

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001811.D
 Acq On : 02 Mar 2020 11:45
 Operator : SY/MD
 Sample : VY0302SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 02 14:09:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	170656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	130220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	99809	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.74	113	95015	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.19	98	388943	56.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.22%	
62) 4-Bromofluorobenzene	12.49	95	137581	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31244	18.782	ug/l	96
3) Chloromethane	2.13	50	44114	19.716	ug/l	94
4) Vinyl Chloride	2.27	62	43519	19.284	ug/l	99
5) Bromomethane	2.66	94	29527	20.934	ug/l	99
6) Chloroethane	2.81	64	28050	20.170	ug/l	99
7) Trichlorofluoromethane	3.15	101	62020	21.472	ug/l	96
8) Diethyl Ether	3.55	74	24136	21.197	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	40002	22.034	ug/l	98
10) Methyl Iodide	4.11	142	43193	19.440	ug/l	99
11) Tert butyl alcohol	4.99	59	25510	105.299	ug/l	98
12) 1,1-Dichloroethene	3.90	96	38948	21.034	ug/l	94
13) Acrolein	3.75	56	14633	78.930	ug/l	97
14) Allyl chloride	4.51	41	69336	21.040	ug/l	99
15) Acrylonitrile	5.20	53	66574	114.065	ug/l	100
16) Acetone	3.98	43	58951	92.813	ug/l	99
17) Carbon Disulfide	4.22	76	118874	19.230	ug/l	100
18) Methyl Acetate	4.50	43	34127	24.672	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	111202	21.570	ug/l	96
20) Methylene Chloride	4.75	84	50313	22.301	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	43824	20.744	ug/l	91
22) Diisopropyl ether	6.15	45	147220	21.754	ug/l	98
23) Vinyl Acetate	6.09	43	463513	105.001	ug/l	100
24) 1,1-Dichloroethane	6.05	63	79057	21.857	ug/l	95
25) 2-Butanone	7.02	43	88551	102.628	ug/l	98
26) 2,2-Dichloropropane	7.02	77	65876	20.933	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	49626	21.281	ug/l	100
28) Bromochloromethane	7.36	49	30678	20.360	ug/l	99
29) Tetrahydrofuran	7.37	42	56873	109.053	ug/l	99
30) Chloroform	7.53	83	74924	21.199	ug/l	95
31) Cyclohexane	7.80	56	79137	20.520	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	62805	21.143	ug/l	99
36) 1,1-Dichloropropene	7.94	75	61126	20.715	ug/l	99
37) Ethyl Acetate	7.11	43	37079	21.053	ug/l	98
38) Carbon Tetrachloride	7.92	117	53610	20.684	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	79529	20.315	ug/l	97
40) Benzene	8.18	78	184584	21.269	ug/l	100
41) Methacrylonitrile	7.34	41	19344	21.875	ug/l #	81
42) 1,2-Dichloroethane	8.25	62	49676	21.011	ug/l	100
43) Isopropyl Acetate	8.29	43	70819	21.193	ug/l	99
44) Trichloroethene	8.96	130	45626	21.061	ug/l	97
45) 1,2-Dichloropropane	9.23	63	47768	21.978	ug/l	99
46) Dibromomethane	9.32	93	24285	21.363	ug/l	99
47) Bromodichloromethane	9.51	83	58143	21.192	ug/l	99
48) Methyl methacrylate	9.31	41	31449	20.810	ug/l	99
49) 1,4-Dioxane	9.31	88	6593	410.628	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	181386	105.649	ug/l	99
52) Toluene	10.25	92	114217	21.099	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	64163	21.155	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	74369	21.304	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	35508	21.183	ug/l	96
56) Ethyl methacrylate	10.52	69	53185	21.150	ug/l	98
57) 1,3-Dichloropropane	10.80	76	64843	21.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	130590	128.821	ug/l	99
59) 2-Hexanone	10.84	43	130846	101.573	ug/l	99
60) Dibromochloromethane	10.99	129	37724	20.413	ug/l	100
61) 1,2-Dibromoethane	11.10	107	33741	21.289	ug/l	97
64) Tetrachloroethene	10.73	164	37828	21.859	ug/l	94
65) Chlorobenzene	11.52	112	118519	21.535	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	40470	21.798	ug/l	98
67) Ethyl Benzene	11.60	91	218202	21.364	ug/l	97
68) m/p-Xylenes	11.70	106	164058	43.001	ug/l	98
69) o-Xylene	12.03	106	77879	21.471	ug/l	97
70) Styrene	12.05	104	134121	21.277	ug/l	98
71) Bromoform	12.22	173	21496	20.260	ug/l #	100
73) Isopropylbenzene	12.33	105	206745	20.840	ug/l	99
74) N-amyl acetate	12.15	43	63811	20.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	45420	21.443	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	31985m	21.412	ug/l	
77) Bromobenzene	12.61	156	46021	21.400	ug/l	95
78) n-propylbenzene	12.67	91	259924	21.513	ug/l	99
79) 2-Chlorotoluene	12.76	91	141058	20.816	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	172361	20.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16489	20.942	ug/l	97
82) 4-Chlorotoluene	12.86	91	150607	21.072	ug/l	100
83) tert-Butylbenzene	13.08	119	147241	21.438	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	173129	21.147	ug/l	98
85) sec-Butylbenzene	13.26	105	216787	21.461	ug/l	100
86) p-Isopropyltoluene	13.38	119	188599	21.492	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	88997	21.338	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	90050	21.359	ug/l	99
89) n-Butylbenzene	13.70	91	193098	21.535	ug/l	99
90) Hexachloroethane	13.97	117	35430	21.429	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	81249	21.109	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6913	19.775	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	53588	21.009	ug/l	98
94) Hexachlorobutadiene	15.12	225	26165	20.627	ug/l	99
95) Naphthalene	15.24	128	121408	20.644	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	46854	20.880	ug/l	99

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

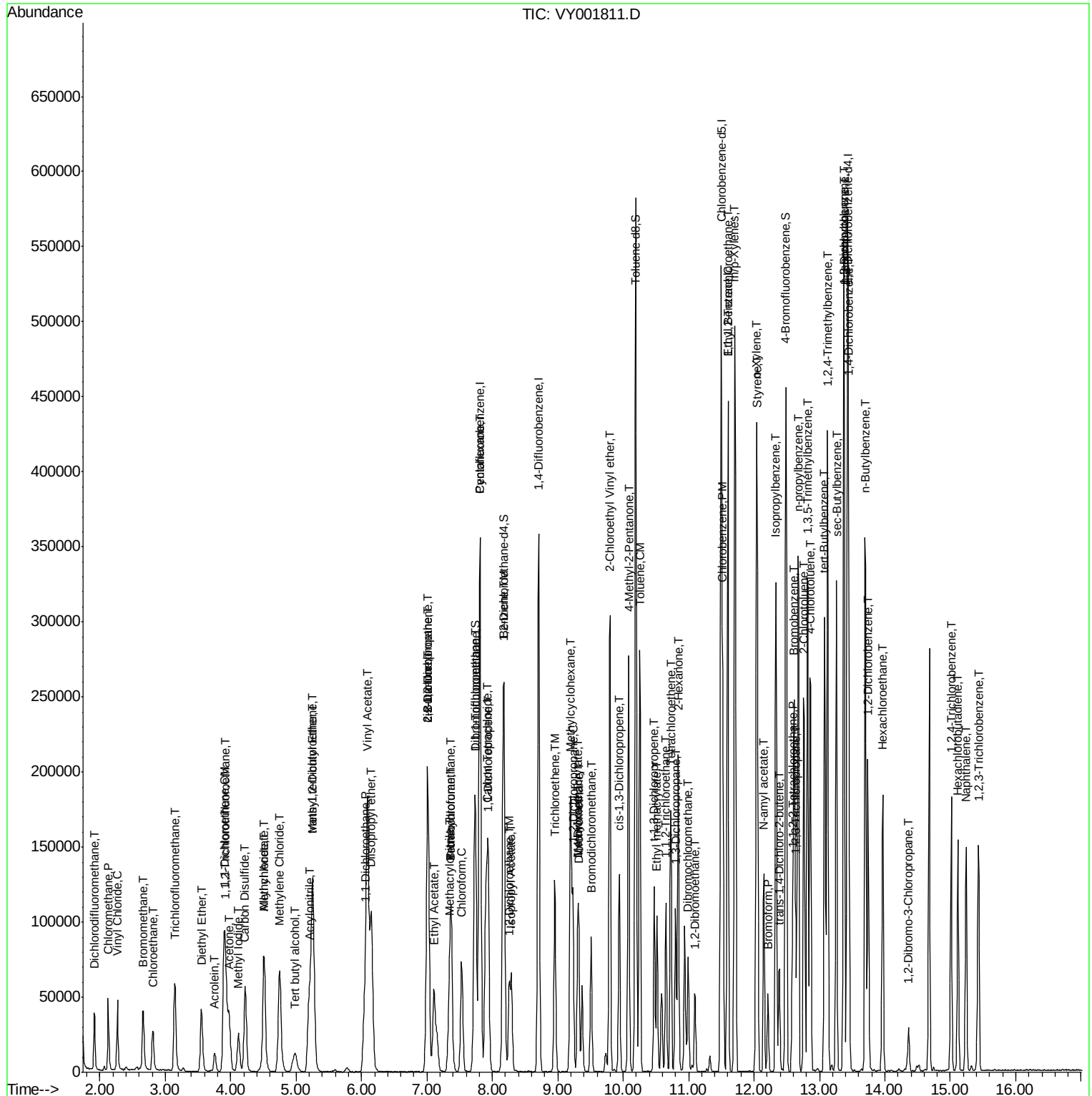
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
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Operator : SY/MD
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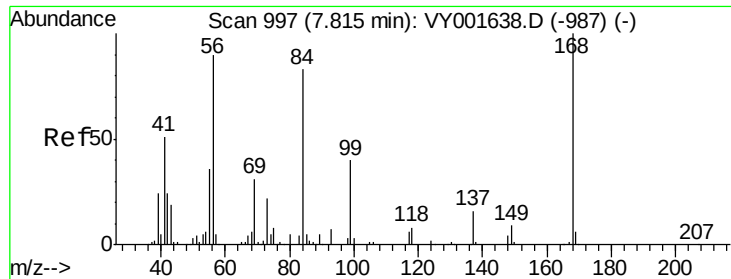
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

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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: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

Tot Ion:168 Resp: 170656

Ion Ratio Lower Upper

168 100

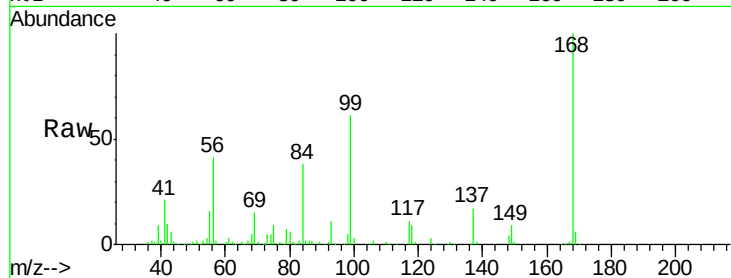
99 61.1 47.5 71.3

Manual Integrations

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3/3/2020 11:11:41 AM



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.81

80000

60000

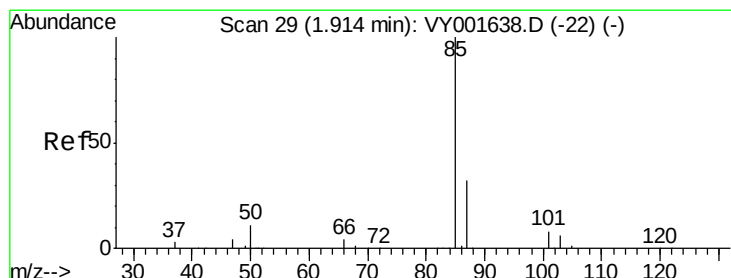
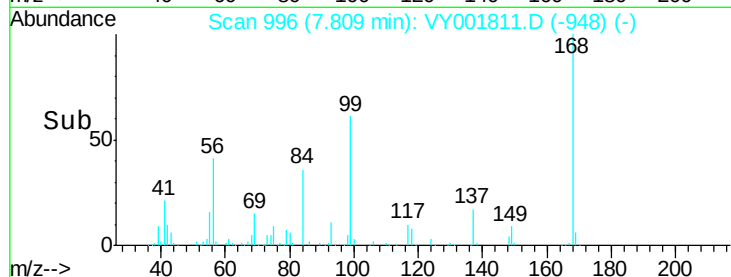
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.782 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY001811.D

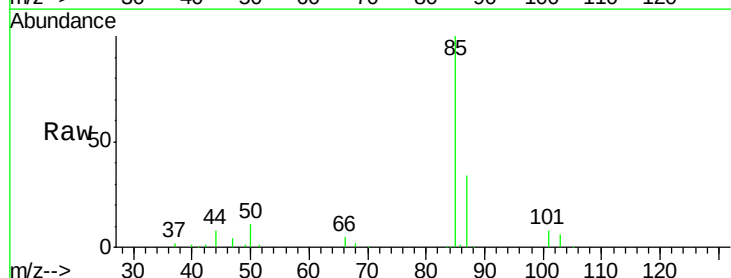
Acq: 02 Mar 2020 11:45

Tgt Ion: 85 Resp: 31244

Ion Ratio Lower Upper

85 100

87 34.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)

1.91

25000

20000

15000

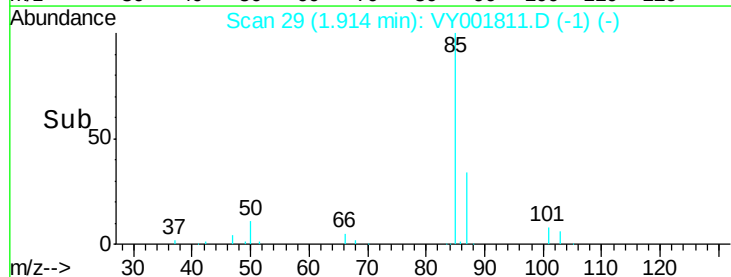
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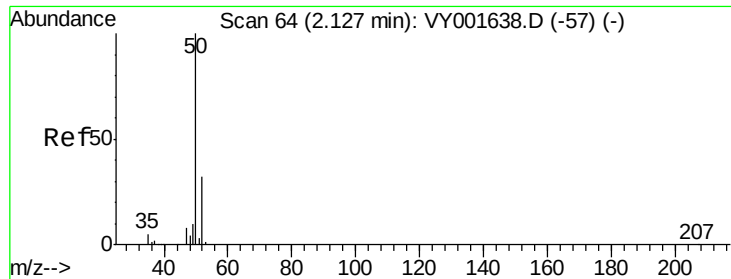
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.716 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

Tot Ion: 50 Resp: 44114

Ion Ratio Lower Upper

50 100

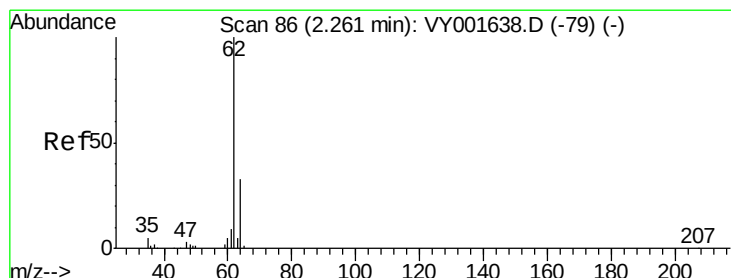
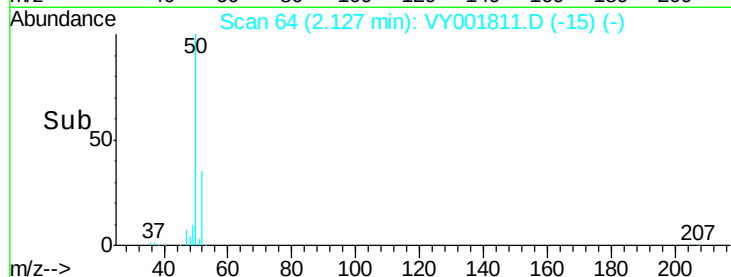
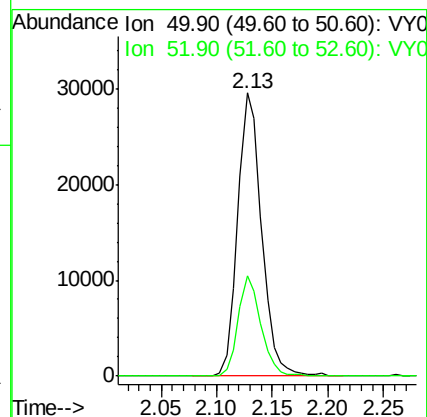
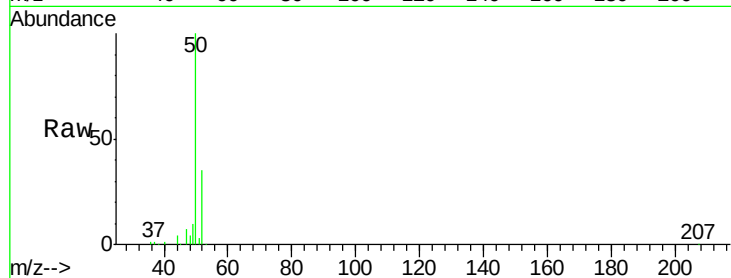
52 35.4 25.8 38.6

Manual Integrations

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3/3/2020 11:11:41 AM



#4

Vinyl Chloride

Concen: 19.284 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001811.D

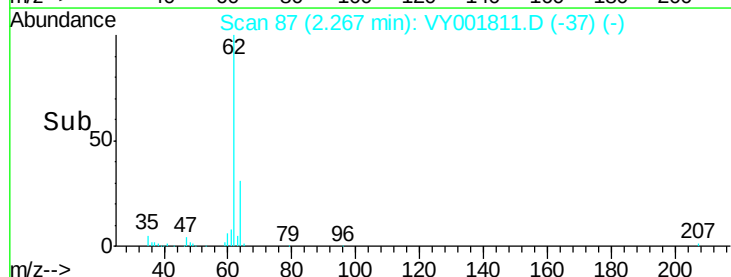
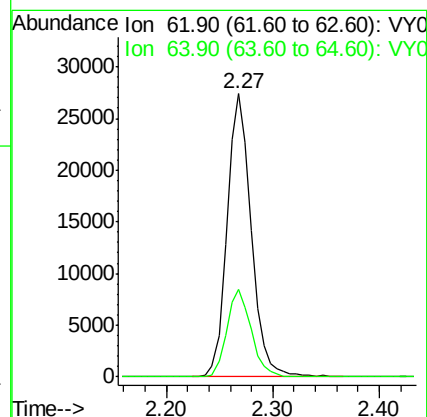
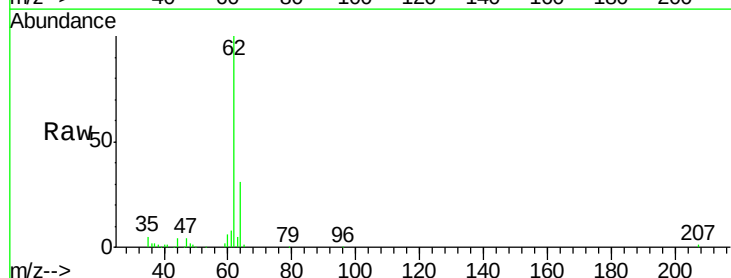
Acq: 02 Mar 2020 11:45

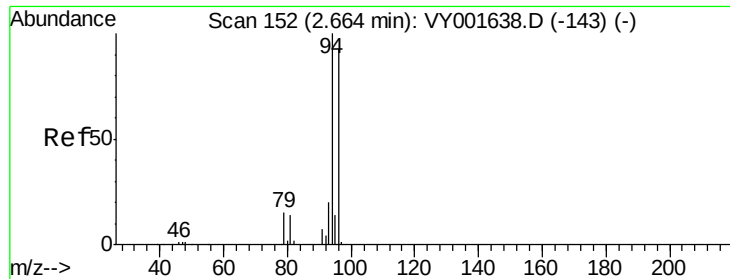
Tgt Ion: 62 Resp: 43519

Ion Ratio Lower Upper

62 100

64 30.8 24.9 37.3





#5

Bromomethane

Concen: 20.934 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

Tot Ion: 94 Resp: 29527

Ion Ratio Lower Upper

94 100

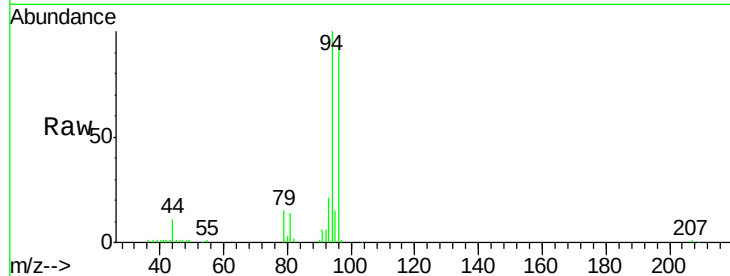
96 92.9 73.7 110.5

Manual Integrations

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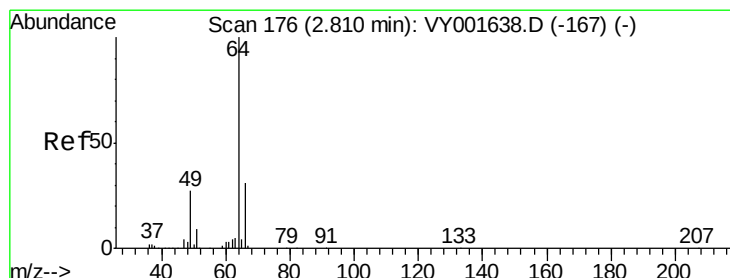
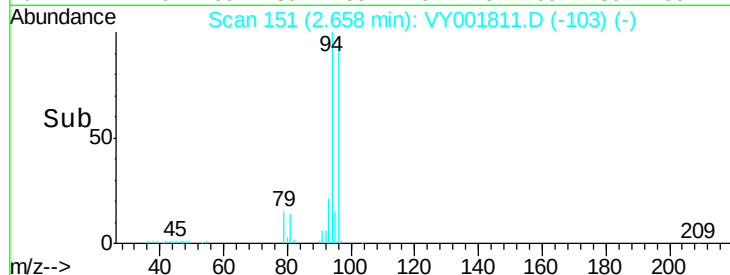
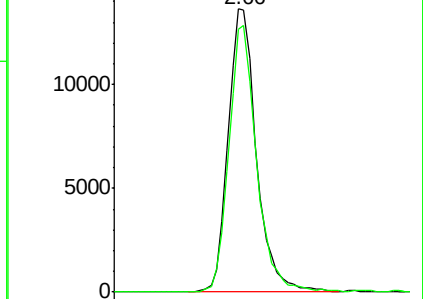
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.170 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.00 min

Lab File: VY001811.D

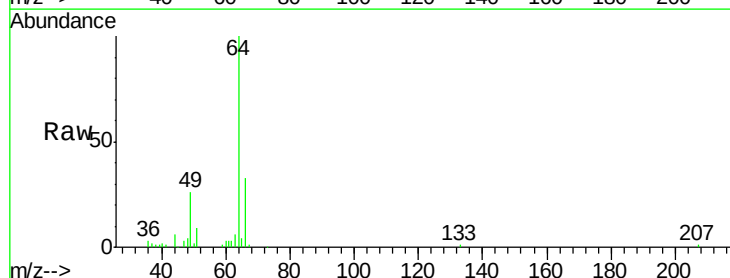
Acq: 02 Mar 2020 11:45

Tgt Ion: 64 Resp: 28050

Ion Ratio Lower Upper

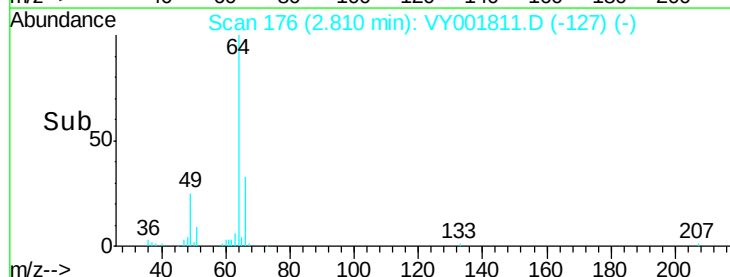
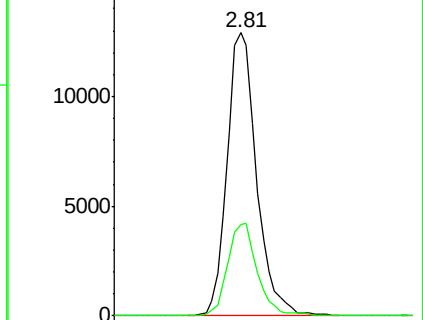
64 100

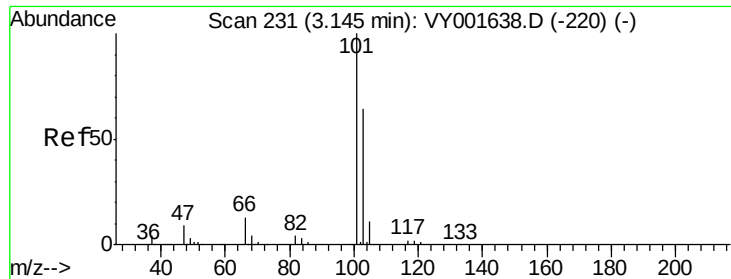
66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

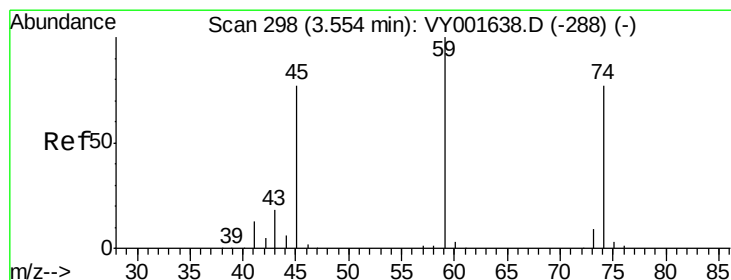
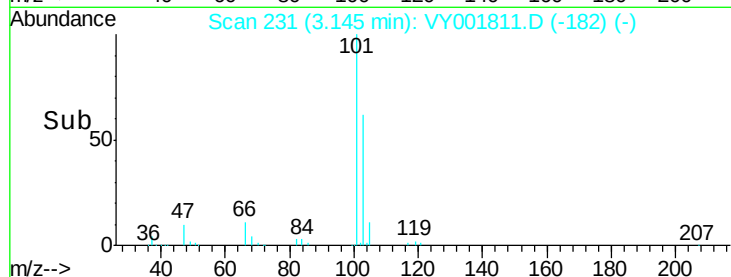
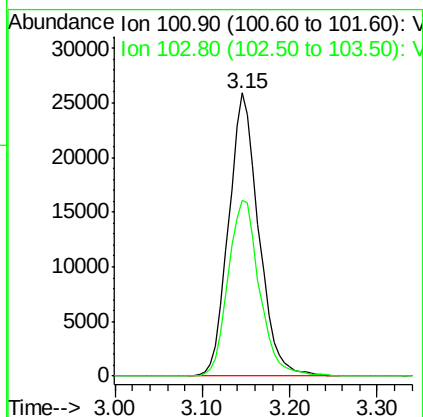
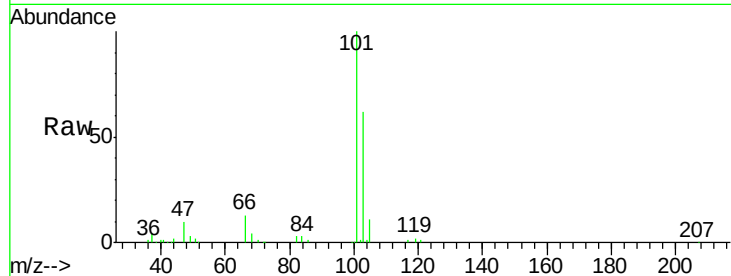
Trichlorofluoromethane
Concen: 21.472 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	52.2	78.2

Manual Integrations
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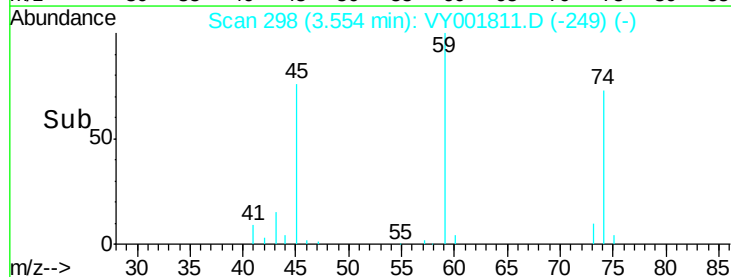
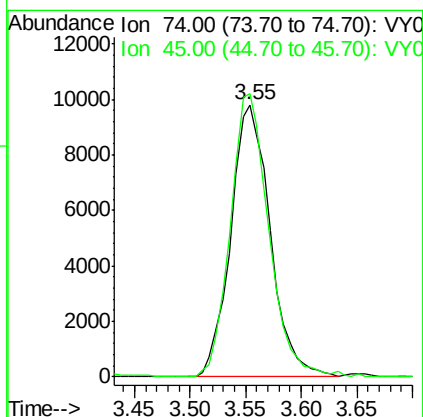
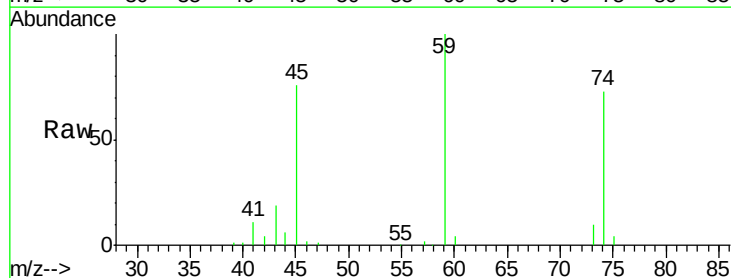
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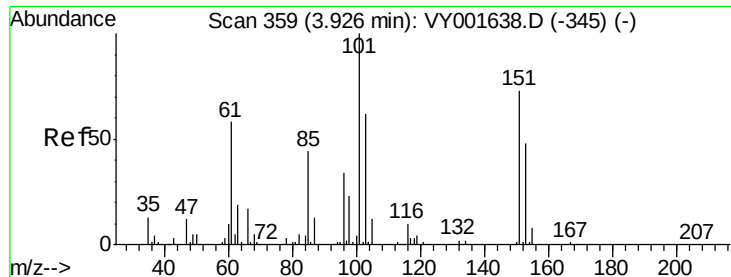


#8

Diethyl Ether
Concen: 21.197 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.034 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

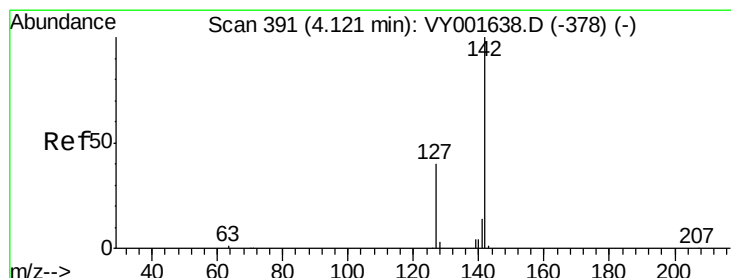
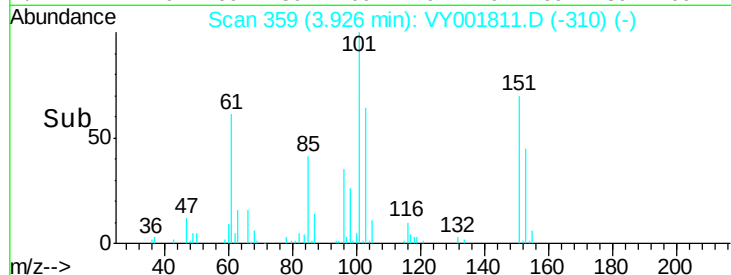
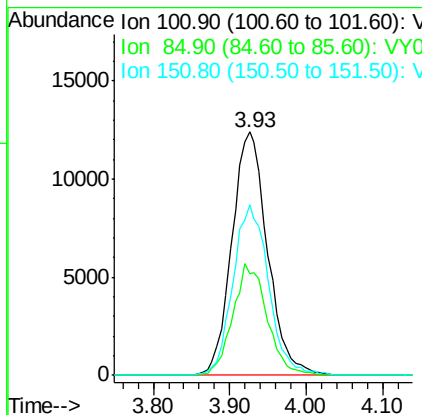
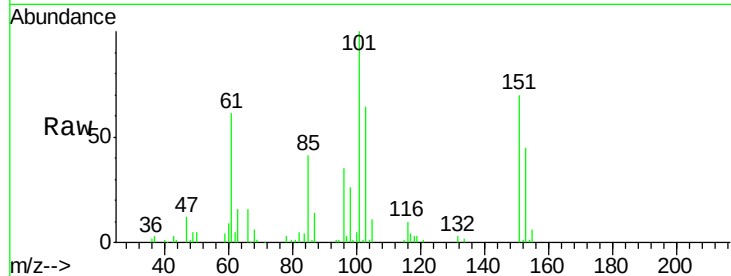
ClientSampleId :

