

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003335.D
 Acq On : 24 Jul 2020 16:26
 Operator : SY/MD
 Sample : VY0724SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 12:03:23 PM

Quant Time: Jul 25 02:18:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	499304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	737118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	675443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	362956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	205214	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	7.72	113	202602	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	10.18	98	731426	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
62) 4-Bromofluorobenzene	12.48	95	264594	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	78991	22.073	ug/l	99
3) Chloromethane	2.12	50	97930	19.728	ug/l	100
4) Vinyl Chloride	2.26	62	106412	20.894	ug/l	96
5) Bromomethane	2.64	94	81312	21.494	ug/l	98
6) Chloroethane	2.80	64	67173	20.081	ug/l	94
7) Trichlorofluoromethane	3.13	101	154402	21.228	ug/l	94
8) Diethyl Ether	3.54	74	52053	21.357	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	93226	21.223	ug/l	98
10) Methyl Iodide	4.09	142	94442	19.789	ug/l	99
11) Tert butyl alcohol	4.96	59	56766	124.569	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	86099	20.722	ug/l	97
13) Acrolein	3.74	56	27396	69.263	ug/l	97
14) Allyl chloride	4.48	41	135963	22.053	ug/l	97
15) Acrylonitrile	5.17	53	131546	112.359	ug/l	99
16) Acetone	3.95	43	107576	114.279	ug/l	93
17) Carbon Disulfide	4.19	76	258807	20.299	ug/l	99
18) Methyl Acetate	4.48	43	62152	23.774	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	243172	20.885	ug/l	96
20) Methylene Chloride	4.72	84	136963	26.315	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	95561	20.335	ug/l	94
22) Diisopropyl ether	6.12	45	299617	21.897	ug/l	99
23) Vinyl Acetate	6.07	43	973116	106.703	ug/l	99
24) 1,1-Dichloroethane	6.02	63	169753	21.414	ug/l	98
25) 2-Butanone	6.99	43	171410	110.901	ug/l	99
26) 2,2-Dichloropropane	6.99	77	152198	21.319	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	108438	20.958	ug/l	99
28) Bromochloromethane	7.33	49	77973	22.719	ug/l	99
29) Tetrahydrofuran	7.35	42	114886	110.647	ug/l	97
30) Chloroform	7.51	83	172765	21.161	ug/l	98
31) Cyclohexane	7.78	56	160761	20.972	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	153786	20.923	ug/l	99
36) 1,1-Dichloropropene	7.92	75	135654	20.305	ug/l	100
37) Ethyl Acetate	7.08	43	78170	21.727	ug/l	99
38) Carbon Tetrachloride	7.90	117	139276	20.194	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	165068	19.669	ug/l	94
40) Benzene	8.16	78	376717	20.479	ug/l	97
41) Methacrylonitrile	7.33	41	42683m	19.698	ug/l	
42) 1,2-Dichloroethane	8.24	62	114865	20.283	ug/l	98
43) Isopropyl Acetate	8.27	43	144665	20.773	ug/l	99
44) Trichloroethene	8.94	130	111243	19.727	ug/l	93
45) 1,2-Dichloropropane	9.22	63	99802	20.968	ug/l	99
46) Dibromomethane	9.31	93	54638	19.654	ug/l	99
47) Bromodichloromethane	9.50	83	137837	20.847	ug/l	97
48) Methyl methacrylate	9.29	41	64870	20.836	ug/l	97
49) 1,4-Dioxane	9.30	88	14997	425.043	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	381081	105.281	ug/l	99
52) Toluene	10.24	92	239212	20.345	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	143836	20.996	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	164231	20.807	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	79832	20.265	ug/l	98
56) Ethyl methacrylate	10.51	69	109555	20.455	ug/l	97
57) 1,3-Dichloropropane	10.79	76	138939	20.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	303368	111.064	ug/l	98
59) 2-Hexanone	10.83	43	270377	107.004	ug/l	100
60) Dibromochloromethane	10.98	129	101660	20.517	ug/l	100
61) 1,2-Dibromoethane	11.09	107	77198	19.855	ug/l	100
64) Tetrachloroethene	10.72	164	111832	18.569	ug/l	98
65) Chlorobenzene	11.52	112	266992	20.519	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	103500	20.480	ug/l	99
67) Ethyl Benzene	11.59	91	473800	20.393	ug/l	100
68) m/p-Xylenes	11.70	106	360201	40.861	ug/l	100
69) o-Xylene	12.03	106	166334	20.198	ug/l	98
70) Styrene	12.04	104	290664	20.632	ug/l	100
71) Bromoform	12.20	173	67125	20.237	ug/l #	99
73) Isopropylbenzene	12.33	105	466386	20.164	ug/l	100
74) N-amyl acetate	12.14	43	131440	20.253	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	93318	20.889	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	77688m	24.181	ug/l	
77) Bromobenzene	12.61	156	118231	20.053	ug/l	99
78) n-propylbenzene	12.67	91	559660	20.527	ug/l	99
79) 2-Chlorotoluene	12.75	91	312473	20.541	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	390104	20.236	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	33700	20.414	ug/l	97
82) 4-Chlorotoluene	12.85	91	325532	20.503	ug/l	99
83) tert-Butylbenzene	13.07	119	339423	19.954	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	394369	20.332	ug/l	97
85) sec-Butylbenzene	13.25	105	485709	20.775	ug/l	100
86) p-Isopropyltoluene	13.37	119	442783	20.284	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	226965	20.357	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	226600	20.528	ug/l	99
89) n-Butylbenzene	13.69	91	427315	20.811	ug/l	99
90) Hexachloroethane	13.95	117	85257	21.446	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	203003	20.748	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15359	21.207	ug/l	96

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ClientSampleId :
VY0724SBS01

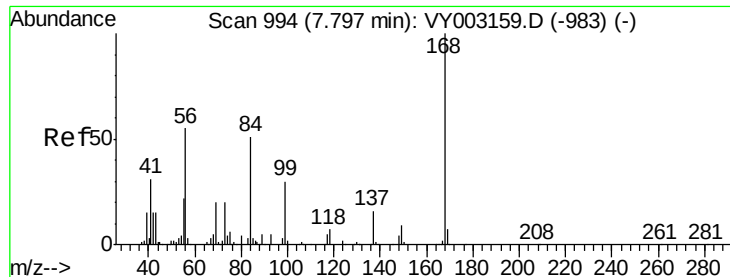
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	148486	21.332	ug/l	99
94) Hexachlorobutadiene	15.11	225	97141	20.367	ug/l	99
95) Naphthalene	15.23	128	247773	21.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	119759	21.765	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tot Ion:168 Resp: 499304

Ion Ratio Lower Upper

168 100

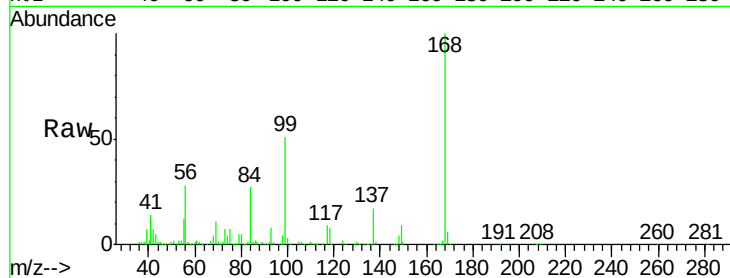
99 50.7 37.3 55.9

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

250000

200000

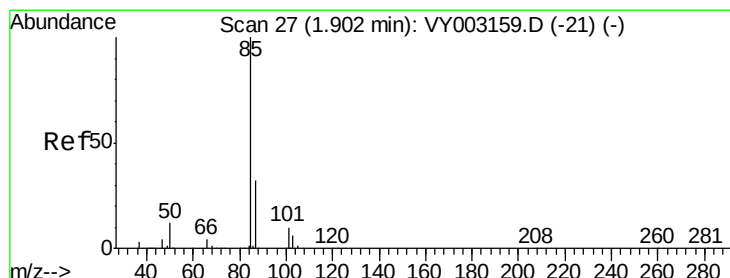
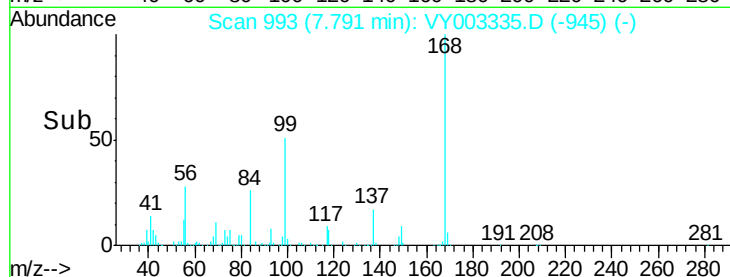
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.073 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003335.D

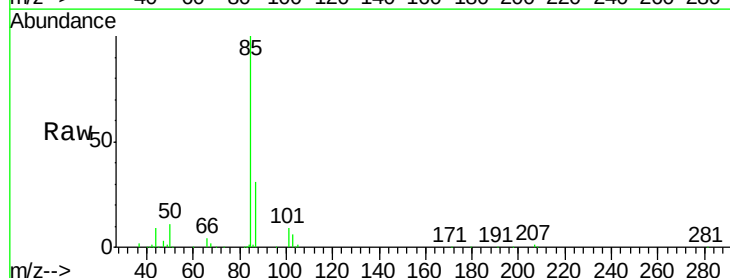
Acq: 24 Jul 2020 16:26

Tgt Ion: 85 Resp: 78991

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

60000

50000

40000

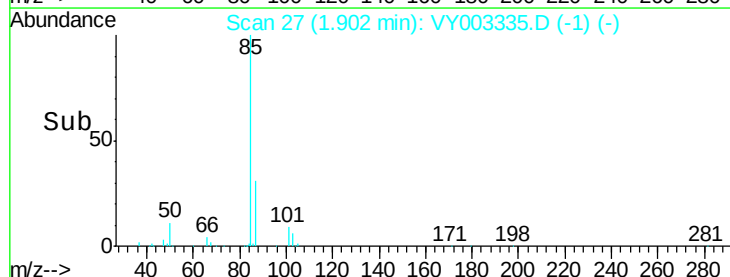
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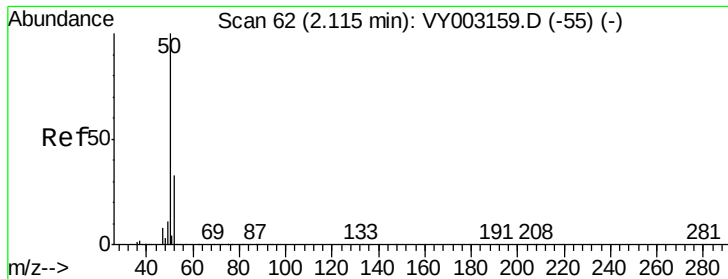
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.728 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 50 Resp: 97930

Ion Ratio Lower Upper

50 100

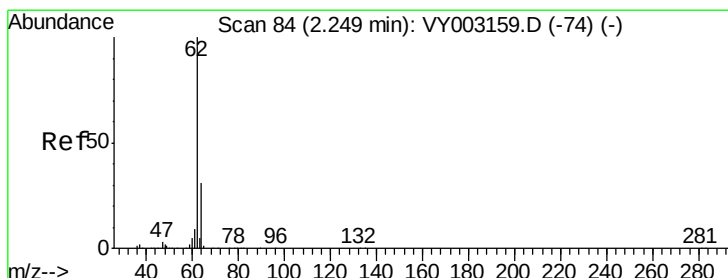
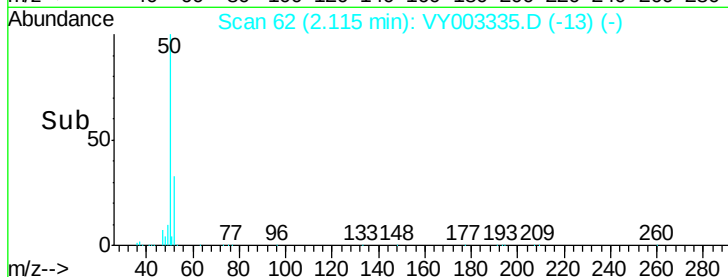
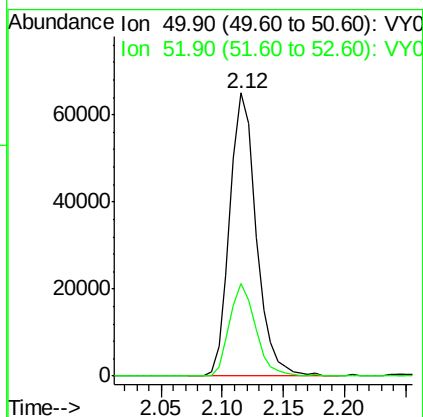
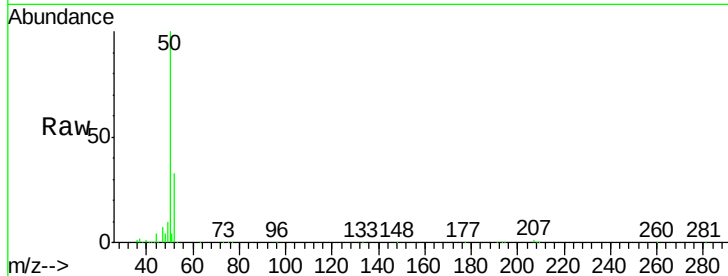
52 32.9 26.6 39.8

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#4

Vinyl Chloride

Concen: 20.894 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003335.D

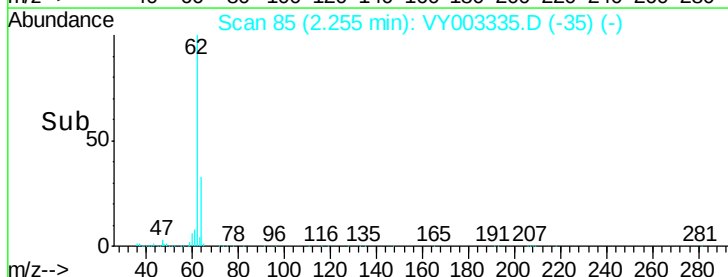
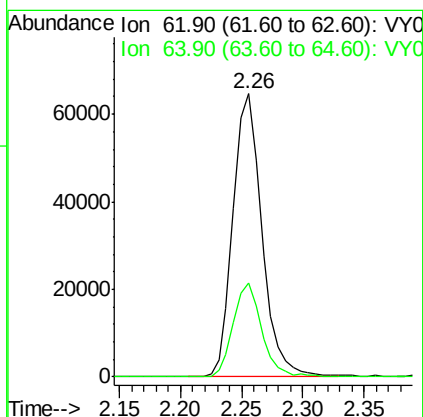
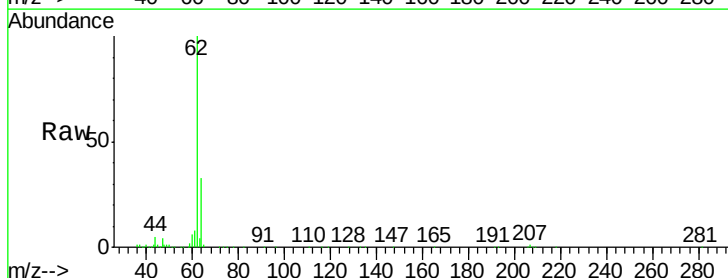
Acq: 24 Jul 2020 16:26

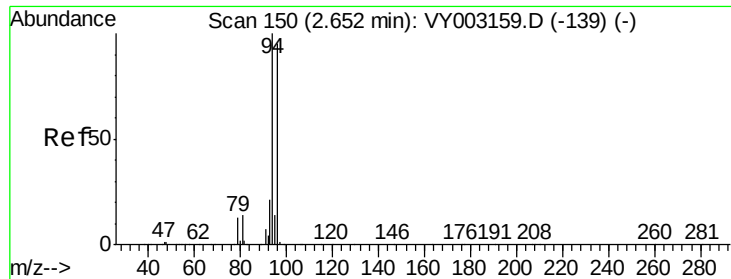
Tgt Ion: 62 Resp: 106412

Ion Ratio Lower Upper

62 100

64 33.1 24.6 37.0





#5

Bromomethane

Concen: 21.494 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 94 Resp: 81312

Ion Ratio Lower Upper

94 100

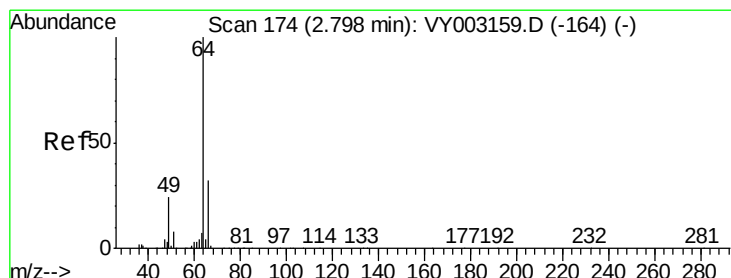
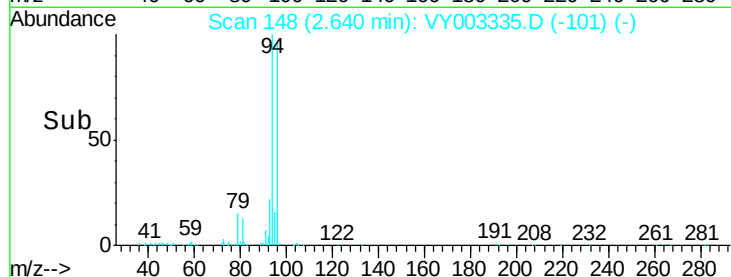
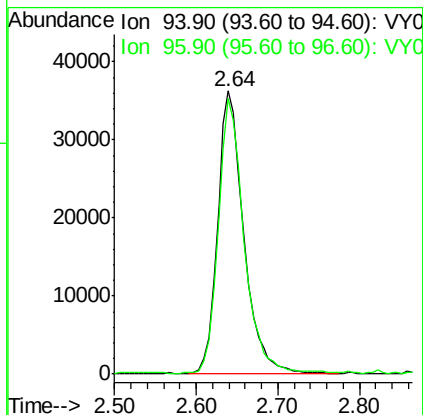
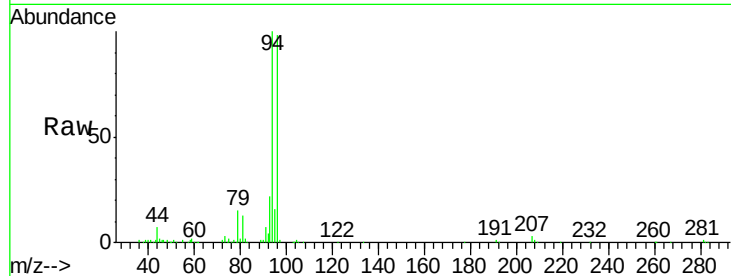
96 97.1 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 20.081 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003335.D

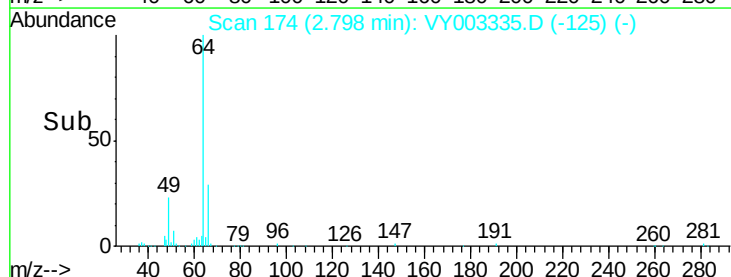
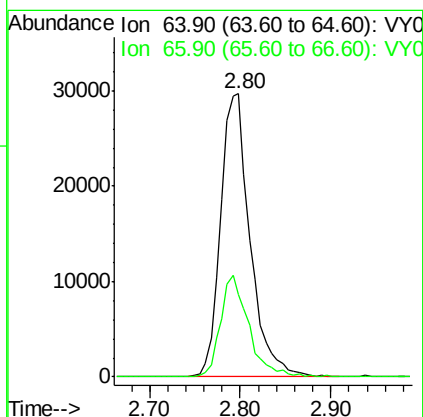
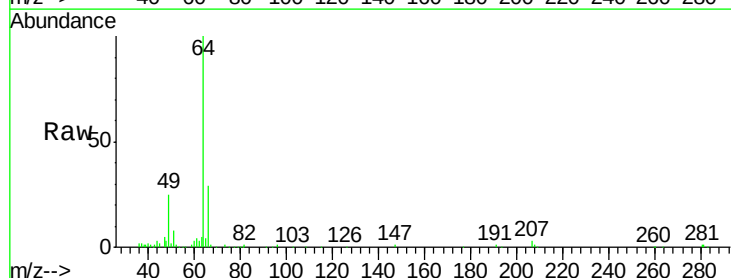
Acq: 24 Jul 2020 16:26

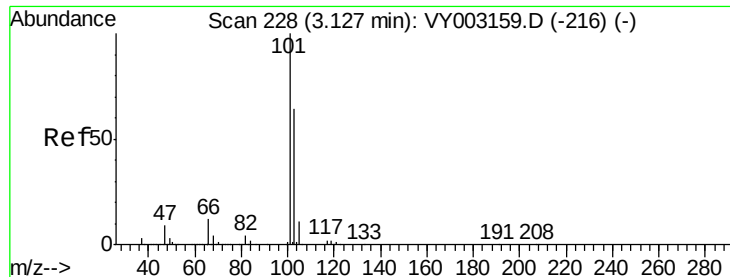
Tgt Ion: 64 Resp: 67173

Ion Ratio Lower Upper

64 100

66 29.0 26.0 39.0





#7

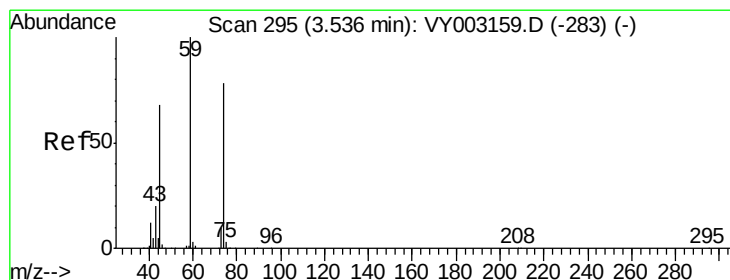
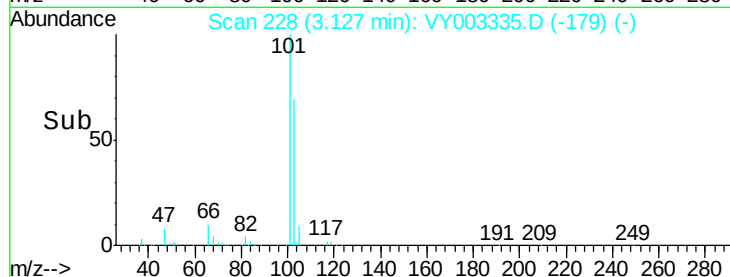
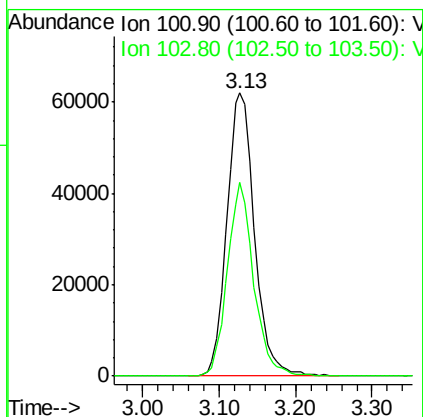
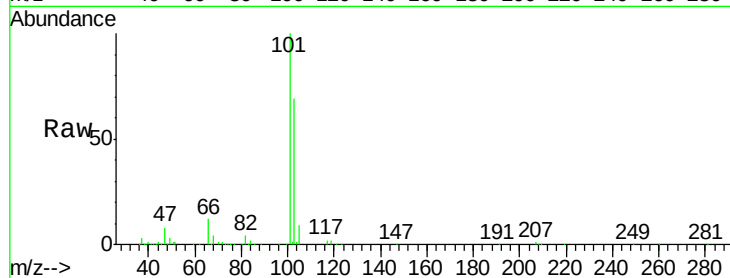
Trichlorofluoromethane
Concen: 21.228 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
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ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.7	51.3	76.9

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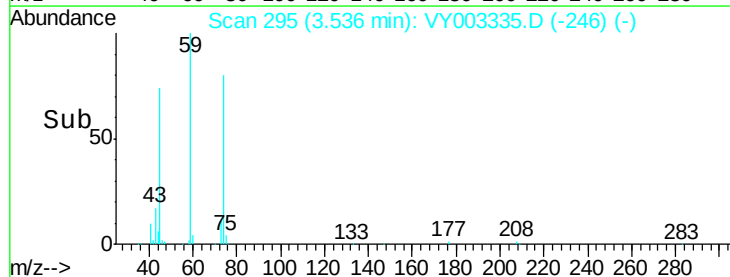
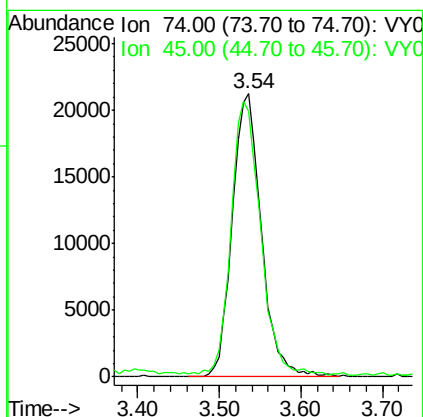
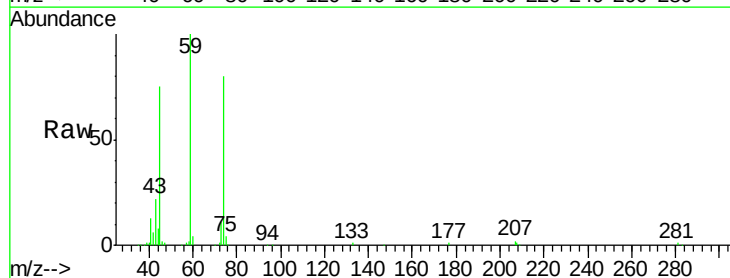
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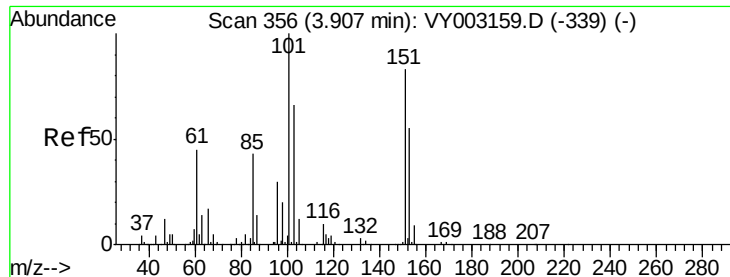


#8

Diethyl Ether
Concen: 21.357 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.223 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

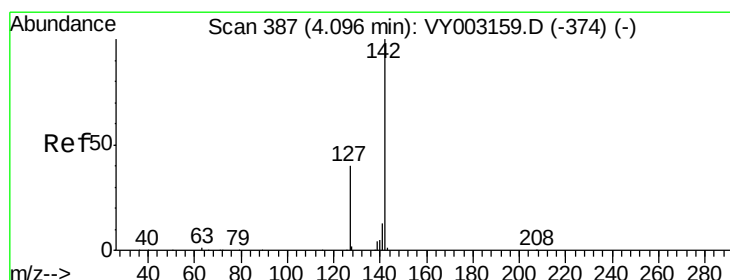
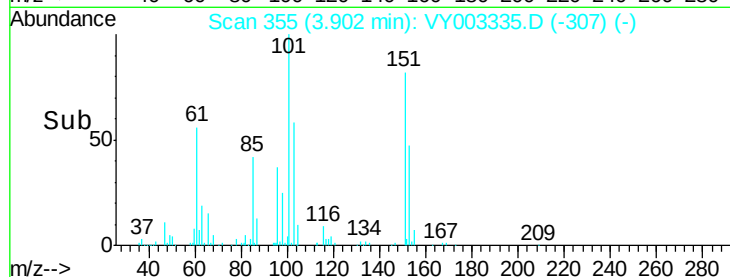
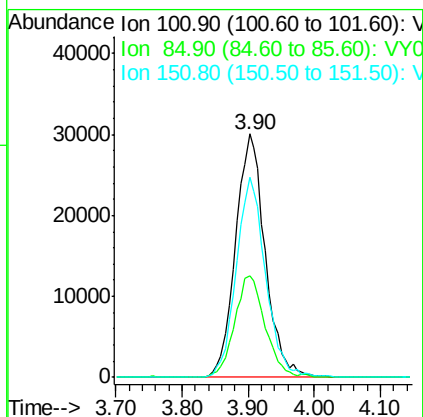
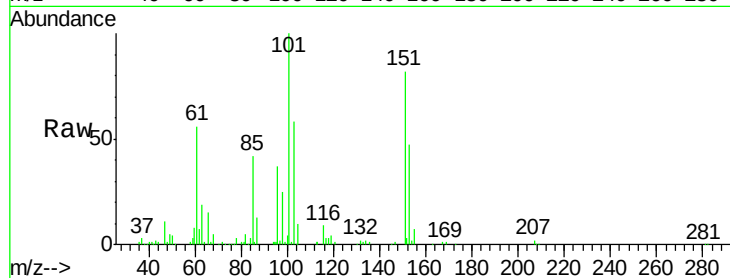
ClientSampleId :

VY0724SBS01

Tot Ion:	101	Resp:	93226
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.9	52.3
151	81.7	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 19.789 ug/l

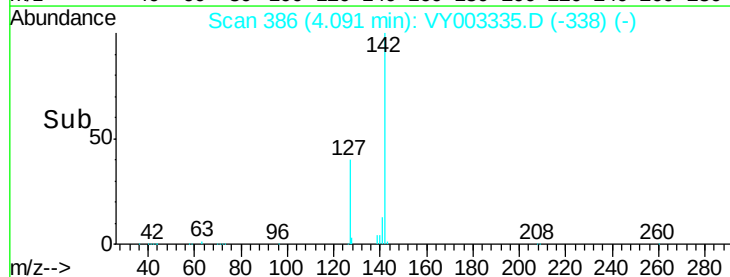
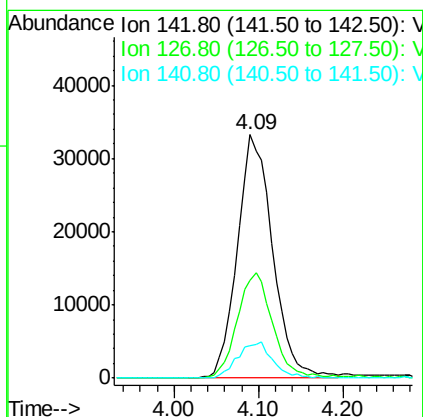
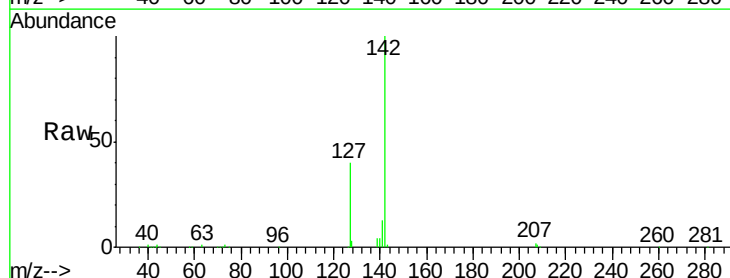
RT: 4.09 min Scan# 386

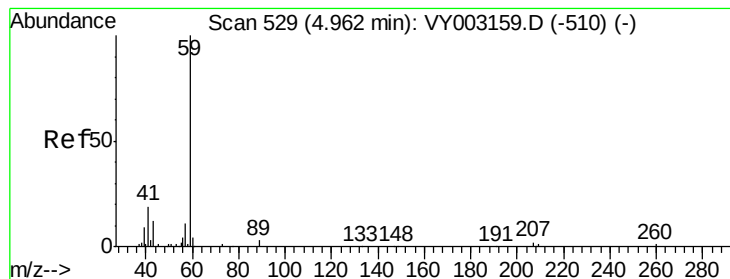
Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Tgt Ion:	142	Resp:	94442
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.5	50.3
141	14.5	11.2	16.8





