

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003311.D
 Acq On : 23 Jul 2020 12:56
 Operator : SY/MD
 Sample : VY0723SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 12:58:28 PM

Quant Time: Jul 24 05:14:29 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	7.80	168	422804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	619606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	574728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	313554	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	184365	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
35) Dibromofluoromethane	7.72	113	174253	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.18	98	650675	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.48	95	233818	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	75946	25.062	ug/l	97
3) Chloromethane	2.12	50	97323	23.154	ug/l	100
4) Vinyl Chloride	2.25	62	100643	23.336	ug/l	99
5) Bromomethane	2.64	94	77099	24.068	ug/l	97
6) Chloroethane	2.79	64	66171	23.360	ug/l	97
7) Trichlorofluoromethane	3.13	101	150173	24.383	ug/l	99
8) Diethyl Ether	3.53	74	48742	23.617	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.90	101	86527	23.262	ug/l	98
10) Methyl Iodide	4.10	142	86017	21.285	ug/l	97
11) Tert butyl alcohol	4.96	59	49723	128.856	ug/l	95
12) 1,1-Dichloroethene	3.88	96	81056	23.038	ug/l	97
13) Acrolein	3.73	56	27013	80.652	ug/l	95
14) Allyl chloride	4.49	41	133625	25.596	ug/l	95
15) Acrylonitrile	5.18	53	127550	128.658	ug/l	99
16) Acetone	3.96	43	99559	124.898	ug/l	95
17) Carbon Disulfide	4.19	76	251129	23.261	ug/l	99
18) Methyl Acetate	4.49	43	59967	27.089	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	229431	23.270	ug/l	98
20) Methylene Chloride	4.72	84	120131	27.478	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	90655	22.781	ug/l	94
22) Diisopropyl ether	6.13	45	289751	25.008	ug/l	96
23) Vinyl Acetate	6.07	43	944832	122.346	ug/l	99
24) 1,1-Dichloroethane	6.03	63	160054	23.844	ug/l	99
25) 2-Butanone	6.99	43	163737	125.105	ug/l	93
26) 2,2-Dichloropropane	6.99	77	142457	23.565	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	100867	23.022	ug/l	97
28) Bromochloromethane	7.34	49	68332	23.513	ug/l	95
29) Tetrahydrofuran	7.35	42	110912	126.147	ug/l	96
30) Chloroform	7.52	83	160979	23.285	ug/l	94
31) Cyclohexane	7.78	56	152534	23.500	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	144167	23.163	ug/l	99
36) 1,1-Dichloropropene	7.92	75	126172	22.468	ug/l	99
37) Ethyl Acetate	7.08	43	75320	24.906	ug/l	98
38) Carbon Tetrachloride	7.91	117	131795	22.734	ug/l	95

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Manual Integrations
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MMDadoda
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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	9.19	83	155466	22.038	ug/l	95
40) Benzene	8.16	78	359122	23.225	ug/l	96
41) Methacrylonitrile	7.32	41	40453m	22.210	ug/l	
42) 1,2-Dichloroethane	8.24	62	110341	23.179	ug/l	100
43) Isopropyl Acetate	8.28	43	138016	23.577	ug/l	99
44) Trichloroethene	8.94	130	102263	21.574	ug/l	98
45) 1,2-Dichloropropane	9.22	63	94834	23.702	ug/l	95
46) Dibromomethane	9.31	93	52589	22.504	ug/l	99
47) Bromodichloromethane	9.50	83	128308	23.086	ug/l	98
48) Methyl methacrylate	9.30	41	62532	23.895	ug/l	94
49) 1,4-Dioxane	9.30	88	13443	453.258	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	371146	121.983	ug/l	98
52) Toluene	10.24	92	224449	22.710	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	133889	23.251	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	154726	23.320	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	74697	22.557	ug/l	96
56) Ethyl methacrylate	10.51	69	103340	22.954	ug/l	98
57) 1,3-Dichloropropane	10.79	76	128261	22.844	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	274812	119.691	ug/l	98
59) 2-Hexanone	10.83	43	259412	122.136	ug/l	99
60) Dibromochloromethane	10.99	129	94648	22.725	ug/l	100
61) 1,2-Dibromoethane	11.09	107	72491	22.180	ug/l	99
64) Tetrachloroethene	10.72	164	102451	19.993	ug/l	98
65) Chlorobenzene	11.52	112	244986	22.127	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	95582	22.227	ug/l	99
67) Ethyl Benzene	11.59	91	445628	22.542	ug/l	100
68) m/p-Xylenes	11.70	106	332023	44.265	ug/l	99
69) o-Xylene	12.03	106	155330	22.167	ug/l	97
70) Styrene	12.04	104	270686	22.581	ug/l	100
71) Bromoform	12.20	173	62677	22.207	ug/l	100
73) Isopropylbenzene	12.33	105	432080	21.624	ug/l	100
74) N-amyl acetate	12.14	43	126727	22.603	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	87865	22.768	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	60625m	21.843	ug/l	
77) Bromobenzene	12.61	156	110741	21.742	ug/l	99
78) n-propylbenzene	12.67	91	527343	22.389	ug/l	99
79) 2-Chlorotoluene	12.75	91	287298	21.862	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	369418	22.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30590	21.450	ug/l	98
82) 4-Chlorotoluene	12.85	91	302425	22.048	ug/l	99
83) tert-Butylbenzene	13.07	119	327080	22.258	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	367962	21.959	ug/l	99
85) sec-Butylbenzene	13.25	105	449925	22.277	ug/l	100
86) p-Isopropyltoluene	13.37	119	414619	21.986	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	212118	22.023	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	210876	22.114	ug/l	99
89) n-Butylbenzene	13.69	91	397290	22.397	ug/l	99
90) Hexachloroethane	13.96	117	80613	23.473	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	190430	22.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14197	22.691	ug/l	96

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBSD01

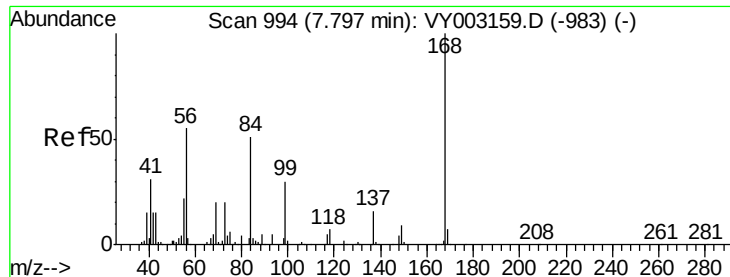
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	138849	23.090	ug/l	100
94) Hexachlorobutadiene	15.11	225	91669	22.248	ug/l	99
95) Naphthalene	15.23	128	231217	23.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	111788	23.517	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion:168 Resp: 422804

Ion Ratio Lower Upper

168 100

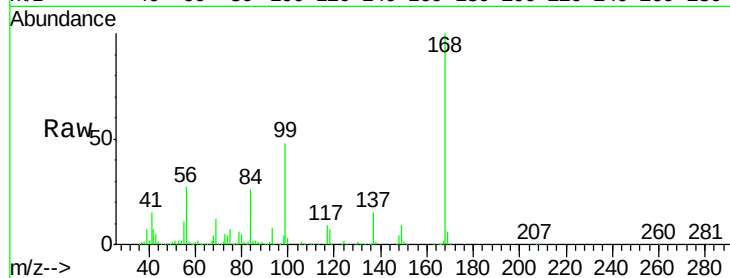
99 48.1 37.3 55.9

Manual Integrations

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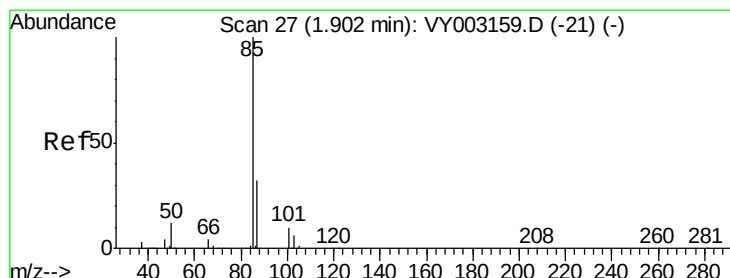
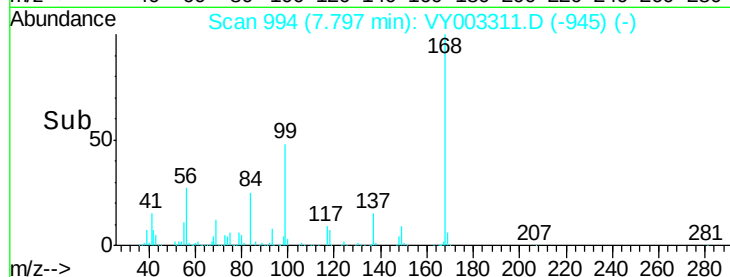
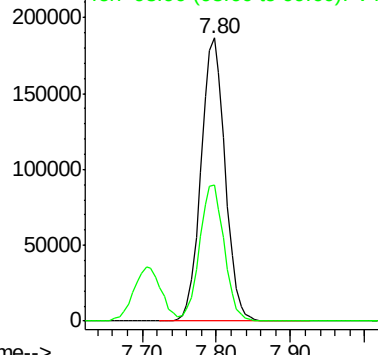
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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 25.062 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003311.D

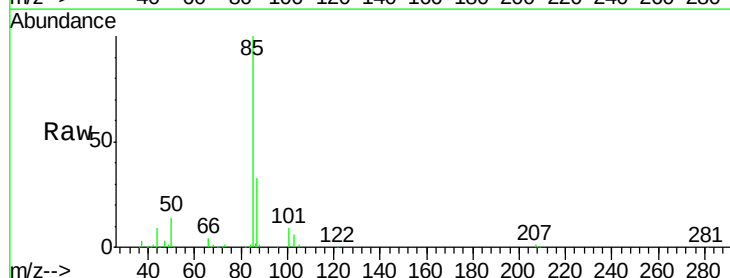
Acq: 23 Jul 2020 12:56

Tgt Ion: 85 Resp: 75946

Ion Ratio Lower Upper

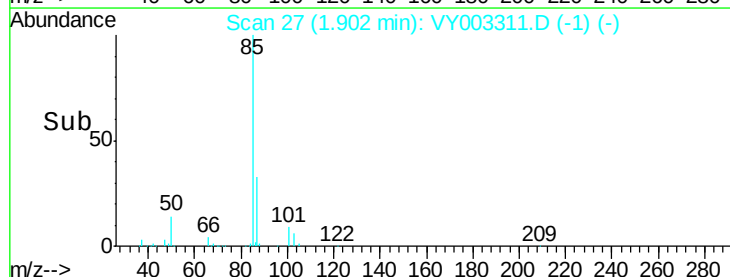
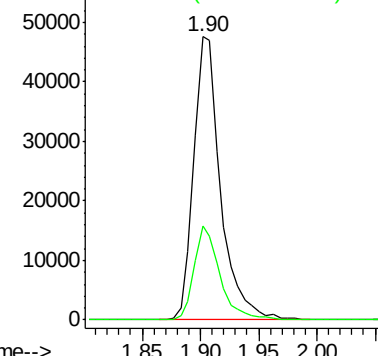
85 100

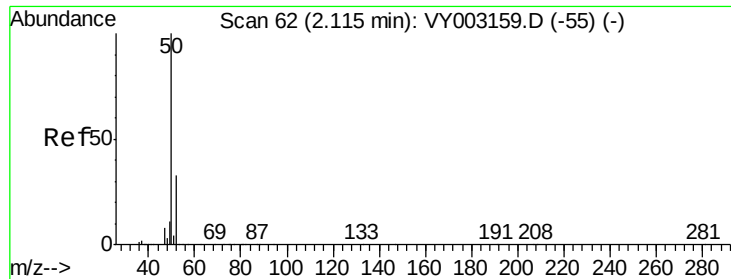
87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 23.154 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 50 Resp: 97323

Ion Ratio Lower Upper

50 100

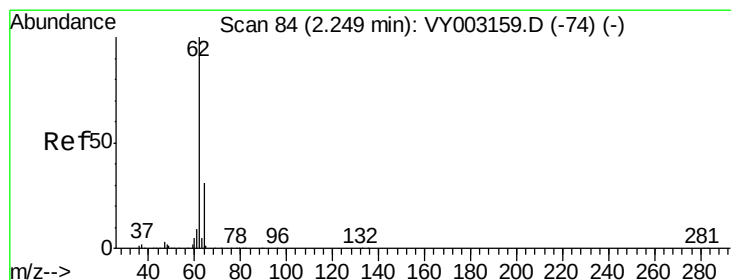
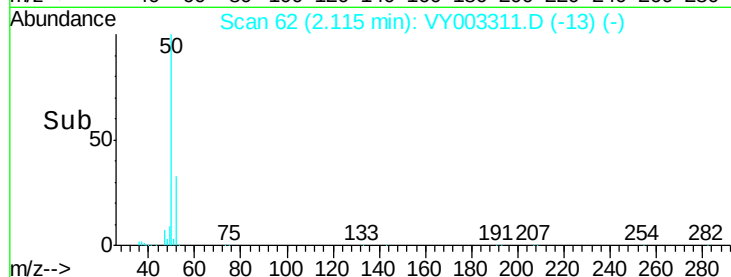
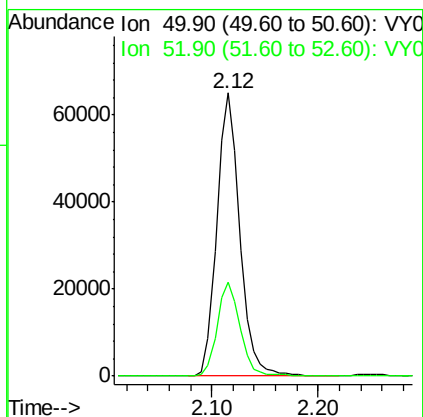
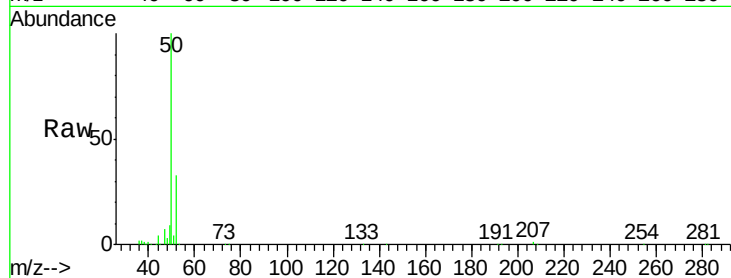
52 33.4 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.336 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY003311.D

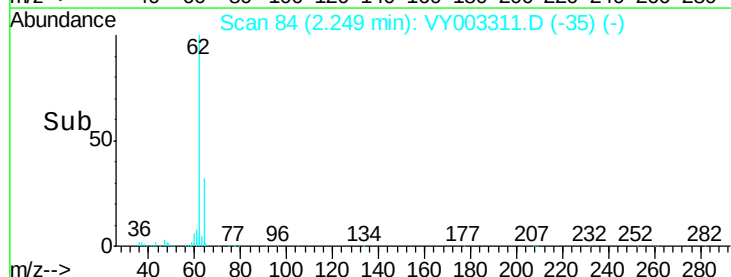
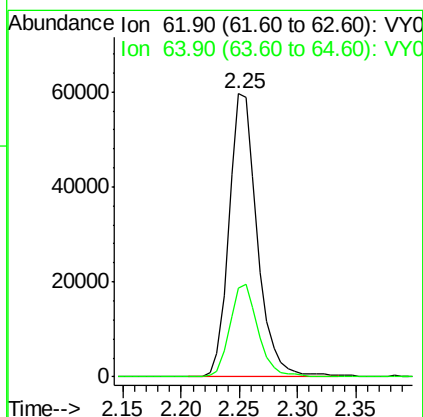
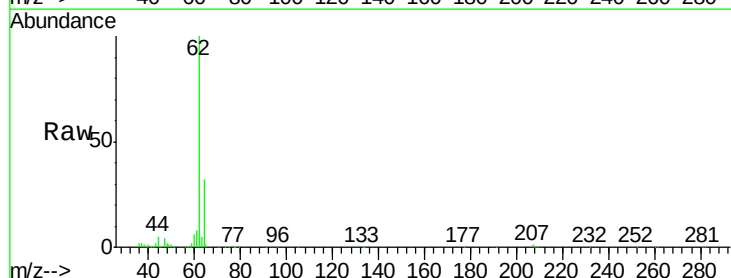
Acq: 23 Jul 2020 12:56

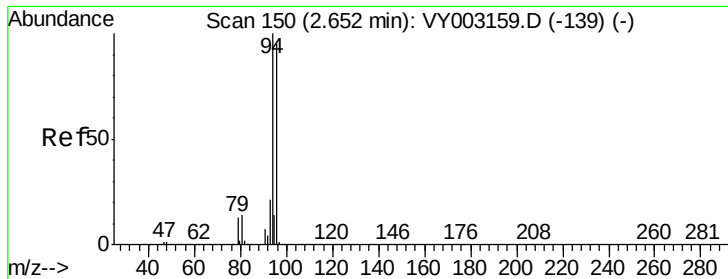
Tgt Ion: 62 Resp: 100643

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 24.068 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 94 Resp: 77099

