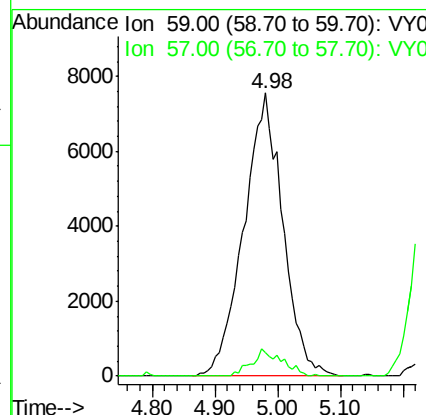
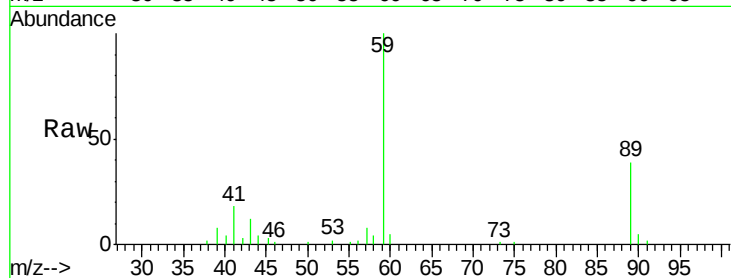
Tert butyl alcohol
 Concen: 154.965 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Tot Ion: 59 Resp: 32460
 Ion Ratio Lower Upper
 59 100
 57 7.4 7.8 11.8#

Manual Integrations
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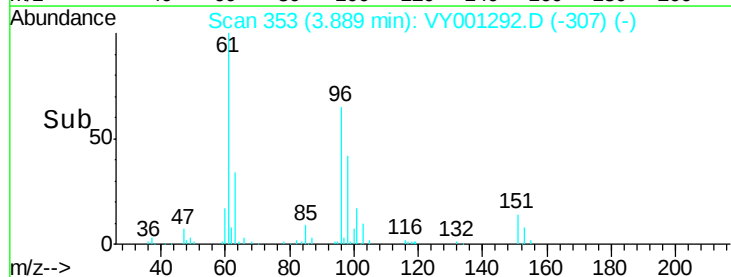
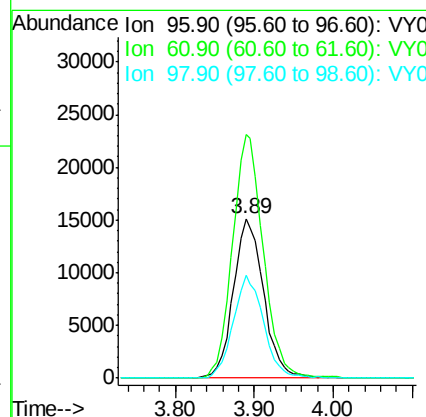
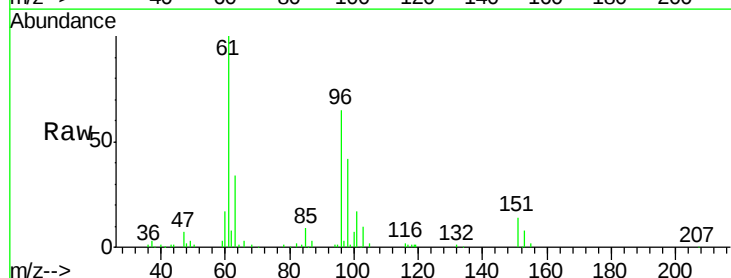
MMDadoda
 1/21/2020 10:59:51 AM

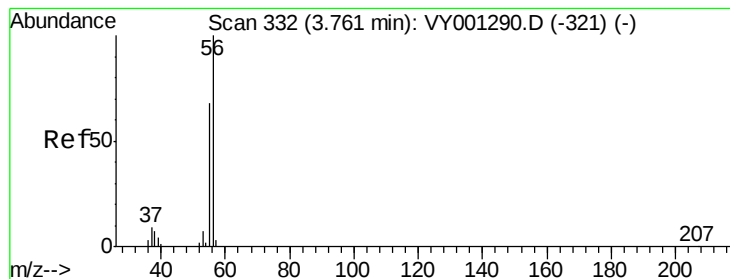


#12

1,1-Dichloroethene
 Concen: 20.043 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion: 96 Resp: 40389
 Ion Ratio Lower Upper
 96 100
 61 152.7 122.1 183.1
 98 64.7 51.0 76.6





#13

Acrolein

Concen: 106.129 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion: 56 Resp: 20013

Ion Ratio Lower Upper

56 100

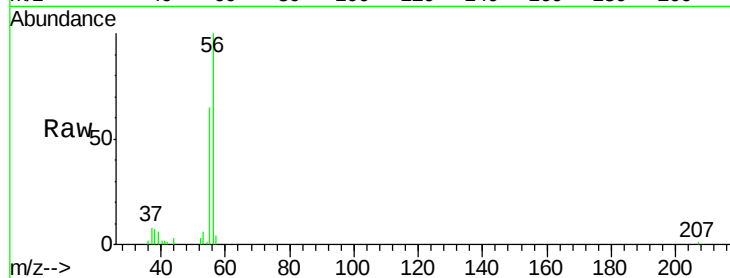
55 69.6 56.7 85.1

Manual Integrations

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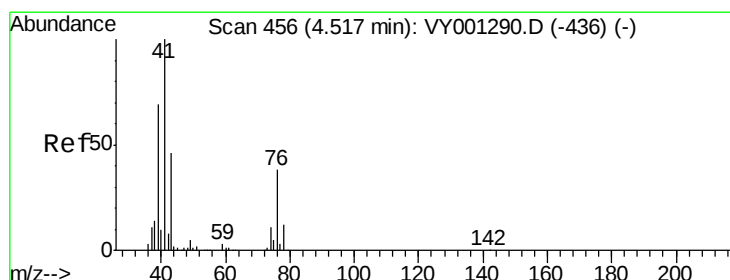
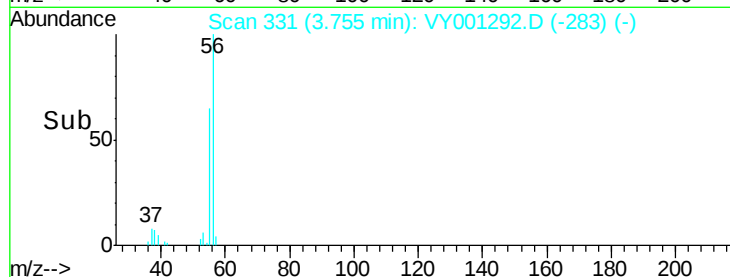
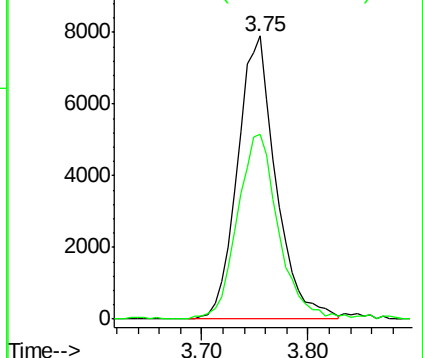
MMDadoda

1/21/2020 10:59:51 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.115 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

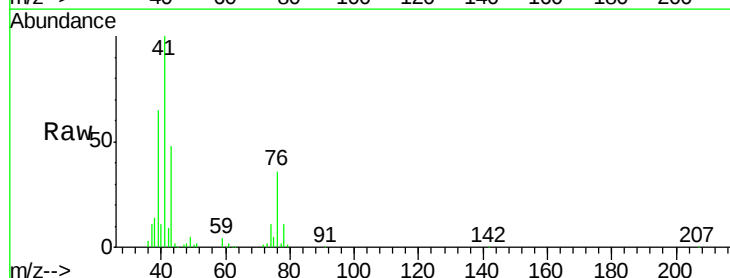
Tgt Ion: 41 Resp: 71811

Ion Ratio Lower Upper

41 100

39 65.5 52.6 78.8

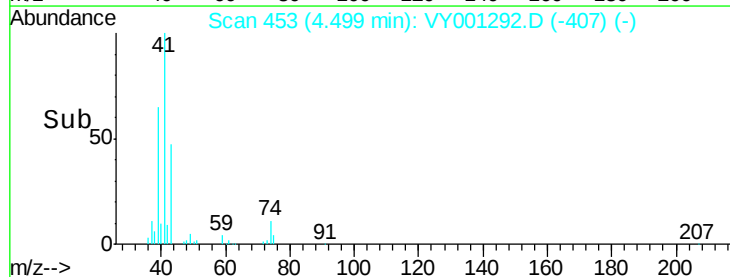
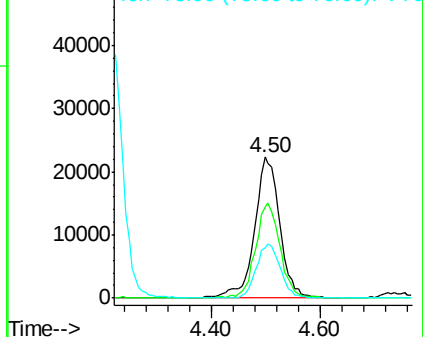
76 36.6 30.2 45.2

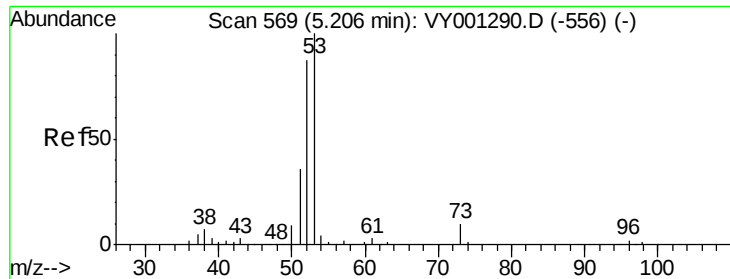


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 107.025 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

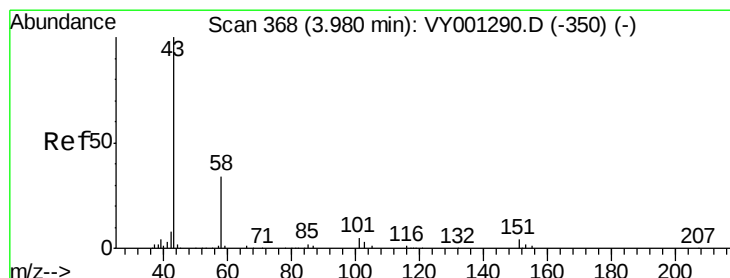
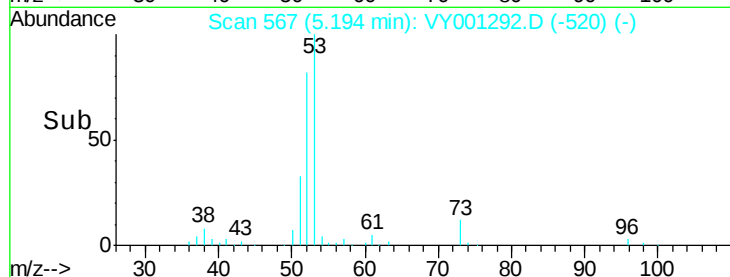
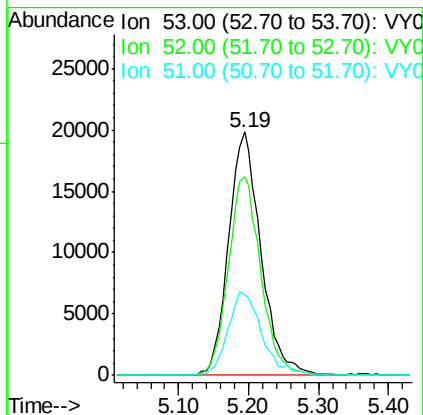
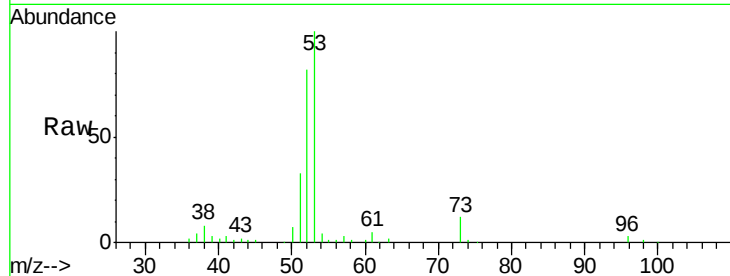
ClientSampleId :

VY0120SBS01

Tot Ion:	53	Resp:	63642
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.7	98.5
51	35.9	28.7	43.1

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 116.731 ug/l

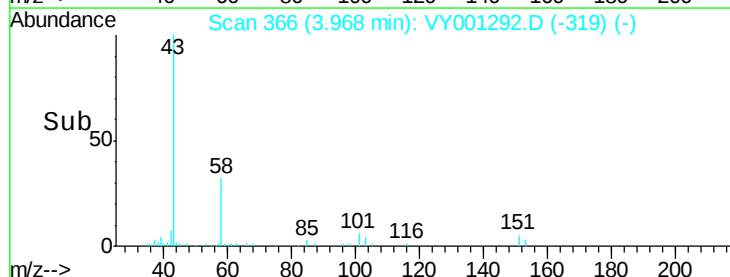
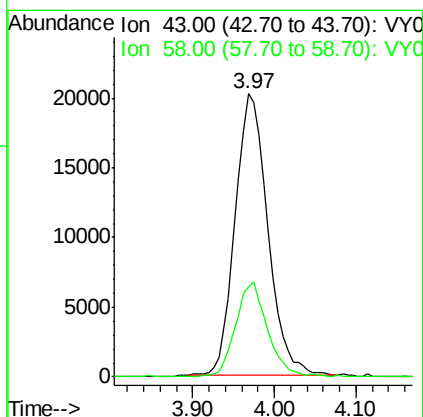
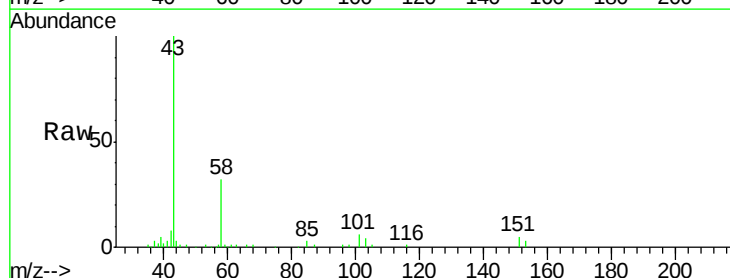
RT: 3.97 min Scan# 366

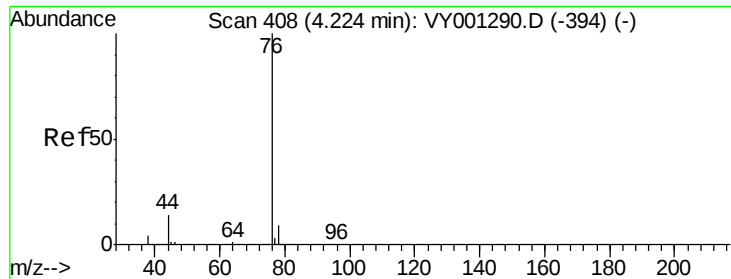
Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Tgt Ion:	43	Resp:	56440
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.8	38.6





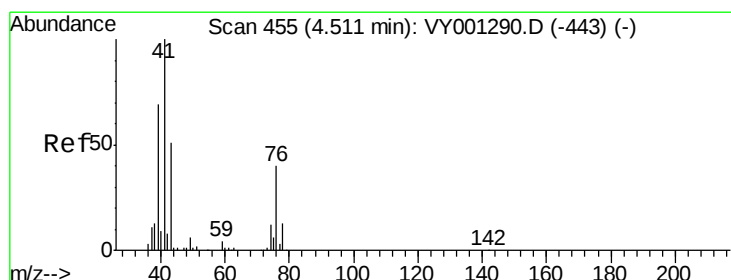
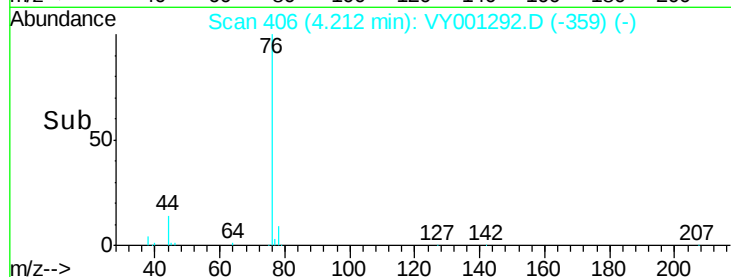
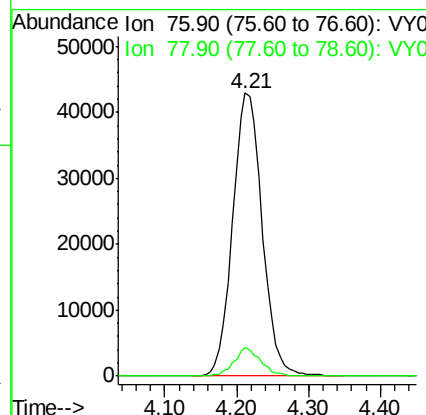
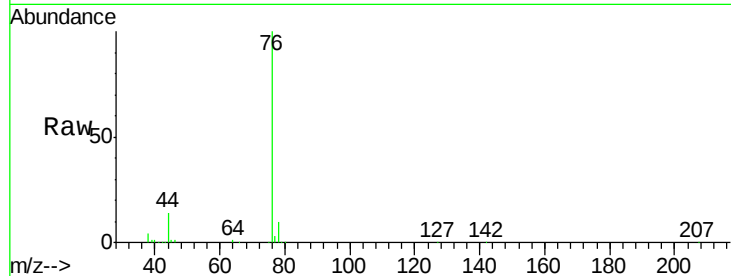
#17
Carbon Disulfide
Concen: 18.772 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.2	10.8

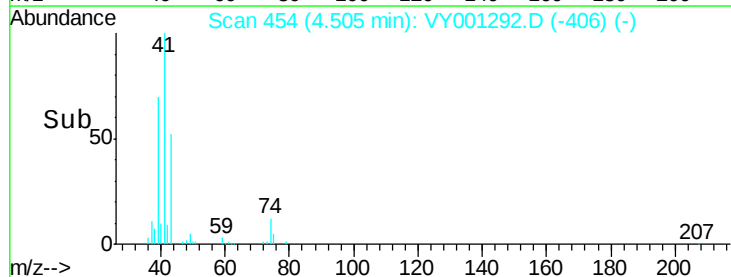
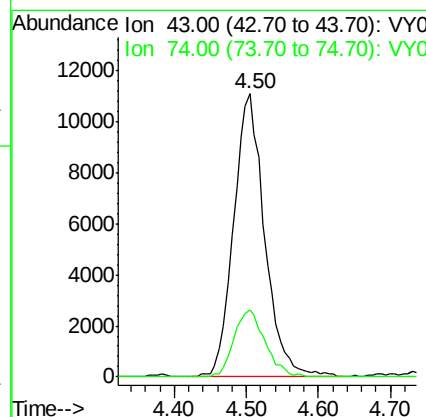
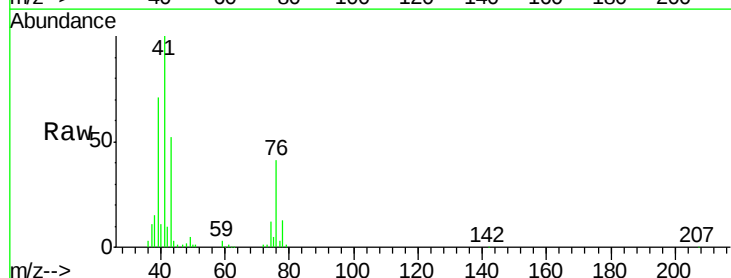
Manual Integrations
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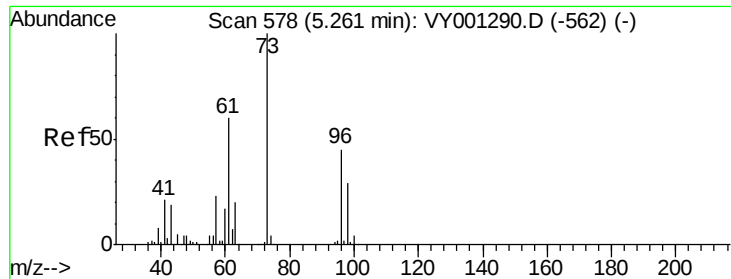
MMDadoda
1/21/2020 10:59:51 AM



#18
Methyl Acetate
Concen: 20.805 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	20.2	30.2





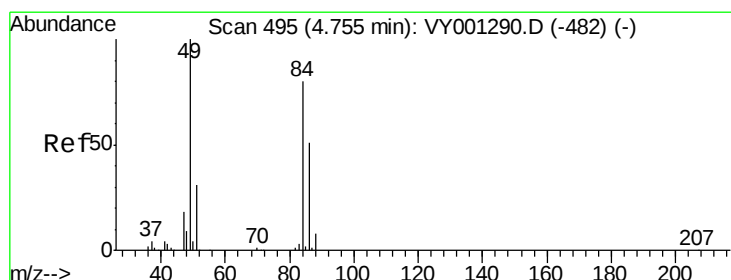
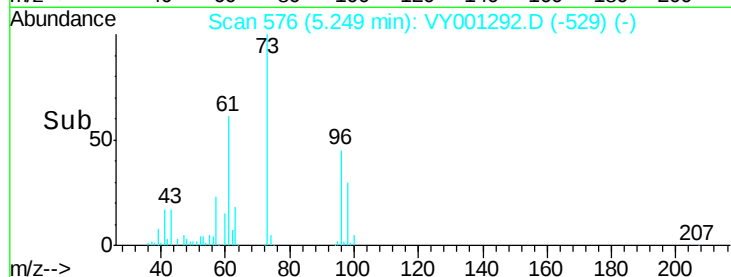
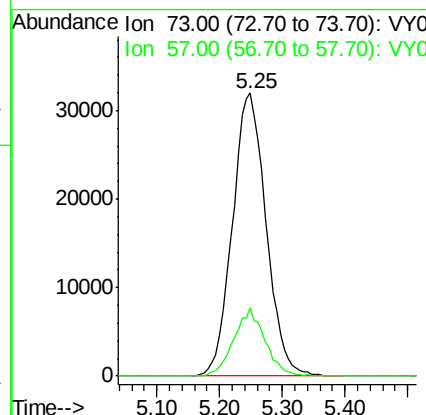
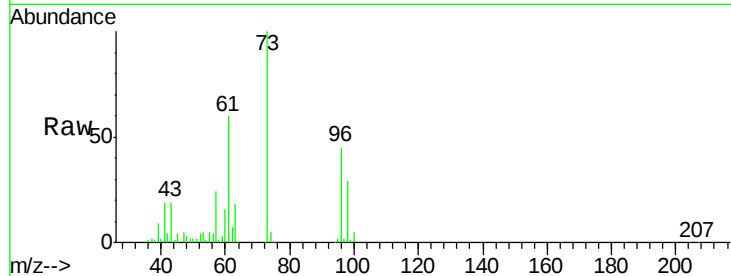
#19
Methvl tert-butvl Ether
Concen: 21.269 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion: 73 Resp: 118552
Ion Ratio Lower Upper
73 100
57 23.9 17.8 26.6

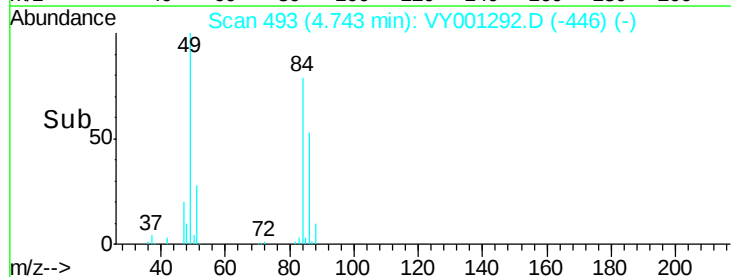
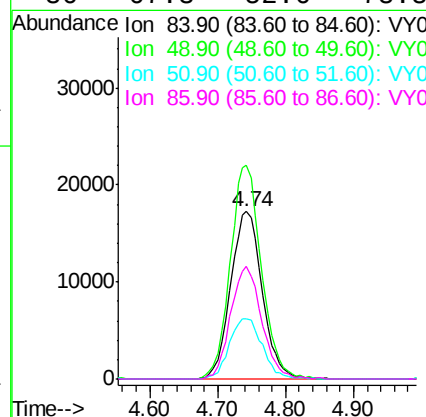
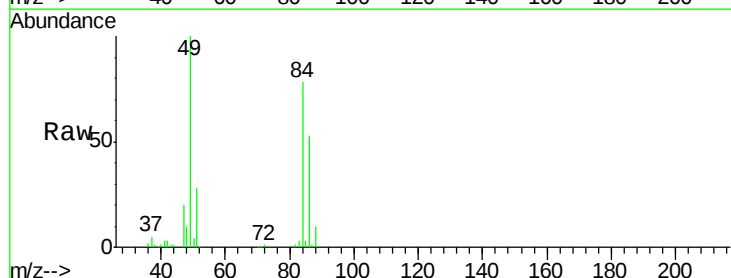
Manual Integrations
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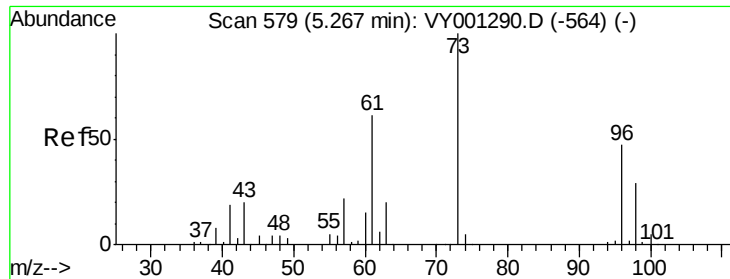
MMDadoda
1/21/2020 10:59:51 AM



#20
Methylene Chloride
Concen: 21.518 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 84 Resp: 55574
Ion Ratio Lower Upper
84 100
49 127.5 93.8 140.6
51 36.1 29.9 44.9
86 67.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.489 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.02 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion: 96 Resp: 46816

Ion Ratio Lower Upper

96 100

61 140.1 107.6 161.4

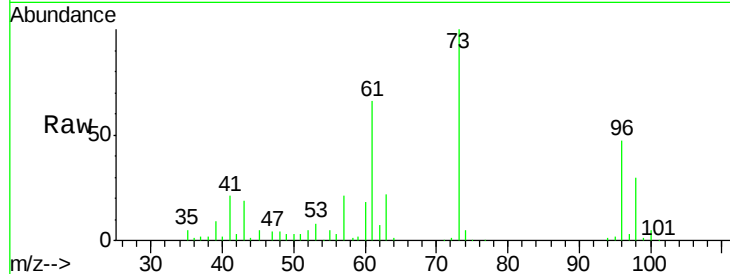
98 63.9 47.6 71.4

Manual Integrations

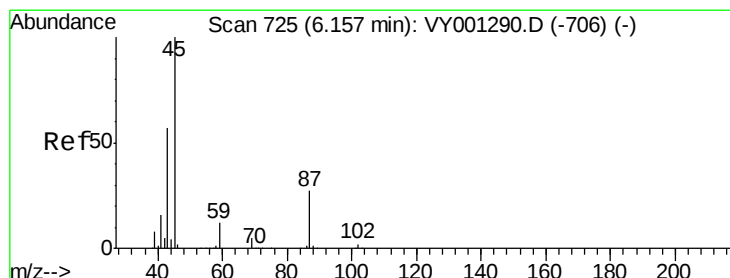
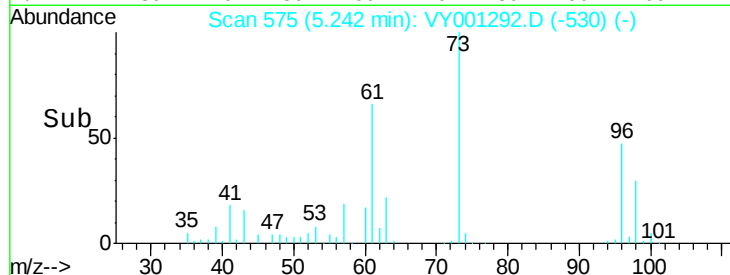
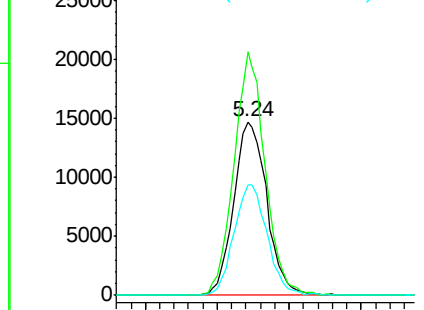
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.408 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Tgt Ion: 45 Resp: 148712