VY0302SBS01

Tot Ion:	101	Resp:	40002
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.1	52.7
151	70.2	58.4	87.6

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#10

Methyl Iodide

Concen: 19.440 ug/l

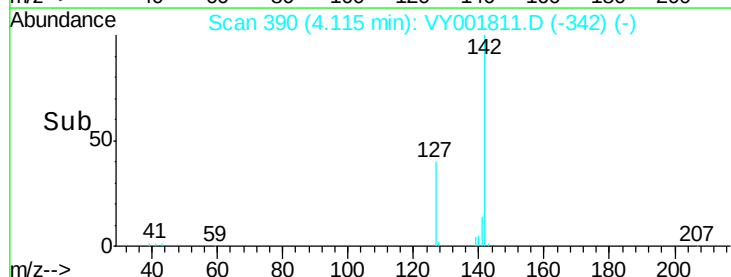
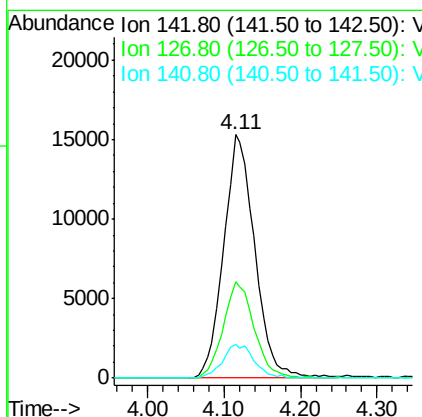
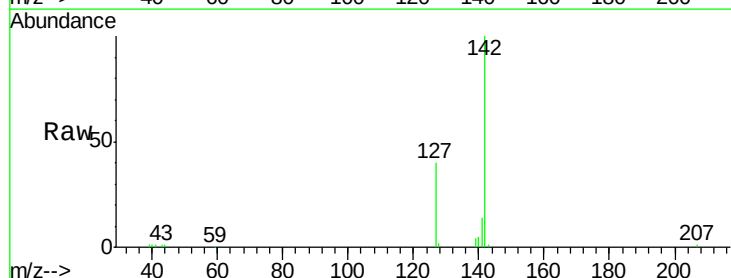
RT: 4.11 min Scan# 390

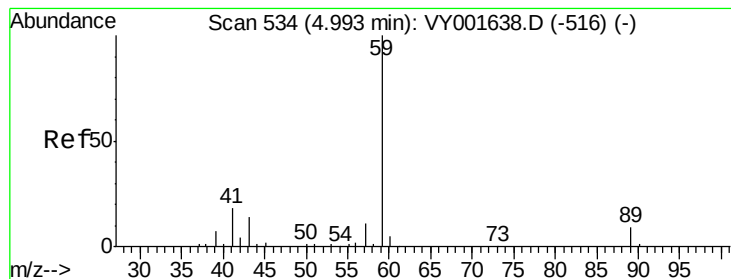
Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Tgt Ion:	142	Resp:	43193
Ion Ratio	Lower	Upper	
142	100		
127	39.2	32.1	48.1
141	13.8	11.3	16.9





#11

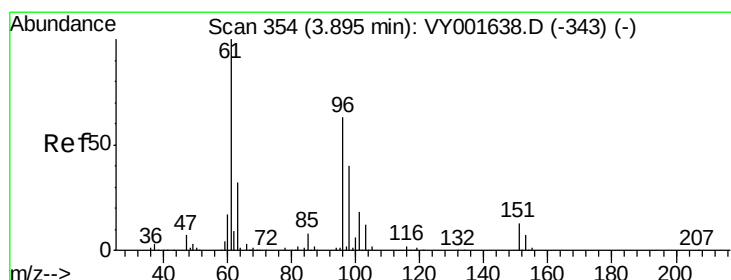
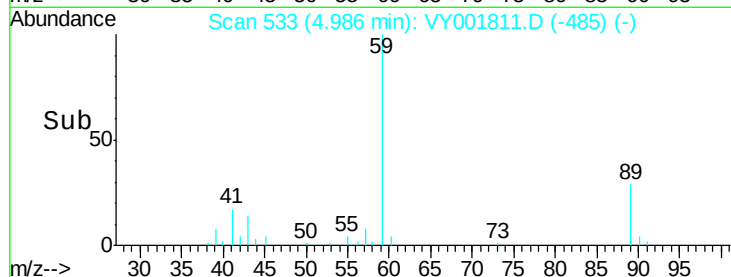
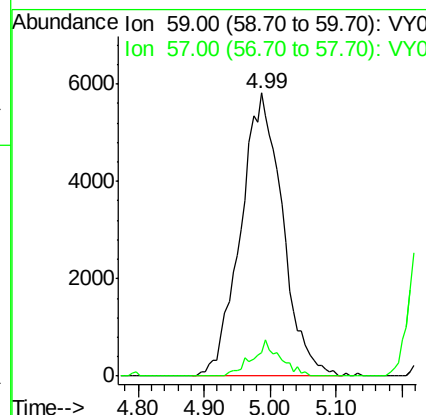
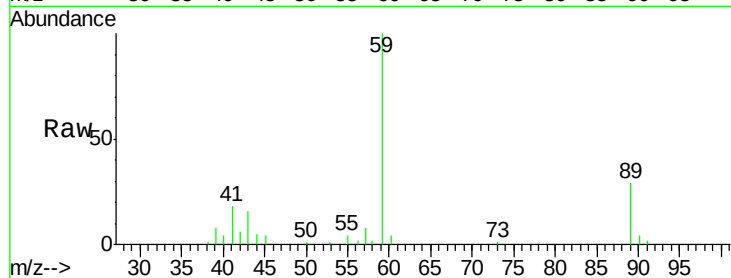
Tert butyl alcohol
 Concen: 105.299 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.5	7.4	11.2

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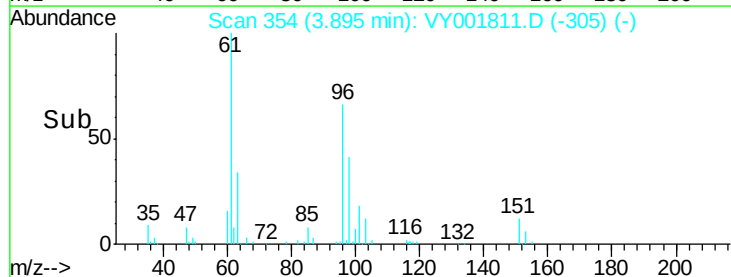
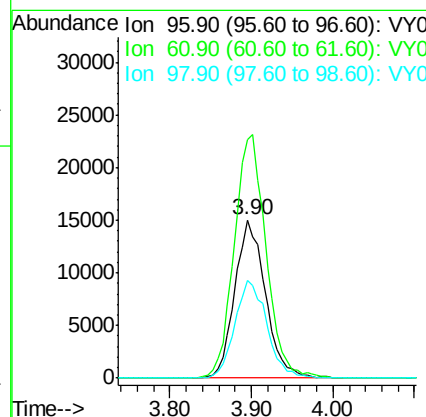
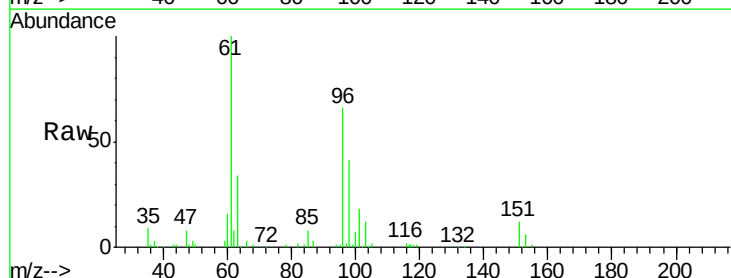
MMDadoda
 3/3/2020 11:11:41 AM

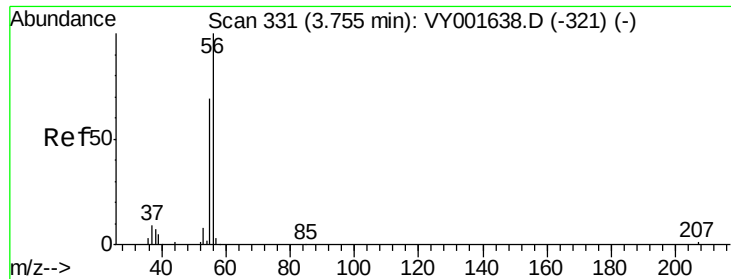


#12

1,1-Dichloroethene
 Concen: 21.034 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.7	128.7	193.1
98	62.0	50.7	76.1





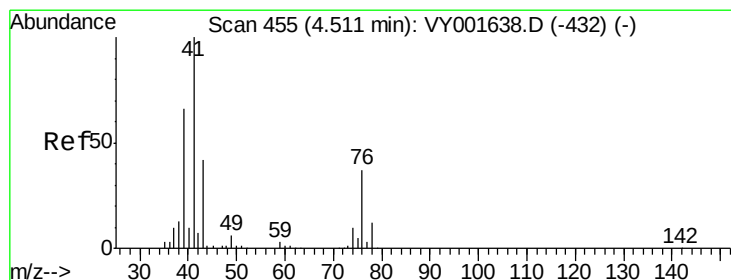
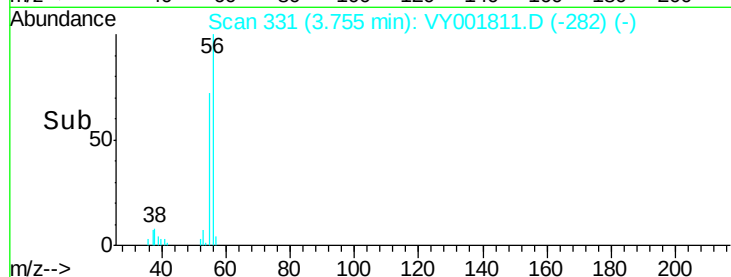
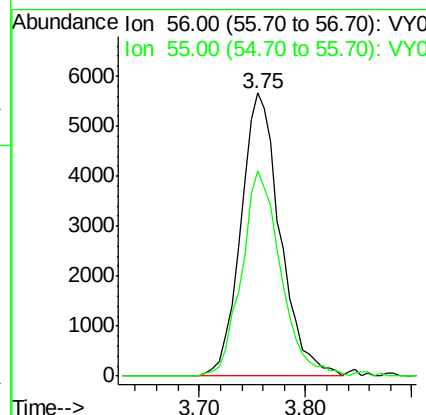
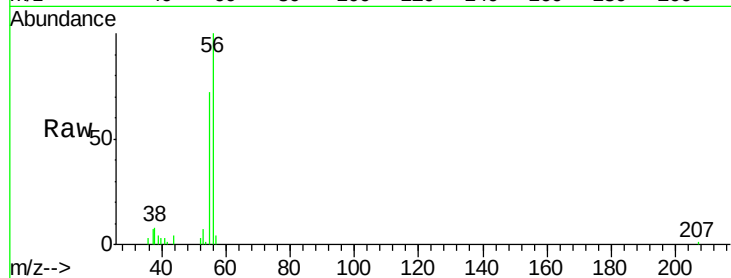
#13
 Acrolein
 Concen: 78.930 ug/l
 RT: 3.75 min Scan# 331
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tot Ion	56	Resp	14633
Ion Ratio	100	Lower	Upper
55	72.2	56.1	84.1

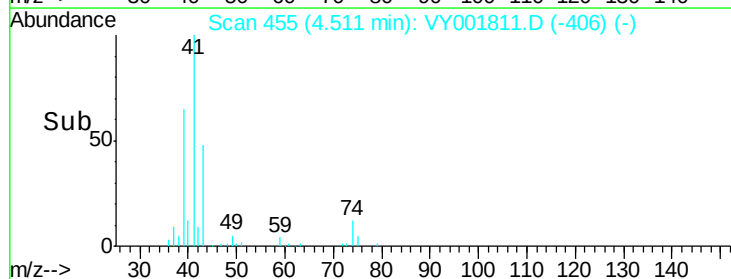
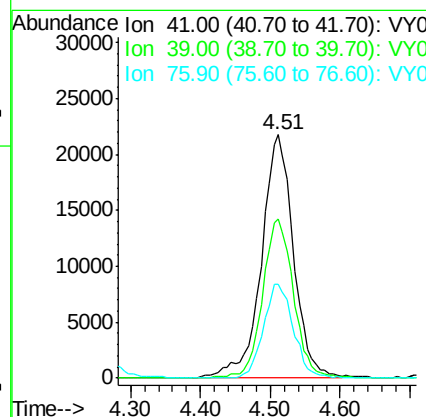
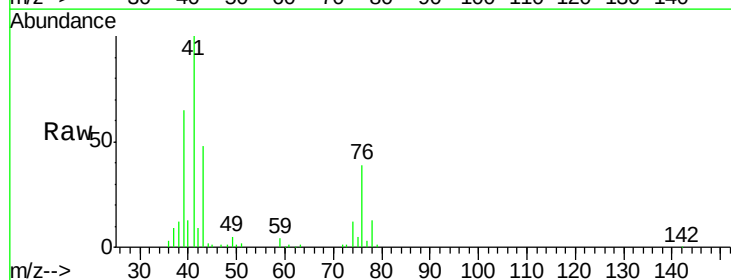
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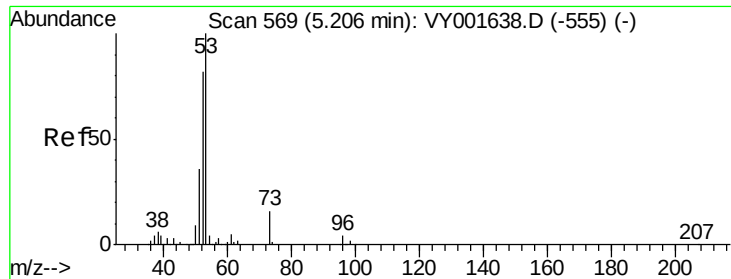
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#14
 Allyl chloride
 Concen: 21.040 ug/l
 RT: 4.51 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion	41	Resp	69336
Ion Ratio	100	Lower	Upper
39	63.1	49.4	74.0
76	36.0	29.0	43.6





#15

Acrylonitrile

Concen: 114.065 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

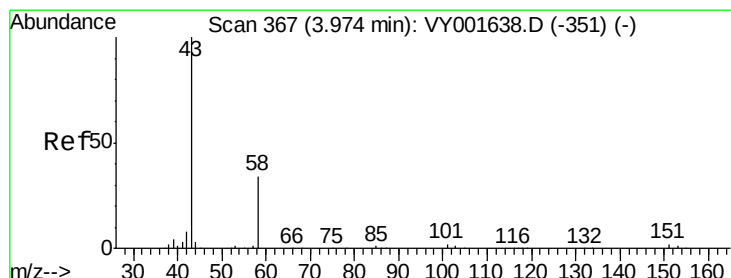
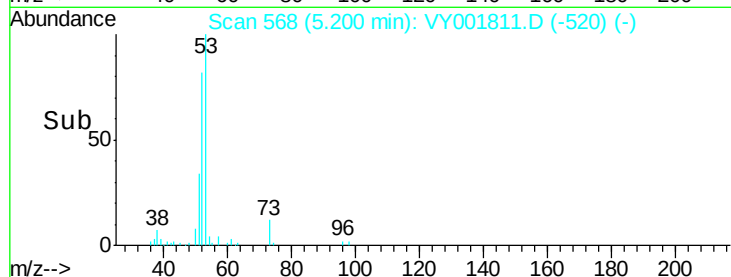
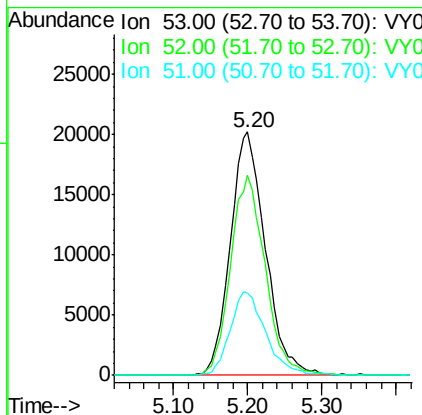
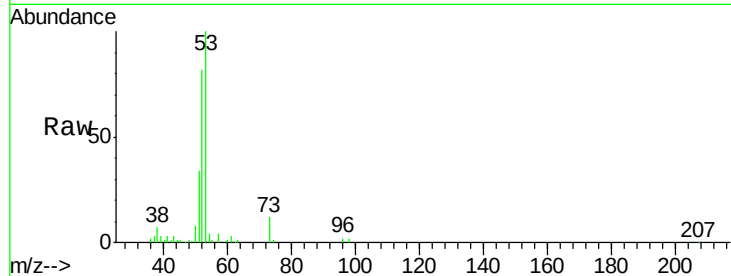
ClientSampleId :

VY0302SBS01

Tot Ion:	53	Resp:	66574
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.4	98.0
51	35.0	28.0	42.0

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#16

Acetone

Concen: 92.813 ug/l

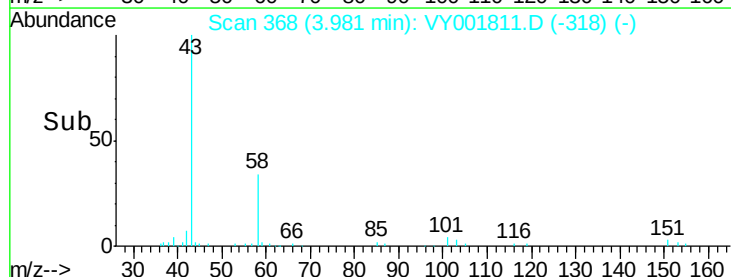
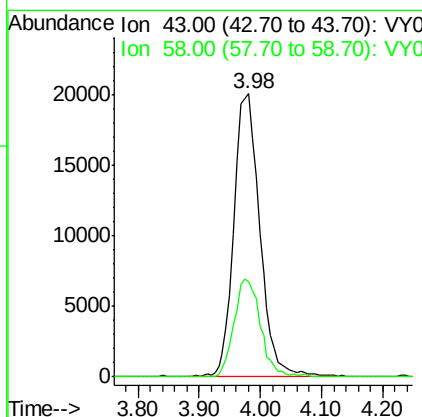
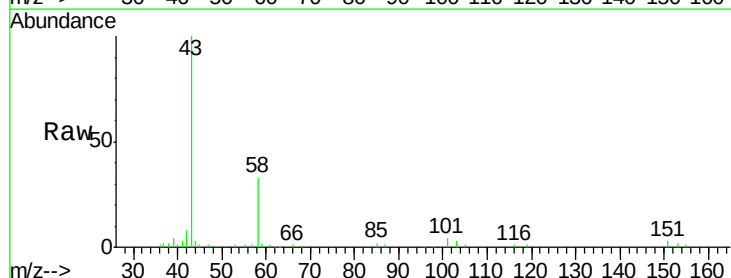
RT: 3.98 min Scan# 368

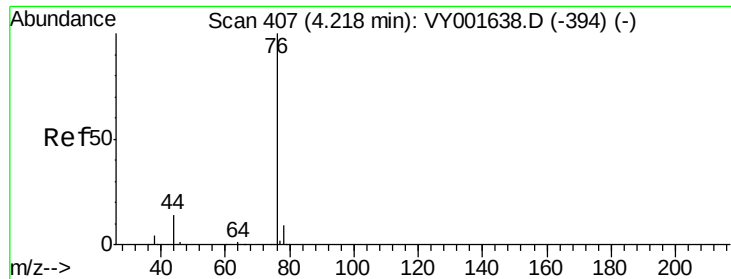
Delta R.T. 0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Tgt Ion:	43	Resp:	58951
Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.3	40.9





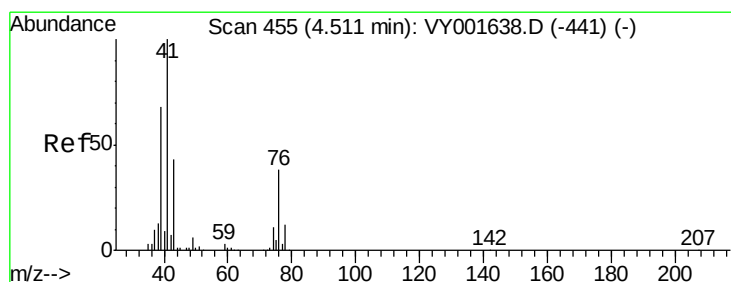
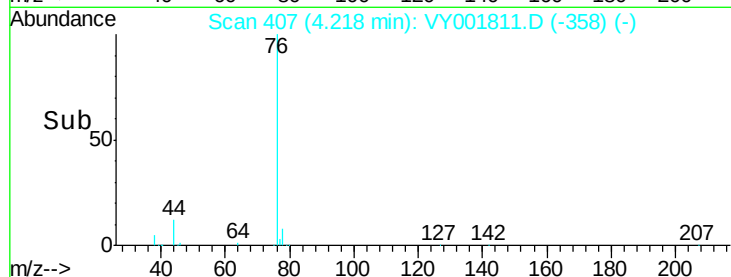
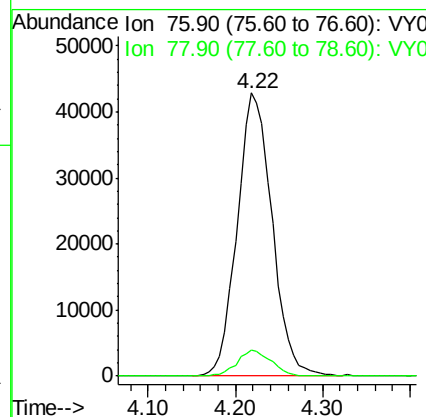
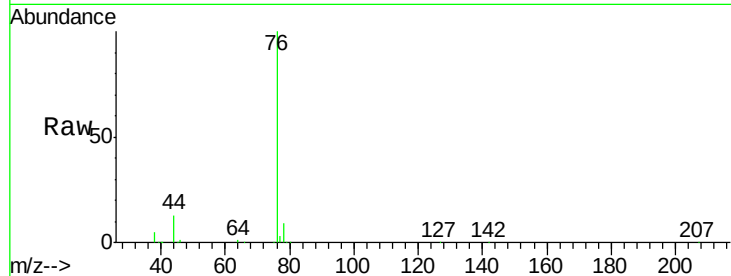
#17
Carbon Disulfide
Concen: 19.230 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

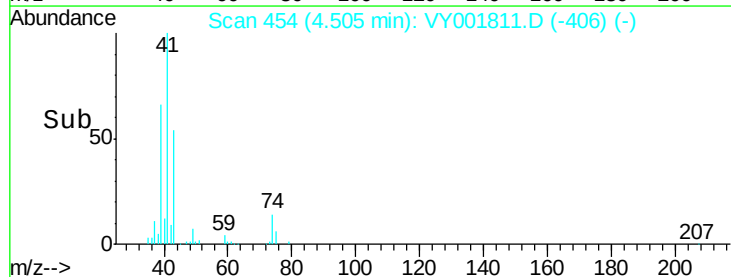
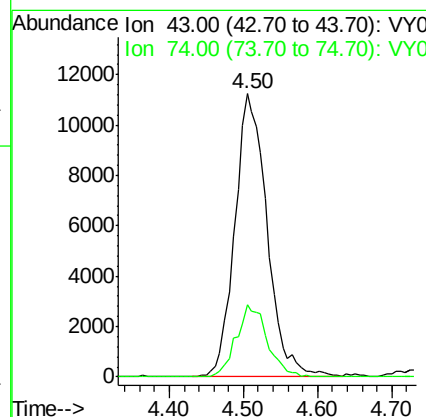
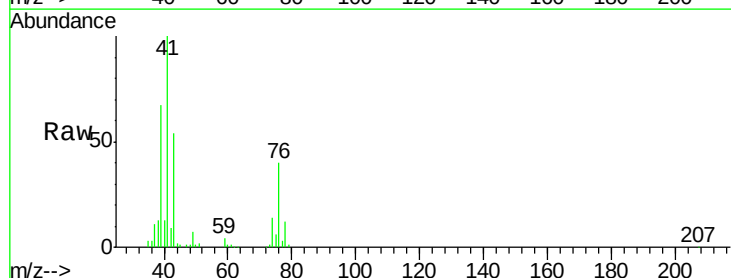
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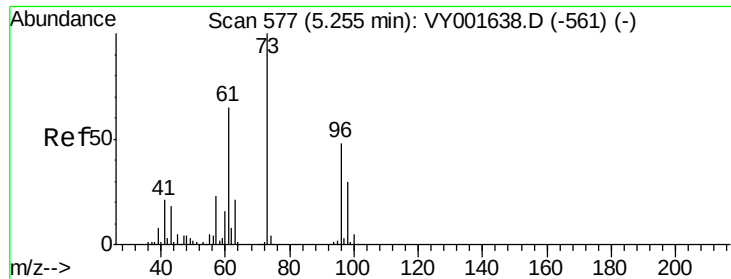
MMDadoda
3/3/2020 11:11:41 AM



#18
Methyl Acetate
Concen: 24.672 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.1	28.7





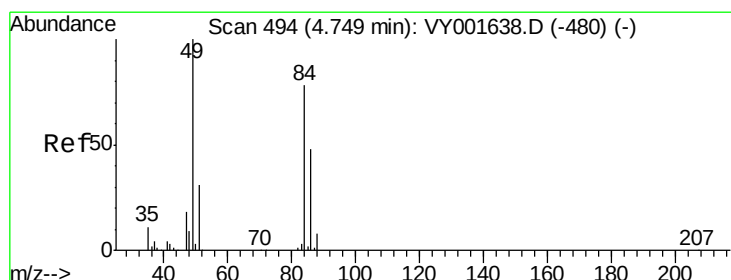
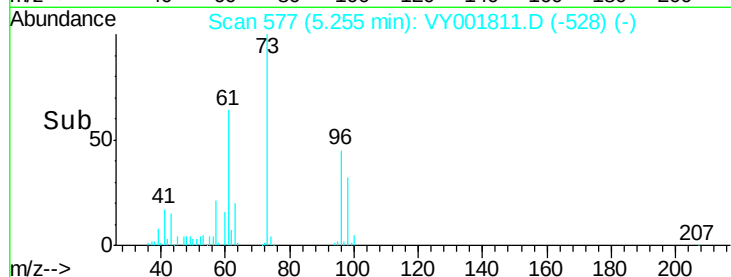
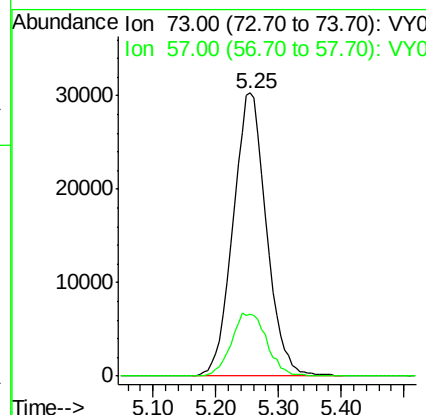
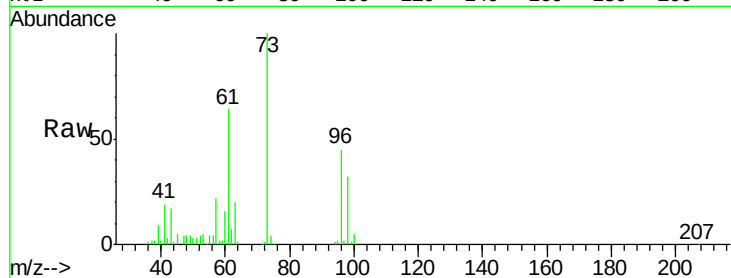
#19
Methyl tert-butyl Ether
Concen: 21.570 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion: 73 Resp: 111202
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.6

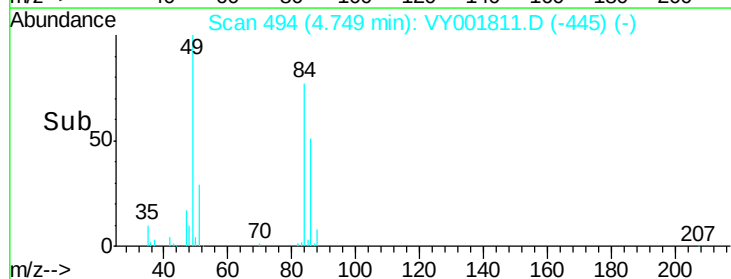
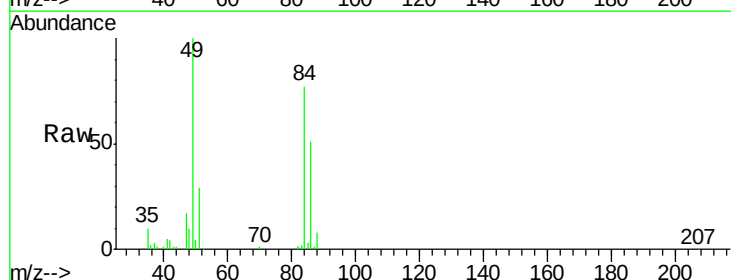
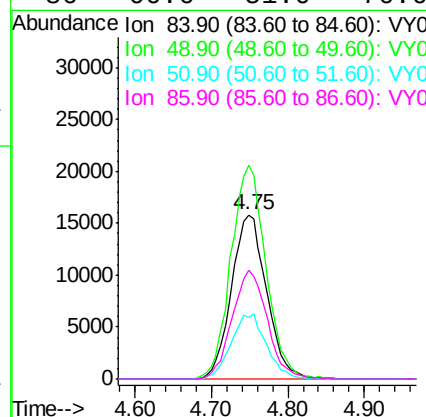
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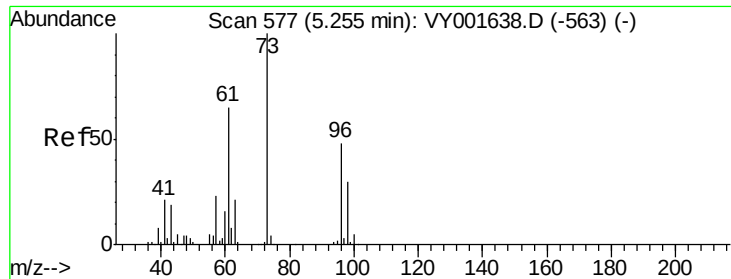
MMDadoda
3/3/2020 11:11:41 AM



#20
Methylene Chloride
Concen: 22.301 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 84 Resp: 50313
Ion Ratio Lower Upper
84 100
49 130.3 99.2 148.8
51 37.4 31.5 47.3
86 66.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.744 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

Tot Ion: 96 Resp: 43824

Ion Ratio Lower Upper

96 100

61 143.0 107.9 161.9

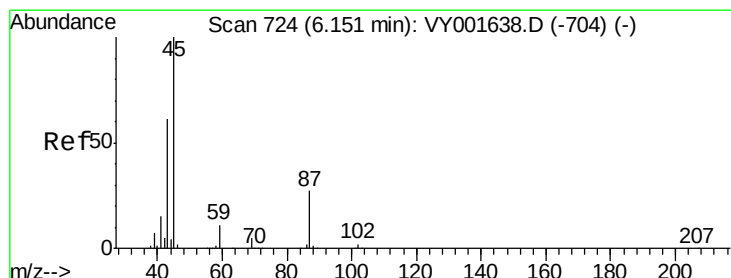
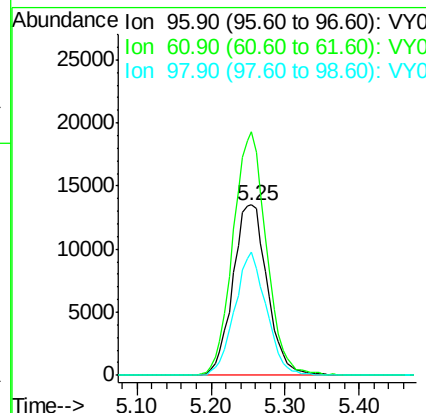
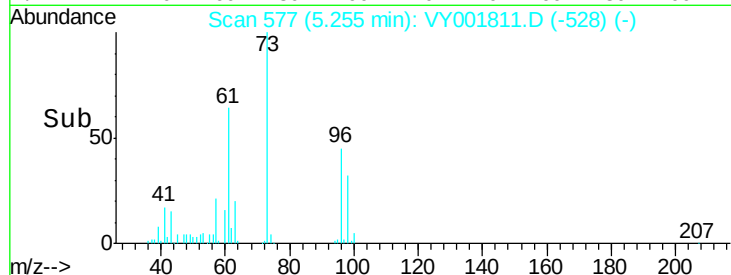
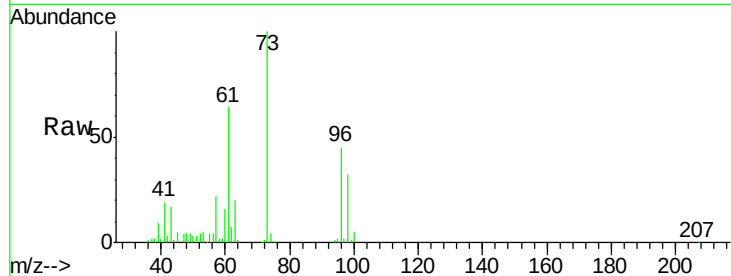
98 72.1 49.8 74.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.754 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Tgt Ion: 45 Resp: 147220