Ion Ratio Lower Upper

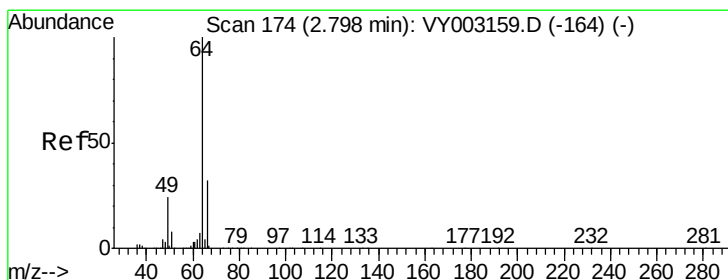
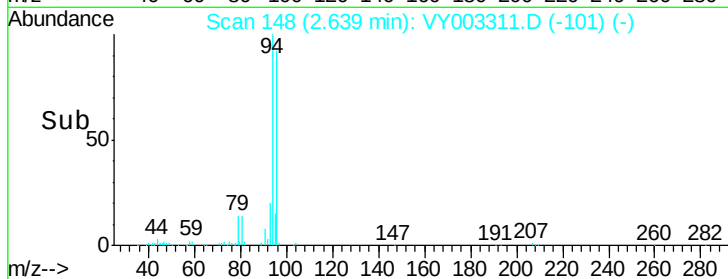
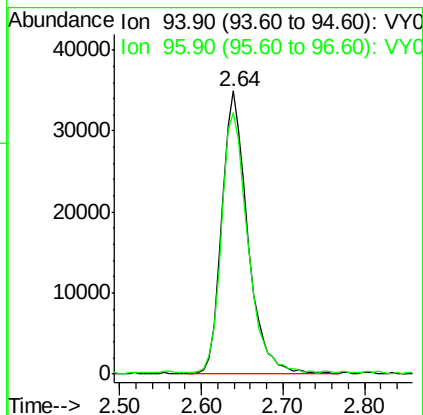
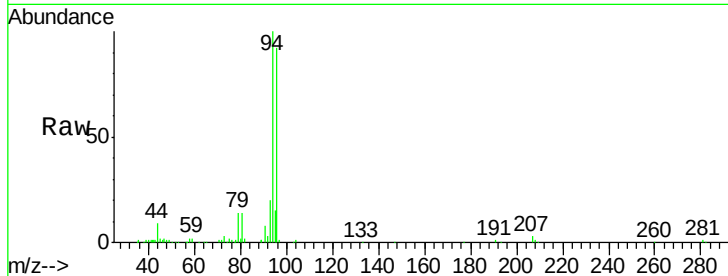
94 100

96 91.7 76.0 114.0

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 23.360 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003311.D

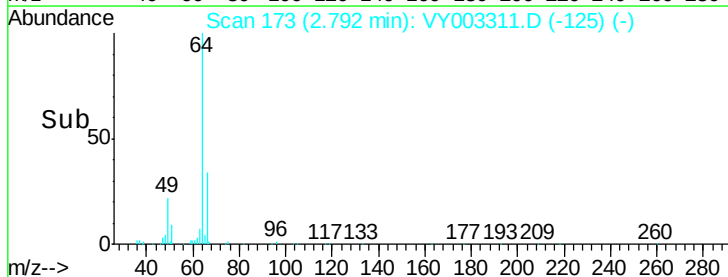
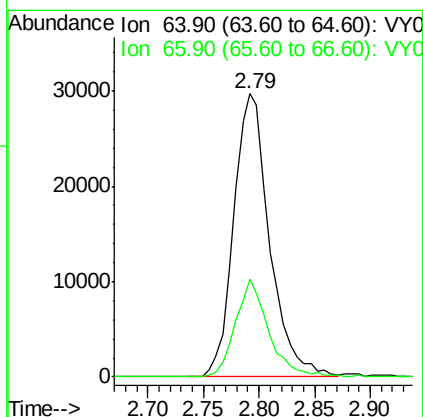
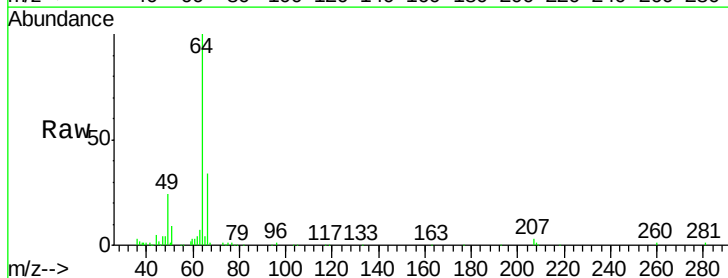
Acq: 23 Jul 2020 12:56

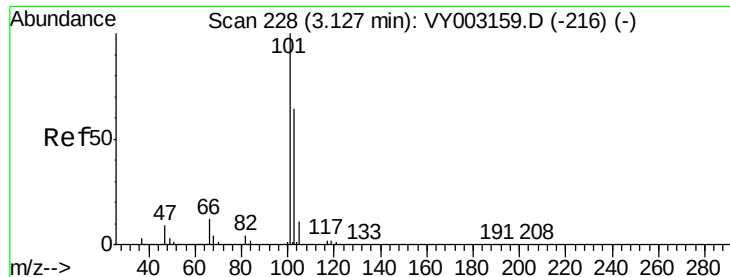
Tgt Ion: 64 Resp: 66171

Ion Ratio Lower Upper

64 100

66 34.4 26.0 39.0





#7

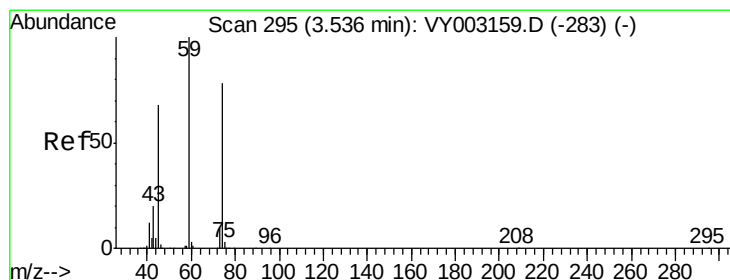
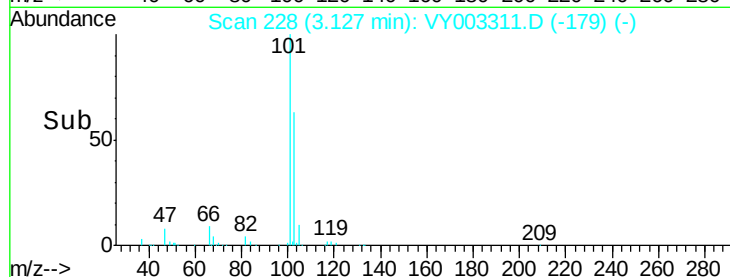
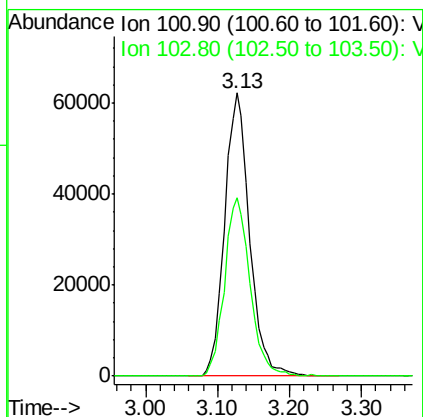
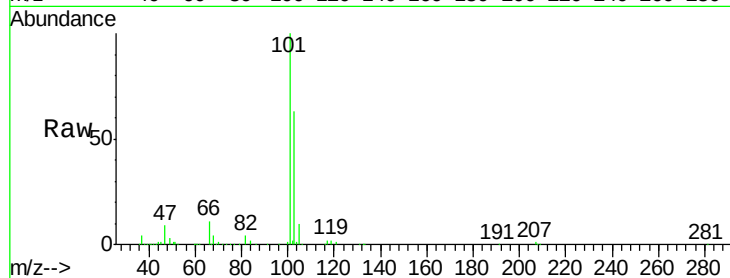
Trichlorofluoromethane
 Concen: 24.383 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
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 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.3	76.9

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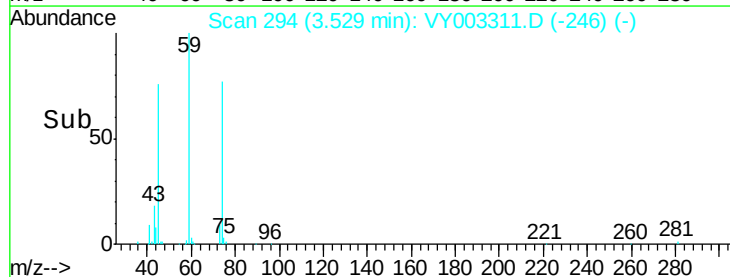
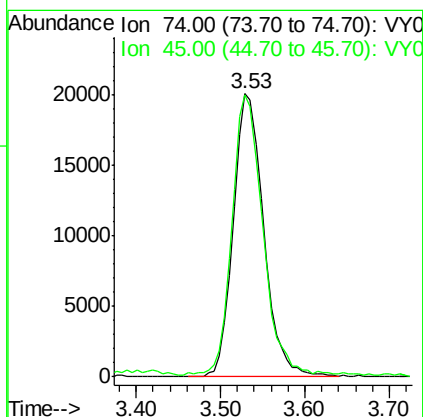
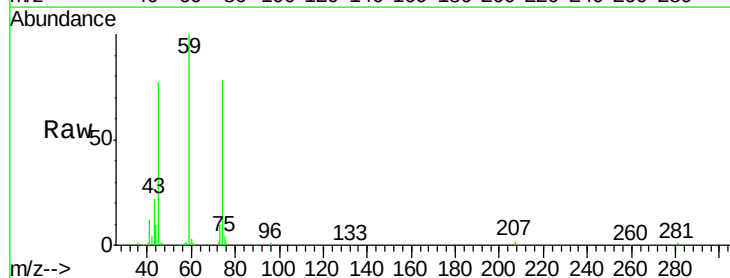
MMDadoda
 7/24/2020 12:58:28 PM

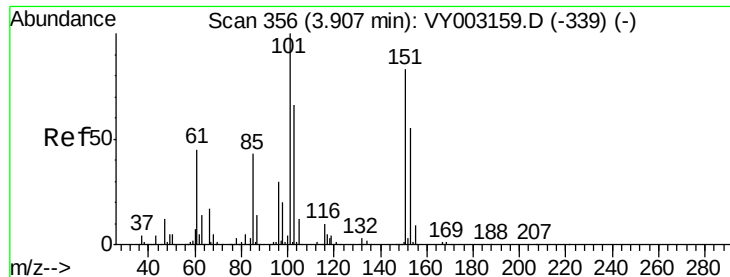


#8

Diethyl Ether
 Concen: 23.617 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.262 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

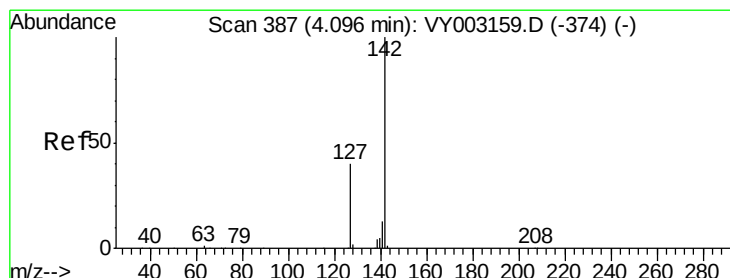
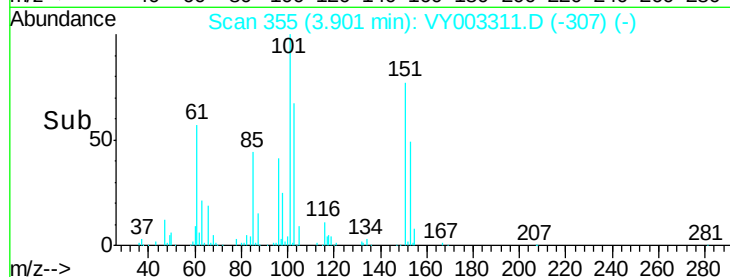
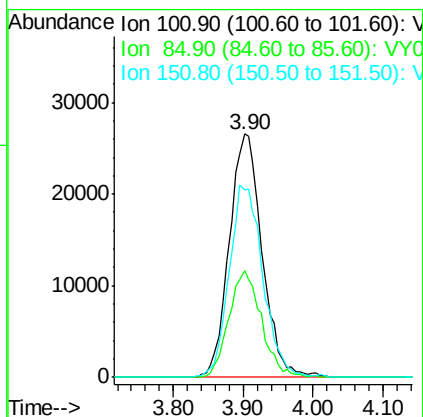
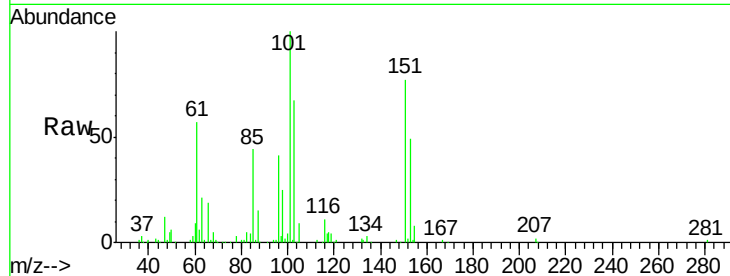
ClientSampleId :

VY0723SBS01

Tot Ion:	101	Resp:	86527
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.9	52.3
151	80.7	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 21.285 ug/l

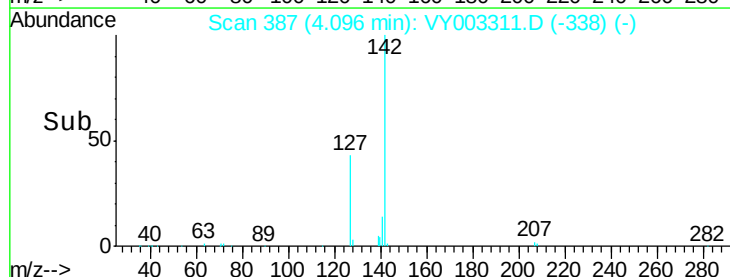
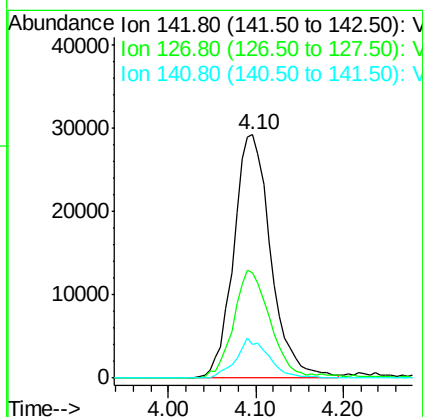
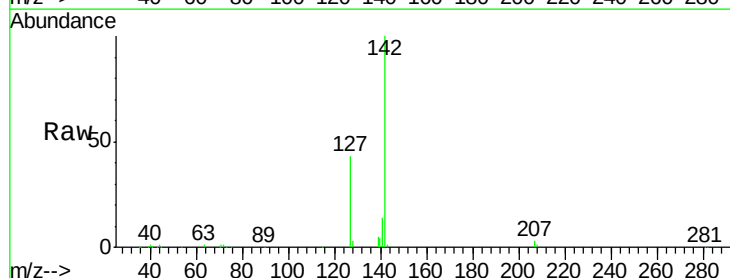
RT: 4.10 min Scan# 387

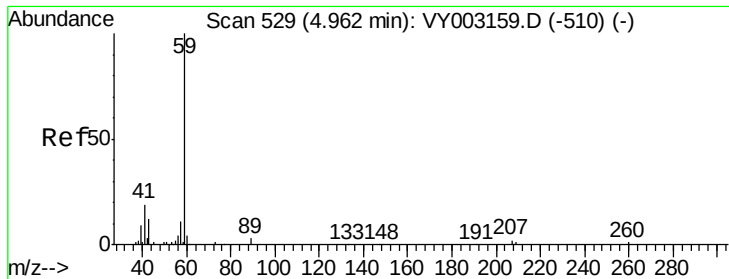
Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion:	142	Resp:	86017
Ion Ratio	Lower	Upper	
142	100		
127	44.3	33.5	50.3
141	14.5	11.2	16.8





#11

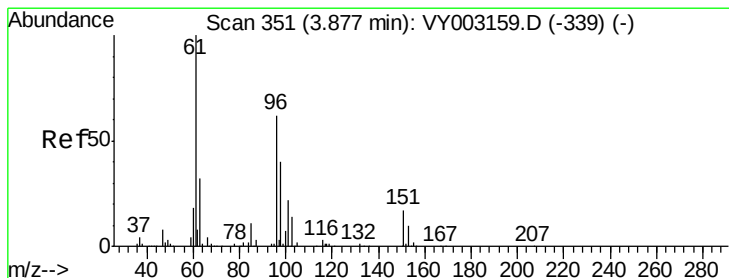
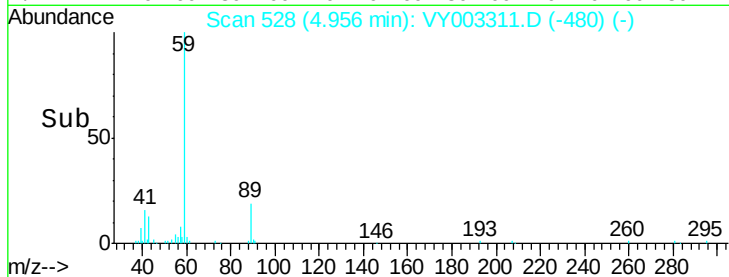
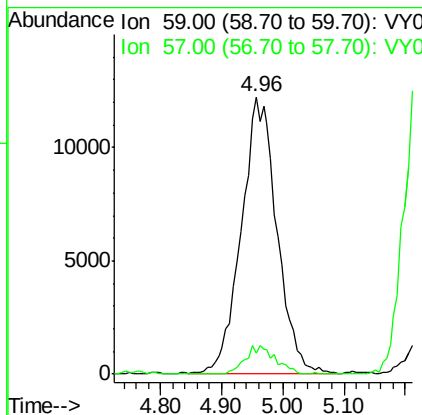
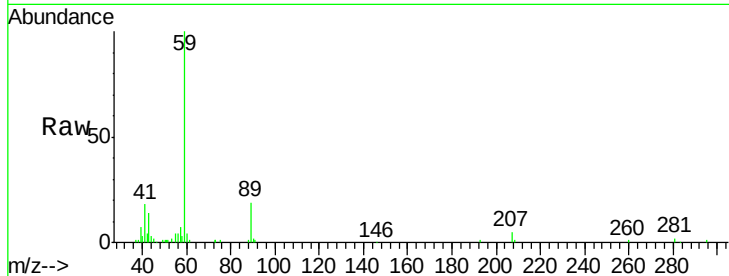
Tert butyl alcohol
 Concen: 128.856 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.5	8.4	12.6