Ion Ratio Lower Upper

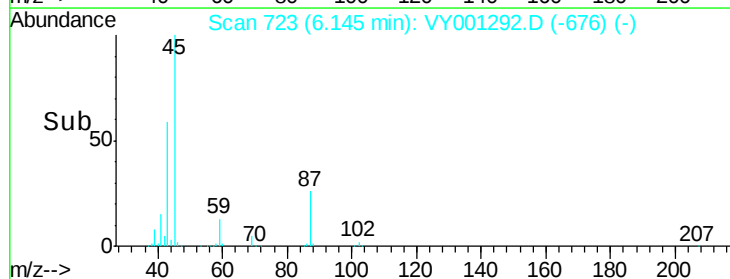
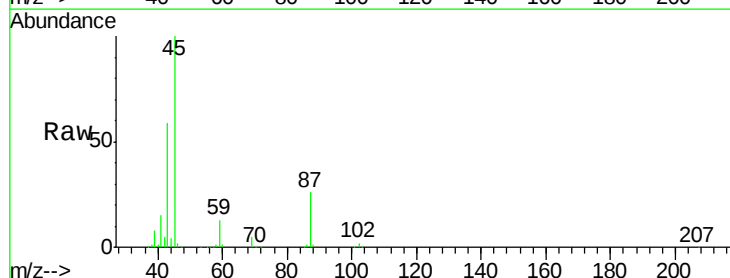
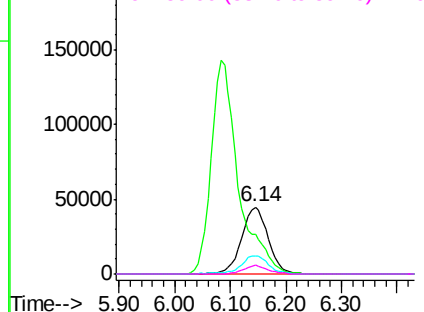
45 100

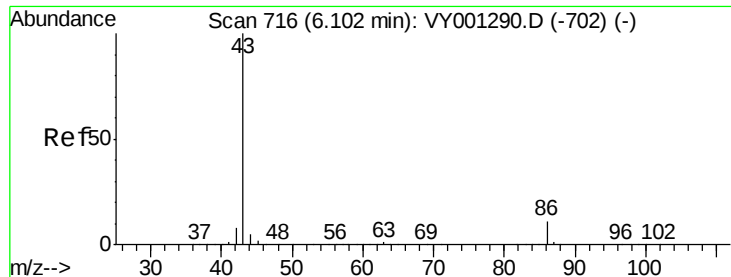
43 59.0 46.5 69.7

87 26.4 22.5 33.7

59 12.6 9.4 14.0

Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 108.938 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.02 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion: 43 Resp: 483967

Ion Ratio Lower Upper

43 100

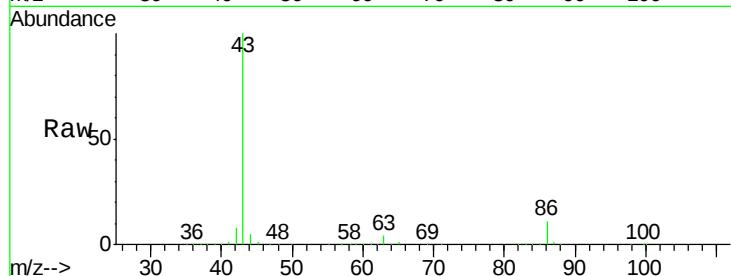
86 10.7 9.0 13.4

Manual Integrations

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MMDadoda

1/21/2020 10:59:51 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

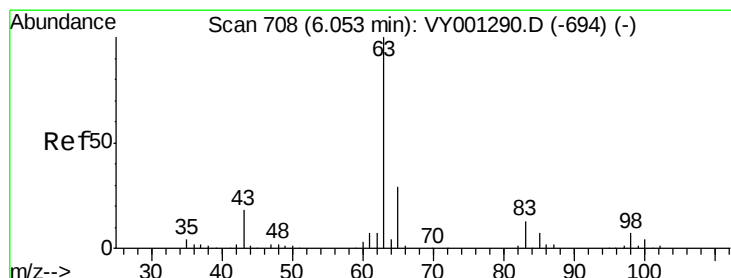
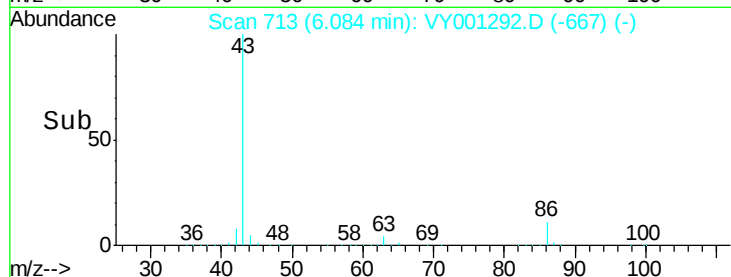
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.422 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

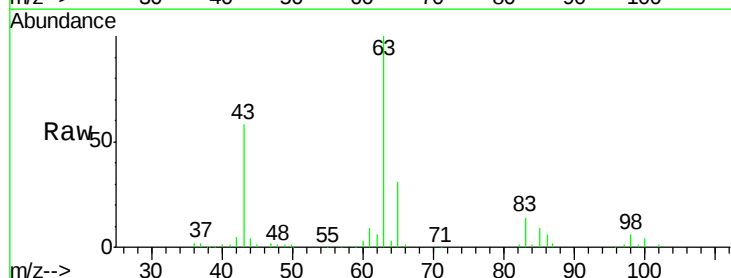
Tgt Ion: 63 Resp: 81465

Ion Ratio Lower Upper

63 100

98 6.4 3.9 11.7

100 3.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

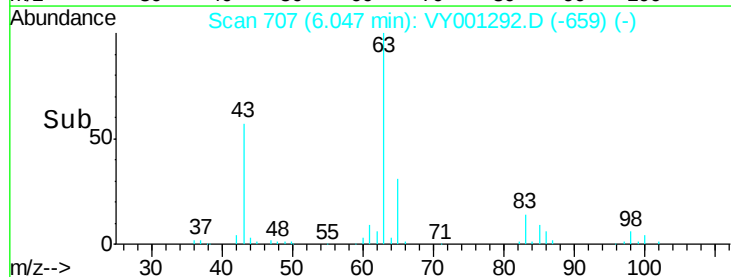
30000

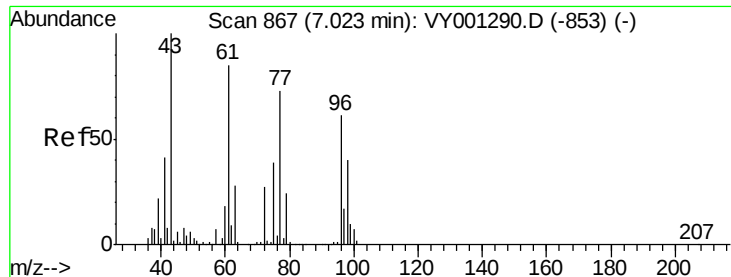
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 118.636 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion: 43 Resp: 89274

Ion Ratio Lower Upper

43 100

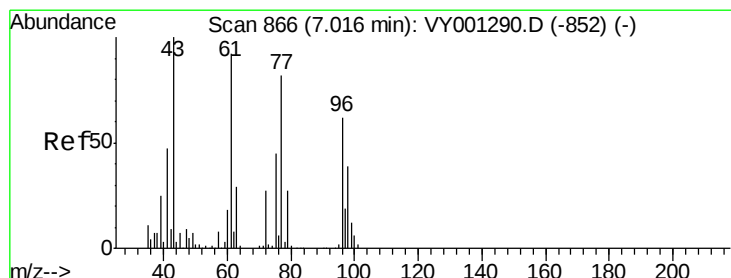
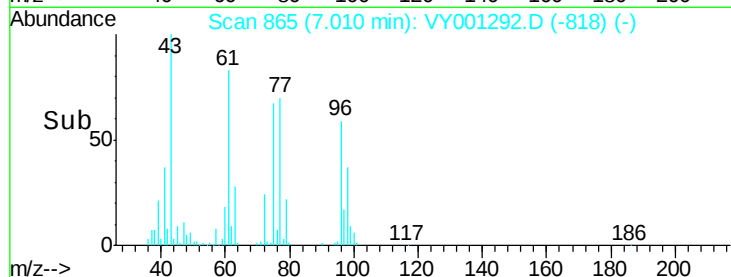
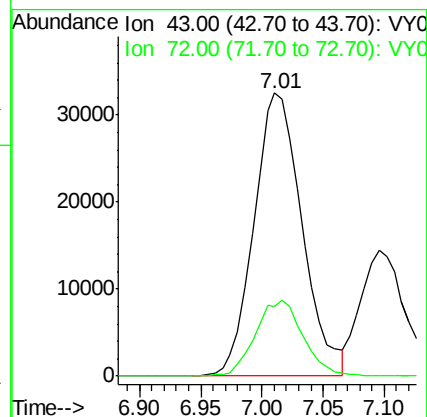
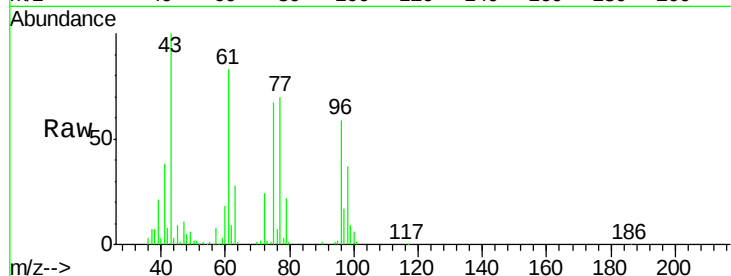
72 24.4 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.894 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001292.D

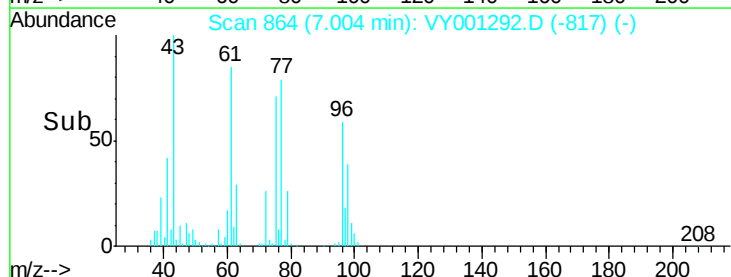
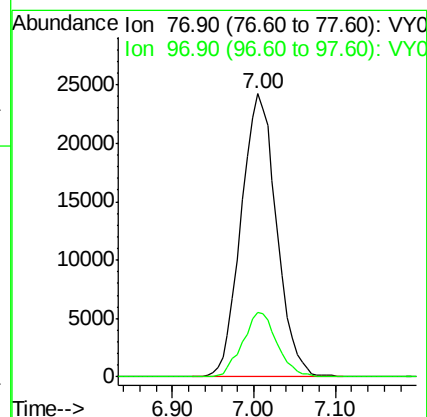
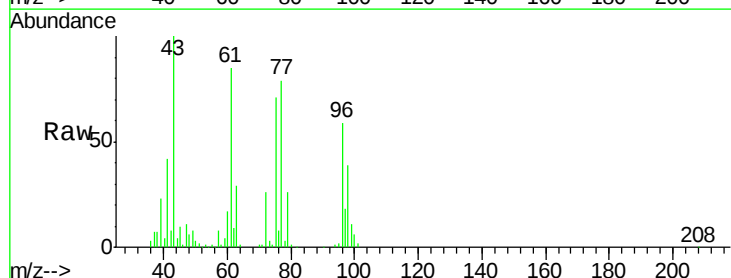
Acq: 20 Jan 2020 13:58

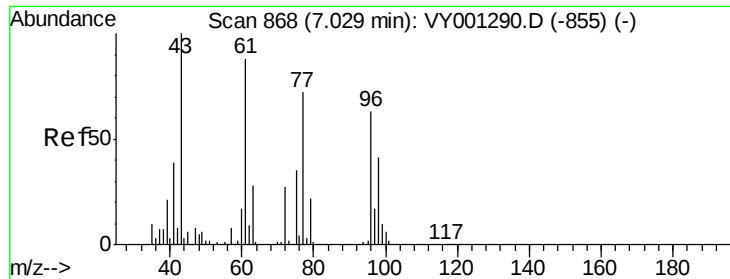
Tgt Ion: 77 Resp: 73067

Ion Ratio Lower Upper

77 100

97 22.2 11.9 35.7





#27

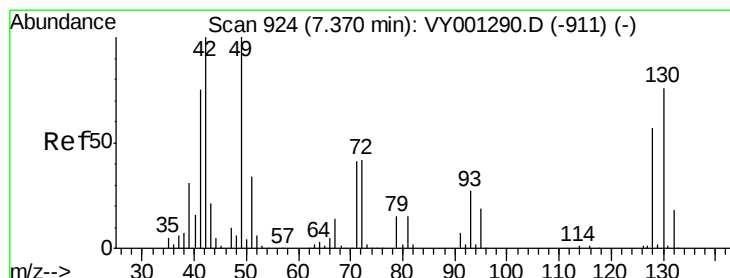
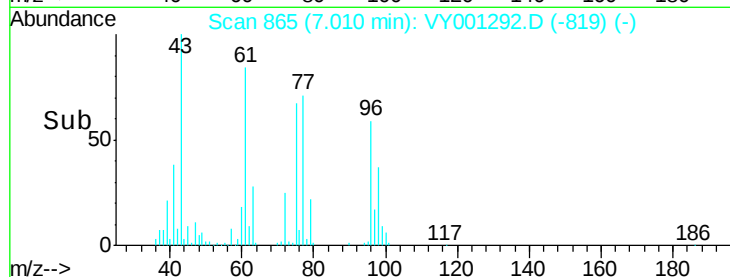
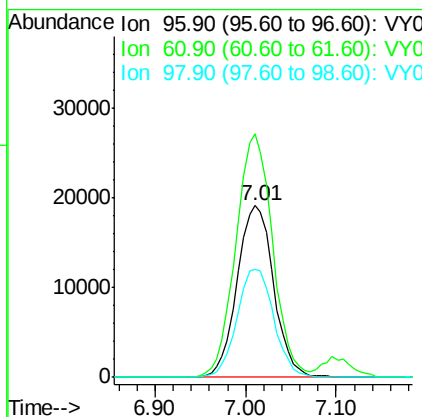
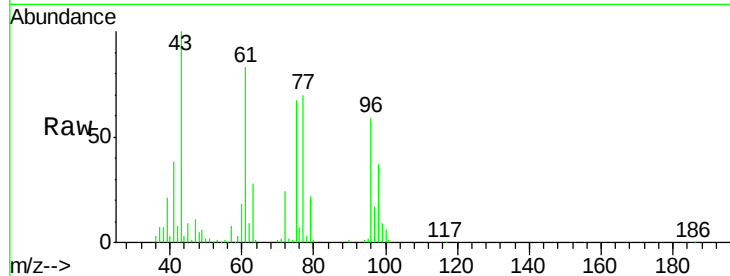
cis-1,2-Dichloroethene
Concen: 21.249 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.02 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	53201		
61	143.0	0.0	284.0	
98	63.5	0.0	130.2	

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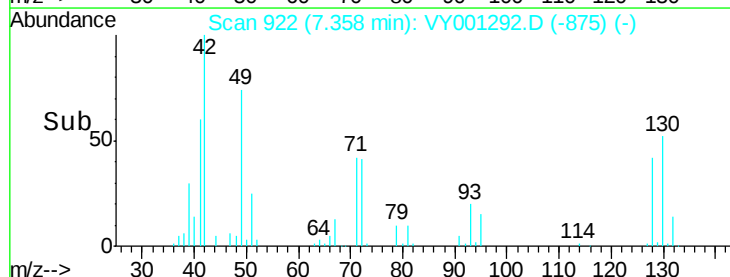
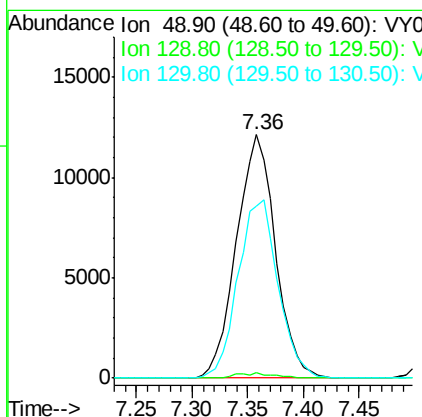
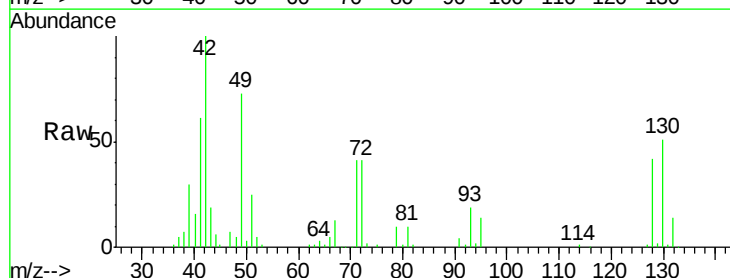
MMDadoda
1/21/2020 10:59:51 AM

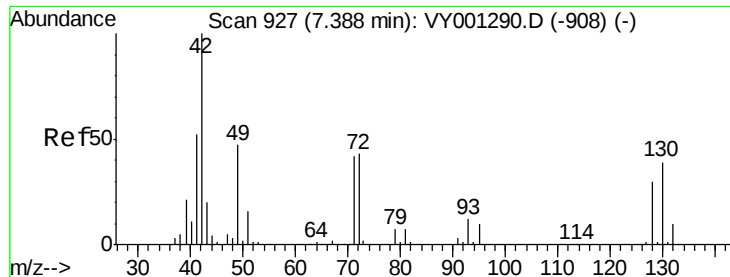


#28

Bromochloromethane
Concen: 18.924 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29553		
129	1.9	0.0	4.4	
130	75.3	61.2	91.8	





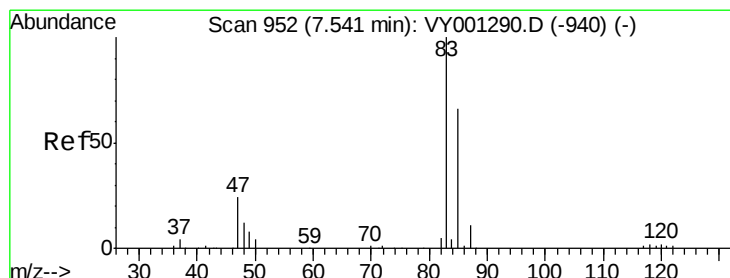
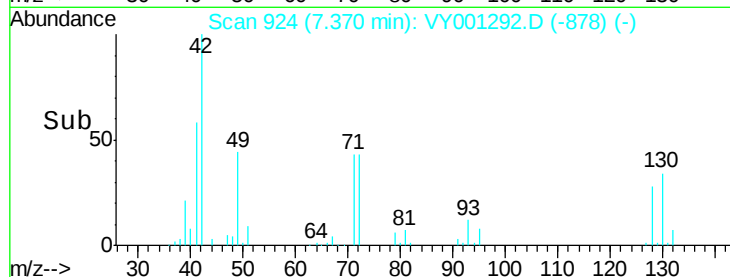
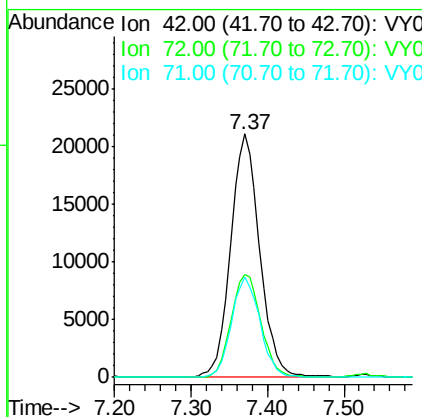
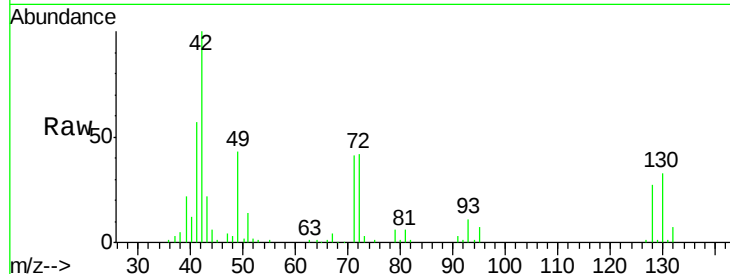
#29
Tetrahydrofuran
Concen: 107.432 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.02 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	36.9	55.3
71	40.4	34.0	51.0

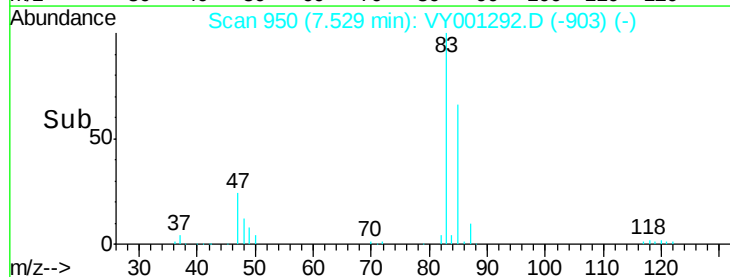
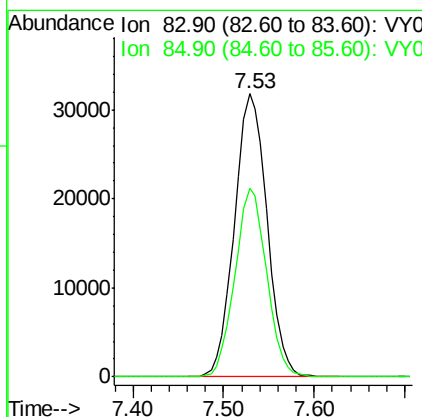
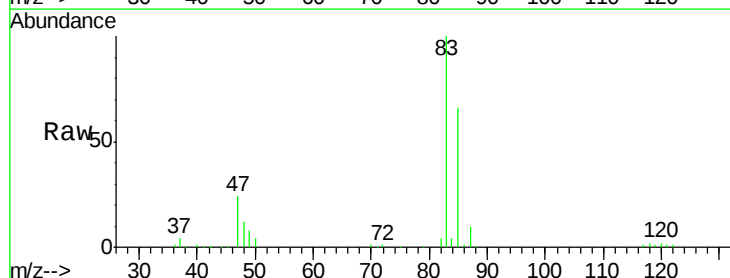
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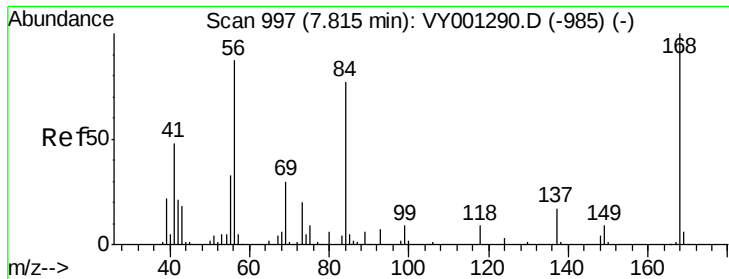
MMDadoda
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#30
Chloroform
Concen: 21.259 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.9	77.9





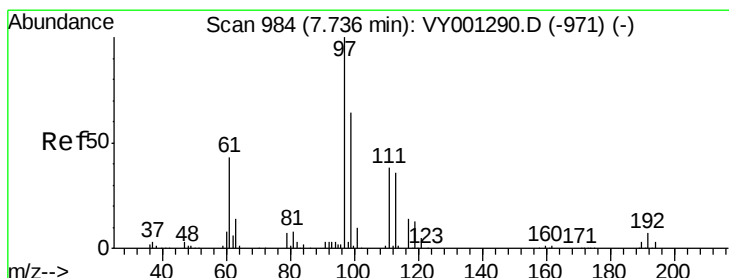
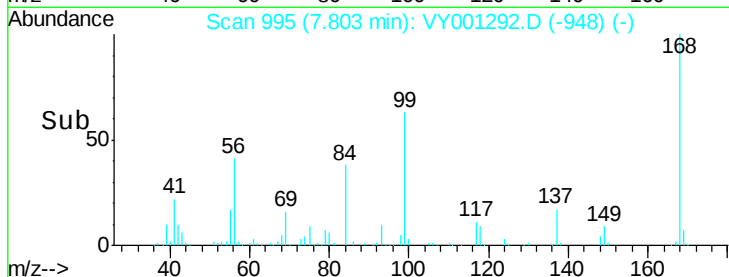
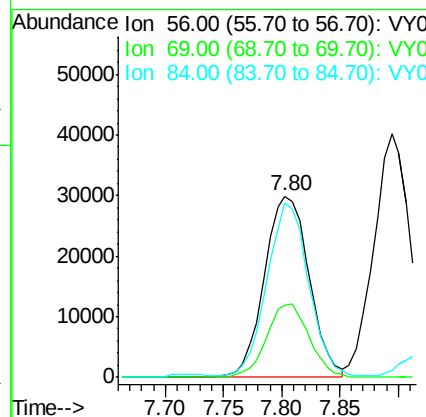
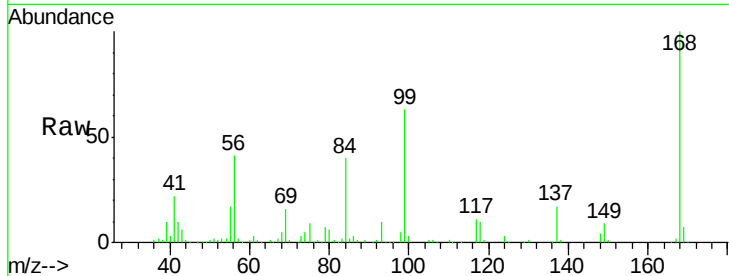
#31
Cyclohexane
Concen: 19.731 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.5	27.8	41.8
84	94.6	68.9	103.3

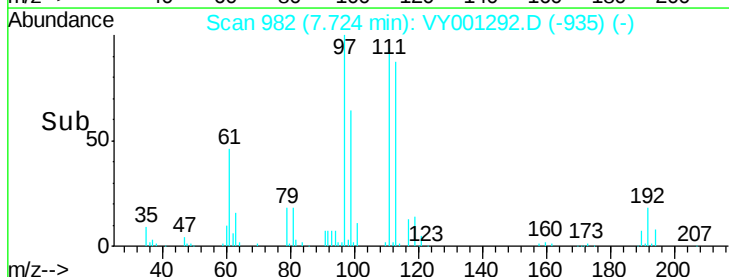
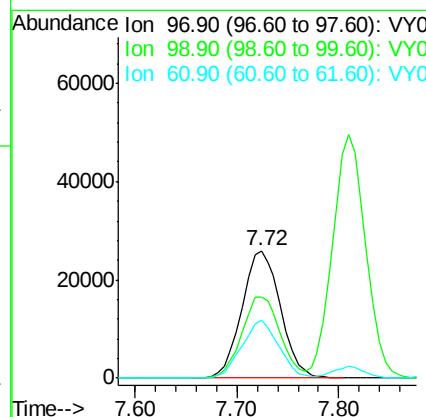
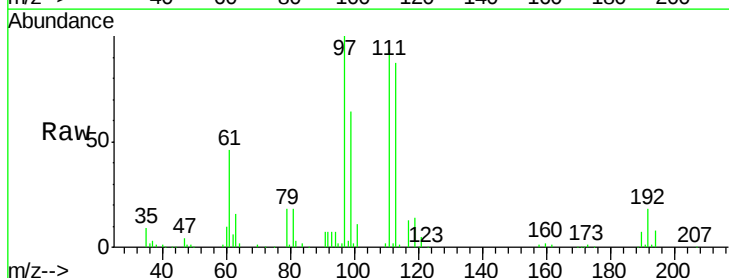
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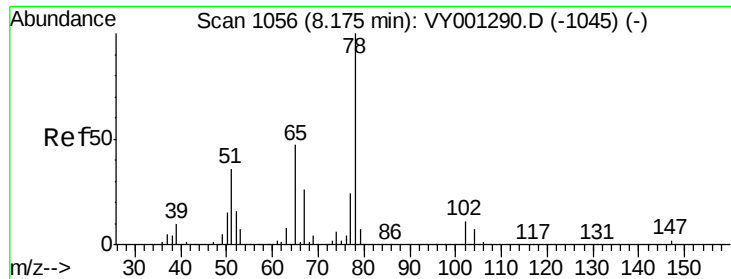
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#32
1,1,1-Trichloroethane
Concen: 20.496 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	43.7	34.6	52.0