#11

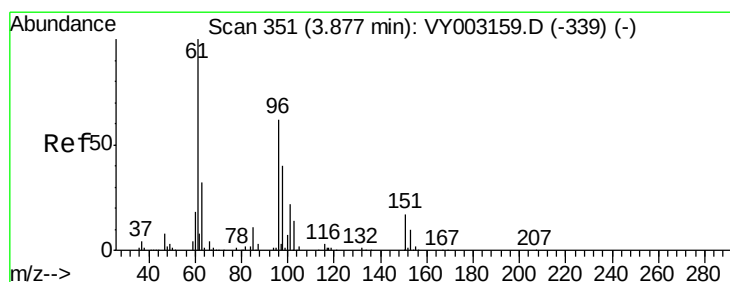
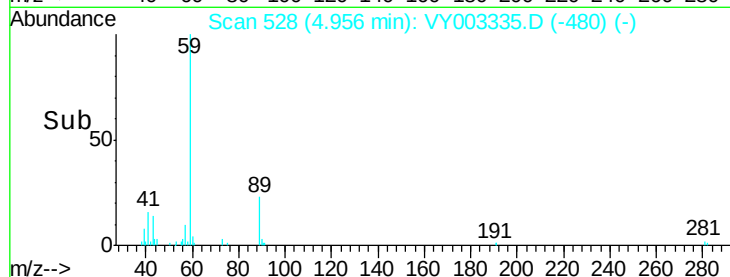
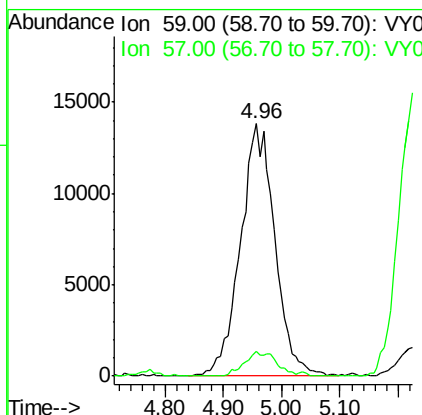
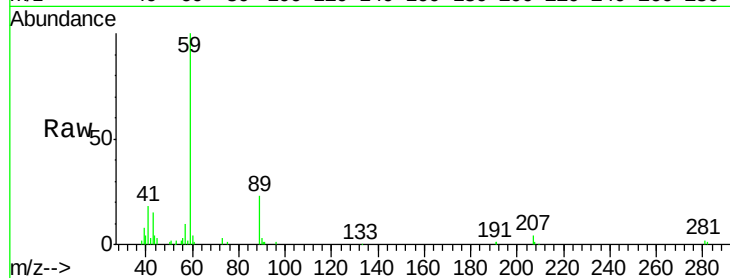
Tert butyl alcohol
Concen: 124.569 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.4	12.6#

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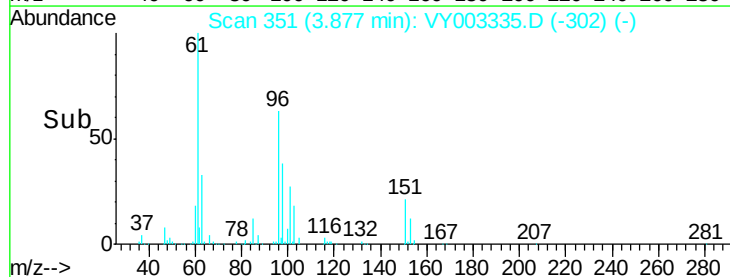
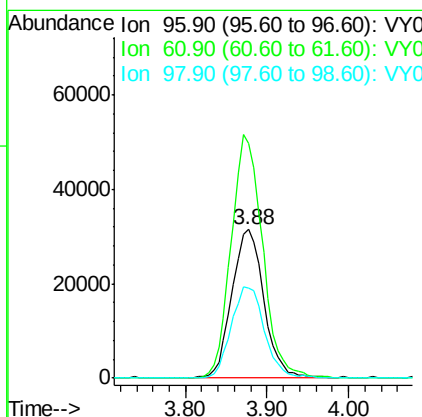
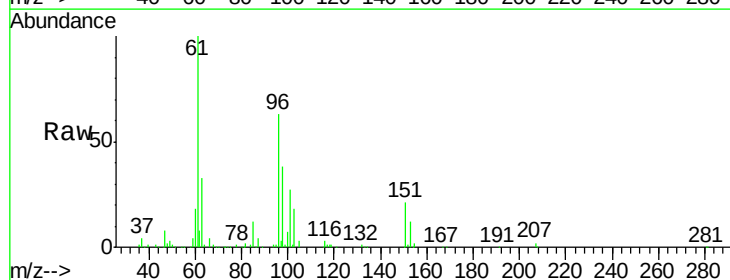
MMDadoda
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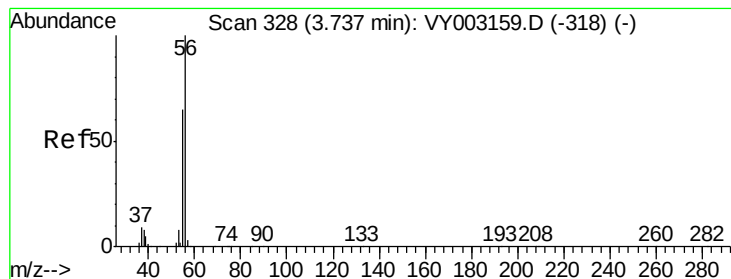


#12

1,1-Dichloroethene
Concen: 20.722 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	128.6	193.0
98	60.4	51.6	77.4





#13

Acrolein

Concen: 69.263 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 56 Resp: 27396

Ion Ratio Lower Upper

56 100

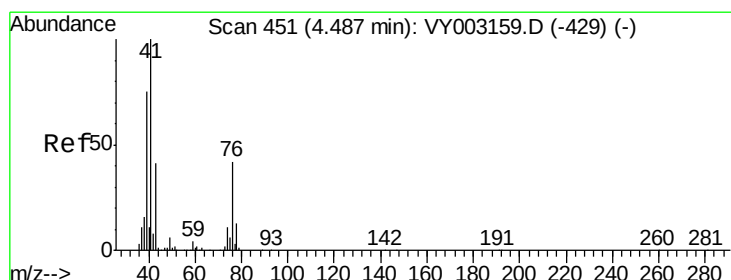
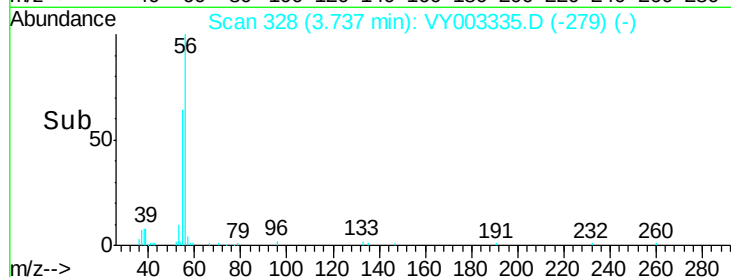
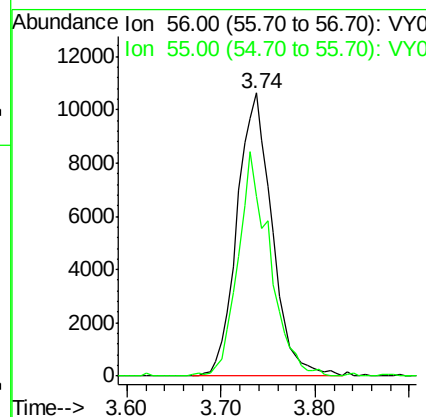
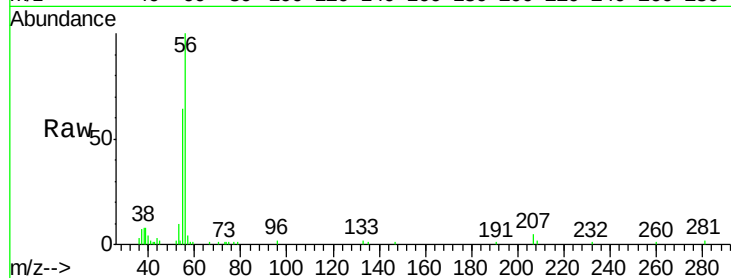
55 72.3 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 22.053 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

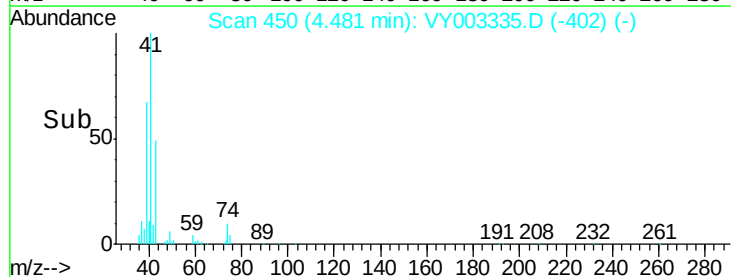
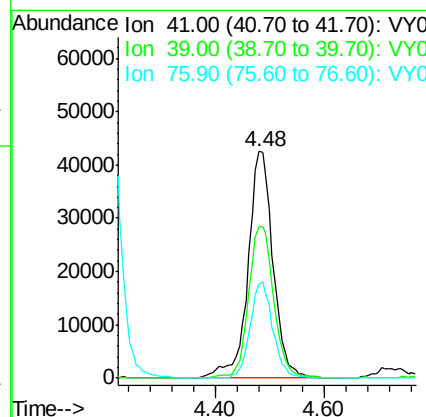
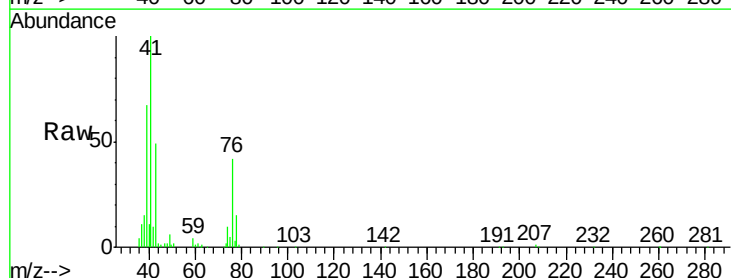
Tgt Ion: 41 Resp: 135963

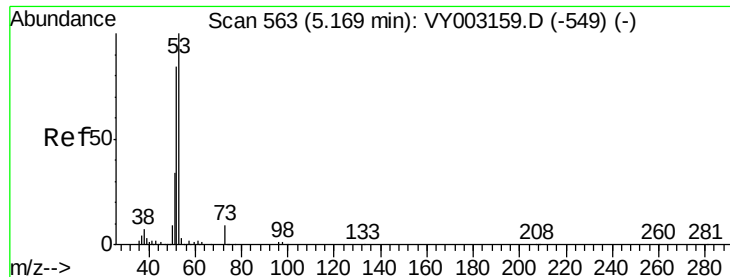
Ion Ratio Lower Upper

41 100

39 67.7 56.6 85.0

76 38.5 31.6 47.4





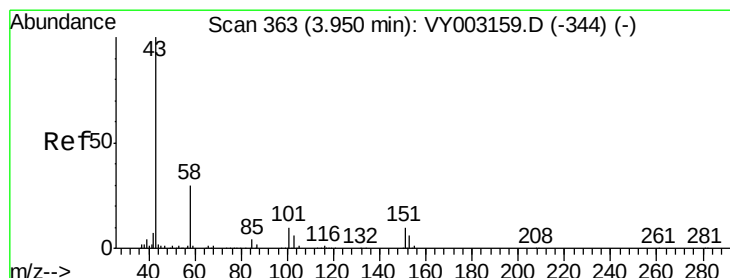
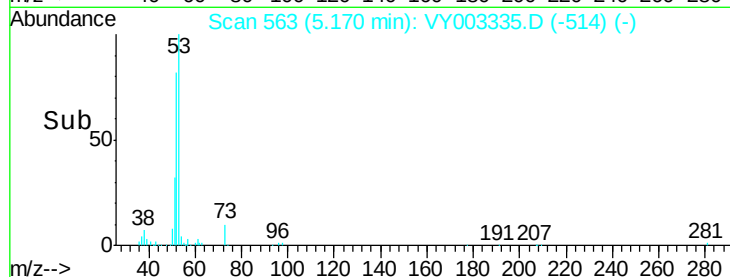
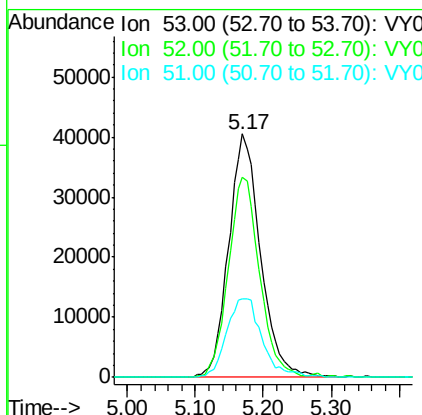
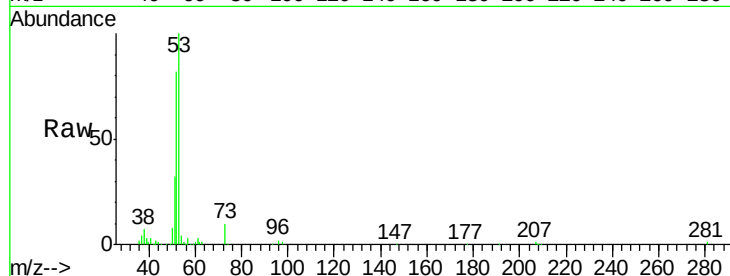
#15
 Acrylonitrile
 Concen: 112.359 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Tot Ion	53	Resp	131546
Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.8	98.6
51	35.9	29.0	43.4

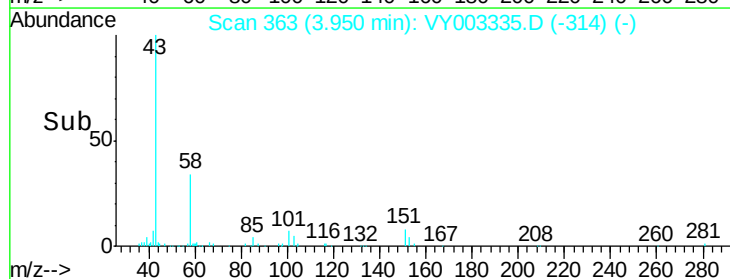
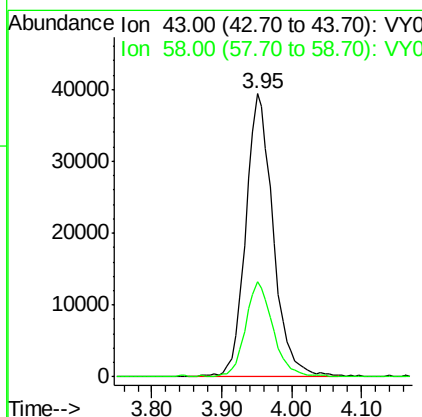
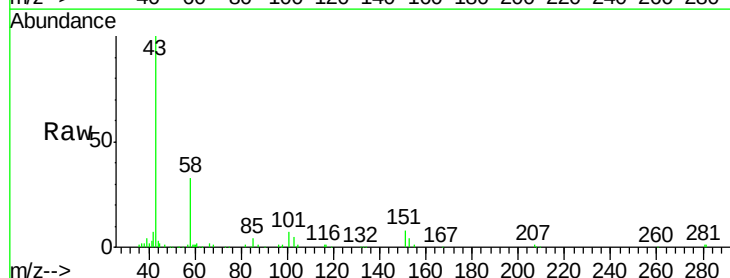
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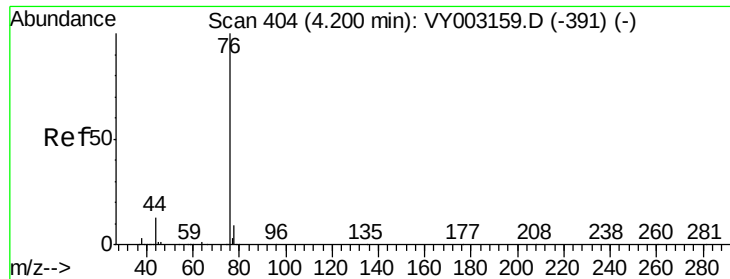
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#16
 Acetone
 Concen: 114.279 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Tgt Ion	43	Resp	107576
Ion	Ratio	Lower	Upper
43	100		
58	33.5	23.8	35.6





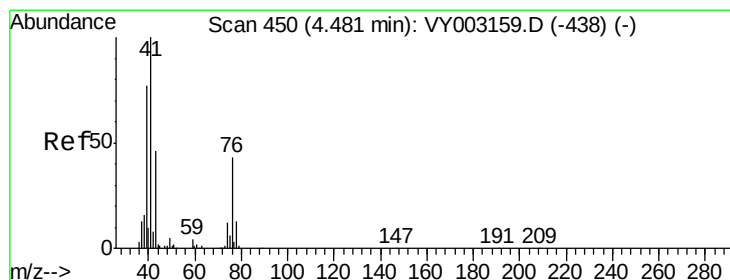
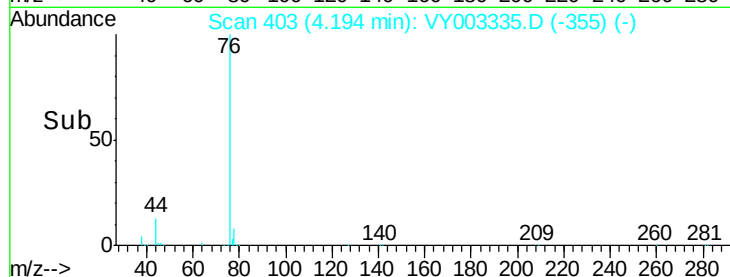
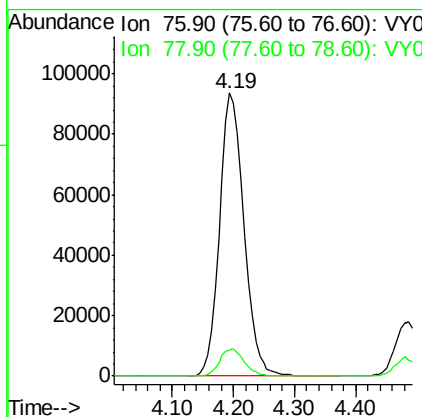
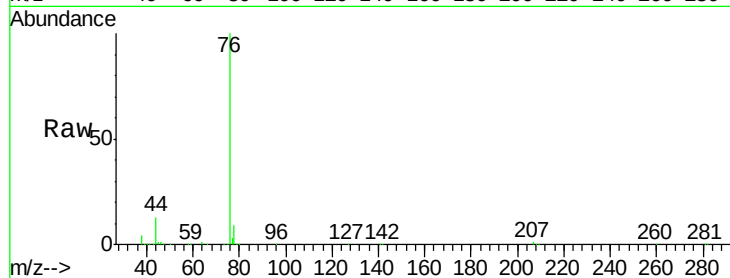
#17
Carbon Disulfide
Concen: 20.299 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

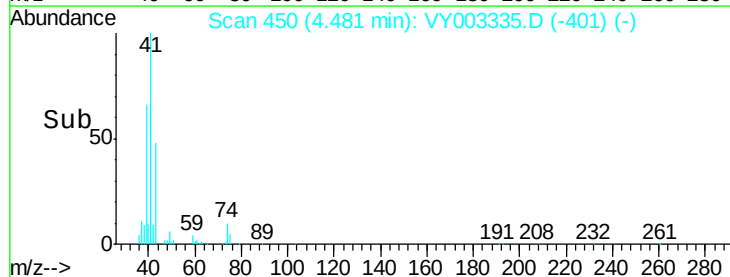
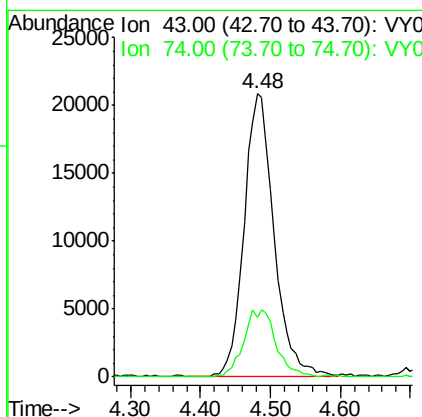
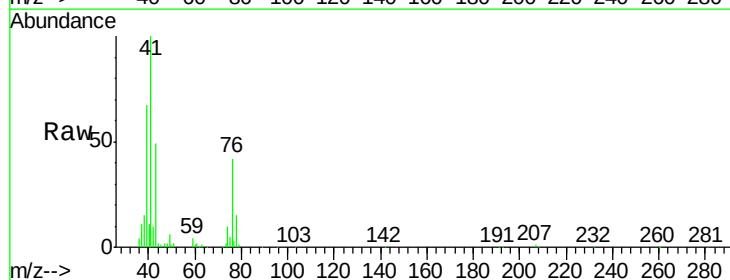
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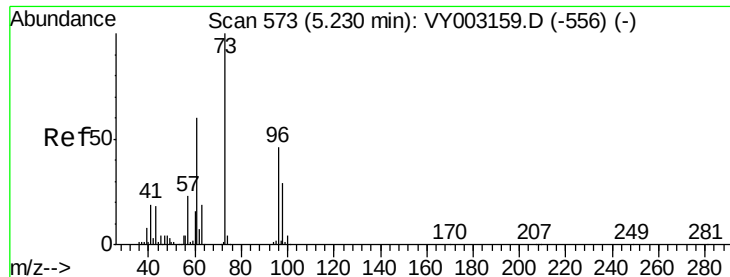
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#18
Methyl Acetate
Concen: 23.774 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.8	31.2





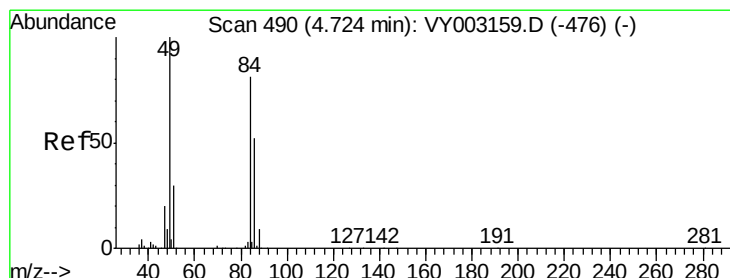
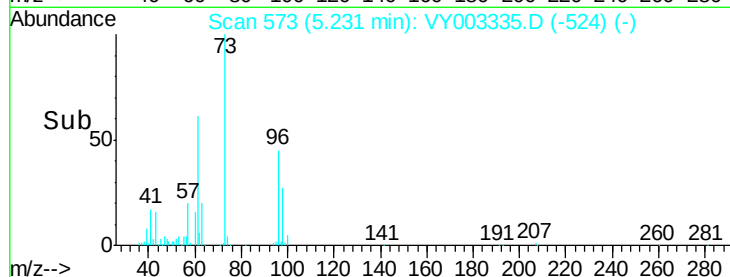
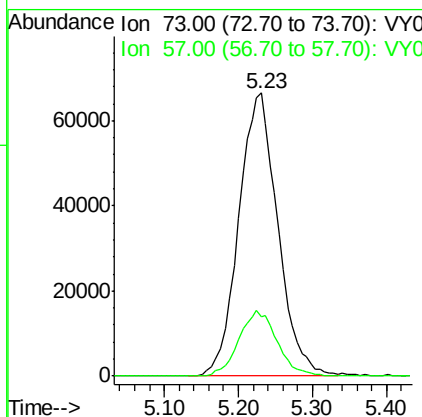
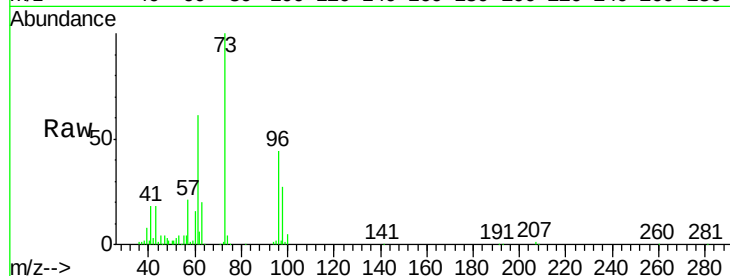
#19
Methyl tert-butyl Ether
Concen: 20.885 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion: 73 Resp: 243172
Ion Ratio Lower Upper
73 100
57 20.8 18.1 27.1

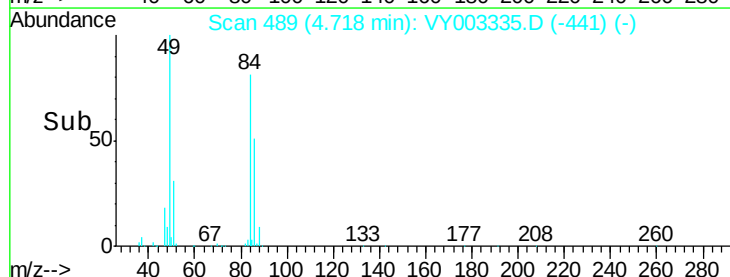
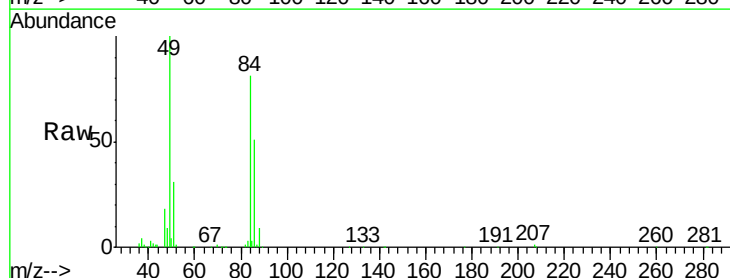
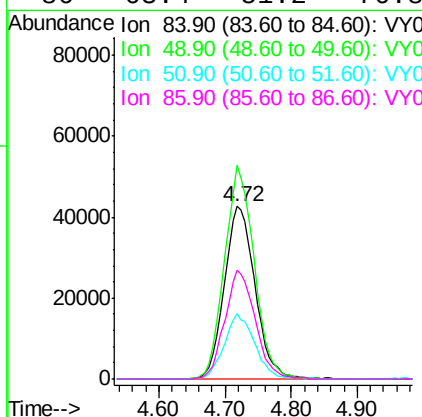
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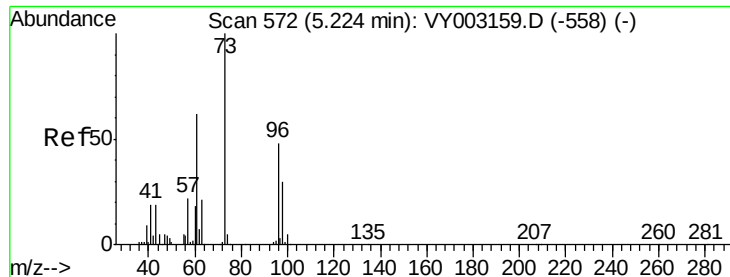
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#20
Methylene Chloride
Concen: 26.315 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion: 84 Resp: 136963
Ion Ratio Lower Upper
84 100
49 123.7 98.2 147.4
51 38.2 29.8 44.6
86 63.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.335 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 96 Resp: 95561

Ion Ratio Lower Upper

96 100

61 135.7 102.5 153.7

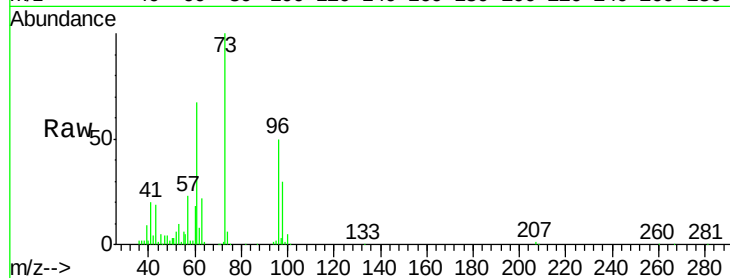
98 59.7 49.8 74.8

Manual Integrations

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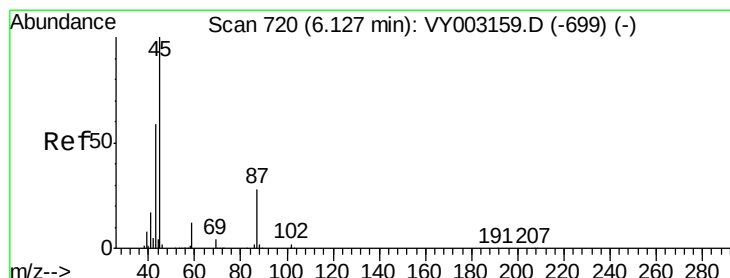
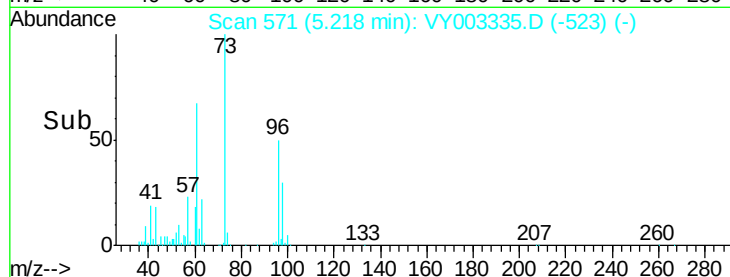
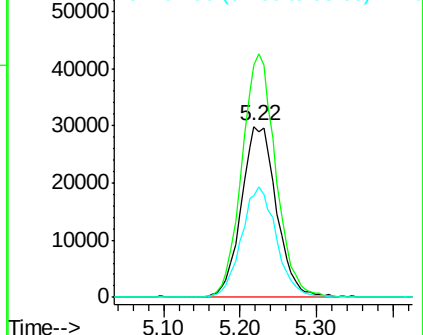
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Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.897 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Tgt Ion: 45 Resp: 299617

Ion Ratio Lower Upper

45 100

43 58.4 47.0 70.4

87 27.3 22.6 33.8

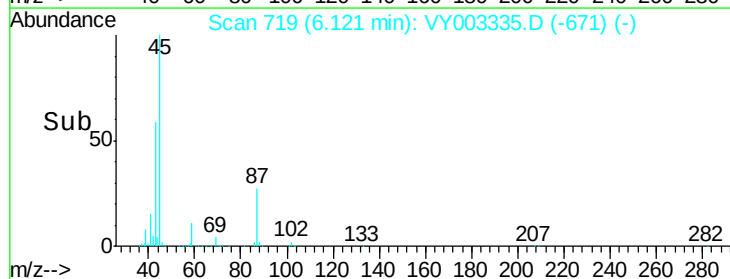
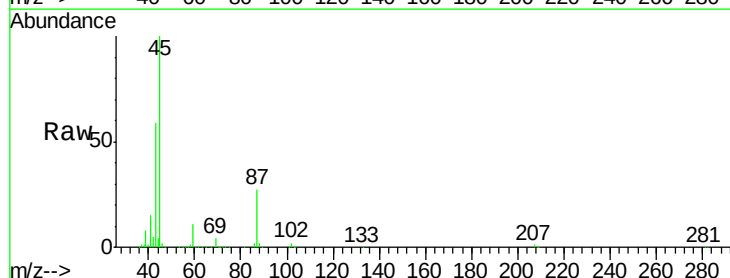
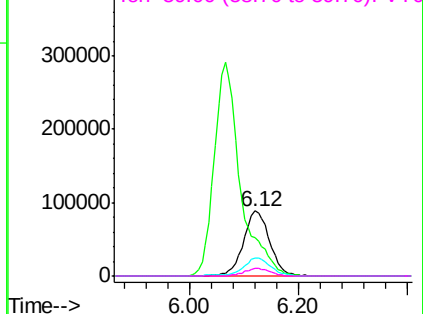
59 11.3 9.8 14.6

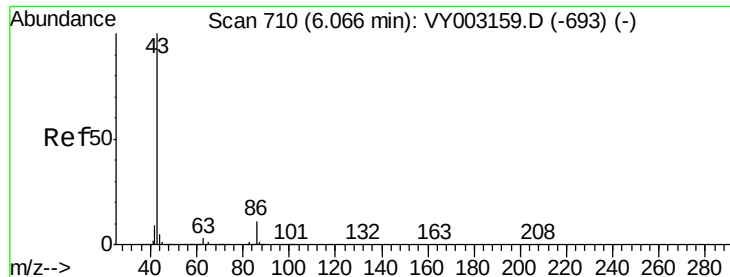
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 106.703 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 43 Resp: 973116