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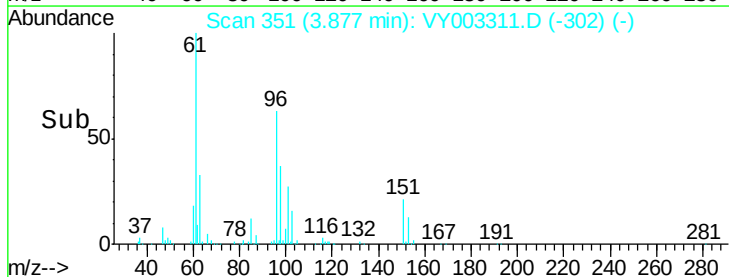
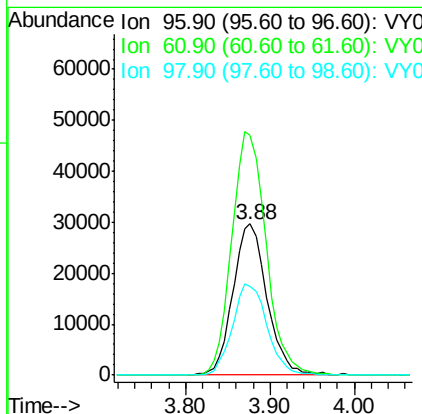
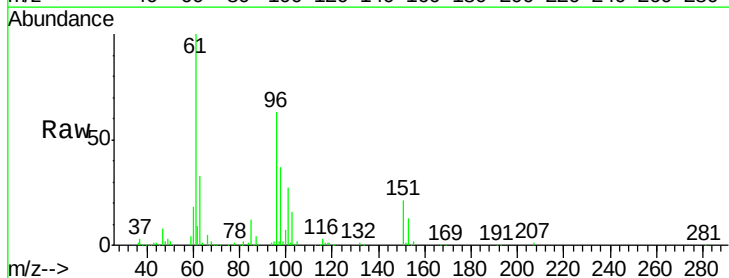
MMDadoda
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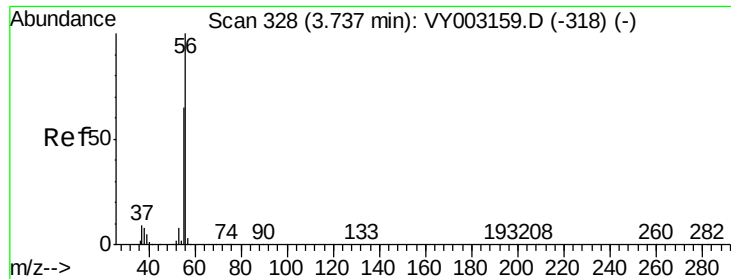


#12

1,1-Dichloroethene
 Concen: 23.038 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	128.6	193.0
98	59.0	51.6	77.4





#13

Acrolein

Concen: 80.652 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 56 Resp: 27013

Ion Ratio Lower Upper

56 100

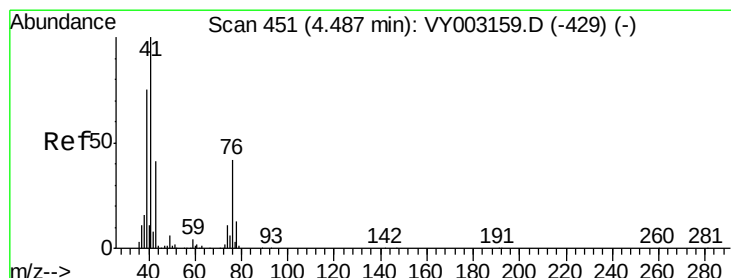
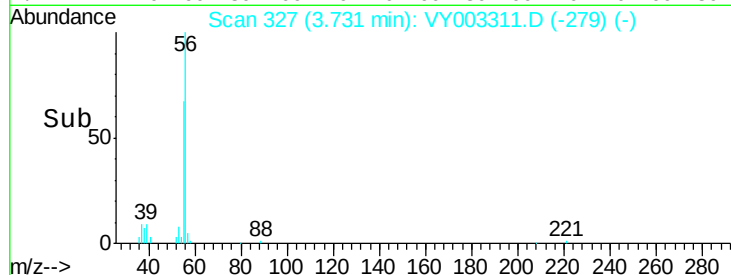
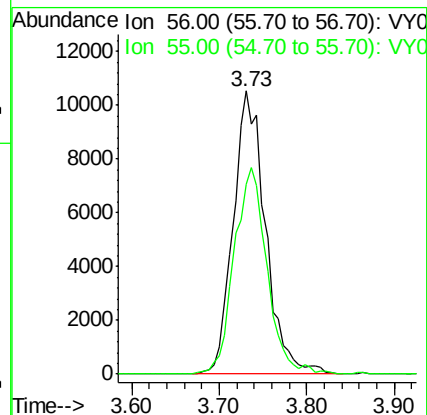
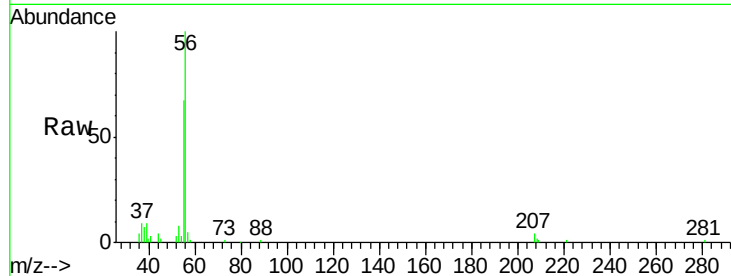
55 74.2 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 25.596 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

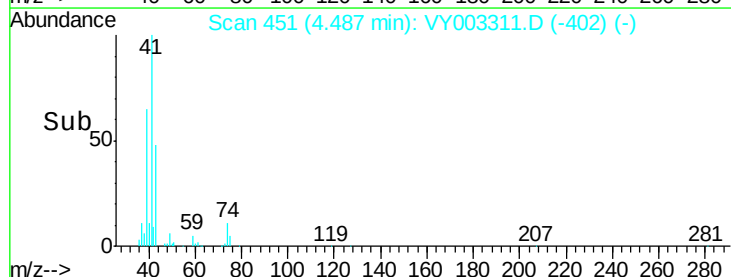
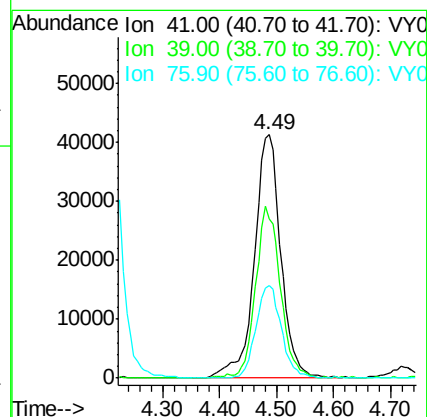
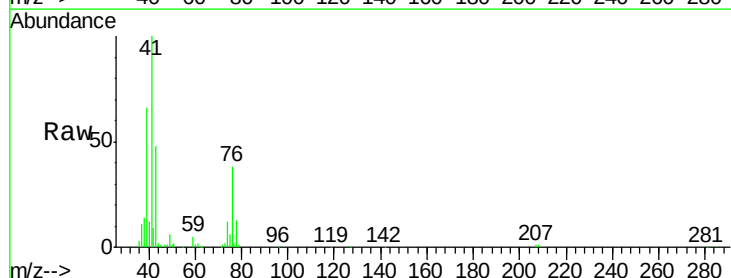
Tgt Ion: 41 Resp: 133625

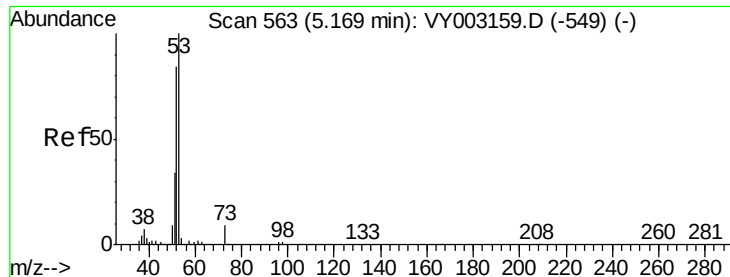
Ion Ratio Lower Upper

41 100

39 66.1 56.6 85.0

76 36.5 31.6 47.4





#15

Acrylonitrile

Concen: 128.658 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

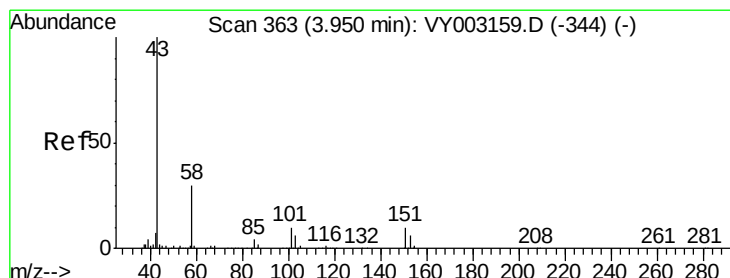
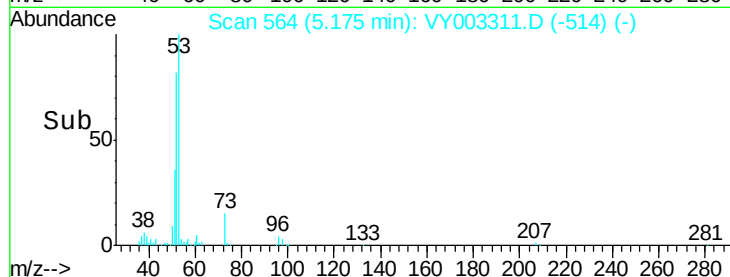
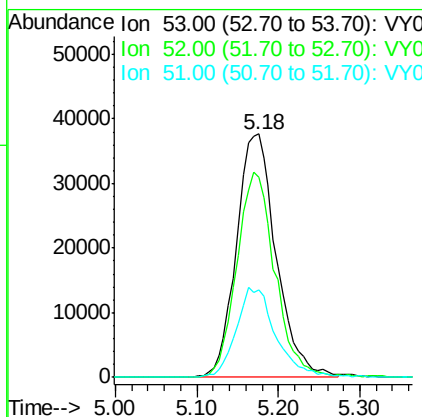
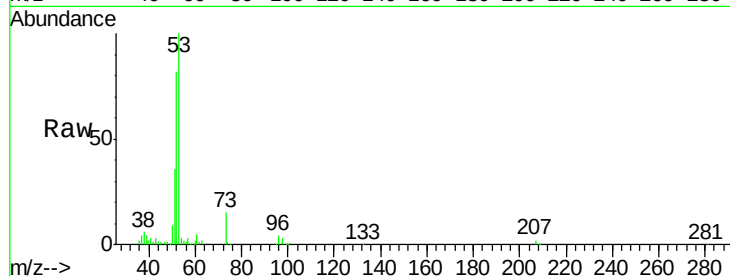
ClientSampleId :

VY0723SBS01

Tot Ion:	53	Resp:	127550
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.8	98.6
51	36.7	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 124.898 ug/l

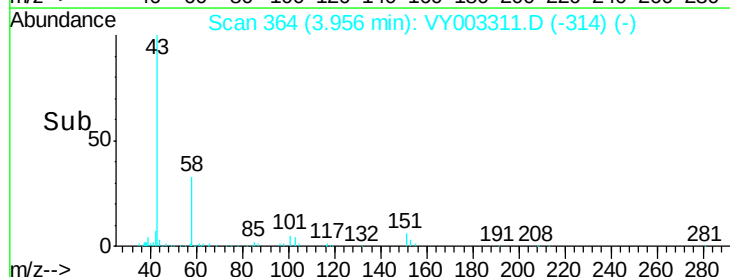
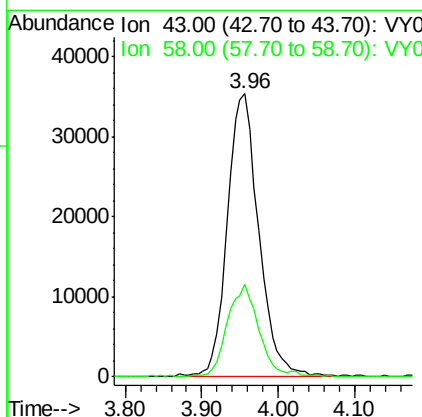
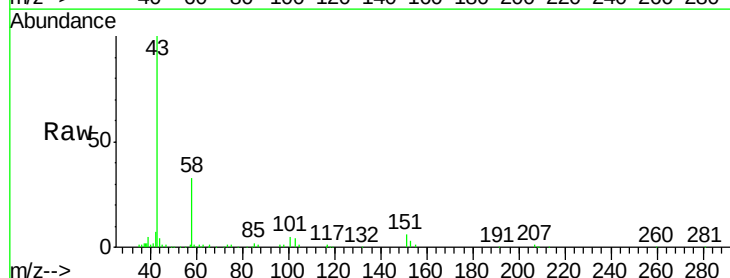
RT: 3.96 min Scan# 364

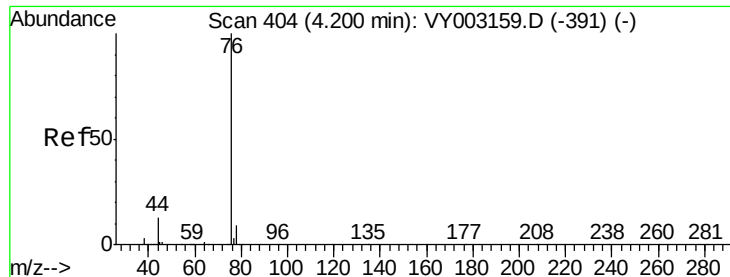
Delta R.T. 0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion:	43	Resp:	99559
Ion Ratio	Lower	Upper	
43	100		
58	32.6	23.8	35.6





#17

Carbon Disulfide

Concen: 23.261 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 76 Resp: 251129

Ion Ratio Lower Upper

76 100

78 8.6

7.3

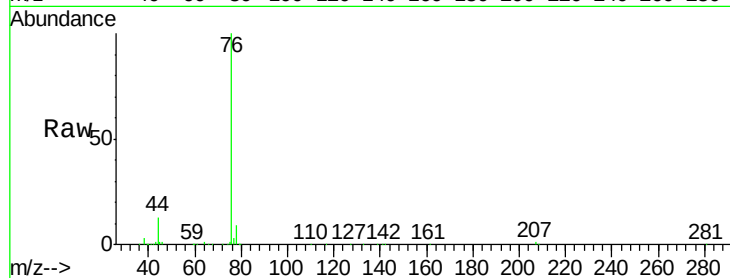
10.9

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

100000

80000

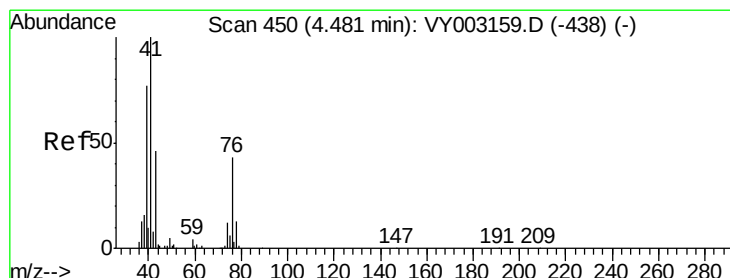
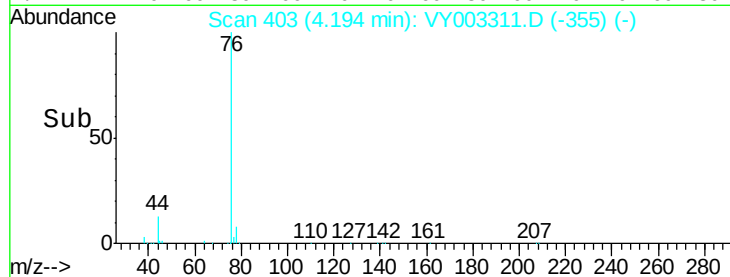
60000

40000

20000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 27.089 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion: 43 Resp: 59967

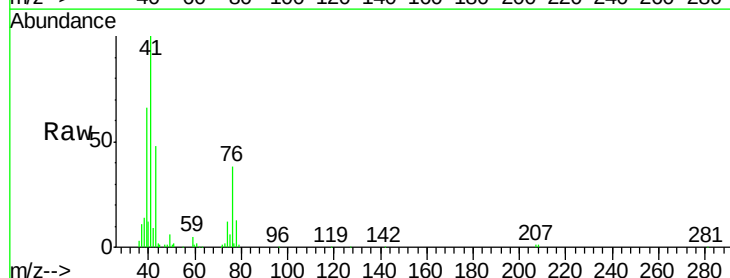
Ion Ratio Lower Upper

43 100

74 24.0

20.8

31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

20000

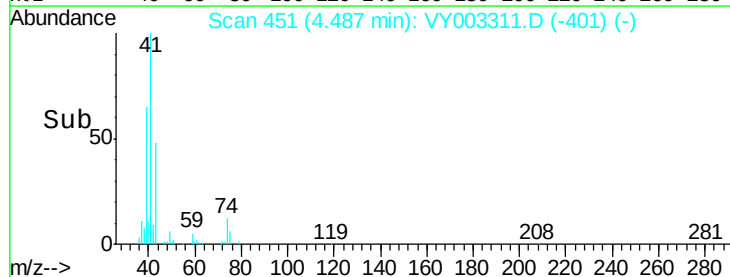
15000

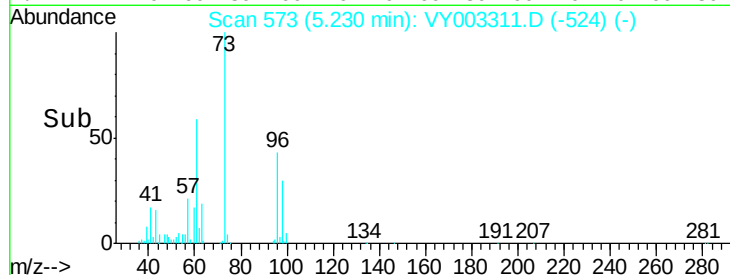
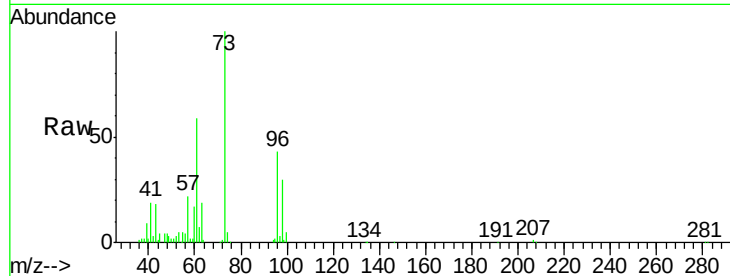
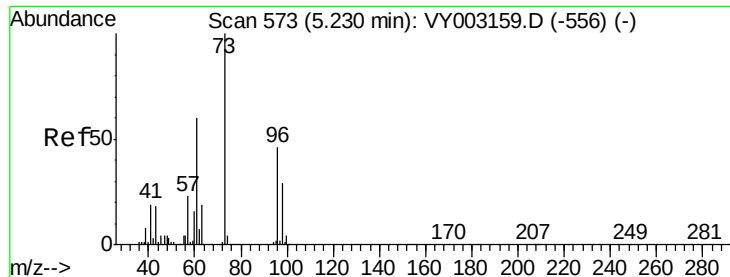
10000