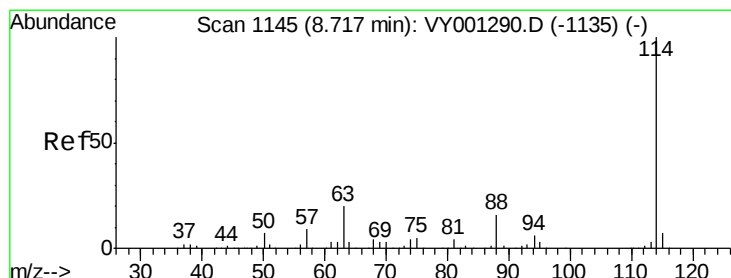
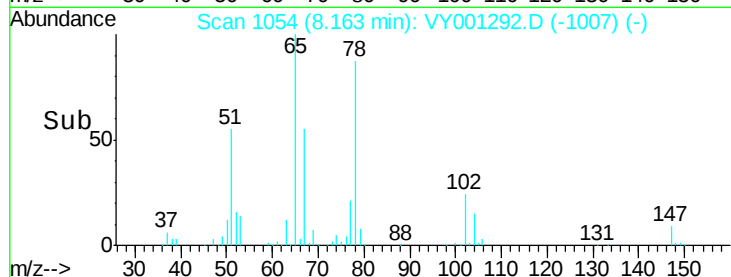
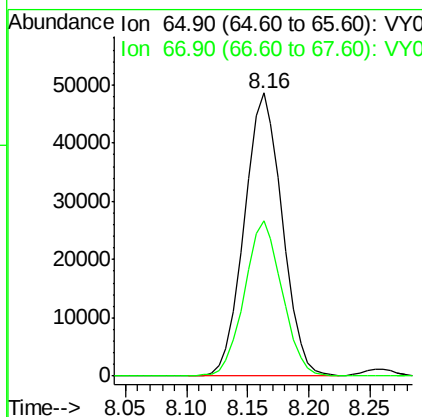
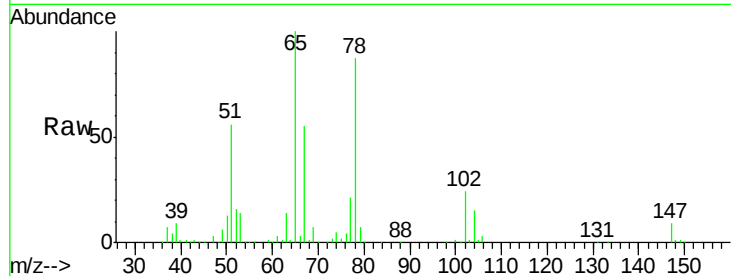
#33
 1,2-Dichloroethane-d4
 Concen: 50.432 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.5	0.0	104994	105.2

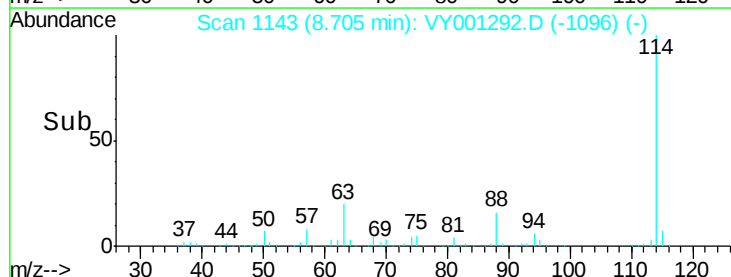
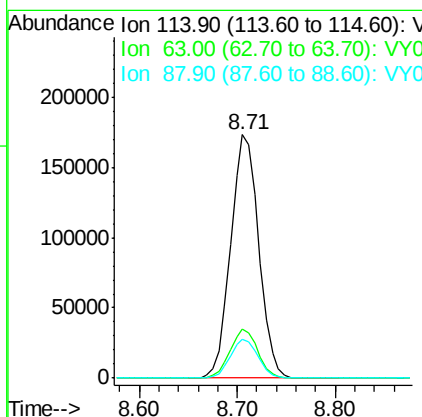
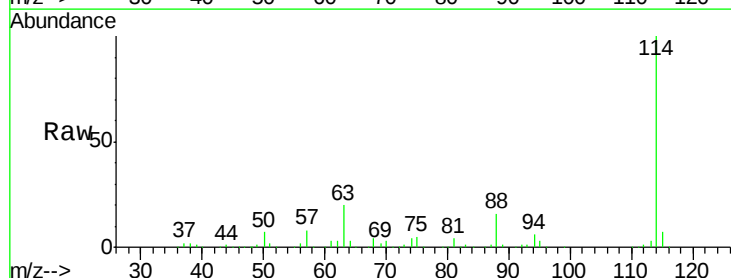
Manual Integrations
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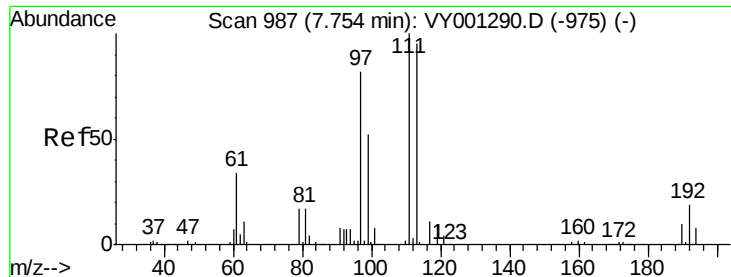
MMDadoda
 1/21/2020 10:59:51 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	344028	40.8
88	16.1	0.0	32.4	





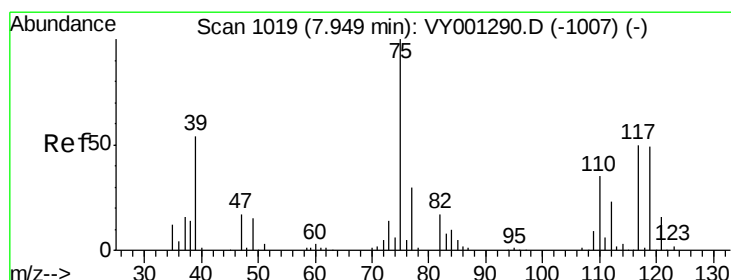
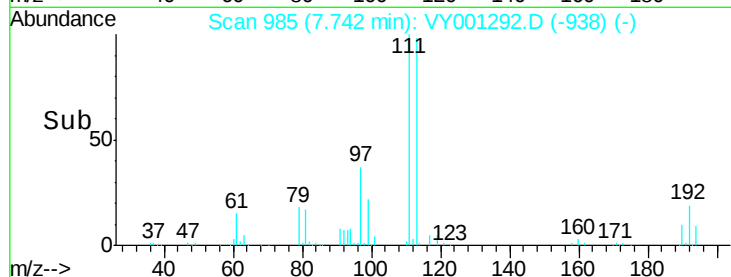
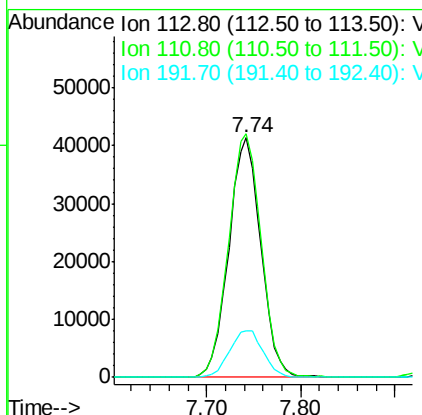
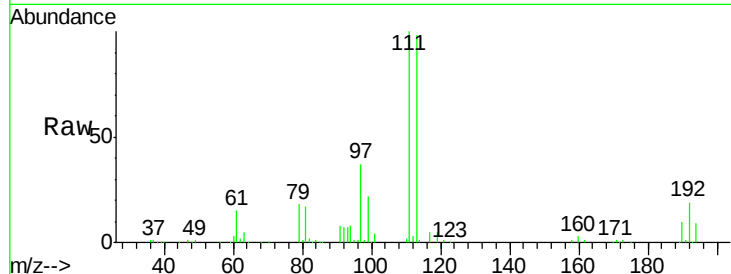
#35
 Dibromofluoromethane
 Concen: 48.472 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	20.5	15.4	23.2

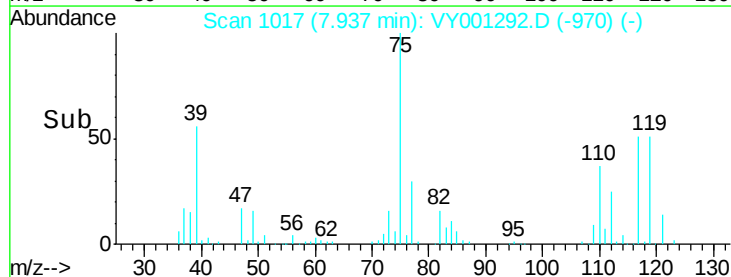
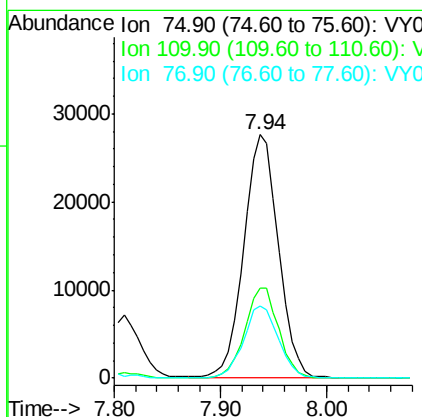
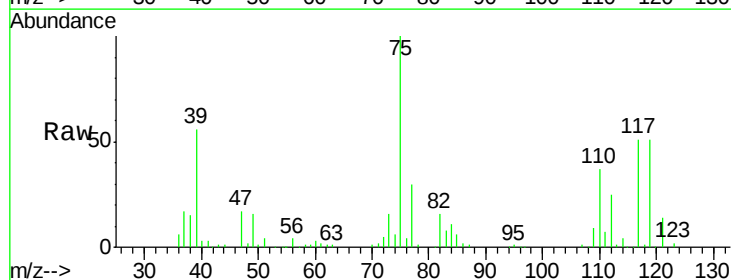
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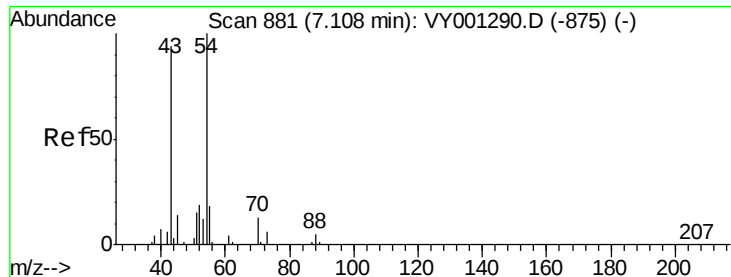
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#36
 1,1-Dichloropropene
 Concen: 20.192 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.3	54.8
77	29.9	25.1	37.7





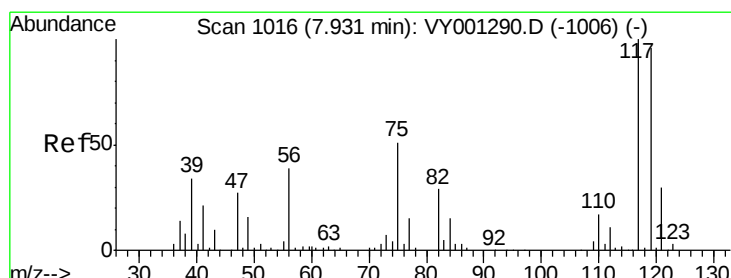
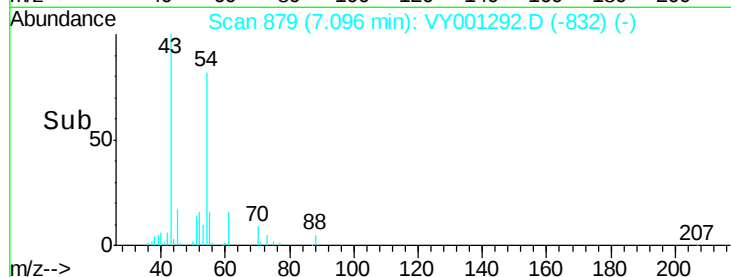
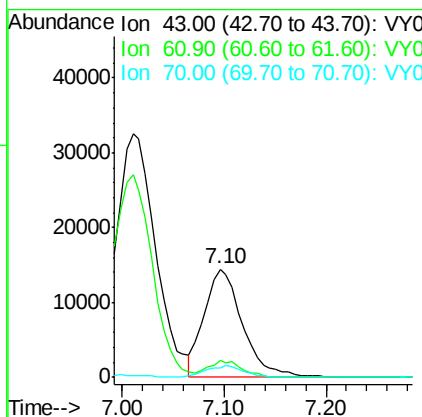
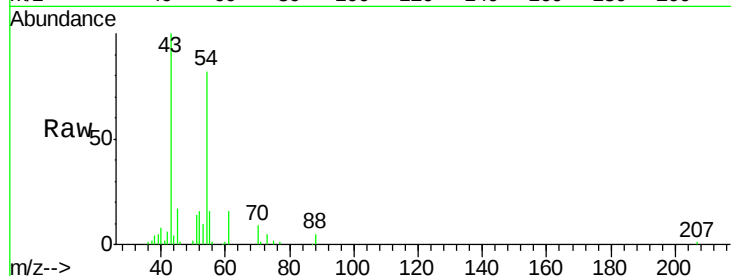
#37
Ethyl Acetate
Concen: 20.416 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	10.7	9.7	14.5

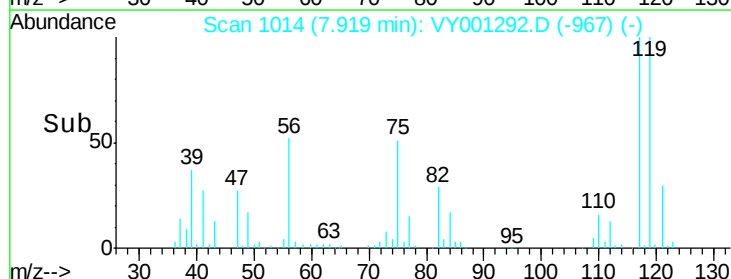
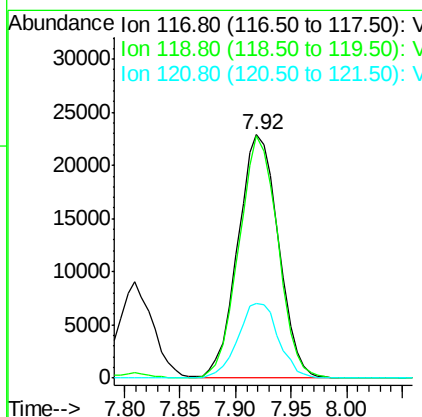
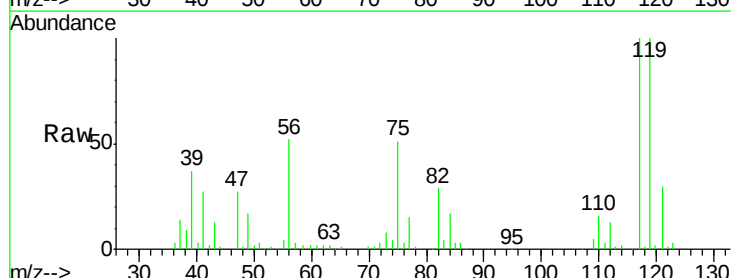
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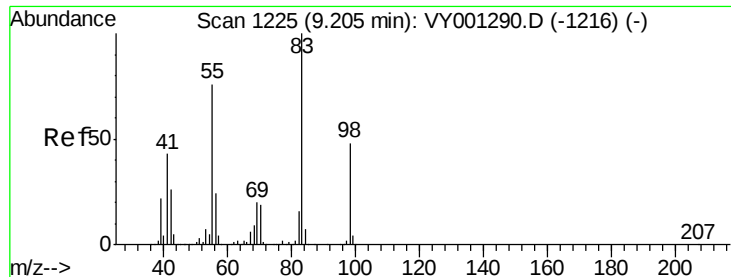
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#38
Carbon Tetrachloride
Concen: 20.222 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	78.3	117.5
121	30.4	23.5	35.3





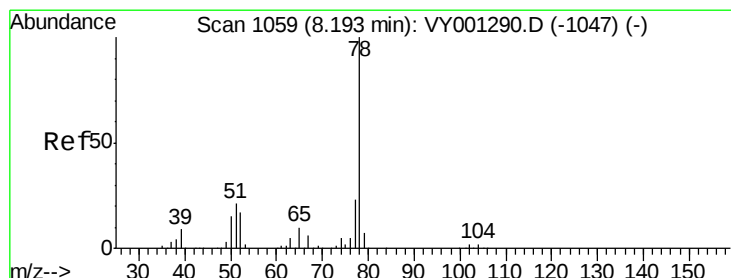
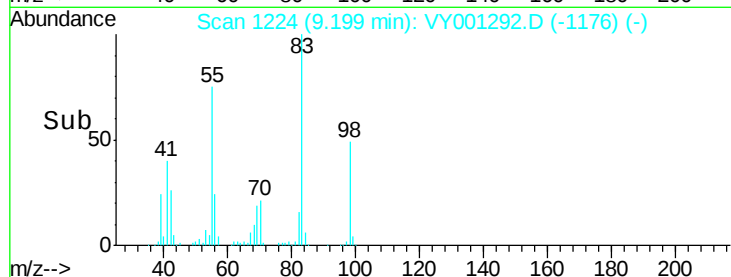
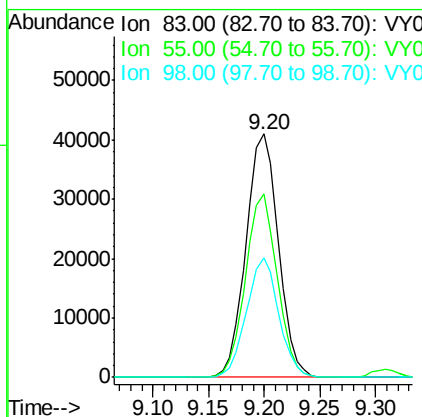
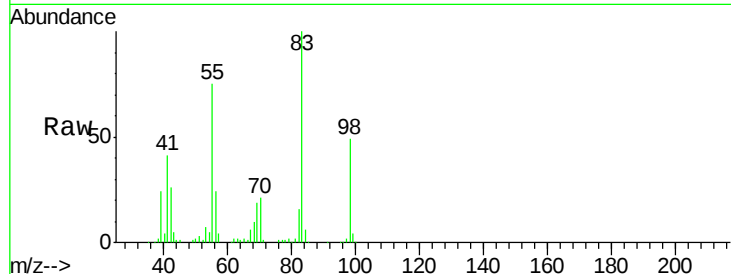
#39
Methvlcvclohexane
Concen: 19.640 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	58.9	88.3
98	49.3	38.4	57.6

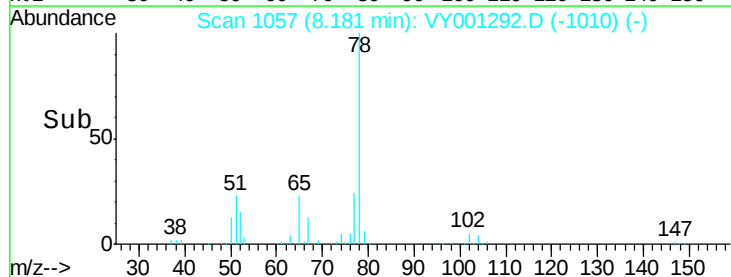
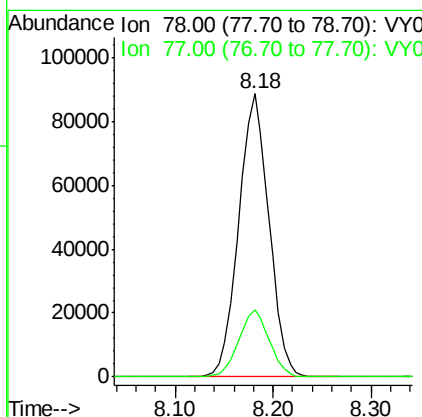
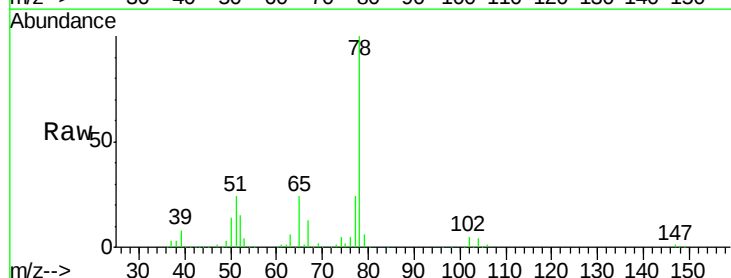
Manual Integrations
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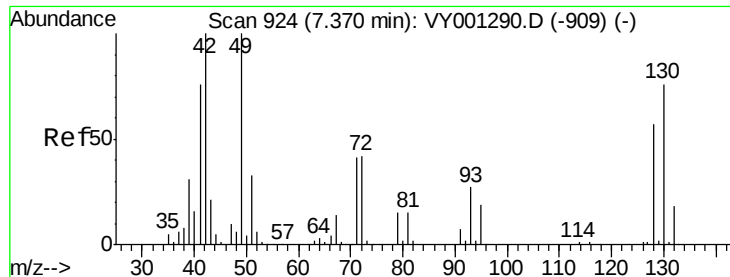
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#40
Benzene
Concen: 20.784 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





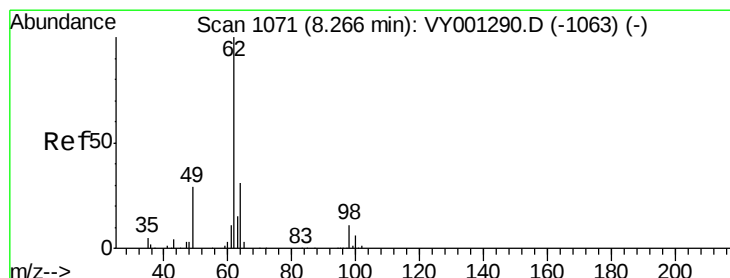
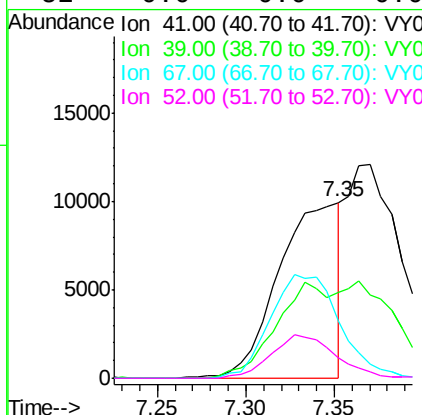
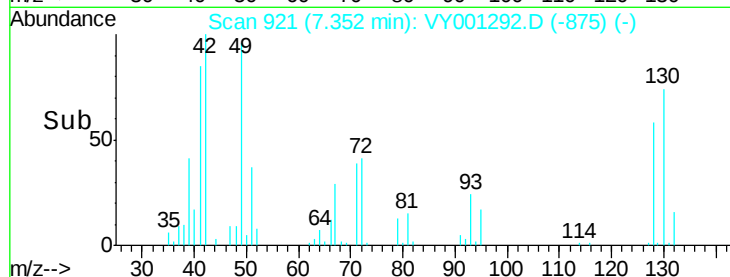
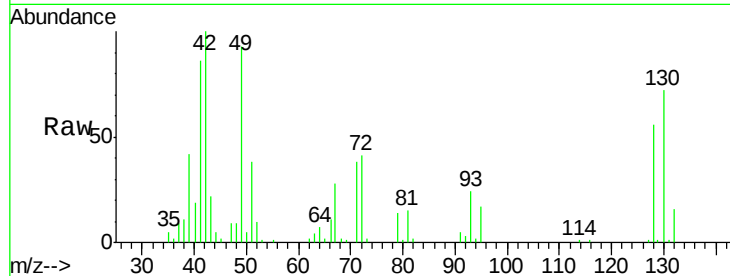
#41
Methacrylonitrile
Concen: 27.531 ug/l m
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	41	Resp	23798
Ion	Ratio	Lower	Upper
41	100		
39	0.0	103.5	155.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

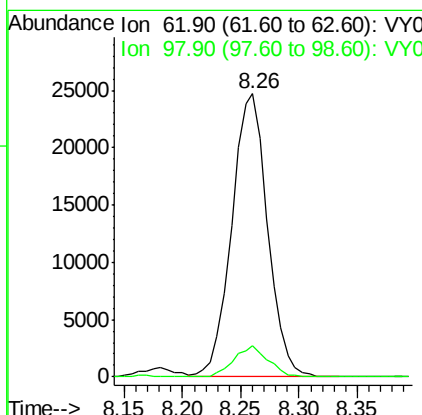
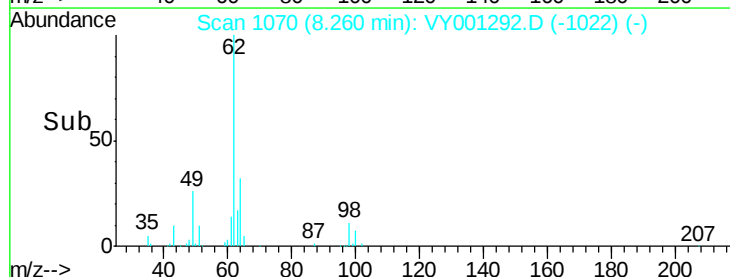
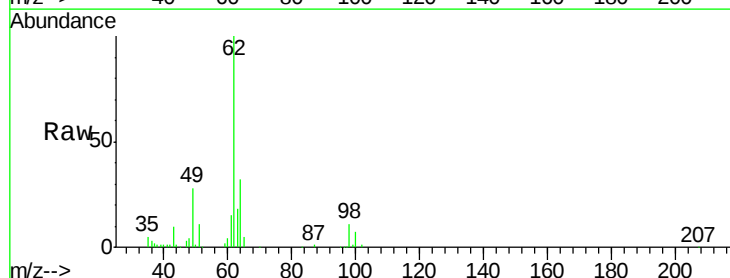
Manual Integrations
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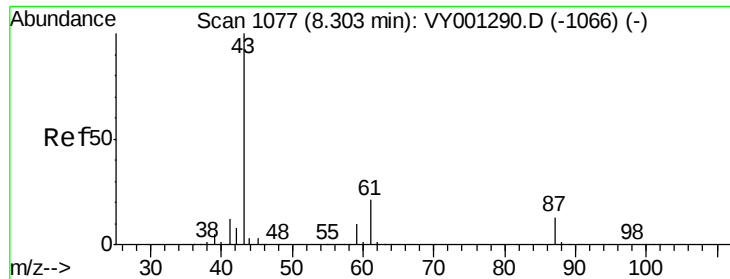
MMDadoda
1/21/2020 10:59:51 AM



#42
1,2-Dichloroethane
Concen: 20.680 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	62	Resp	53002
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4