Ion Ratio Lower Upper

43 100

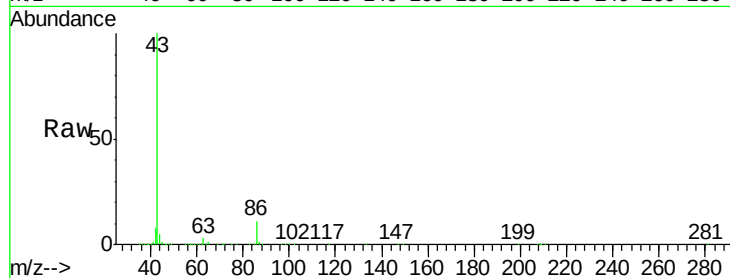
86 10.6 8.8 13.2

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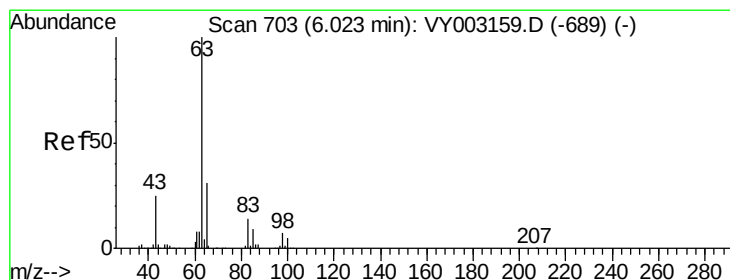
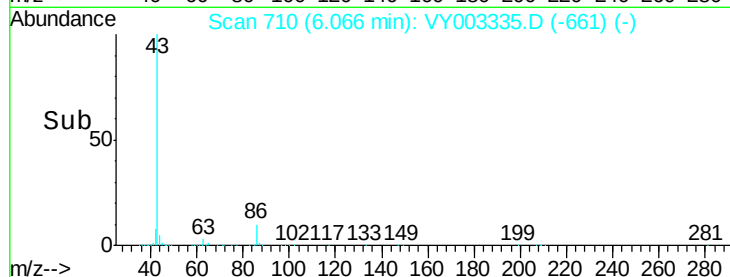
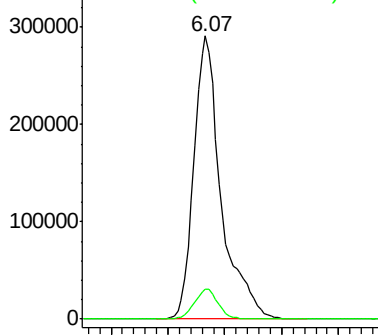
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.414 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

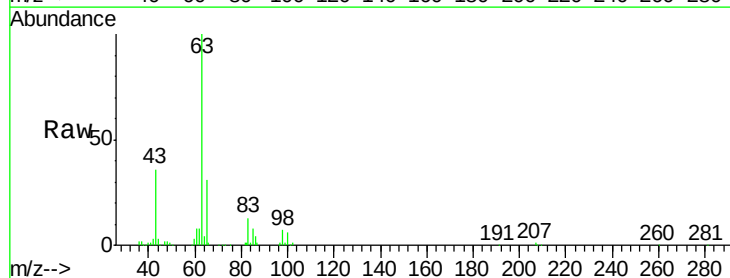
Tgt Ion: 63 Resp: 169753

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

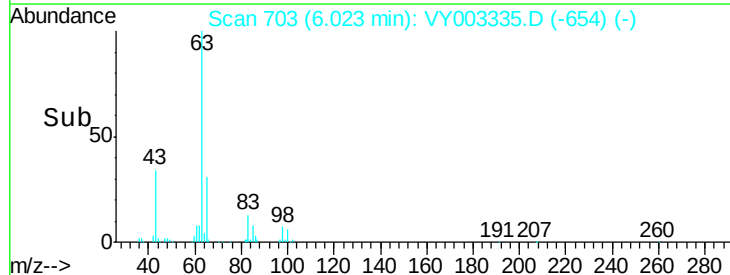
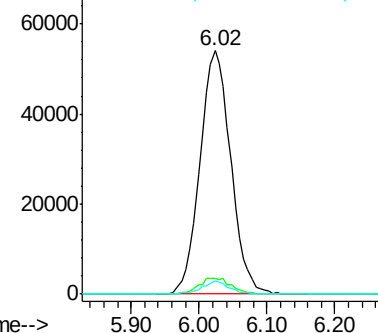
100 5.6 2.4 7.2

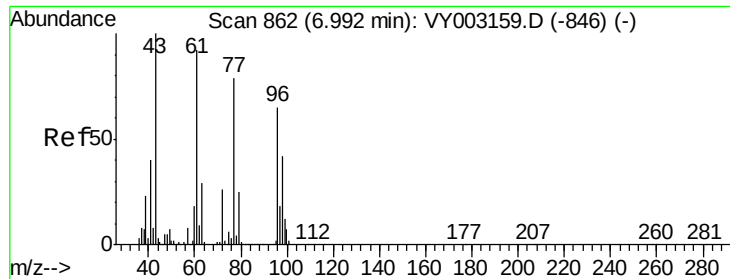


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 110.901 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 43 Resp: 171410

Ion Ratio Lower Upper

43 100

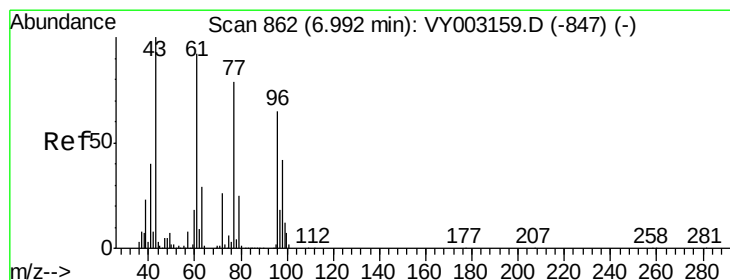
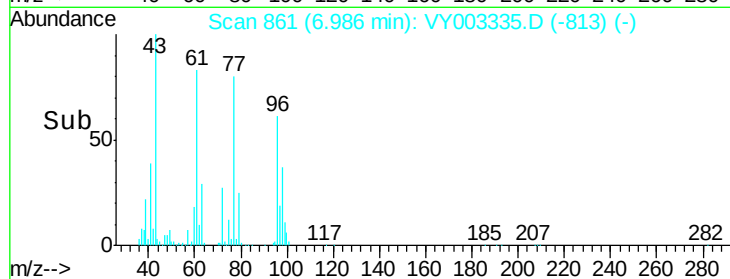
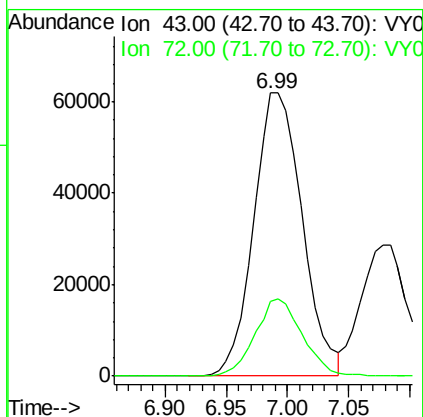
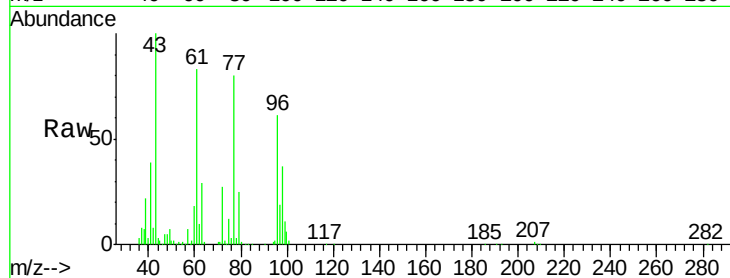
72 26.6 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.319 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003335.D

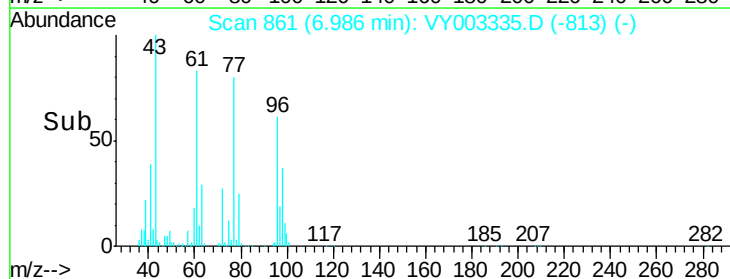
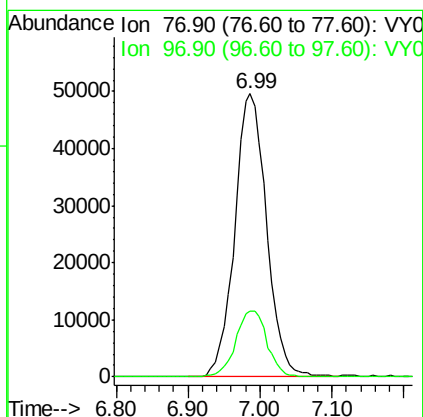
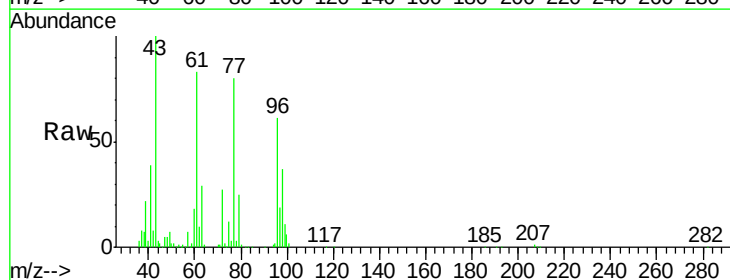
Acq: 24 Jul 2020 16:26

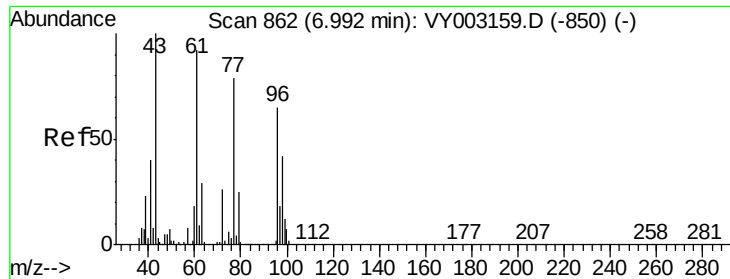
Tgt Ion: 77 Resp: 152198

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.7





#27

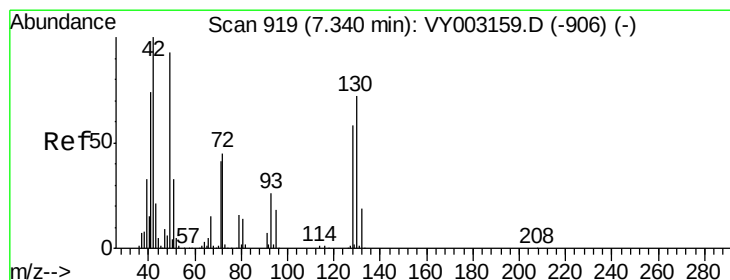
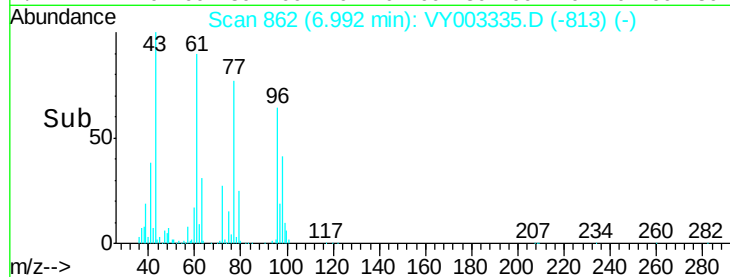
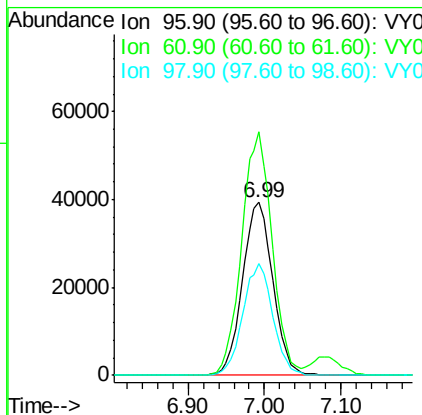
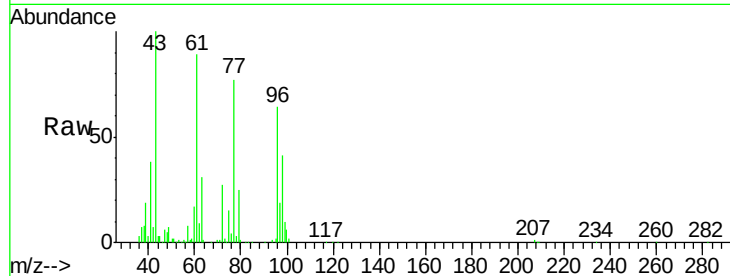
cis-1,2-Dichloroethene
Concen: 20.958 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	108438		
61	140.5		0.0	281.2
98	63.6		0.0	129.8

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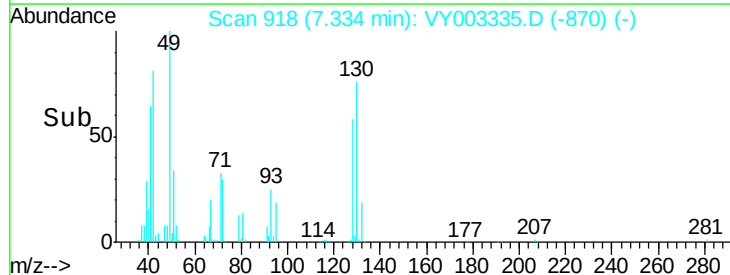
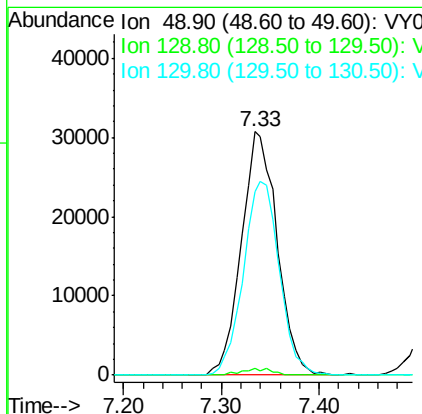
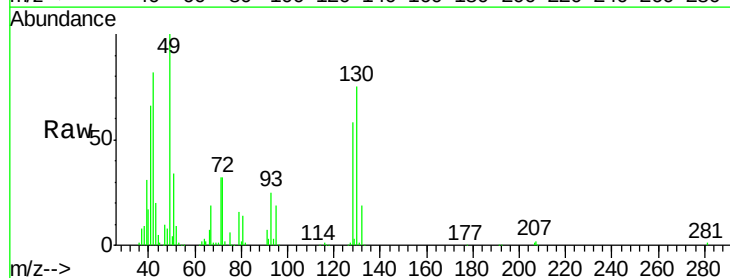
MMDadoda
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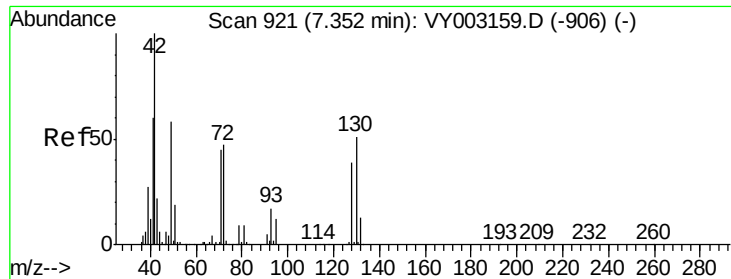


#28

Bromochloromethane
Concen: 22.719 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77973		
129	2.3		0.0	5.0
130	80.3		64.9	97.3





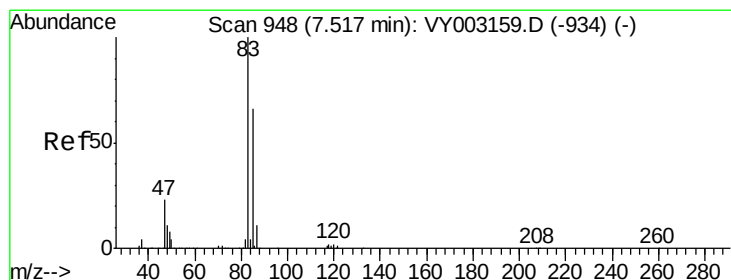
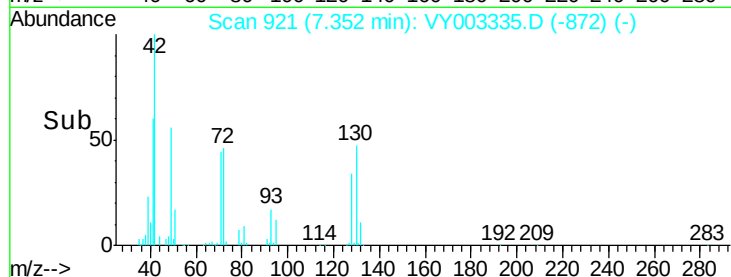
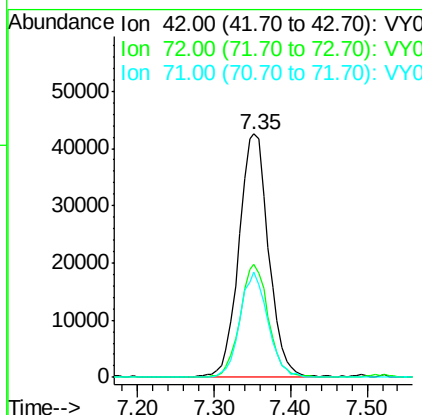
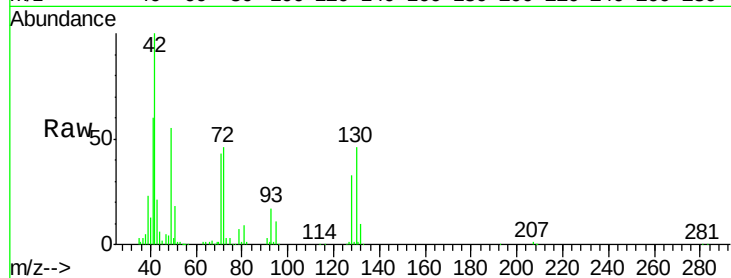
#29
Tetrahydrofuran
Concen: 110.647 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.7	55.1
71	40.6	34.2	51.4

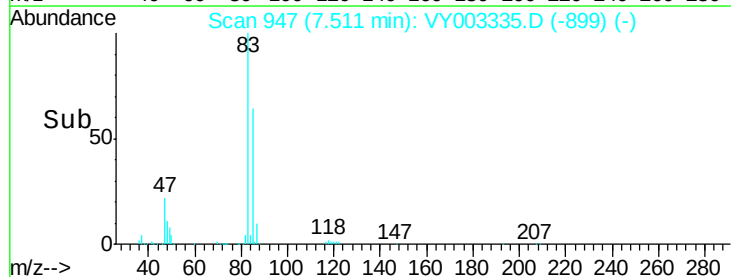
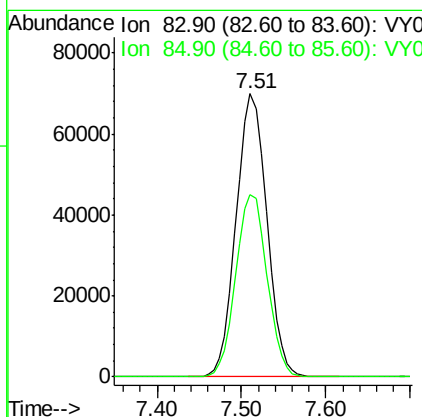
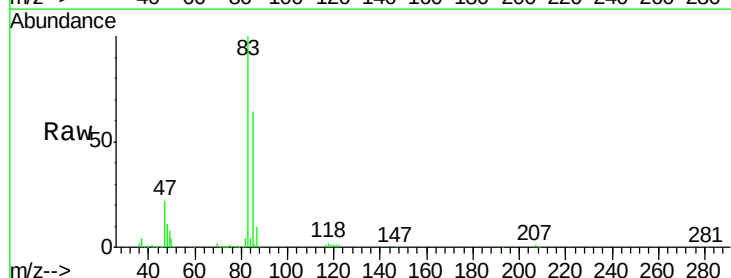
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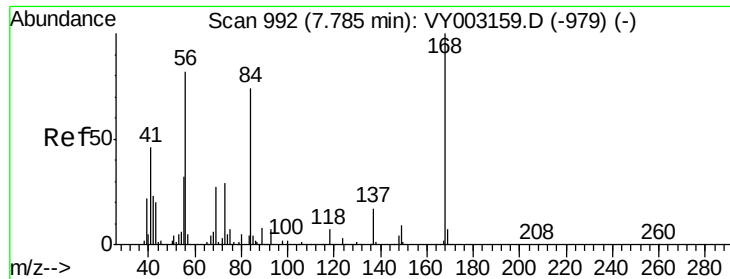
MMDadoda
7/27/2020 12:03:23 PM



#30
Chloroform
Concen: 21.161 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.6	78.8





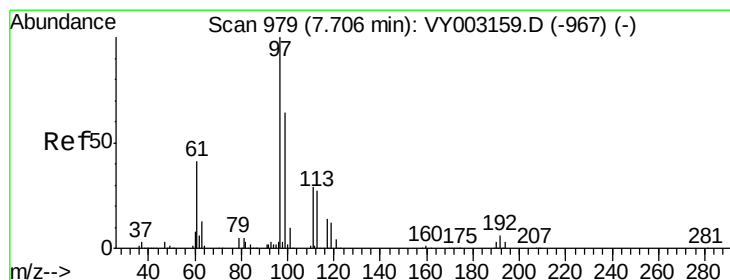
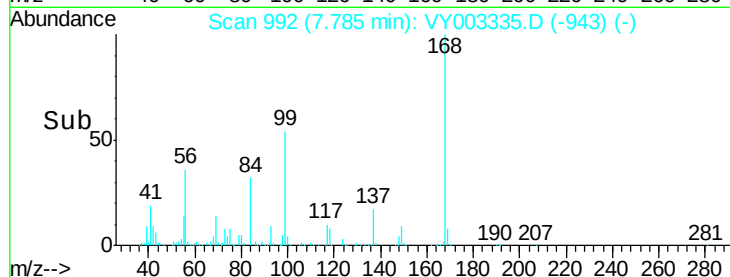
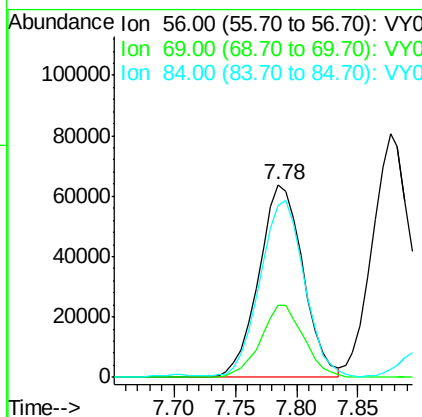
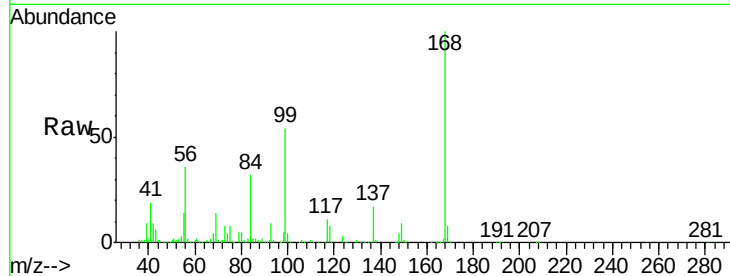
#31
Cyclohexane
Concen: 20.972 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	37.4	26.7	40.1	
84	88.2	72.3	108.5	

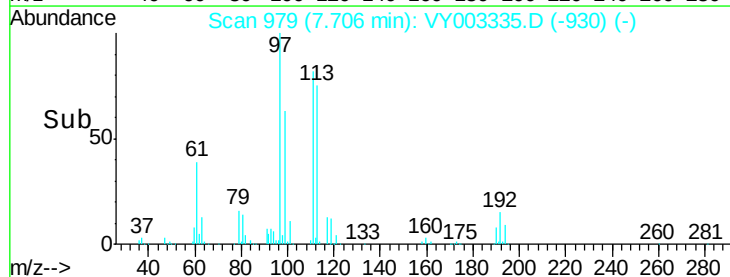
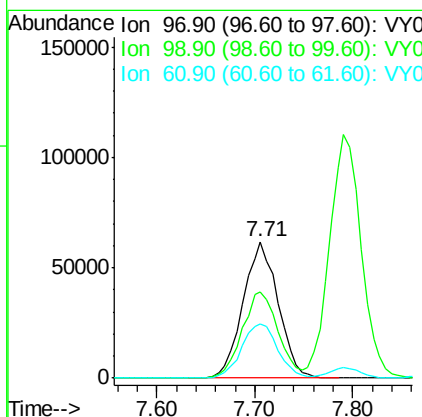
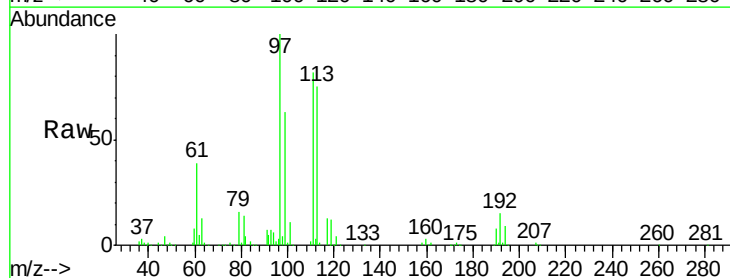
Manual Integrations
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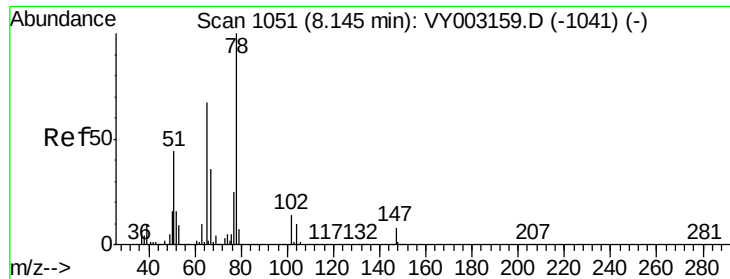
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.923 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.8	52.1	78.1	
61	41.0	33.9	50.9	





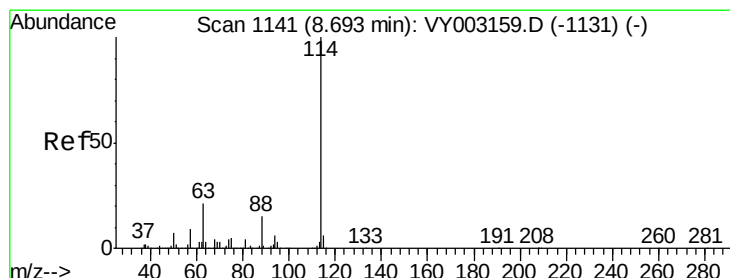
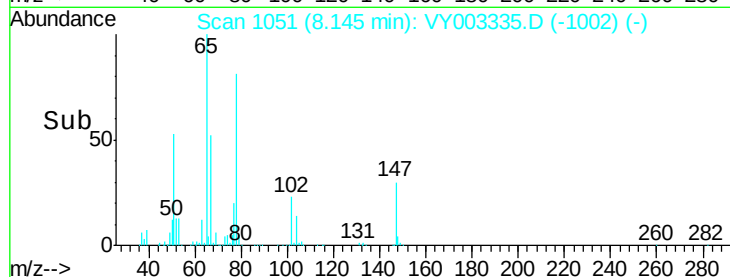
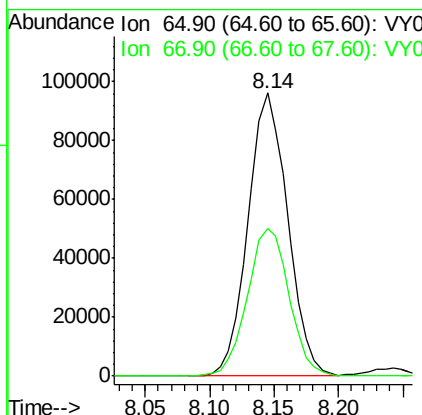
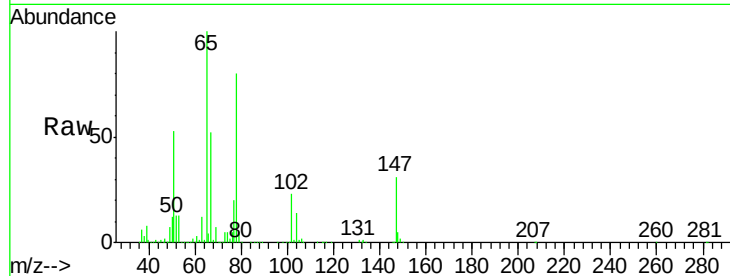
#33
 1,2-Dichloroethane-d4
 Concen: 48.695 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	205214		
67	54.9	0.0	105.2	

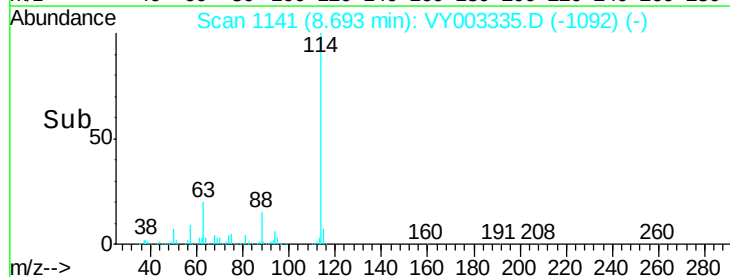
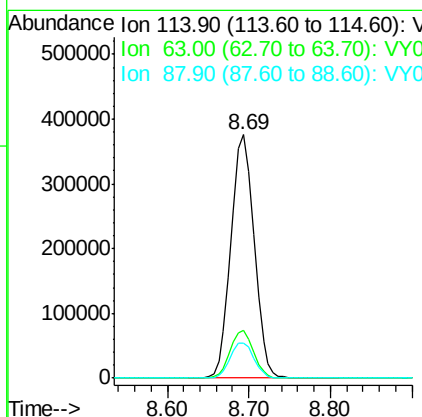
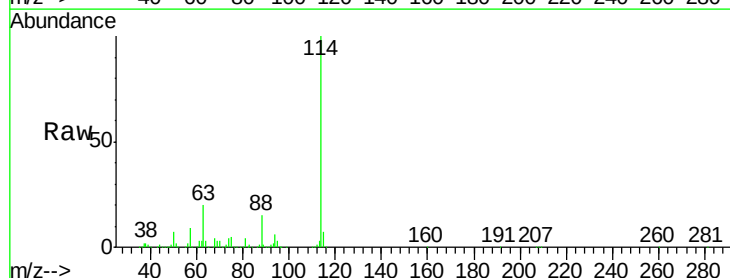
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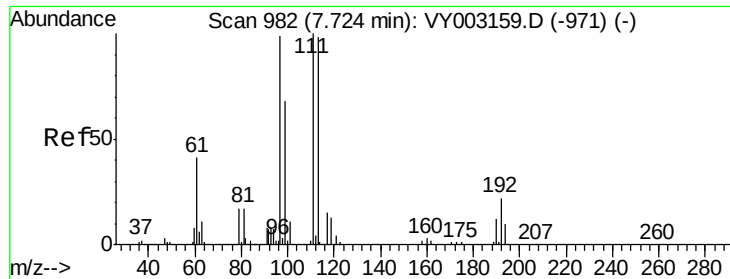
MMDadoda
 7/27/2020 12:03:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	737118		
63	19.7	0.0	41.2	
88	14.6	0.0	30.2	





#35

Dibromofluoromethane

Concen: 47.762 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

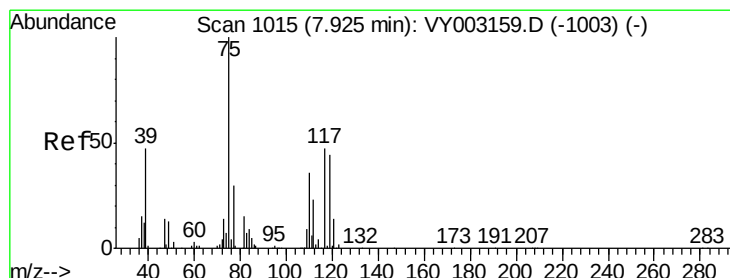
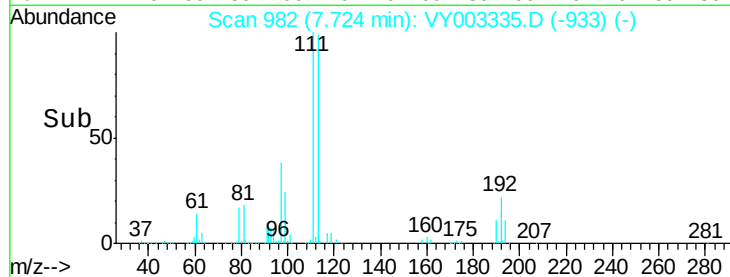
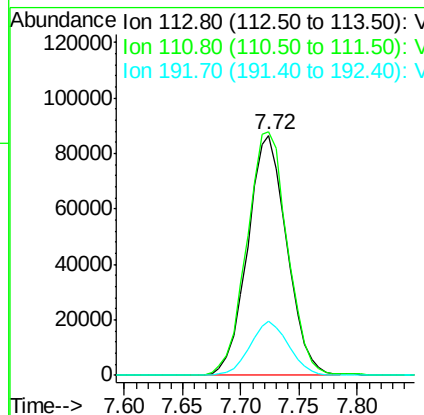
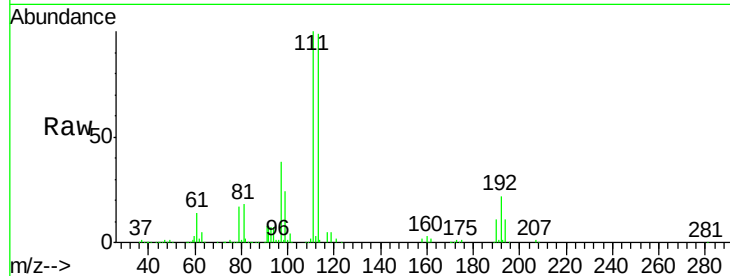
ClientSampleId :