5000

0

Time--> 4.30 4.40 4.50 4.60 4.70





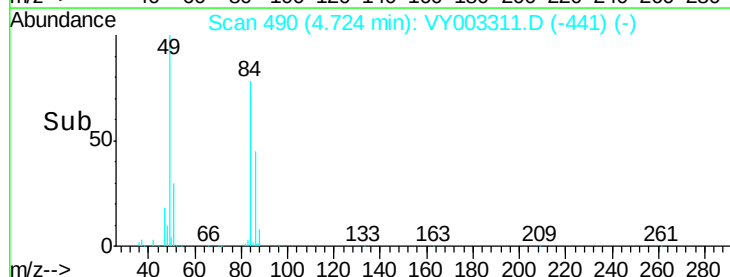
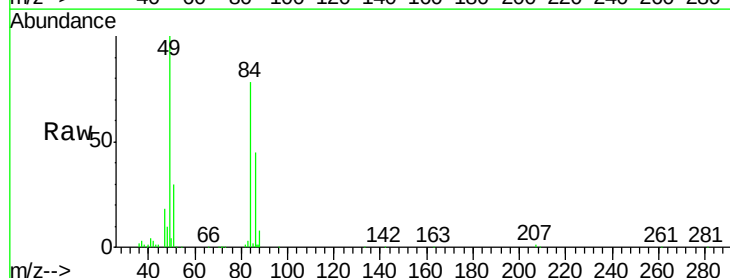
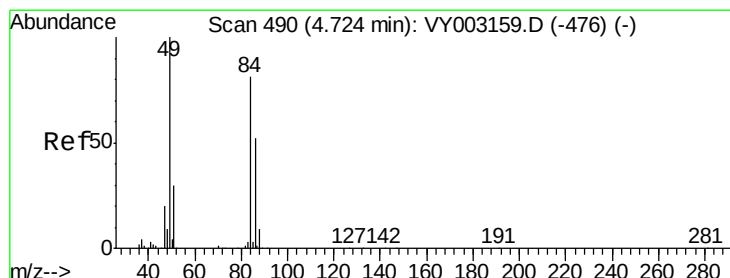
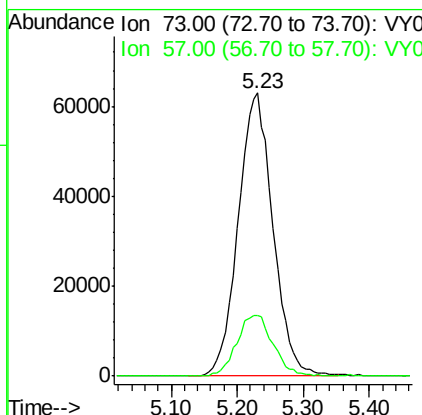
#19
Methyl tert-butyl Ether
Concen: 23.270 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	21.6	18.1	27.1

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

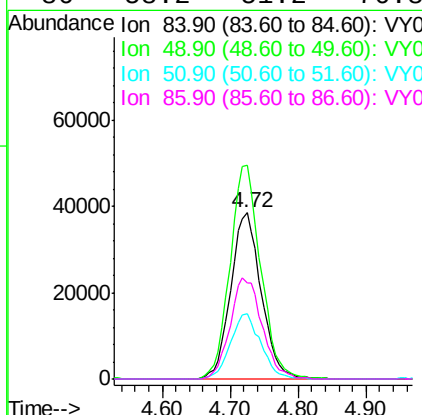
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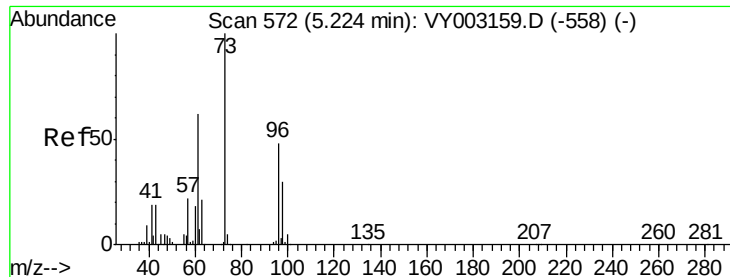
MMDadoda
7/24/2020 12:58:28 PM



#20
Methylene Chloride
Concen: 27.478 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	128.7	98.2	147.4
51	51	39.0	29.8	44.6
86	86	58.2	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 22.781 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 96 Resp: 90655

Ion Ratio Lower Upper

96 100

61 137.1 102.5 153.7

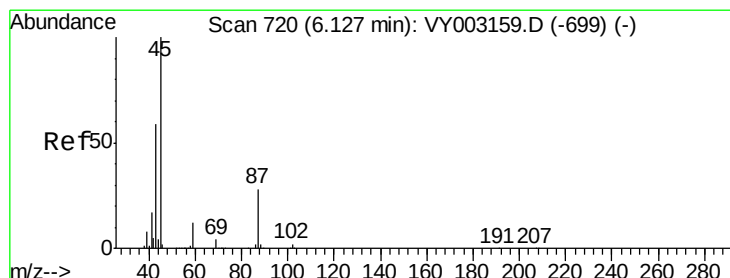
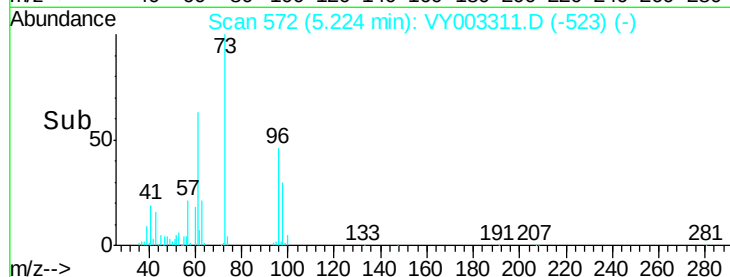
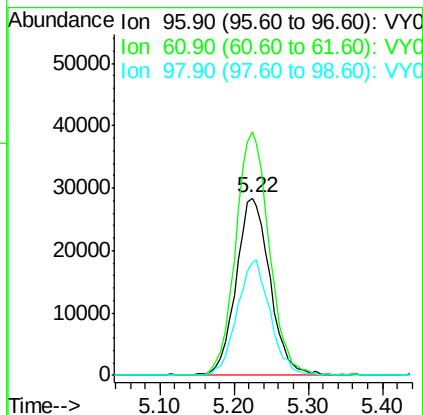
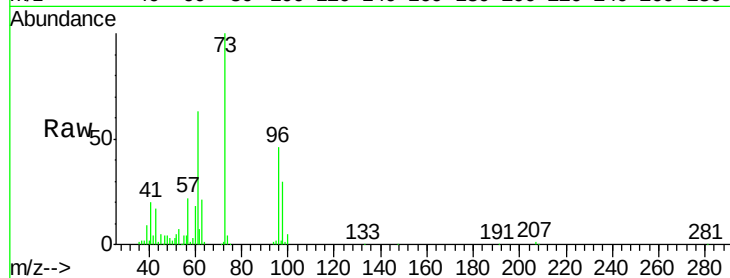
98 64.0 49.8 74.8

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#22

Diisopropyl ether

Concen: 25.008 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion: 45 Resp: 289751

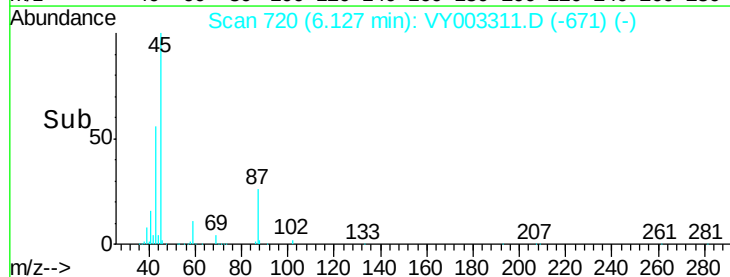
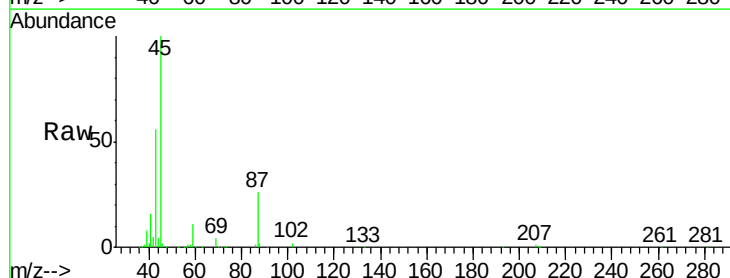
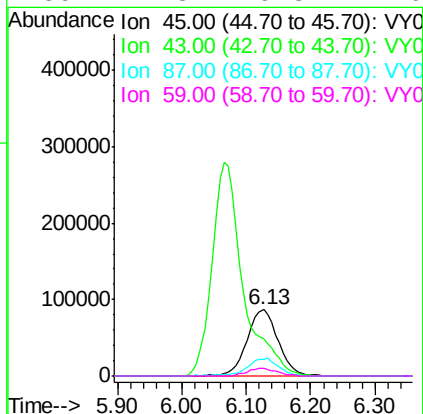
Ion Ratio Lower Upper

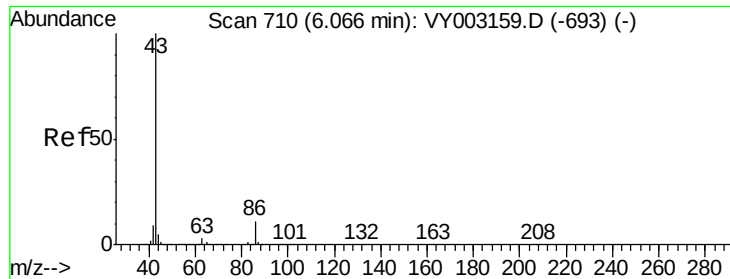
45 100

43 55.7 47.0 70.4

87 26.1 22.6 33.8

59 11.3 9.8 14.6





#23

Vinyl Acetate

Concen: 122.346 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 43 Resp: 944832

Ion Ratio Lower Upper

43 100

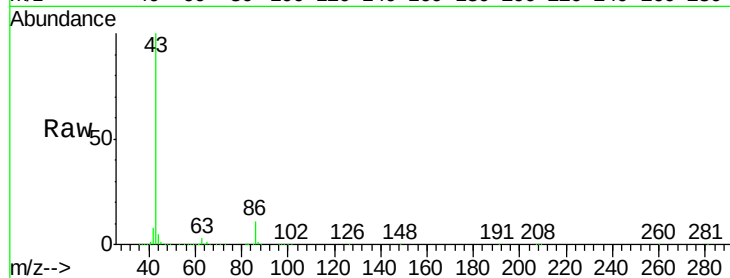
86 10.7 8.8 13.2

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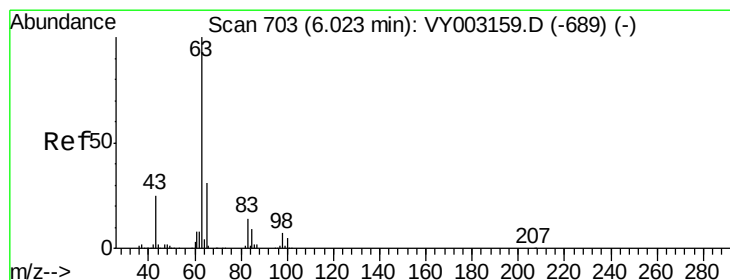
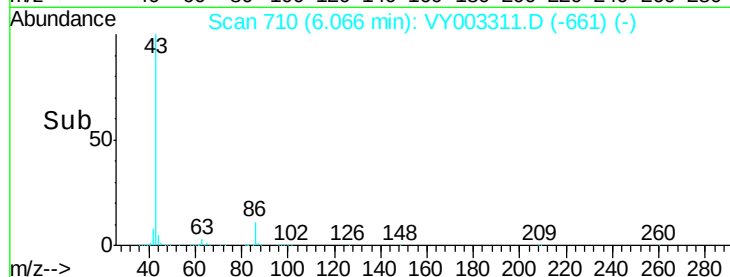
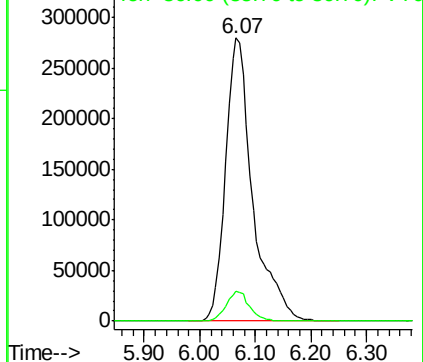
MMDadoda

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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: 23.844 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

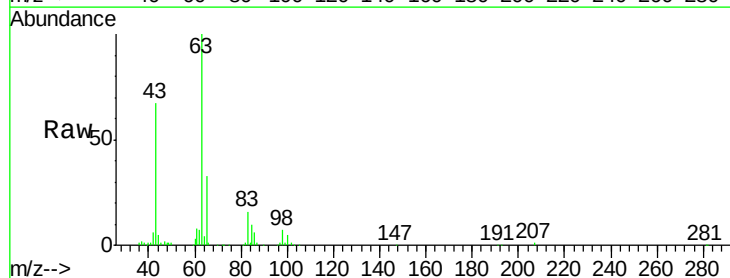
Tgt Ion: 63 Resp: 160054

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

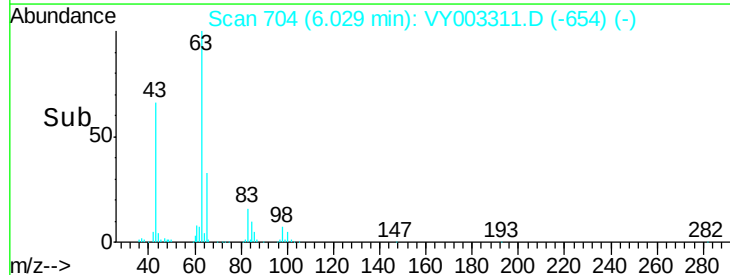
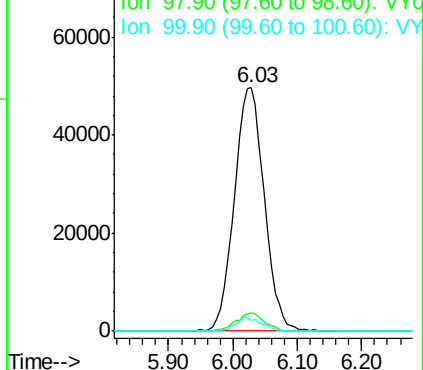
100 4.5 2.4 7.2

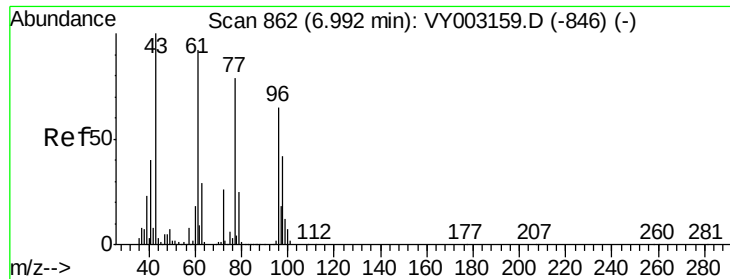


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 125.105 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 43 Resp: 163737

Ion Ratio Lower Upper

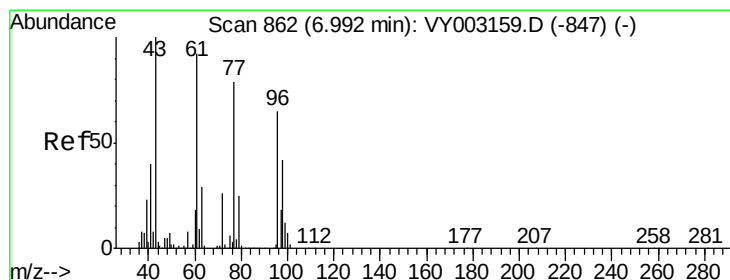
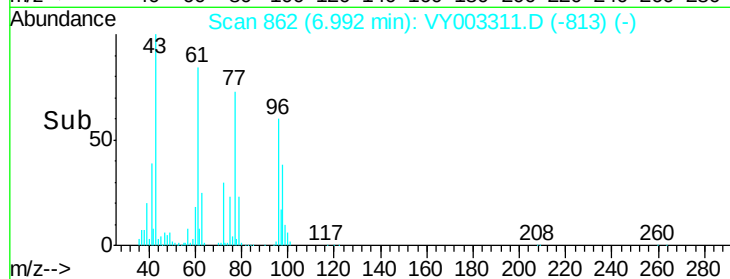
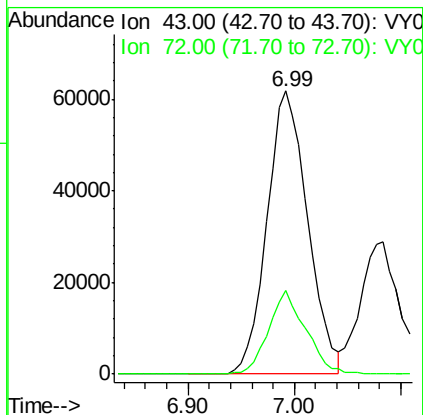
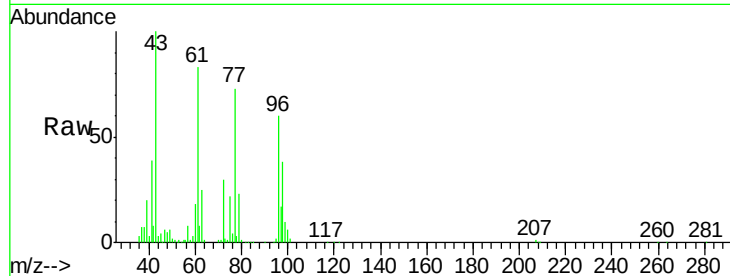
43 100

72 29.7 20.9 31.3

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 23.565 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003311.D