#43

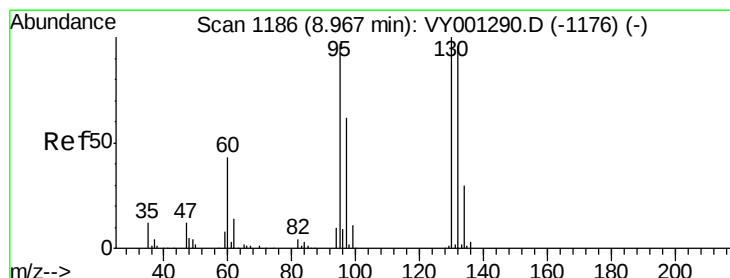
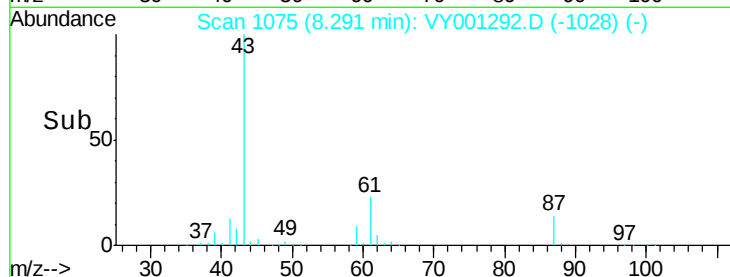
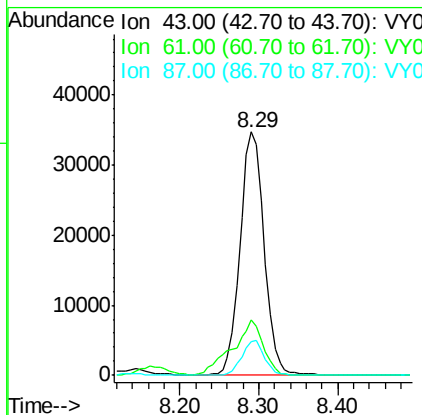
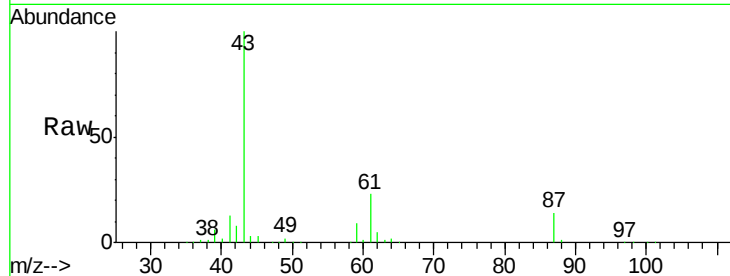
Isopropyl Acetate
 Concen: 21.025 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.9	35.9
87	13.4	11.4	17.2

Manual Integrations
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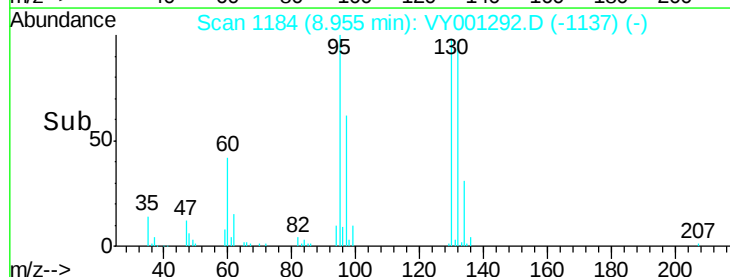
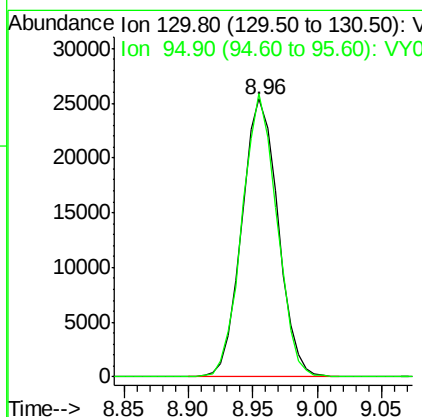
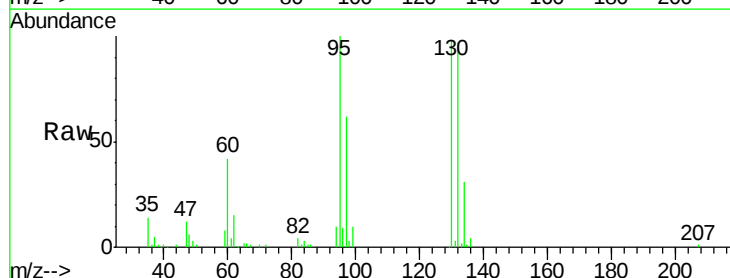
MMDadoda
 1/21/2020 10:59:51 AM

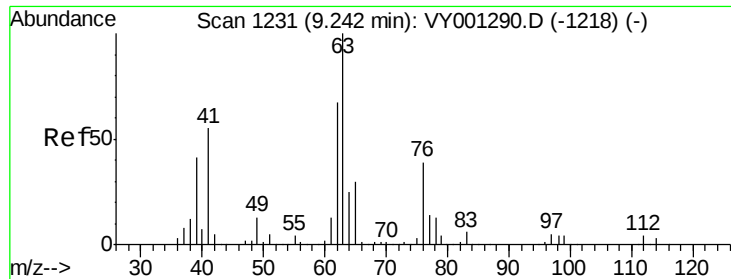


#44

Trichloroethene
 Concen: 20.696 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	197.6





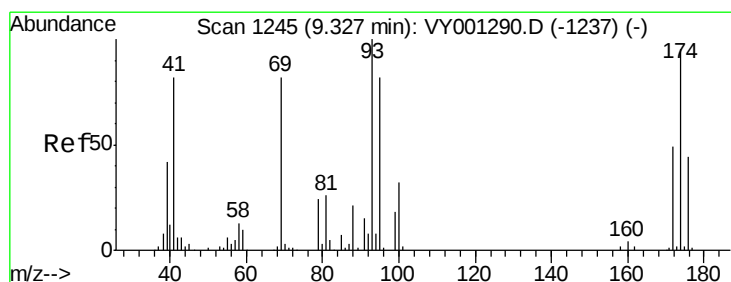
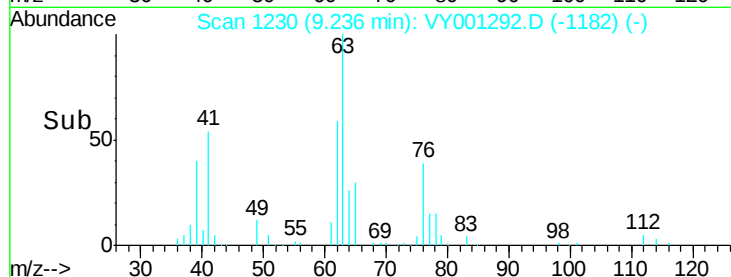
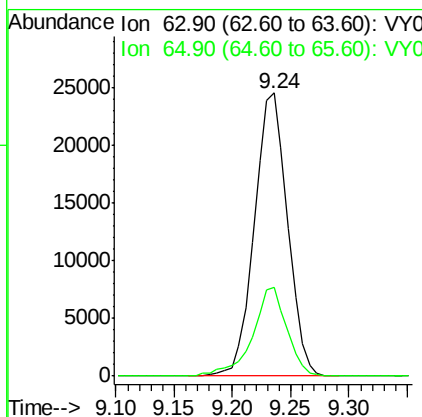
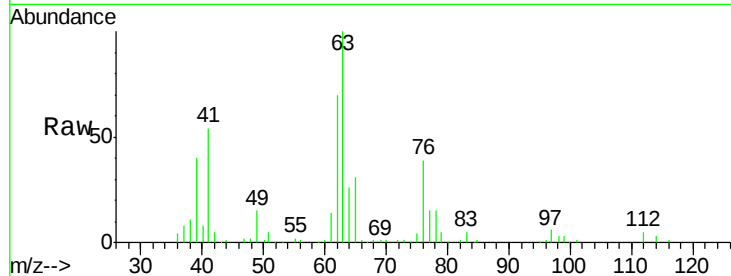
#45
1,2-Dichloropropane
Concen: 21.449 ug/l
RT: 9.24 min Scan# 1230
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion: 63 Resp: 48535
Ion Ratio Lower Upper
63 100
65 31.5 25.8 38.8

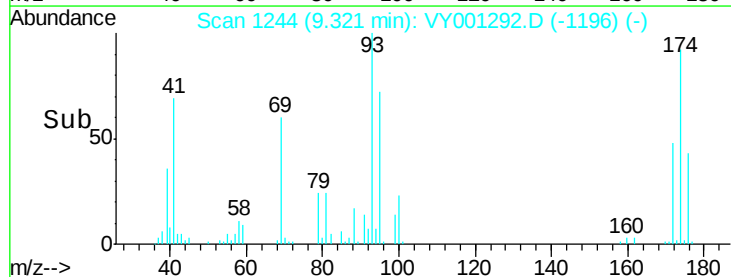
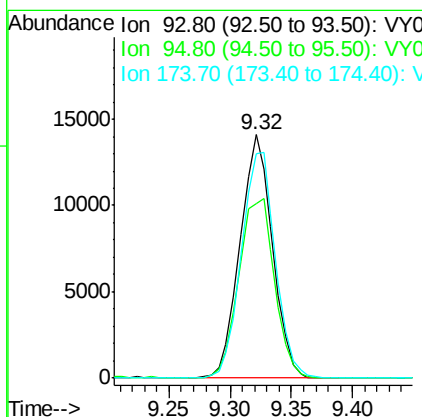
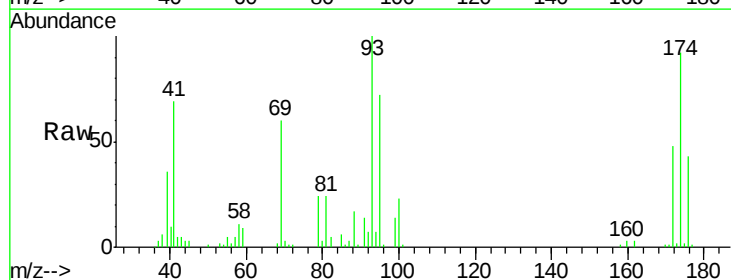
Manual Integrations
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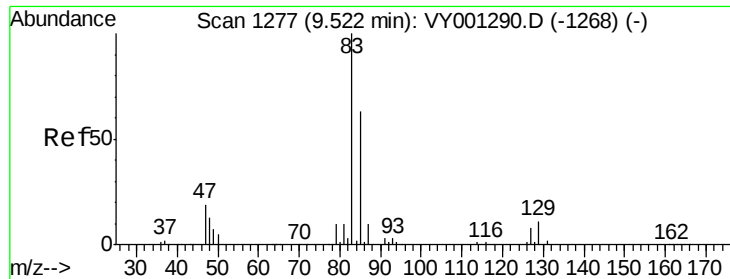
MMDadoda
1/21/2020 10:59:51 AM



#46
Dibromomethane
Concen: 20.999 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 93 Resp: 25926
Ion Ratio Lower Upper
93 100
95 81.5 66.8 100.2
174 97.2 78.4 117.6





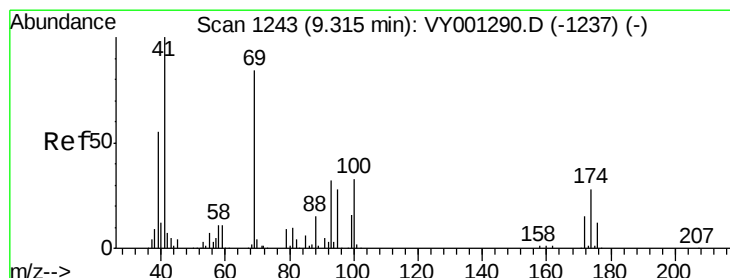
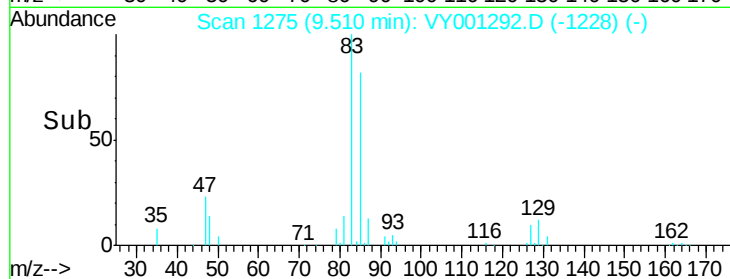
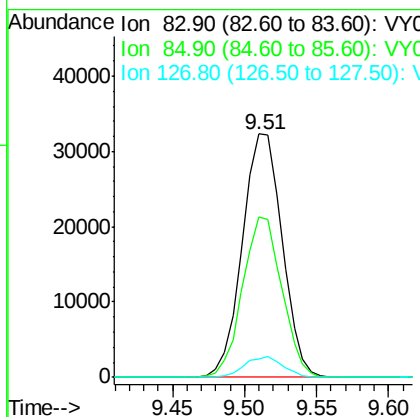
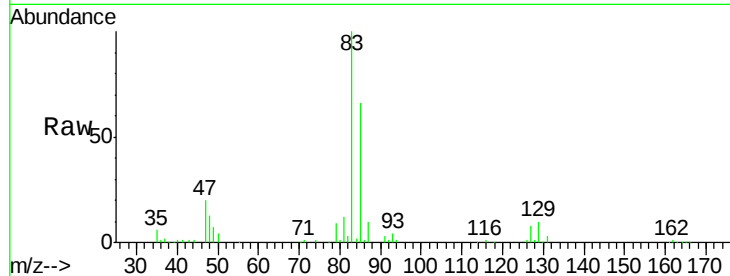
#47
Bromodichloromethane
Concen: 20.565 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.5	77.3
127	7.7	6.3	9.5

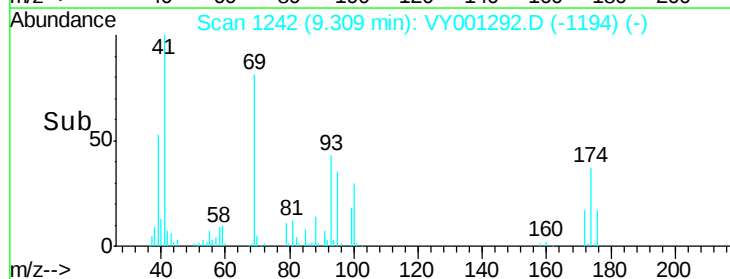
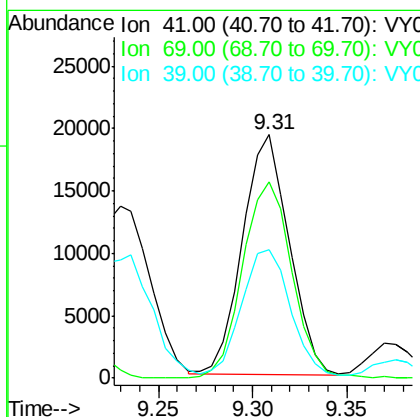
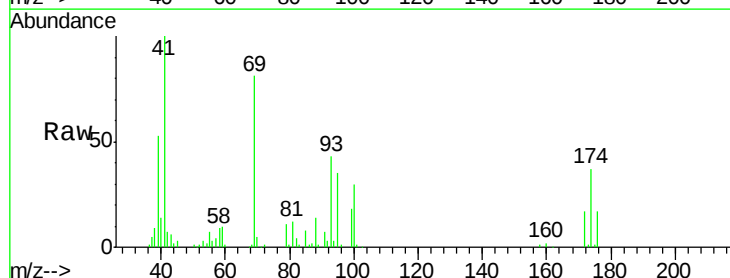
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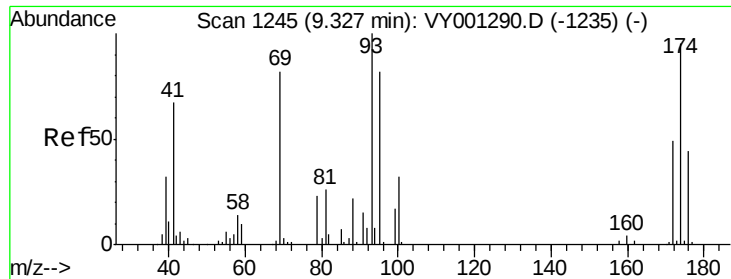
MMDadoda
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#48
Methyl methacrylate
Concen: 20.274 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.6	69.8	104.8
39	57.1	45.2	67.8





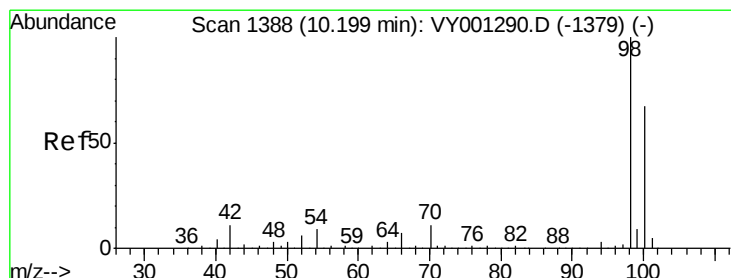
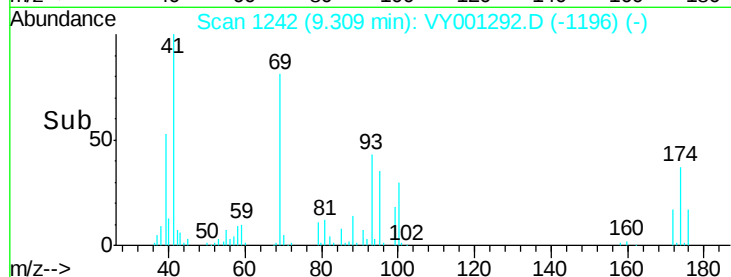
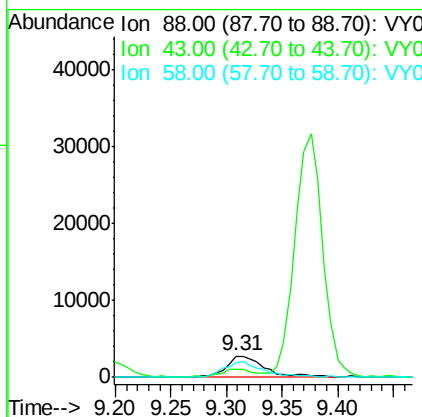
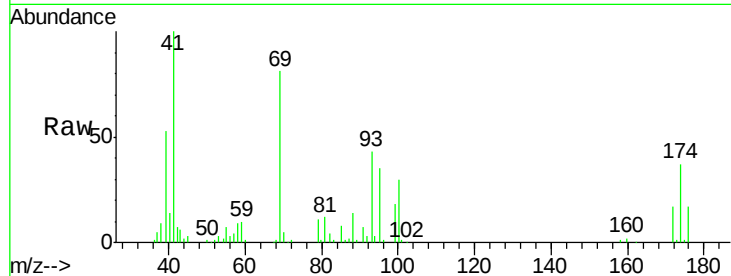
#49
 1,4-Dioxane
 Concen: 447.405 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	22.4	33.6
58	75.2	58.0	87.0

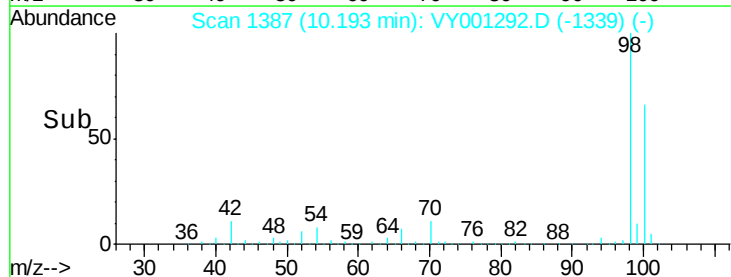
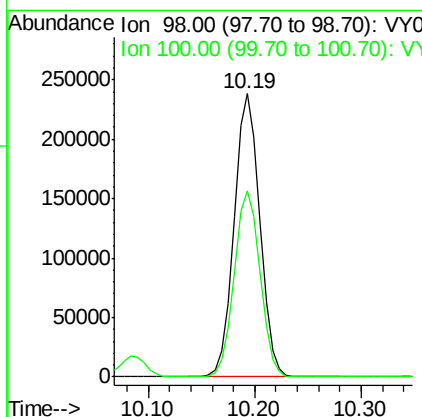
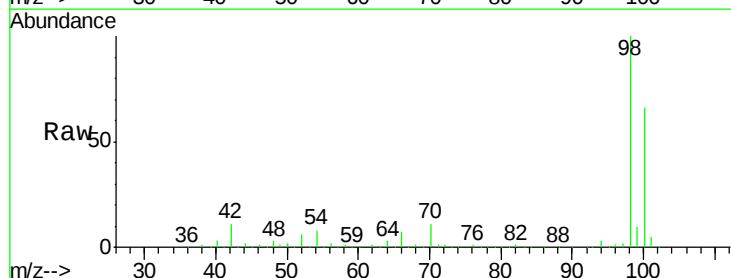
Manual Integrations
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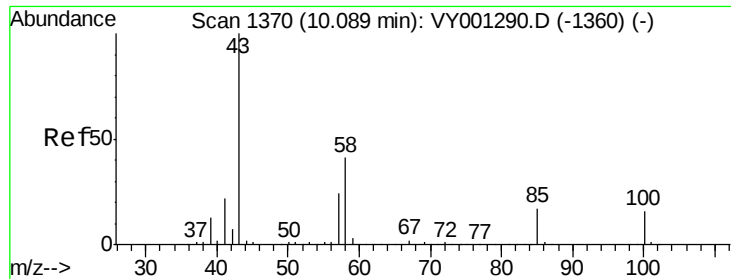
MMDadoda
 1/21/2020 10:59:51 AM



#50
 Toluene-d8
 Concen: 51.853 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 105.413 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion: 43 Resp: 188214

Ion Ratio Lower Upper

43 100

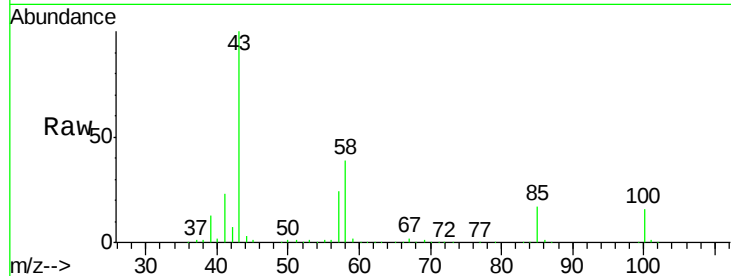
58 39.3 32.3 48.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

120000

100000

80000

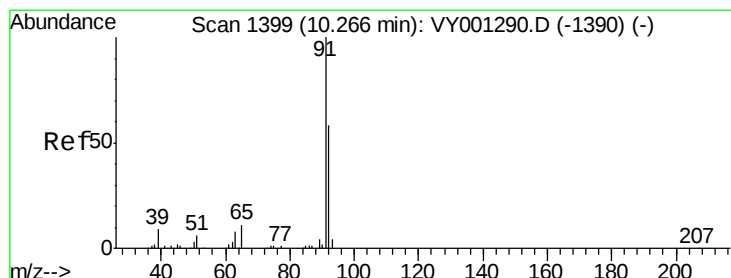
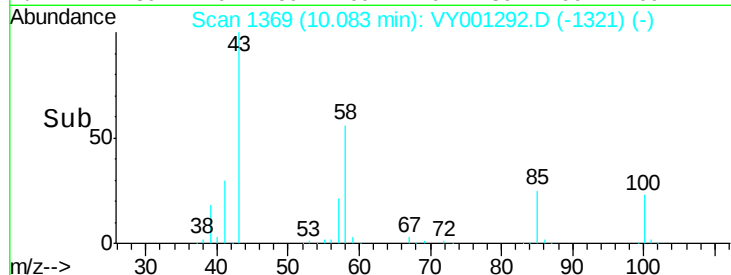
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.491 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. -0.01 min

Lab File: VY001292.D

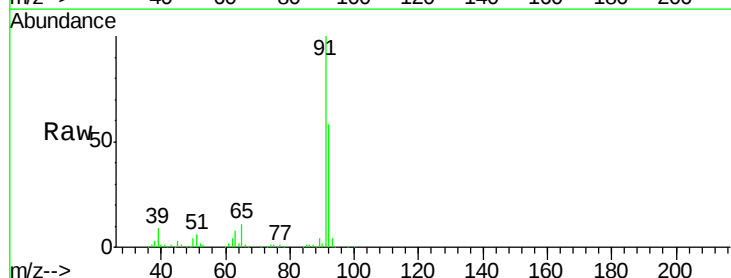
Acq: 20 Jan 2020 13:58

Tgt Ion: 92 Resp: 119626

Ion Ratio Lower Upper

92 100

91 171.9 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

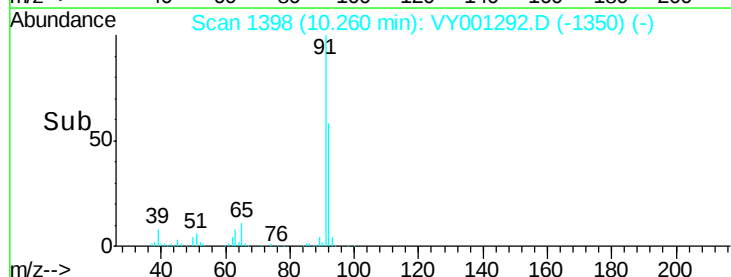
10.26

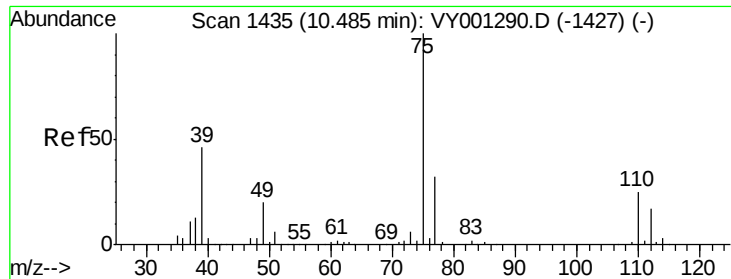
100000

50000

0

Time-->





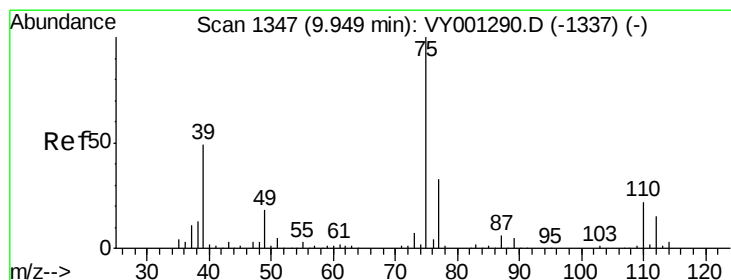
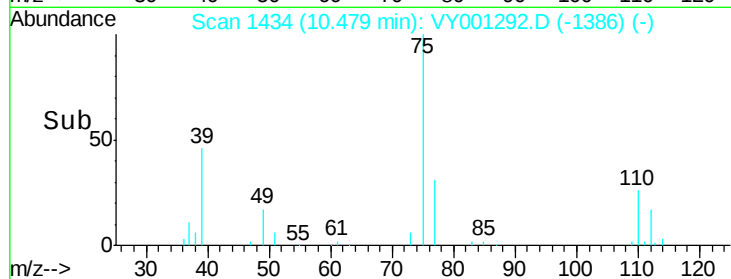
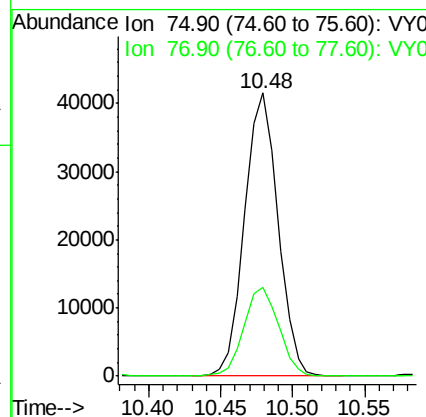
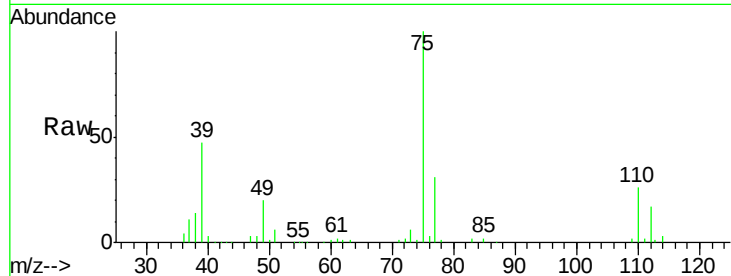
#53
t-1,3-Dichloropropene
Concen: 19.888 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion: 75 Resp: 66963
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.2