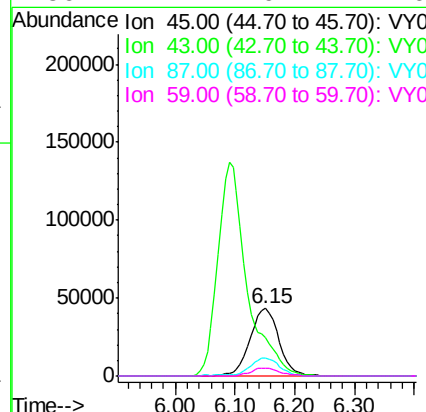
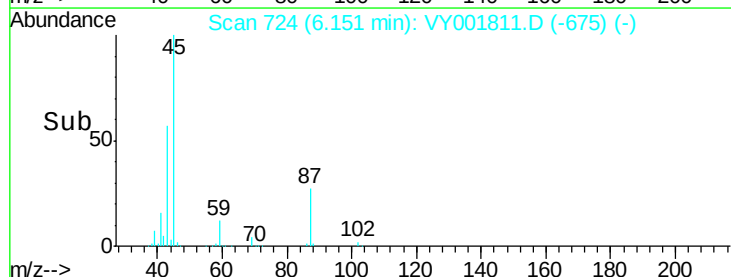
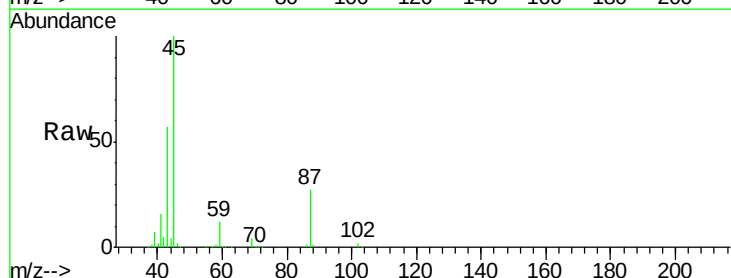
Ion Ratio Lower Upper

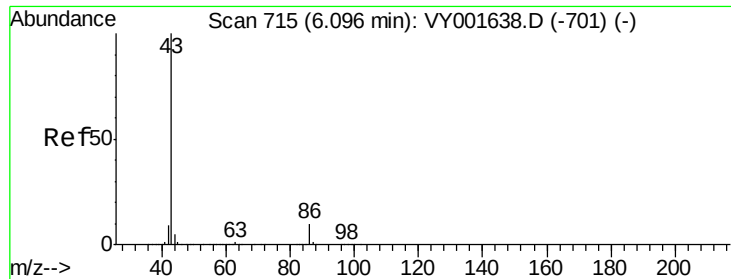
45 100

43 56.5 46.4 69.6

87 26.6 22.1 33.1

59 12.1 9.4 14.0





#23

Vinyl Acetate

Concen: 105.001 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Tot Ion: 43 Resp: 463513

Ion Ratio Lower Upper

43 100

86 10.8 8.8 13.2

Instrument :

MSVOA_Y

ClientSampleId :

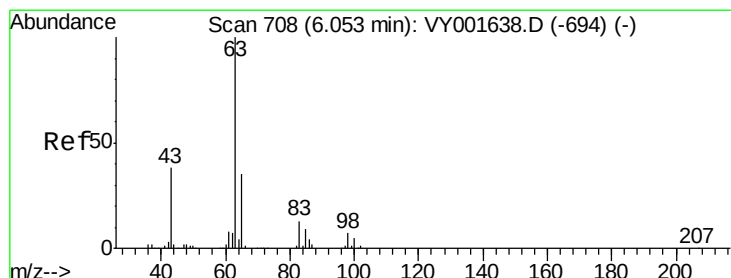
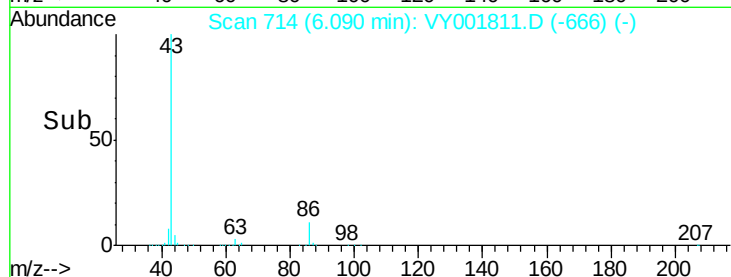
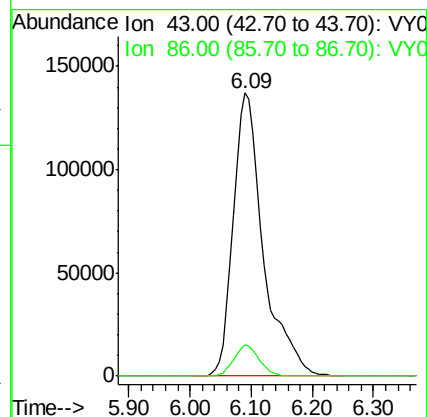
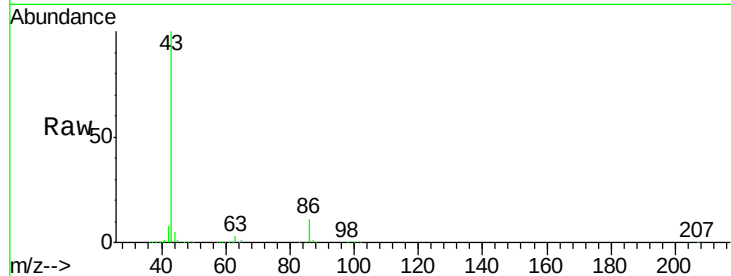
VY0302SBS01

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.857 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

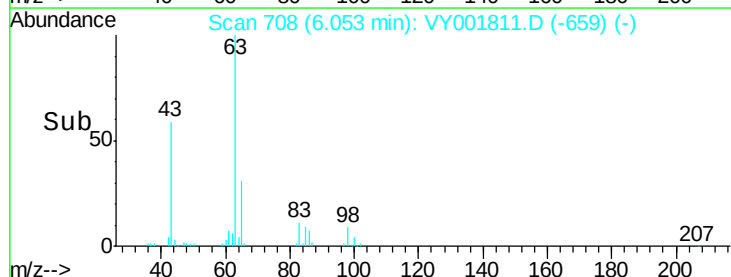
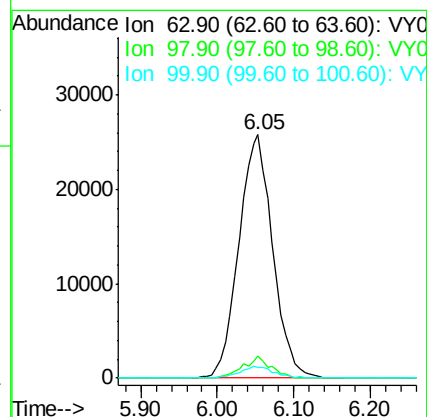
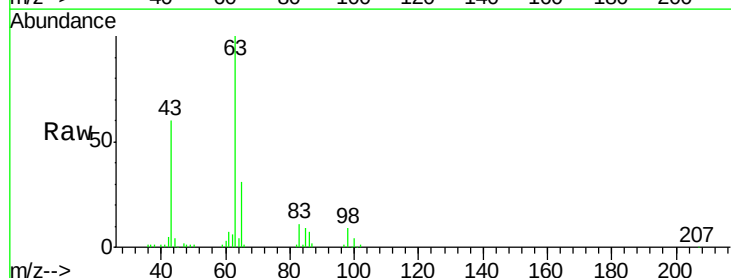
Tgt Ion: 63 Resp: 79057

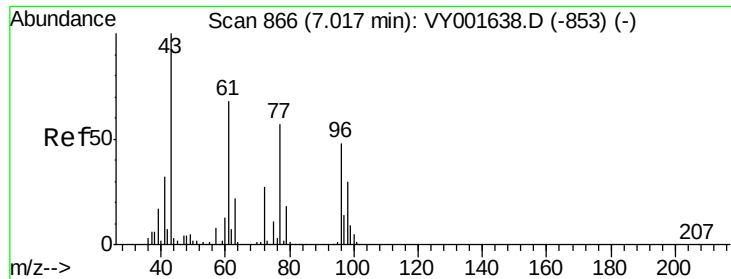
Ion Ratio Lower Upper

63 100

98 9.2 3.4 10.2

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 102.628 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

Tot Ion: 43 Resp: 88551

Ion Ratio Lower Upper

43 100

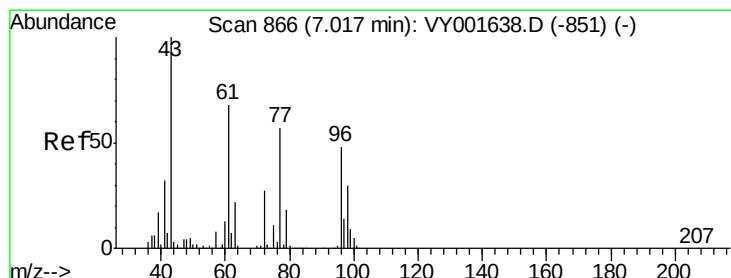
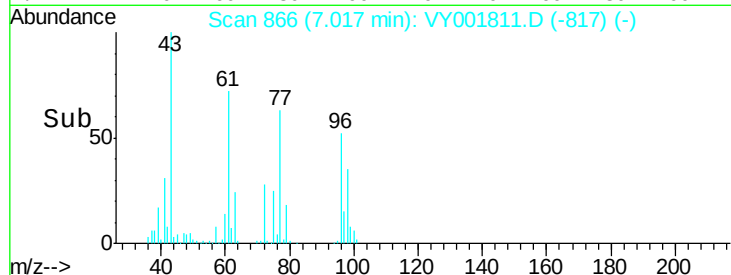
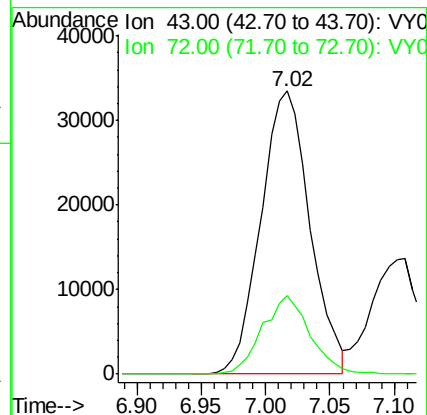
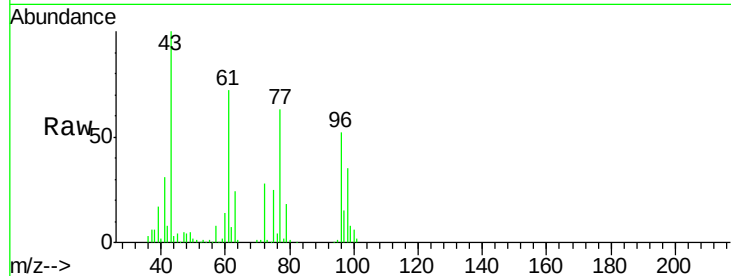
72 27.7 21.2 31.8

Manual Integrations

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3/3/2020 11:11:41 AM



#26

2,2-Dichloropropane

Concen: 20.933 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001811.D

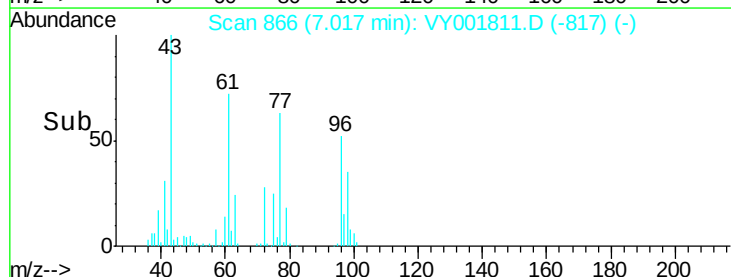
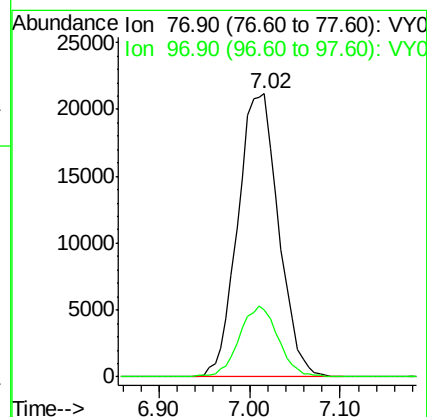
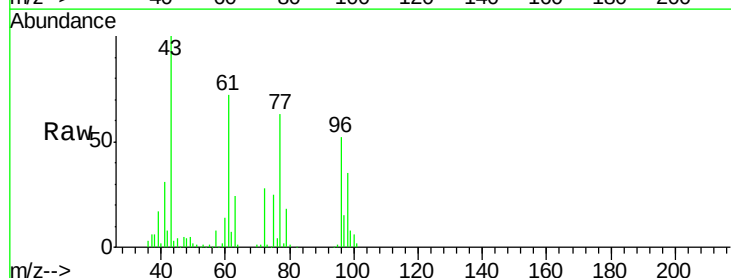
Acq: 02 Mar 2020 11:45

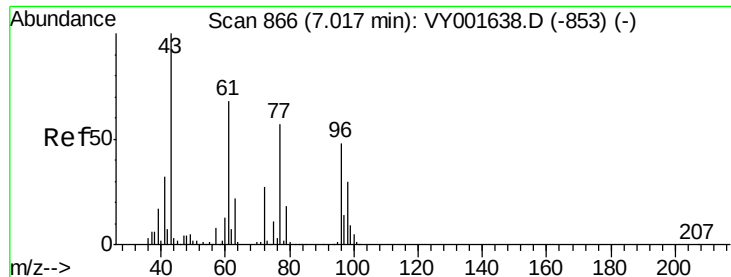
Tgt Ion: 77 Resp: 65876

Ion Ratio Lower Upper

77 100

97 24.0 11.8 35.4





#27

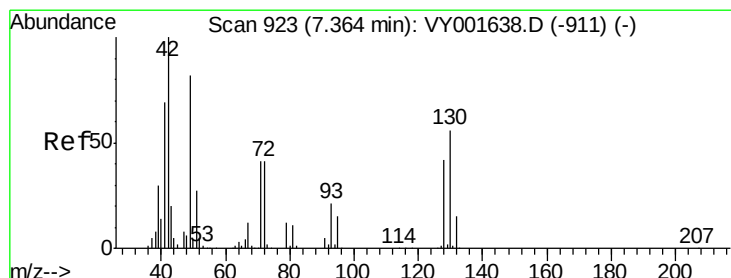
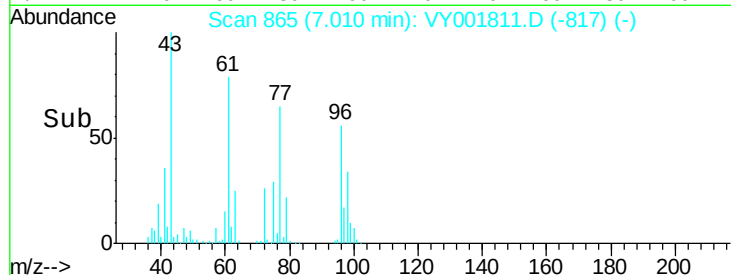
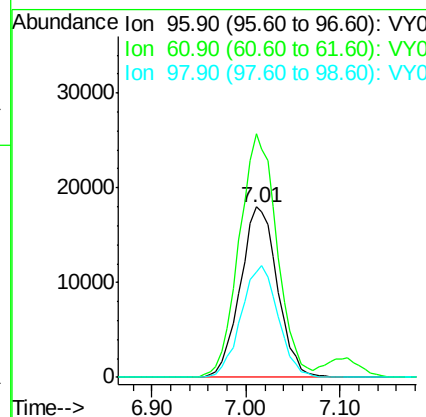
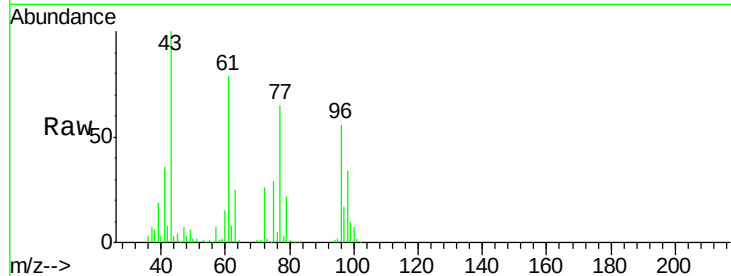
cis-1,2-Dichloroethene
Concen: 21.281 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	49626		
61	145.3		0.0	290.8
98	65.2		0.0	128.6

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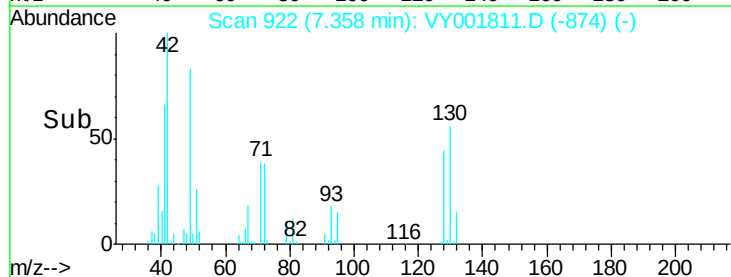
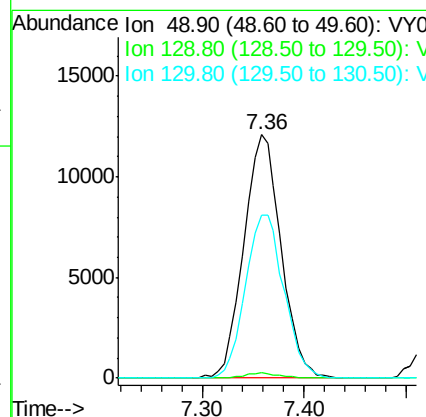
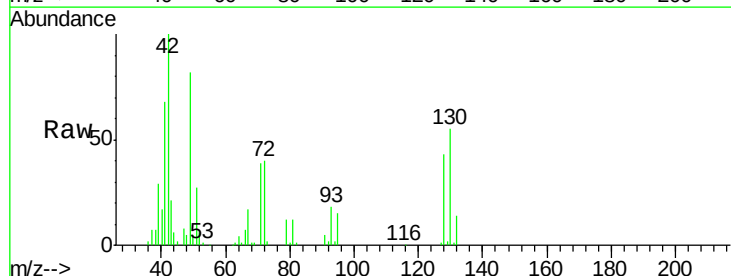
MMDadoda
3/3/2020 11:11:41 AM

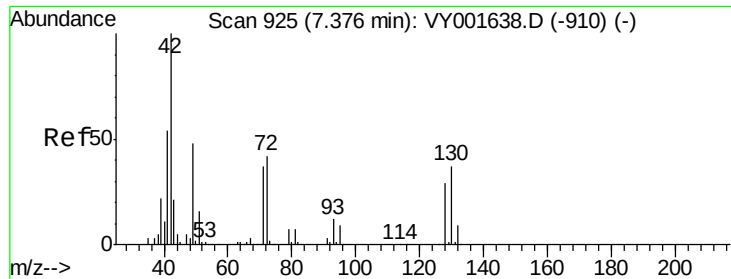


#28

Bromochloromethane
Concen: 20.360 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30678		
129	1.7		0.0	3.6
130	69.4		56.2	84.4





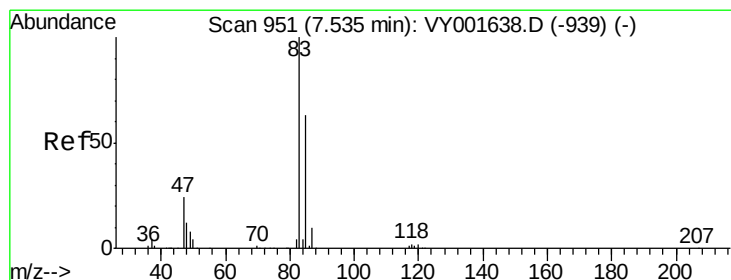
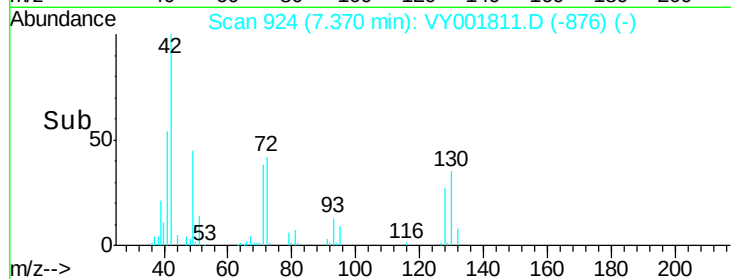
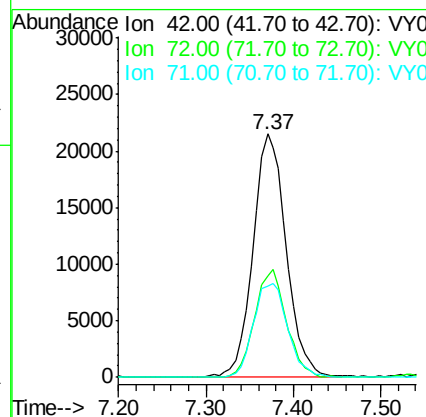
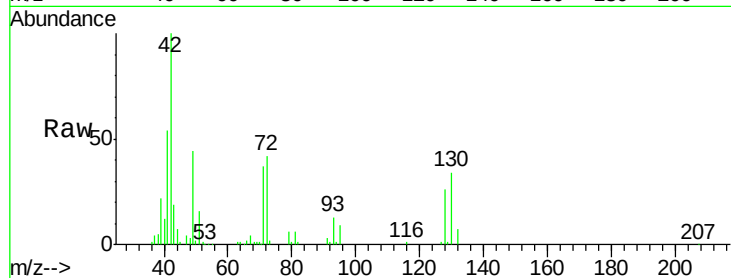
#29
Tetrahydrofuran
Concen: 109.053 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.4	51.6
71	39.7	31.8	47.8

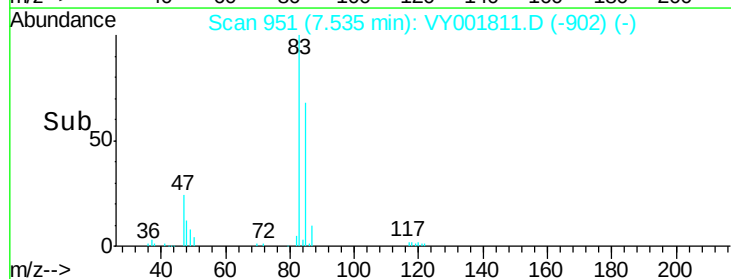
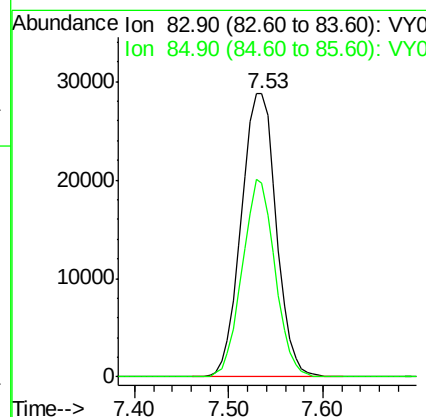
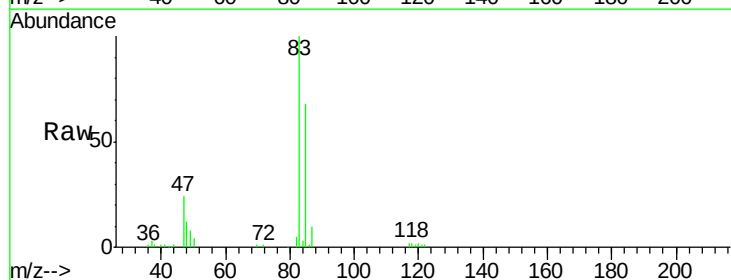
Manual Integrations
APPROVED

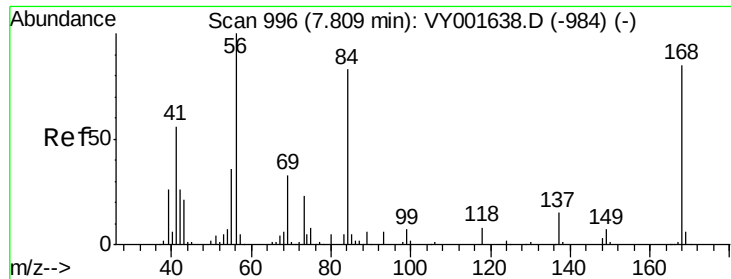
MMDadoda
3/3/2020 11:11:41 AM



#30
Chloroform
Concen: 21.199 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.5	51.6	77.4





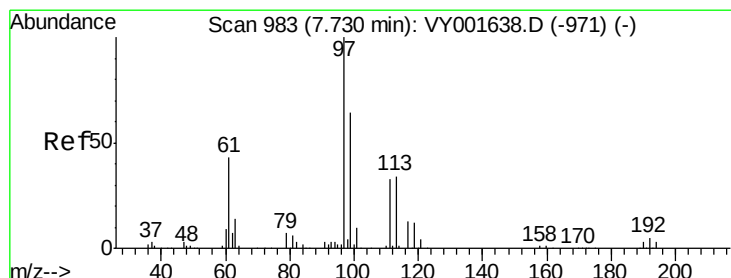
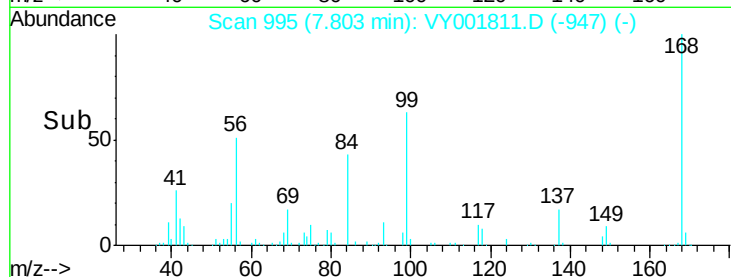
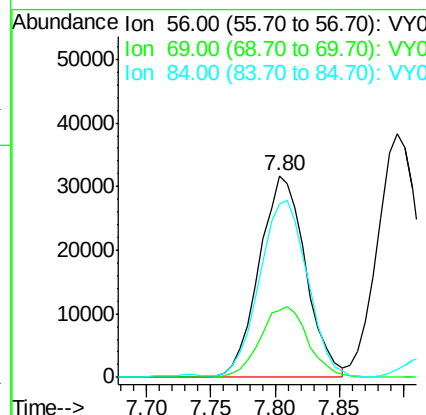
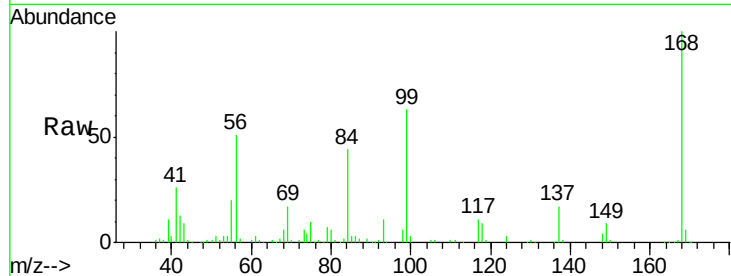
#31
Cyclohexane
Concen: 20.520 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.1	37.7
84	84.5	66.9	100.3

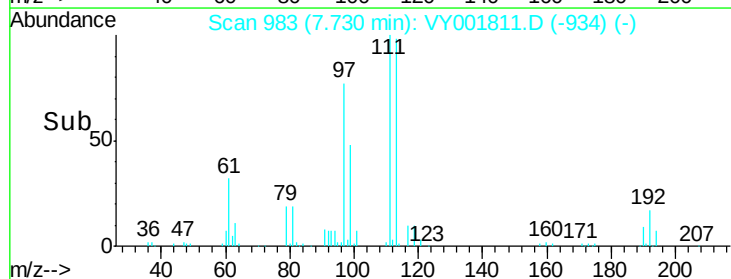
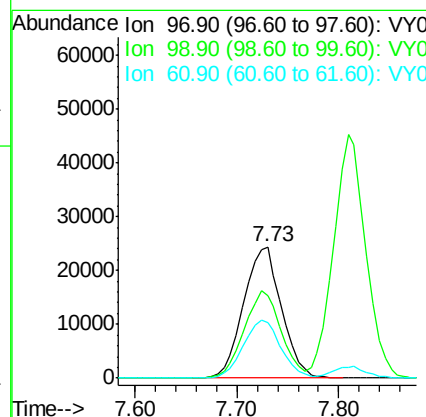
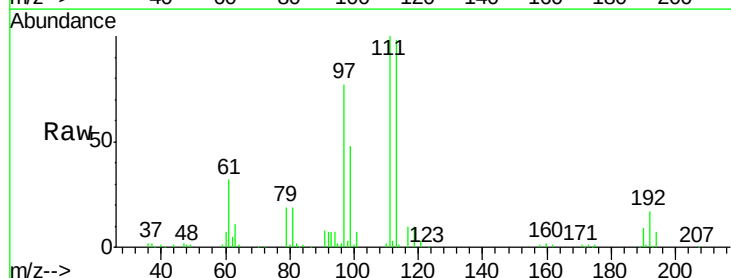
Manual Integrations
APPROVED

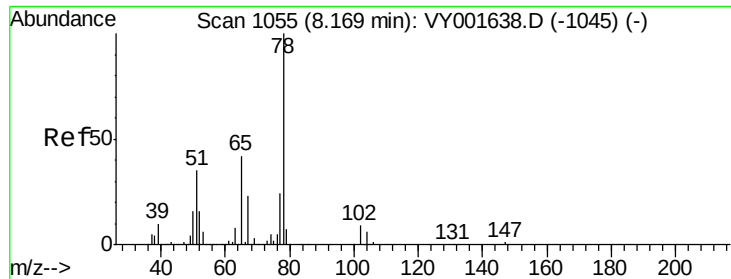
MMDadoda
3/3/2020 11:11:41 AM



#32
1,1,1-Trichloroethane
Concen: 21.143 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.2	76.8
61	44.0	35.0	52.6





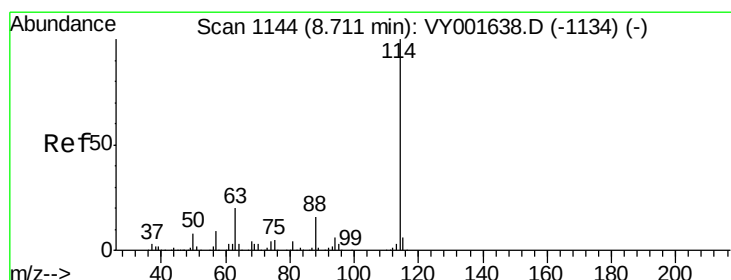
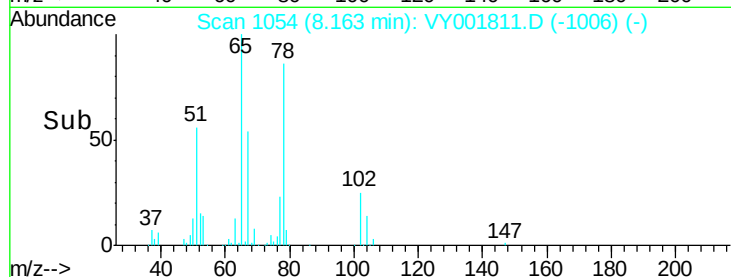
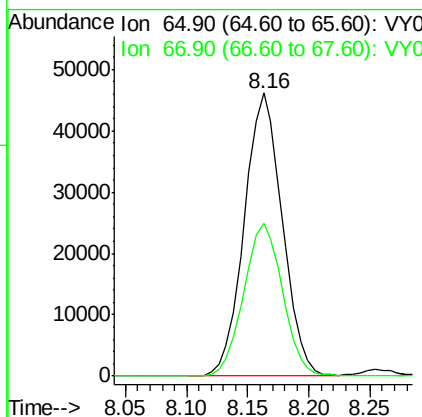
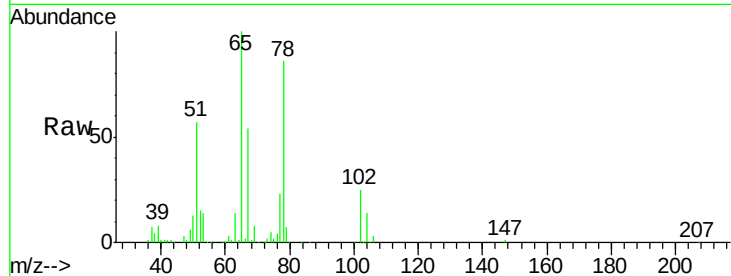
#33
 1,2-Dichloroethane-d4
 Concen: 54.373 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	99809		
67	55.0	0.0	111.0	