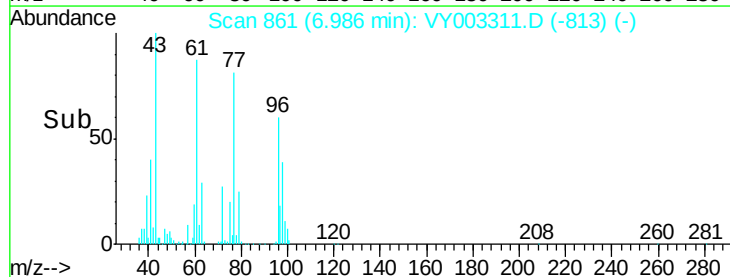
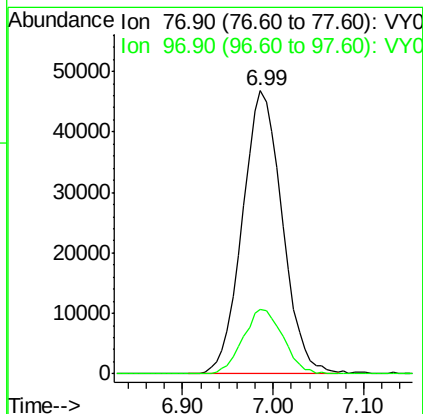
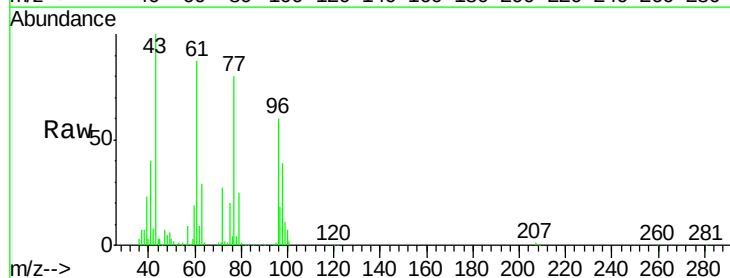
Acq: 23 Jul 2020 12:56

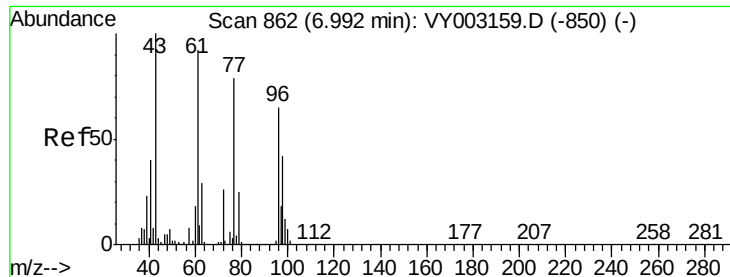
Tgt Ion: 77 Resp: 142457

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.7





#27

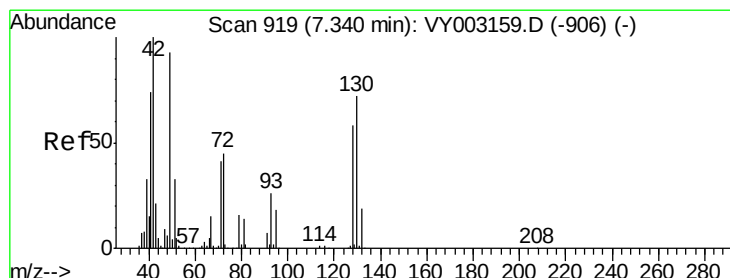
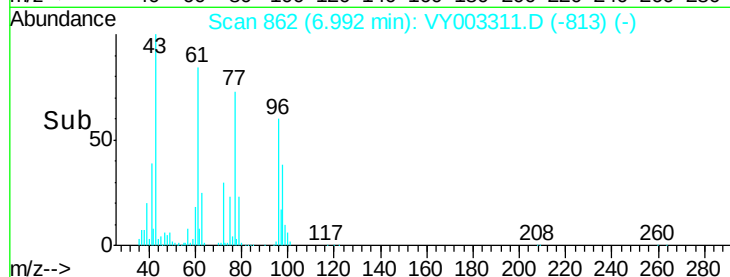
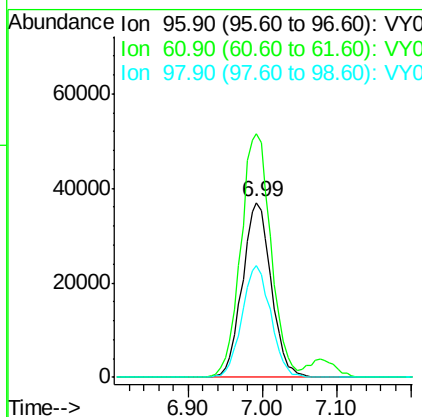
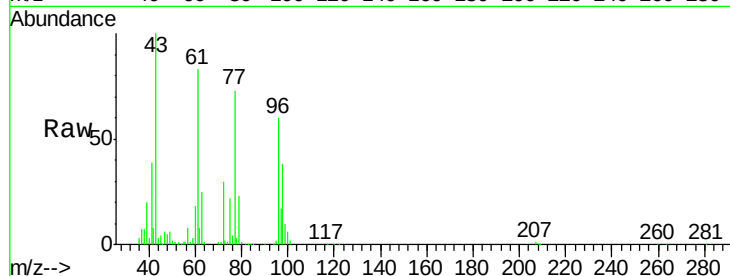
cis-1,2-Dichloroethene
Concen: 23.022 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.1	0.0	281.2	
98	63.7	0.0	129.8	

Manual Integrations
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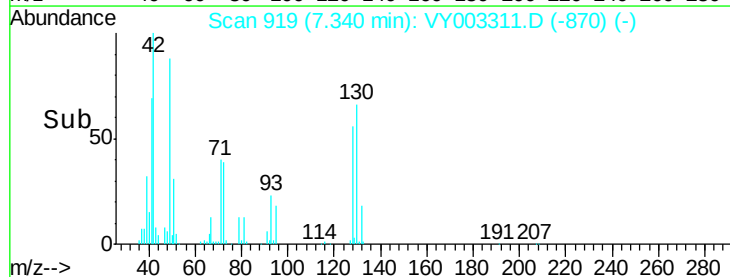
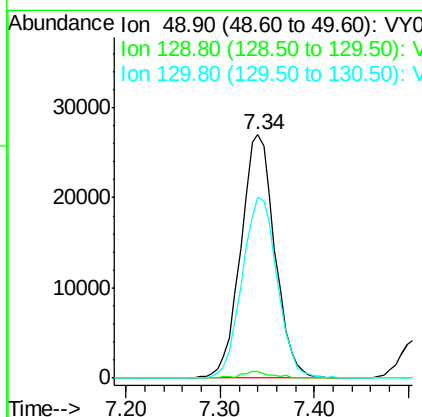
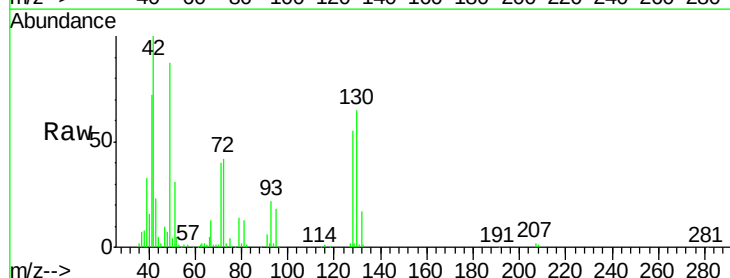
MMDadoda
7/24/2020 12:58:28 PM

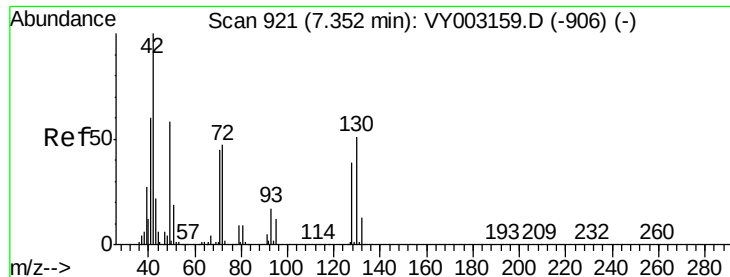


#28

Bromochloromethane
Concen: 23.513 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.0	
130	76.7	64.9	97.3	





#29

Tetrahydrofuran

Concen: 126.147 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 42 Resp: 110912
Ion Ratio Lower Upper

42 100

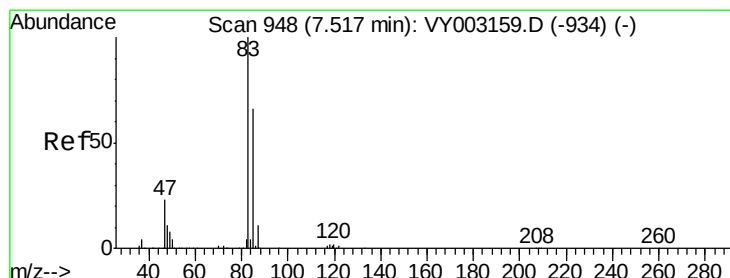
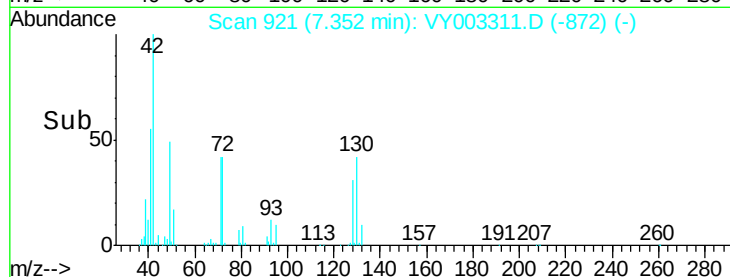
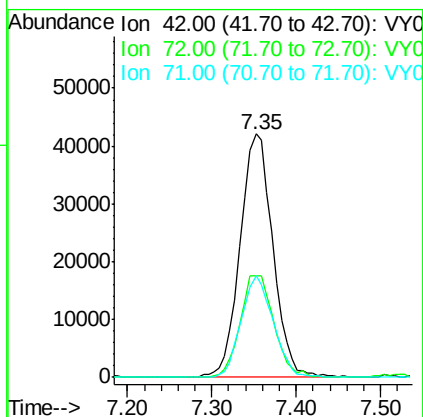
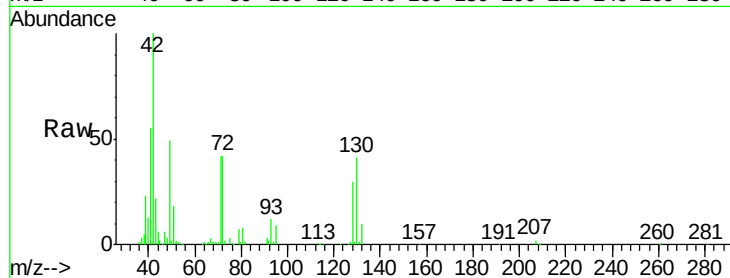
72 43.1 36.7 55.1

71 40.6 34.2 51.4

Manual Integrations
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#30

Chloroform

Concen: 23.285 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

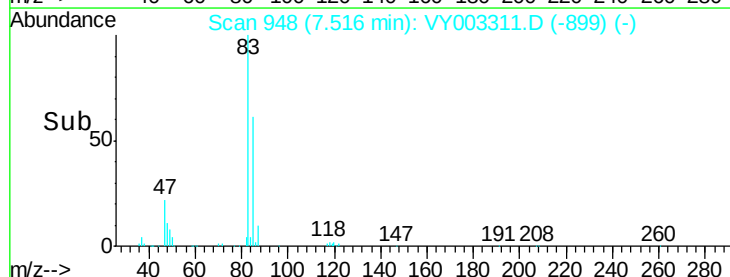
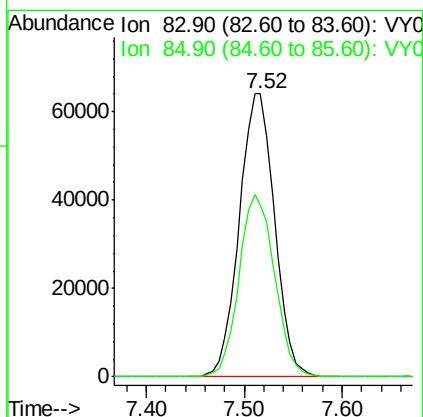
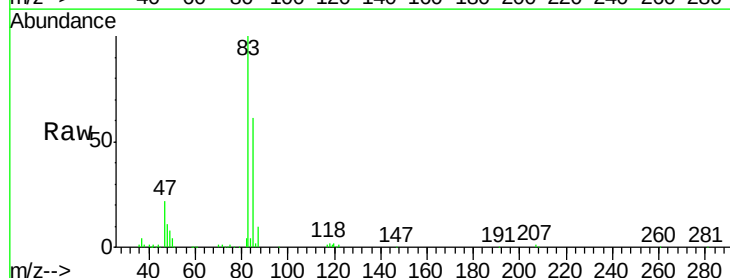
Lab File: VY003311.D

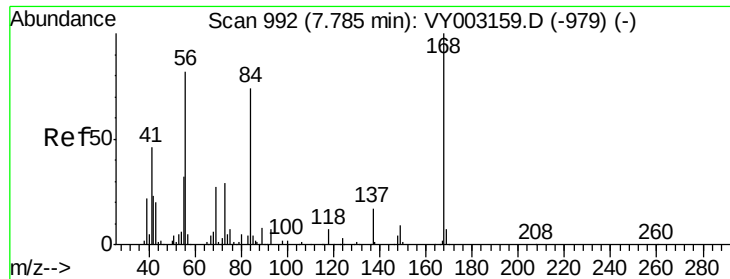
Acq: 23 Jul 2020 12:56

Tgt Ion: 83 Resp: 160979
Ion Ratio Lower Upper

83 100

85 60.6 52.6 78.8





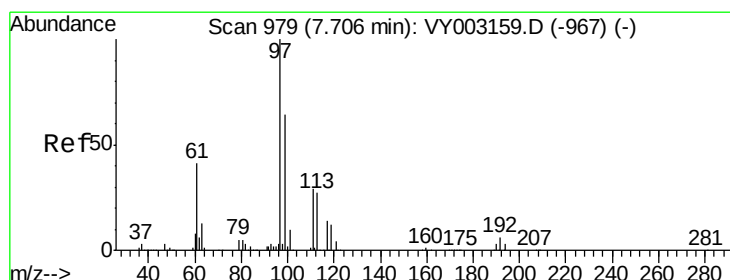
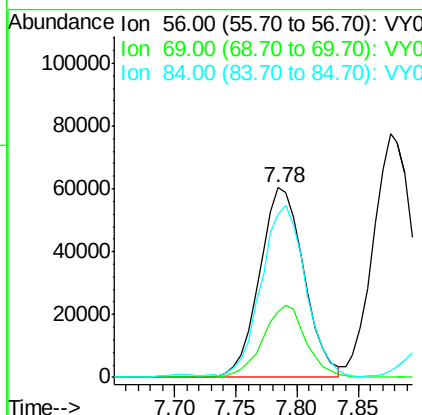
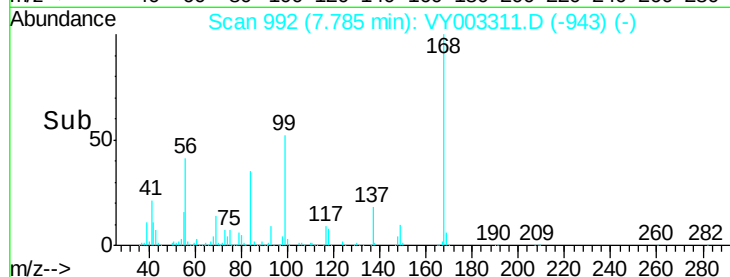
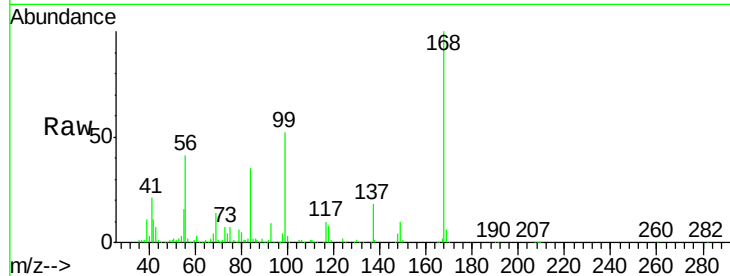
#31
Cyclohexane
Concen: 23.500 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	26.7	40.1
84	84.3	72.3	108.5

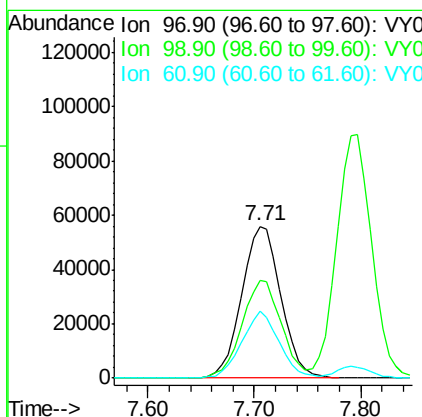
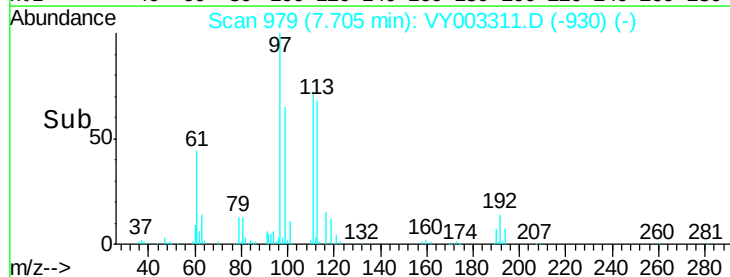
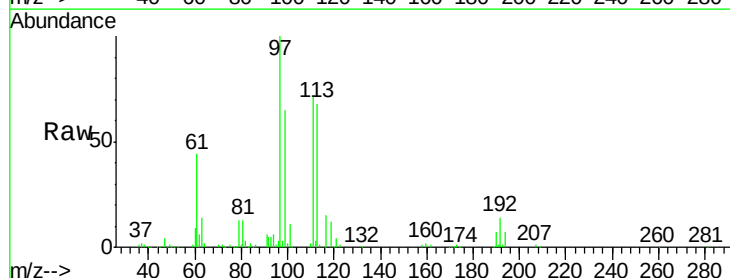
Manual Integrations
APPROVED