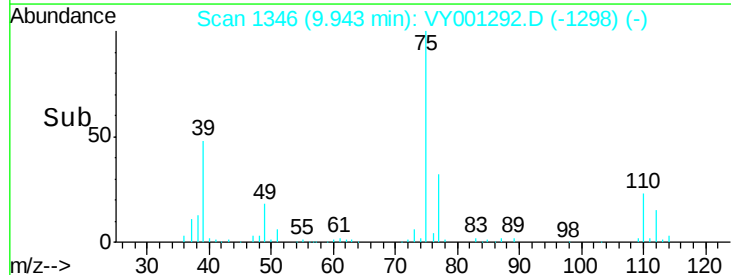
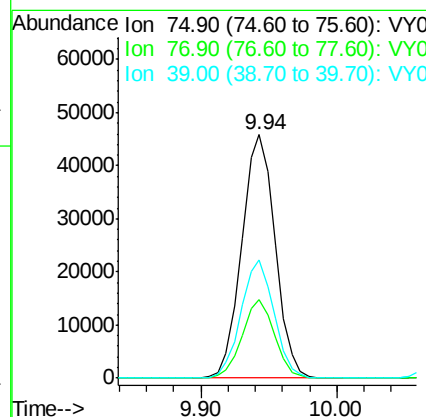
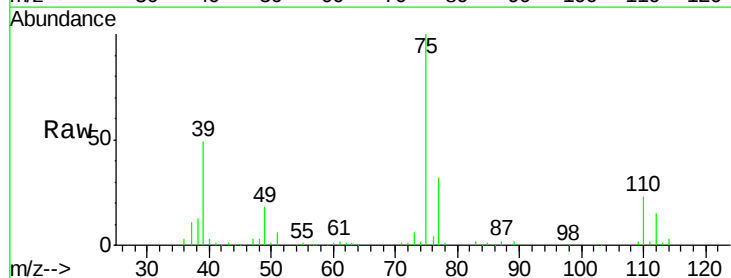
Manual Integrations
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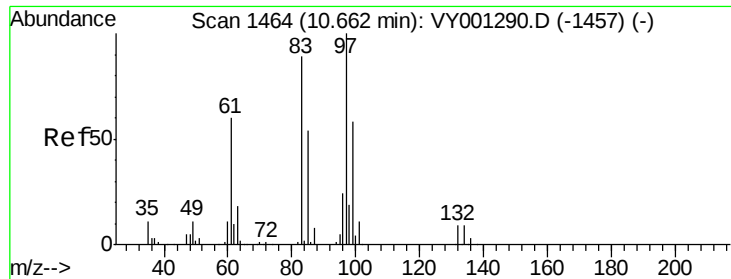
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.702 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 75 Resp: 78587
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 48.5 39.1 58.7





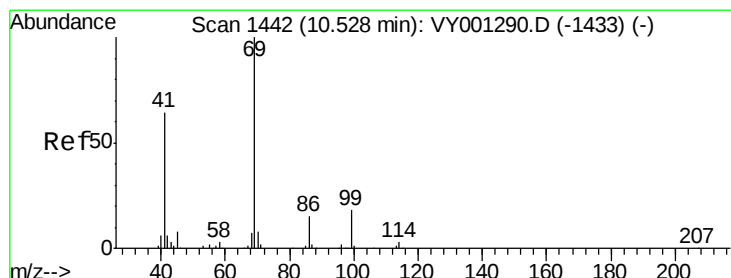
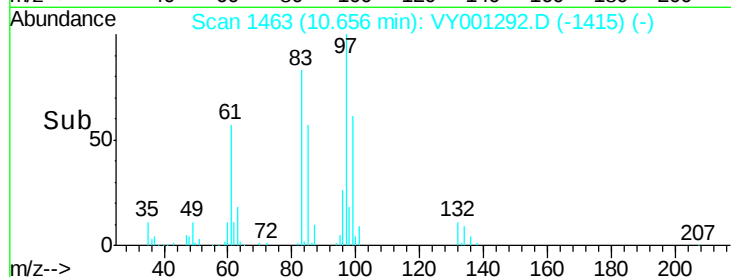
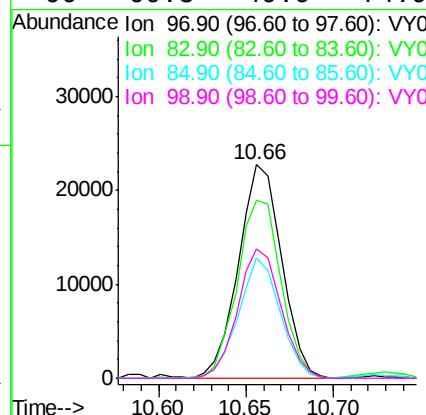
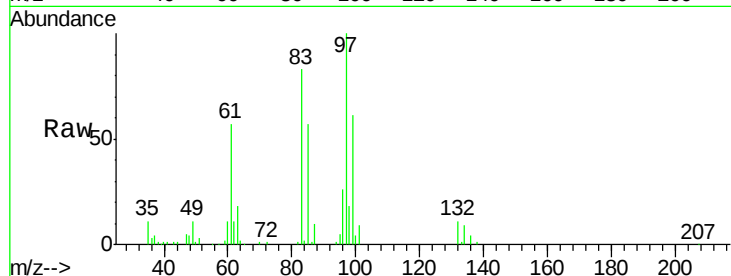
#55
 1,1,2-Trichloroethane
 Concen: 21.349 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Tot Ion:	97	Resp:	39076
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.2	100.8
85	56.3	44.9	67.3
99	60.8	49.9	74.9

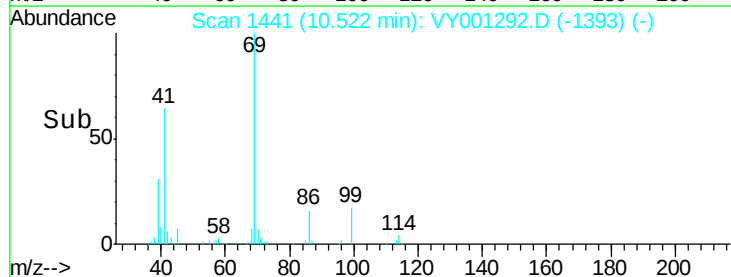
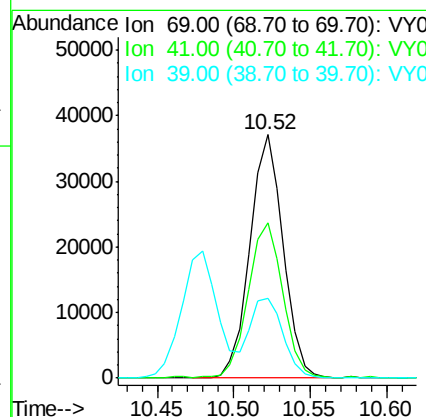
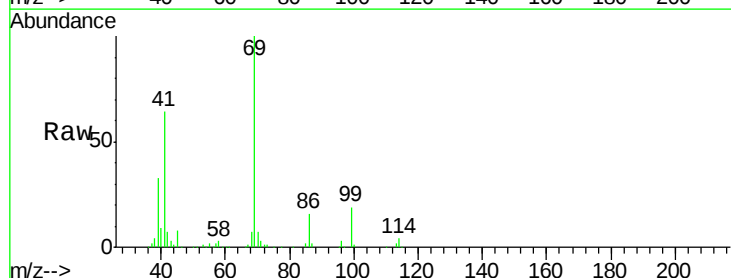
Manual Integrations
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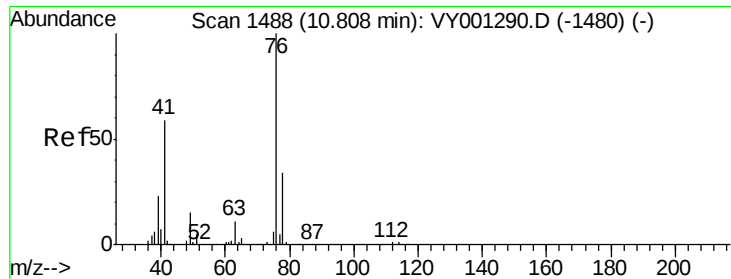
MMDadoda
 1/21/2020 10:59:51 AM



#56
 Ethyl methacrylate
 Concen: 20.051 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion:	69	Resp:	56138
Ion	Ratio	Lower	Upper
69	100		
41	65.6	51.4	77.2
39	32.0	26.3	39.5





#57

1,3-Dichloropropane

Concen: 21.412 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion: 76 Resp: 67282

Ion Ratio Lower Upper

76 100

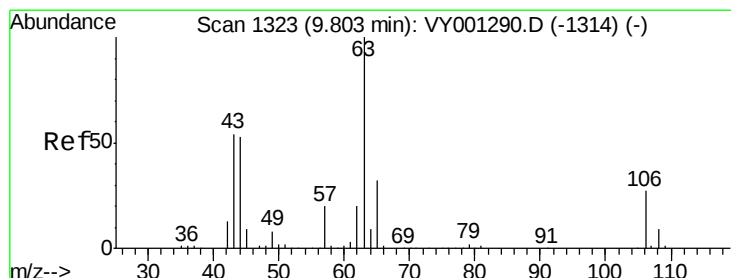
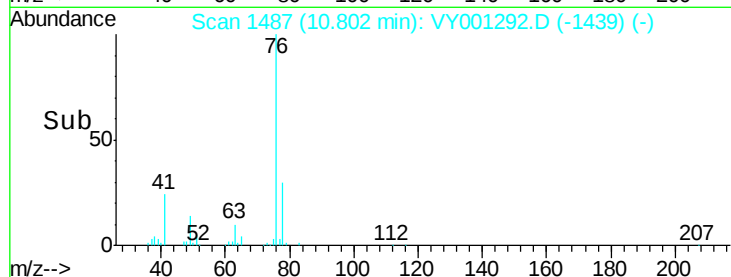
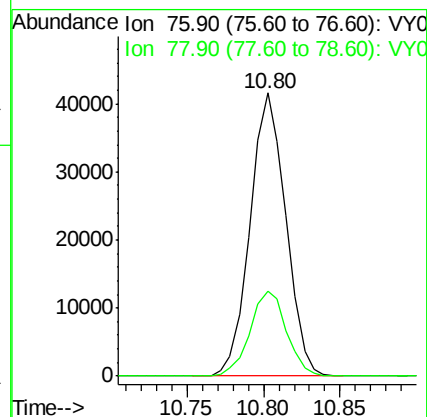
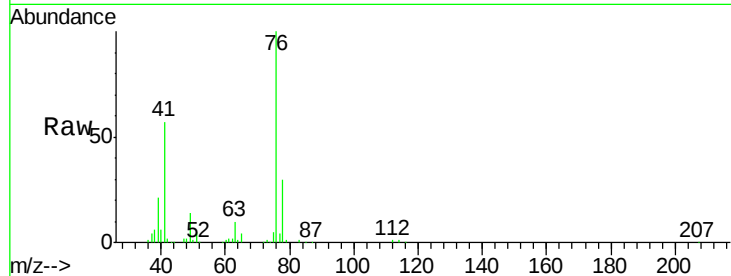
78 30.9 26.1 39.1

Manual Integrations

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MMDadoda

1/21/2020 10:59:51 AM



#58

2-Chloroethyl Vinyl ether

Concen: 105.392 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY001292.D

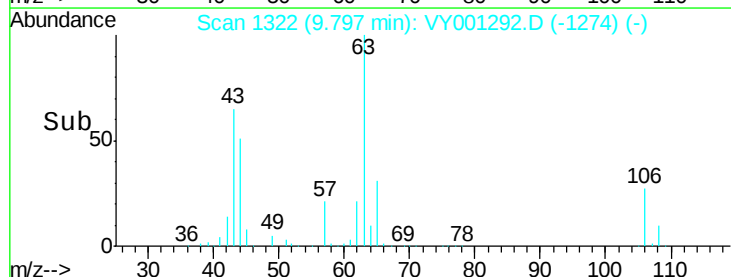
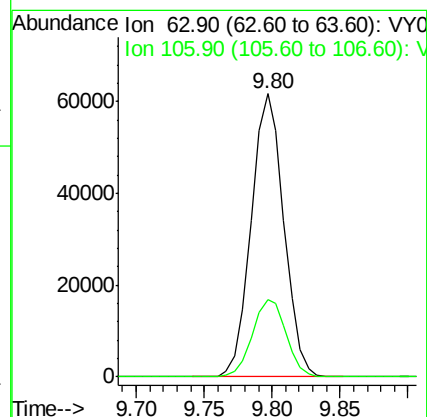
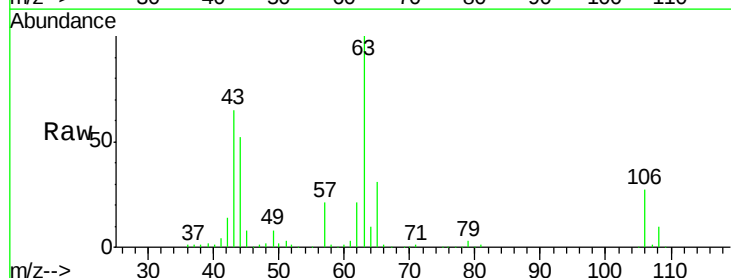
Acq: 20 Jan 2020 13:58

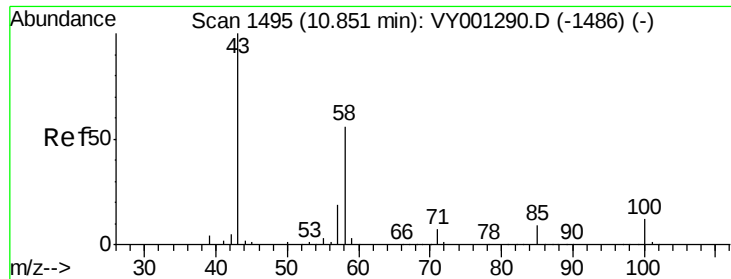
Tgt Ion: 63 Resp: 103782

Ion Ratio Lower Upper

63 100

106 28.3 23.0 34.6





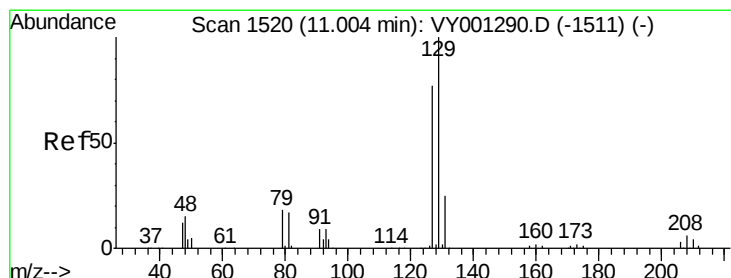
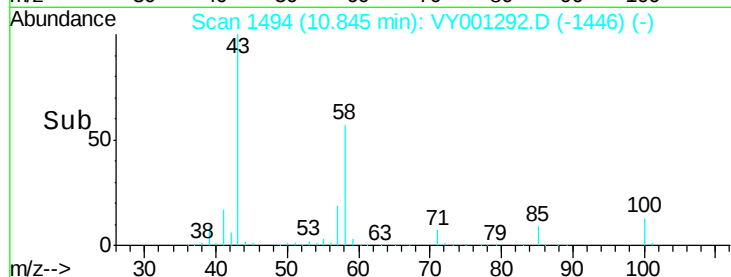
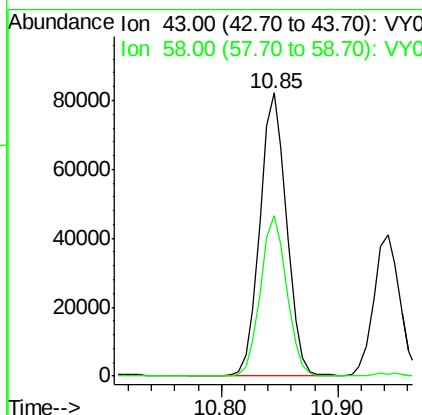
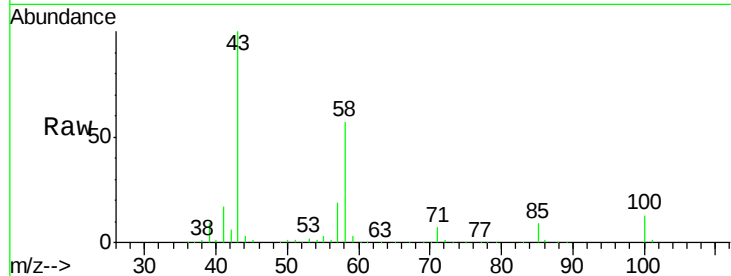
#59
2-Hexanone
Concen: 104.277 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion: 43 Resp: 130486
Ion Ratio Lower Upper
43 100
58 55.9 28.4 85.2

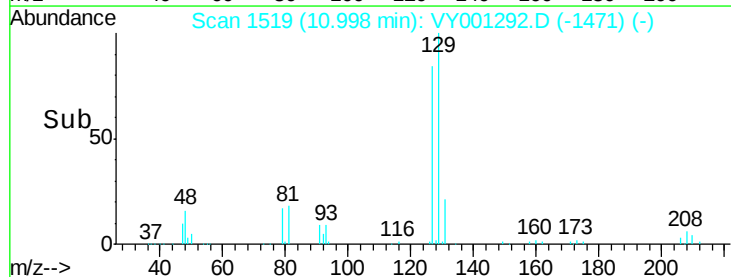
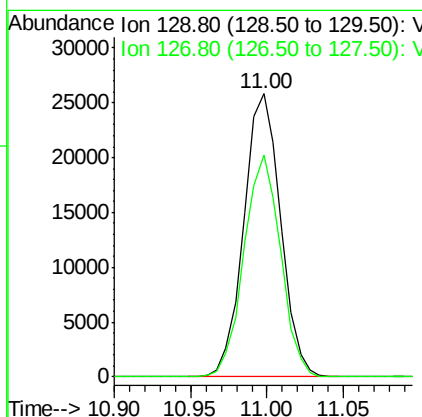
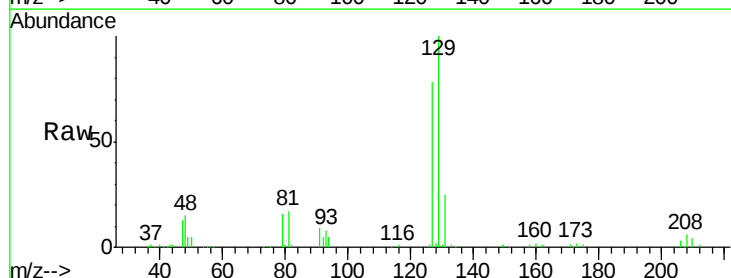
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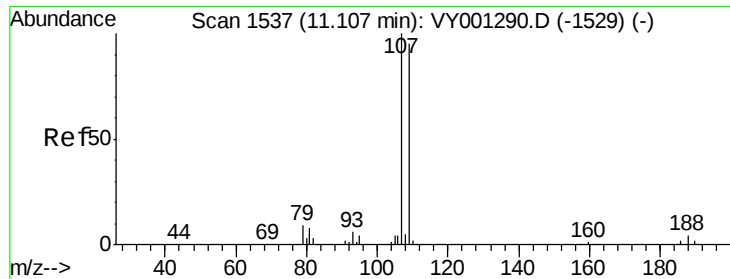
MMDadoda
1/21/2020 10:59:51 AM



#60
Dibromochloromethane
Concen: 20.486 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion:129 Resp: 43173
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





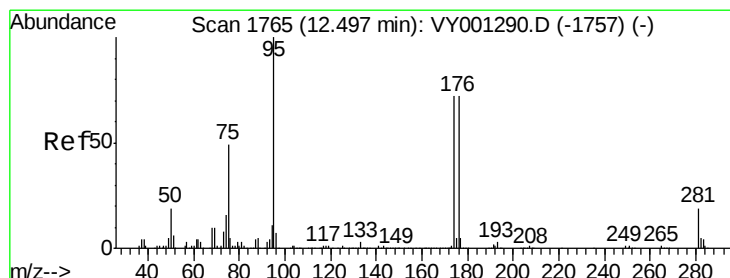
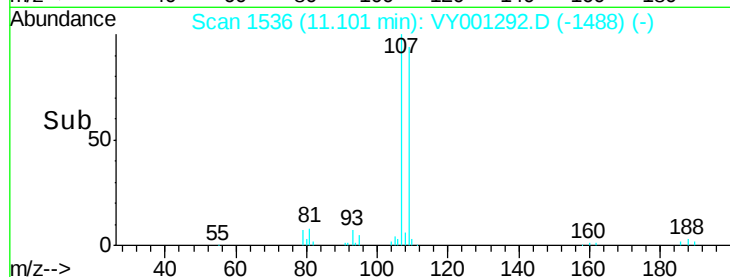
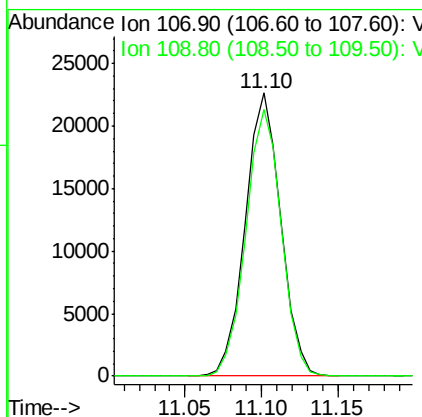
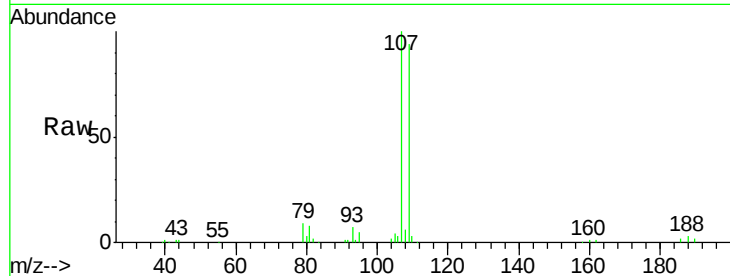
#61
 1,2-Dibromoethane
 Concen: 20.373 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Tot Ion: 107 Resp: 36410
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.0

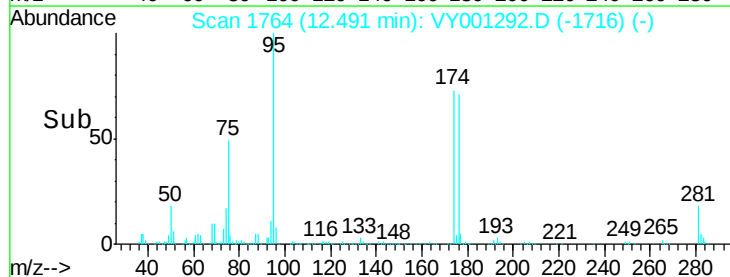
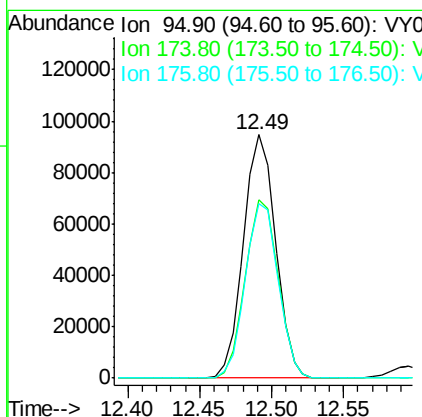
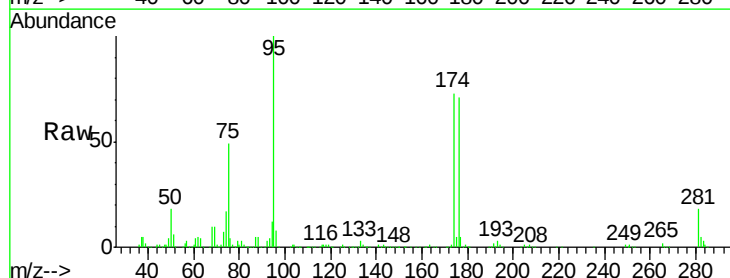
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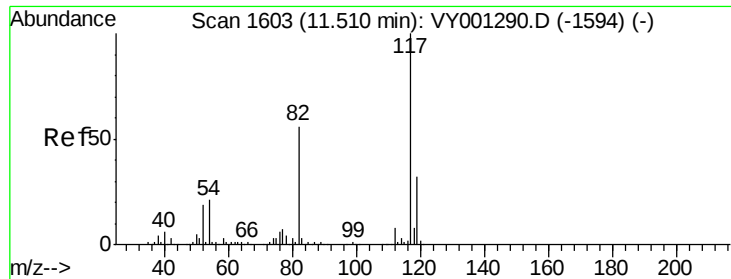
MMDadoda
 1/21/2020 10:59:51 AM



#62
 4-Bromofluorobenzene
 Concen: 46.305 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion: 95 Resp: 146928
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 143.2
 176 73.1 0.0 136.0





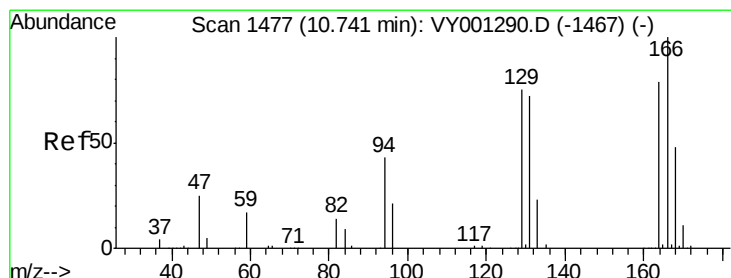
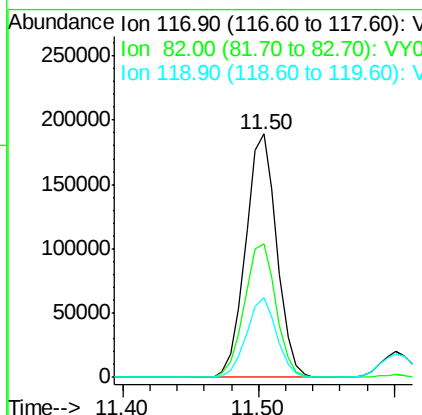
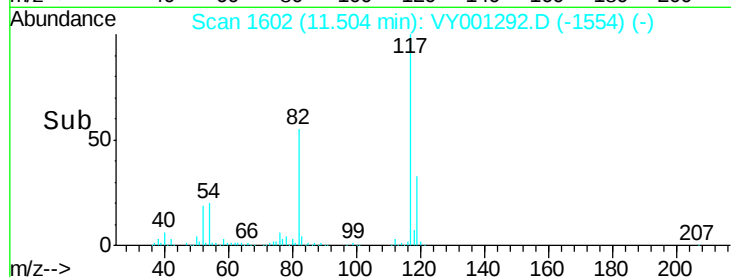
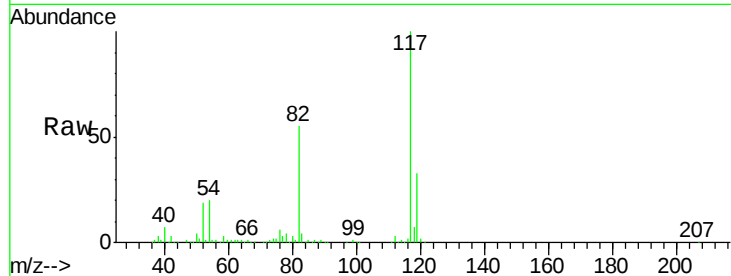
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	302163		
82	54.8		44.9	67.3
119	32.8		25.7	38.5