VY0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	202602		
111	105.1	82.1	123.1	
192	22.3	18.8	28.2	

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7/27/2020 12:03:23 PM



#36

1,1-Dichloropropene

Concen: 20.305 ug/l

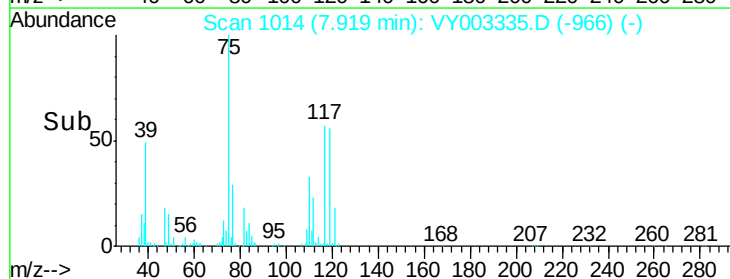
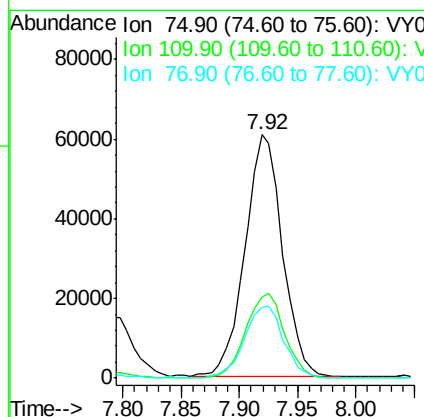
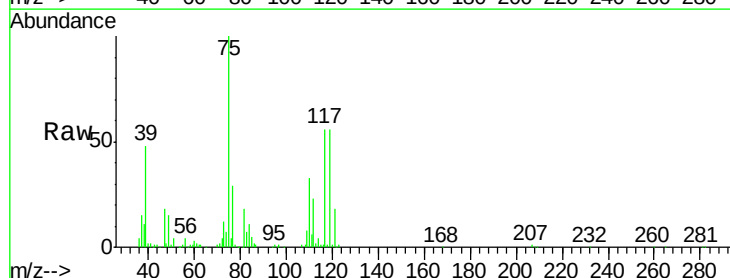
RT: 7.92 min Scan# 1014

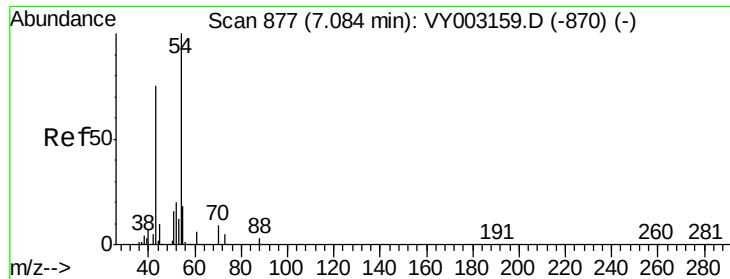
Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	135654		
110	36.3	18.1	54.1	
77	31.2	24.8	37.2	





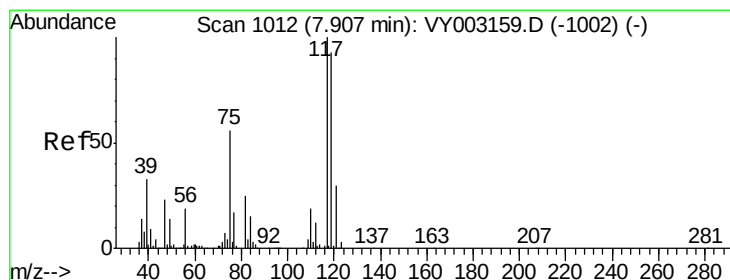
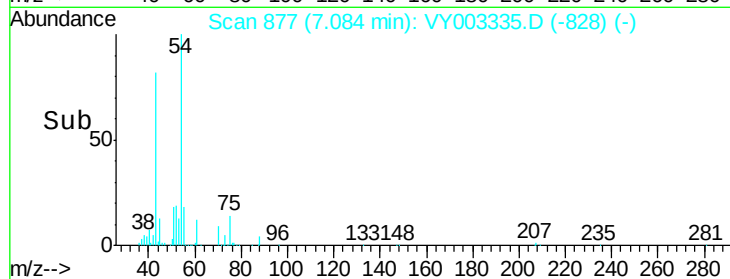
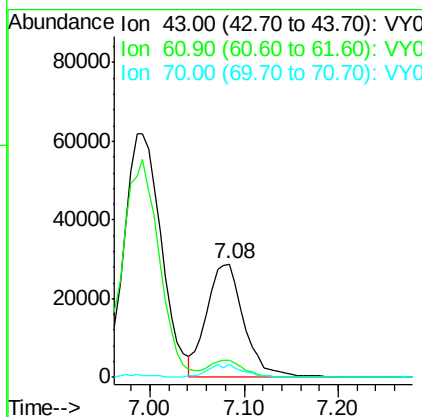
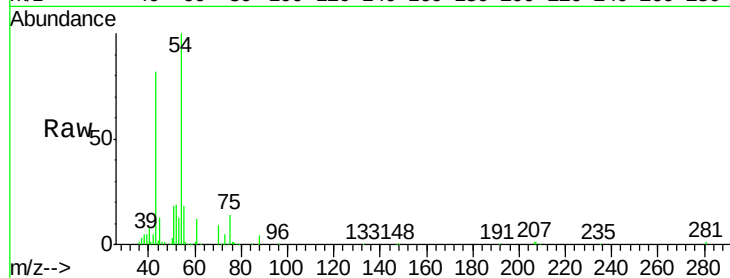
#37
Ethyl Acetate
Concen: 21.727 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.8	17.6
70	10.4	8.6	13.0

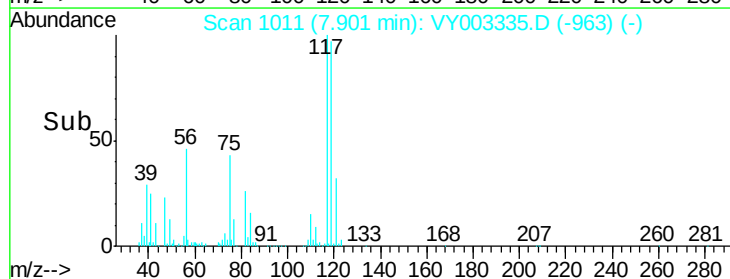
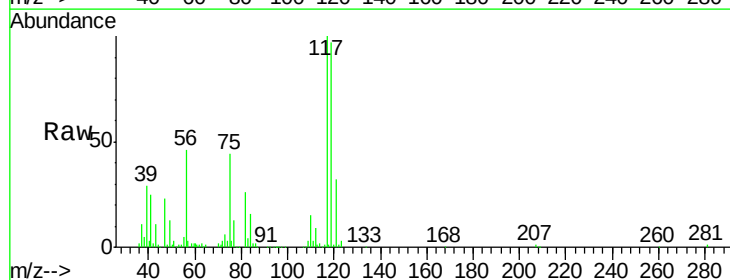
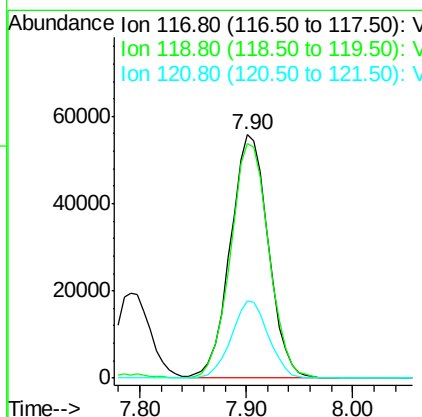
Manual Integrations
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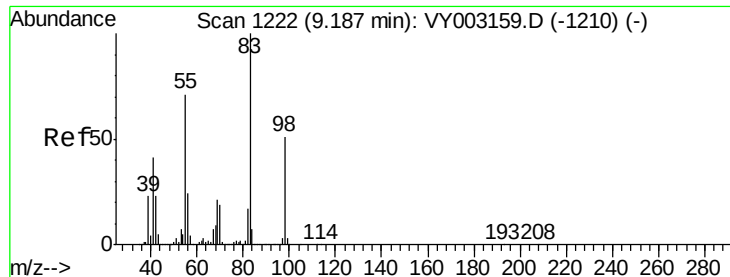
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#38
Carbon Tetrachloride
Concen: 20.194 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.5	111.7
121	31.7	24.2	36.2





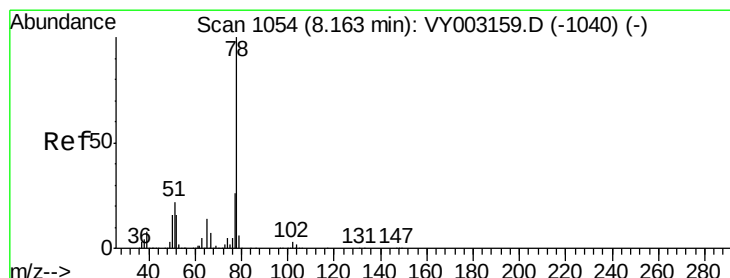
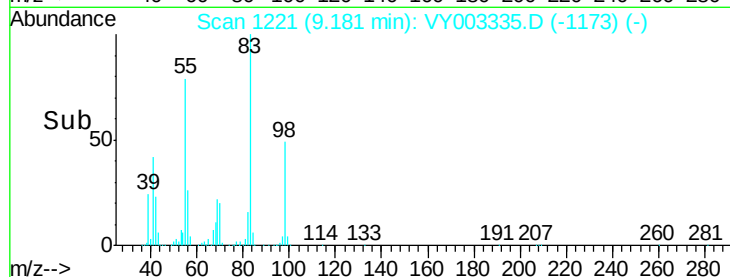
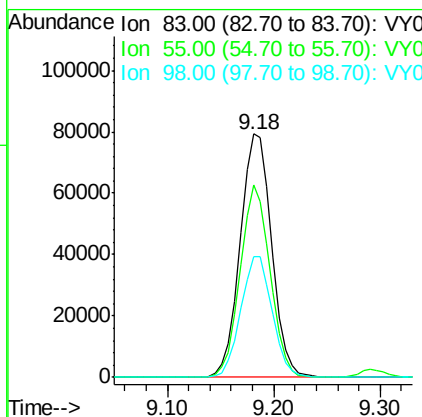
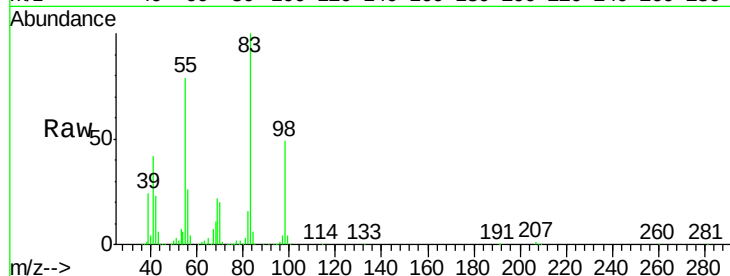
#39
Methylvlcyclohexane
Concen: 19.669 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	57.2	85.8
98	49.5	41.0	61.6

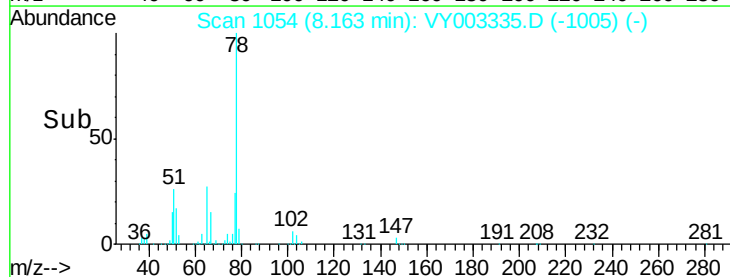
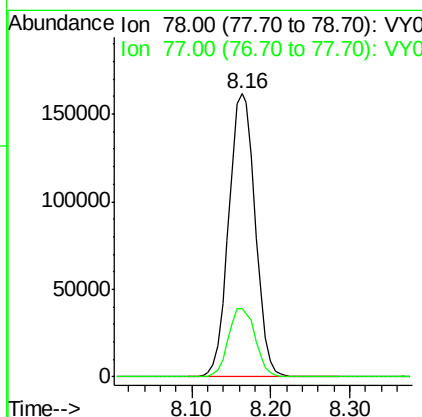
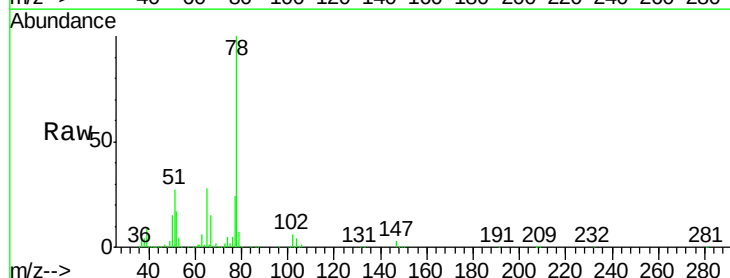
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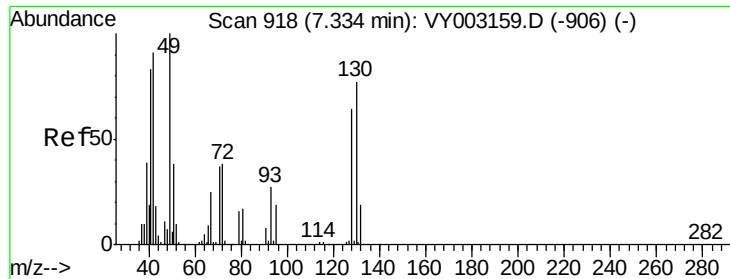
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#40
Benzene
Concen: 20.479 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	20.7	31.1





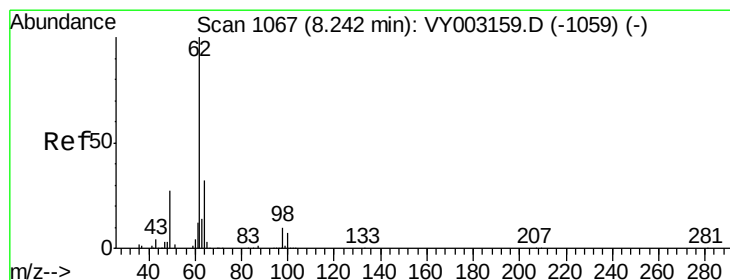
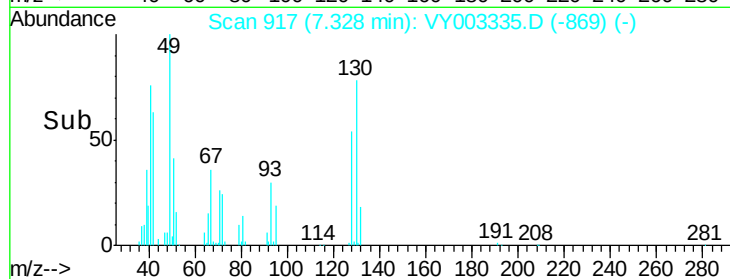
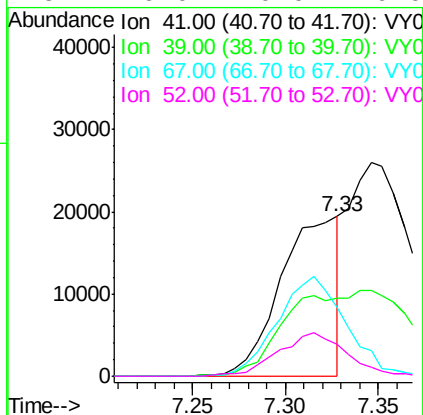
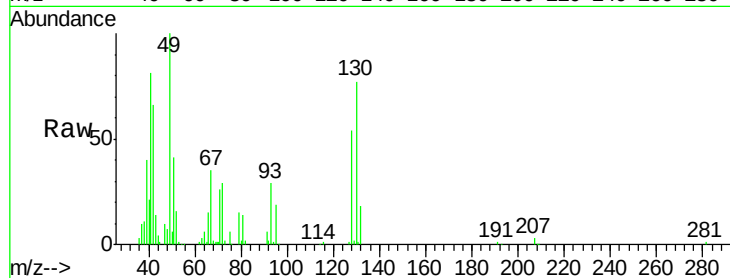
#41
Methacrylonitrile
Concen: 19.698 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	41	Resp	42683
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

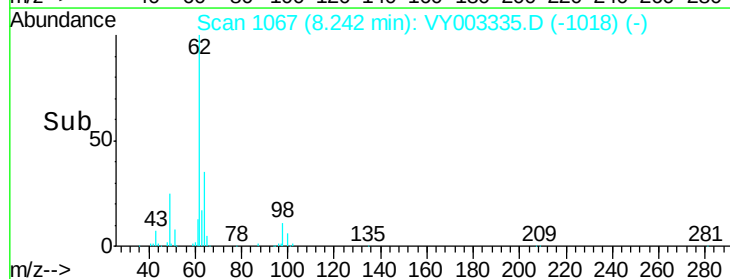
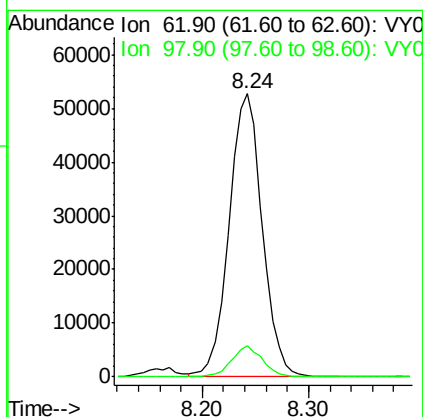
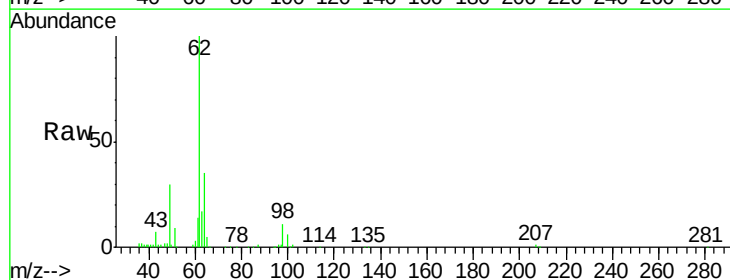
Manual Integrations
APPROVED

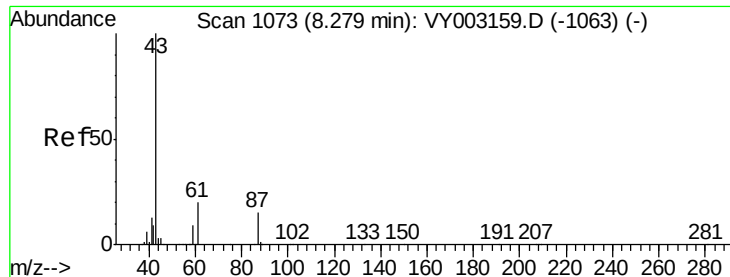
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#42
1,2-Dichloroethane
Concen: 20.283 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	62	Resp	114865
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 20.773 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

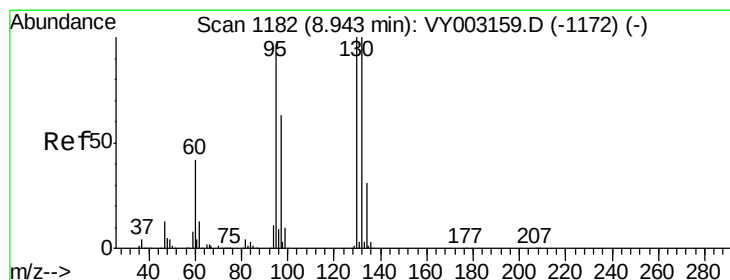
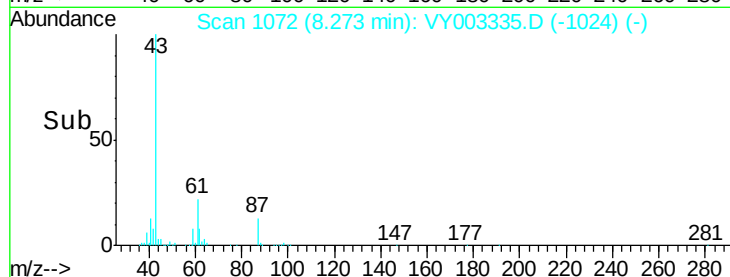
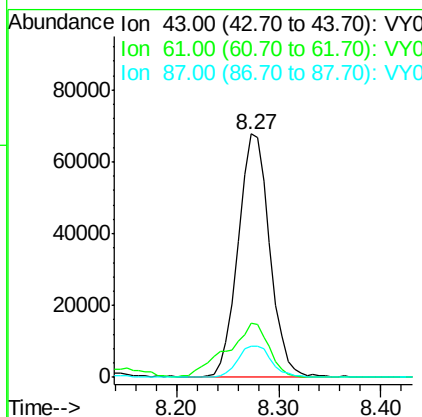
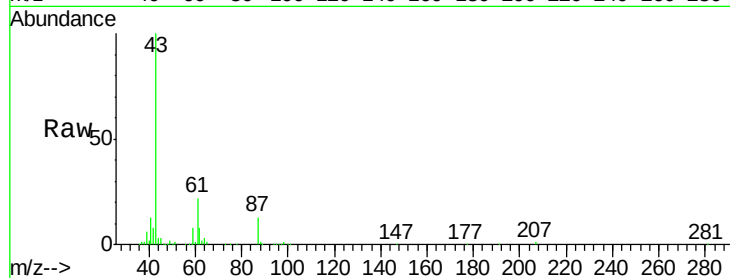
ClientSampleId :

VY0724SBS01

Tot Ion:	43	Resp:	144665
Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.7	35.5
87	13.9	11.4	17.0

Manual Integrations
APPROVED

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7/27/2020 12:03:23 PM



#44

Trichloroethene

Concen: 19.727 ug/l

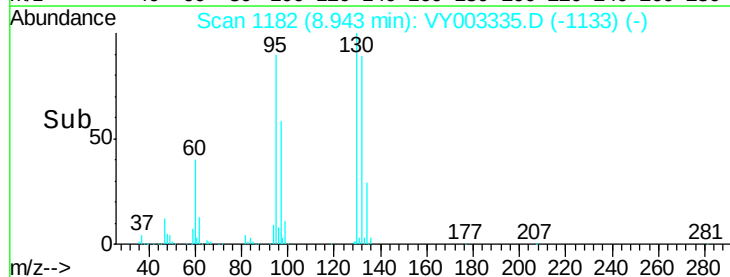
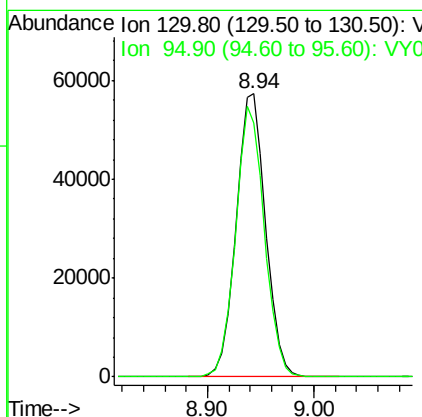
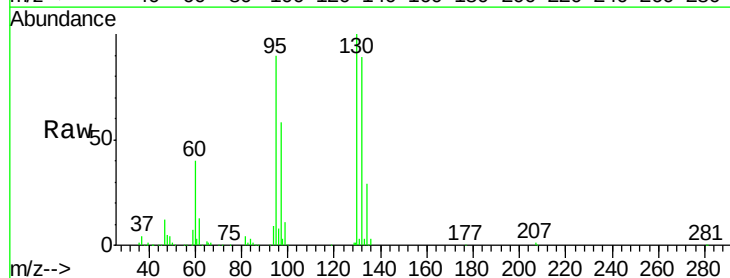
RT: 8.94 min Scan# 1182

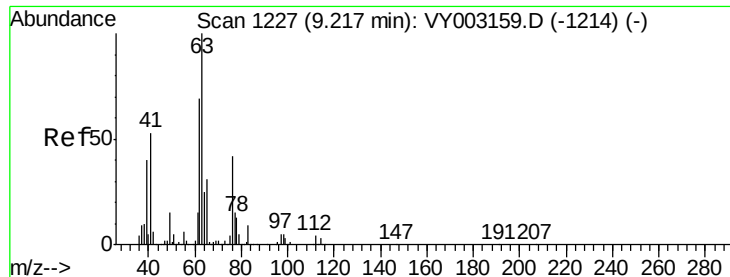
Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Tgt Ion:	130	Resp:	111243
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	193.8





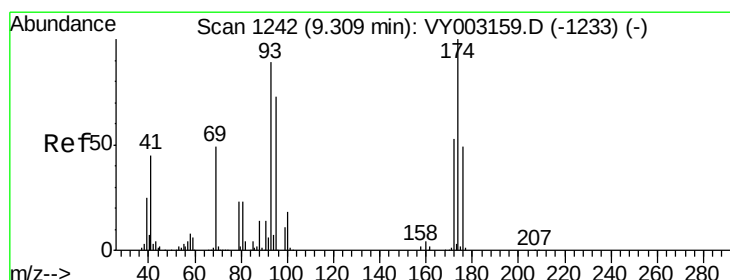
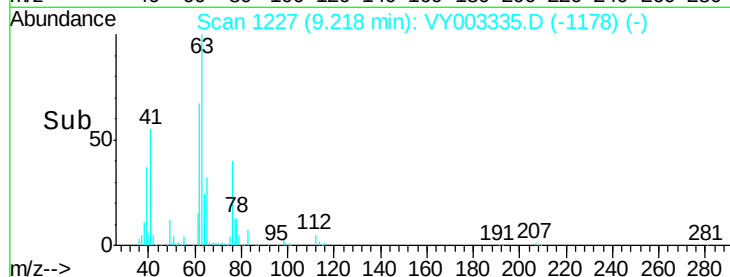
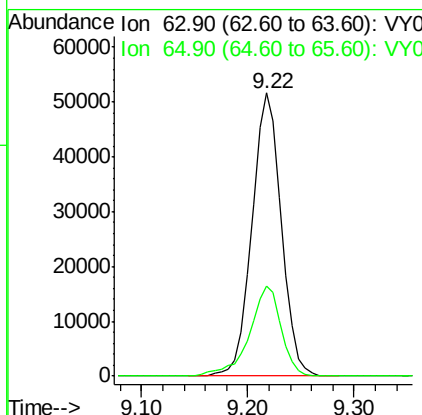
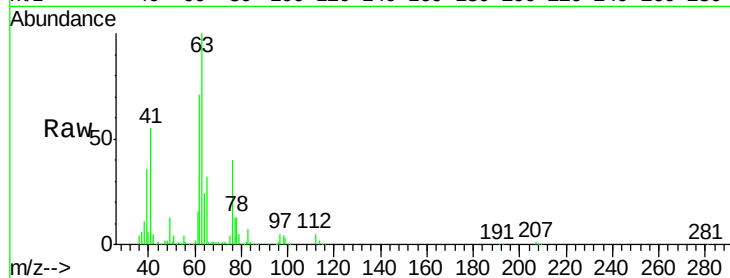
#45
 1,2-Dichloropropane
 Concen: 20.968 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.0	37.4

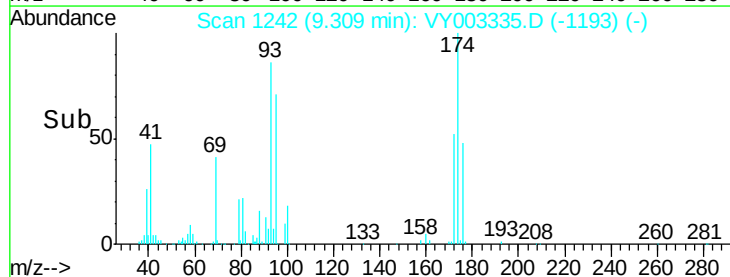
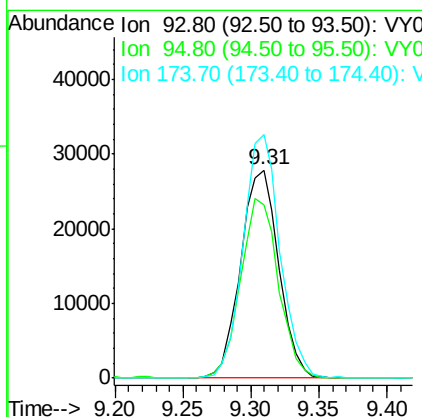
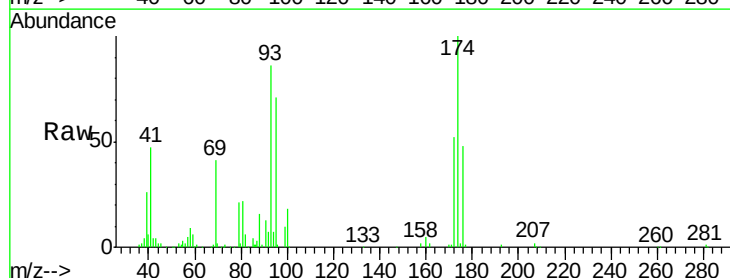
Manual Integrations
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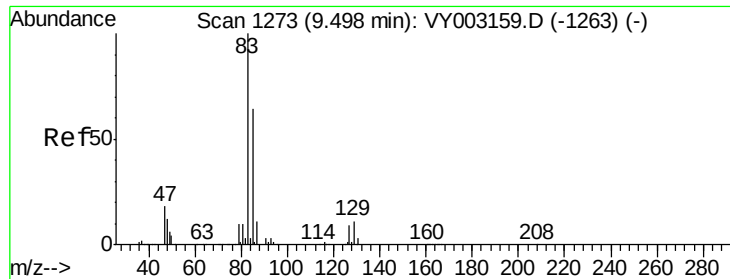
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 7/27/2020 12:03:23 PM



#46
 Dibromomethane
 Concen: 19.654 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.2	66.6	99.8
174	113.8	90.2	135.4





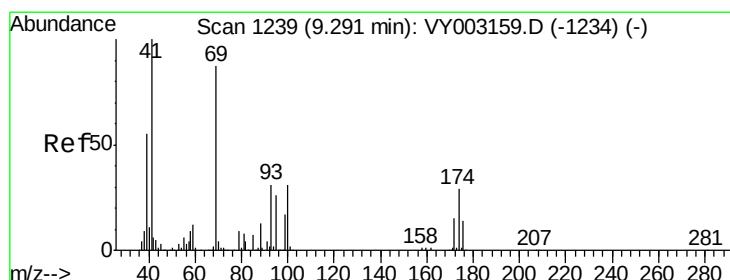
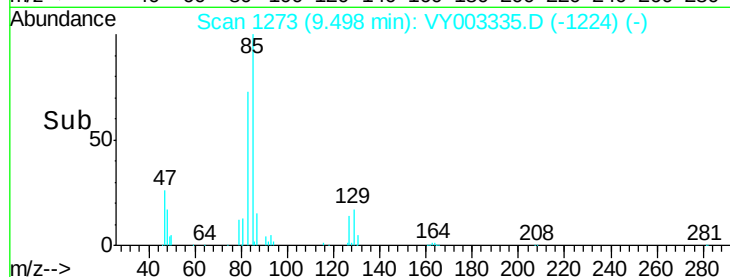
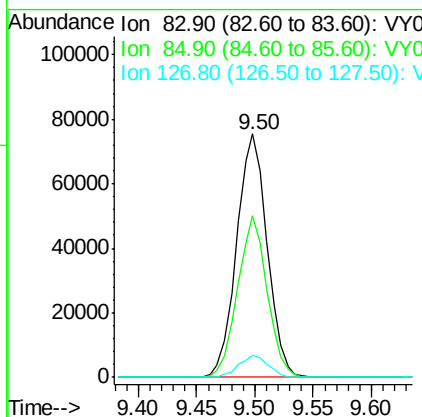
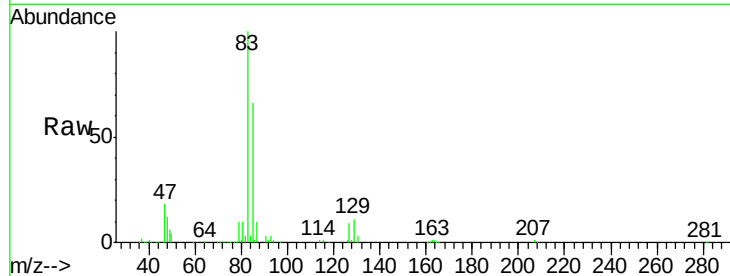
#47
Bromodichloromethane
Concen: 20.847 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.9	76.3
127	9.1	7.0	10.4