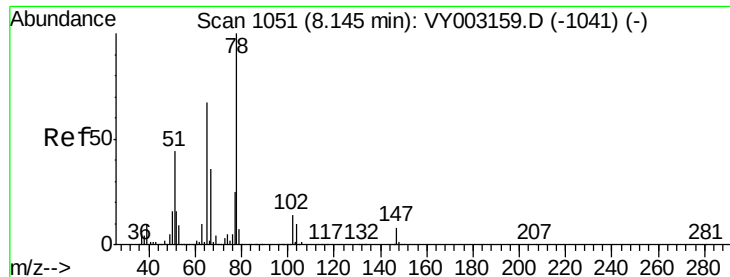
MMDadoda
7/24/2020 12:58:28 PM



#32
1,1,1-Trichloroethane
Concen: 23.163 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.1	78.1
61	42.0	33.9	50.9





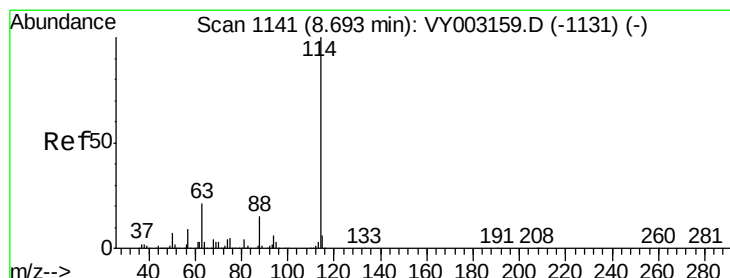
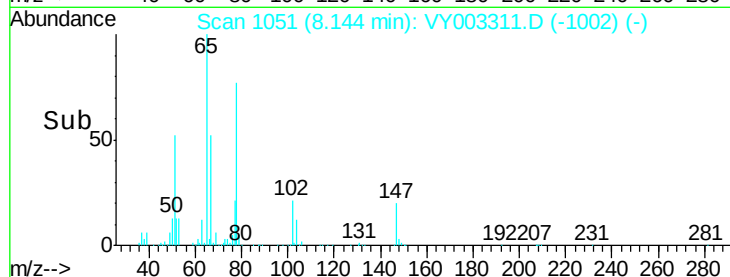
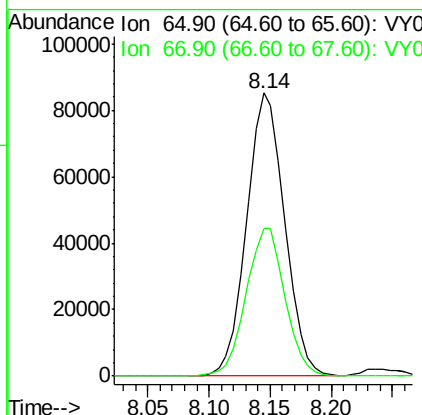
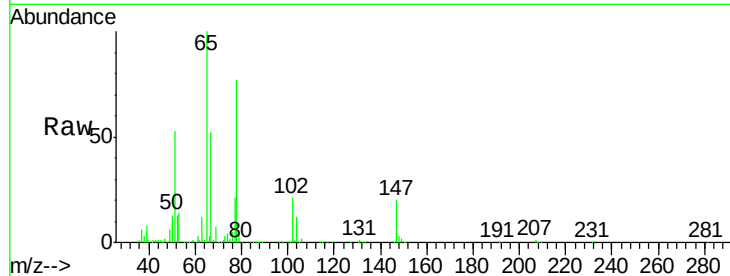
#33
 1,2-Dichloroethane-d4
 Concen: 51.663 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	105.2	

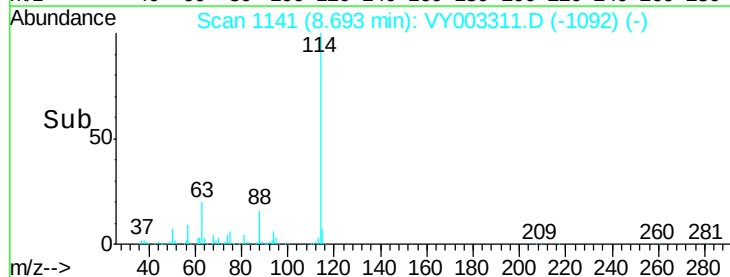
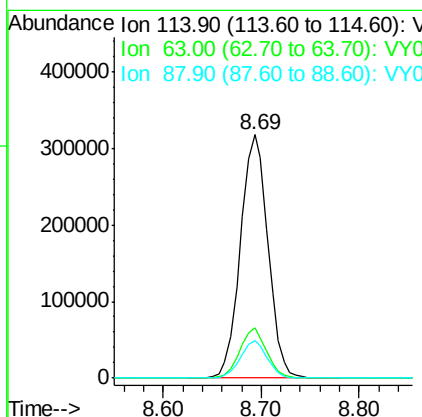
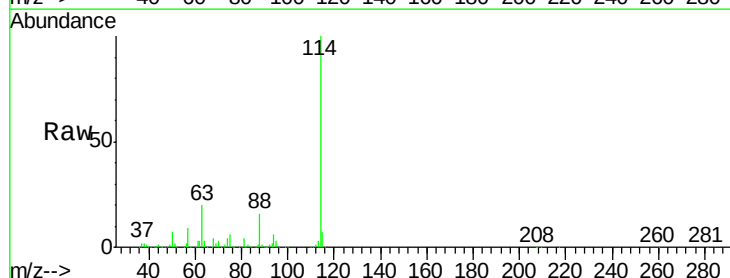
Manual Integrations
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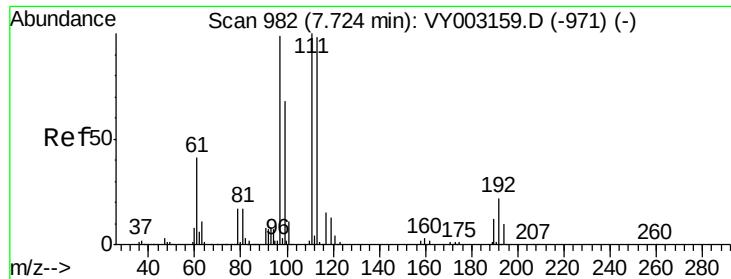
MMDadoda
 7/24/2020 12:58:28 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.5	0.0	41.2	
88	15.5	0.0	30.2	





#35

Dibromofluoromethane

Concen: 48.869 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

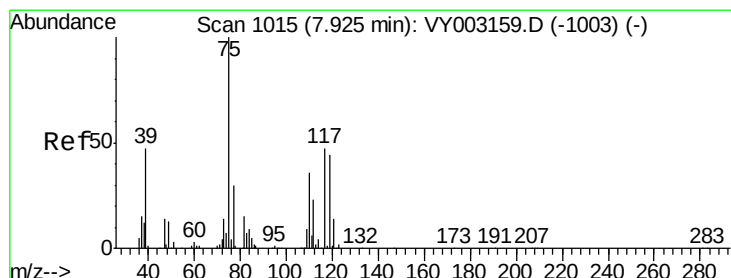
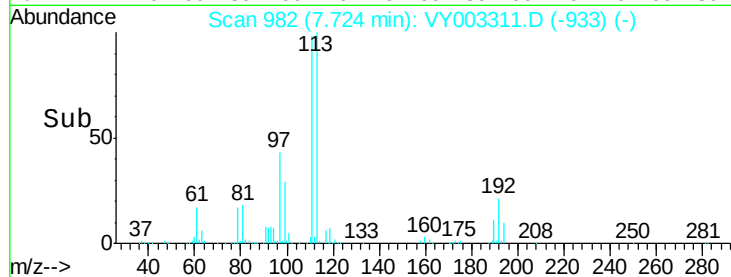
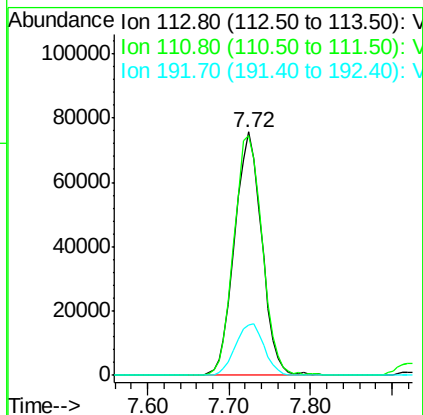
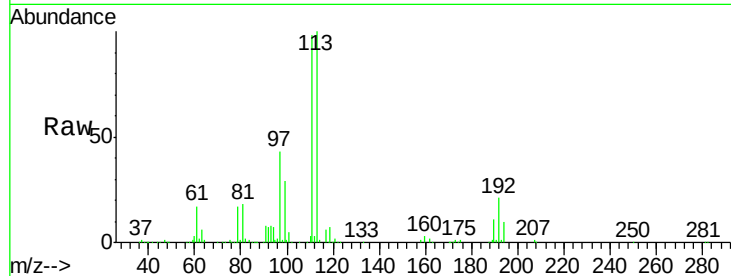
ClientSampleId :

VY0723SBS01

Tot Ion:	113	Resp:	174253
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.1	123.1
192	22.4	18.8	28.2

Manual Integrations
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7/24/2020 12:58:28 PM



#36

1,1-Dichloropropene

Concen: 22.468 ug/l

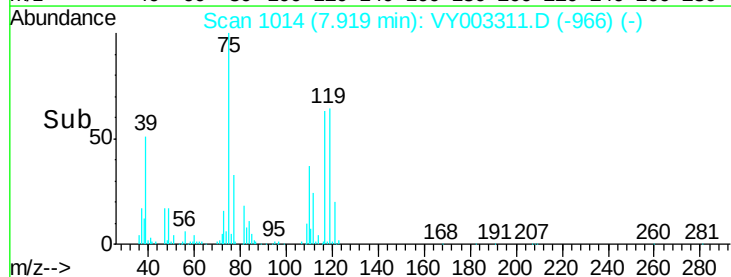
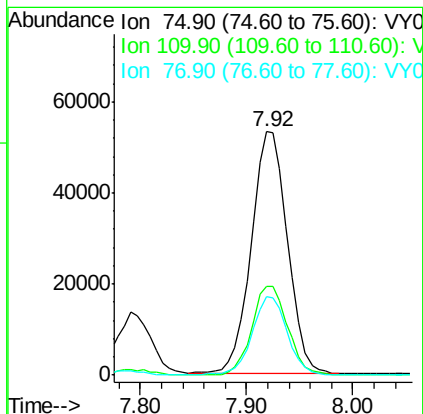
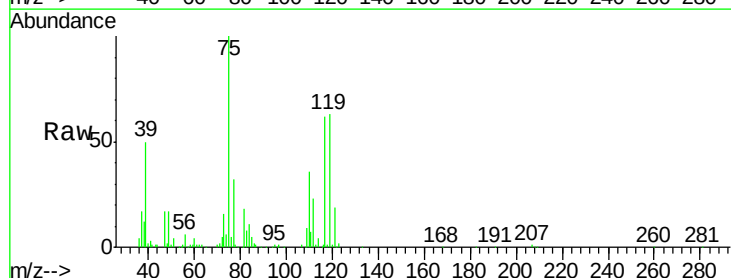
RT: 7.92 min Scan# 1014

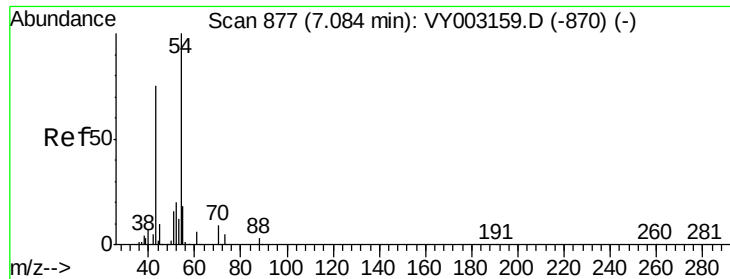
Delta R.T. -0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion:	75	Resp:	126172
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.1
77	31.6	24.8	37.2





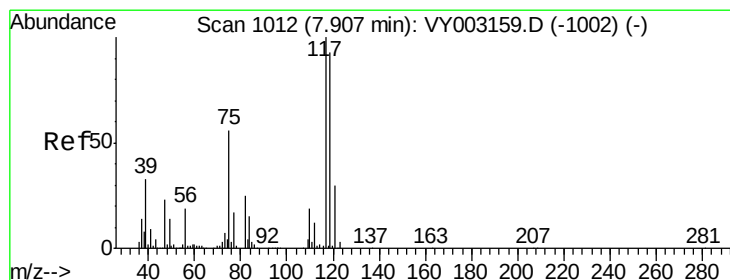
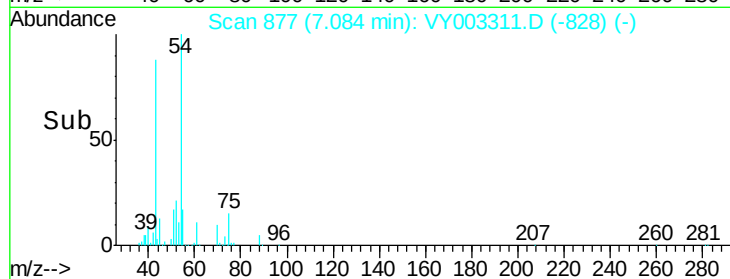
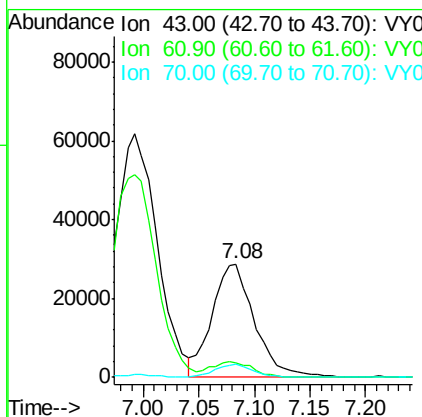
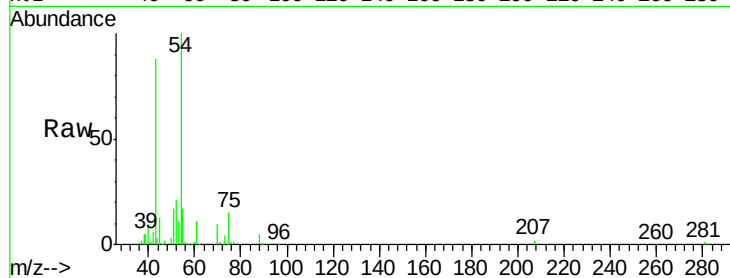
#37
Ethyl Acetate
Concen: 24.906 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	43	Resp	75320
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.8	17.6
70	10.3	8.6	13.0

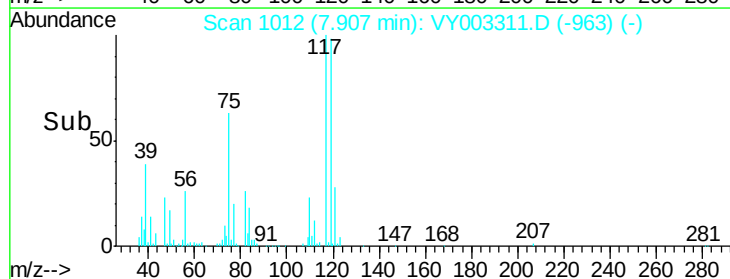
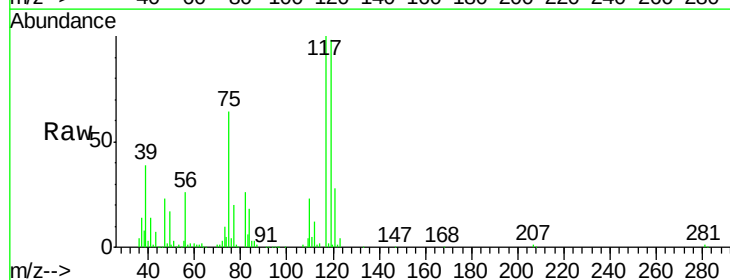
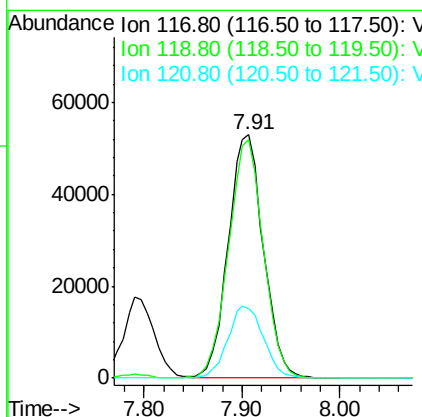
Manual Integrations
APPROVED

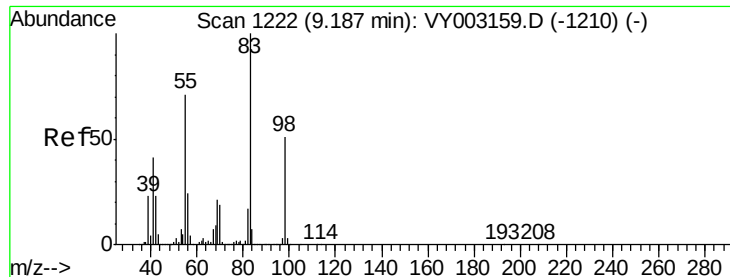
MMDadoda
7/24/2020 12:58:28 PM



#38
Carbon Tetrachloride
Concen: 22.734 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	117	Resp	131795
Ion	Ratio	Lower	Upper
117	100		
119	98.2	74.5	111.7
121	28.3	24.2	36.2