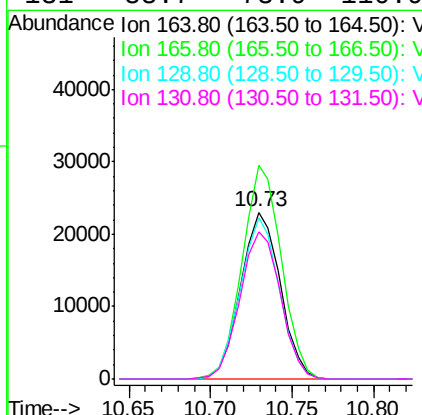
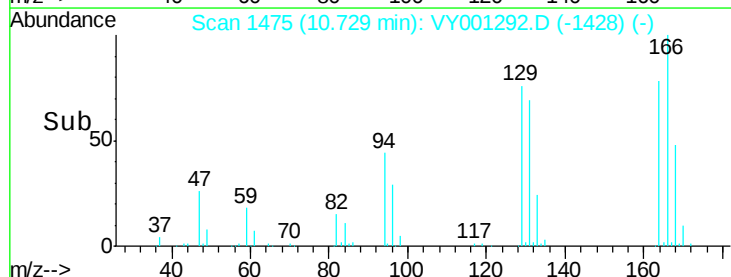
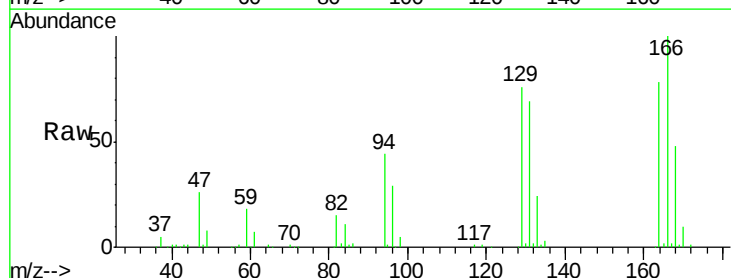
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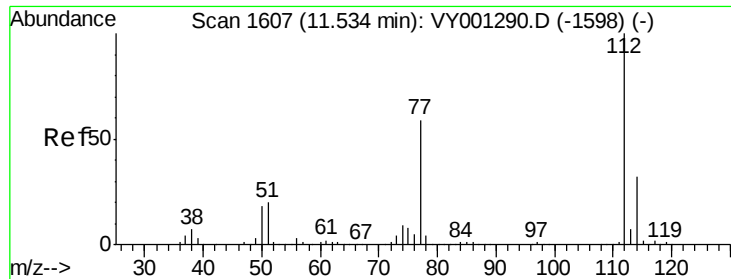
MMDadoda
1/21/2020 10:59:51 AM



#64
Tetrachloroethene
Concen: 19.945 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	38849		
166	128.4		102.3	153.5
129	97.3		76.2	114.4
131	88.7		73.9	110.9





#65

Chlorobenzene

Concen: 20.812 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion:112 Resp: 125659

Ion Ratio Lower Upper

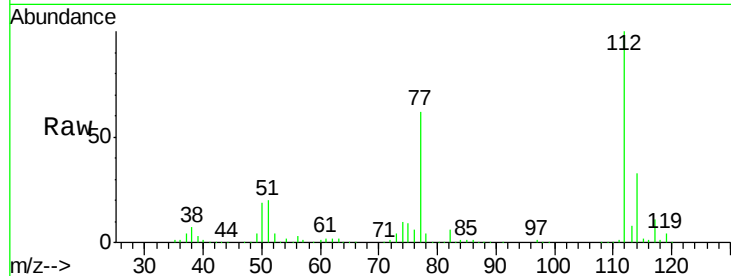
112 100

114 33.3 25.9 38.9

Manual Integrations
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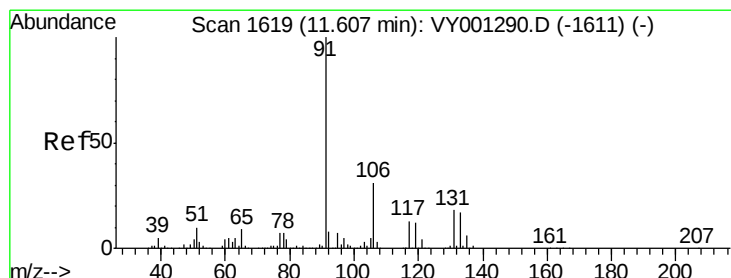
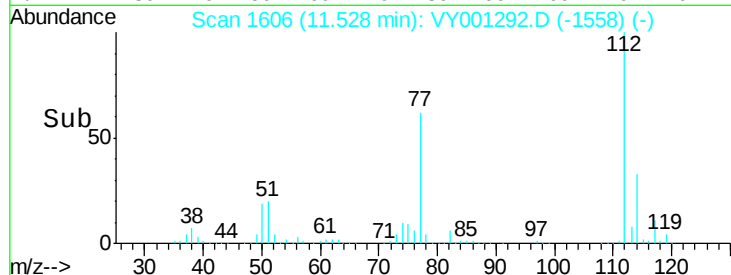
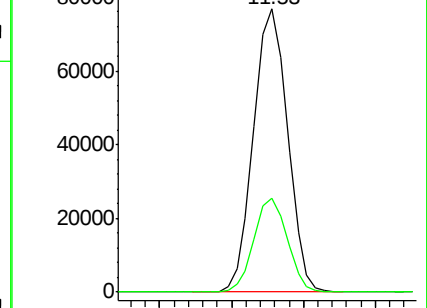
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.985 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

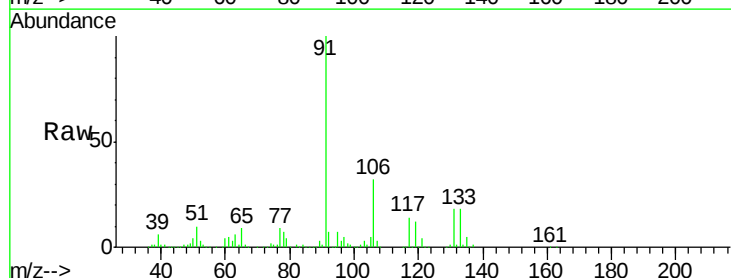
Tgt Ion:131 Resp: 43669

Ion Ratio Lower Upper

131 100

133 97.2 47.3 142.0

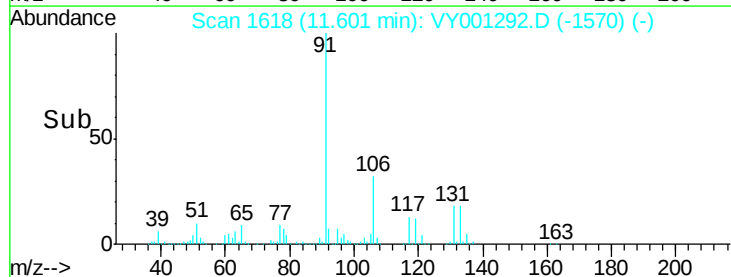
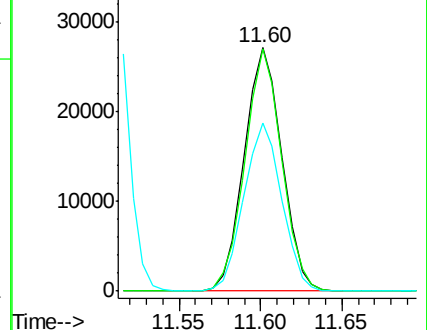
119 69.6 33.6 100.8

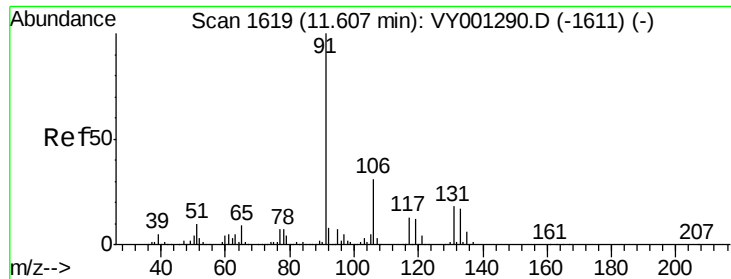


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





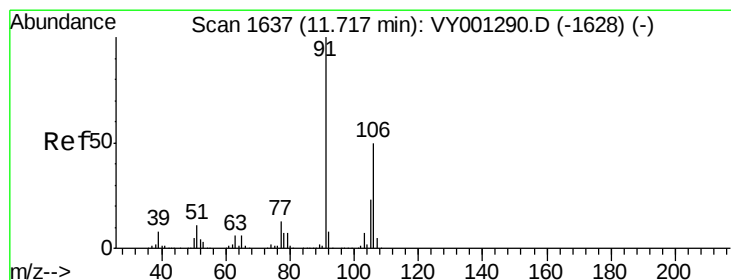
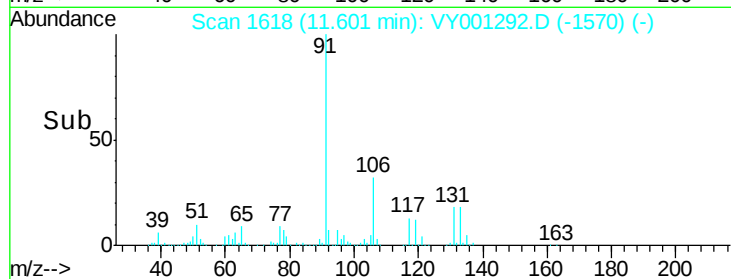
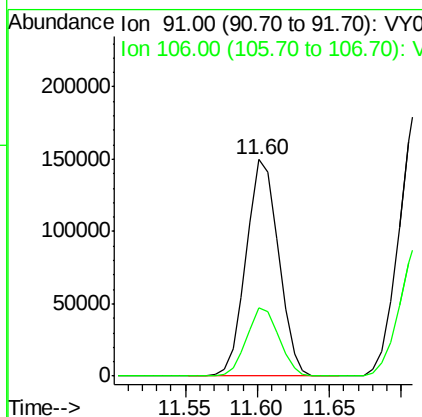
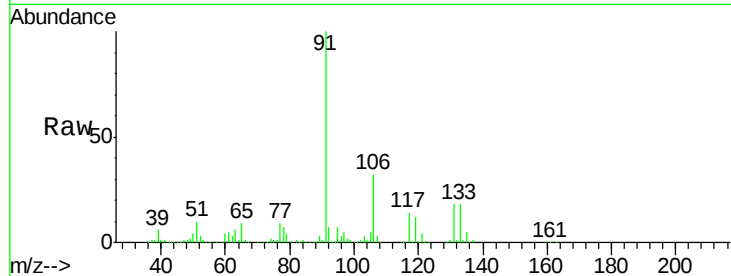
#67
Ethyl Benzene
Concen: 21.145 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion: 91 Resp: 233539
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9

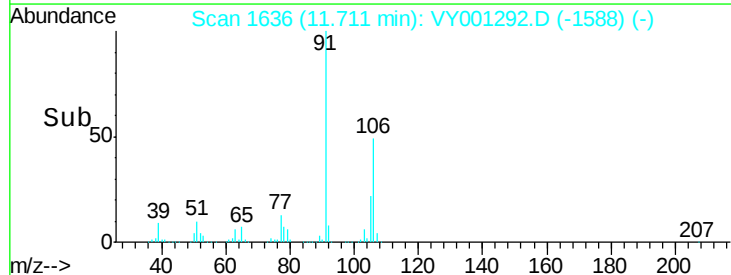
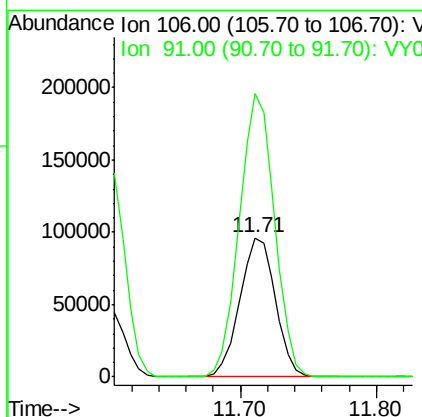
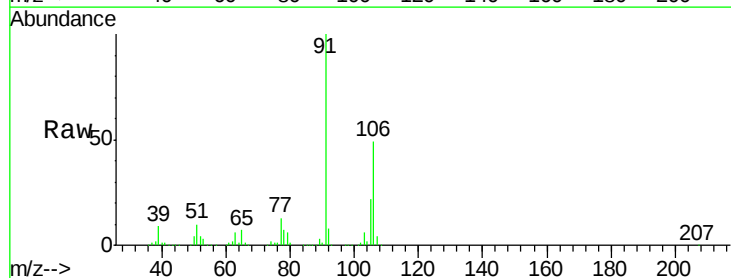
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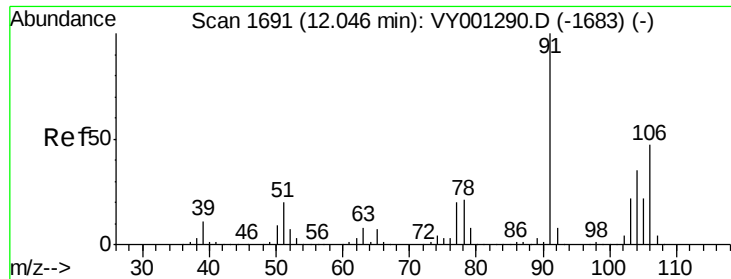
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#68
m/p-Xylenes
Concen: 42.072 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion: 106 Resp: 175291
Ion Ratio Lower Upper
106 100
91 201.5 161.4 242.2





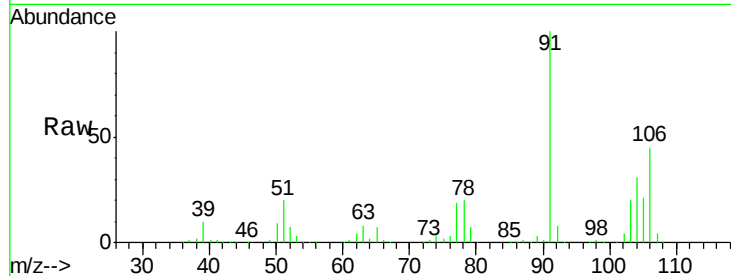
#69
o-Xylene
Concen: 20.873 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

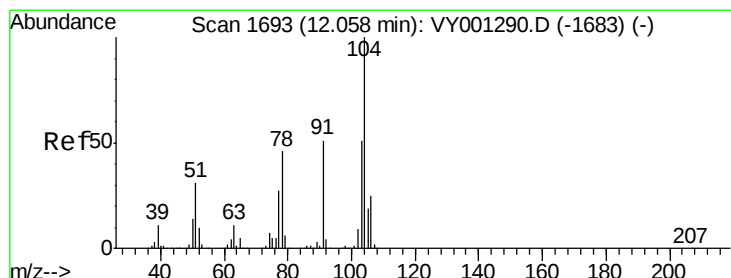
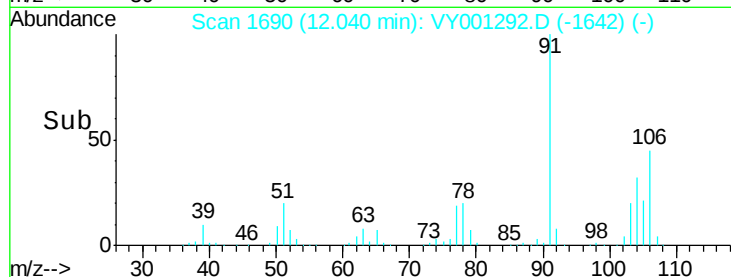
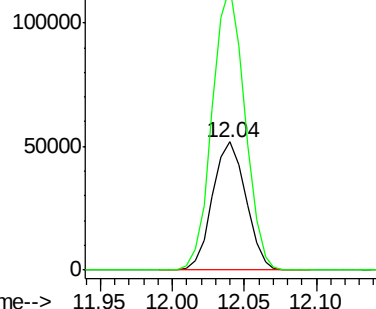
Tot Ion:106 Resp: 83381
Ion Ratio Lower Upper
106 100
91 213.7 106.3 318.8

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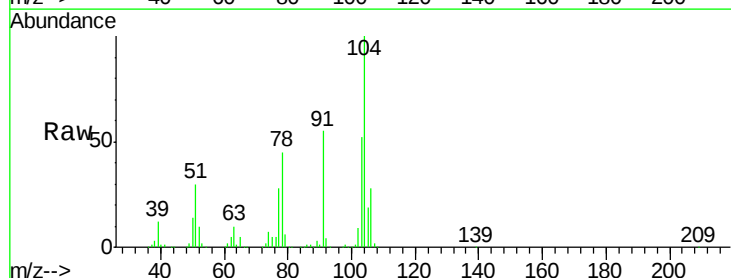


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

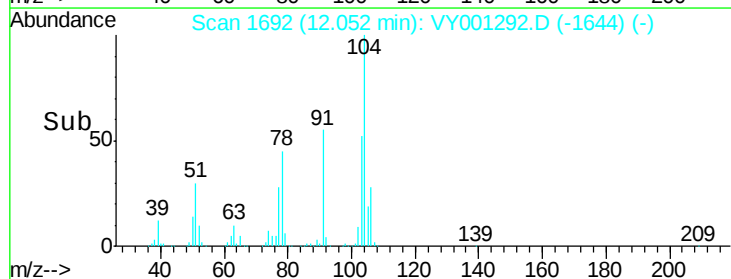
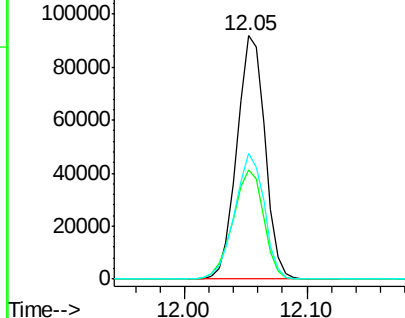


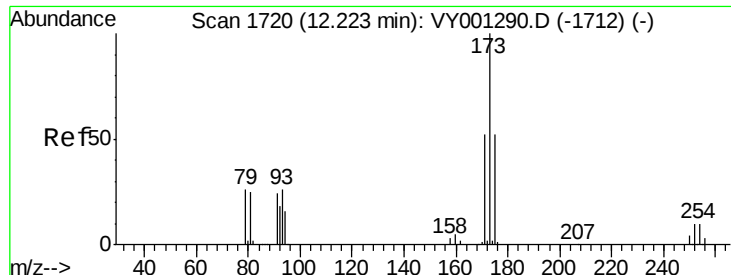
#70
Styrene
Concen: 20.785 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion:104 Resp: 145686
Ion Ratio Lower Upper
104 100
78 48.8 40.5 60.7
103 54.0 42.4 63.6



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





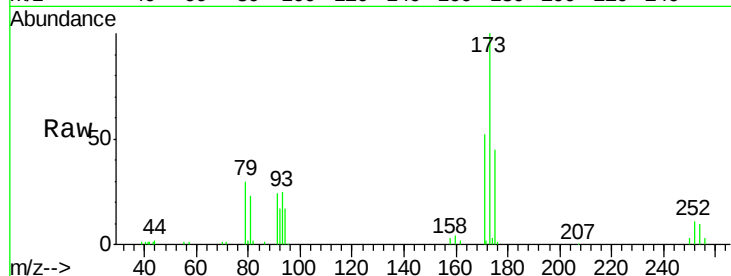
#71
Bromoform
Concen: 19.273 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.2
254	0.0	0.1	0.1#

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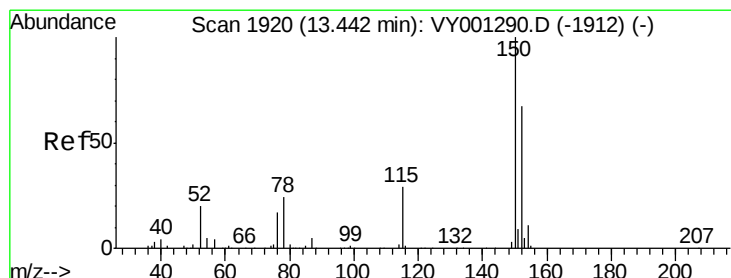
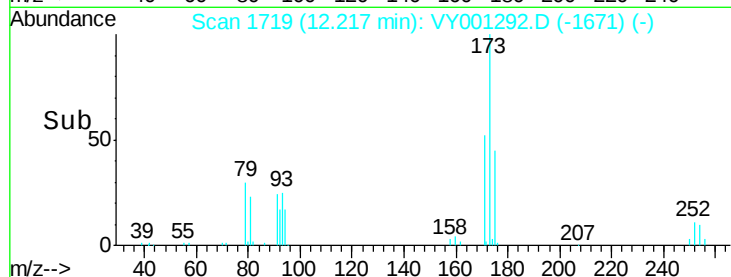
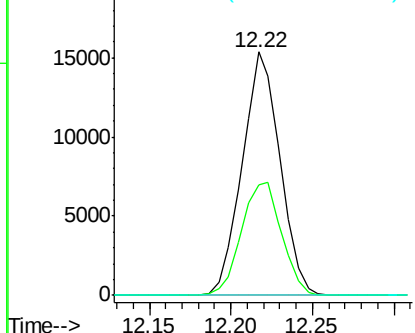


Abundance

Ion 172.70 (172.40 to 173.40): V

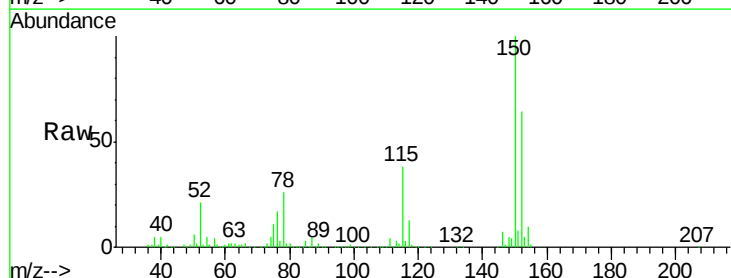
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.9	92.5
150	164.8	0.0	346.8

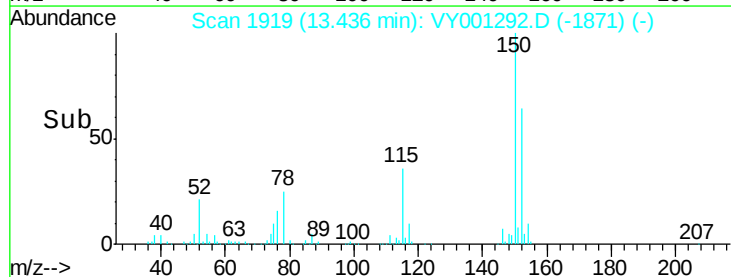
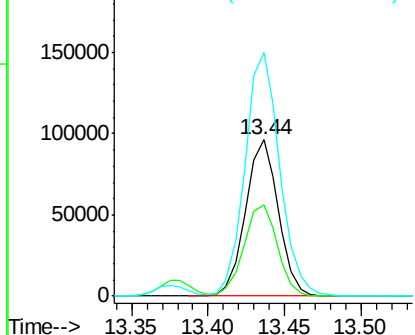


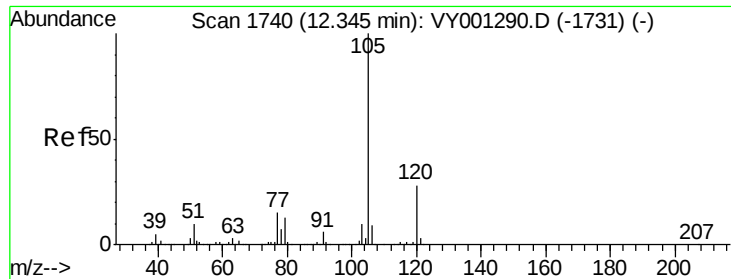
Abundance

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





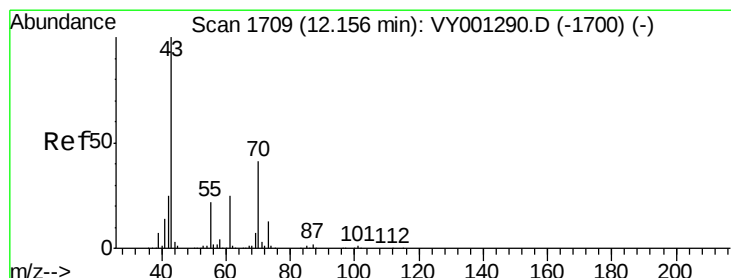
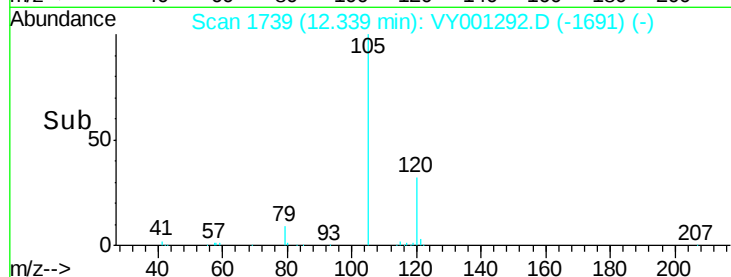
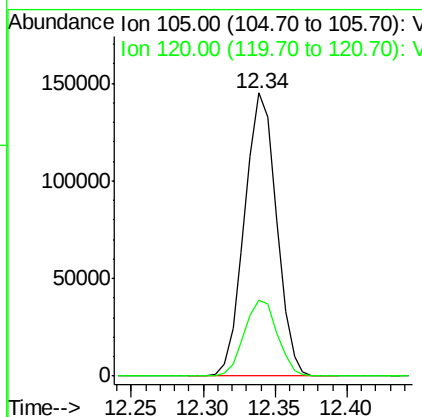
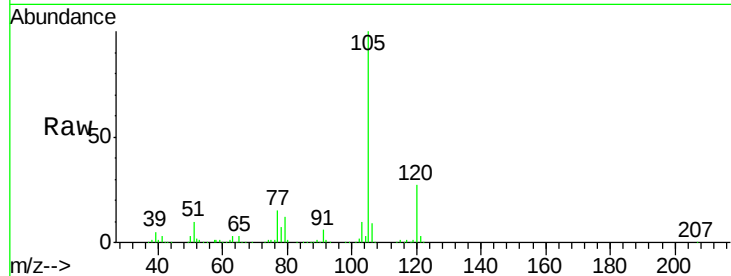
#73
Isopropylbenzene
Concen: 20.661 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.4	40.2

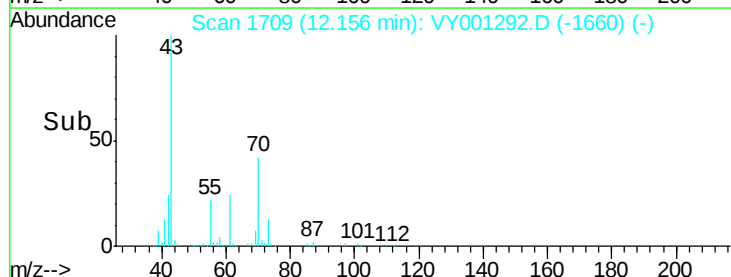
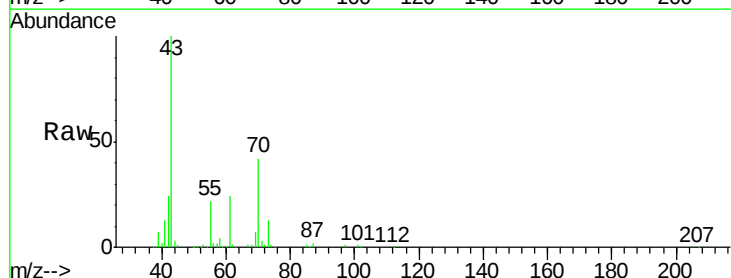
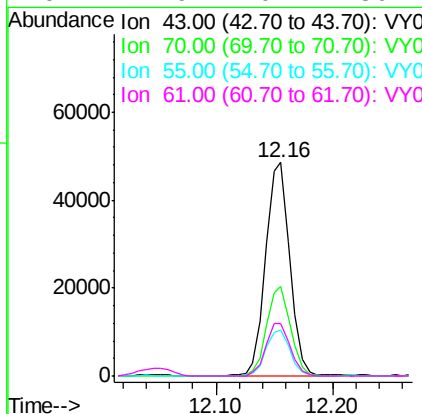
Manual Integrations
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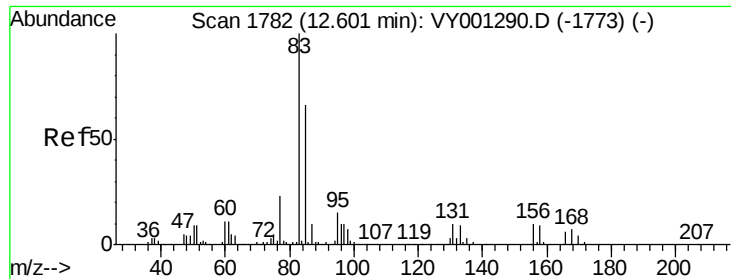
MMDadoda
1/21/2020 10:59:51 AM



#74
N-ethyl acetate
Concen: 20.902 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.00 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.4	35.0	52.6
55	21.7	18.4	27.6
61	24.9	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.684 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