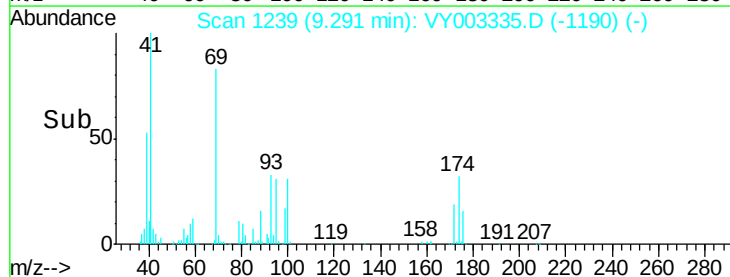
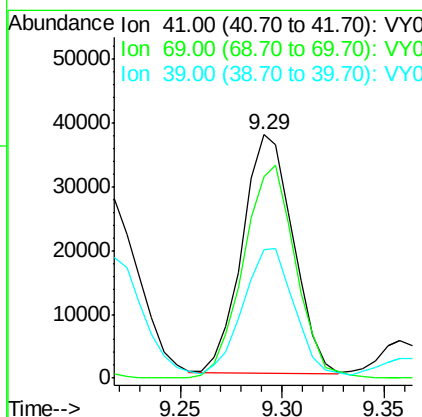
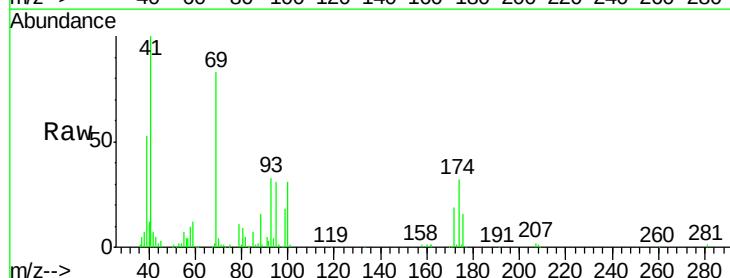
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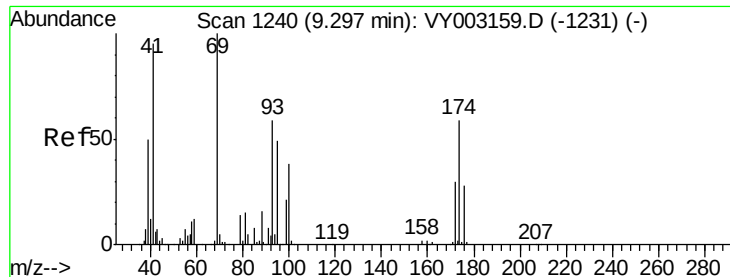
MMDadoda
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#48
Methyl methacrylate
Concen: 20.836 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.5	74.5	111.7
39	55.9	47.5	71.3





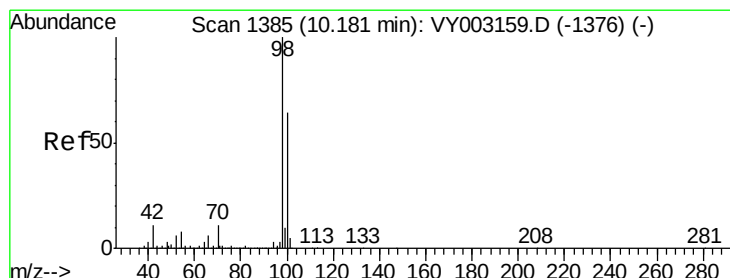
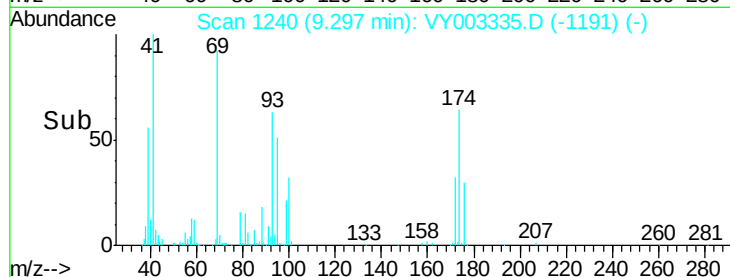
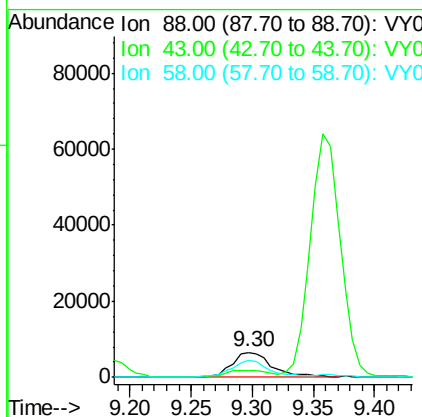
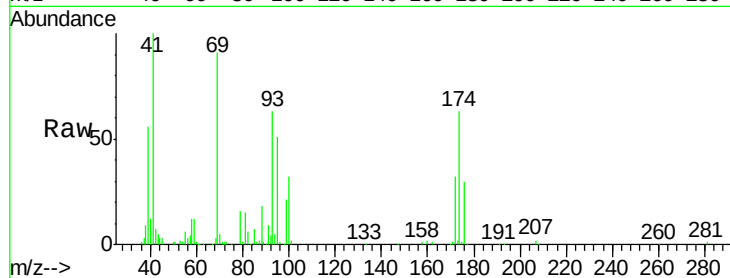
#49
1,4-Dioxane
Concen: 425.043 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	88	Resp	14997
Ion Ratio	Lower	Upper	
88	100		
43	31.2	25.6	38.4
58	63.9	47.8	71.6

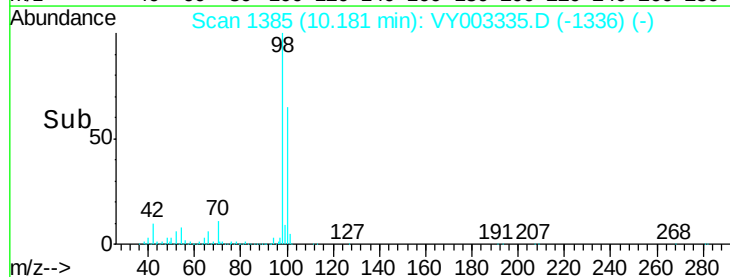
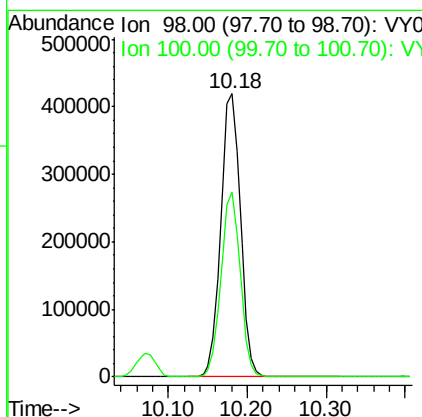
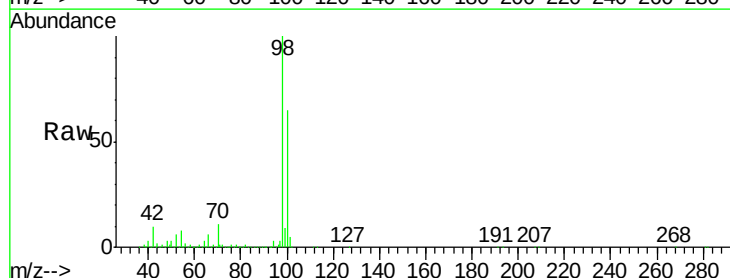
Manual Integrations
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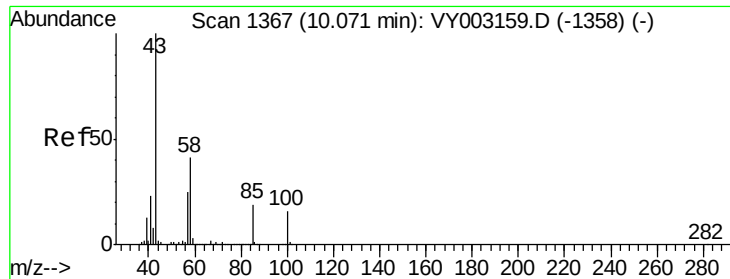
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#50
Toluene-d8
Concen: 46.378 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	98	Resp	731426
Ion Ratio	Lower	Upper	
98	100		
100	63.5	50.7	76.1





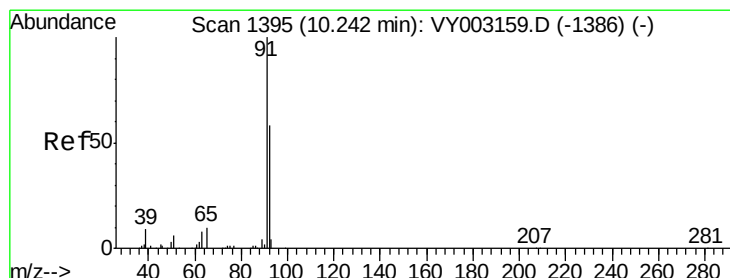
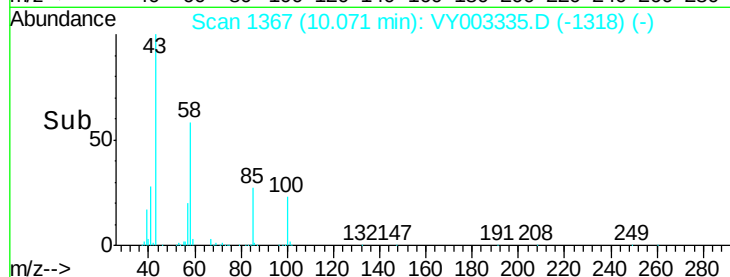
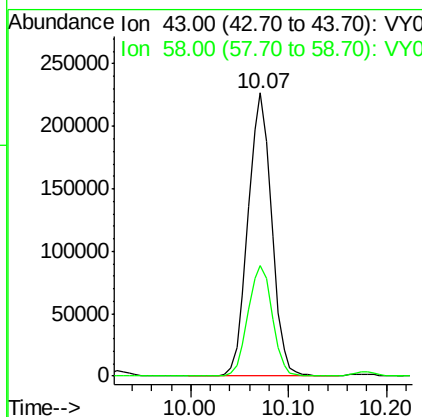
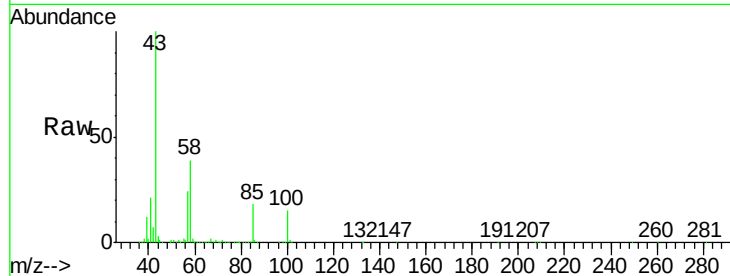
#51
4-Methyl-2-Pentanone
Concen: 105.281 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion: 43 Resp: 381081
Ion Ratio Lower Upper
43 100
58 40.3 32.7 49.1

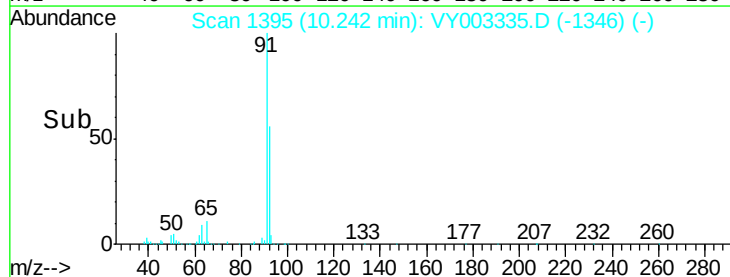
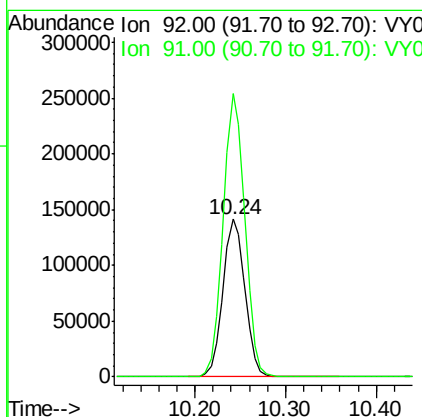
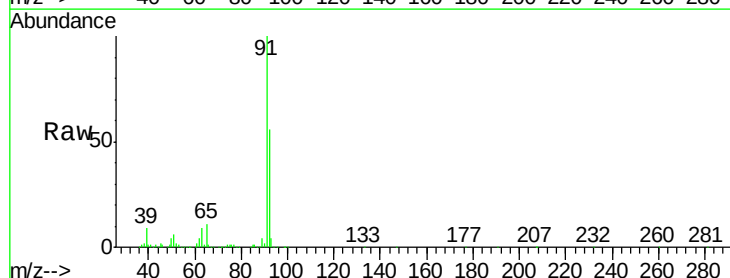
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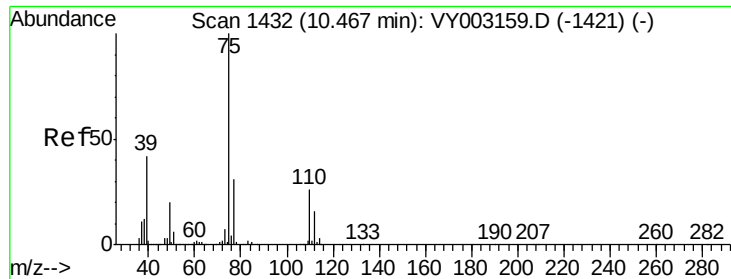
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#52
Toluene
Concen: 20.345 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion: 92 Resp: 239212
Ion Ratio Lower Upper
92 100
91 176.9 139.7 209.5





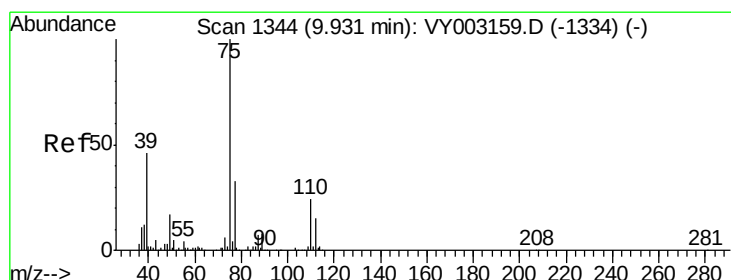
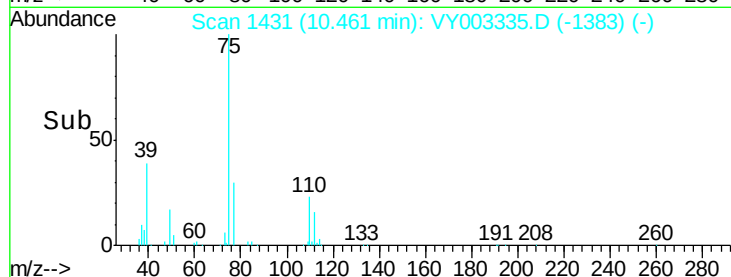
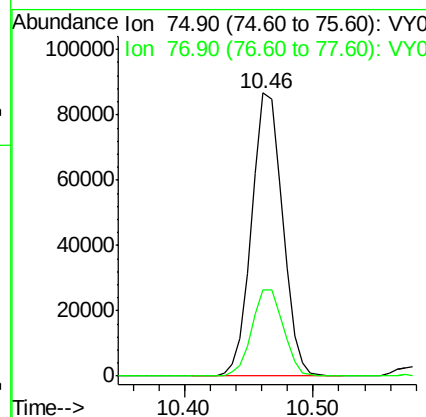
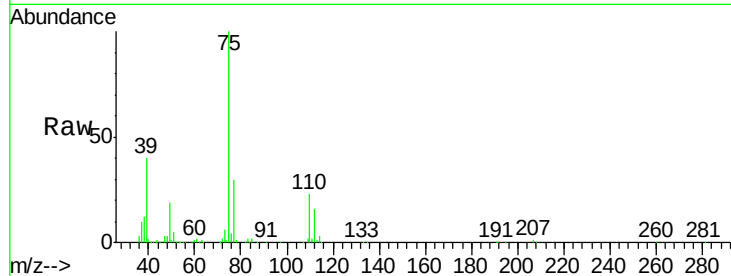
#53
t-1,3-Dichloropropene
Concen: 20.996 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion: 75 Resp: 143836
Ion Ratio Lower Upper
75 100
77 30.3 25.2 37.8

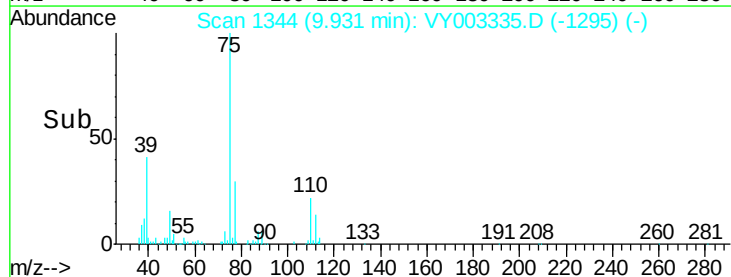
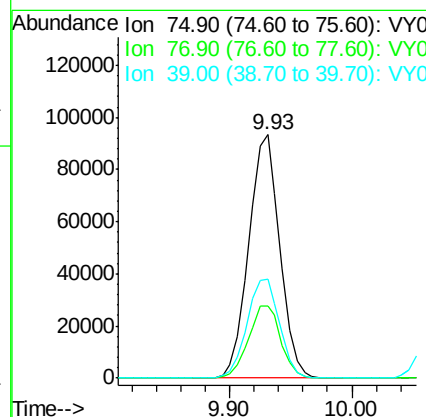
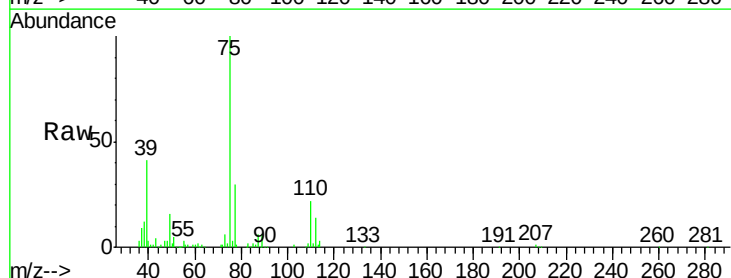
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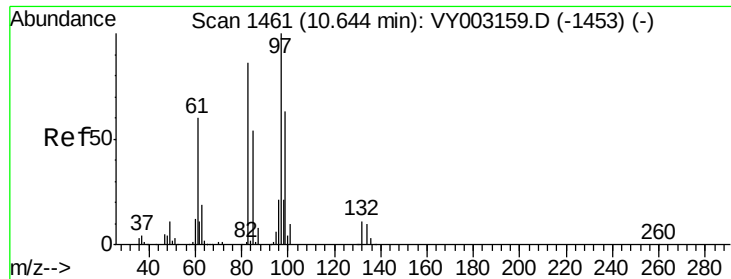
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#54
cis-1,3-Dichloropropene
Concen: 20.807 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion: 75 Resp: 164231
Ion Ratio Lower Upper
75 100
77 29.8 26.7 40.1
39 40.8 37.0 55.6





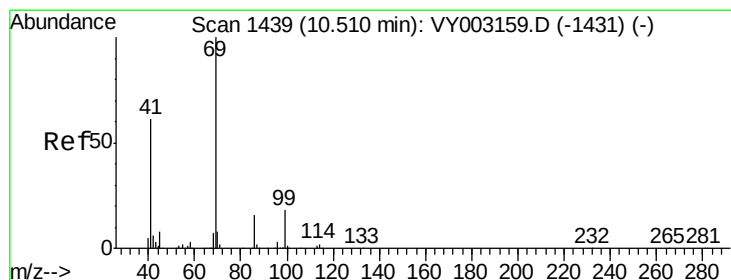
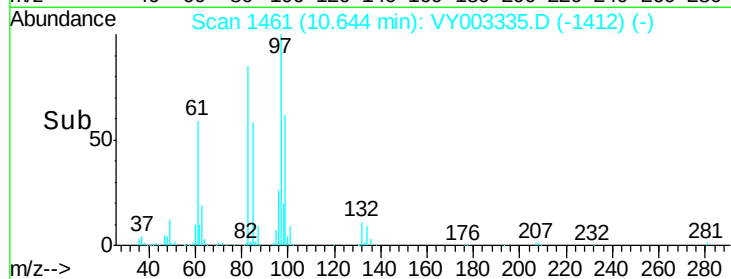
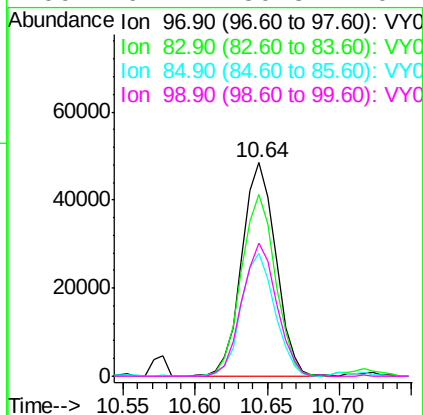
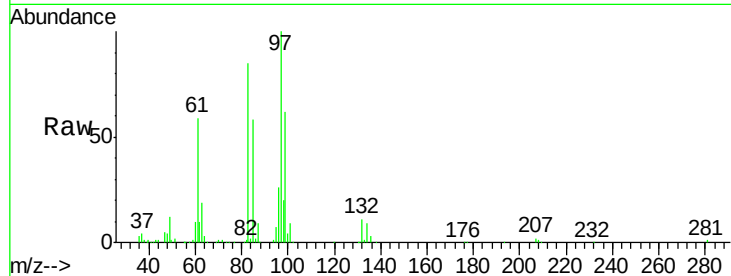
#55
 1,1,2-Trichloroethane
 Concen: 20.265 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Tot Ion:	97	Resp:	79832
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.8	103.2
85	57.6	43.1	64.7
99	62.2	50.8	76.2

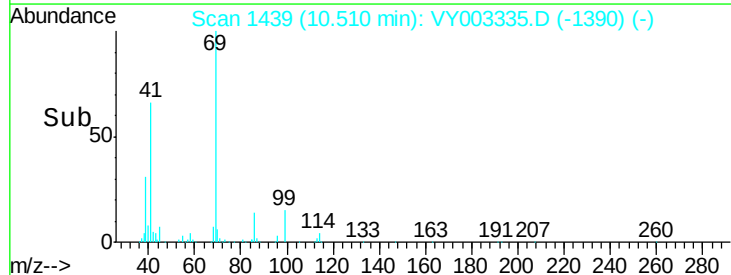
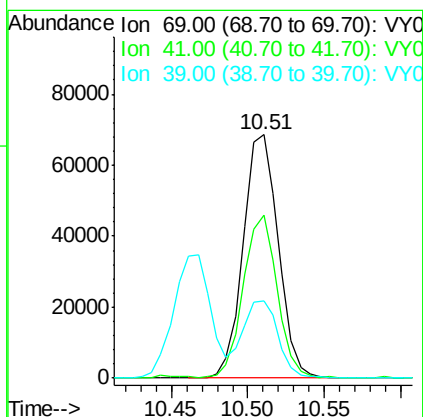
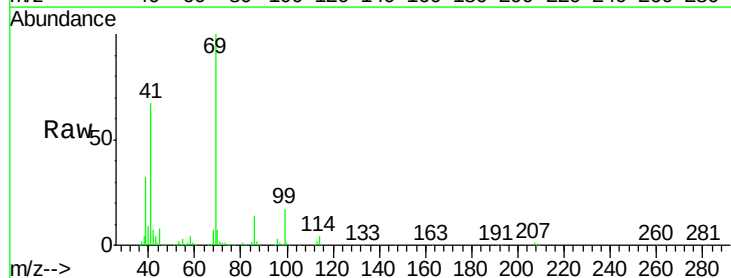
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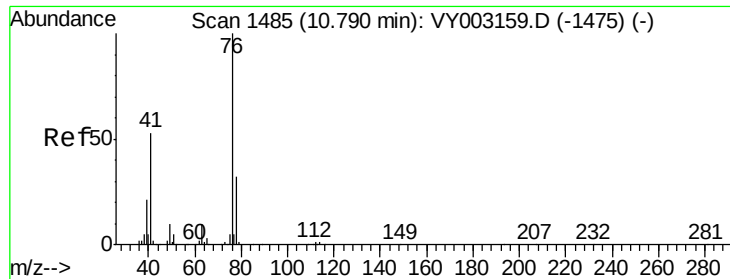
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#56
 Ethyl methacrylate
 Concen: 20.455 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Tgt Ion:	69	Resp:	109555
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.0	75.0
39	32.4	27.6	41.4





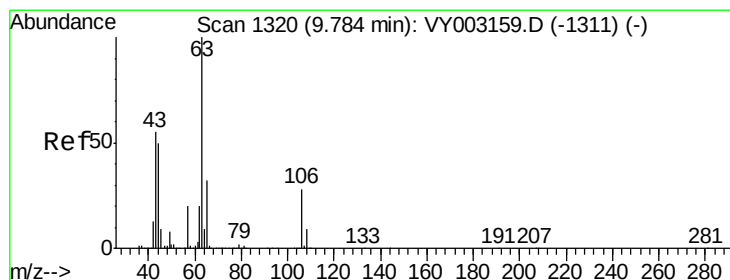
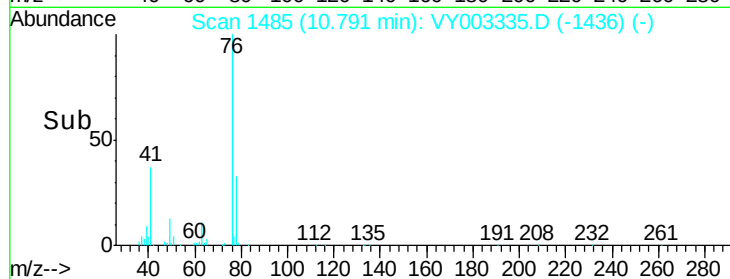
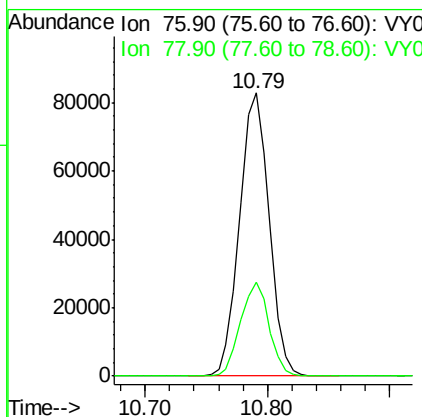
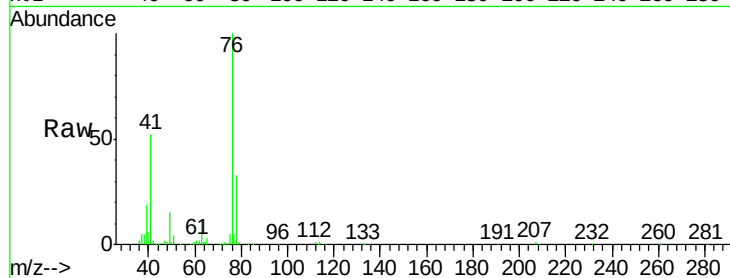
#57
 1,3-Dichloropropane
 Concen: 20.800 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

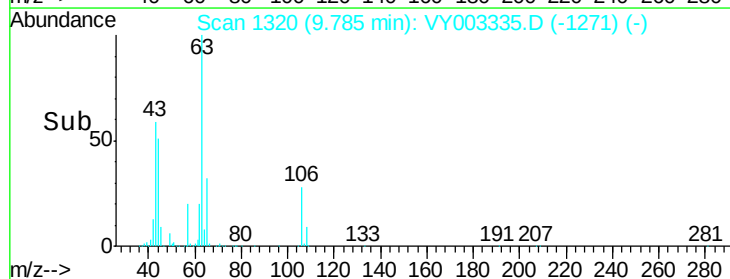
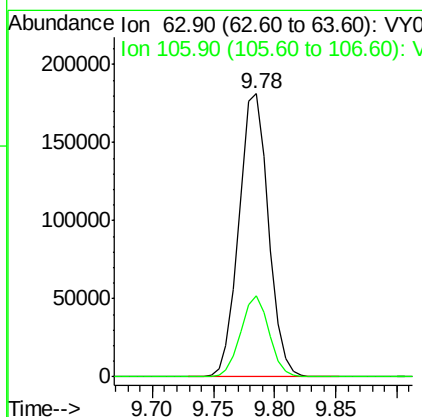
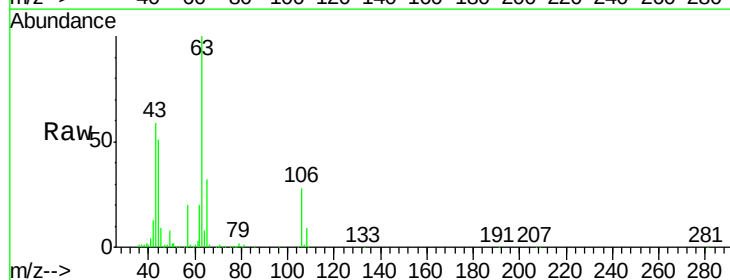
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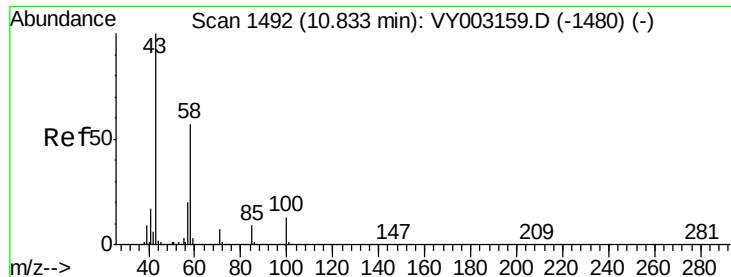
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#58
 2-Chloroethyl Vinyl ether
 Concen: 111.064 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.9	34.3





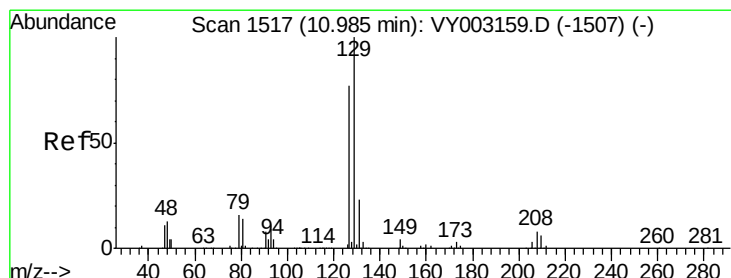
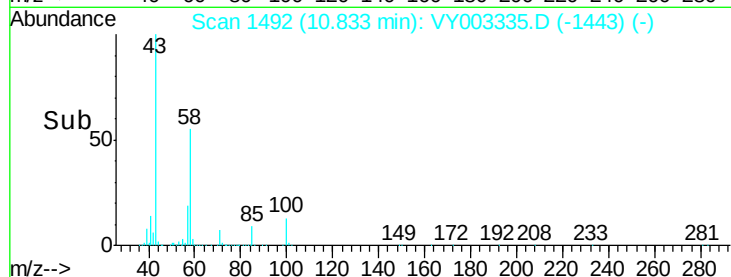
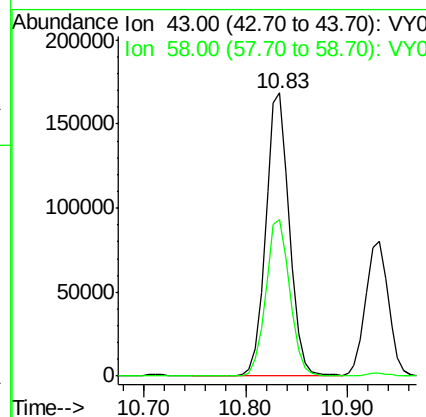
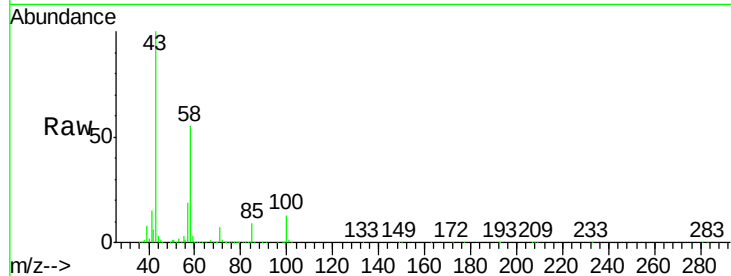
#59
2-Hexanone
Concen: 107.004 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.5	28.3	85.0