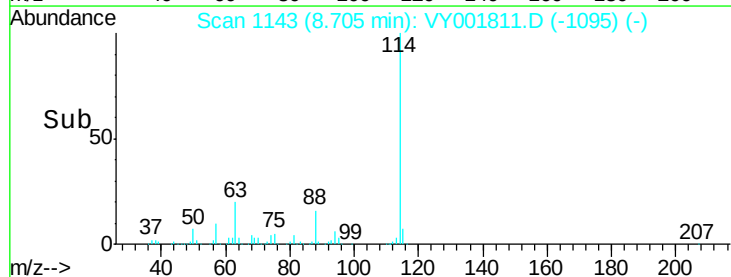
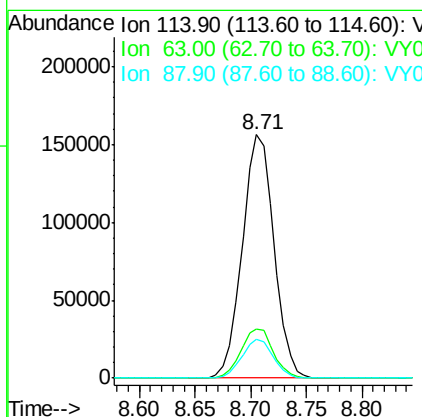
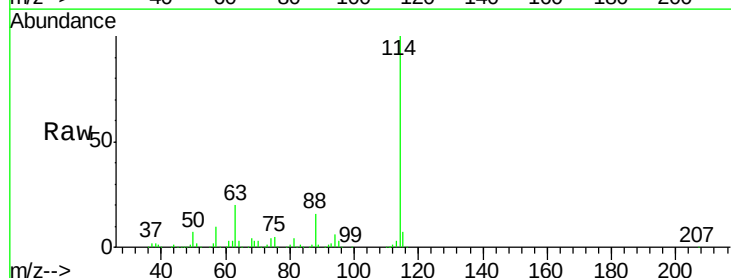
Manual Integrations
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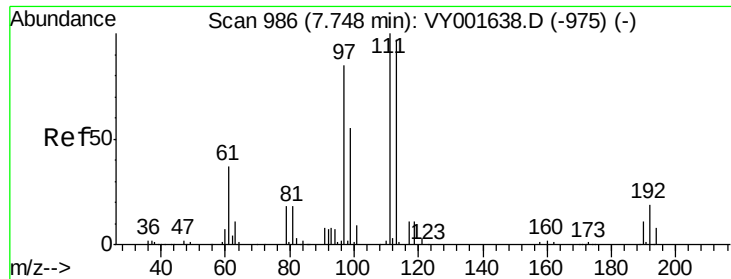
MMDadoda
 3/3/2020 11:11:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	308920		
63	20.3	0.0	41.4	
88	15.8	0.0	32.8	





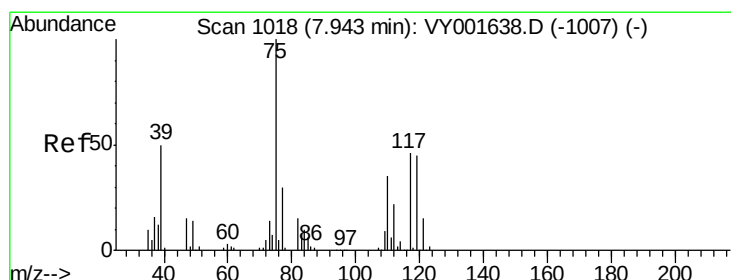
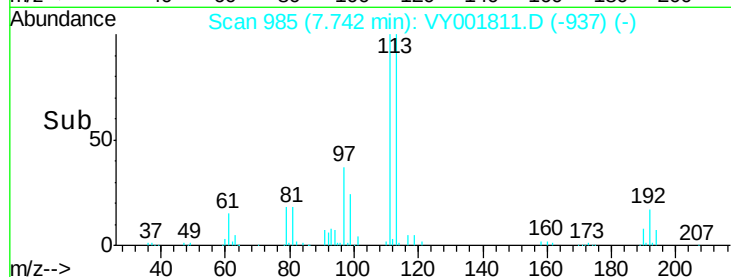
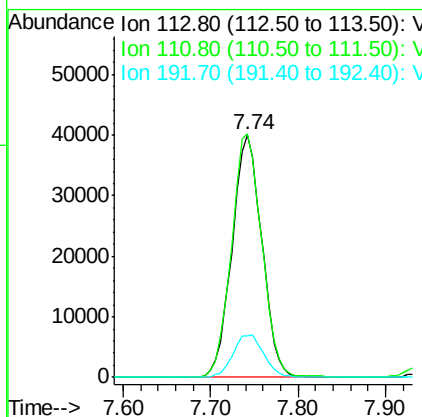
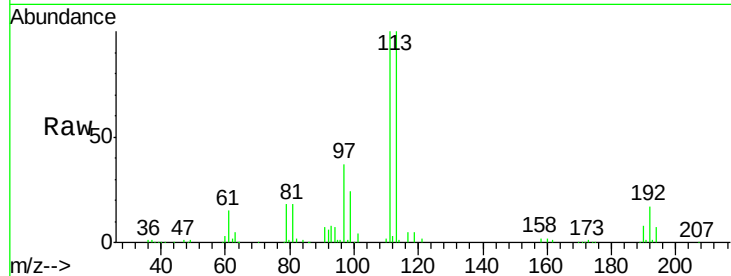
#35
 Dibromofluoromethane
 Concen: 53.700 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	95015		
111	102.2		81.9	122.9
192	18.1		14.3	21.5

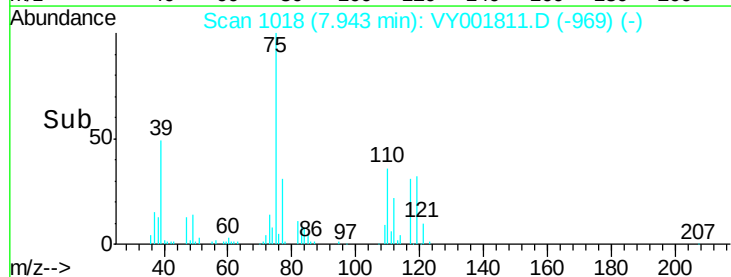
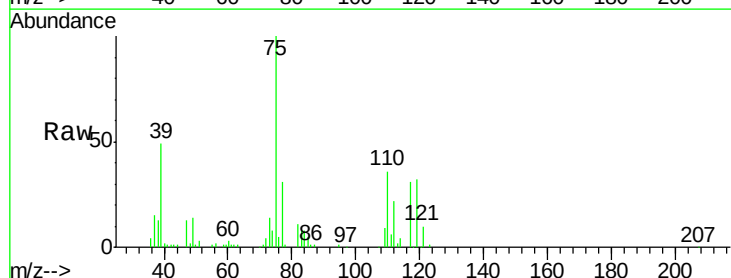
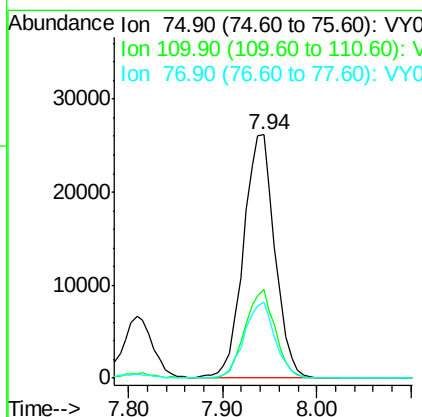
Manual Integrations
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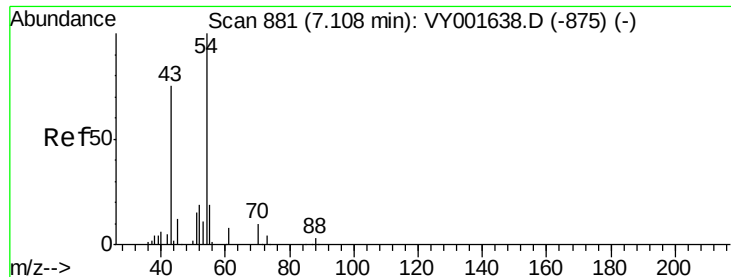
MMDadoda
 3/3/2020 11:11:41 AM



#36
 1,1-Dichloropropene
 Concen: 20.715 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61126		
110	34.8		17.2	51.6
77	30.8		24.8	37.2





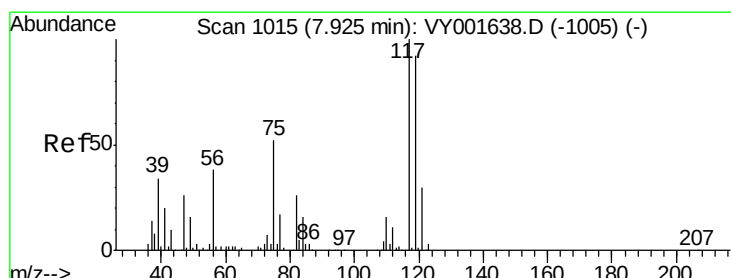
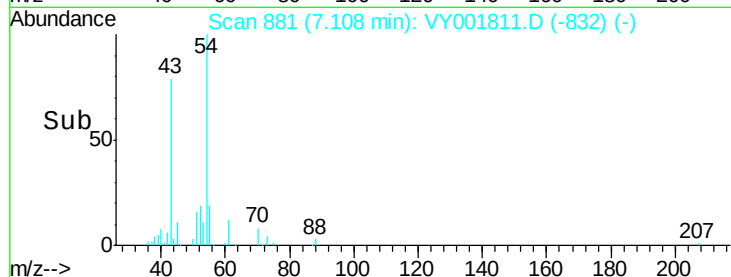
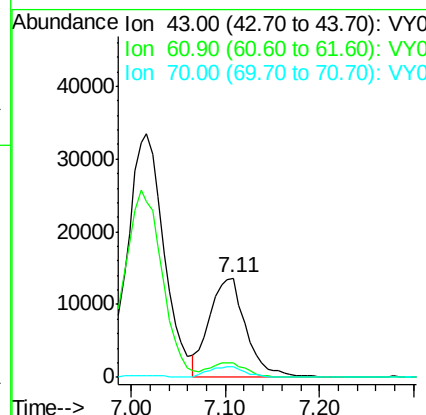
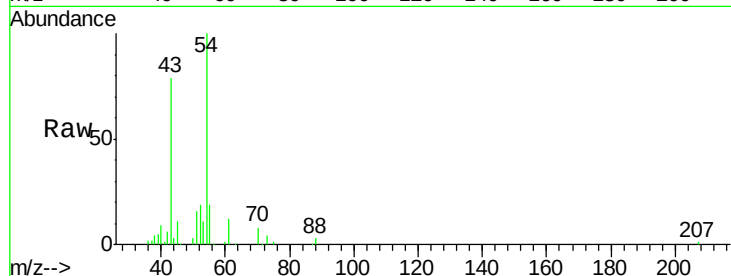
#37
Ethyl Acetate
Concen: 21.053 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.0	16.6
70	10.6	8.8	13.2

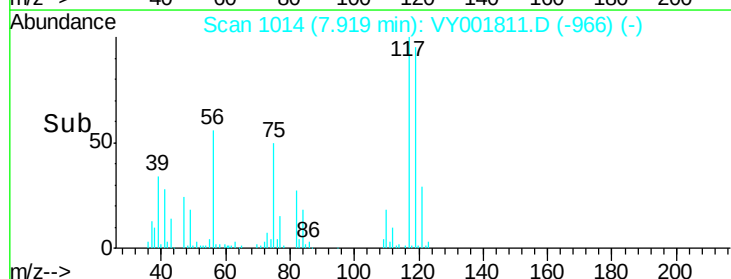
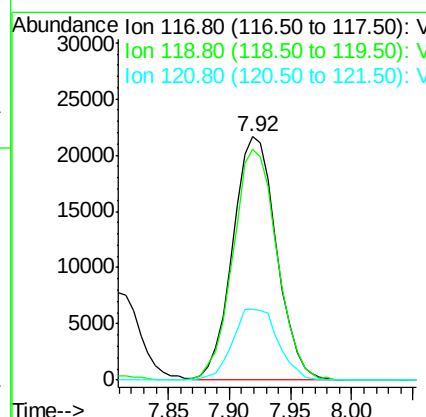
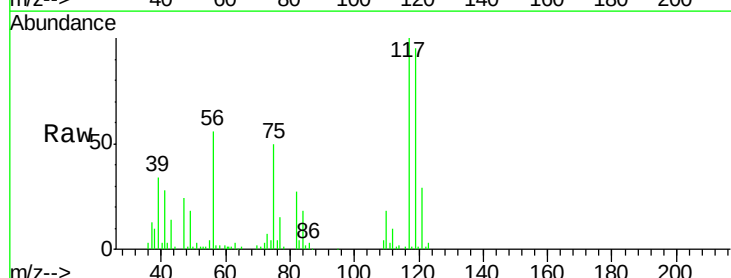
Manual Integrations
APPROVED

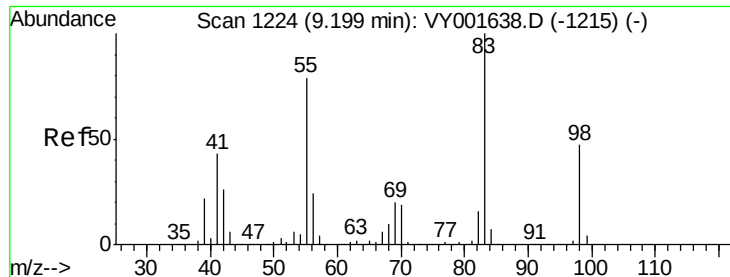
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#38
Carbon Tetrachloride
Concen: 20.684 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.8	112.2
121	29.0	23.8	35.6





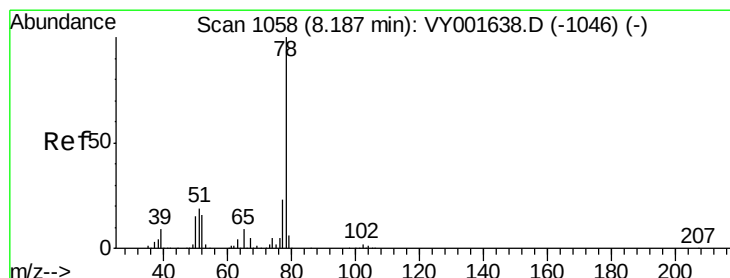
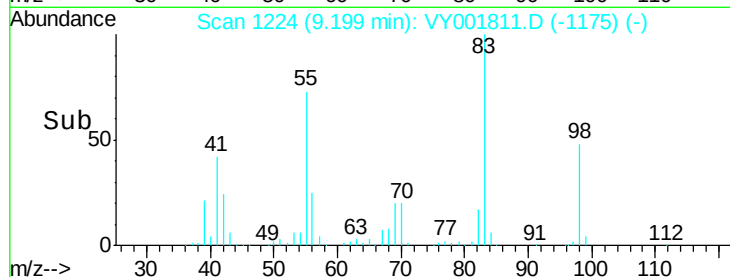
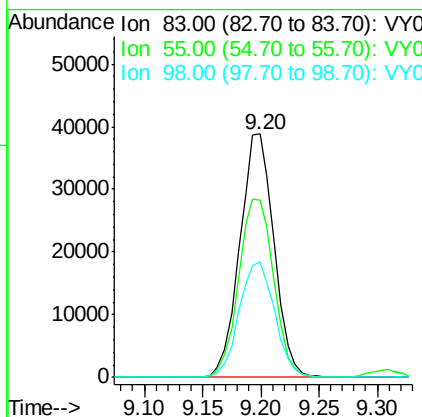
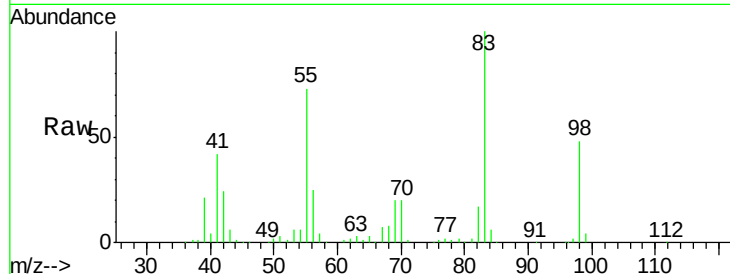
#39
Methylvlcyclohexane
Concen: 20.315 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	61.3	91.9
98	47.5	38.0	57.0

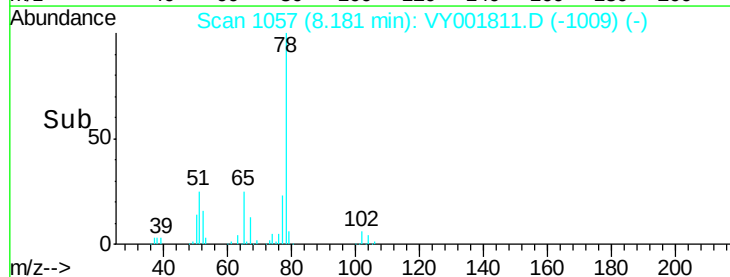
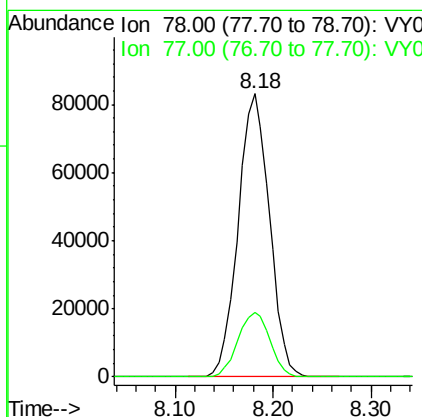
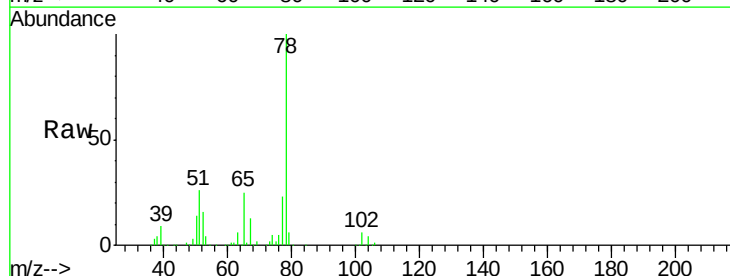
Manual Integrations
APPROVED

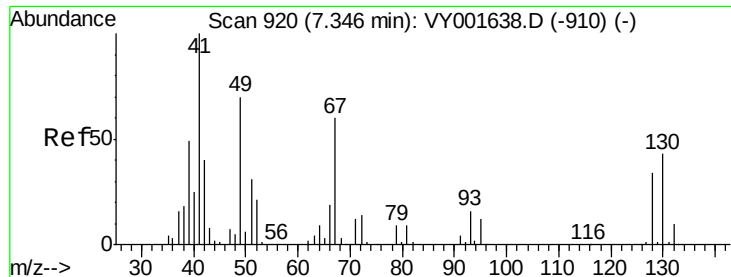
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#40
Benzene
Concen: 21.269 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.4





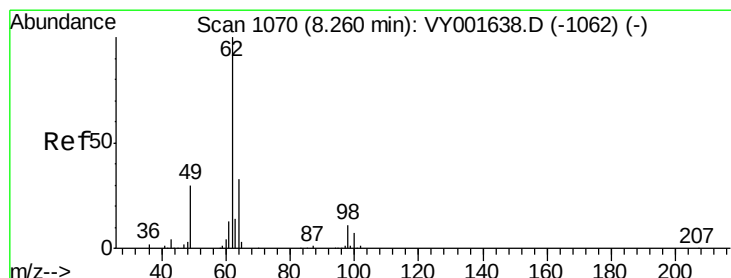
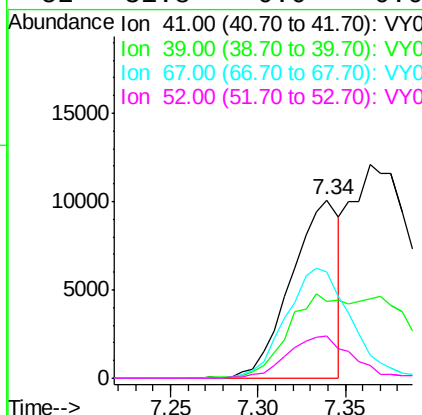
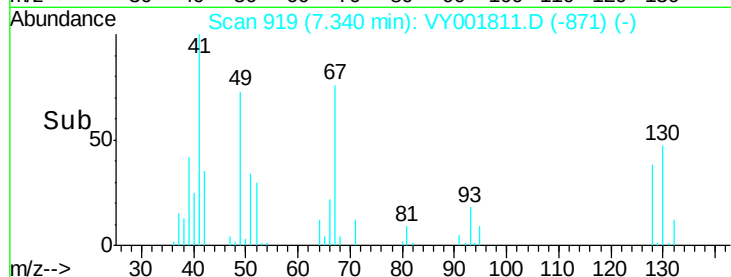
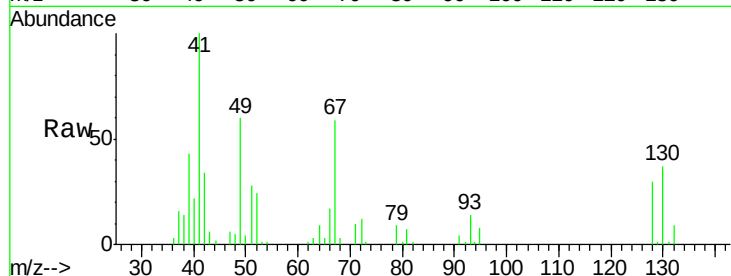
#41
Methacrylonitrile
Concen: 21.875 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.7	36.0	54.0#	
67	83.0	0.0	0.0#	
52	31.8	0.0	0.0#	

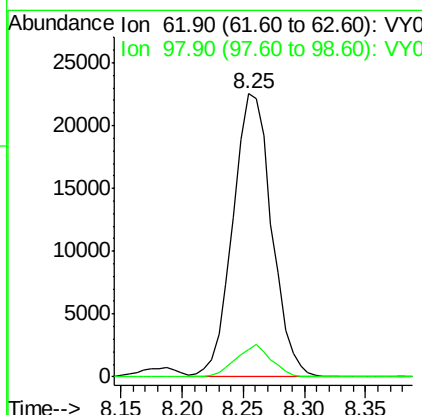
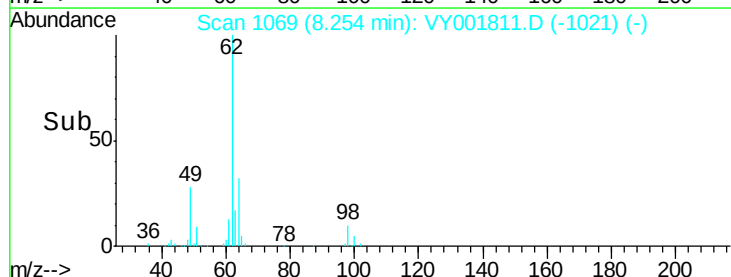
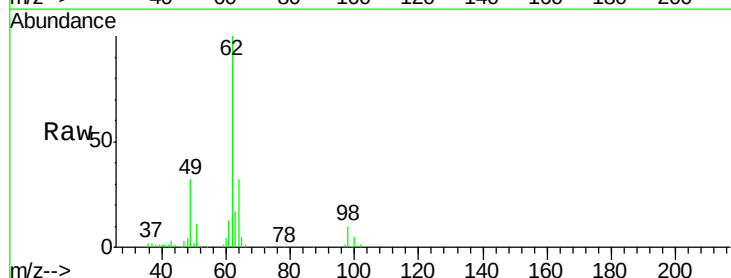
Manual Integrations
APPROVED

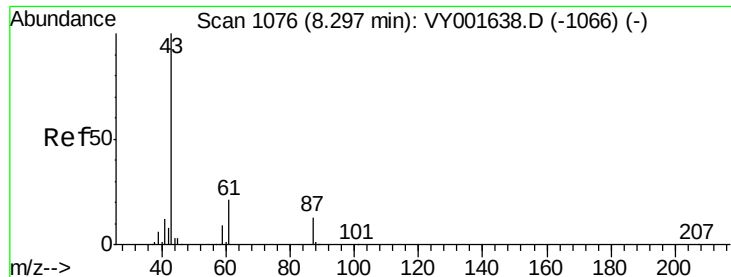
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#42
1,2-Dichloroethane
Concen: 21.011 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.8	





#43

Isopropyl Acetate

Concen: 21.193 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

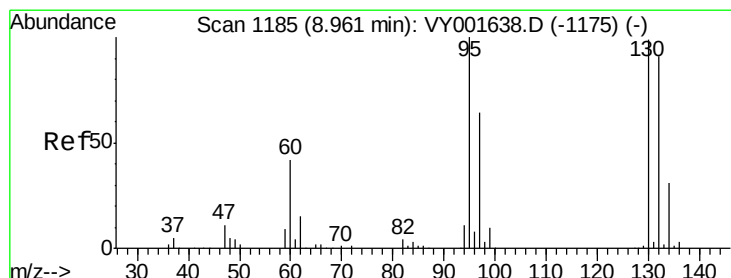
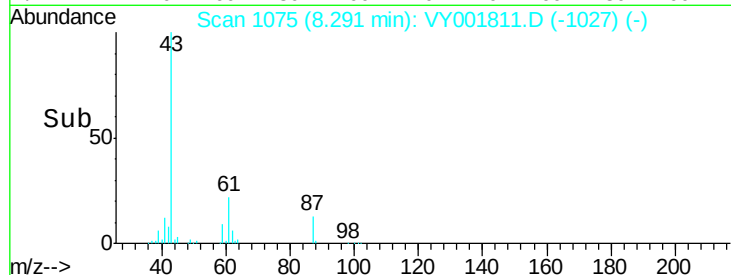
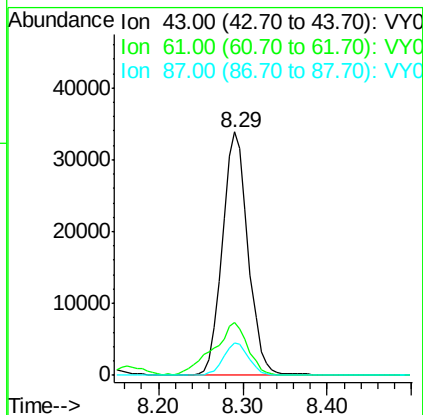
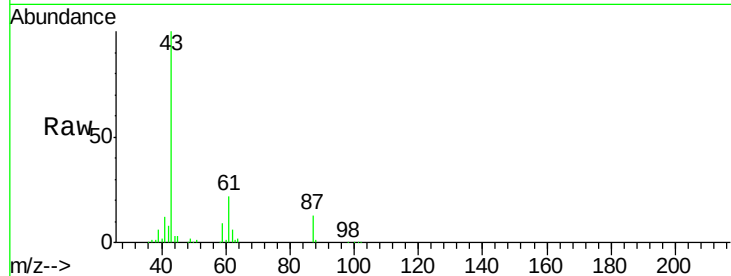
ClientSampleId :

VY0302SBS01

Tot Ion:	43	Resp:	70819
Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.0	34.4
87	13.2	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 21.061 ug/l

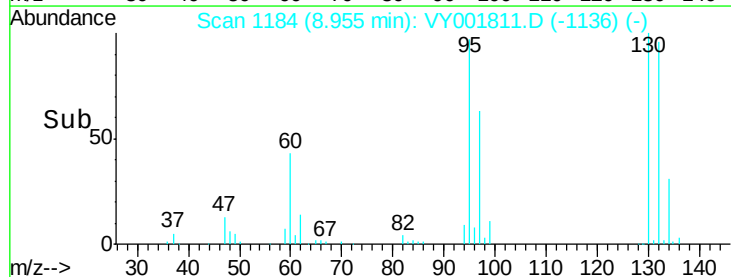
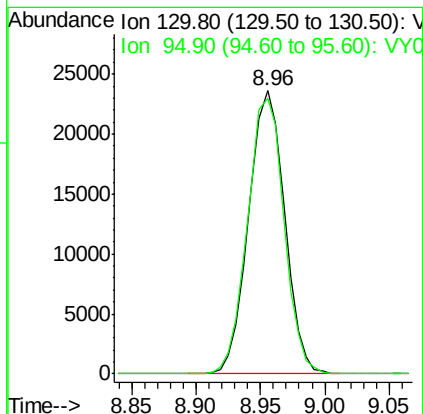
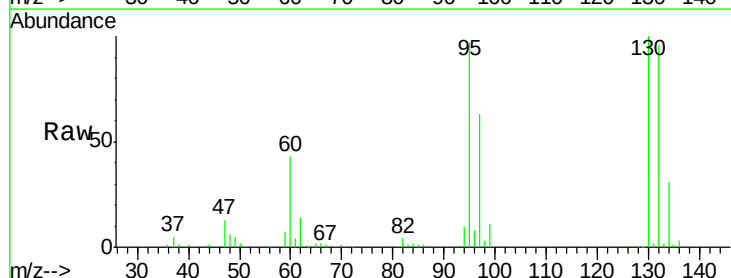
RT: 8.96 min Scan# 1184

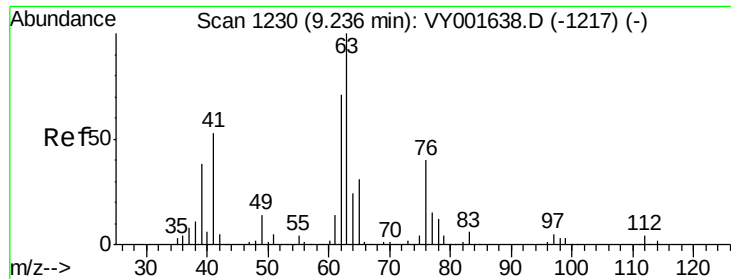
Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Tgt Ion:	130	Resp:	45626
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	200.6





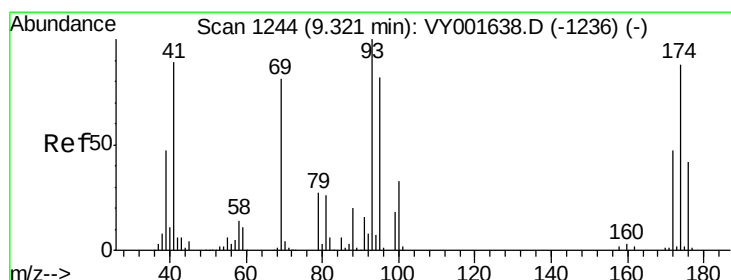
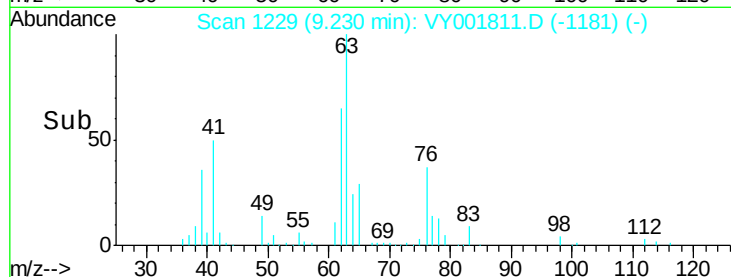
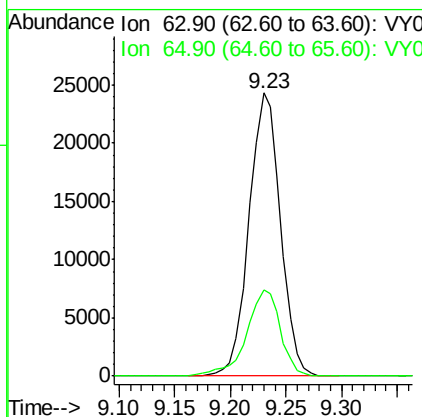
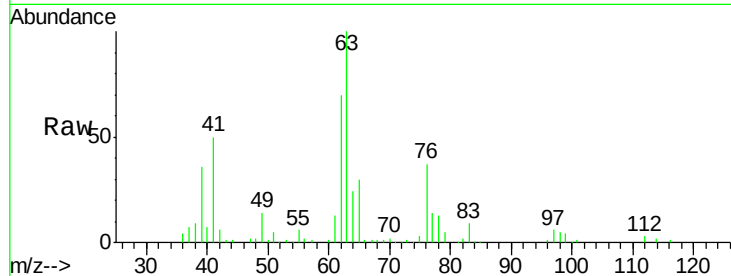
#45
 1,2-Dichloropropane
 Concen: 21.978 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tot Ion: 63 Resp: 47768
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 37.0