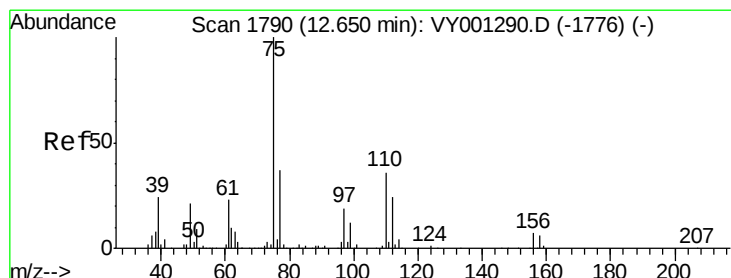
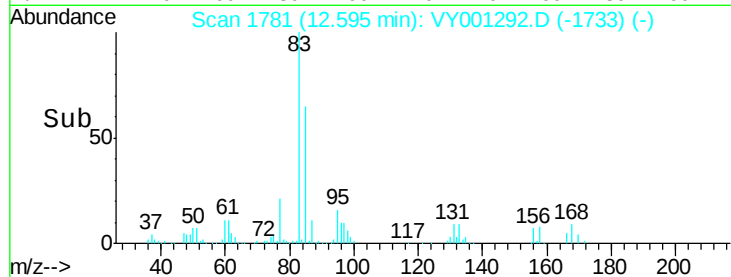
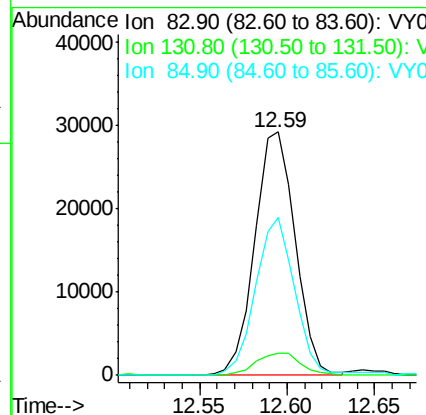
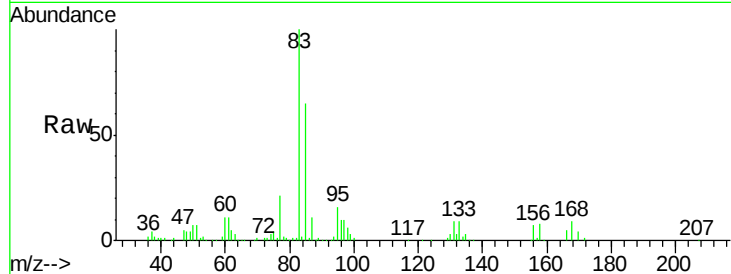
ClientSampleId :

VY0120SBS01

Tot Ion:	83	Resp:	46963
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	62.6	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 24.849 ug/l m

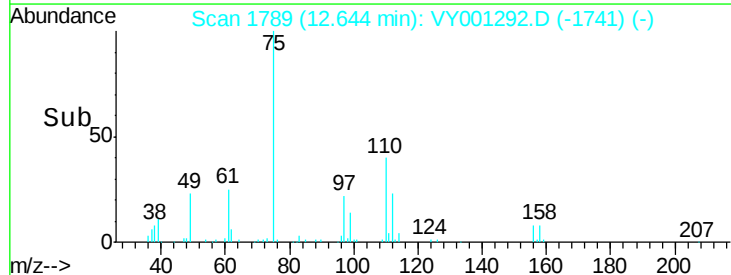
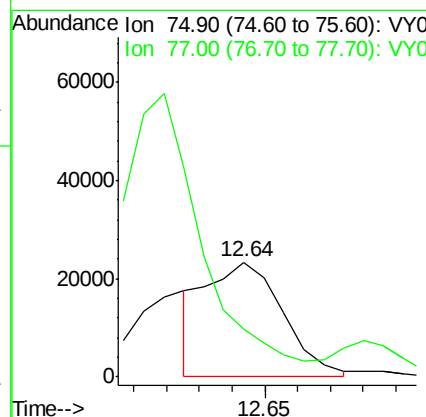
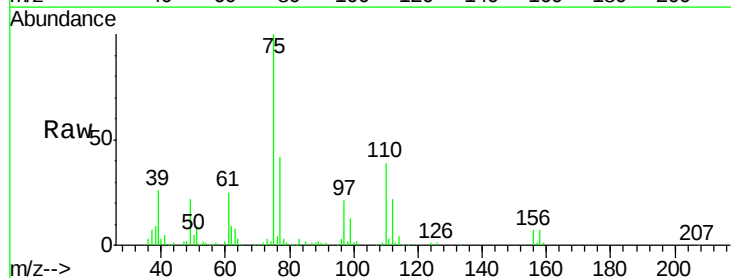
RT: 12.64 min Scan# 1789

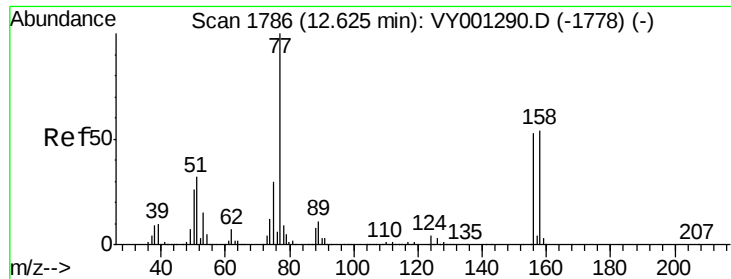
Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Tgt Ion:	75	Resp:	38186
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





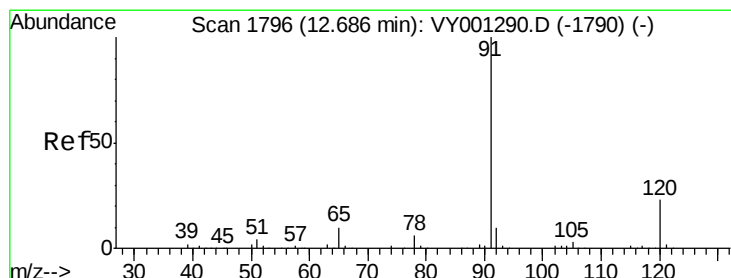
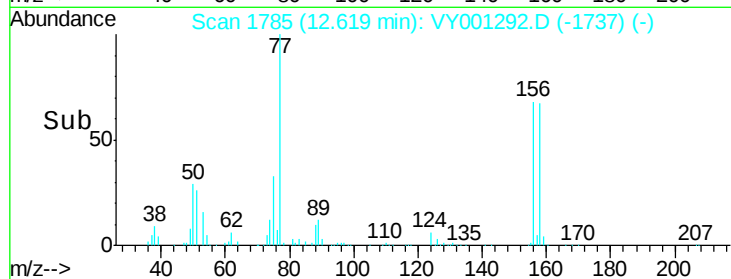
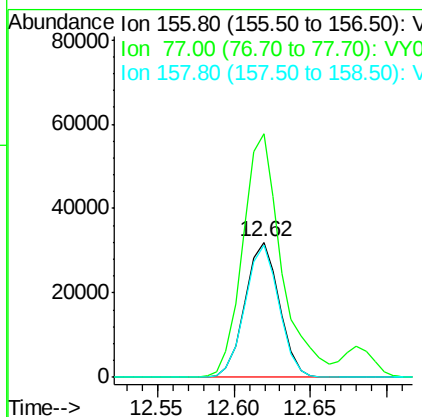
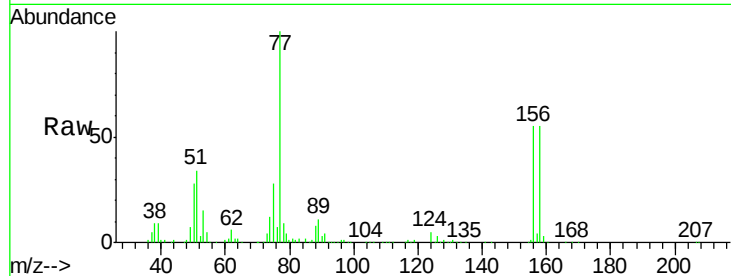
#77
Bromobenzene
Concen: 20.911 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	204.0	106.7	320.1
158	97.0	48.3	144.8

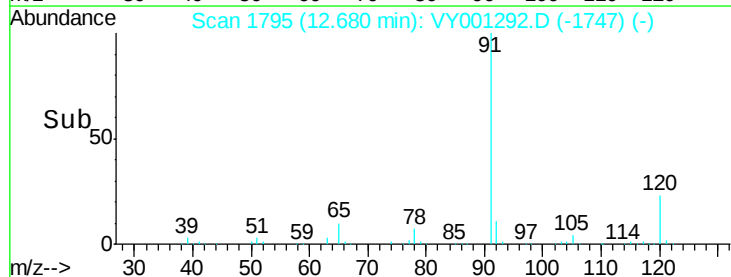
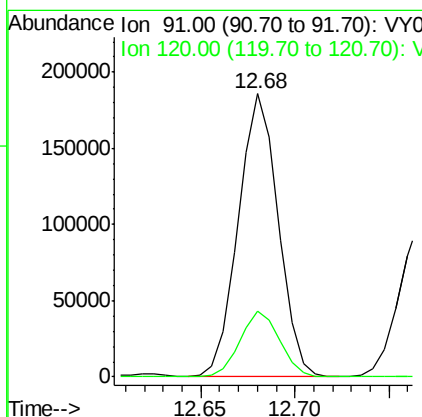
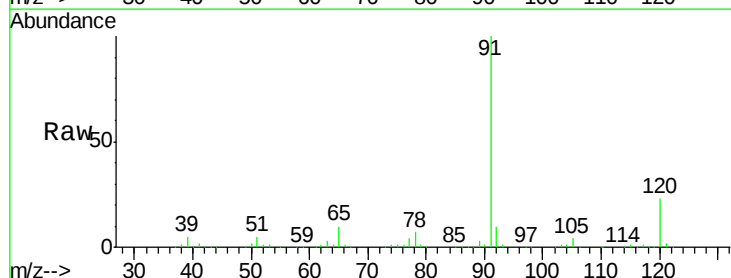
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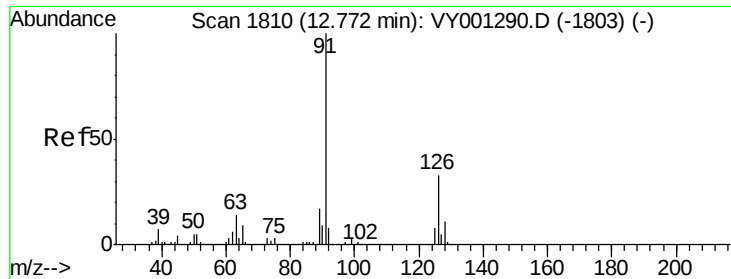
MMDadoda
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#78
n-propylbenzene
Concen: 20.979 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.419 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion: 91 Resp: 152221

Ion Ratio Lower Upper

91 100

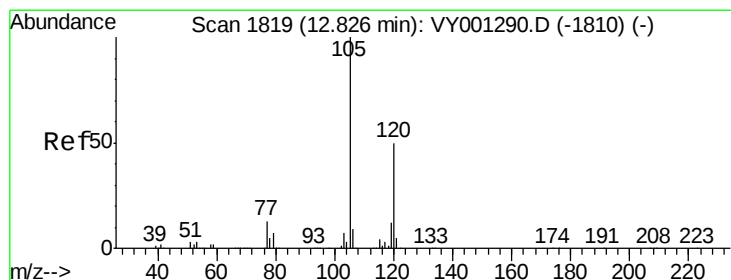
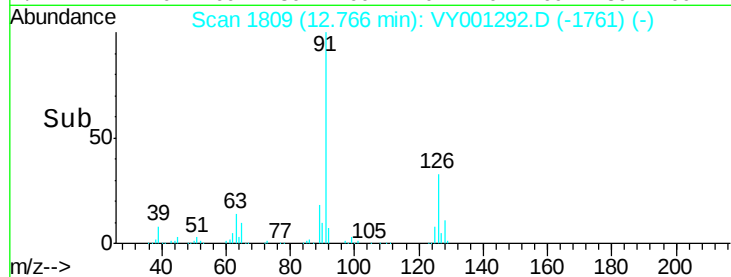
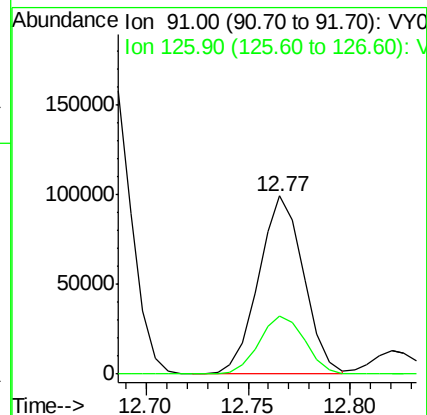
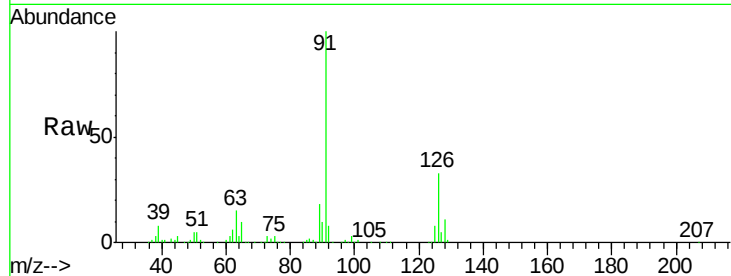
126 33.6 16.4 49.4

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#80

1,3,5-Trimethylbenzene

Concen: 20.810 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VY001292.D

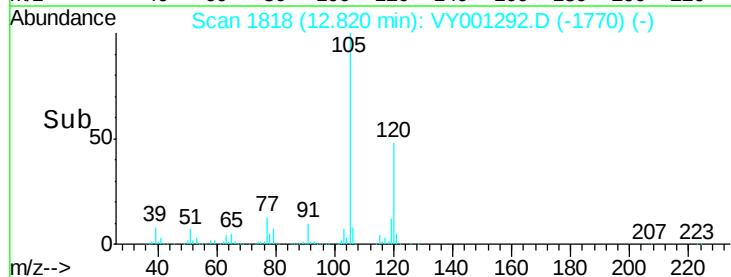
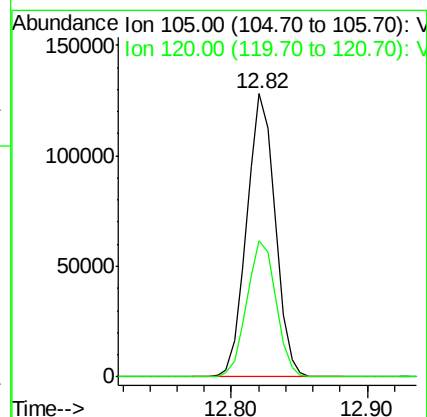
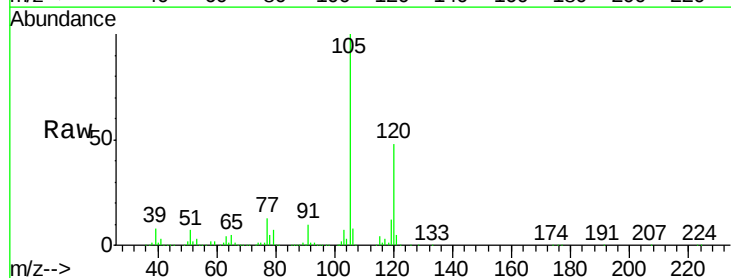
Acq: 20 Jan 2020 13:58

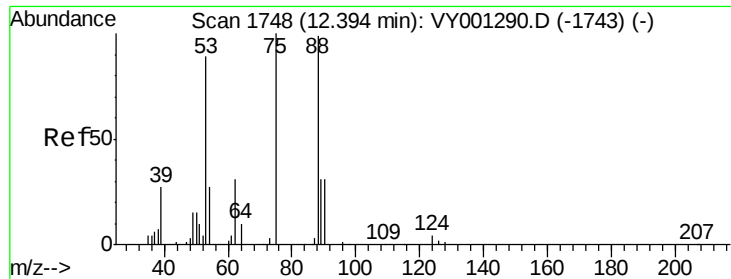
Tgt Ion: 105 Resp: 187376

Ion Ratio Lower Upper

105 100

120 49.5 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.642 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

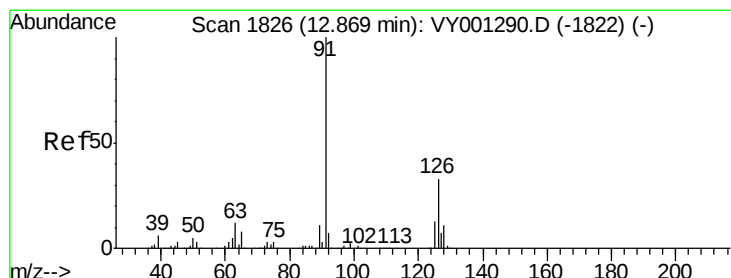
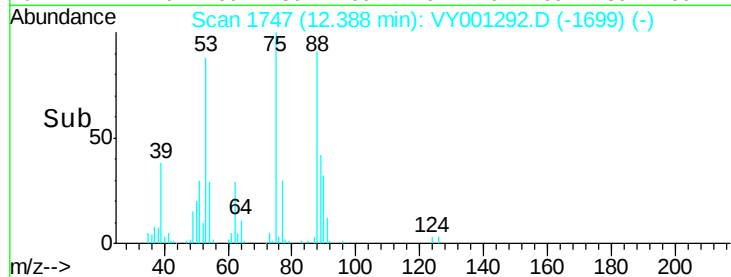
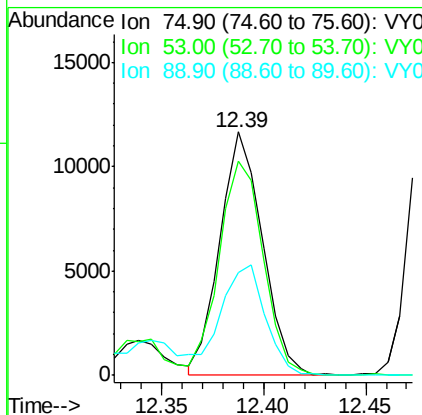
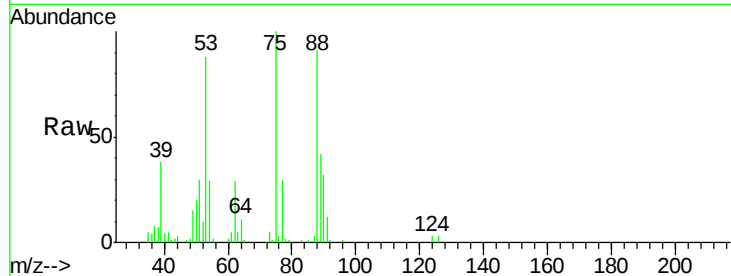
ClientSampleId :

VY0120SBS01

Tot Ion:	75	Resp:	16893
Ion	Ratio	Lower	Upper
75	100		
53	90.9	69.4	104.2
89	47.9	0.0	0.0#

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#82

4-Chlorotoluene

Concen: 20.271 ug/l

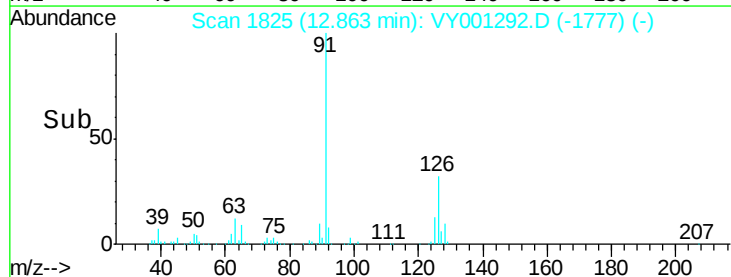
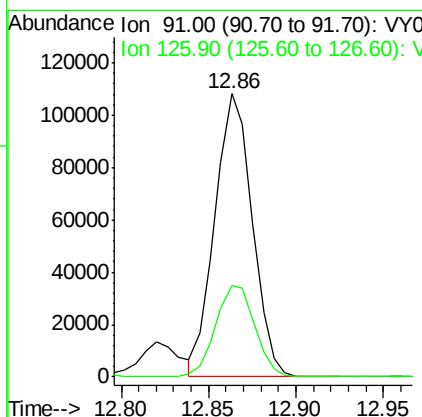
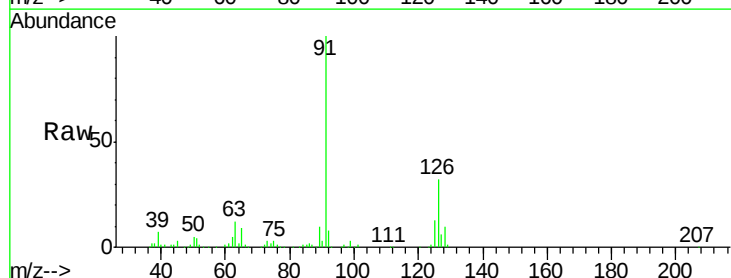
RT: 12.86 min Scan# 1825

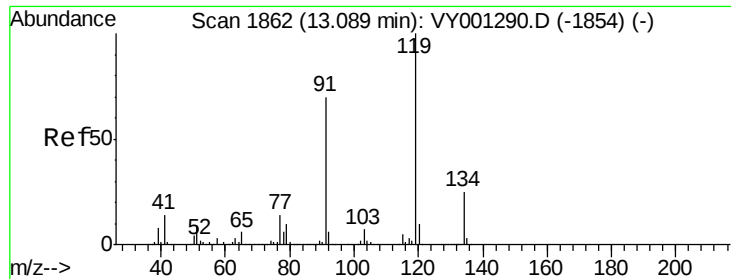
Delta R.T. -0.01 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Tgt Ion:	91	Resp:	161330
Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.3	48.8





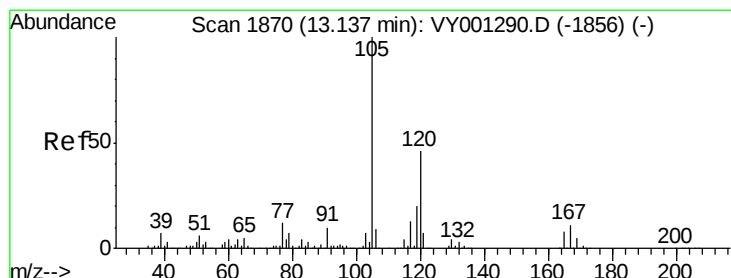
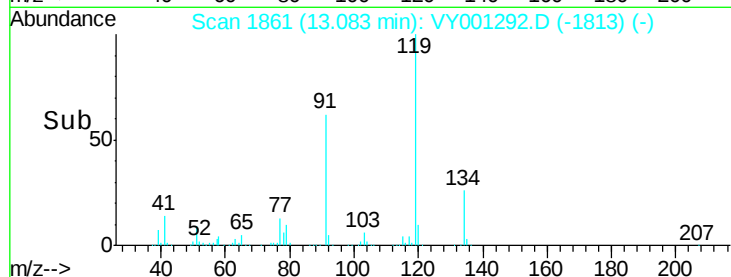
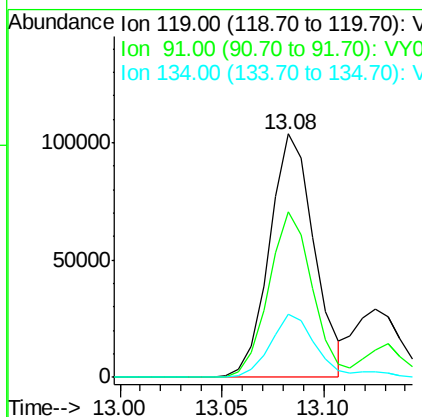
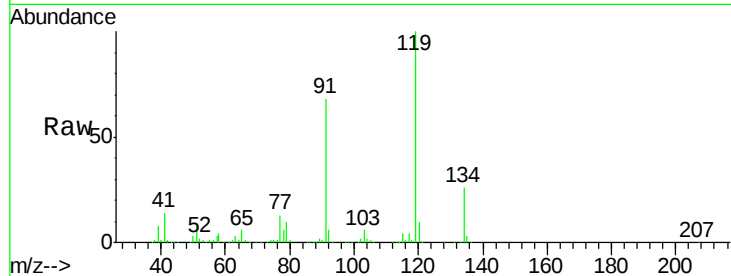
#83
tert-Butylbenzene
Concen: 20.977 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	158716		
91	66.9		33.9	101.7
134	27.3		13.5	40.4

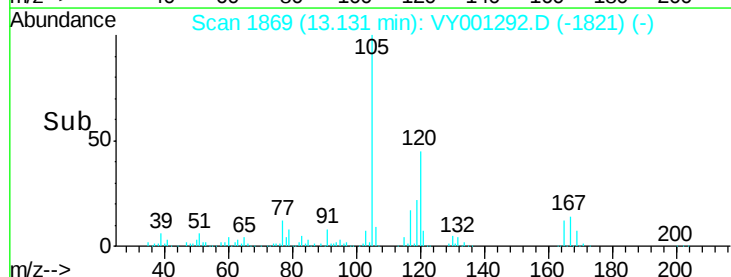
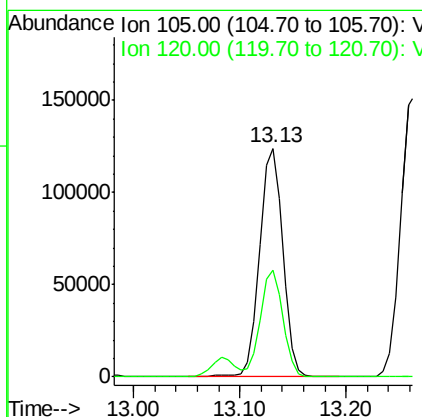
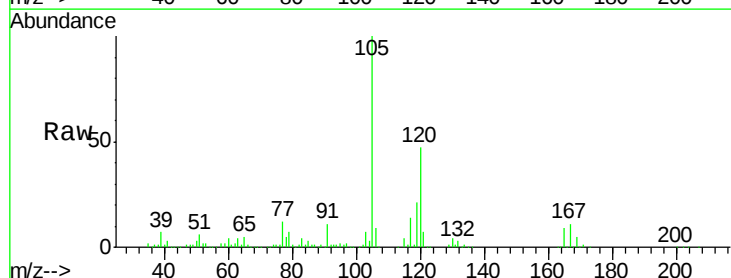
Manual Integrations
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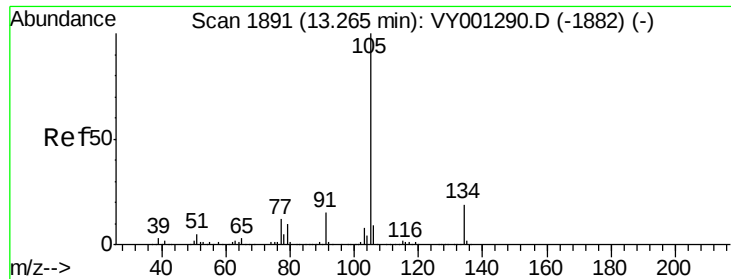
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#84
1,2,4-Trimethylbenzene
Concen: 21.257 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	190074		
120	45.5		22.8	68.3





#85

sec-Butylbenzene

Concen: 21.306 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

Tot Ion:105 Resp: 231909

Ion Ratio Lower Upper

105 100

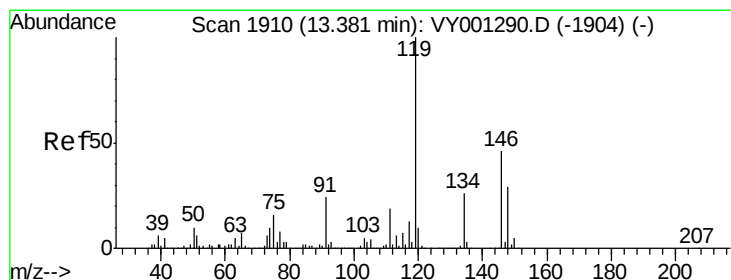
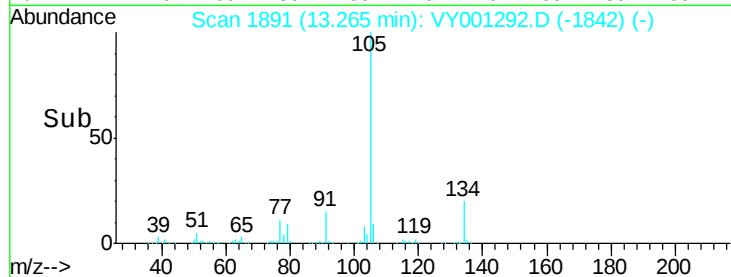
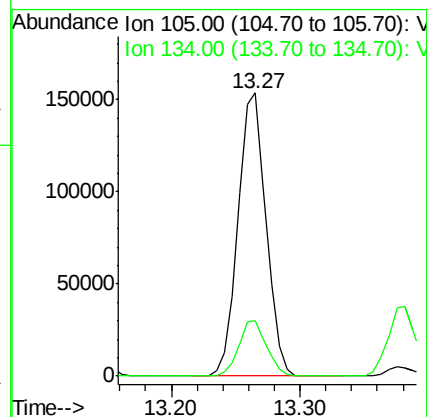
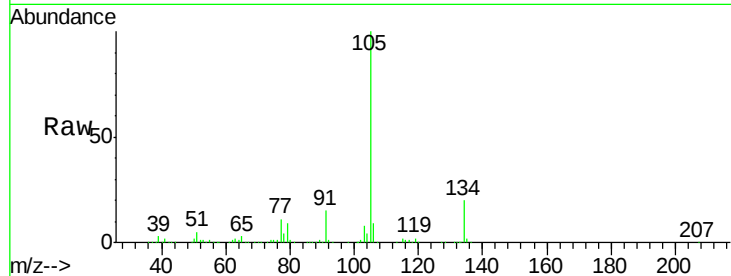
134 19.6 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 21.745 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001292.D