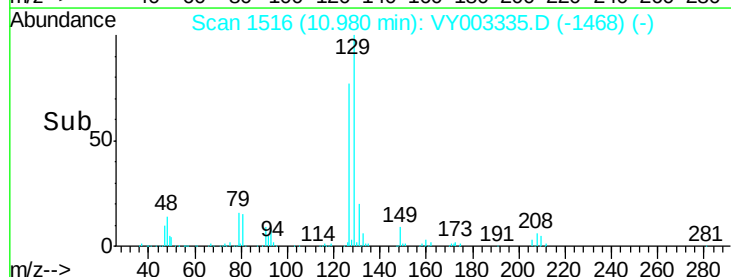
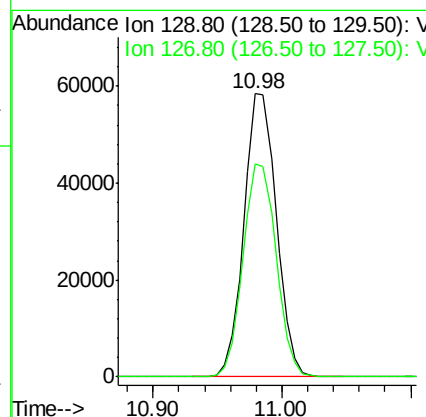
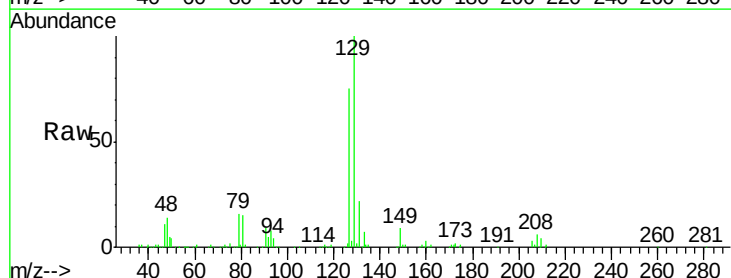
Manual Integrations
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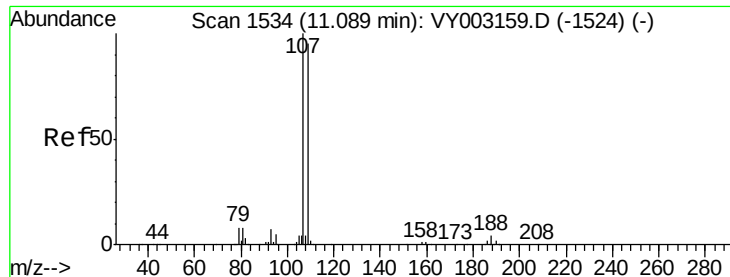
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#60
Dibromochloromethane
Concen: 20.517 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.5





#61

1,2-Dibromoethane

Concen: 19.855 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampled :

VY0724SBS01

Tot Ion:107 Resp: 77198

Ion Ratio Lower Upper

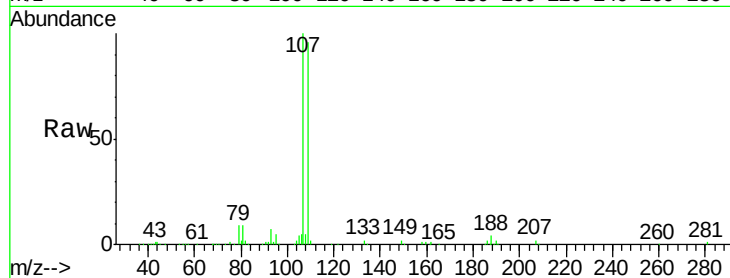
107 100

109 94.1 75.6 113.4

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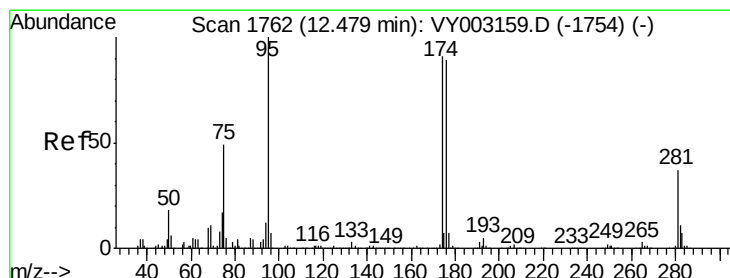
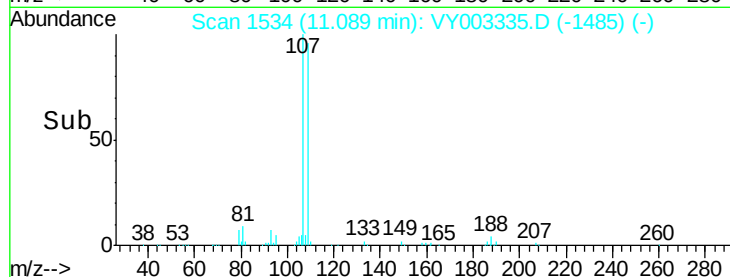
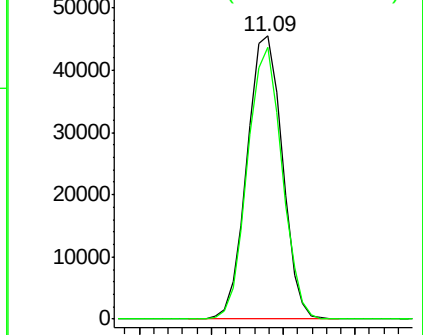
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.441 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

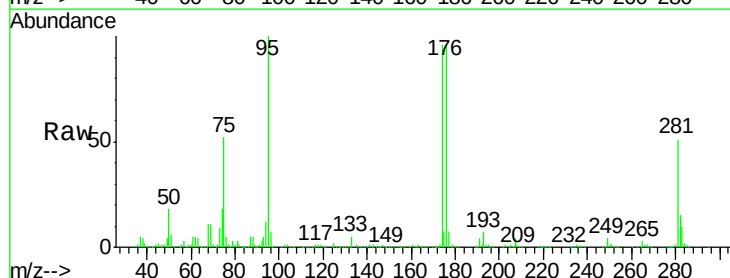
Tgt Ion: 95 Resp: 264594

Ion Ratio Lower Upper

95 100

174 96.6 0.0 190.6

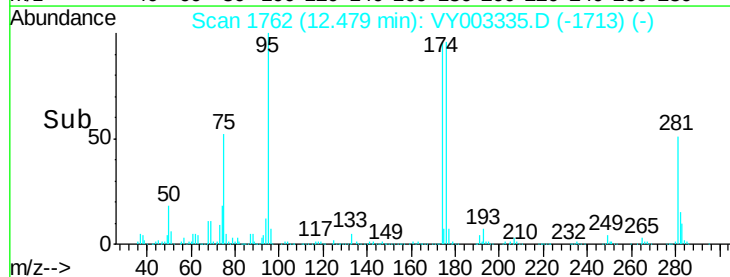
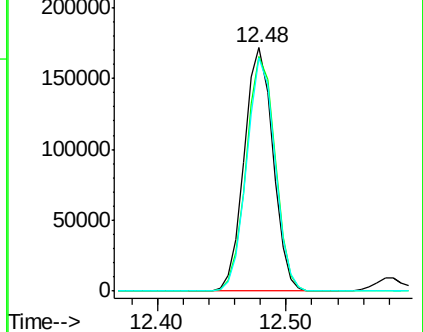
176 93.8 0.0 186.4

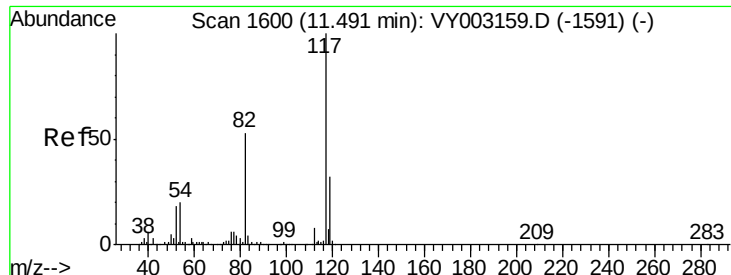


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





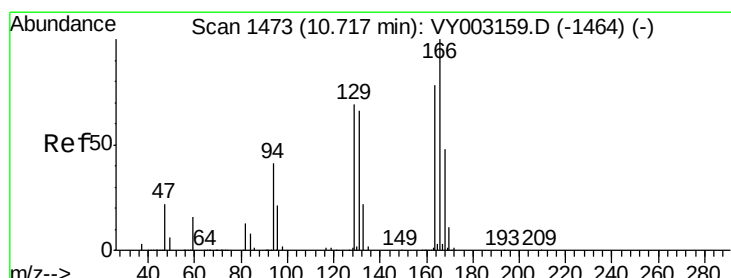
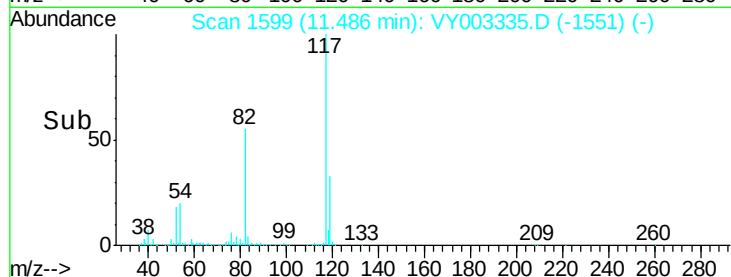
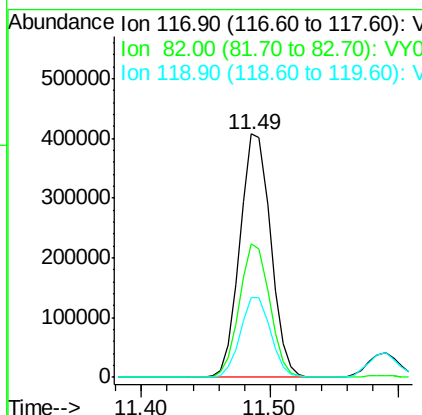
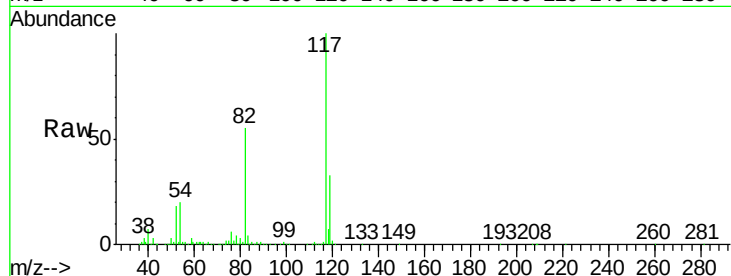
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	675443		
82	55.0	42.0	63.0	
119	32.8	25.5	38.3	

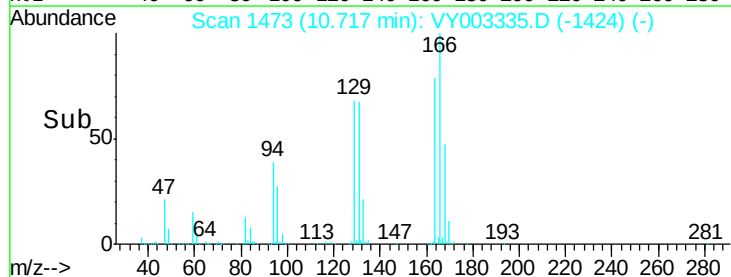
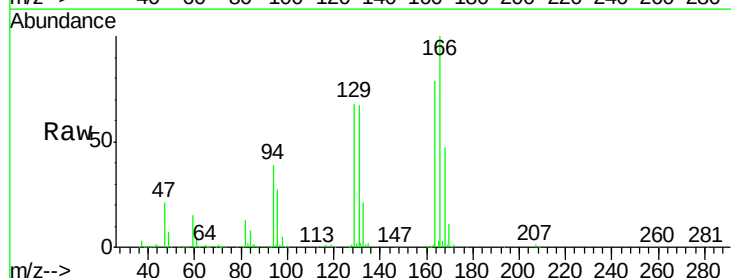
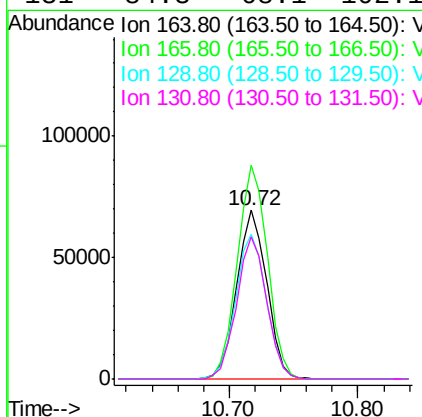
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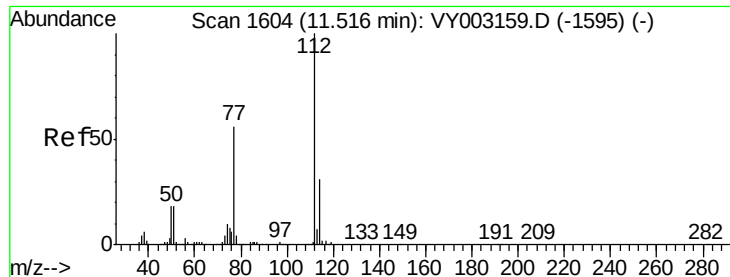
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#64
Tetrachloroethene
Concen: 18.569 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111832		
166	126.8	102.9	154.3	
129	86.2	71.4	107.2	
131	84.3	68.1	102.1	





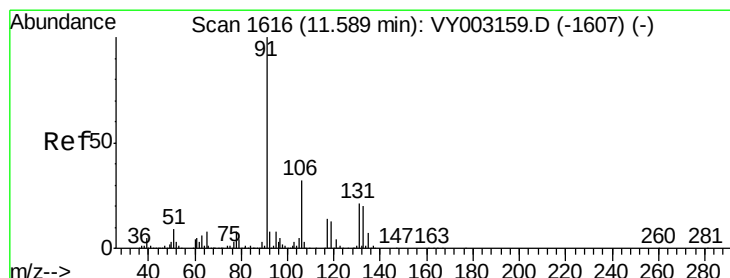
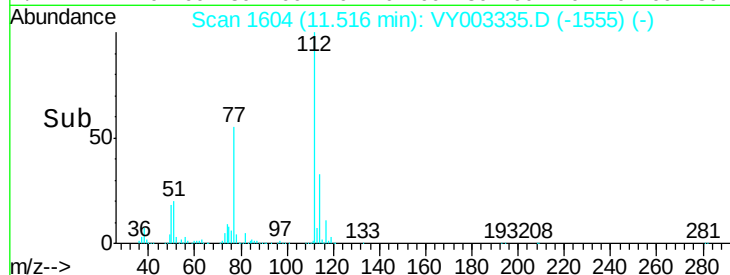
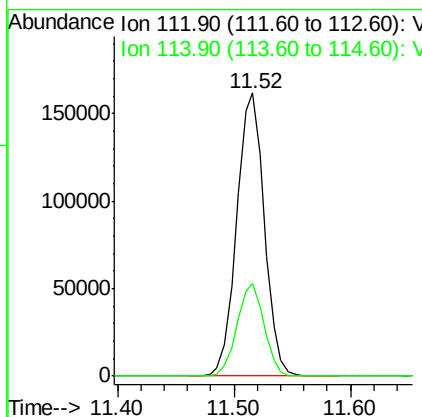
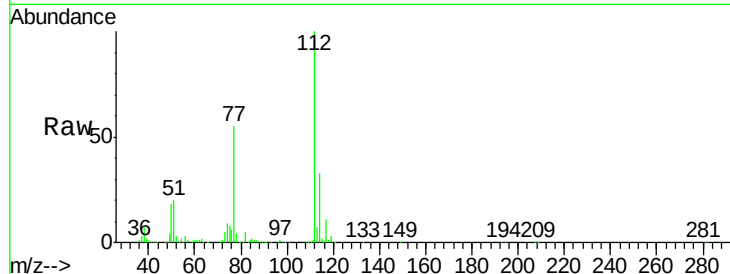
#65
Chlorobenzene
Concen: 20.519 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion:112 Resp: 266992
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1

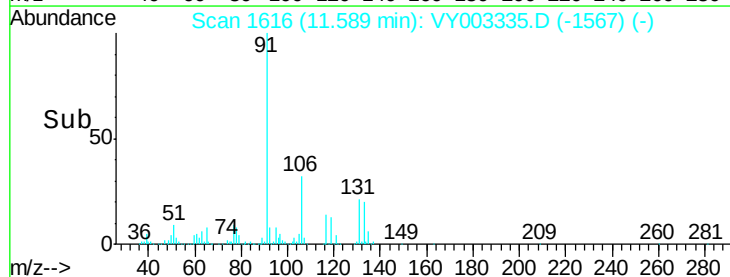
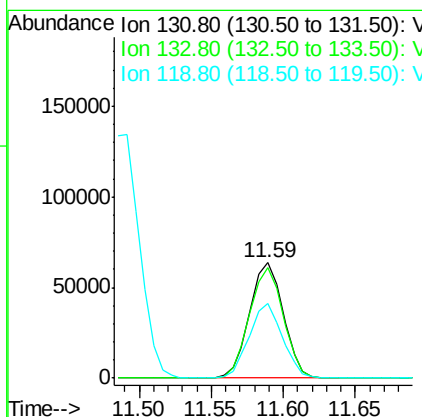
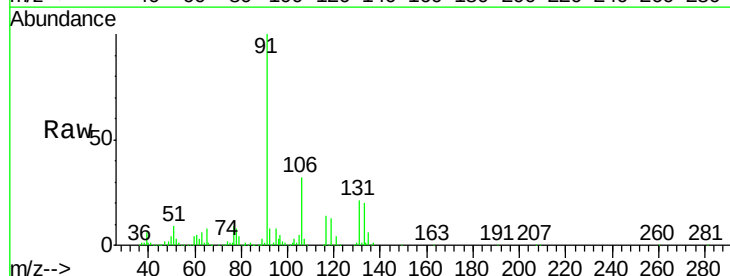
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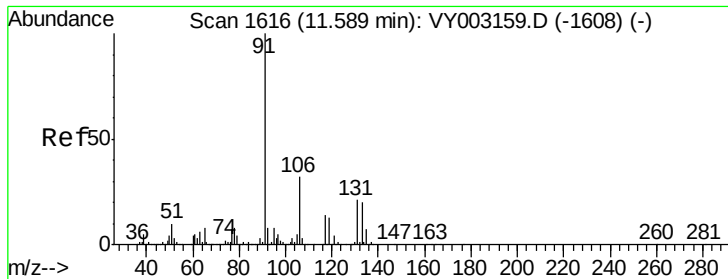
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.480 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion:131 Resp: 103500
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 64.0 32.4 97.0





#67

Ethyl Benzene

Concen: 20.393 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 91 Resp: 473800

Ion Ratio Lower Upper

91 100

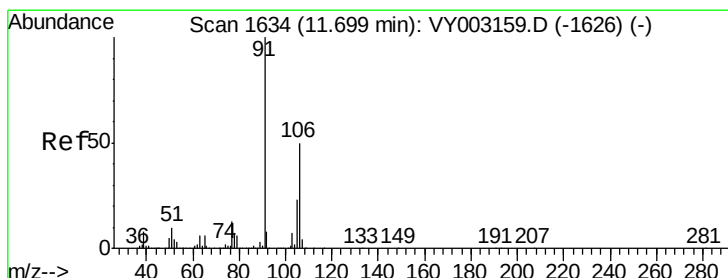
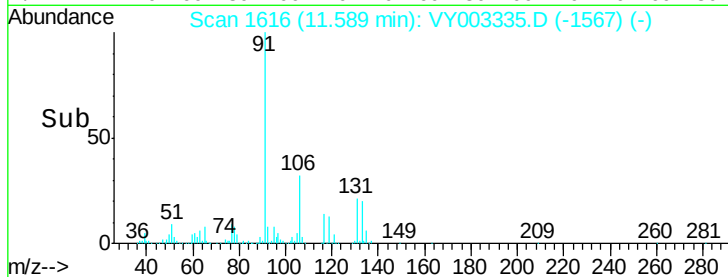
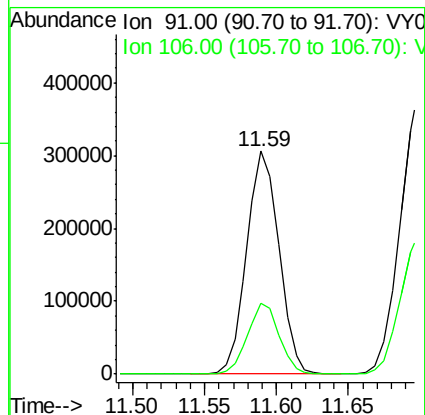
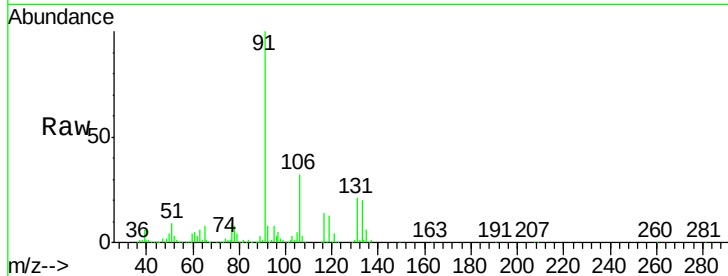
106 31.8 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.861 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003335.D

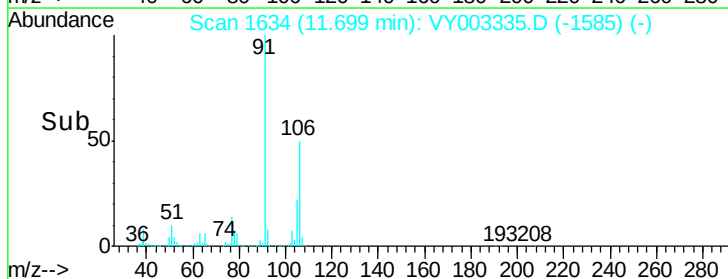
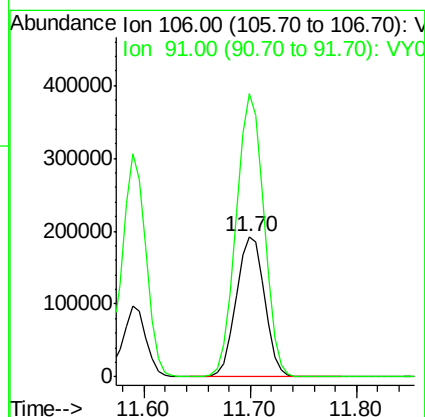
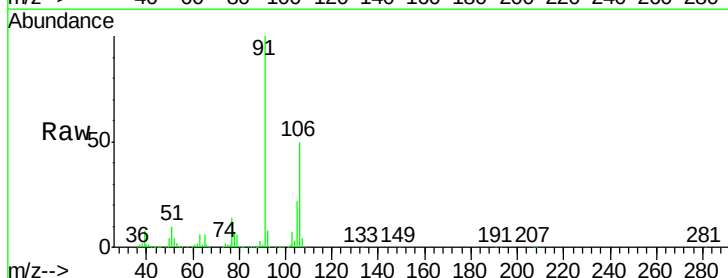
Acq: 24 Jul 2020 16:26

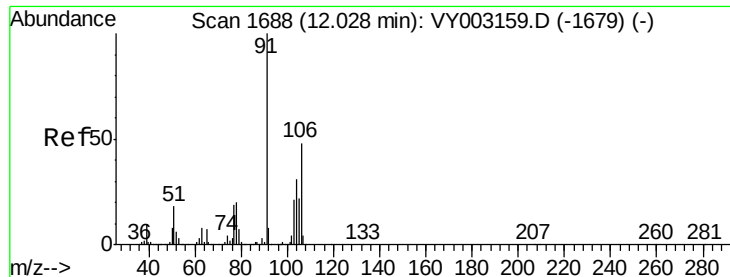
Tgt Ion: 106 Resp: 360201

Ion Ratio Lower Upper

106 100

91 198.3 159.0 238.6





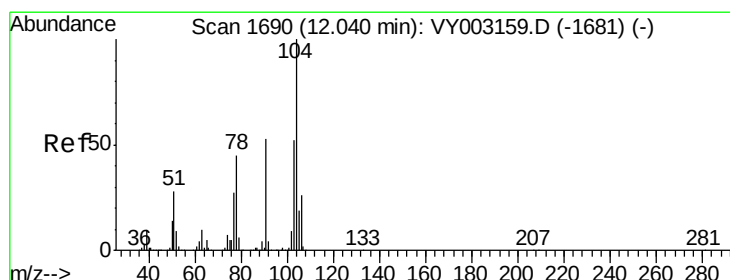
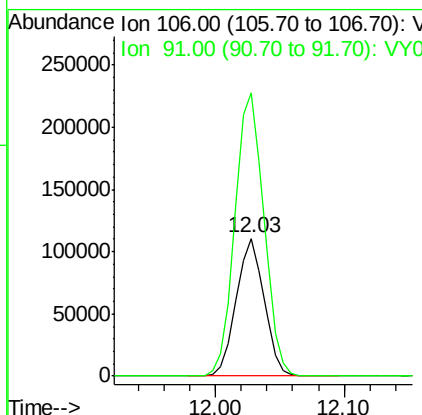
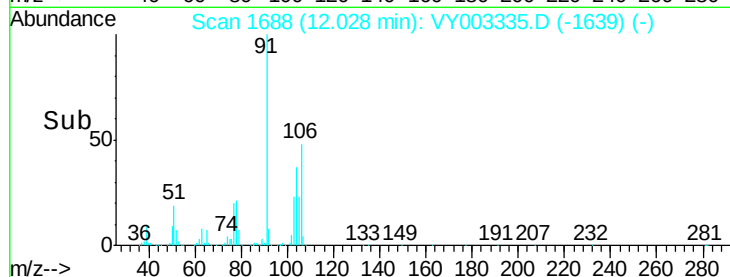
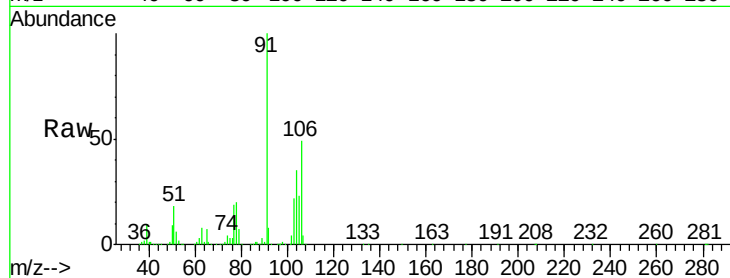
#69
o-Xylene
Concen: 20.198 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion:106 Resp: 166334
Ion Ratio Lower Upper
106 100
91 213.9 105.1 315.1

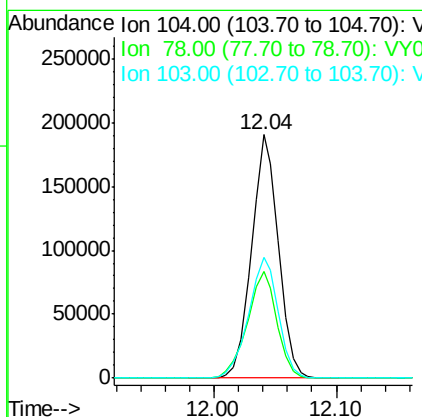
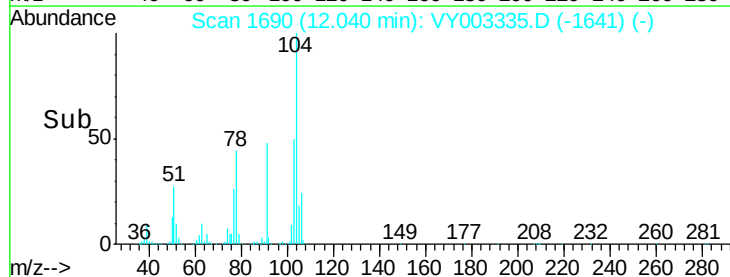
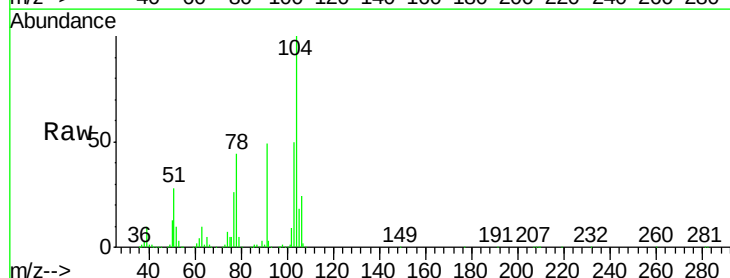
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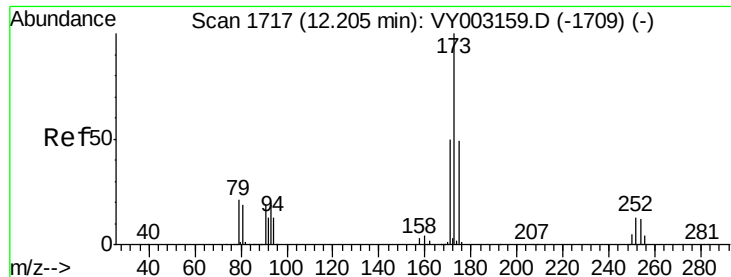
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#70
Styrene
Concen: 20.632 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion:104 Resp: 290664
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 54.8 43.9 65.9





#71

Bromoform

Concen: 20.237 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

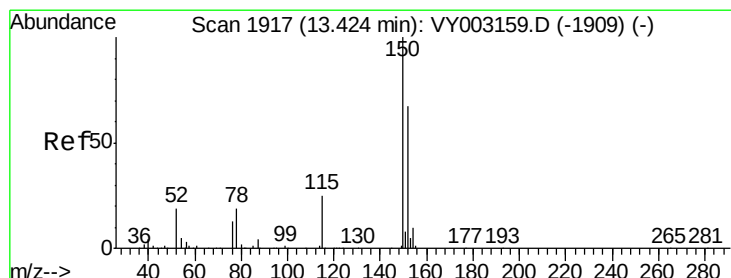
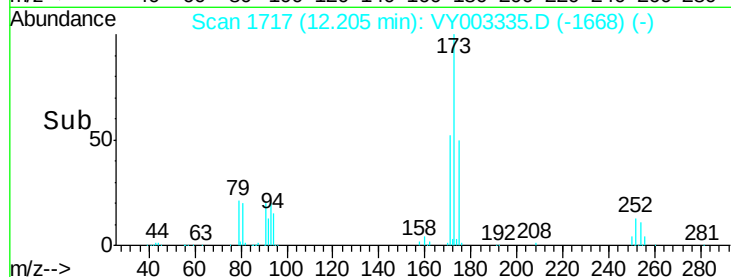
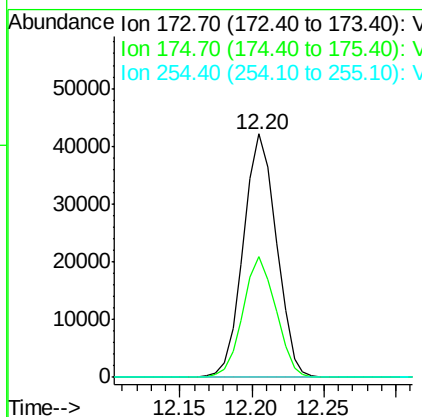
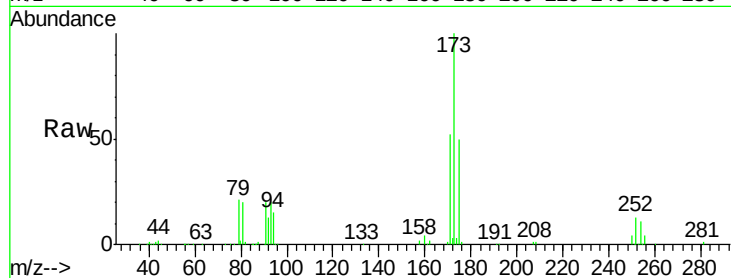
ClientSampleId :