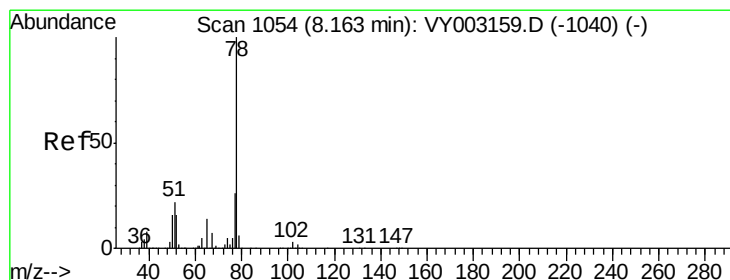
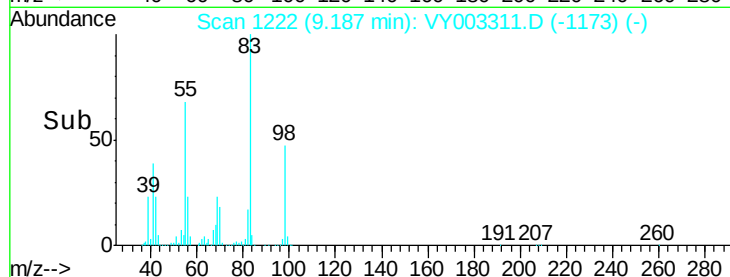
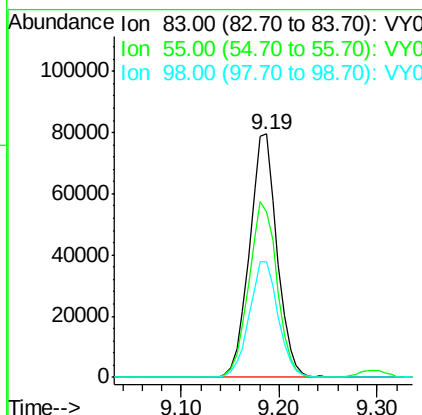
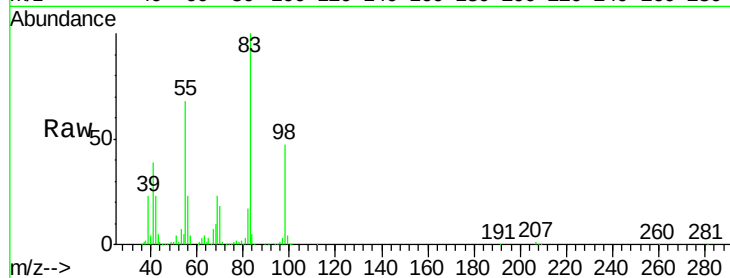
#39
Methylvlcyclohexane
Concen: 22.038 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.0	57.2	85.8
98	47.4	41.0	61.6

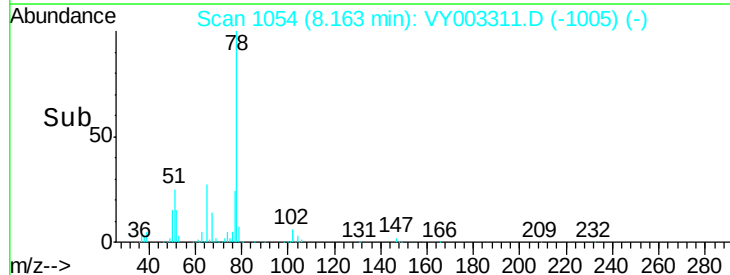
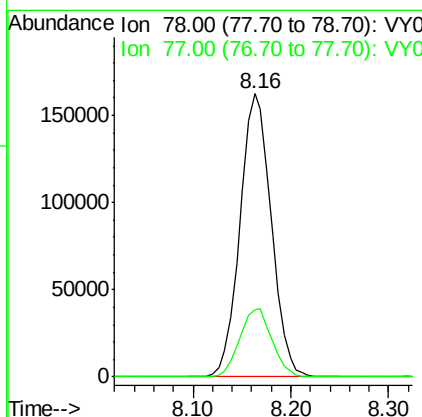
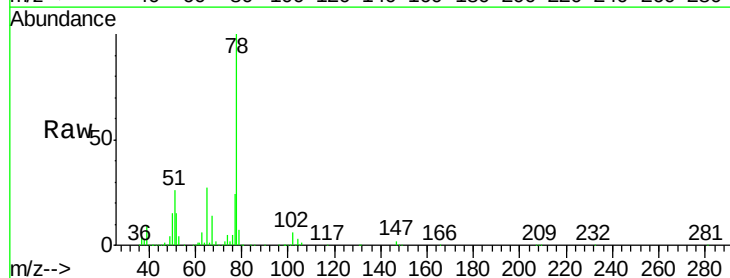
Manual Integrations
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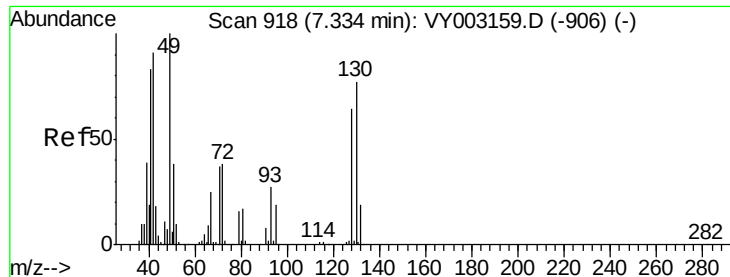
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#40
Benzene
Concen: 23.225 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	20.7	31.1





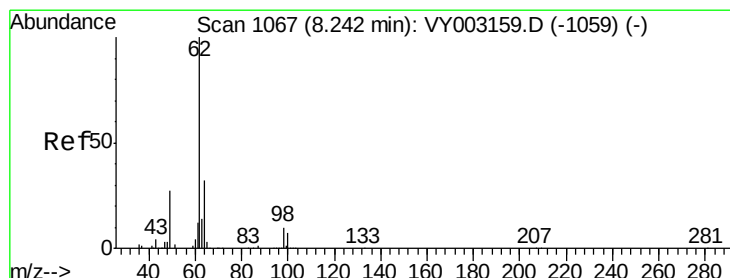
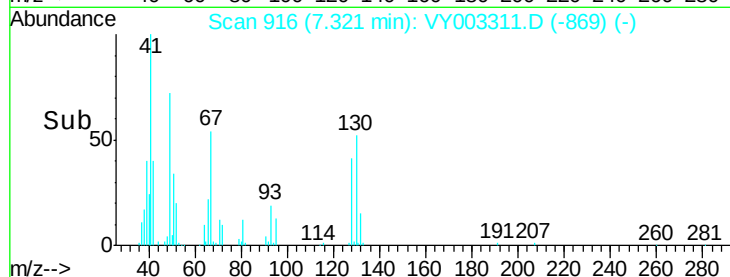
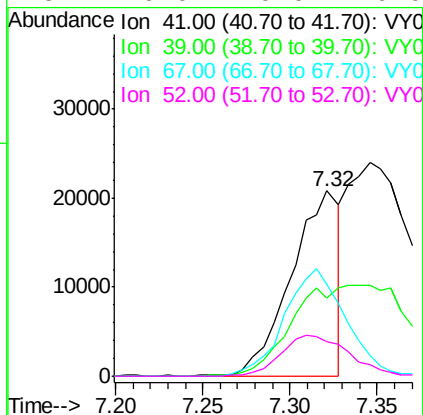
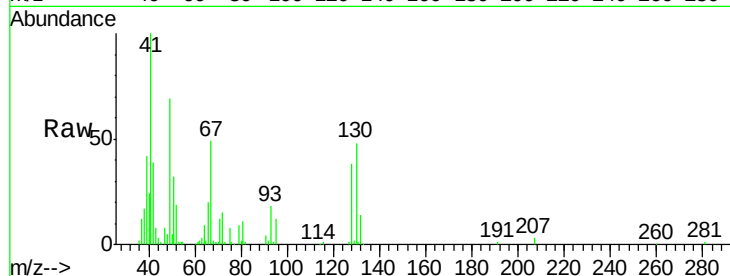
#41
Methacrylonitrile
Concen: 22.210 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	41	Resp	40453
Ion	Ratio	Lower	Upper
41	100		
39	117.2	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

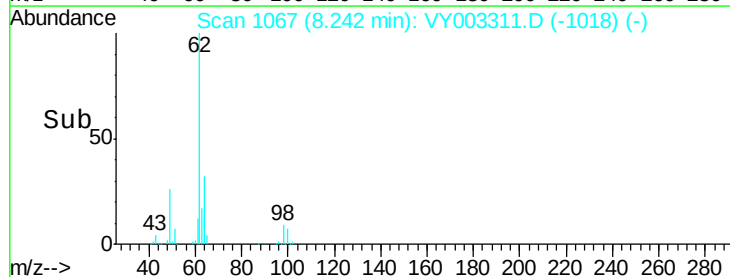
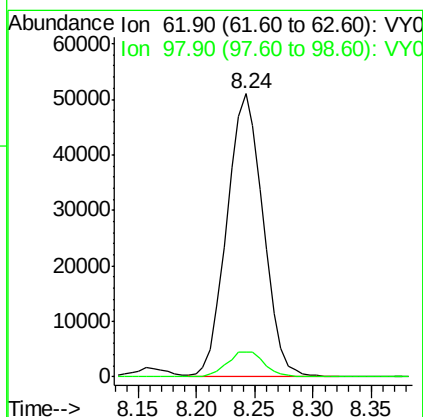
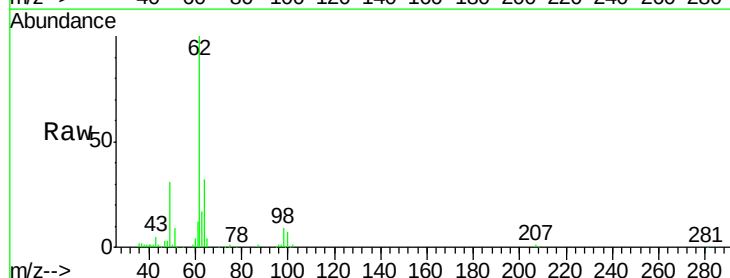
Manual Integrations
APPROVED

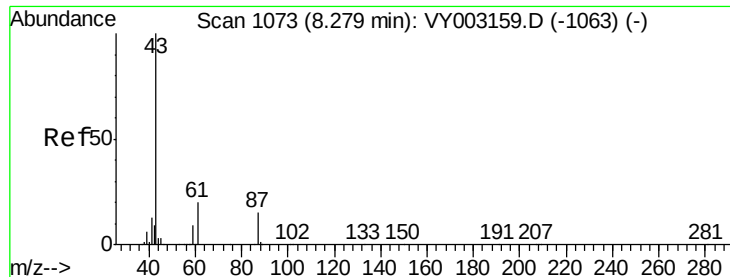
MMDadoda
7/24/2020 12:58:28 PM



#42
1,2-Dichloroethane
Concen: 23.179 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	62	Resp	110341
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 23.577 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

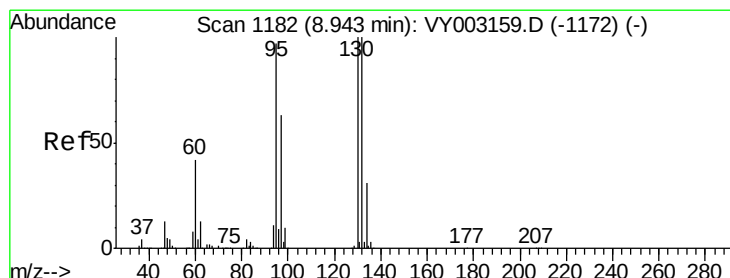
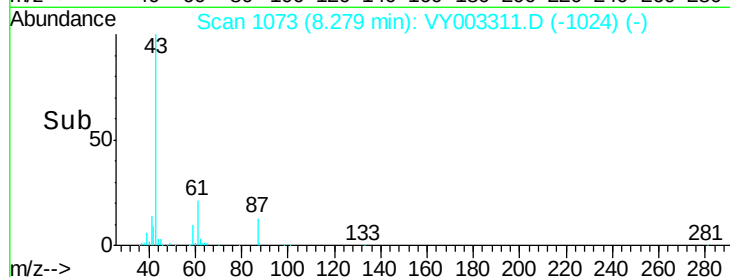
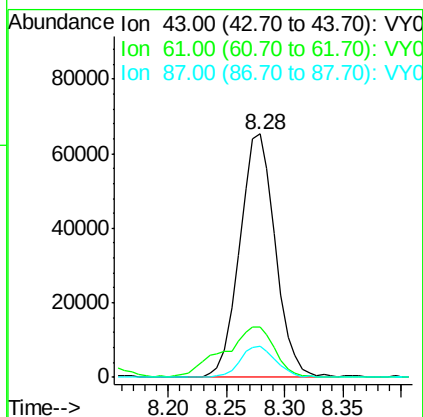
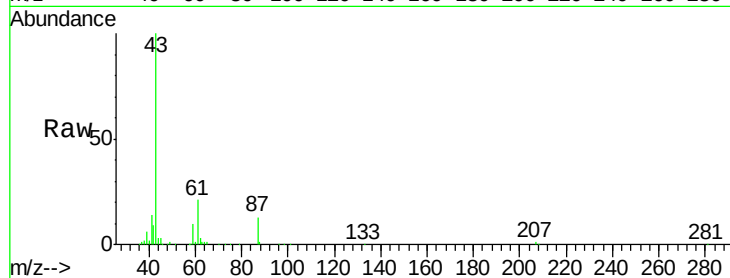
ClientSampleId :

VY0723SBS01

Tot Ion:	43	Resp:	138016
Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.7	35.5
87	13.1	11.4	17.0

Manual Integrations
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#44

Trichloroethene

Concen: 21.574 ug/l

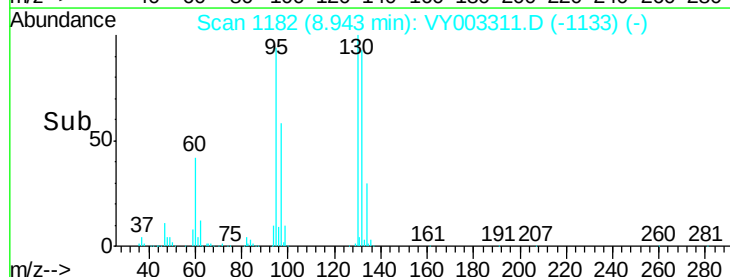
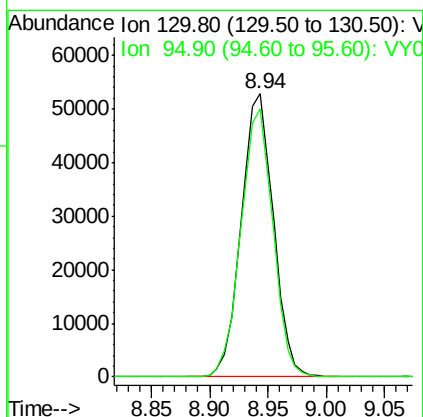
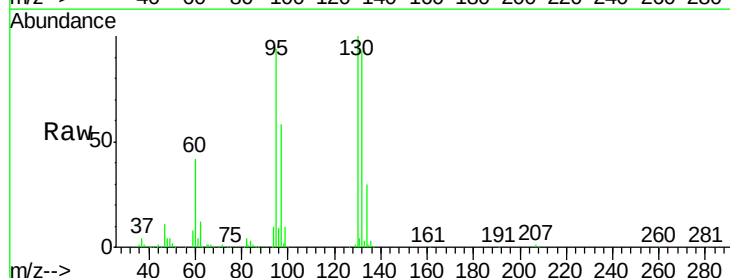
RT: 8.94 min Scan# 1182

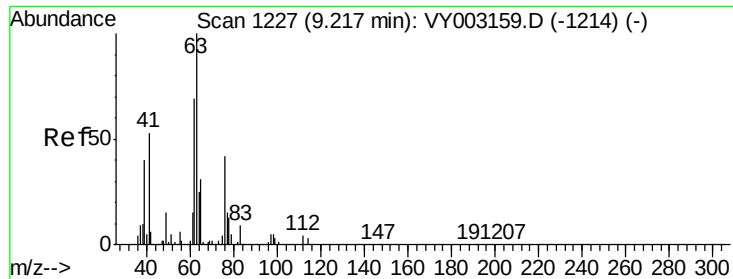
Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion:	130	Resp:	102263
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	193.8





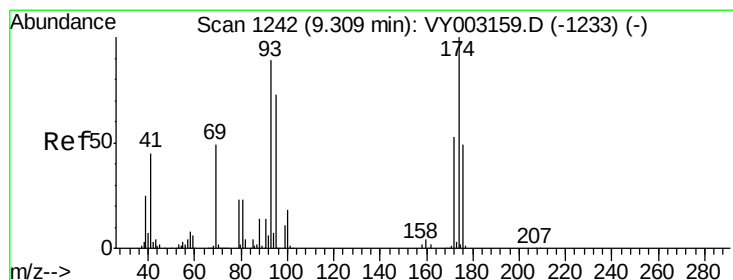
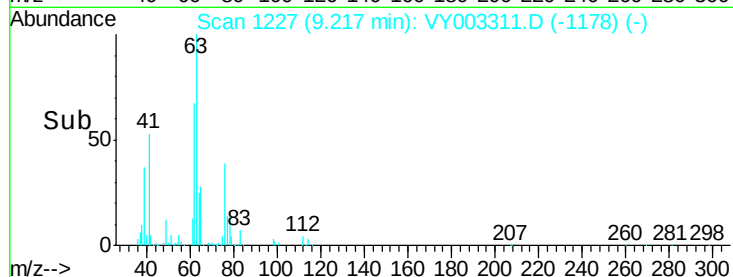
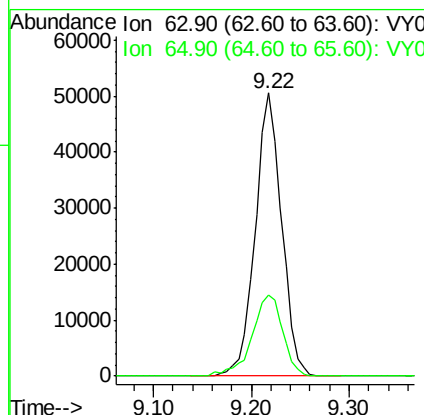
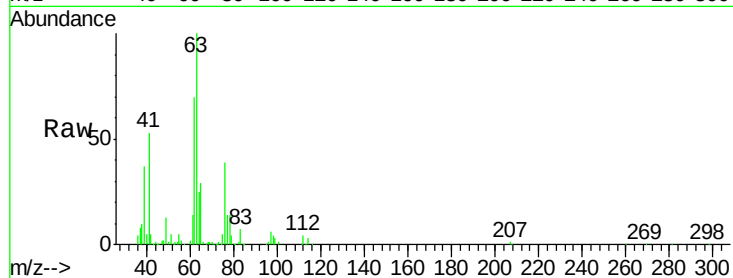
#45
 1,2-Dichloropropane
 Concen: 23.702 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.7	25.0	37.4