Acq: 20 Jan 2020 13:58

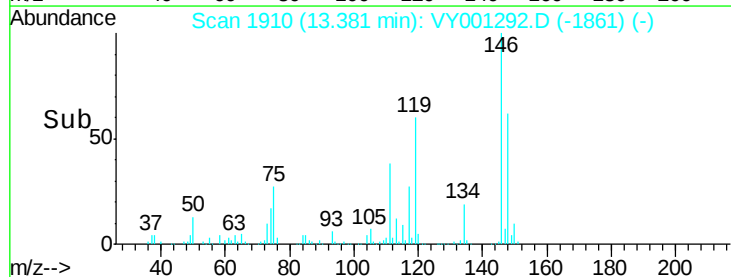
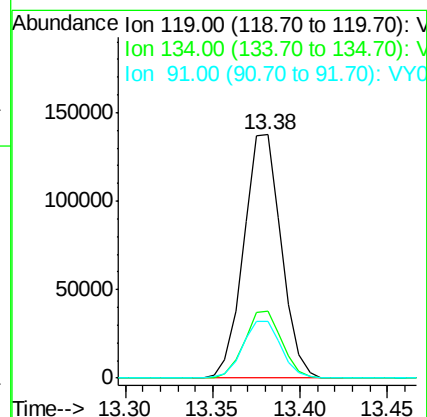
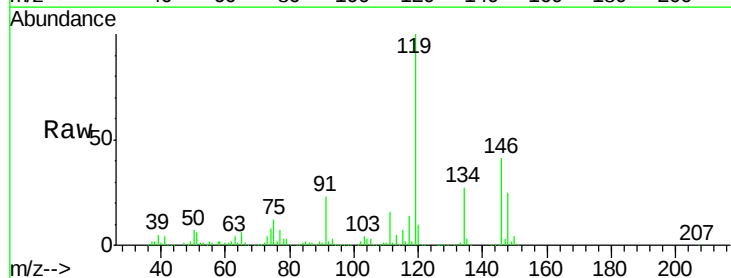
Tgt Ion:119 Resp: 205497

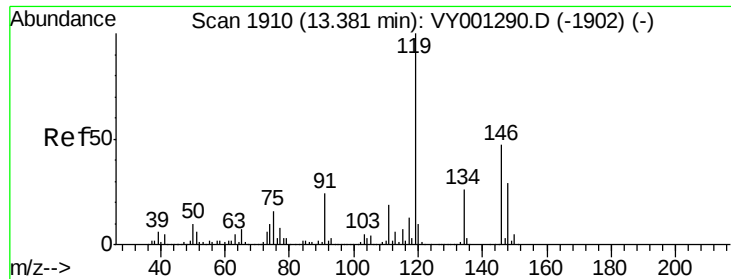
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 23.9 12.4 37.2





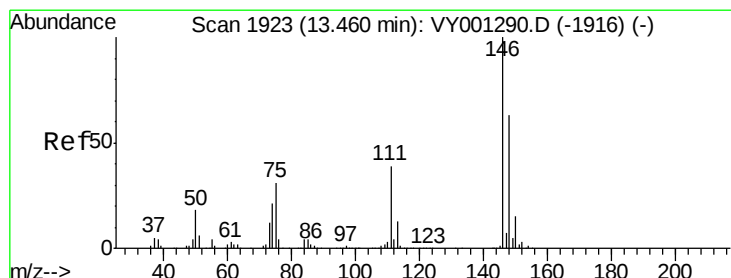
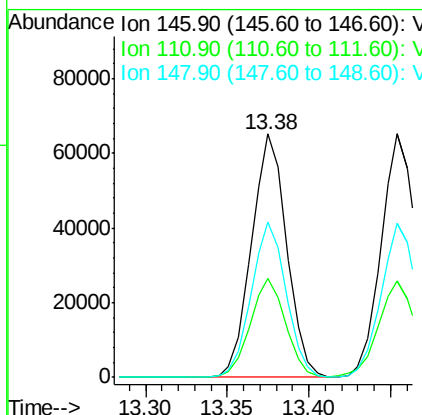
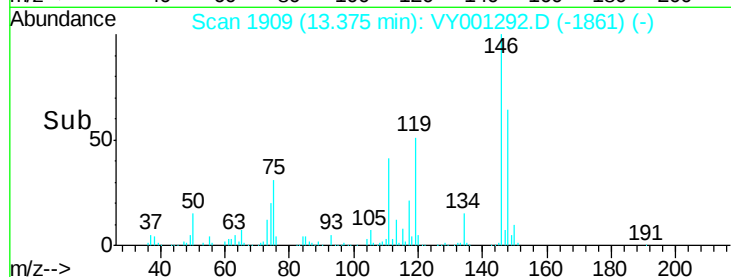
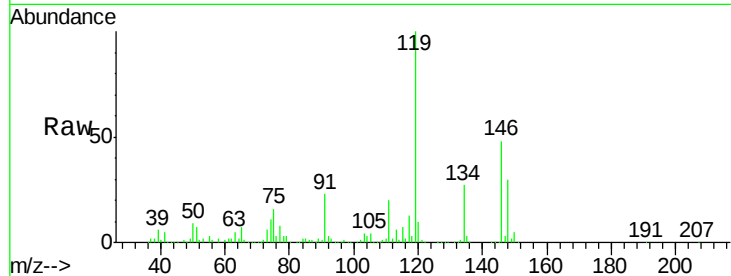
#87
 1,3-Dichlorobenzene
 Concen: 21.723 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.3	64.0
148	63.2	31.9	95.5

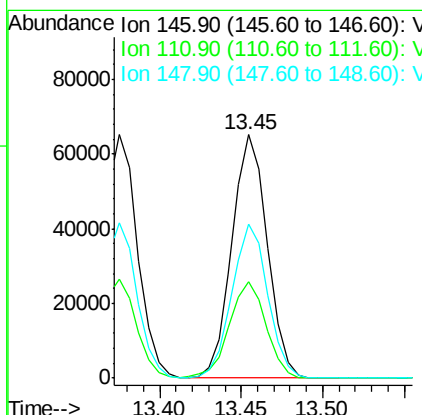
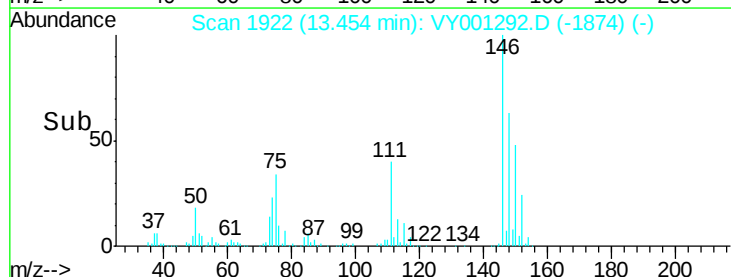
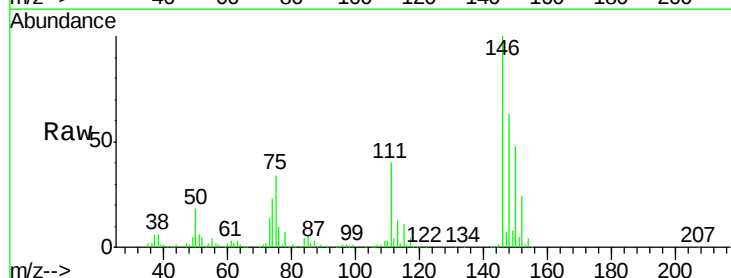
Manual Integrations
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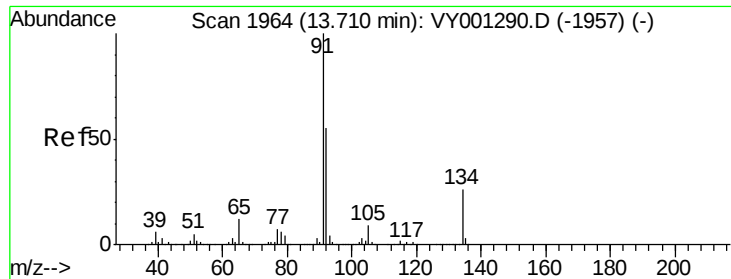
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#88
 1,4-Dichlorobenzene
 Concen: 21.293 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.5
148	63.8	32.0	96.2





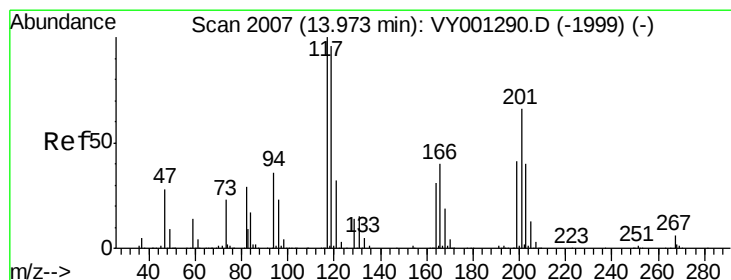
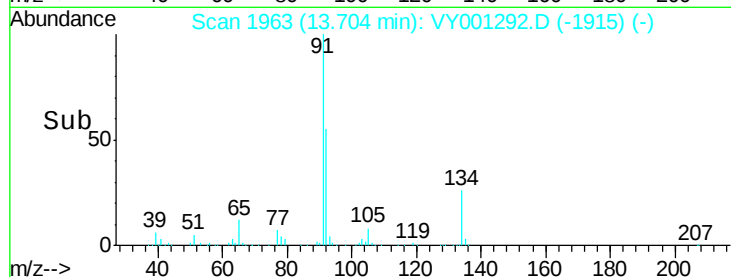
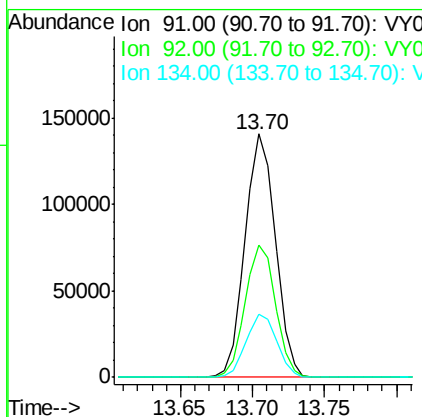
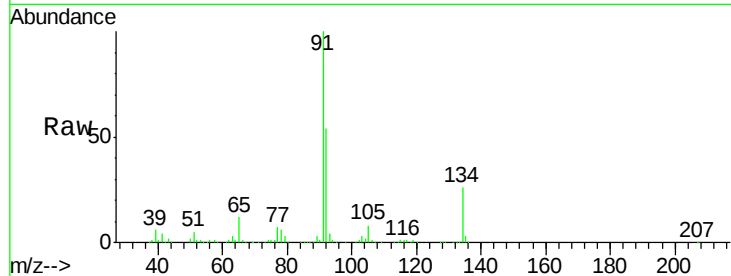
#89
n-Butylbenzene
Concen: 21.598 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	205574		
92	54.3		27.7	83.1
134	26.0		12.9	38.6

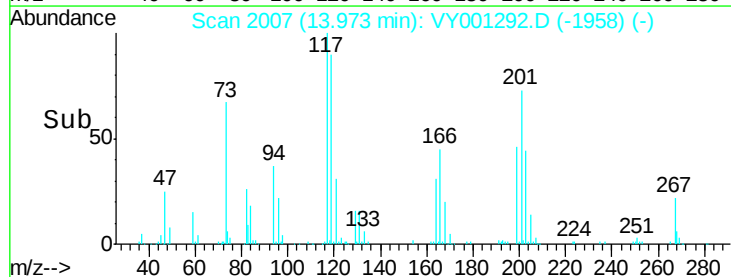
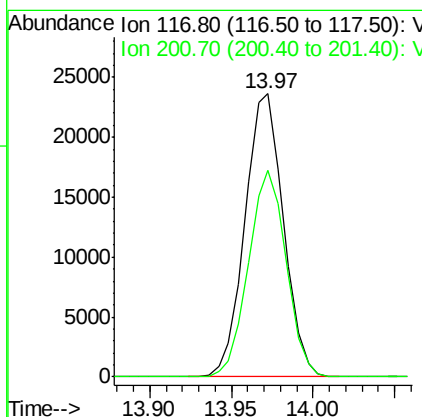
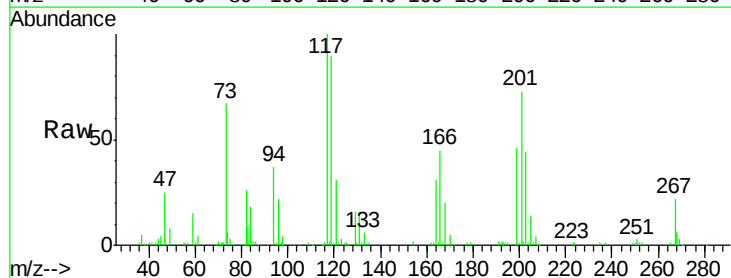
Manual Integrations
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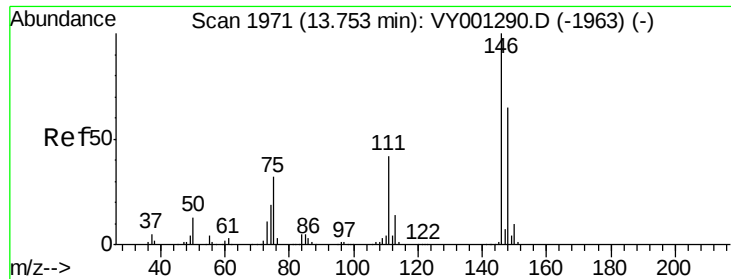
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#90
Hexachloroethane
Concen: 20.979 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38740		
201	71.5		35.4	106.2





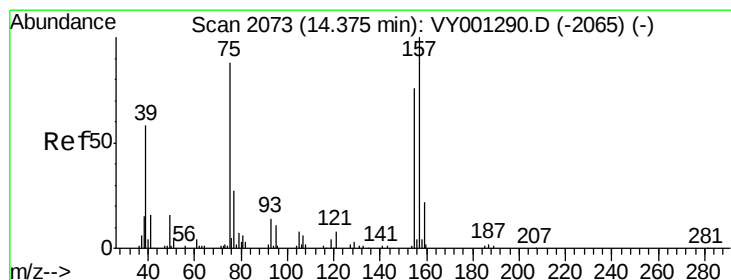
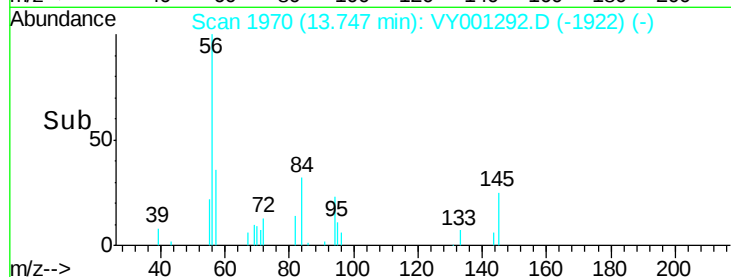
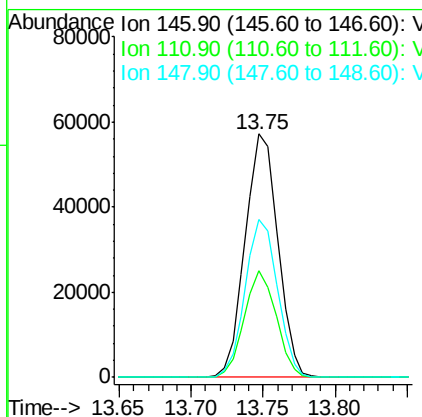
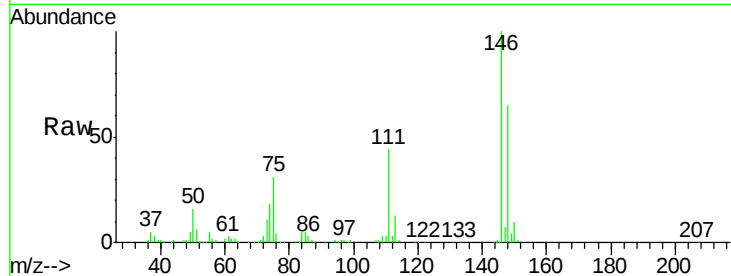
#91
 1,2-Dichlorobenzene
 Concen: 21.523 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.0	66.0
148	64.1	32.1	96.3

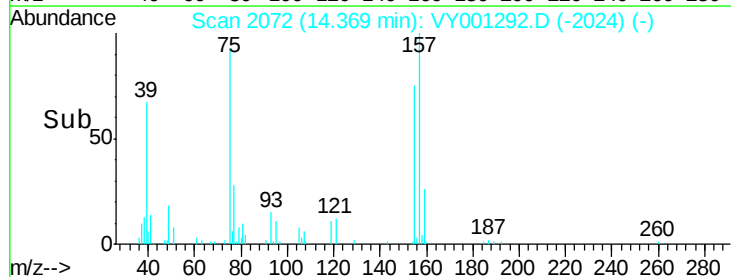
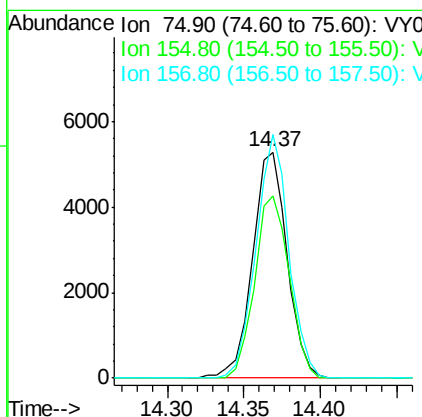
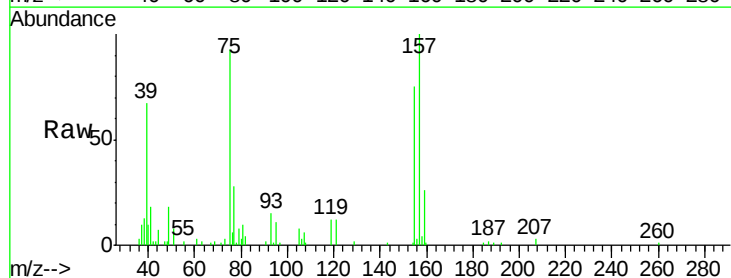
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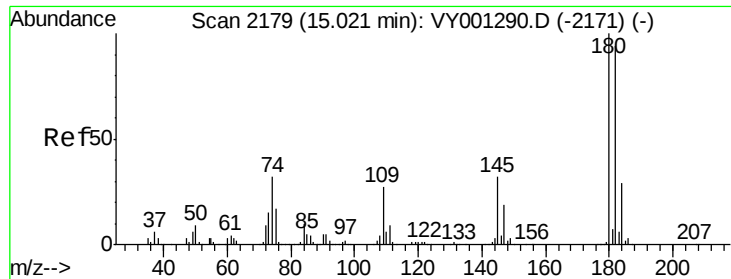
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.273 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: VY001292.D
 Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	41.2	123.6
157	102.5	52.8	158.4





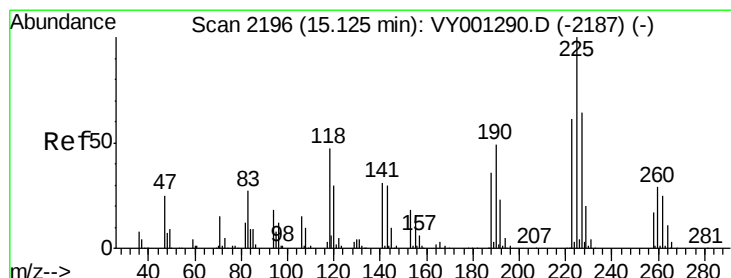
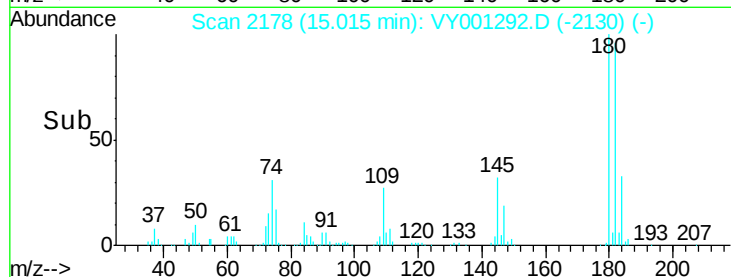
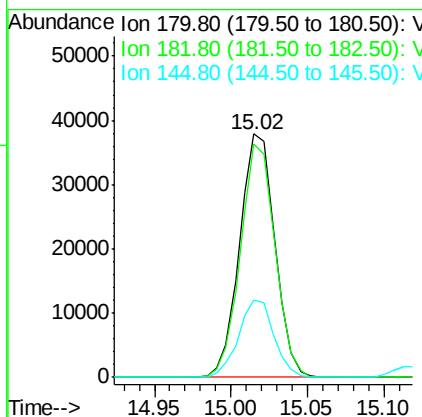
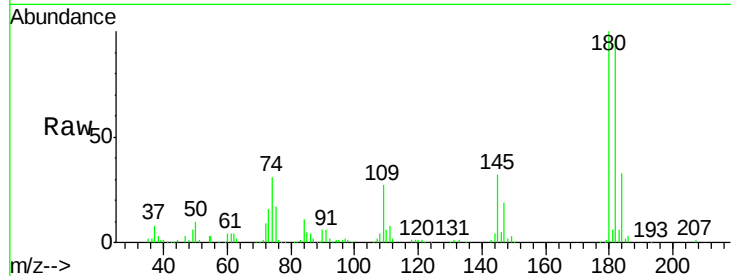
#93
1,2,4-Trichlorobenzene
Concen: 21.909 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.9	140.8
145	31.9	16.0	48.0

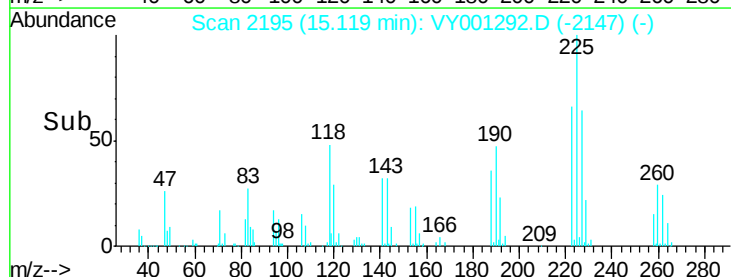
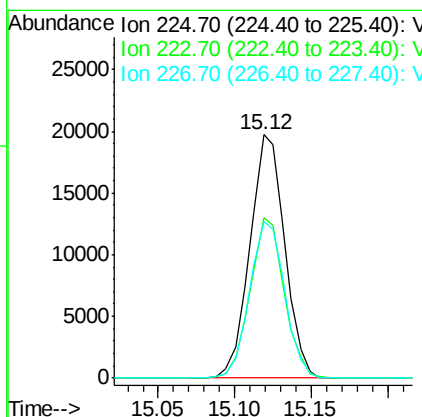
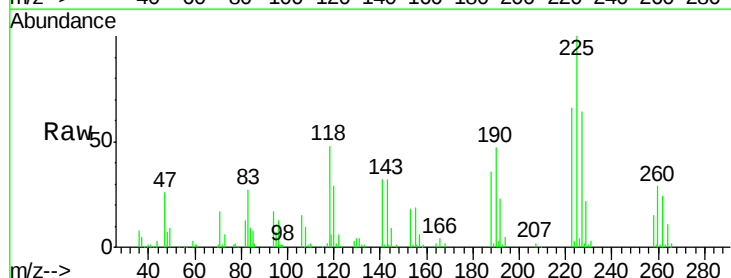
Manual Integrations
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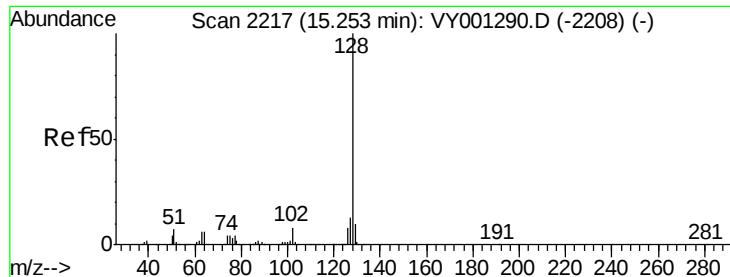
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#94
Hexachlorobutadiene
Concen: 22.414 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.1	93.3
227	64.9	31.3	93.9





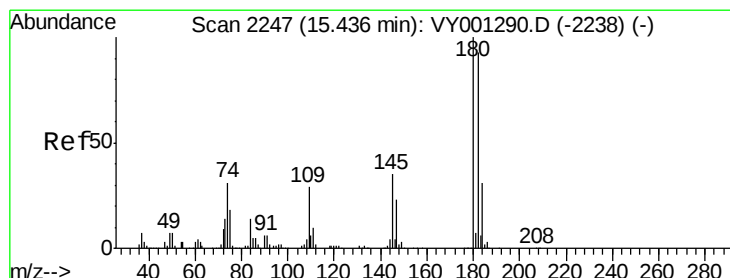
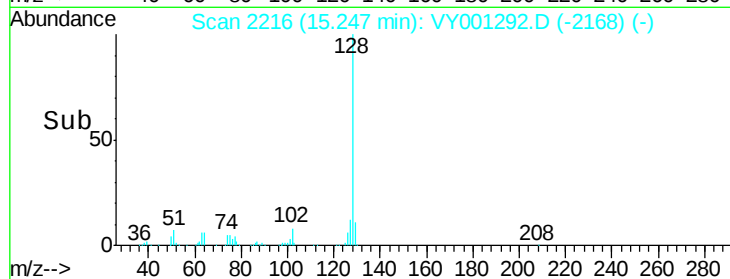
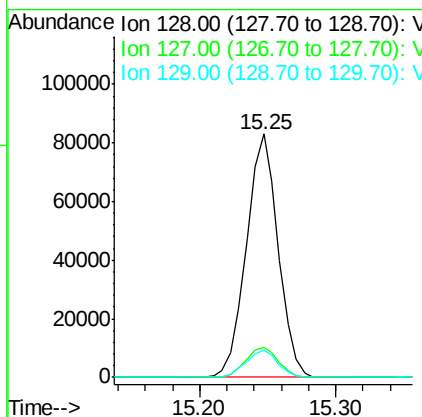
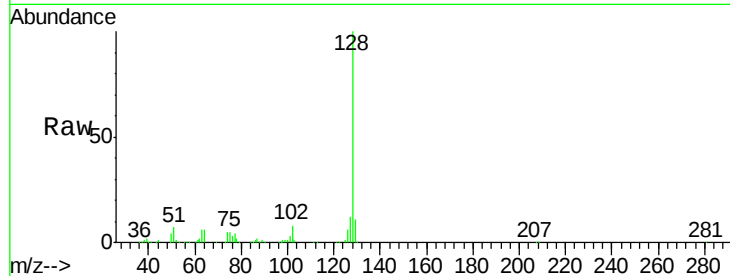
#95
Naphthalene
Concen: 21.041 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.01 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	135266		
127	12.7	10.2	15.4	
129	11.1	8.5	12.7	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 22.090 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY001292.D
Acq: 20 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	53762		
182	93.8	47.5	142.5	
145	33.2	17.1	51.3	