VY0724SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.3	73.0
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

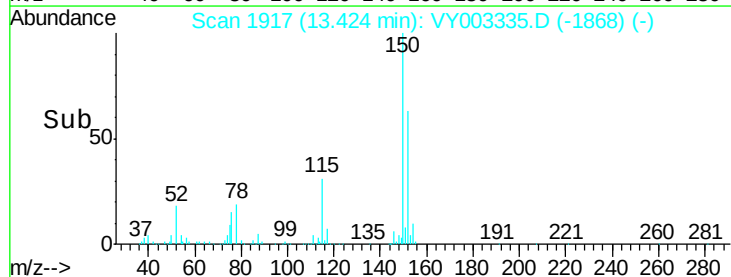
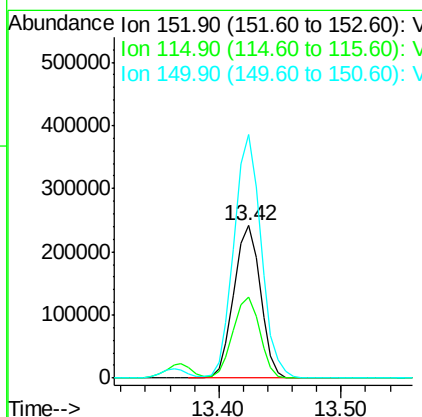
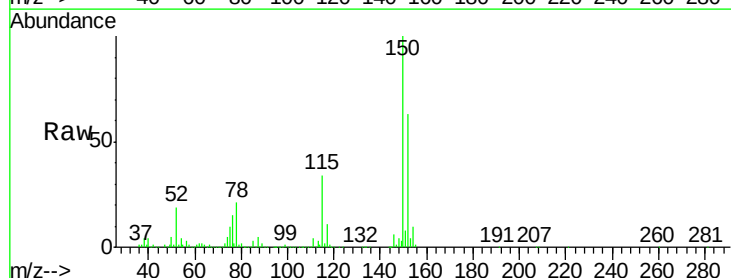
RT: 13.42 min Scan# 1917

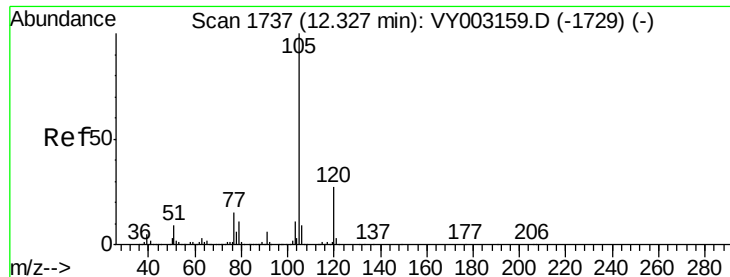
Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.9	80.7
150	163.7	0.0	338.0





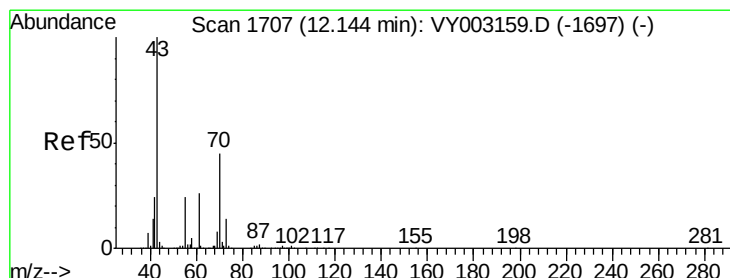
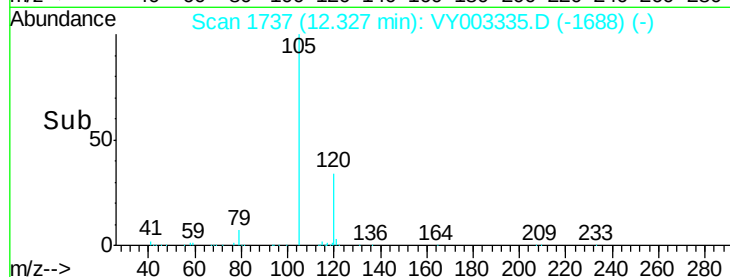
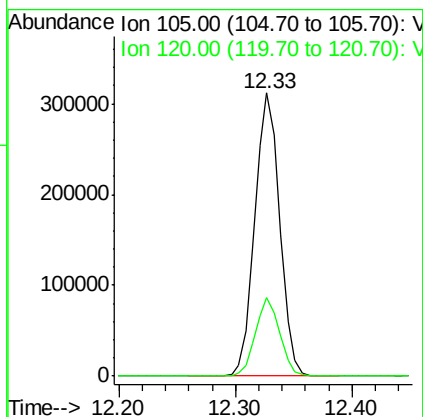
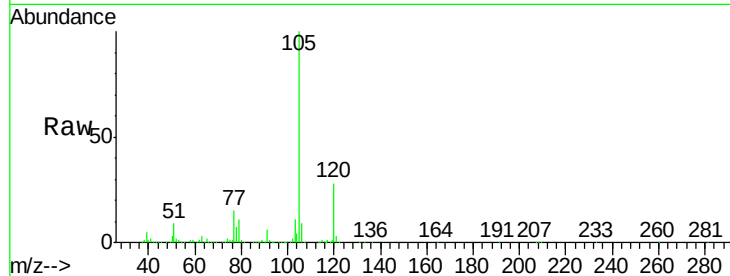
#73
Isopropylbenzene
Concen: 20.164 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion:105 Resp: 466386
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

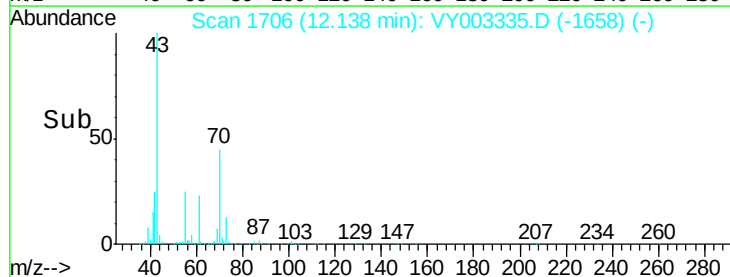
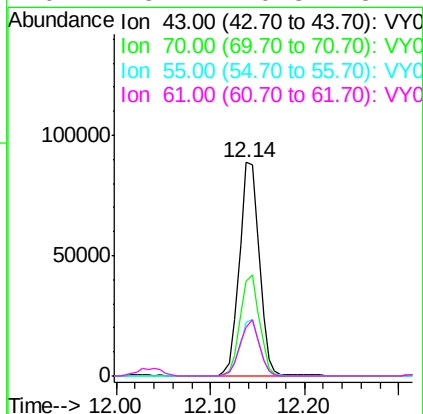
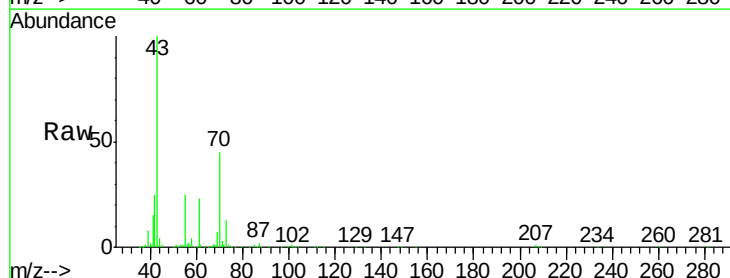
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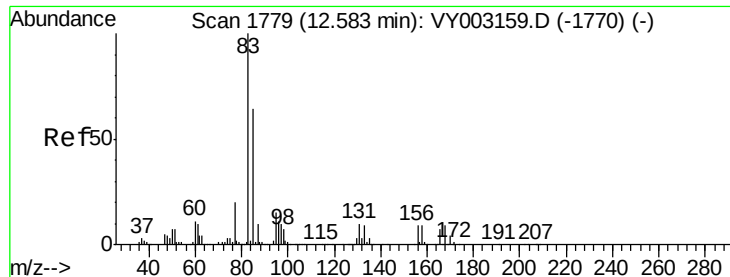
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#74
N-ethyl acetate
Concen: 20.253 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion: 43 Resp: 131440
Ion Ratio Lower Upper
43 100
70 45.6 35.6 53.4
55 25.6 19.4 29.2
61 25.1 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.889 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

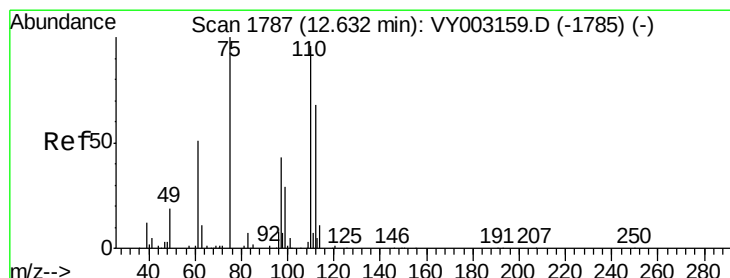
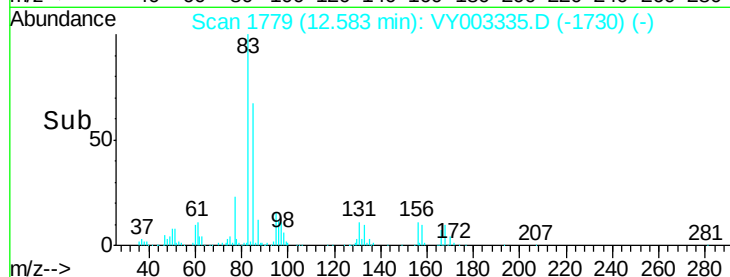
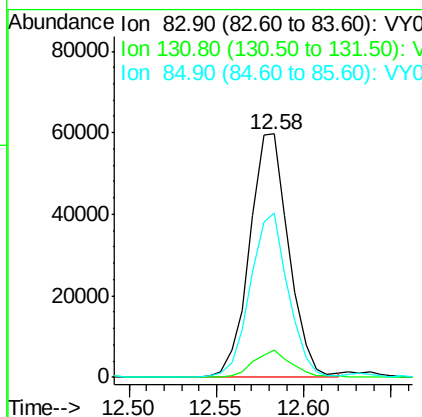
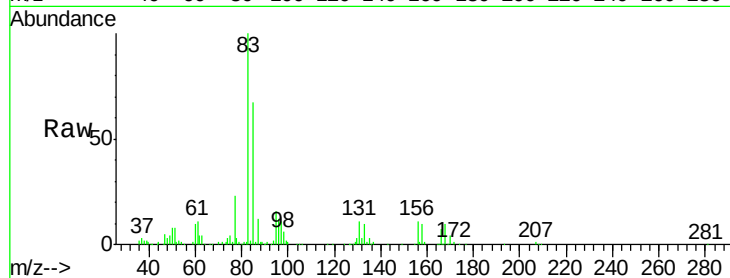
ClientSampleId :

VY0724SBS01

Tot Ion:	83	Resp:	93318
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.2	15.6
85	65.5	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 24.181 ug/l m

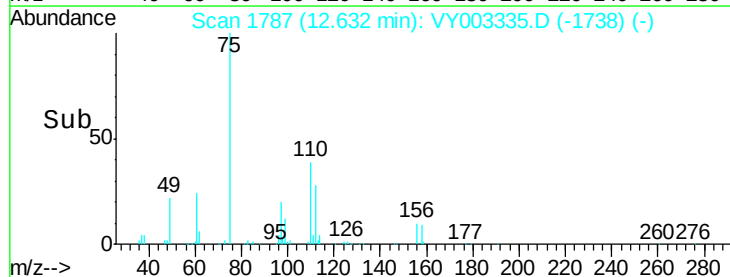
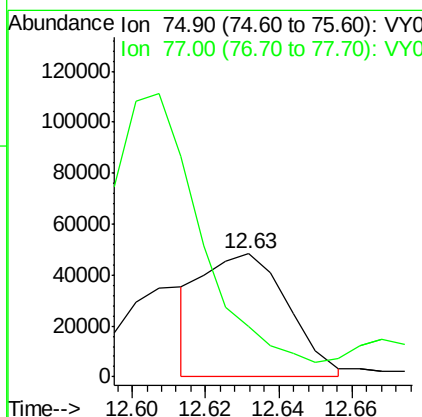
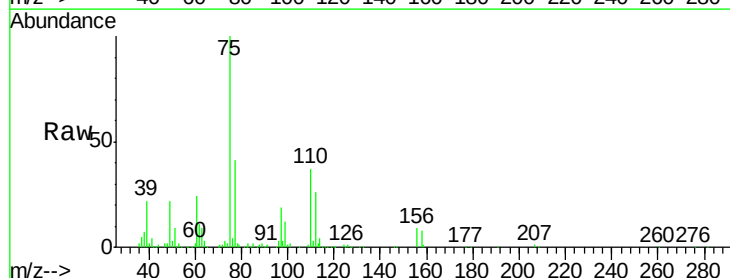
RT: 12.63 min Scan# 1787

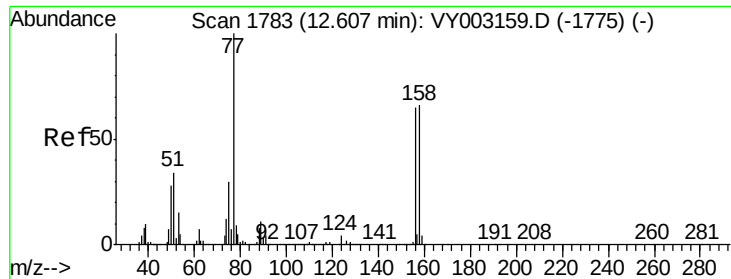
Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Tgt Ion:	75	Resp:	77688
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.053 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

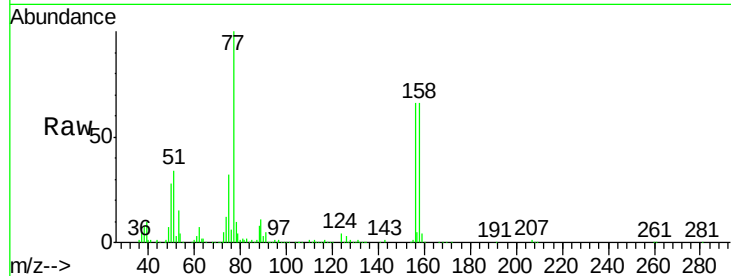
ClientSampleId :

VY0724SBS01

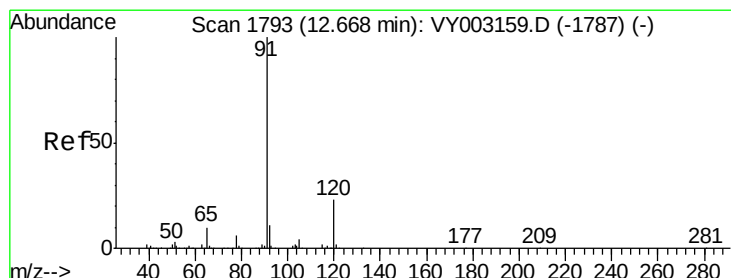
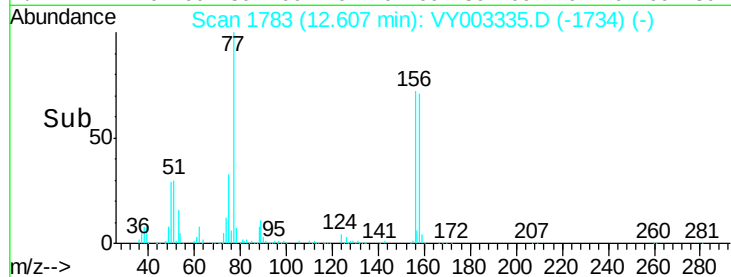
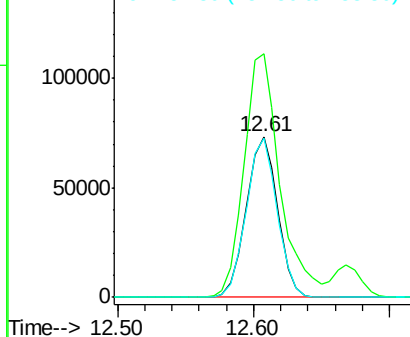
Tot Ion:	156	Resp:	118231
Ion Ratio	Lower	Upper	
156	100		
77	174.0	86.6	259.7
158	98.0	49.4	148.0

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.527 ug/l

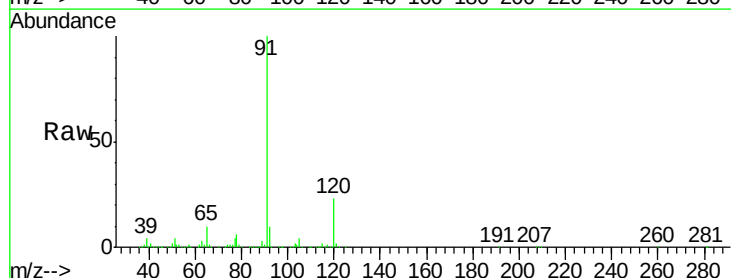
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

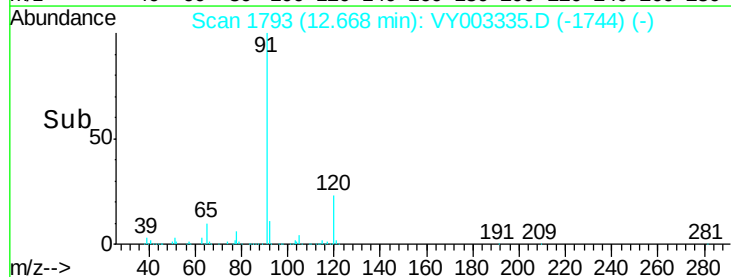
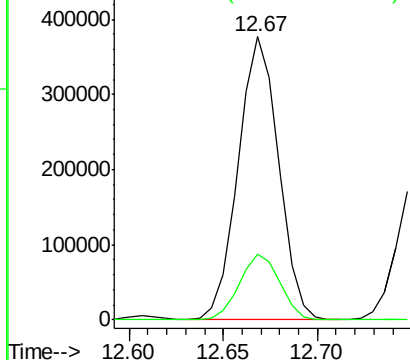
Lab File: VY003335.D

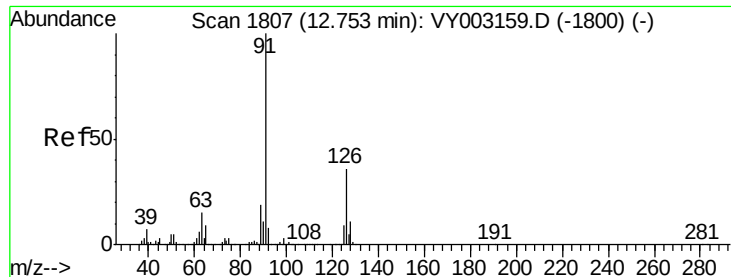
Acq: 24 Jul 2020 16:26

Tgt Ion:	91	Resp:	559660
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.541 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 91 Resp: 312473

Ion Ratio Lower Upper

91 100

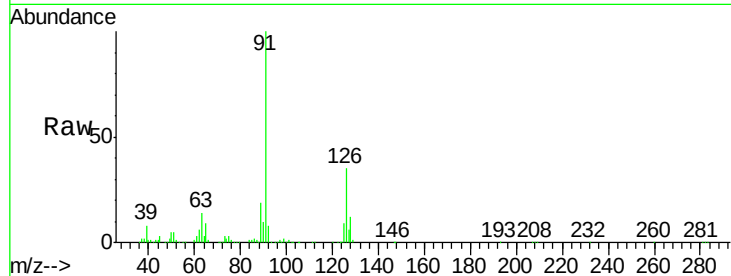
126 35.4 17.6 52.9

Manual Integrations

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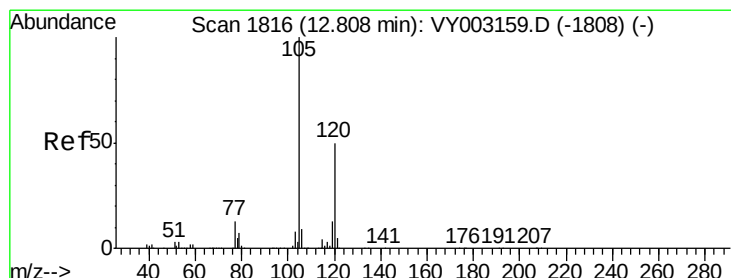
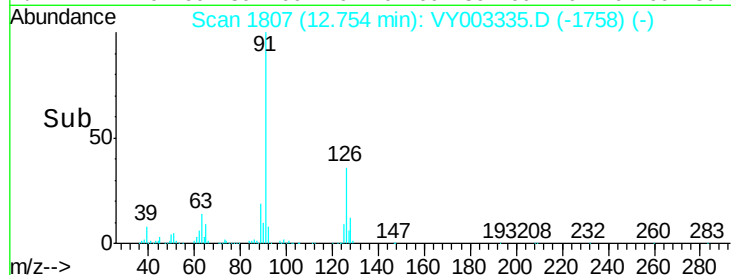
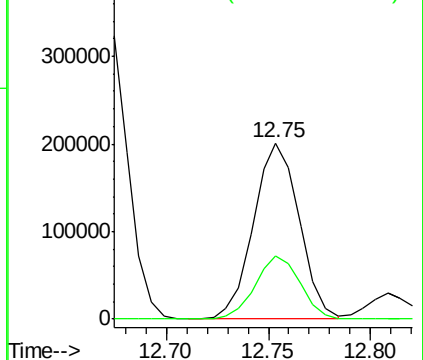
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.236 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003335.D

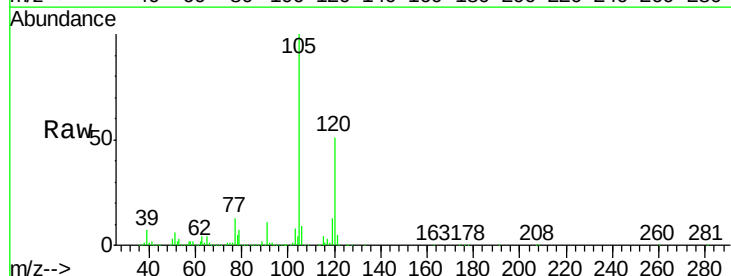
Acq: 24 Jul 2020 16:26

Tgt Ion: 105 Resp: 390104

Ion Ratio Lower Upper

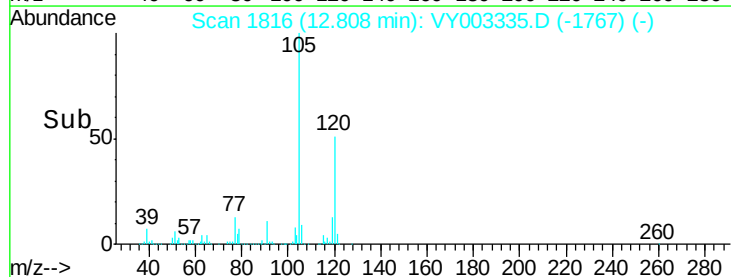
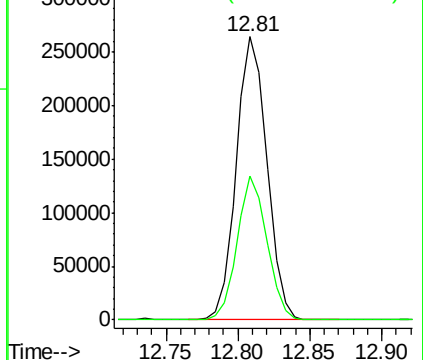
105 100

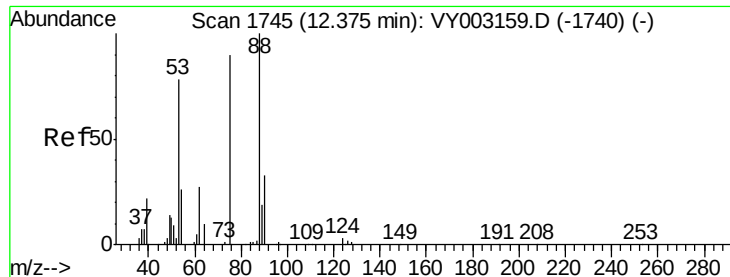
120 49.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.414 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

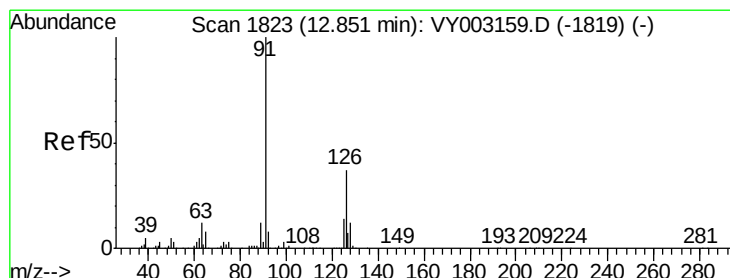
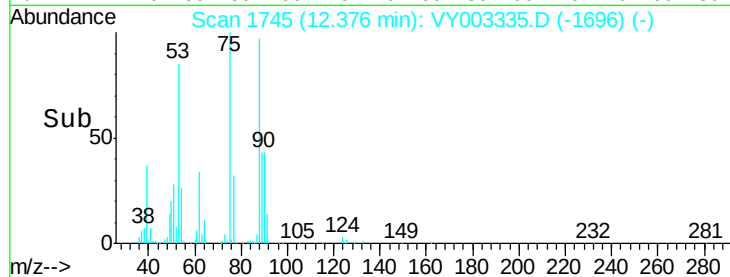
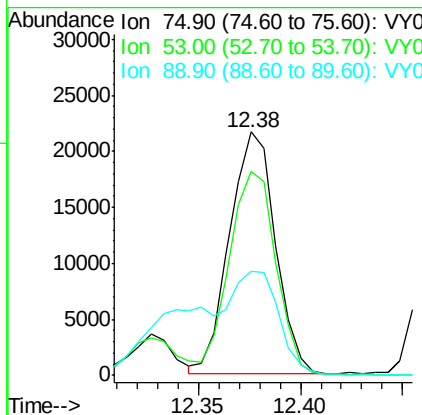
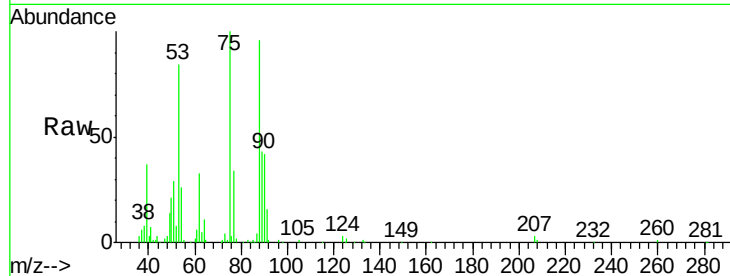
ClientSampleId :

VY0724SBS01

Tot Ion:	75	Resp:	33700
Ion	Ratio	Lower	Upper
75	100		
53	86.0	72.0	108.0
89	46.7	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.503 ug/l

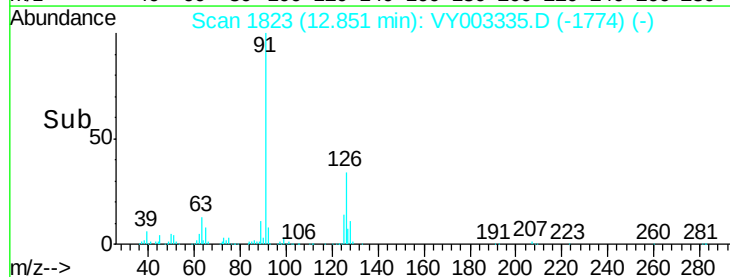
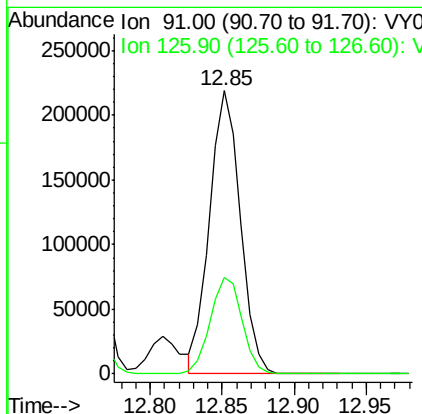
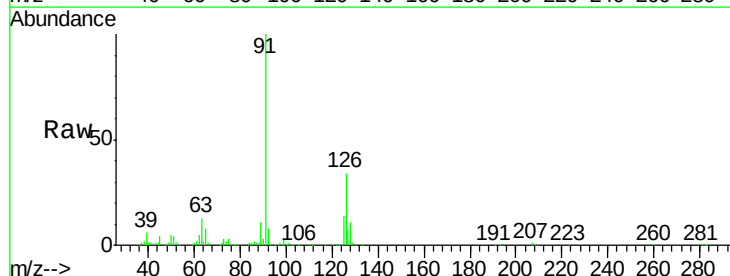
RT: 12.85 min Scan# 1823

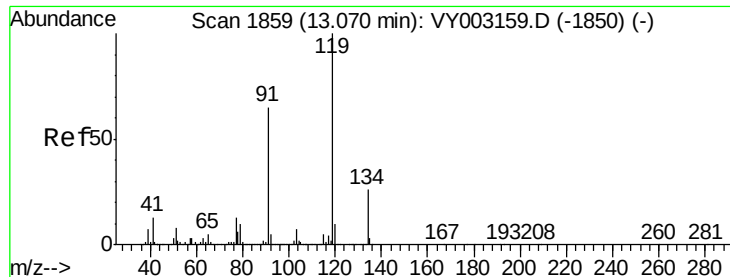
Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Tgt Ion:	91	Resp:	325532
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.9	53.7





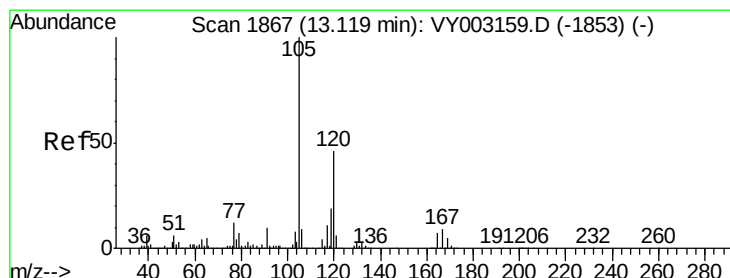
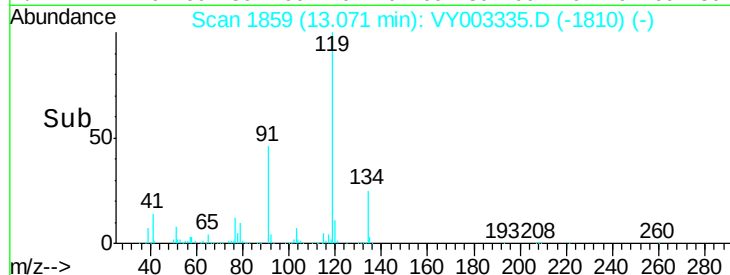
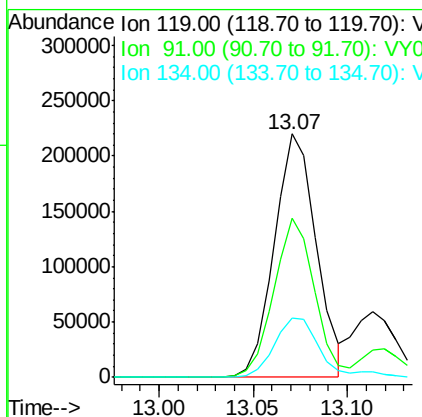
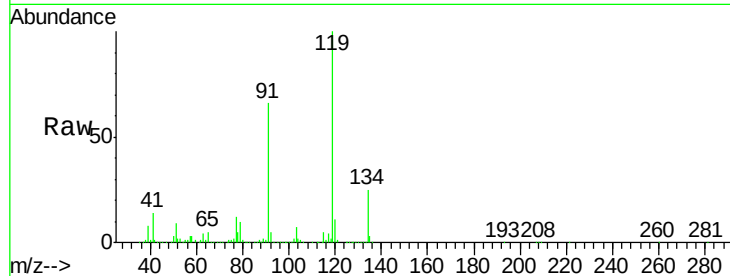
#83
 tert-Butylbenzene
 Concen: 19.954 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	30.8	92.4
134	26.8	13.2	39.6