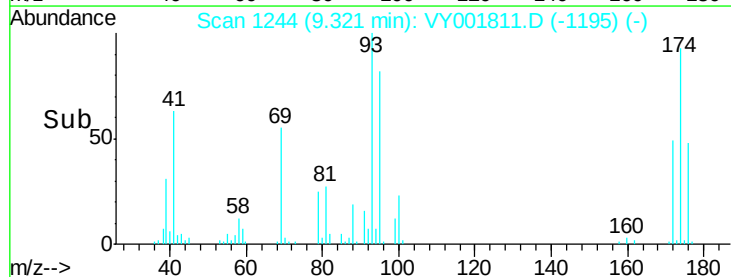
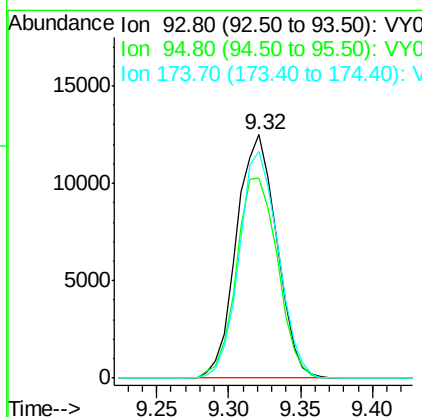
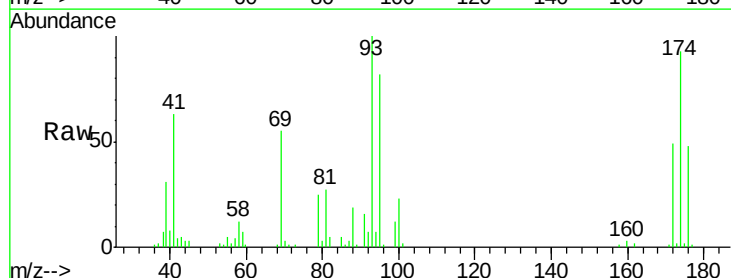
Manual Integrations
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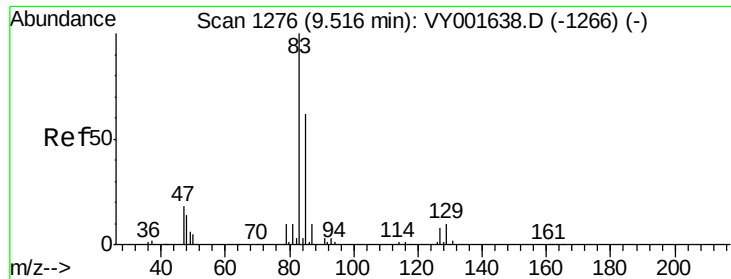
MMDadoda
 3/3/2020 11:11:41 AM



#46
 Dibromomethane
 Concen: 21.363 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 93 Resp: 24285
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.1 99.1
 174 89.9 72.5 108.7





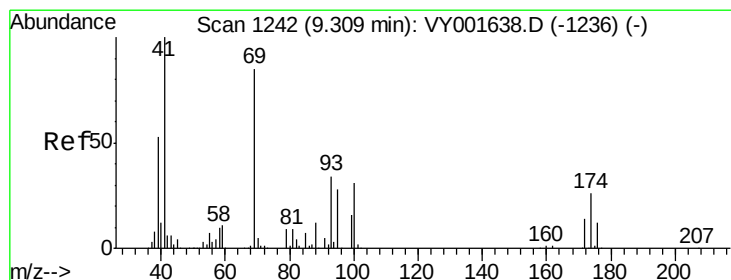
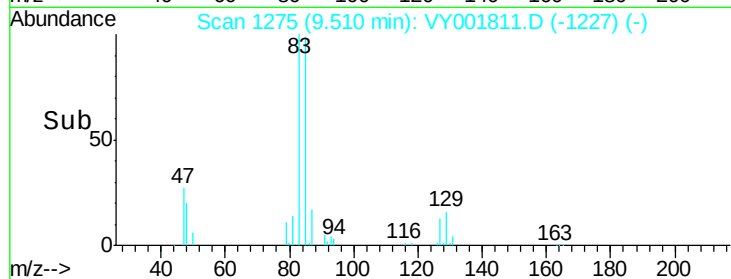
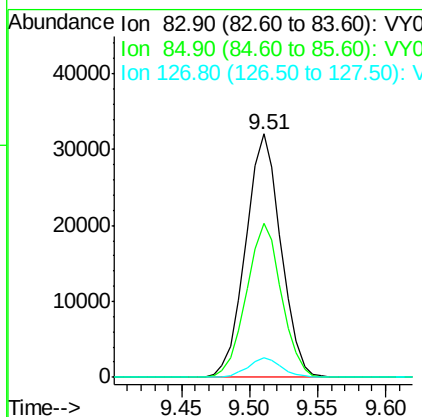
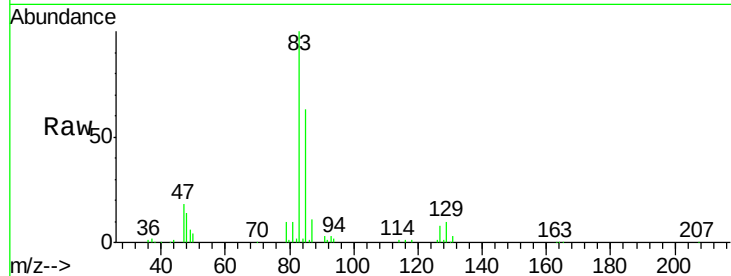
#47
Bromodichloromethane
Concen: 21.192 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	58143		
85	63.1		51.4	77.0
127	8.3		6.4	9.6

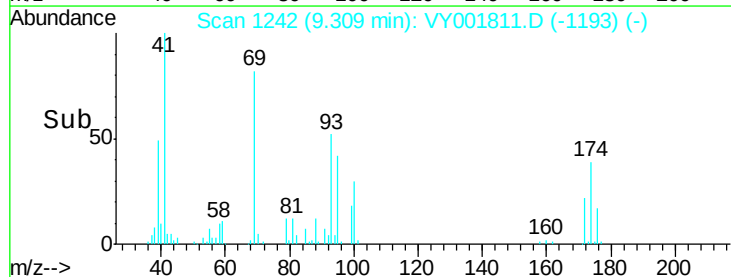
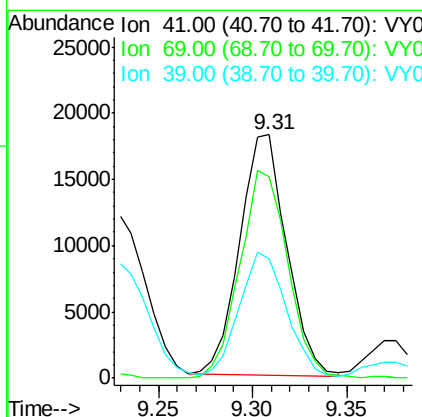
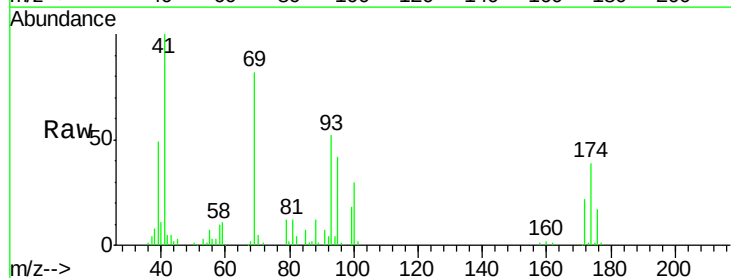
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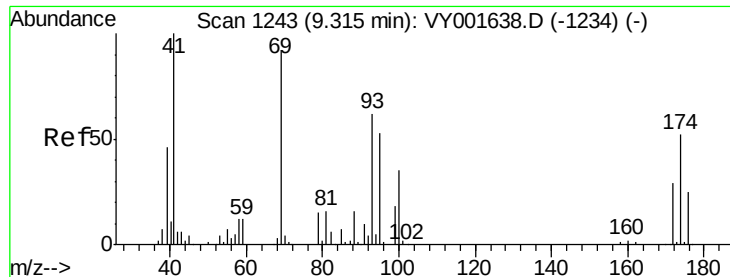
MMDadoda
3/3/2020 11:11:41 AM



#48
Methyl methacrylate
Concen: 20.810 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	31449		
69	87.9		70.7	106.1
39	53.4		42.2	63.2





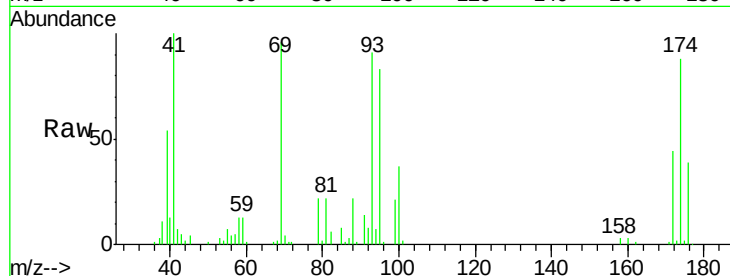
#49
1,4-Dioxane
Concen: 410.628 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	88	Resp	6593
Ion	Ratio	Lower	Upper
88	100		
43	31.7	23.1	34.7
58	69.2	58.1	87.1

Manual Integrations
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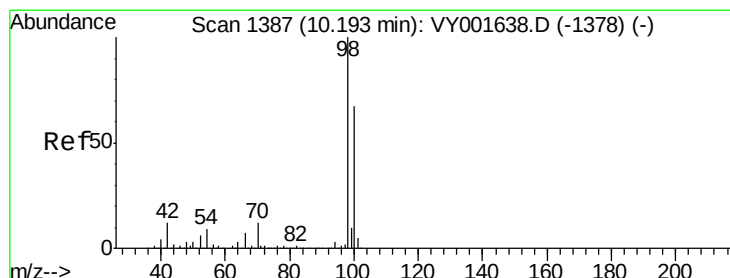
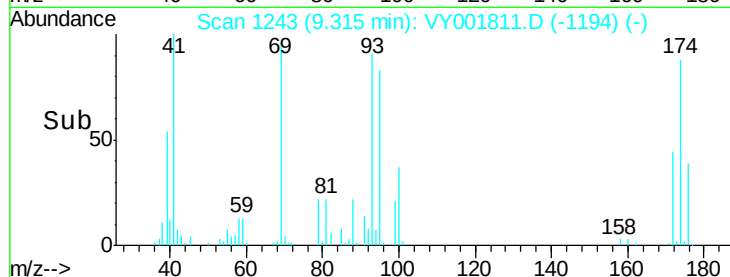
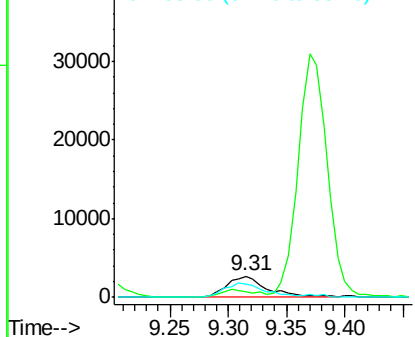


Abundance

Ion 88.00 (87.70 to 88.70): VY0

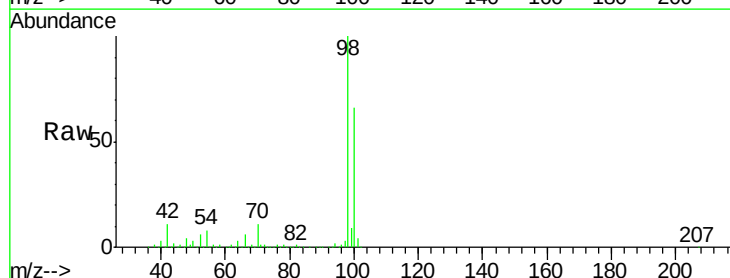
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 56.110 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

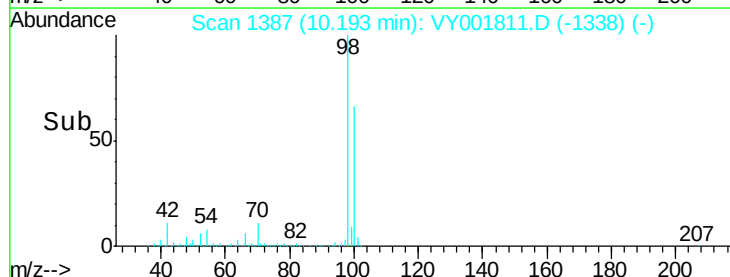
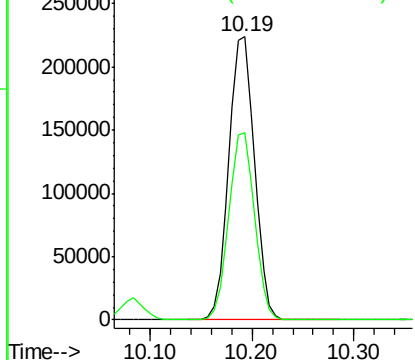
Tgt Ion	98	Resp	388943
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

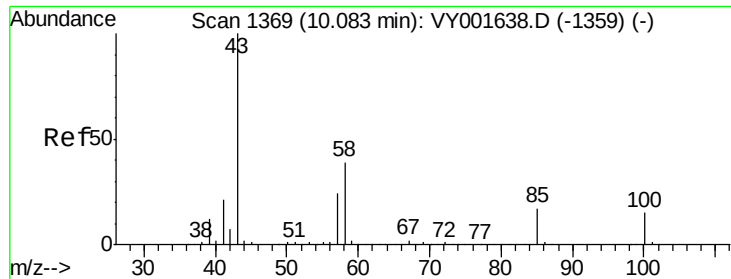


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





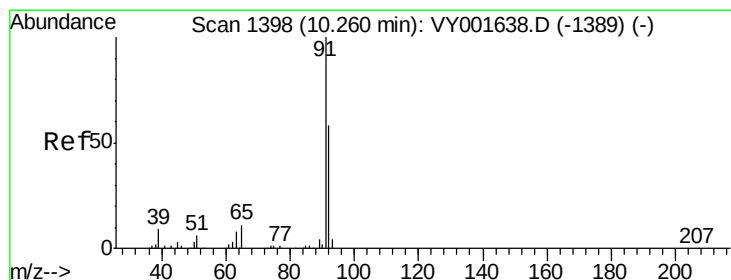
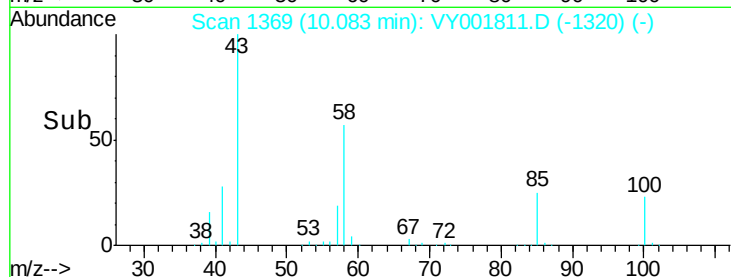
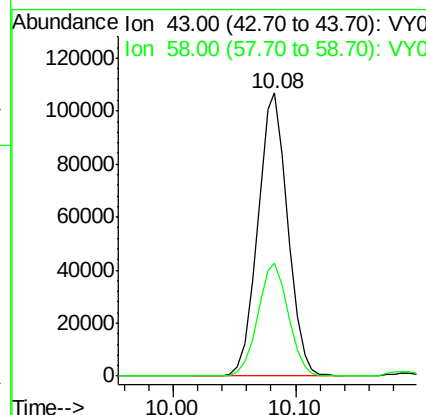
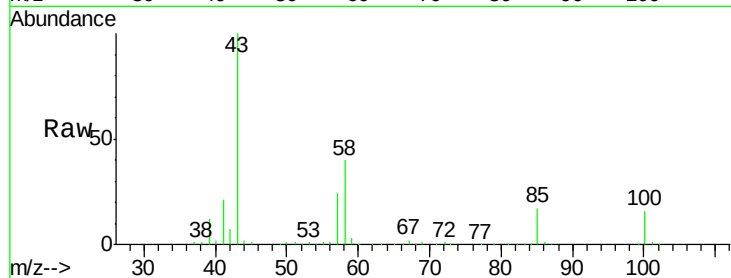
#51
4-Methyl-2-Pentanone
Concen: 105.649 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.6	32.2	48.4

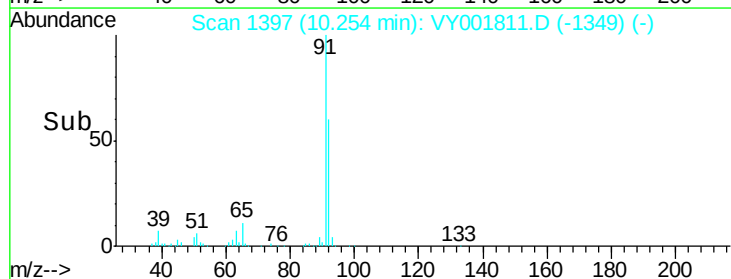
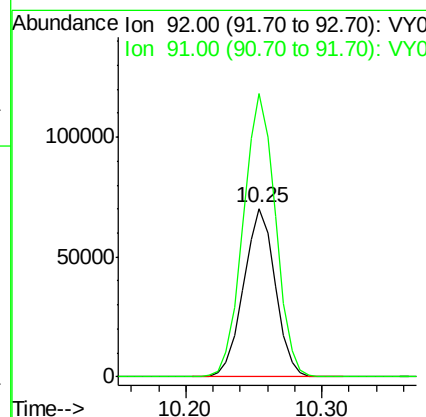
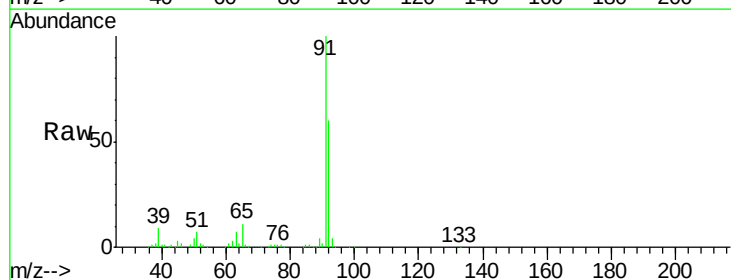
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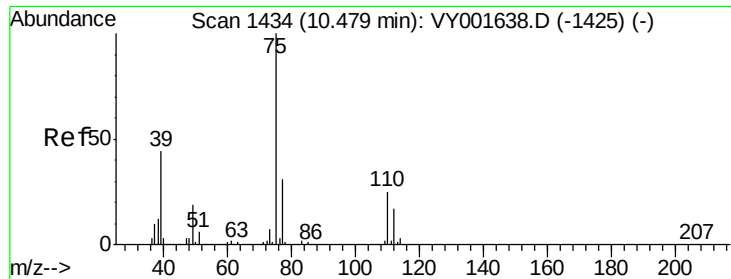
MMDadoda
3/3/2020 11:11:41 AM



#52
Toluene
Concen: 21.099 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	137.0	205.6





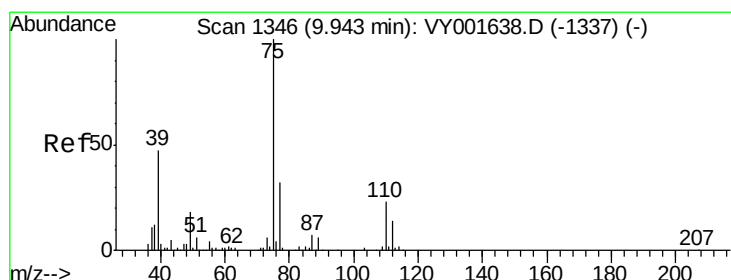
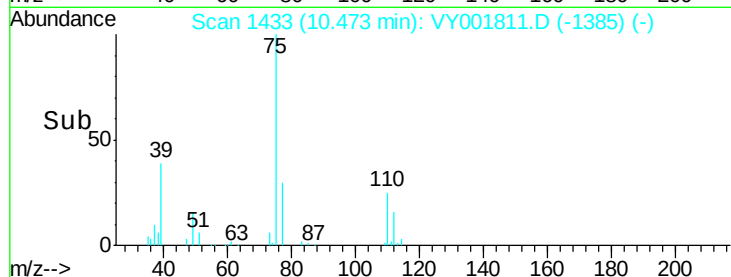
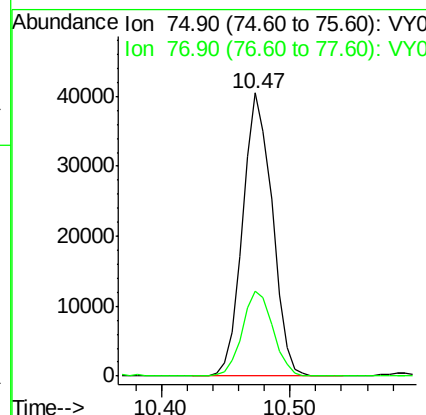
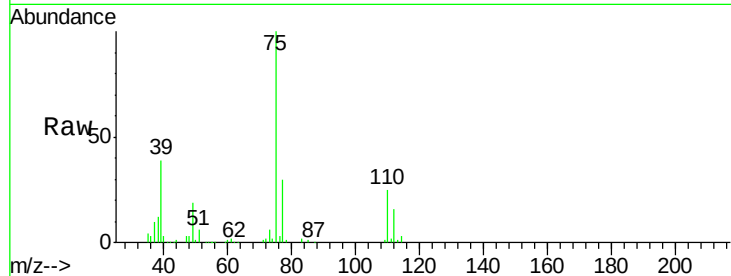
#53
 t-1,3-Dichloropropene
 Concen: 21.155 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tot Ion: 75 Resp: 64163
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.2 37.8

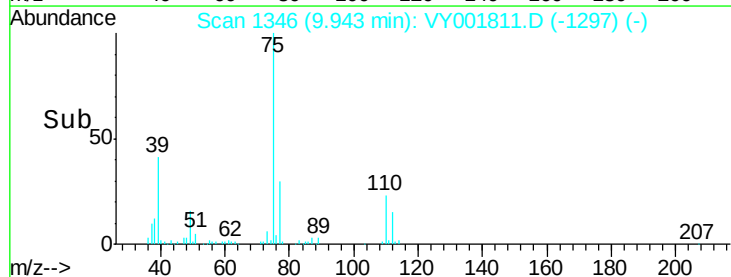
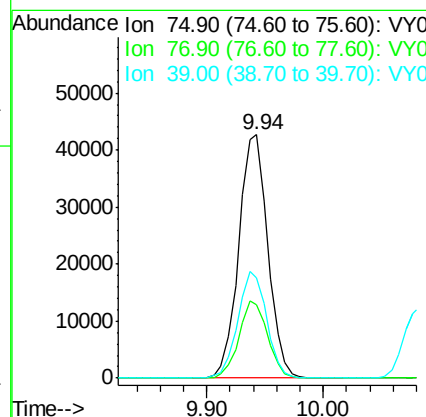
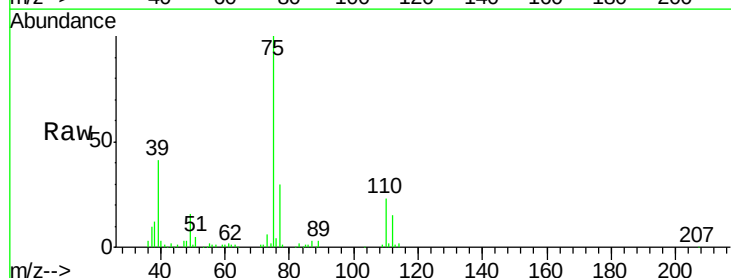
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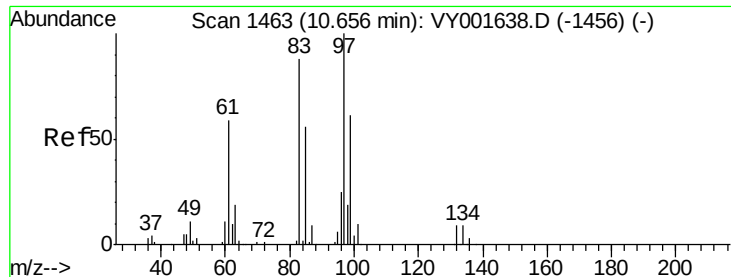
MMDadoda
 3/3/2020 11:11:41 AM



#54
 cis-1,3-Dichloropropene
 Concen: 21.304 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 75 Resp: 74369
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.7 38.5
 39 41.0 35.7 53.5





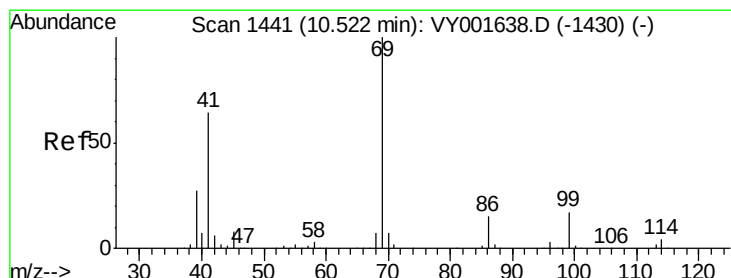
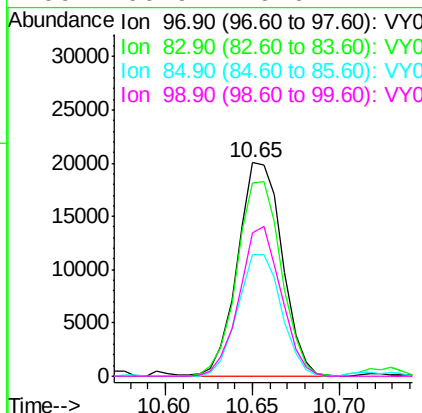
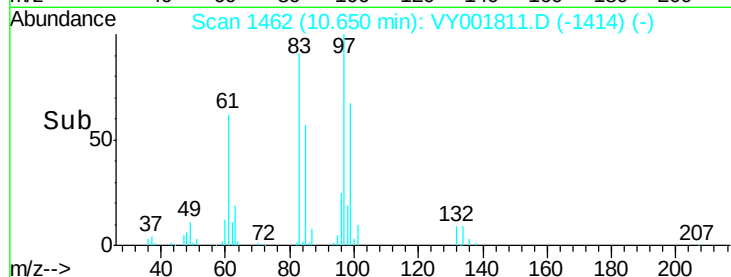
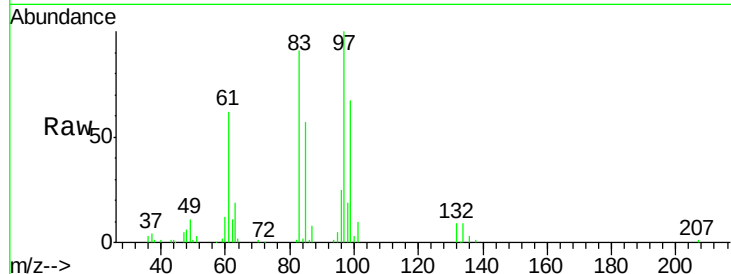
#55
 1,1,2-Trichloroethane
 Concen: 21.183 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		35508		
83	90.3	69.7	104.5		
85	57.1	44.5	66.7		
99	66.9	49.6	74.4		

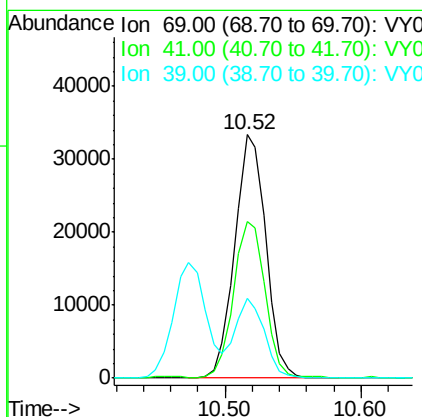
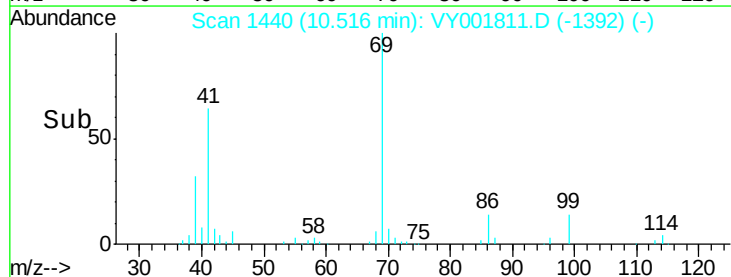
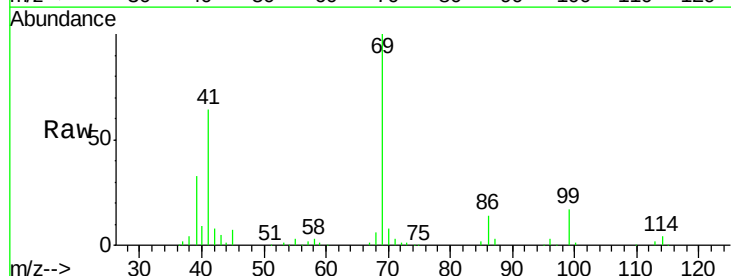
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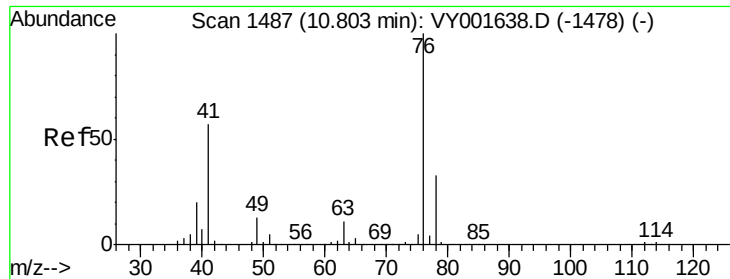
MMDadoda
 3/3/2020 11:11:41 AM



#56
 Ethyl methacrylate
 Concen: 21.150 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		53185		
41	65.4	51.0	76.4		
39	31.0	24.7	37.1		





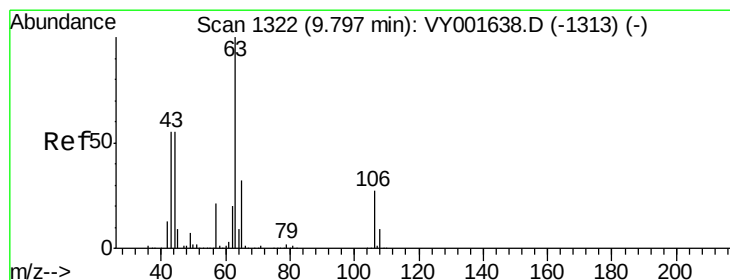
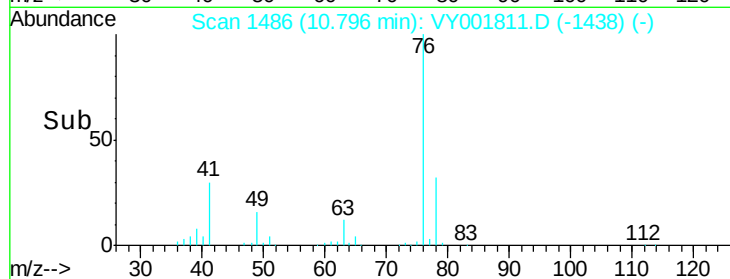
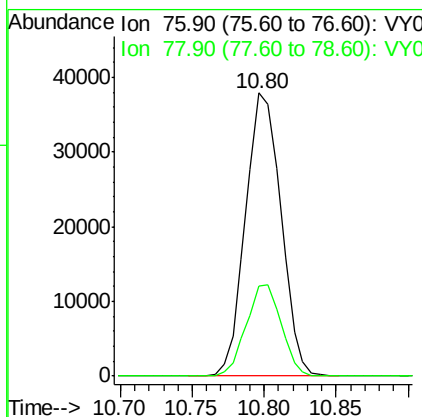
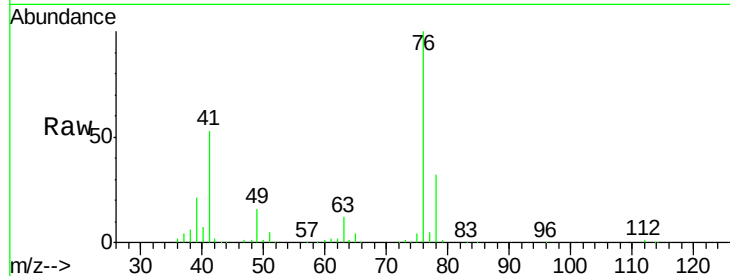
#57
 1,3-Dichloropropane
 Concen: 21.771 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tot Ion: 76 Resp: 64843
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5

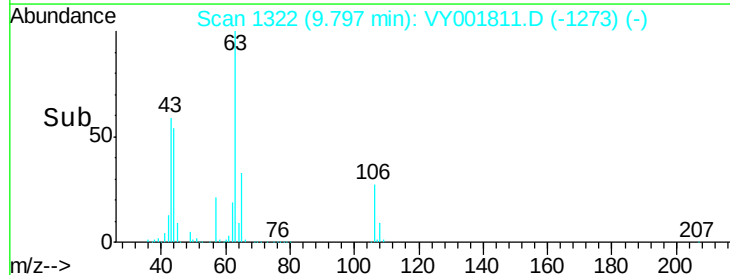
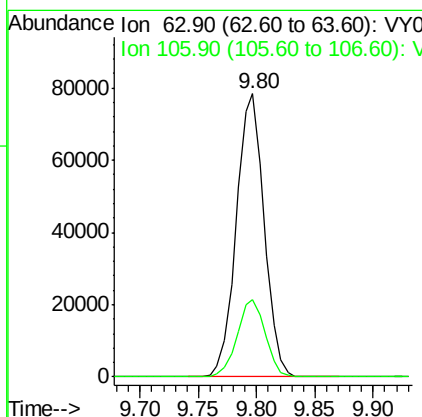
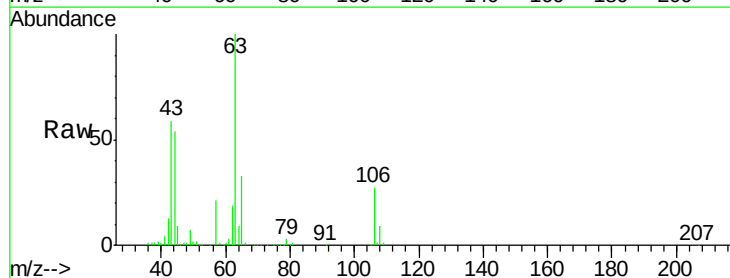
Manual Integrations
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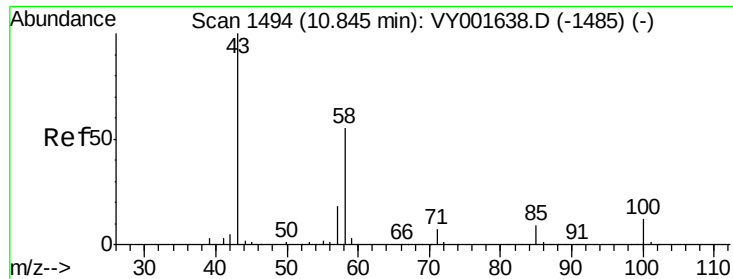
MMDadoda
 3/3/2020 11:11:41 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 128.821 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 63 Resp: 130590
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.6 32.4





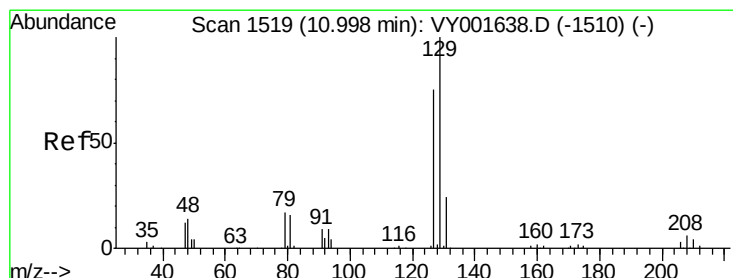
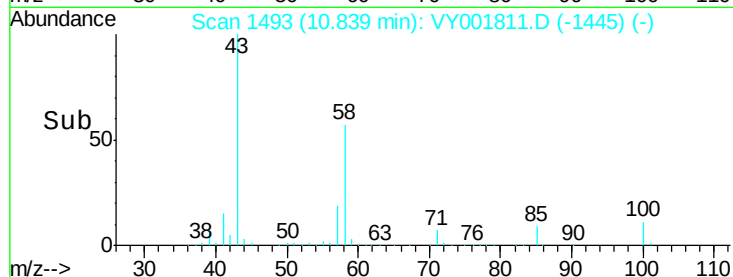
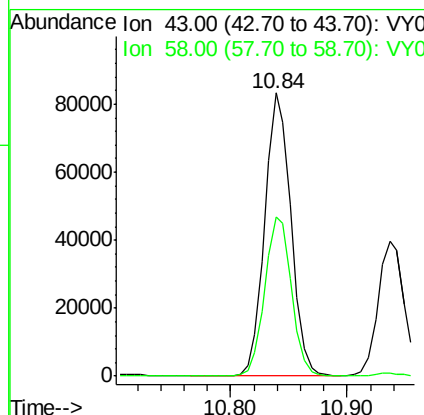
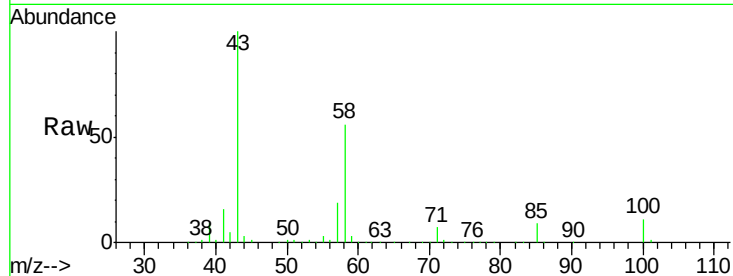
#59
2-Hexanone
Concen: 101.573 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion: 43 Resp: 130846
Ion Ratio Lower Upper
43 100
58 57.3 28.4 85.2

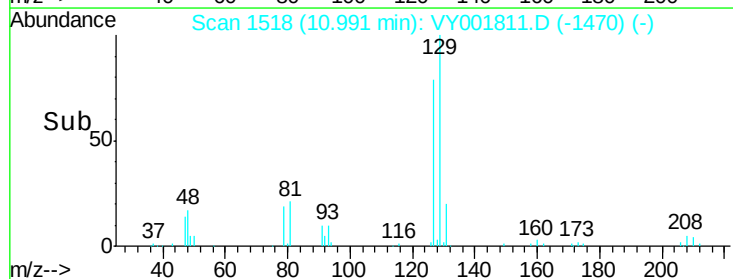
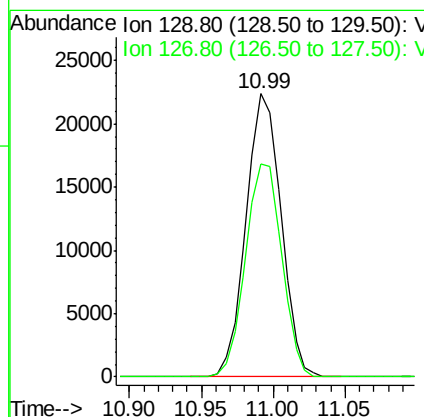
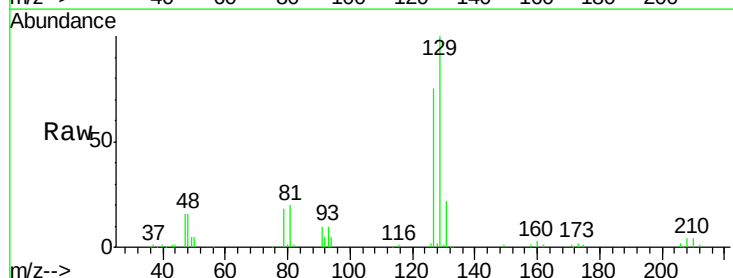
Manual Integrations
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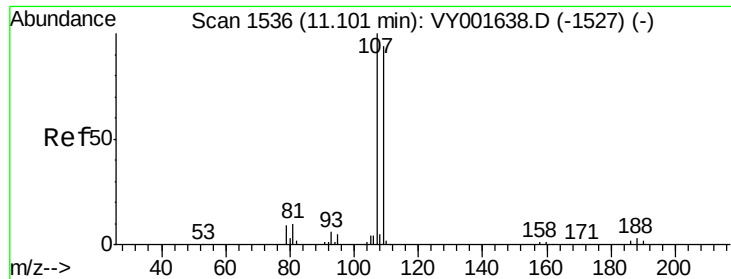
MMDadoda
3/3/2020 11:11:41 AM



#60
Dibromochloromethane
Concen: 20.413 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 129 Resp: 37724
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





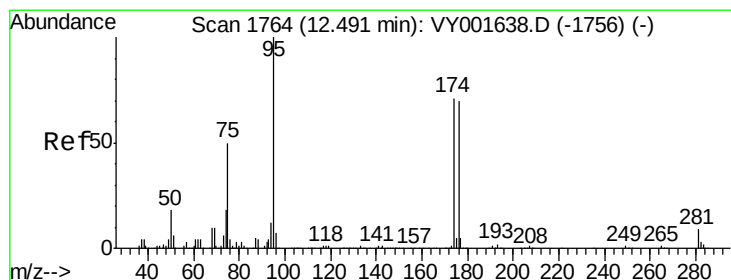
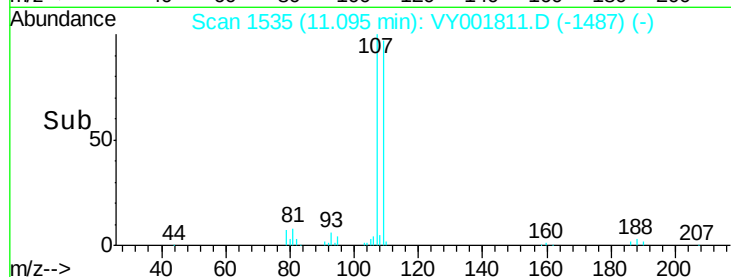
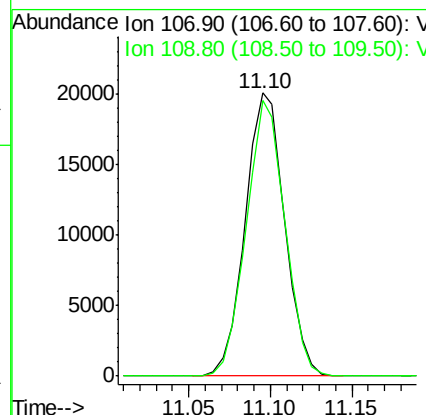
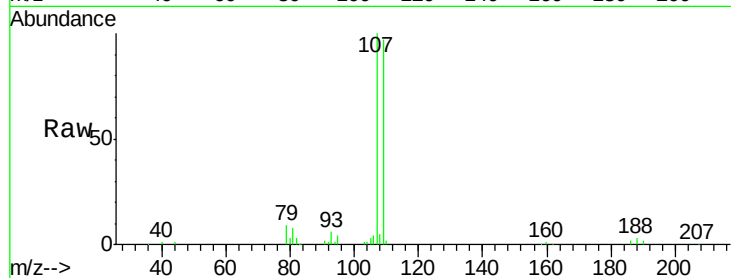
#61
 1,2-Dibromoethane
 Concen: 21.289 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	74.2	111.4

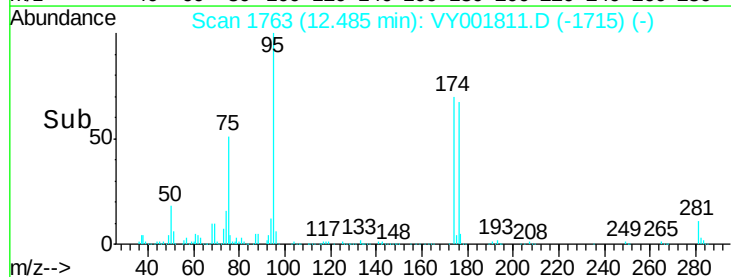
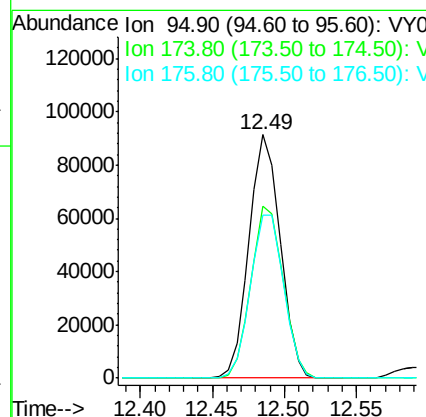
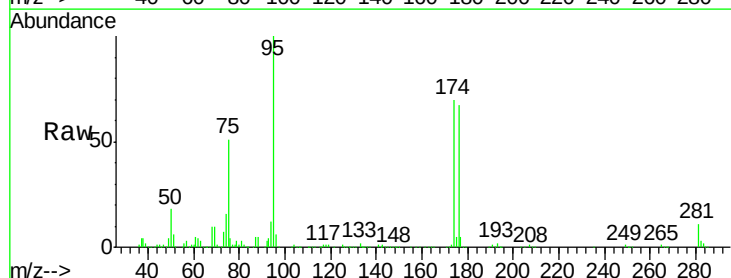
Manual Integrations
 APPROVED

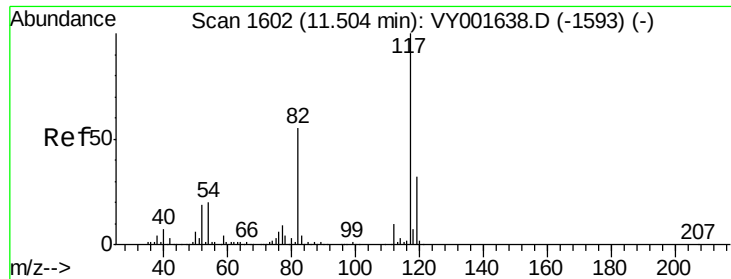
MMDadoda
 3/3/2020 11:11:41 AM



#62
 4-Bromofluorobenzene
 Concen: 51.089 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	138.4
176	71.1	0.0	131.8





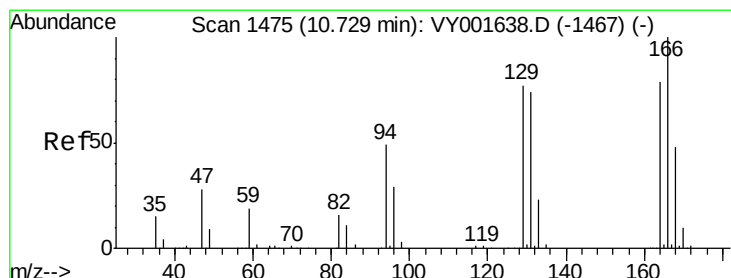
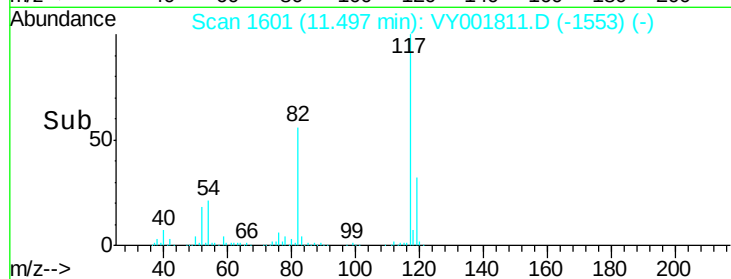
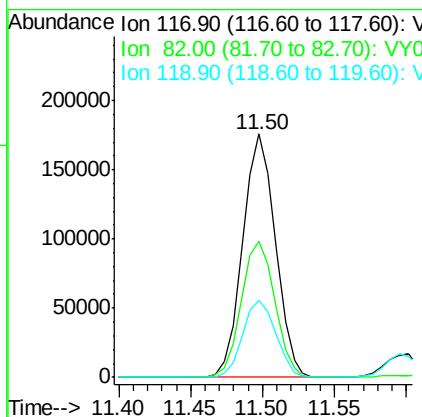
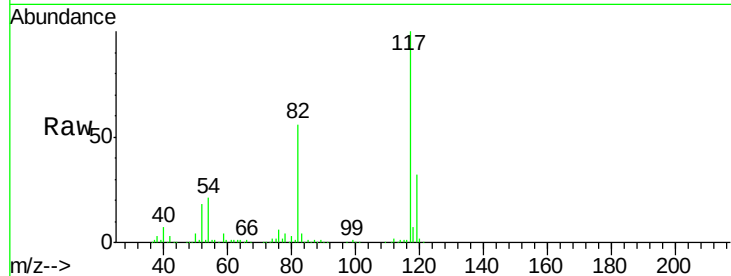
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	275667		
82	56.0		45.5	68.3
119	31.8		25.8	38.6

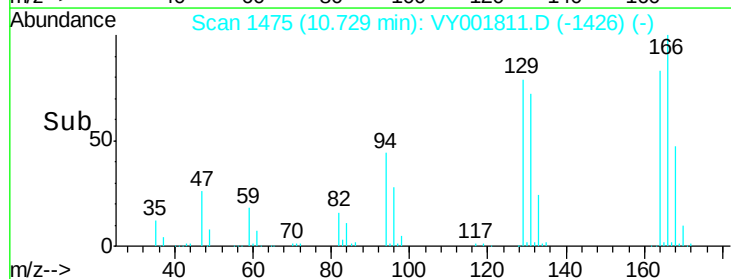
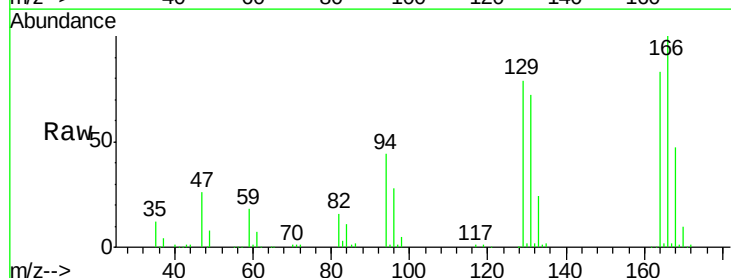
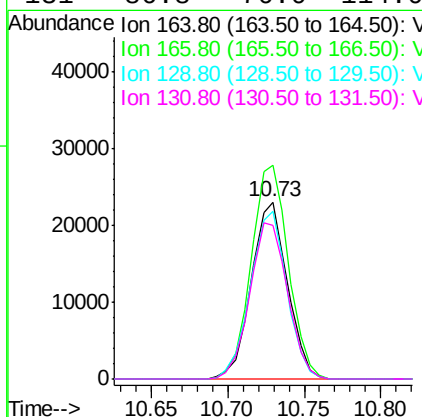
Manual Integrations
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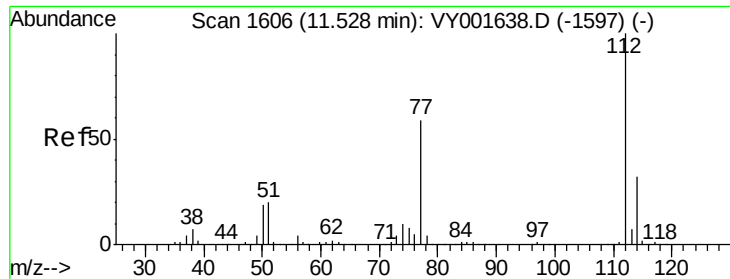
MMDadoda
3/3/2020 11:11:41 AM



#64
Tetrachloroethene
Concen: 21.859 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37828		
166	120.6		101.4	152.0
129	94.9		78.7	118.1
131	86.8		76.0	114.0





#65

Chlorobenzene

Concen: 21.535 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

Tot Ion:112 Resp: 118519

Ion Ratio Lower Upper

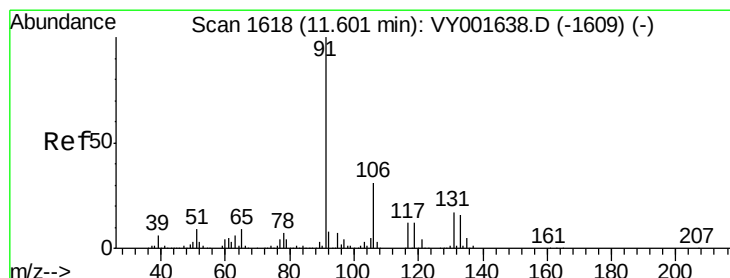
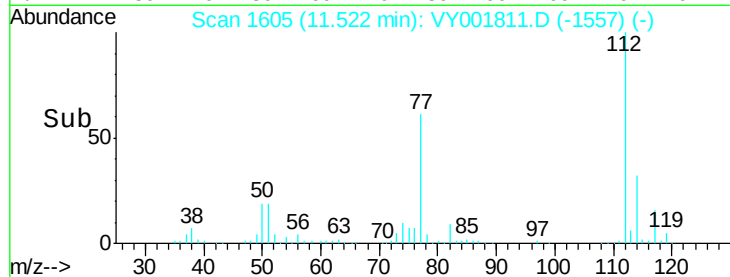
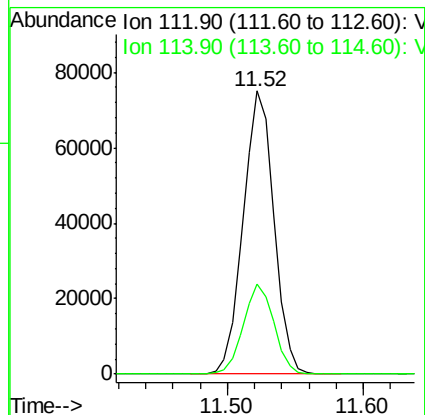
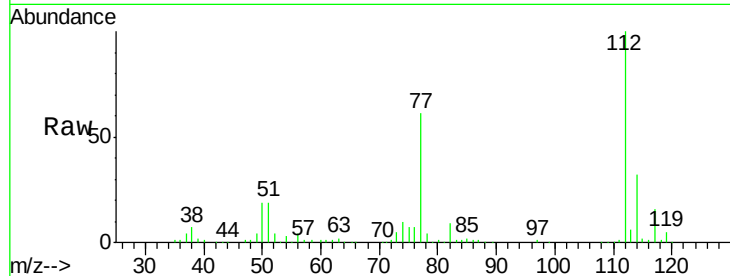
112 100

114 32.1 25.4 38.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 21.798 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

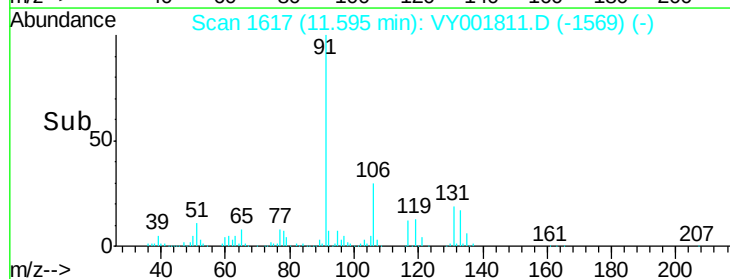
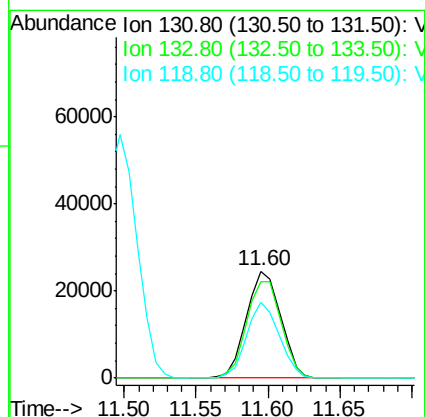
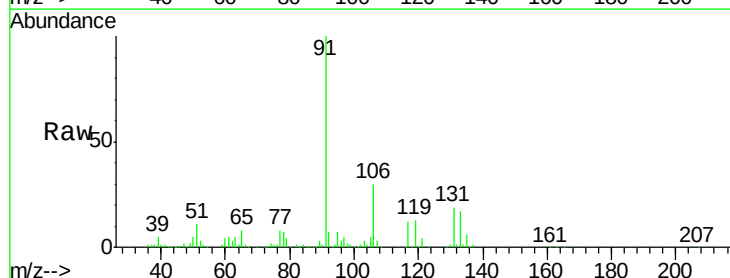
Tgt Ion:131 Resp: 40470

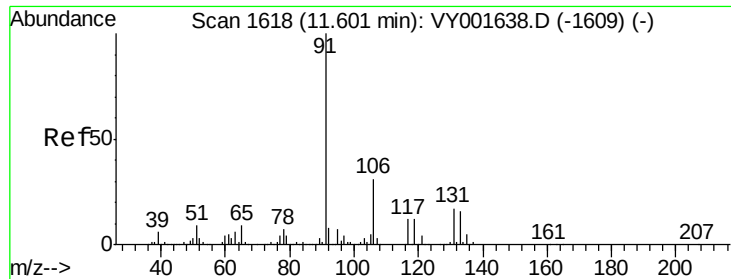
Ion Ratio Lower Upper

131 100

133 92.3 47.4 142.2

119 67.4 34.4 103.1





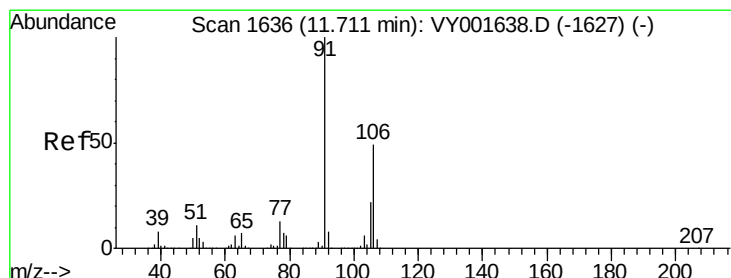
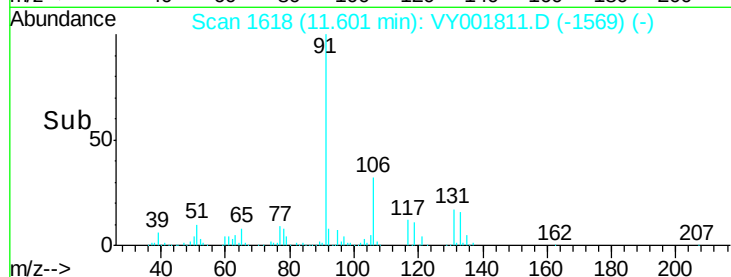
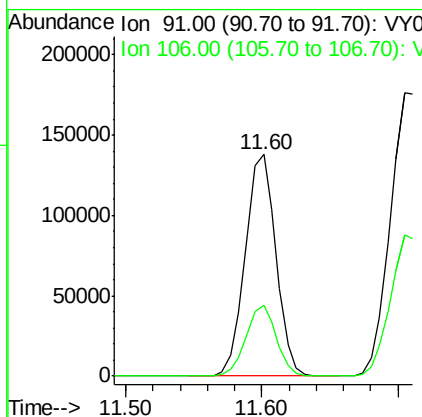
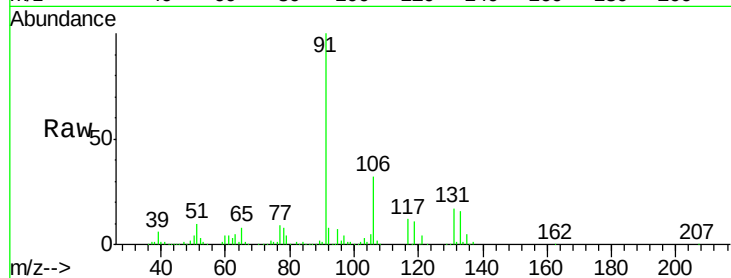
#67
Ethyl Benzene
Concen: 21.364 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion: 91 Resp: 218202
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

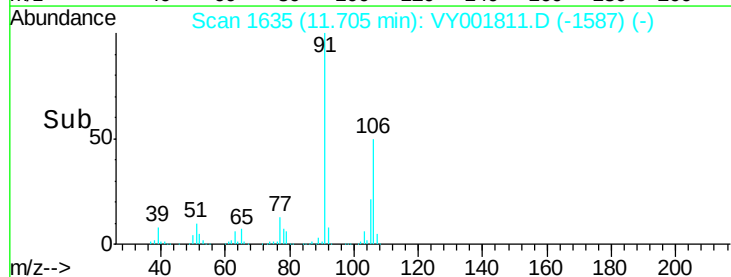
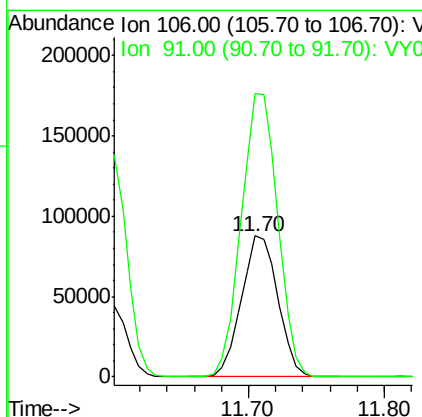
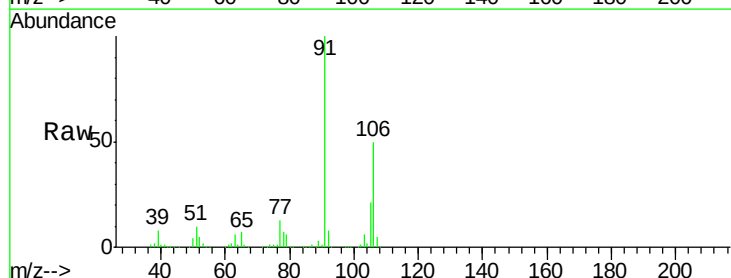
Manual Integrations
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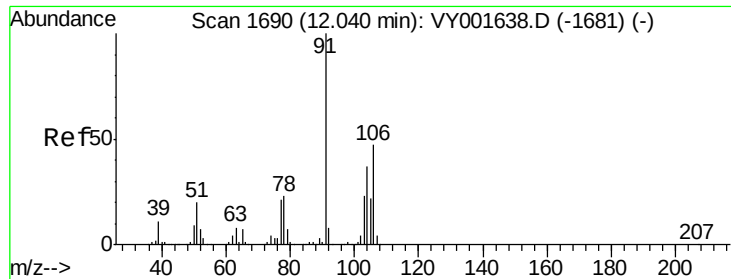
MMDadoda
3/3/2020 11:11:41 AM



#68
m/p-Xylenes
Concen: 43.001 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 106 Resp: 164058
Ion Ratio Lower Upper
106 100
91 201.7 163.3 244.9





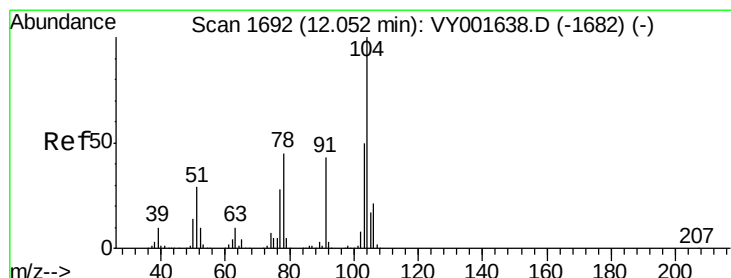
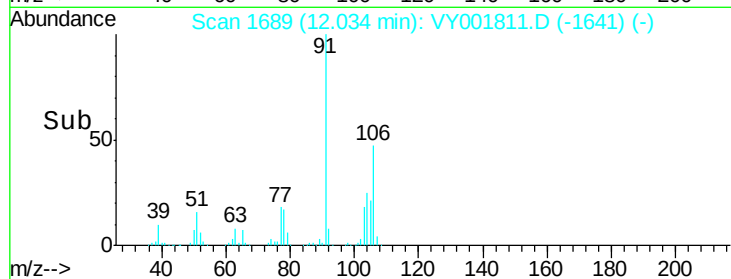
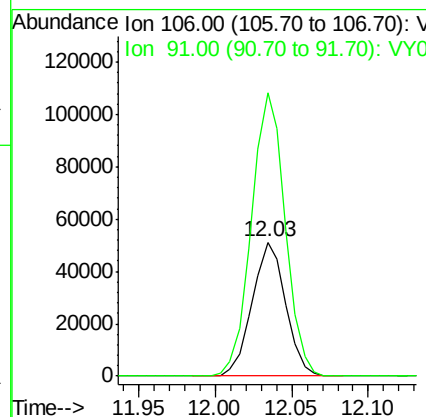
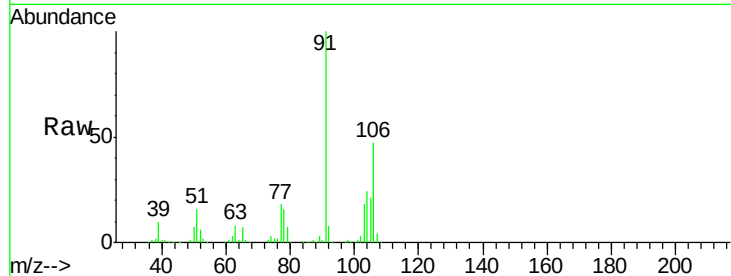
#69
o-Xylene
Concen: 21.471 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	212.2	108.3	324.9

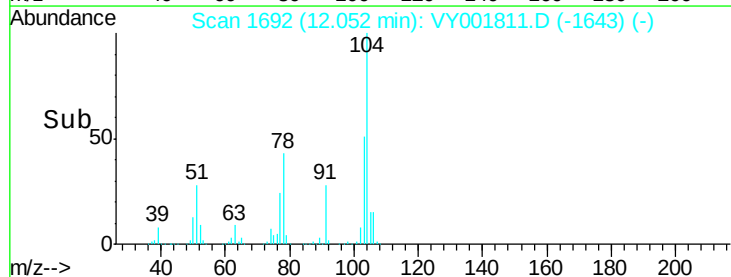
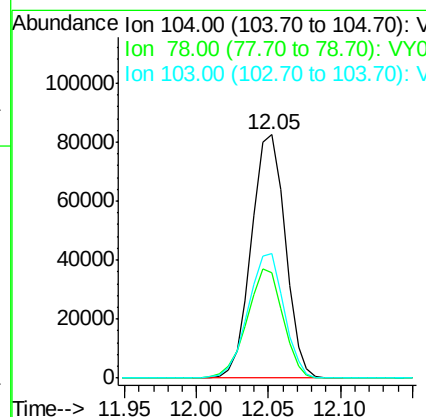
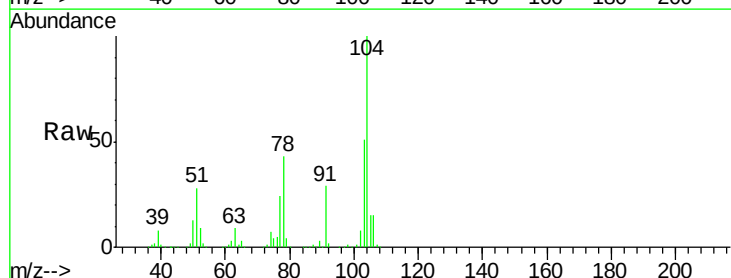
Manual Integrations
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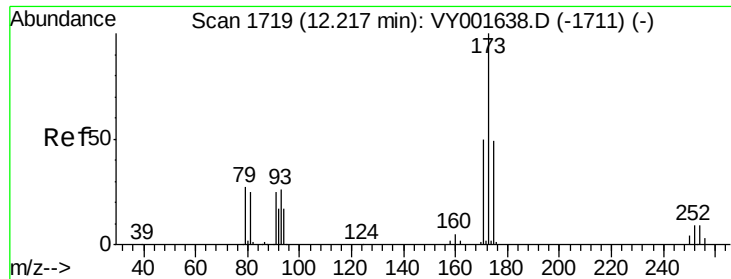
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#70
Styrene
Concen: 21.277 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	47.7	39.2	58.8
103	103	54.7	43.0	64.6