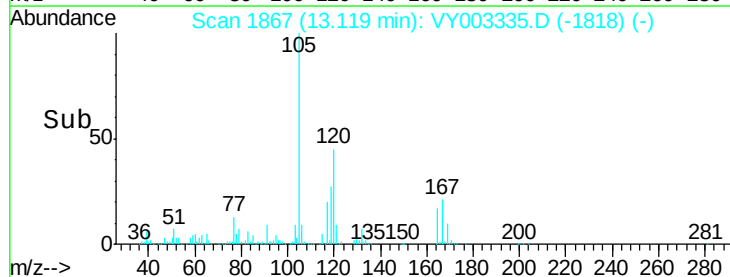
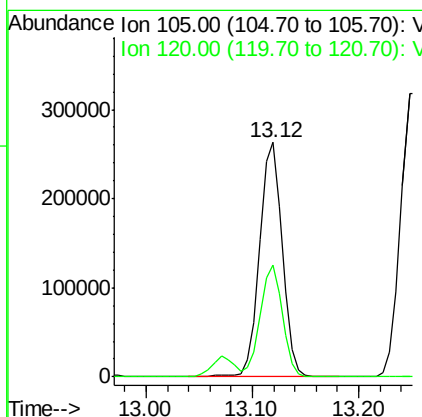
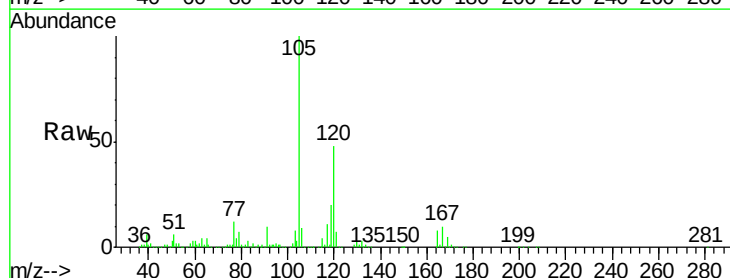
Manual Integrations
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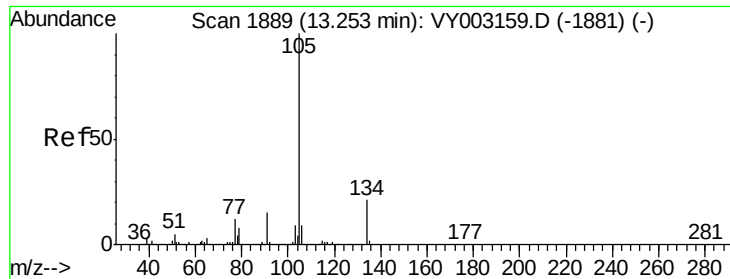
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.332 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.5	67.5





#85

sec-Butylbenzene

Concen: 20.775 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tot Ion:105 Resp: 485709

Ion Ratio Lower Upper

105 100

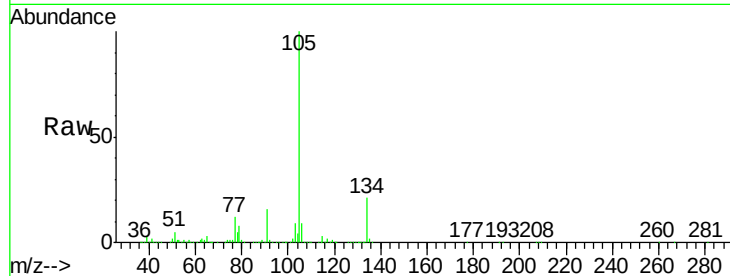
134 20.8 10.4 31.4

Manual Integrations

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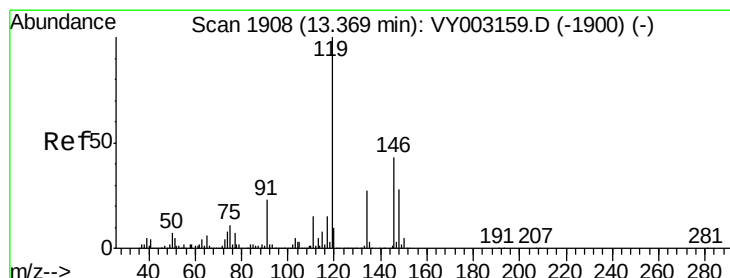
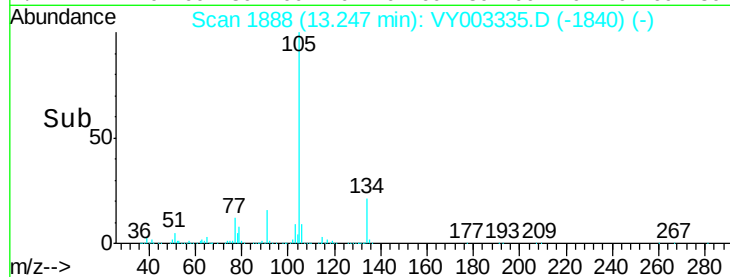
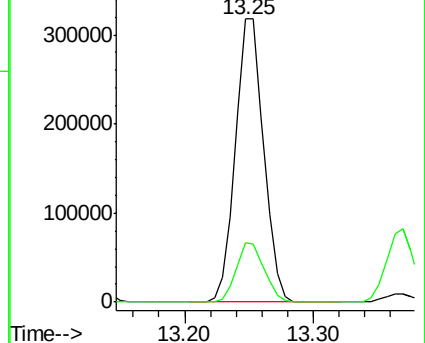
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.284 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

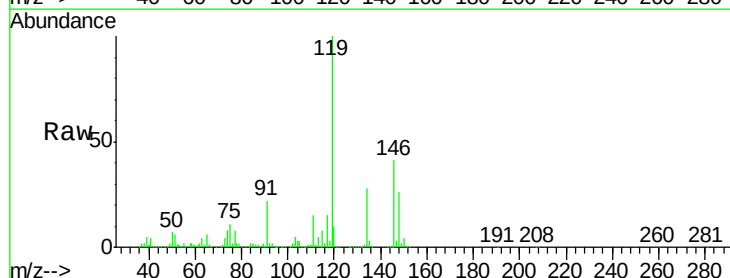
Tgt Ion:119 Resp: 442783

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

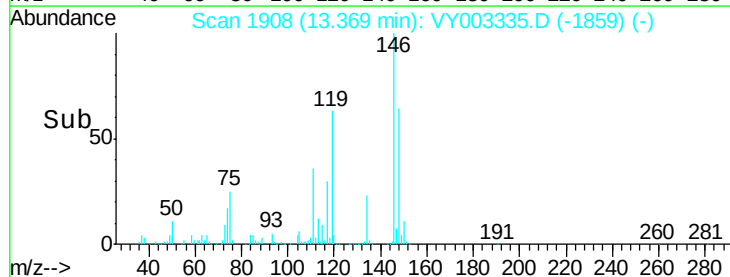
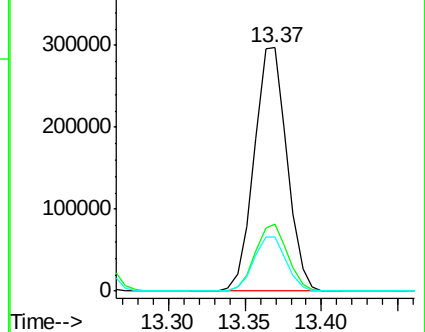
91 22.1 11.2 33.6

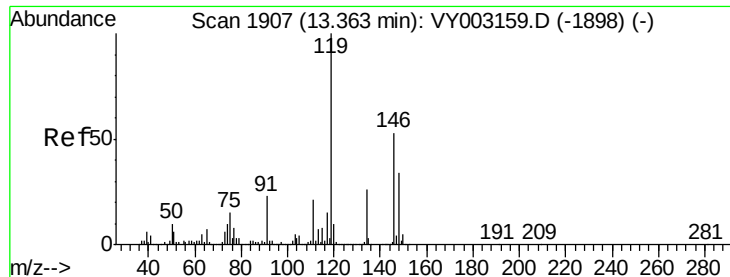


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.357 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

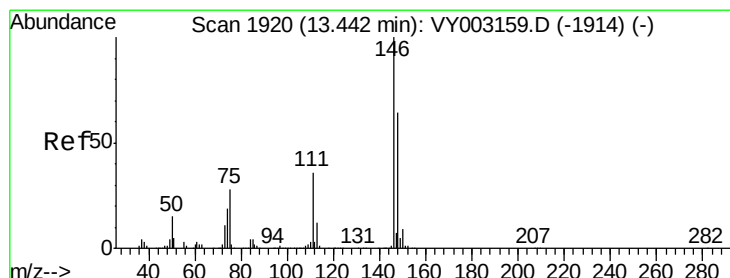
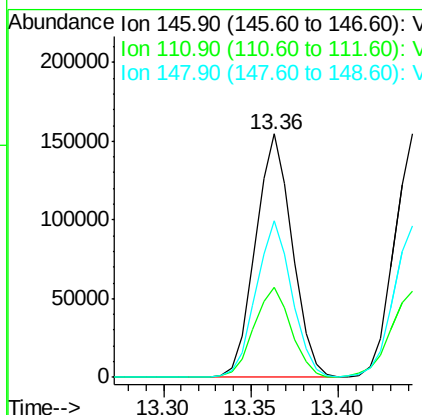
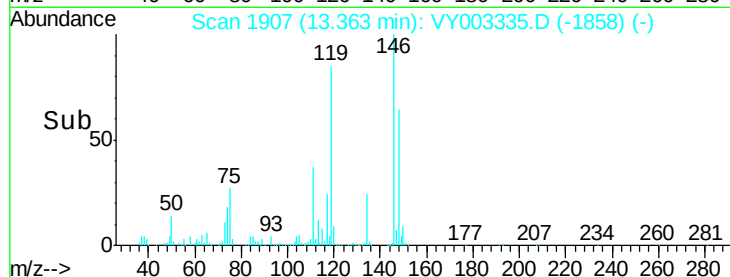
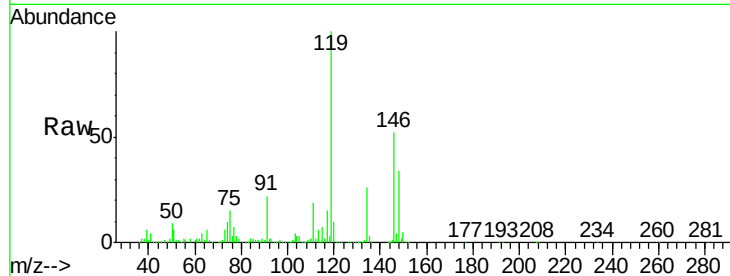
Instrument :
MSVOA_Y

ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	63.2	32.3	96.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.528 ug/l

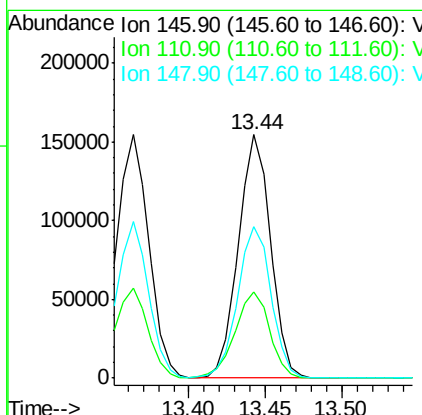
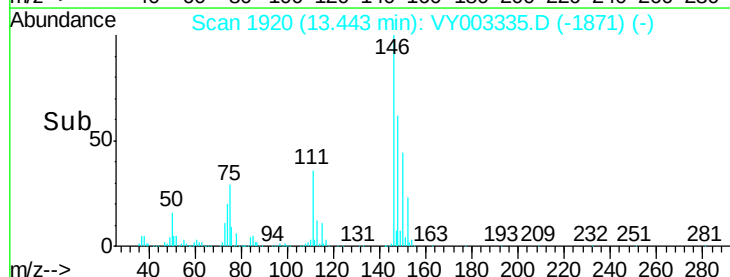
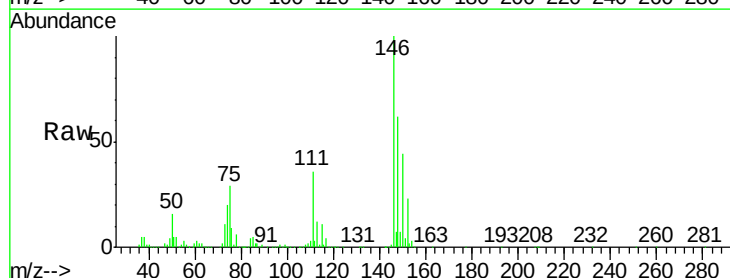
RT: 13.44 min Scan# 1920

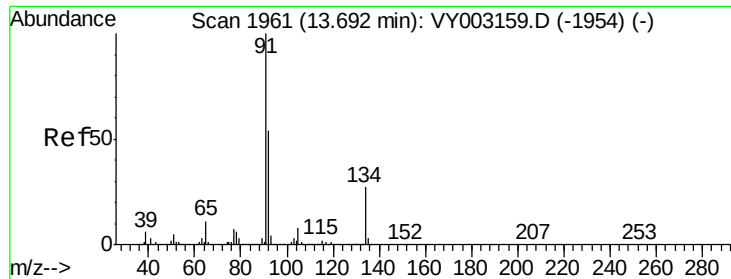
Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.0
148	64.6	32.0	96.0





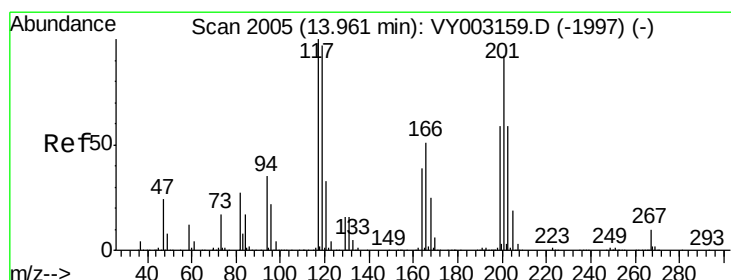
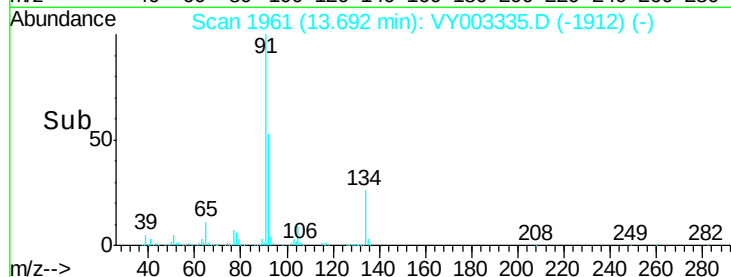
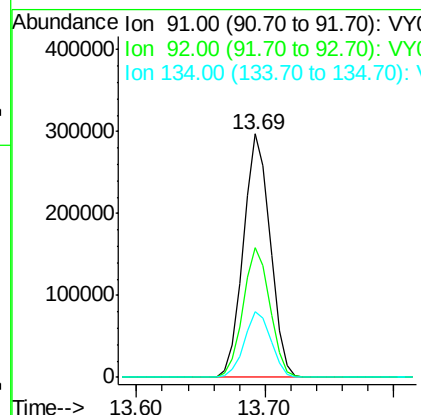
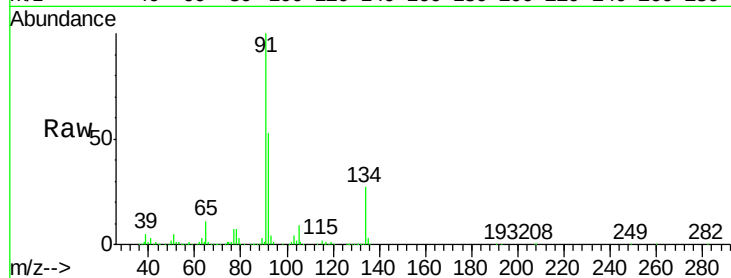
#89
n-Butylbenzene
Concen: 20.811 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.7
134	26.8	13.6	40.7

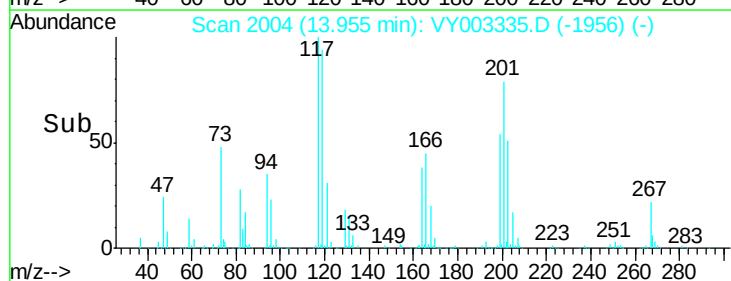
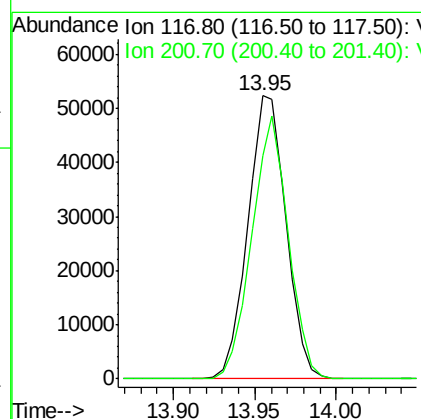
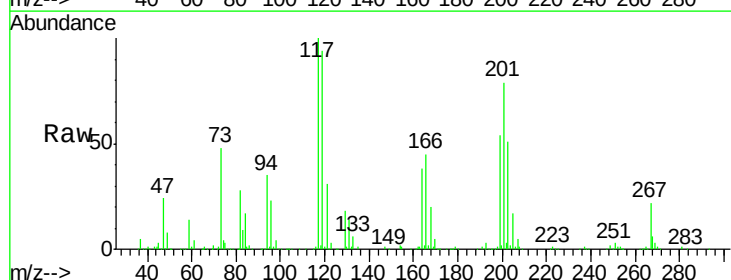
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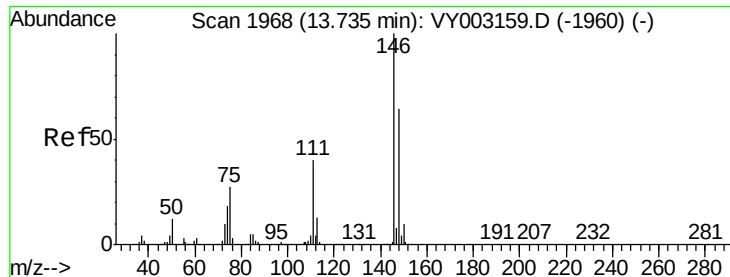
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#90
Hexachloroethane
Concen: 21.446 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003335.D
Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	45.1	135.3





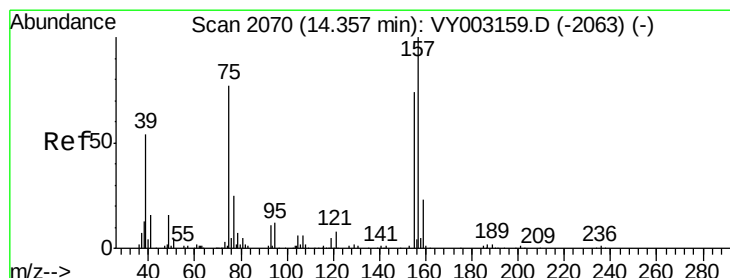
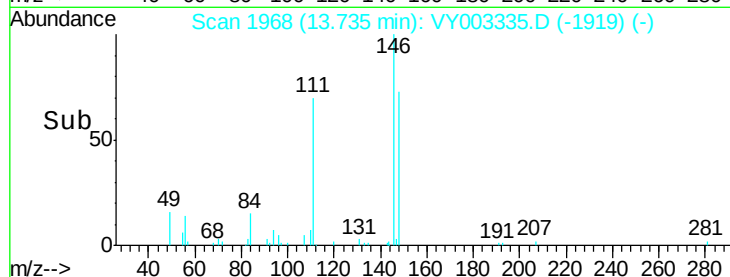
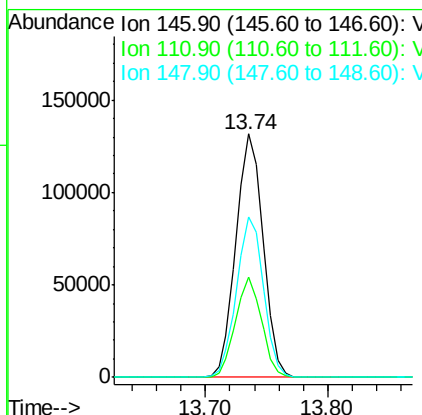
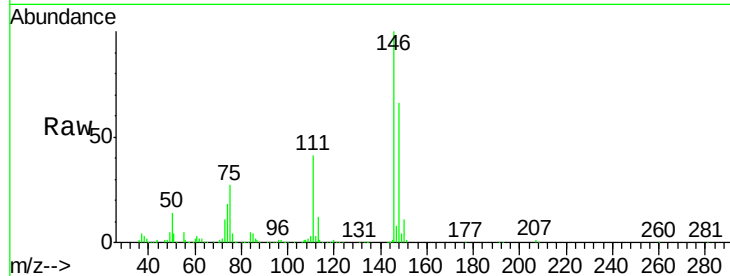
#91
 1,2-Dichlorobenzene
 Concen: 20.748 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	203003		
111	39.1	19.6	58.8	
148	65.1	32.4	97.0	

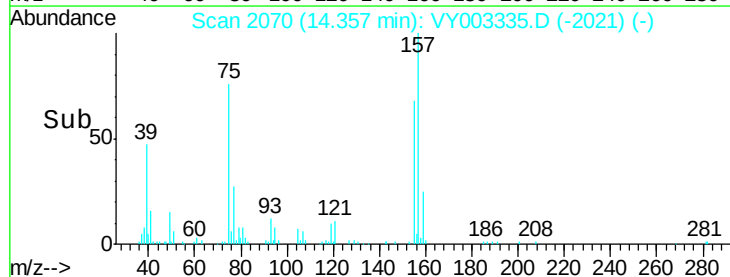
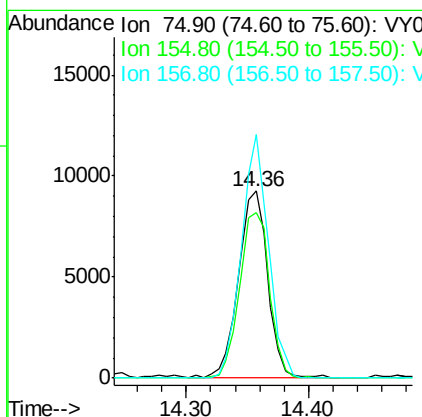
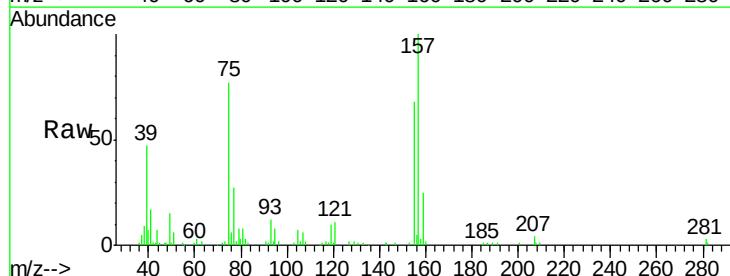
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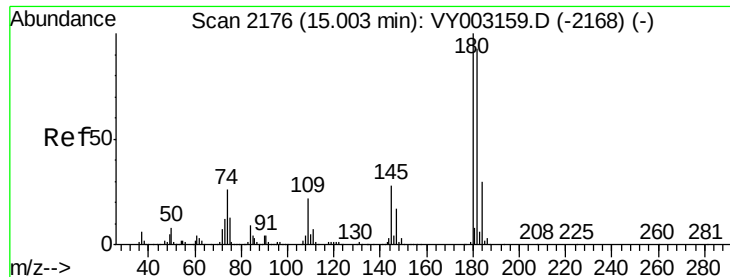
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.207 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15359		
155	90.9	48.1	144.3	
157	119.5	61.9	185.6	





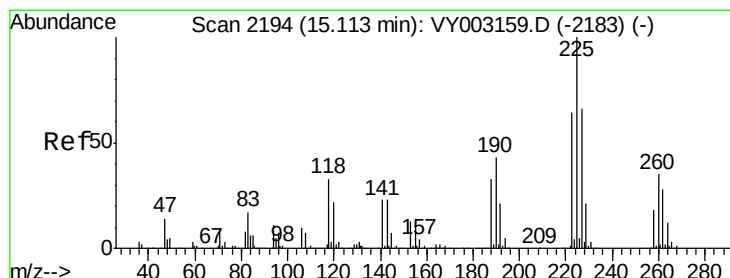
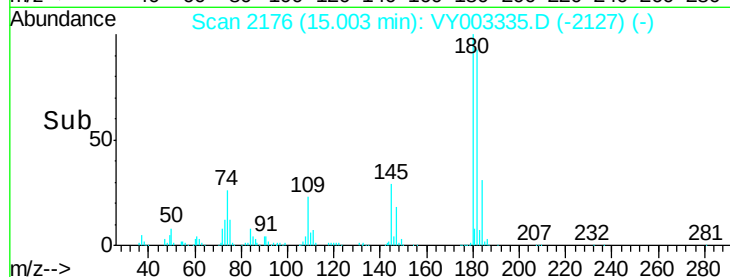
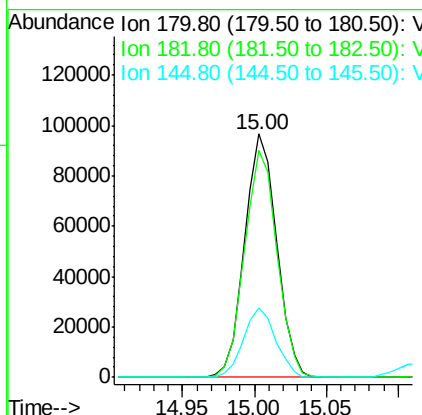
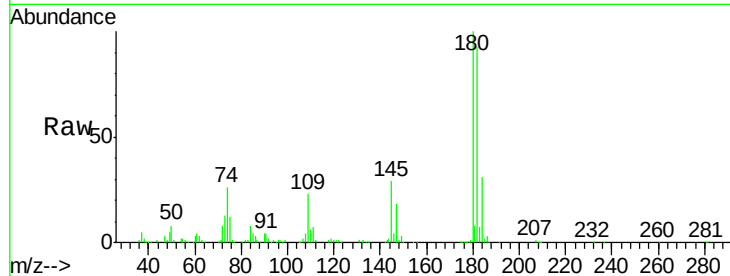
#93
 1,2,4-Trichlorobenzene
 Concen: 21.332 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.3	47.3	142.0	
145	28.5	13.7	41.1	

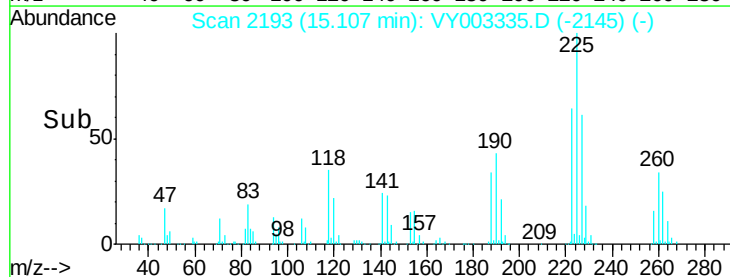
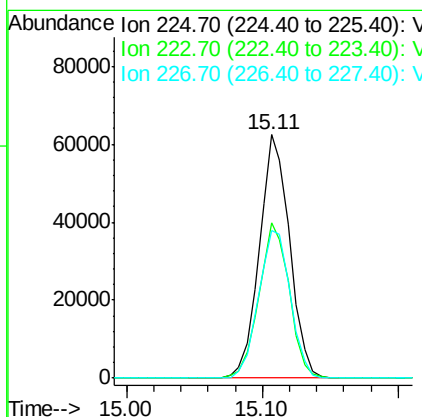
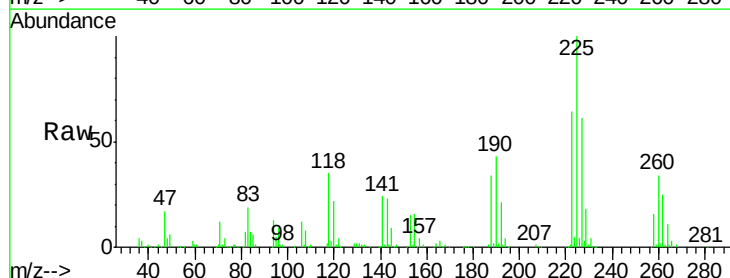
Manual Integrations
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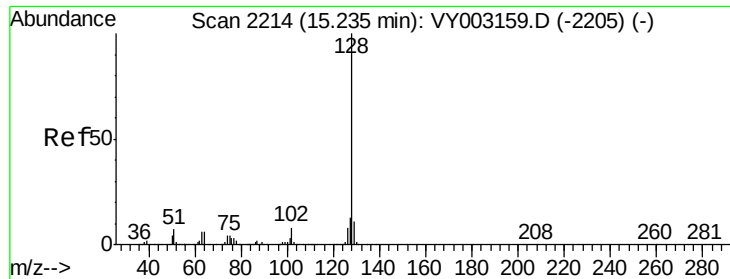
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#94
 Hexachlorobutadiene
 Concen: 20.367 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003335.D
 Acq: 24 Jul 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	31.6	94.7	
227	63.9	32.3	96.8	





#95

Naphthalene

Concen: 21.539 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Instrument :

MSVOA_Y

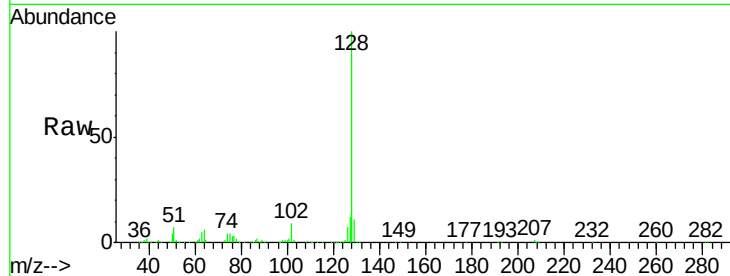
ClientSampleId :

VY0724SBS01

Tot Ion:	128	Resp:	247773
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.9	16.3
129	11.6	9.0	13.6

Manual Integrations
APPROVED

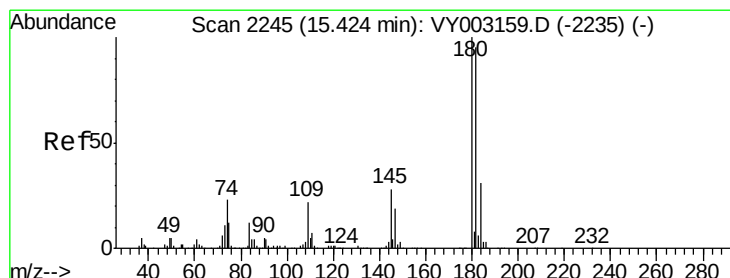
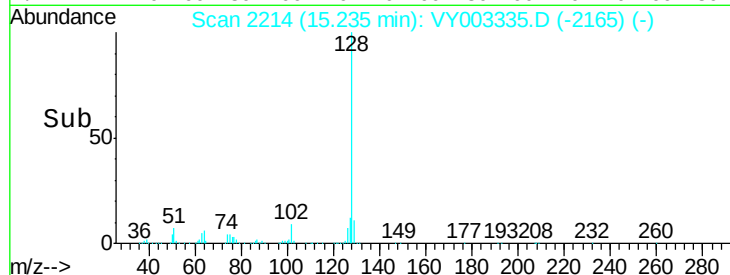
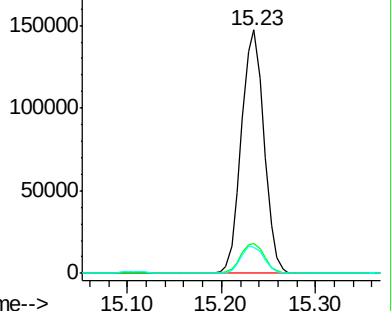
MMDadoda
7/27/2020 12:03:23 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.765 ug/l

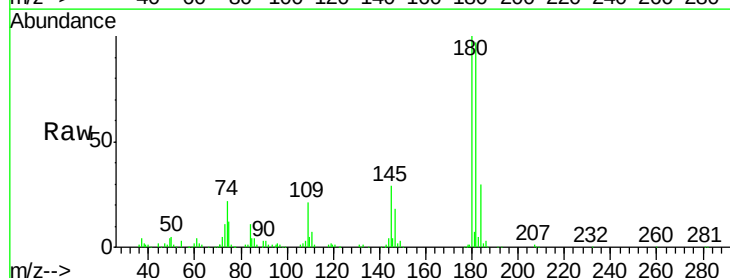
RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003335.D

Acq: 24 Jul 2020 16:26

Tgt Ion:	180	Resp:	119759
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.8	146.3
145	29.5	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