#71

Bromoform

Concen: 20.260 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

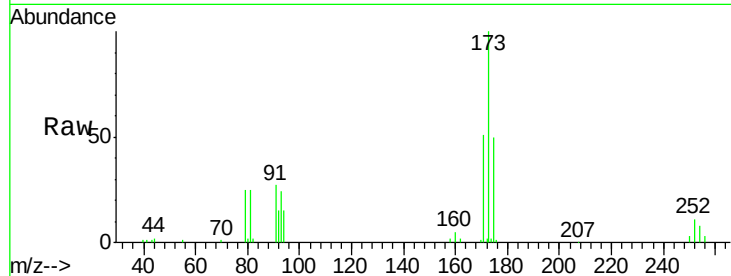
ClientSampleId :

VY0302SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	73.0
254	0.0	0.1	0.1#

Manual Integrations
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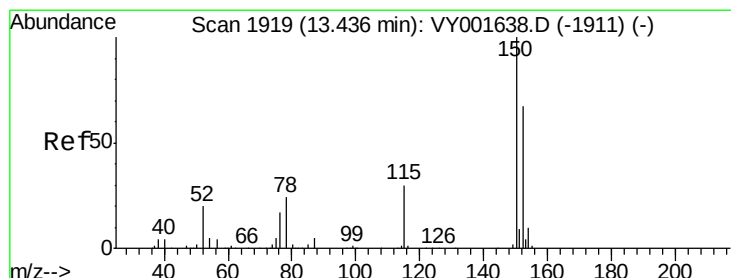
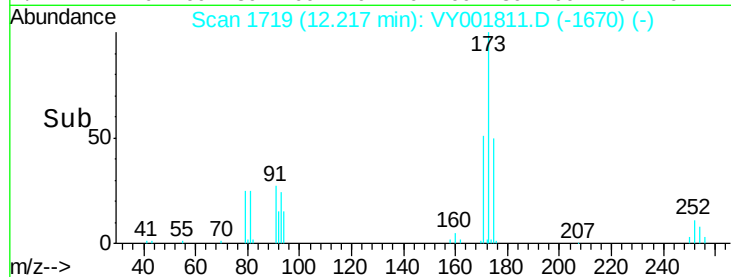
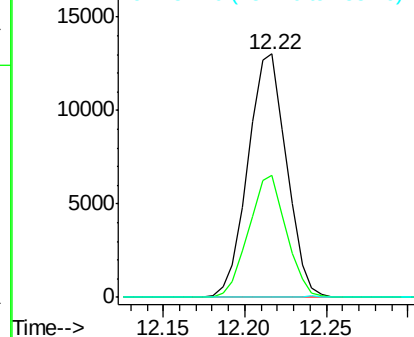
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Abundance Ion 172.70 (172.40 to 173.40): V

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

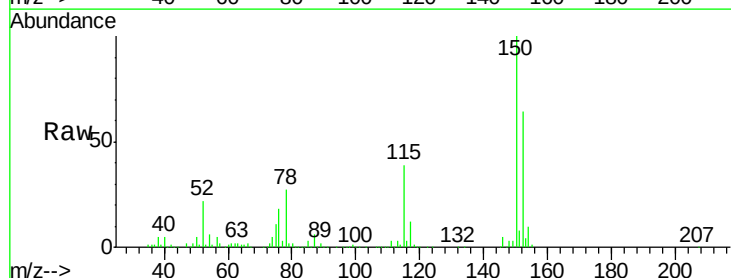
RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

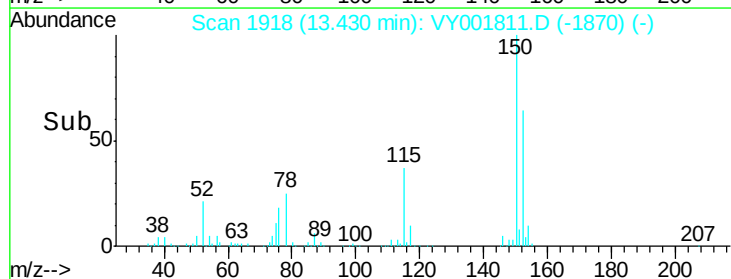
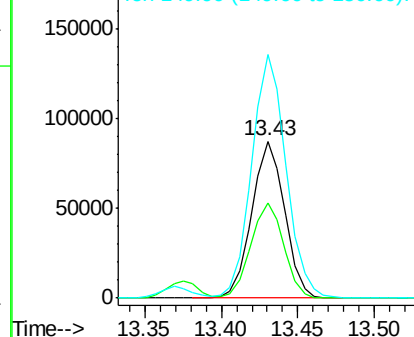
Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.4	94.2
150	163.2	0.0	407.2

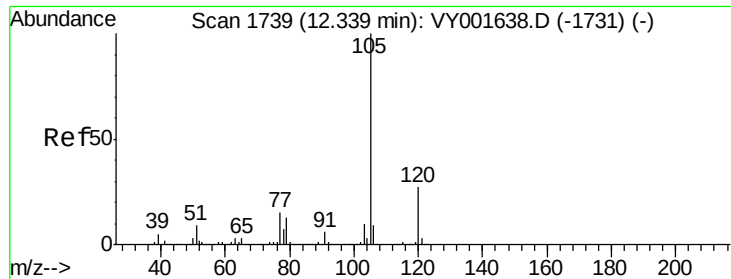


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





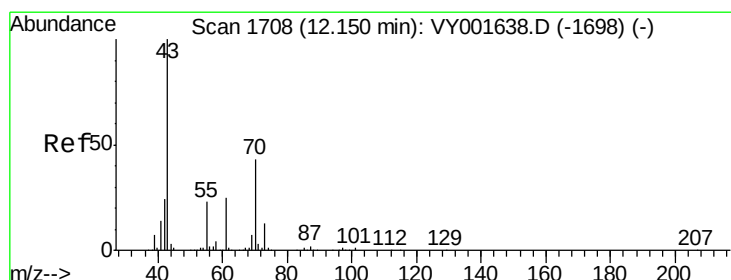
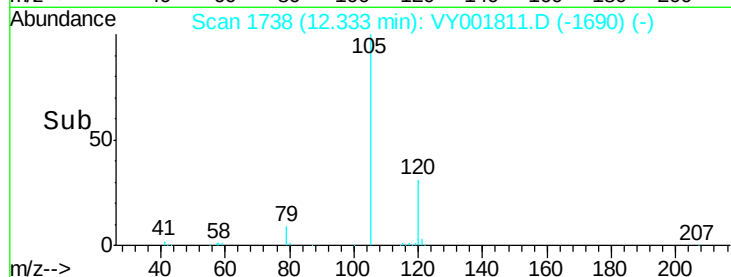
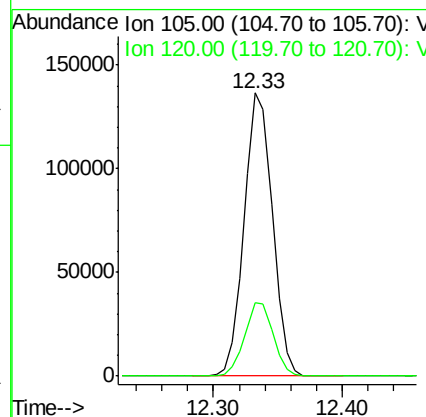
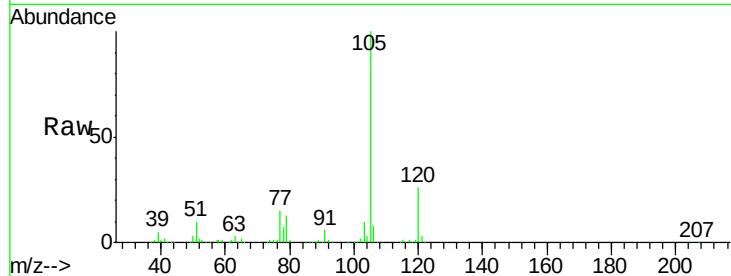
#73
Isopropylbenzene
Concen: 20.840 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.4	40.1

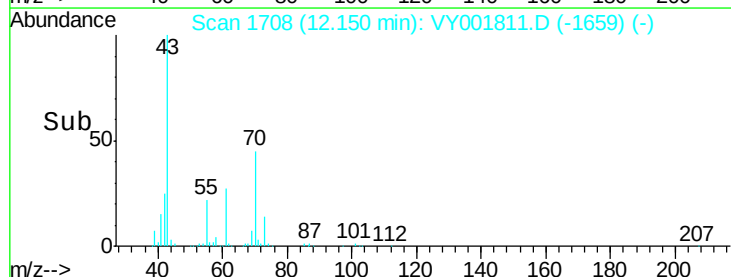
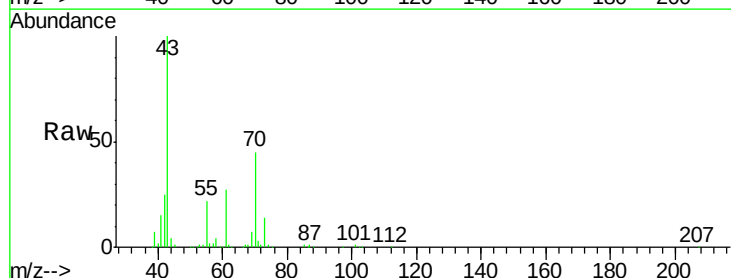
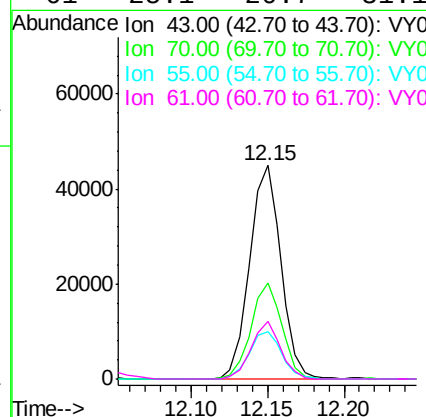
Manual Integrations
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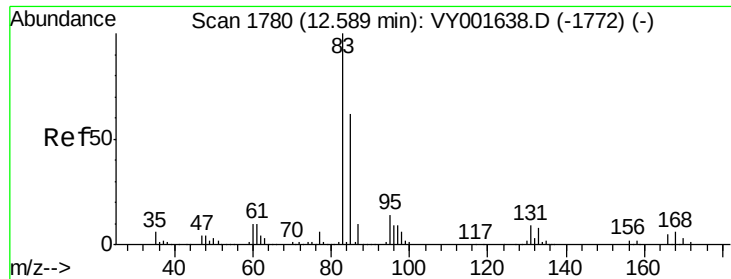
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#74
N-ethyl acetate
Concen: 20.155 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.5	35.9	53.9
55	23.0	18.3	27.5
61	25.1	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.443 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

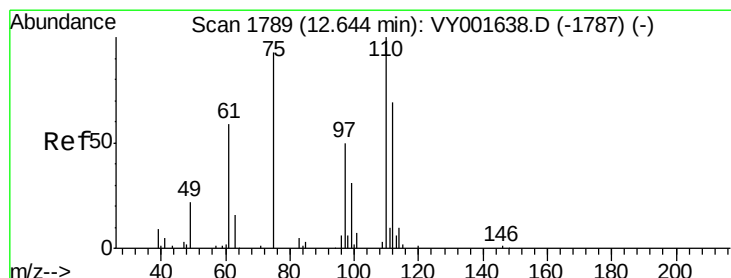
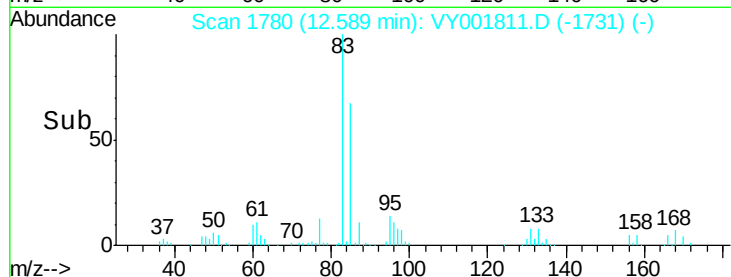
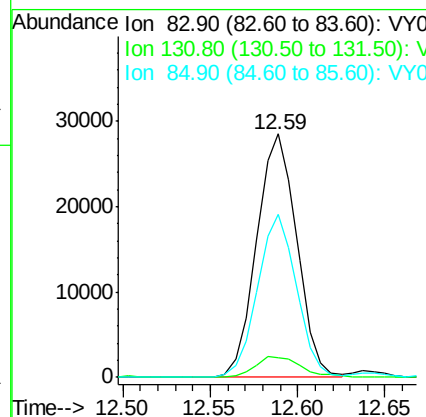
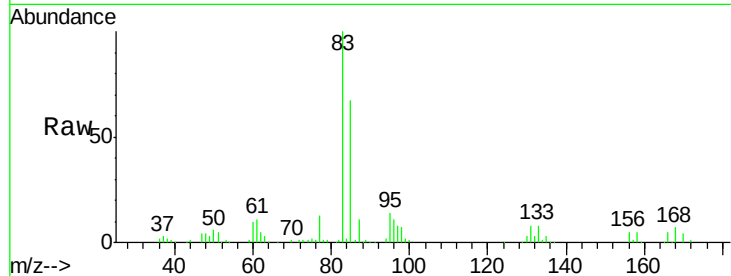
ClientSampleId :

VY0302SBS01

Tot Ion:	83	Resp:	45420
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.7	14.1
85	65.1	31.6	94.7

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



#76

1,2,3-Trichloropropane

Concen: 21.412 ug/l m

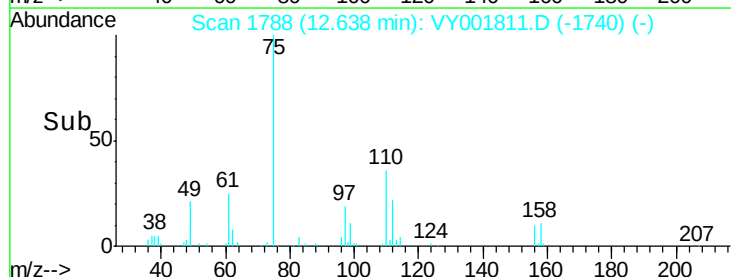
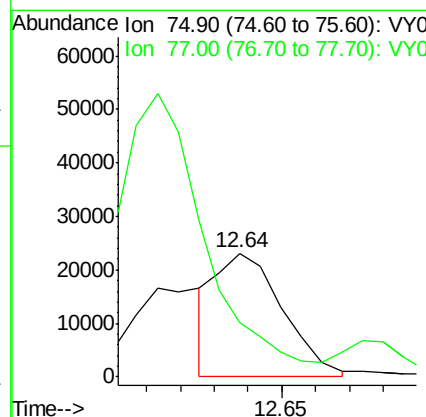
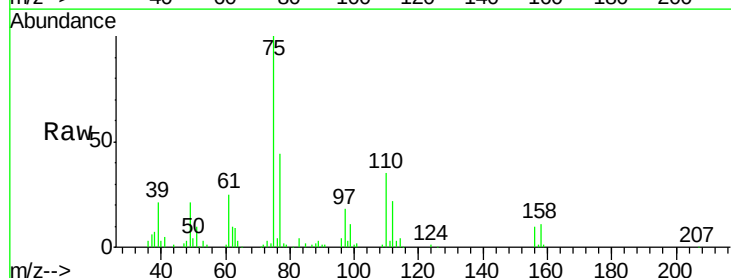
RT: 12.64 min Scan# 1788

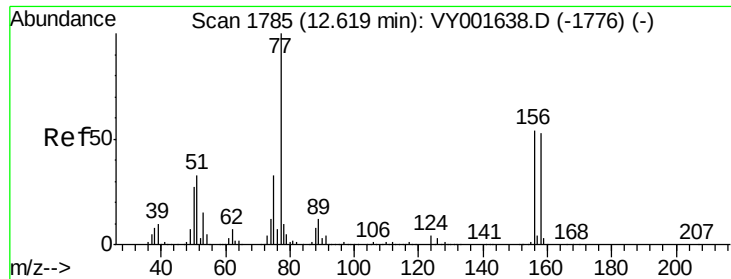
Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Tgt Ion:	75	Resp:	31985
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.400 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

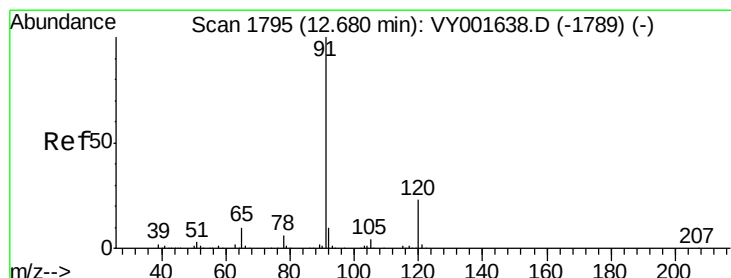
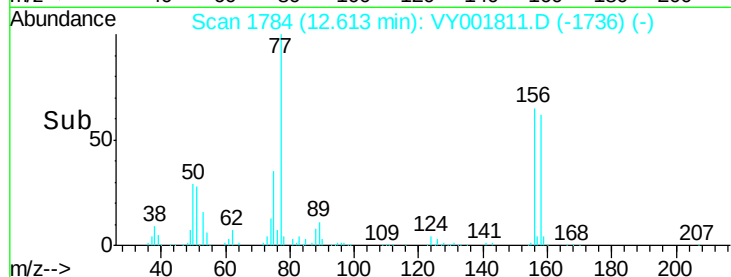
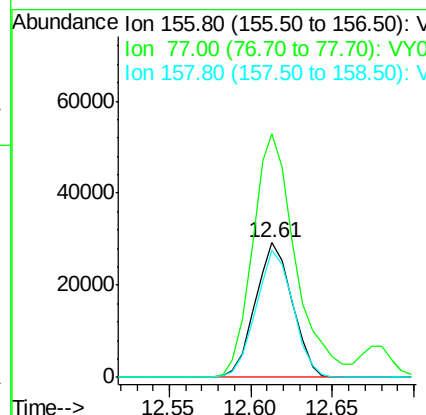
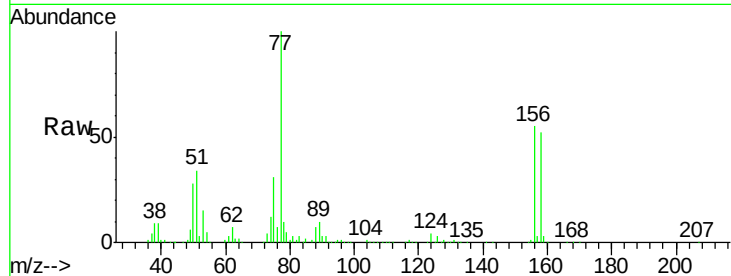
ClientSampleId :

VY0302SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	210.6	110.1	330.1	
158	94.1	47.9	143.7	

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#78

n-propylbenzene

Concen: 21.513 ug/l

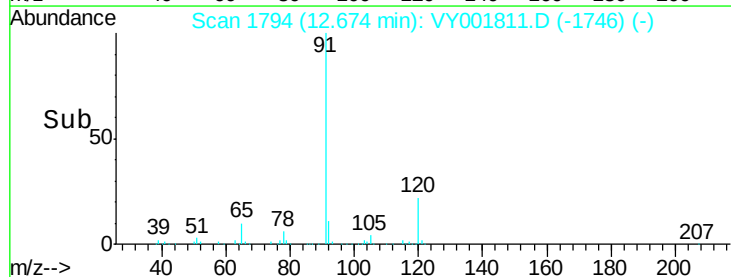
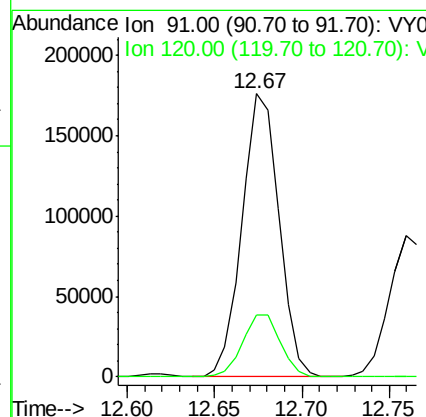
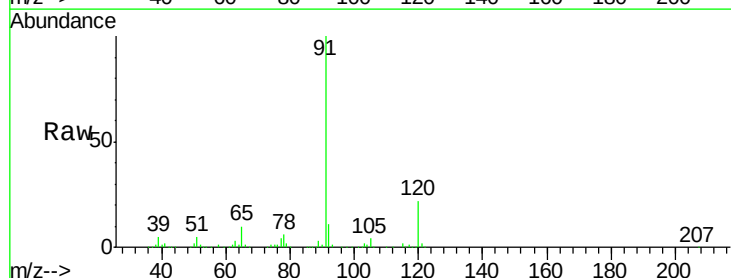
RT: 12.67 min Scan# 1794

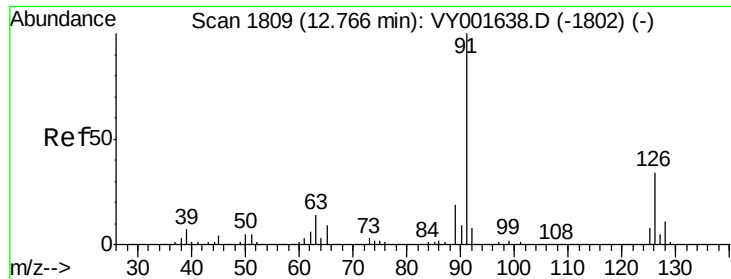
Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.6	11.1	33.1	





#79

2-Chlorotoluene

Concen: 20.816 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

Tot Ion: 91 Resp: 141058

Ion Ratio Lower Upper

91 100

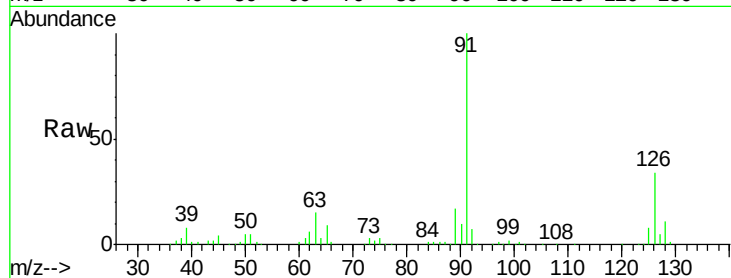
126 33.1 16.2 48.6

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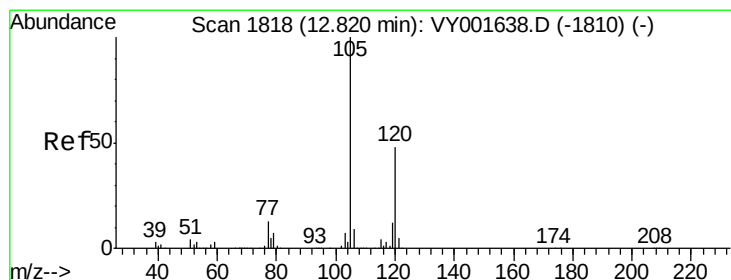
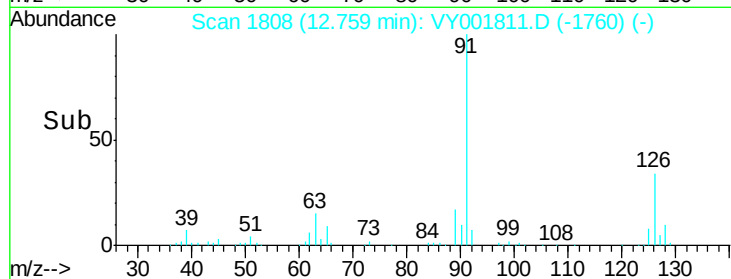
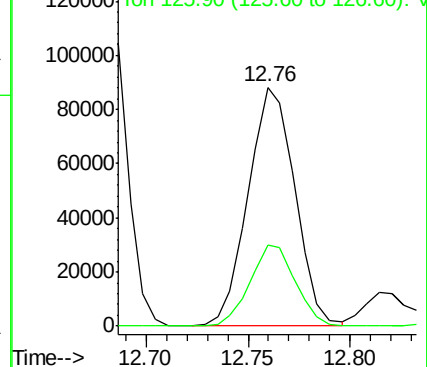
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Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.989 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001811.D

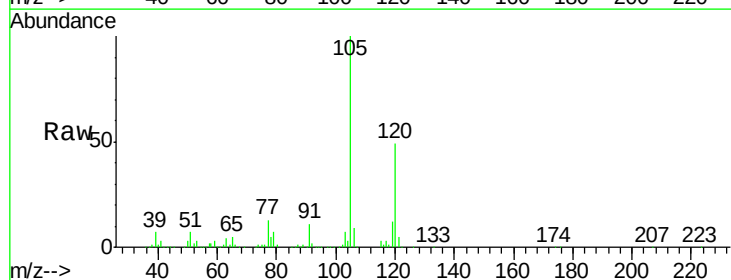
Acq: 02 Mar 2020 11:45

Tgt Ion: 105 Resp: 172361

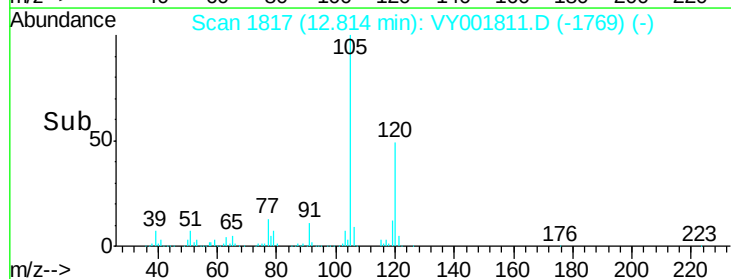
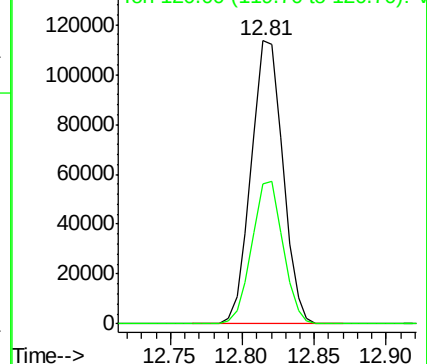
Ion Ratio Lower Upper

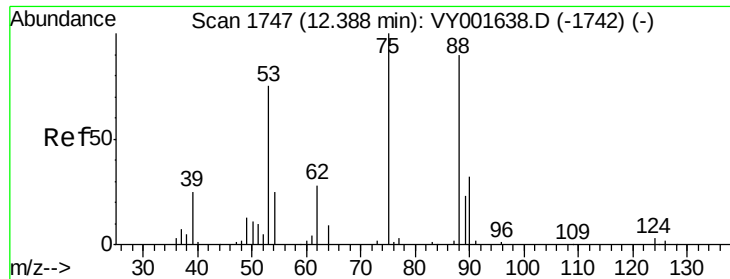
105 100

120 49.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001638.D (-1810) (-)





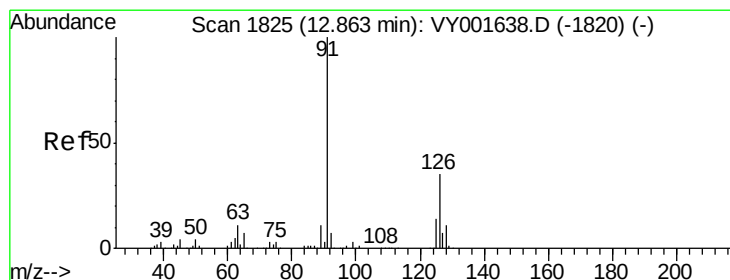
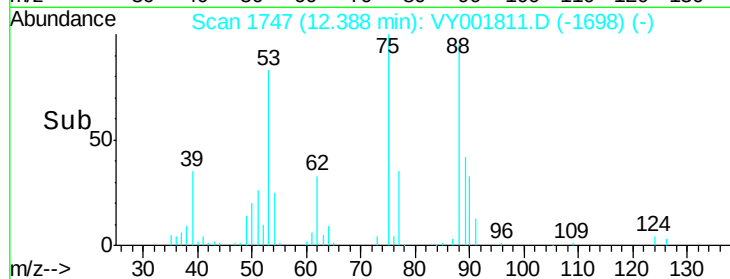
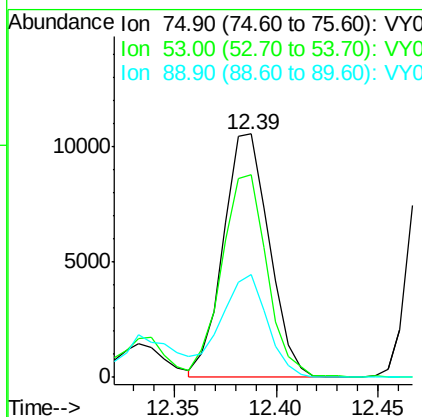
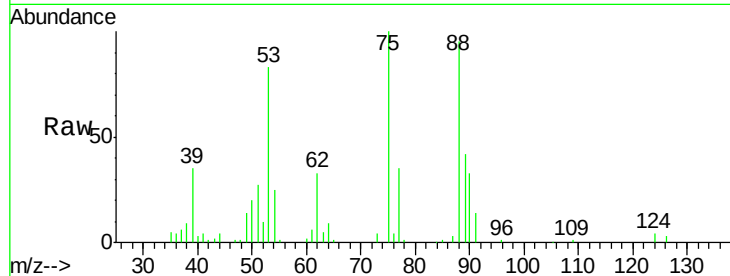
#81
trans-1,4-Dichloro-2-butene
Concen: 20.942 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.2	64.5	96.7
89	42.7	36.3	54.5

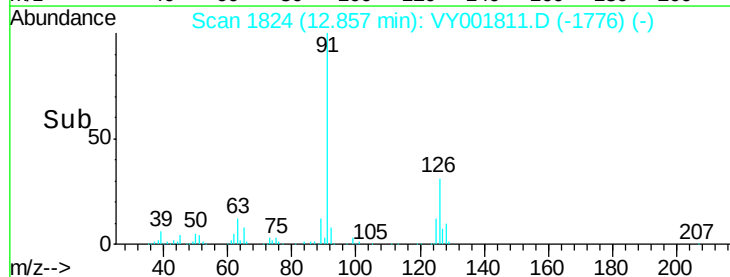
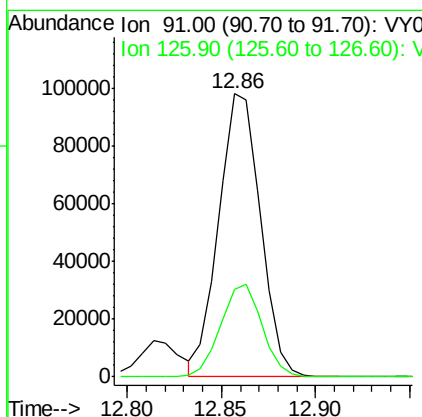
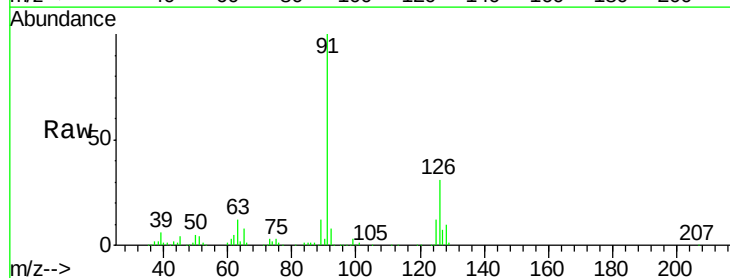
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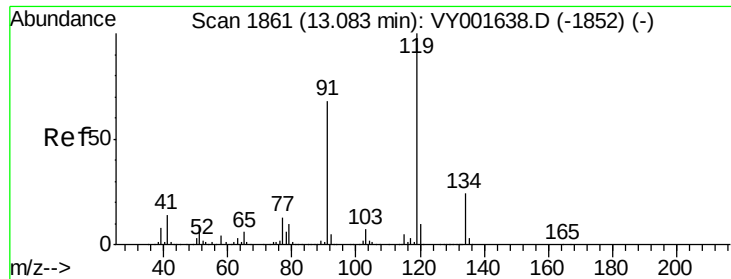
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#82
4-Chlorotoluene
Concen: 21.072 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.6





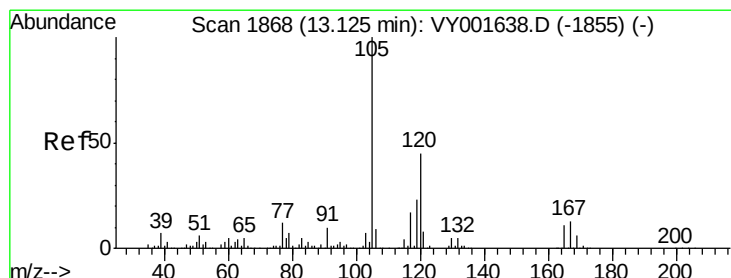
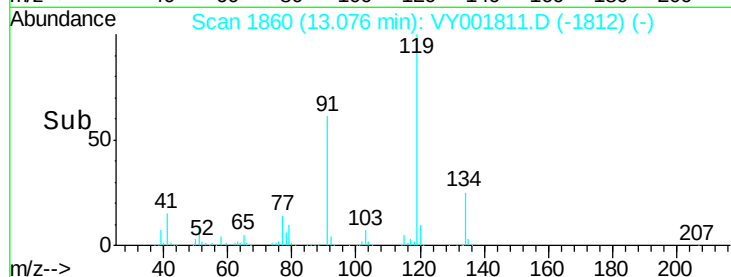
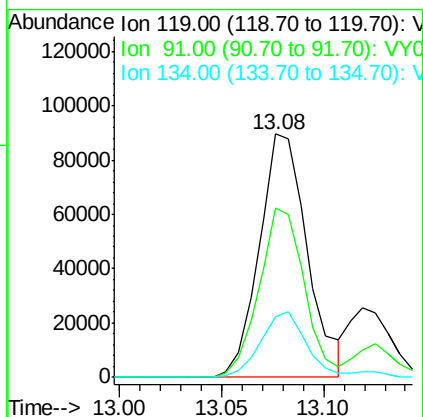
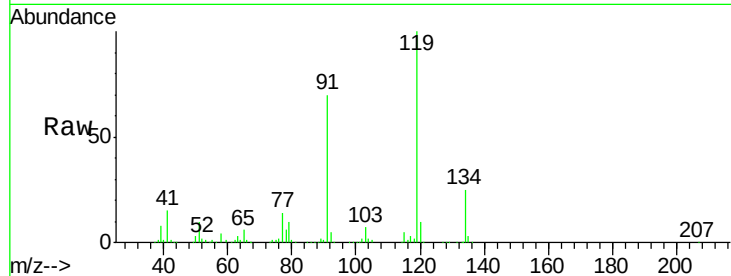
#83
tert-Butylbenzene
Concen: 21.438 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	33.5	100.5
134	26.9	13.3	39.8

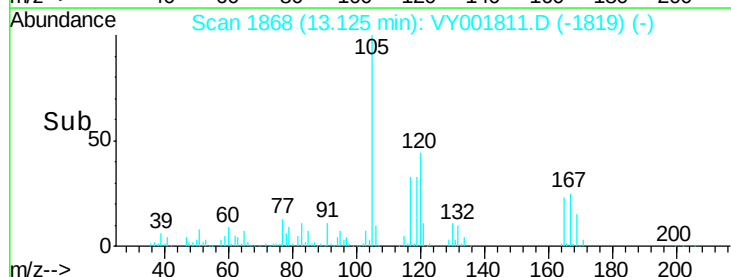
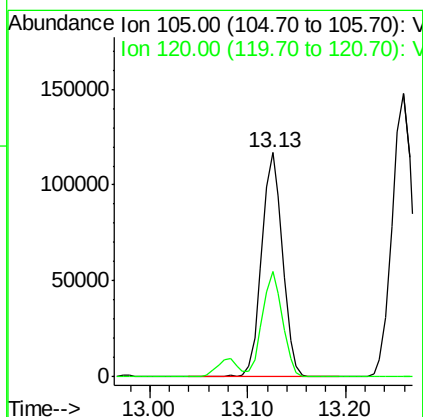
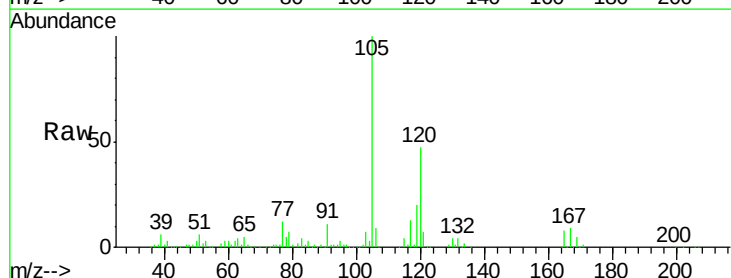
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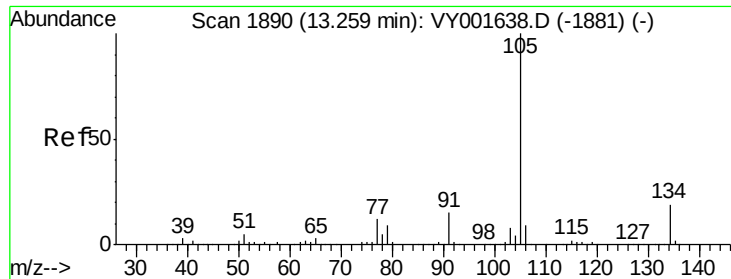
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#84
1,2,4-Trimethylbenzene
Concen: 21.147 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.4	67.3





#85

sec-Butylbenzene

Concen: 21.461 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

Tot Ion:105 Resp: 216787

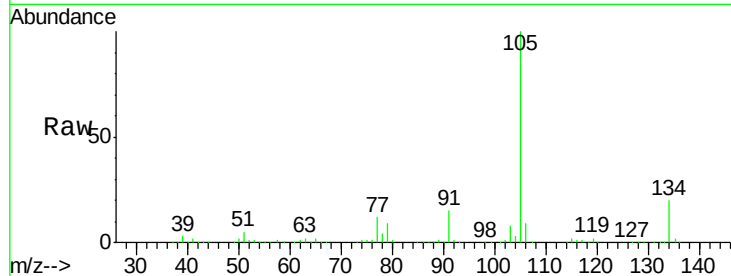
Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

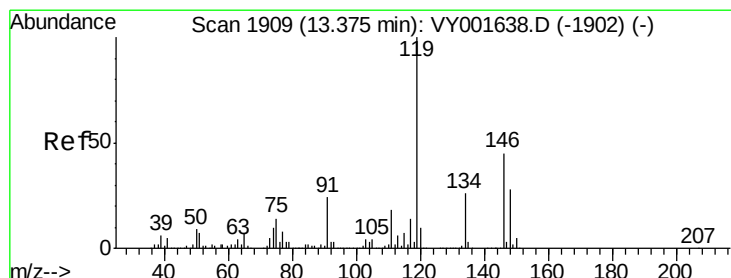
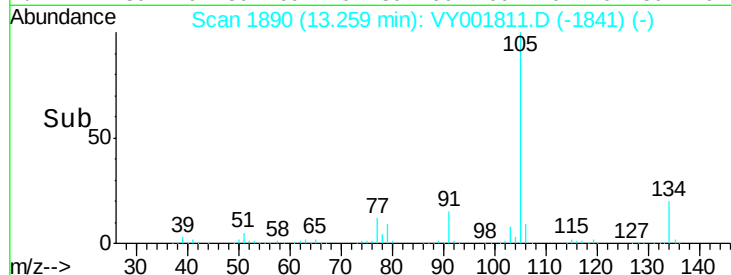
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.492 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

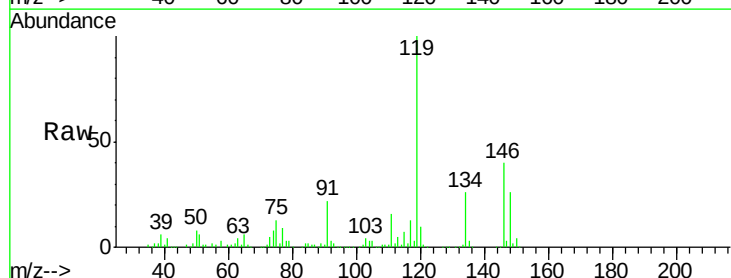
Tgt Ion:119 Resp: 188599

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.5 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

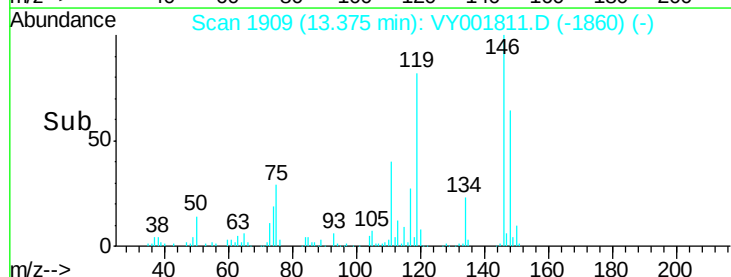
150000

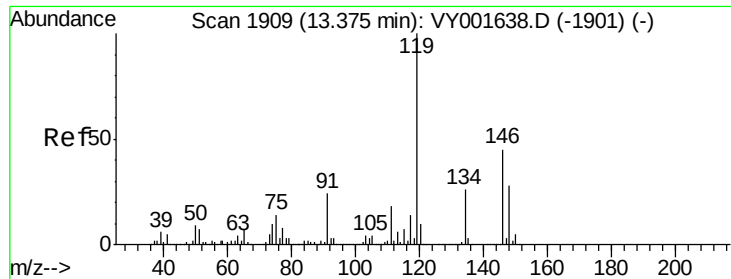
100000

50000

0

Time-->





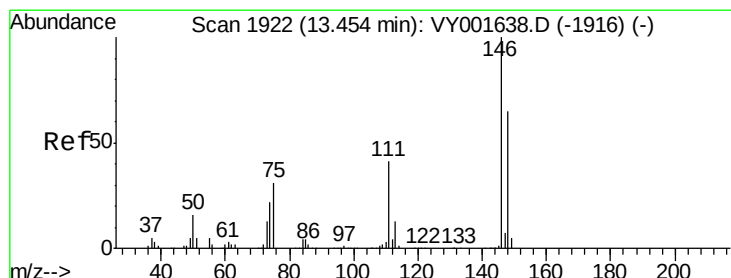
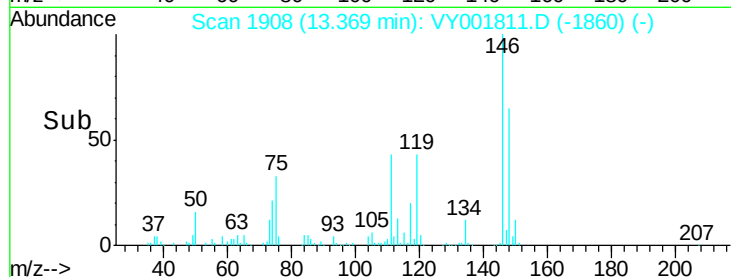
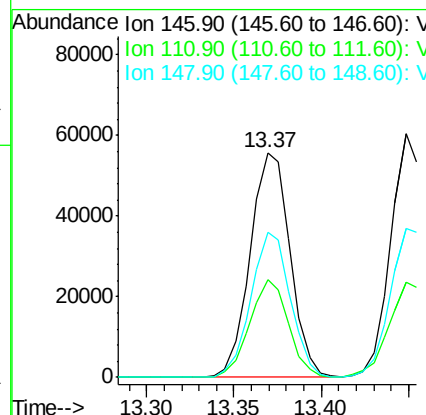
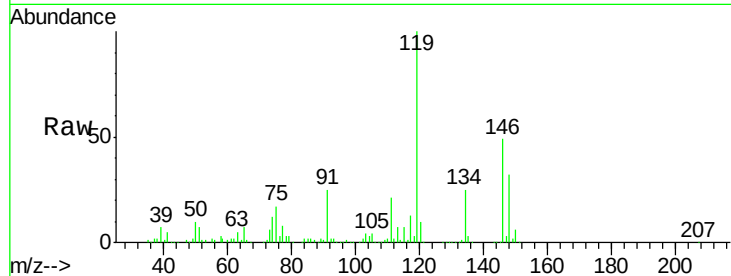
#87
 1,3-Dichlorobenzene
 Concen: 21.338 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.3
148	63.6	31.6	94.7

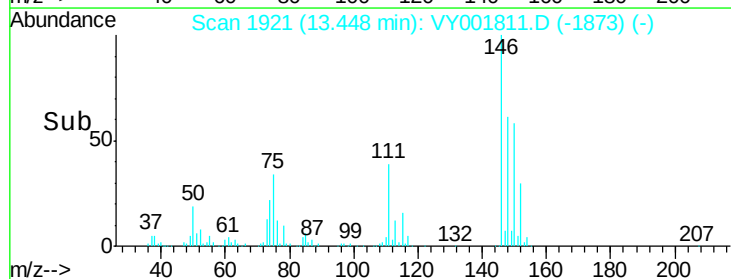
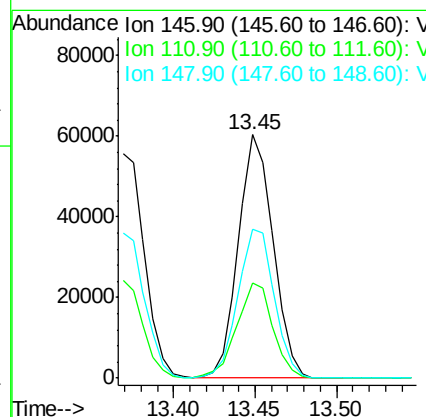
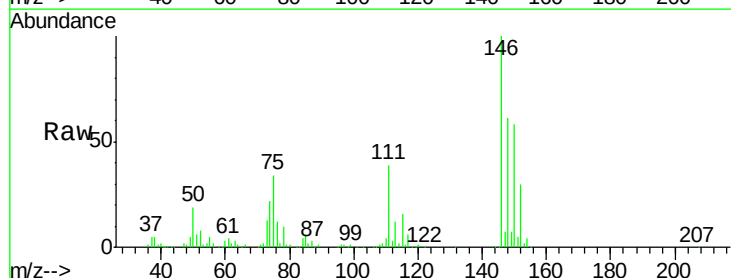
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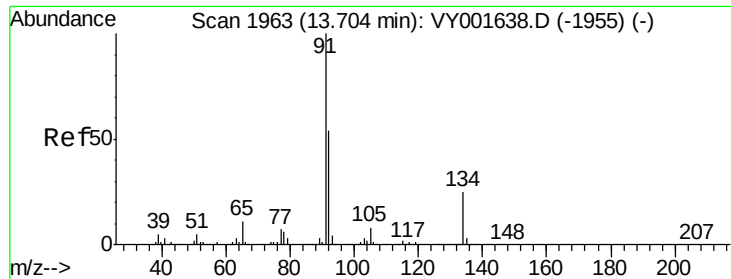
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#88
 1,4-Dichlorobenzene
 Concen: 21.359 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	63.9	31.6	94.7





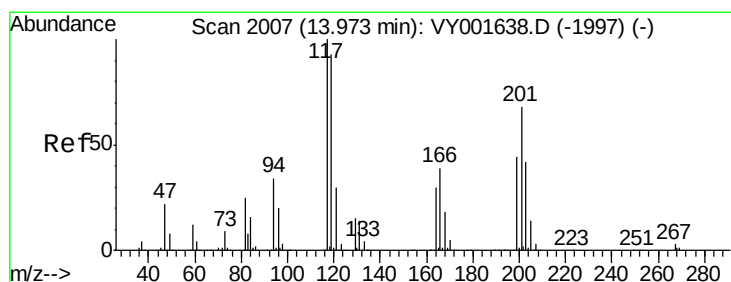
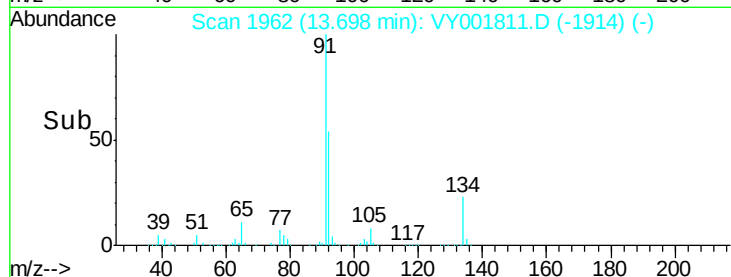
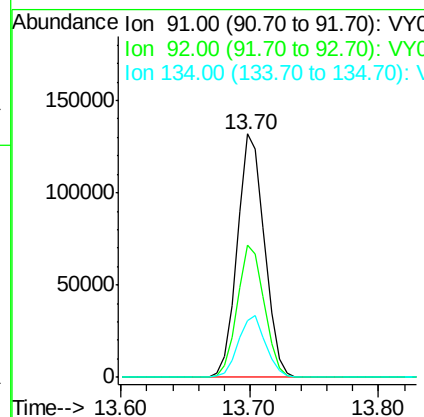
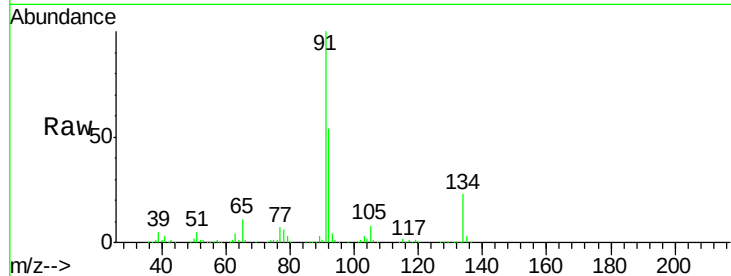
#89
n-Butylbenzene
Concen: 21.535 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	193098		
92	54.1		27.5	82.4
134	25.3		12.4	37.4

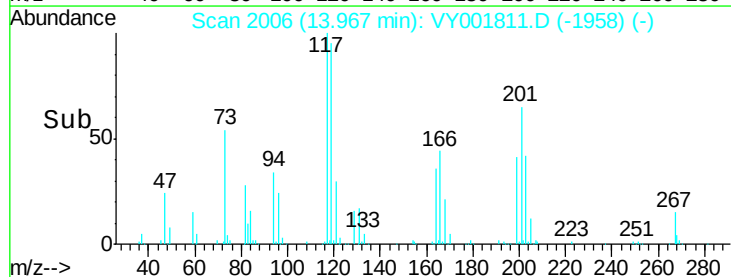
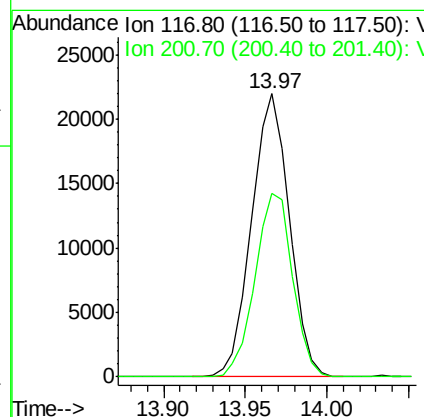
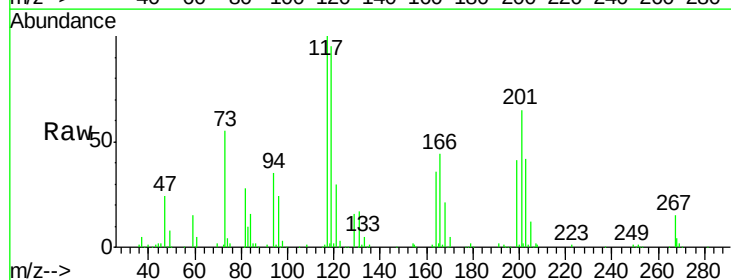
Manual Integrations
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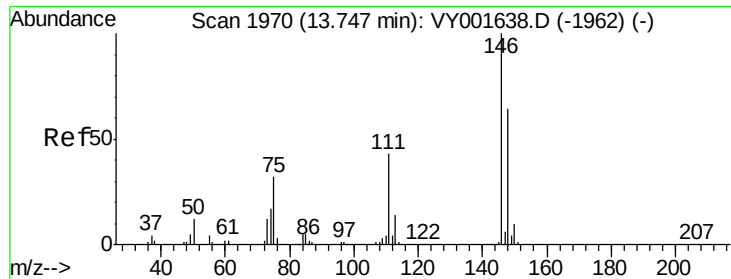
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#90
Hexachloroethane
Concen: 21.429 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35430		
201	64.6		32.5	97.4





#91

1,2-Dichlorobenzene

Concen: 21.109 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

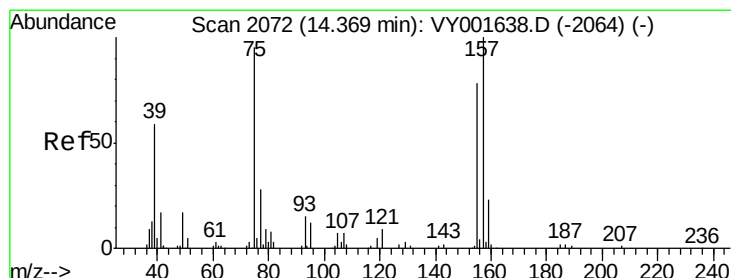
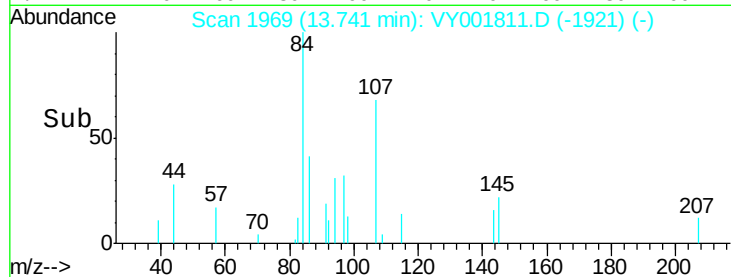
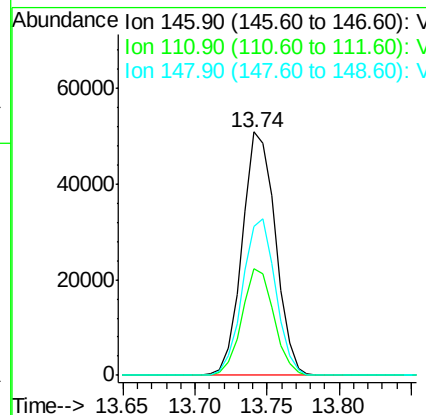
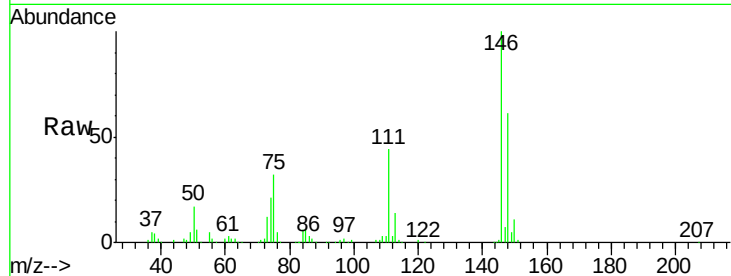
ClientSampleId :

VY0302SBS01

Tot Ion:	146	Resp:	81249
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.9	65.7
148	63.8	31.5	94.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.775 ug/l

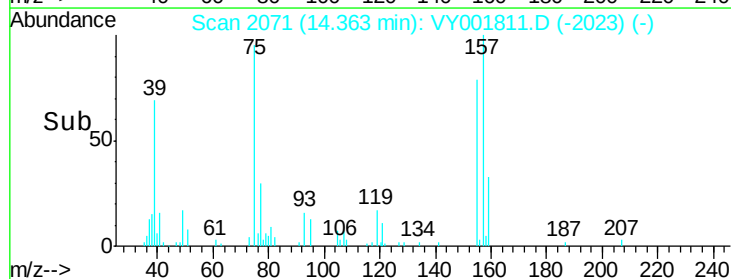
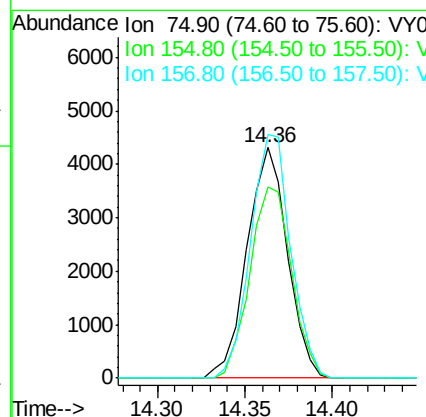
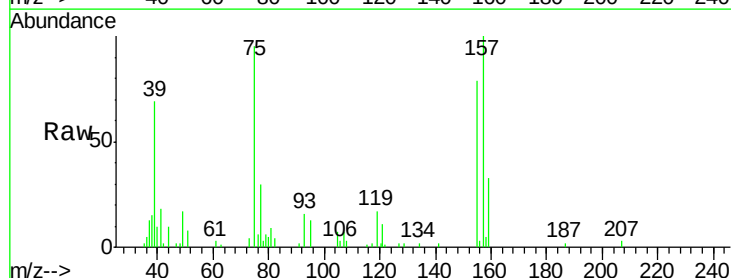
RT: 14.36 min Scan# 2071

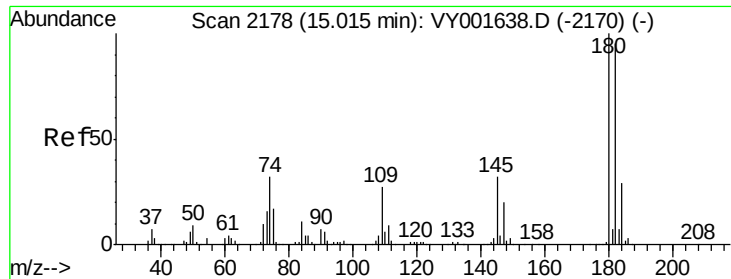
Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Tgt Ion:	75	Resp:	6913
Ion Ratio	Lower	Upper	
75	100		
155	85.5	40.8	122.4
157	105.4	52.1	156.4





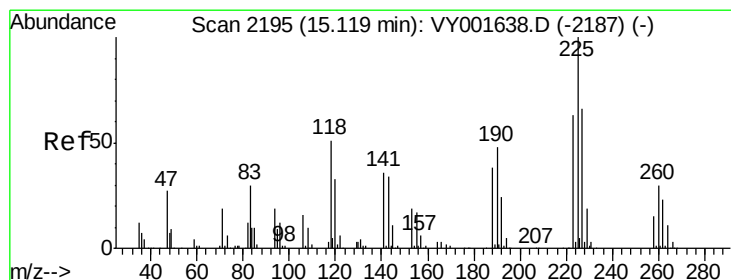
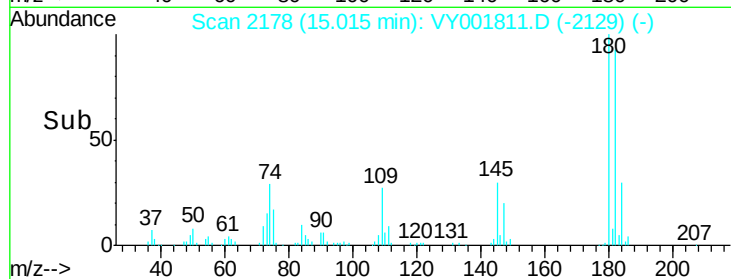
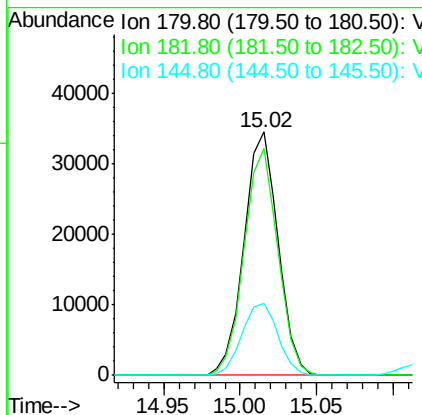
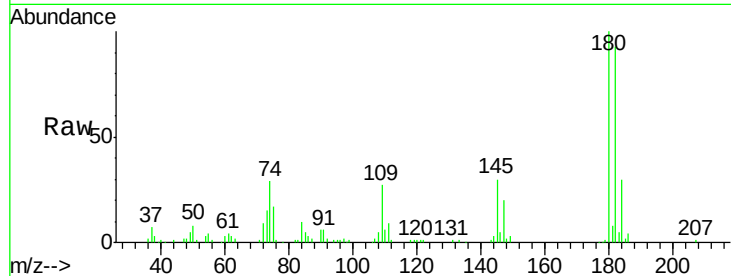
#93
1,2,4-Trichlorobenzene
Concen: 21.009 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	53588		
182	92.1	46.8	140.3	
145	31.4	16.2	48.5	

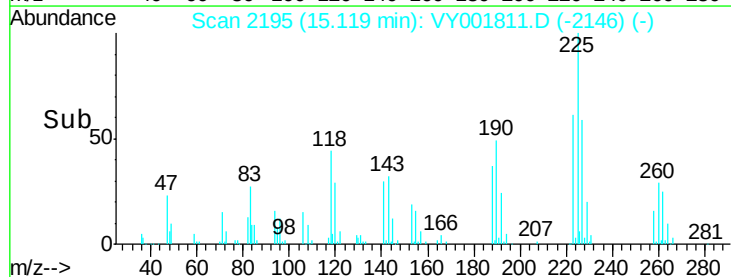
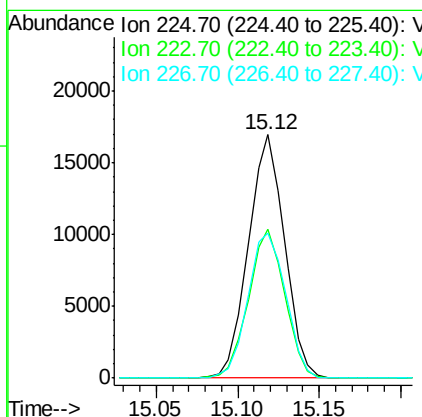
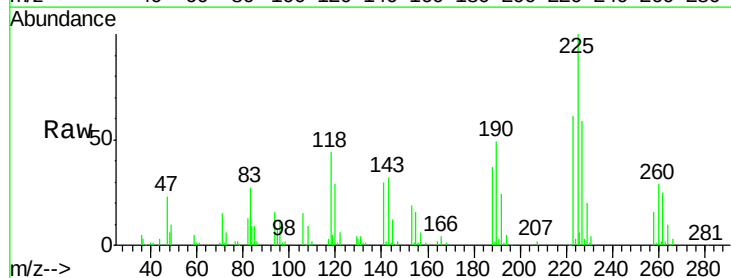
Manual Integrations
APPROVED

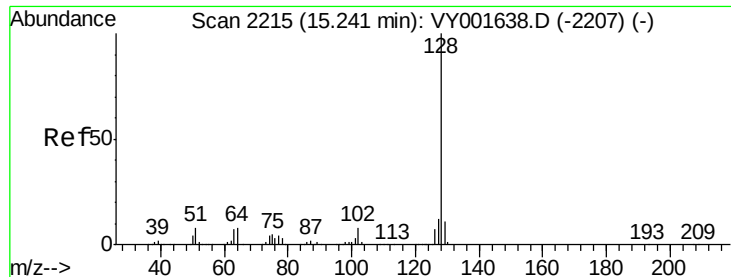
MMDadoda
3/3/2020 11:11:41 AM



#94
Hexachlorobutadiene
Concen: 20.627 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26165		
223	61.3	31.4	94.0	
227	62.5	31.6	94.8	





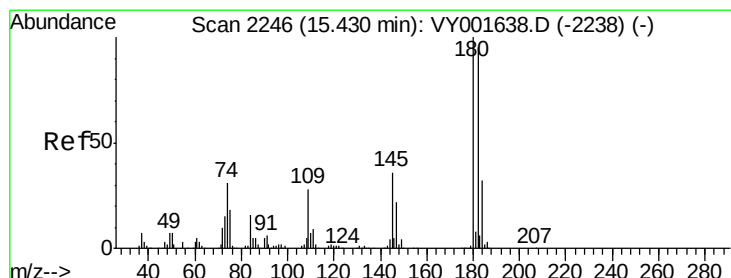
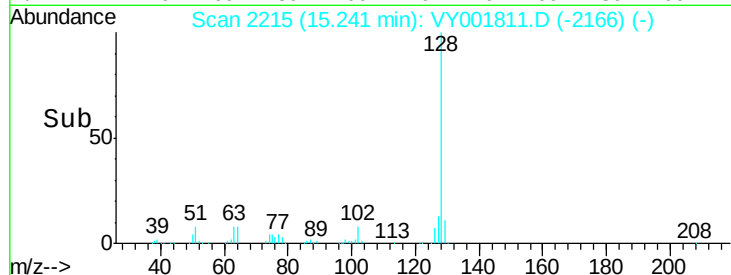
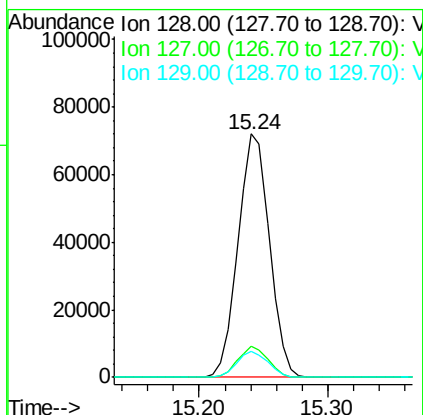
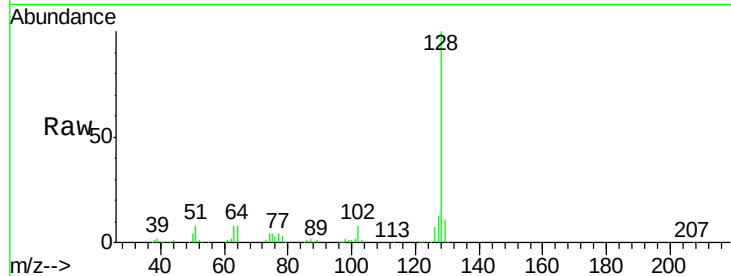
#95
Naphthalene
Concen: 20.644 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	121408		
127	12.2		9.9	14.9
129	10.8		8.6	13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.880 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	46854		
182	94.1		47.2	141.6
145	33.1		17.3	52.0