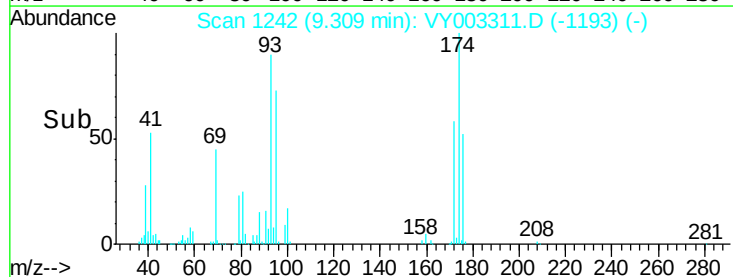
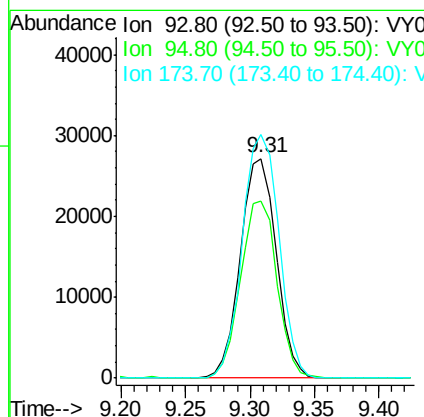
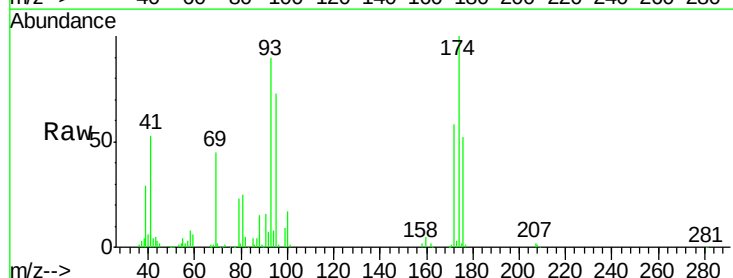
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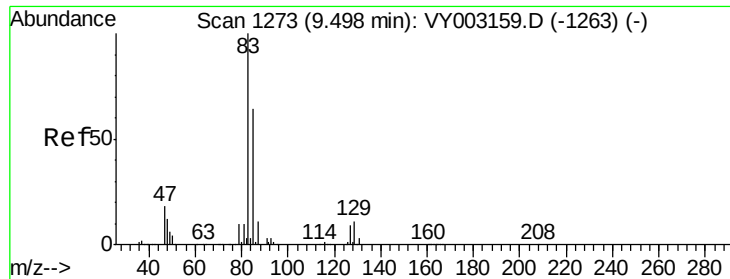
MMDadoda
 7/24/2020 12:58:28 PM



#46
 Dibromomethane
 Concen: 22.504 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.6	99.8
174	112.9	90.2	135.4





#47

Bromodichloromethane

Concen: 23.086 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

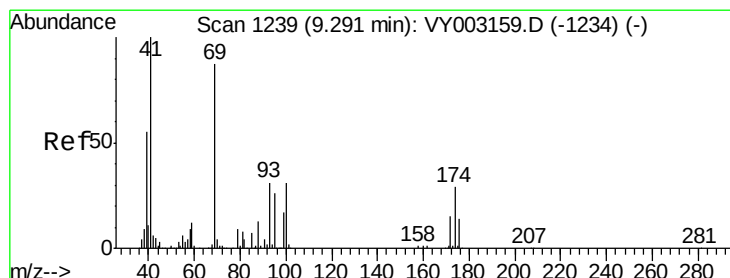
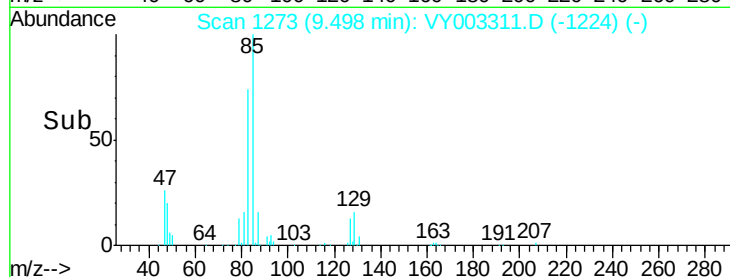
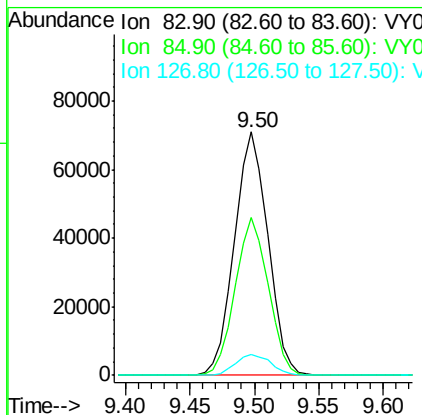
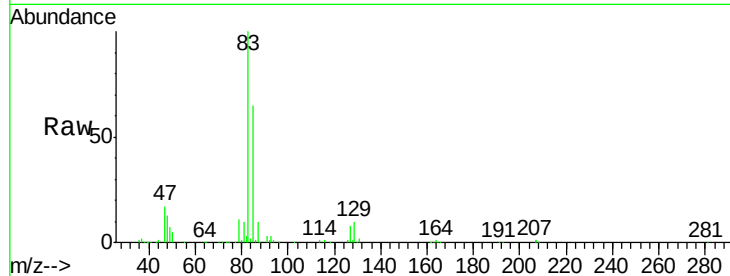
ClientSampleId :

VY0723SBS01

Tot Ion:	83	Resp:	128308
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.9	76.3
127	8.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 23.895 ug/l

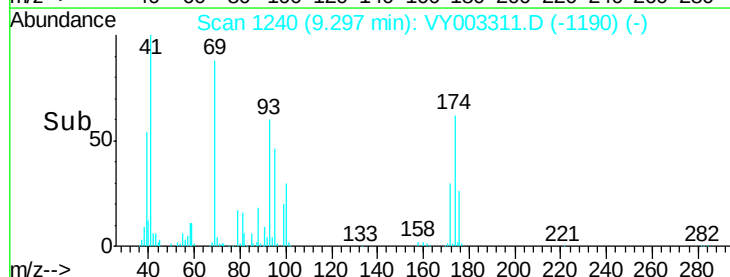
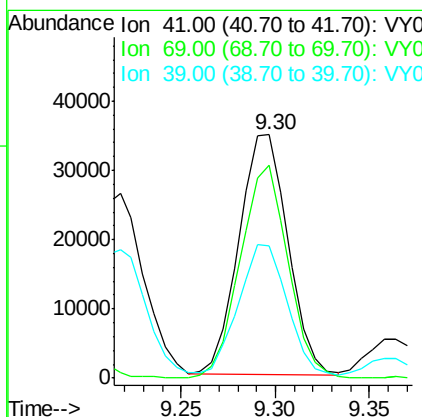
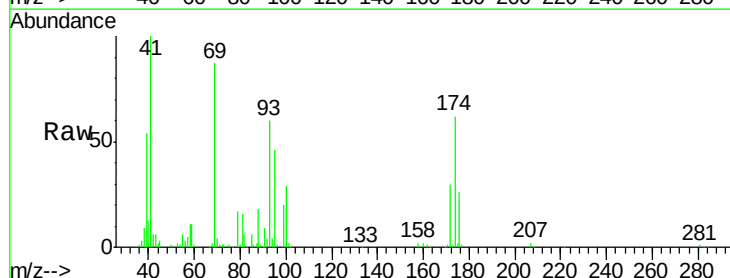
RT: 9.30 min Scan# 1240

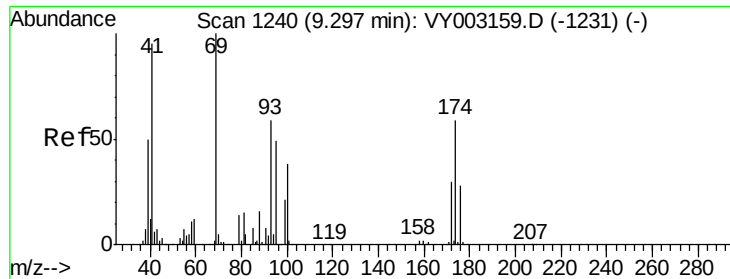
Delta R.T. 0.01 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion:	41	Resp:	62532
Ion Ratio	Lower	Upper	
41	100		
69	86.3	74.5	111.7
39	56.7	47.5	71.3





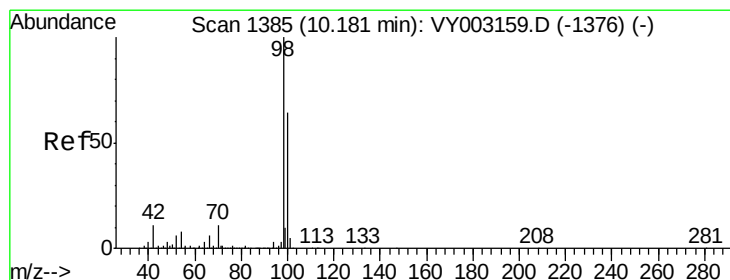
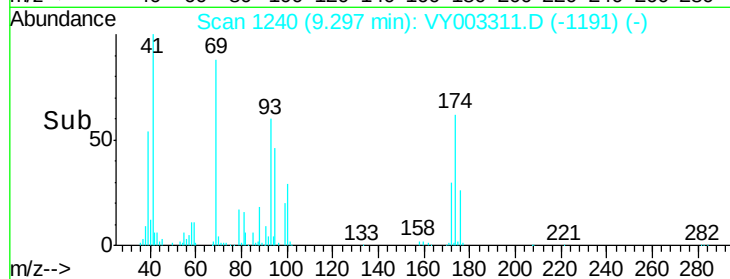
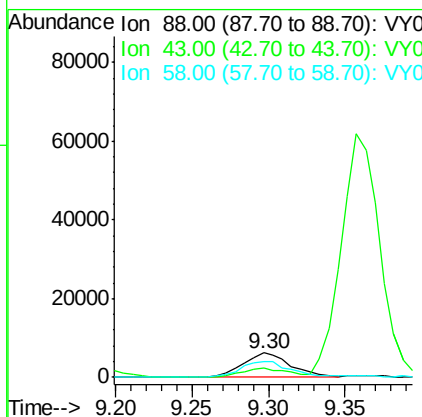
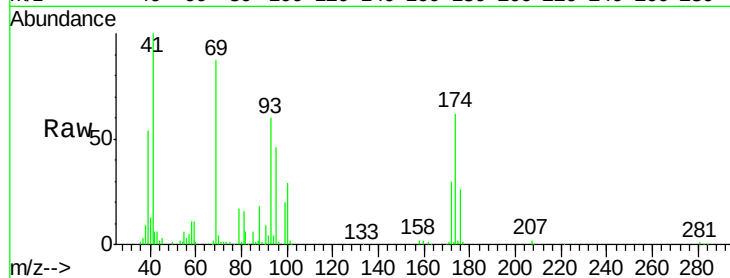
#49
1,4-Dioxane
Concen: 453.258 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	88	Resp	13443
Ion Ratio	Lower	Upper	
88	100		
43	36.9	25.6	38.4
58	69.3	47.8	71.6

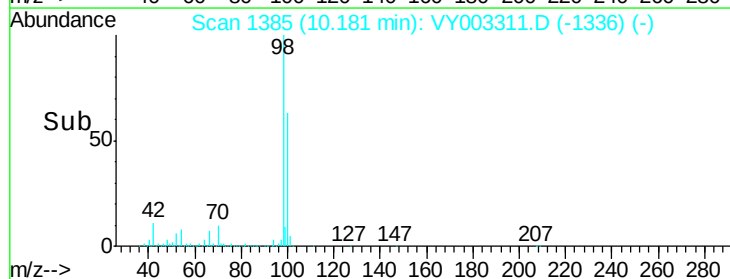
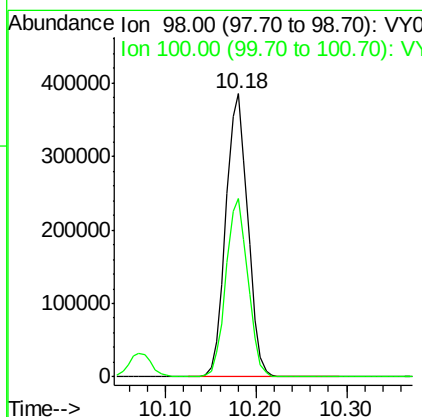
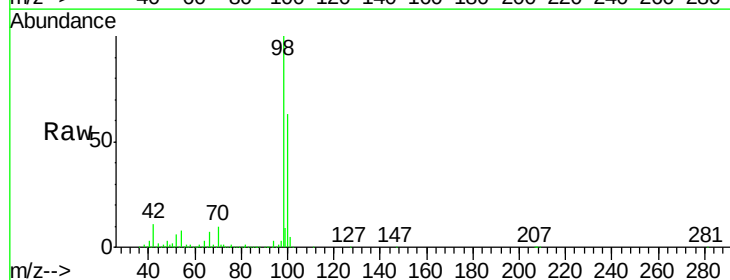
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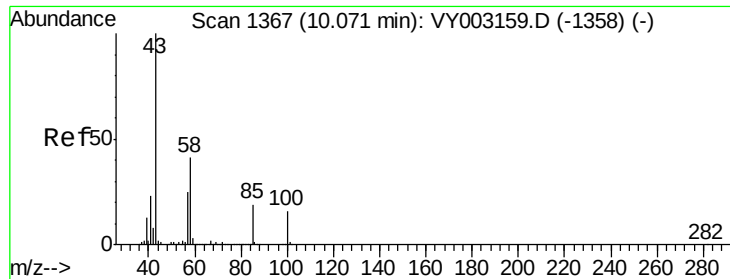
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#50
Toluene-d8
Concen: 49.083 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	98	Resp	650675
Ion Ratio	Lower	Upper	
98	100		
100	62.8	50.7	76.1





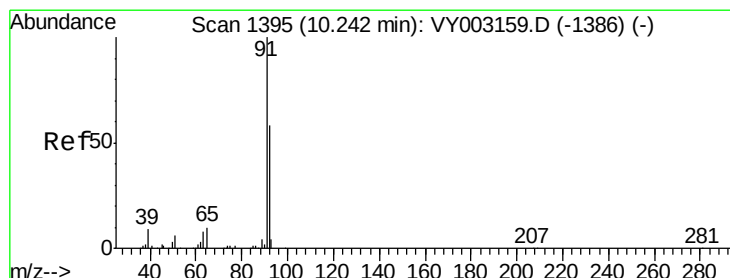
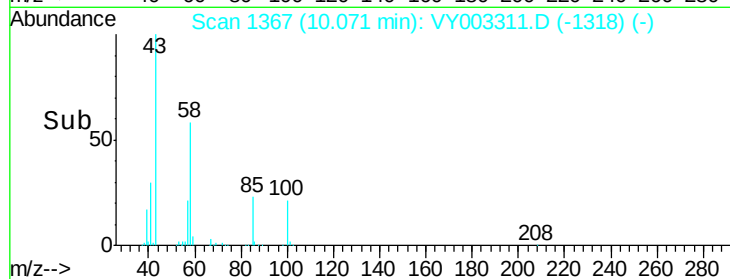
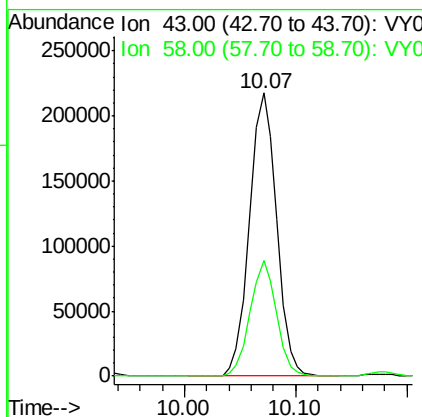
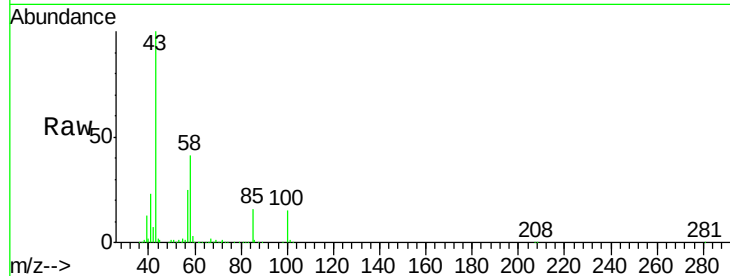
#51
4-Methyl-2-Pentanone
Concen: 121.983 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 43 Resp: 371146
Ion Ratio Lower Upper
43 100
58 39.5 32.7 49.1

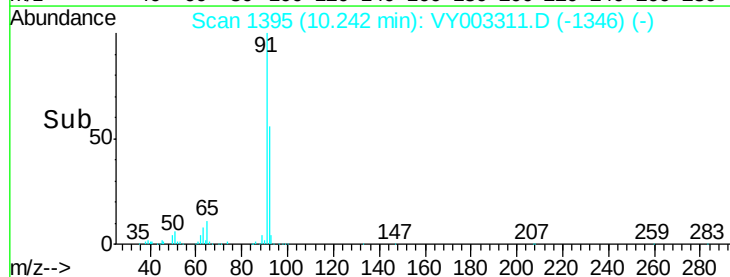
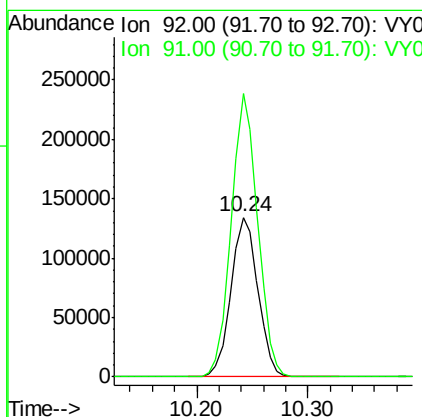
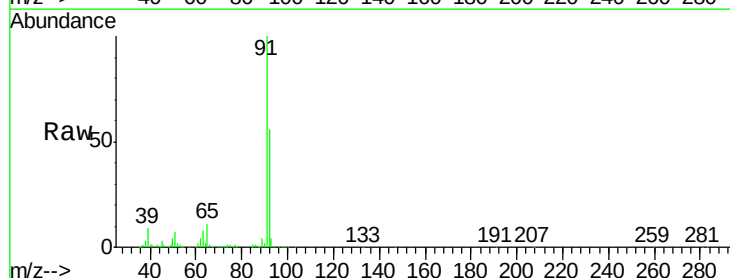
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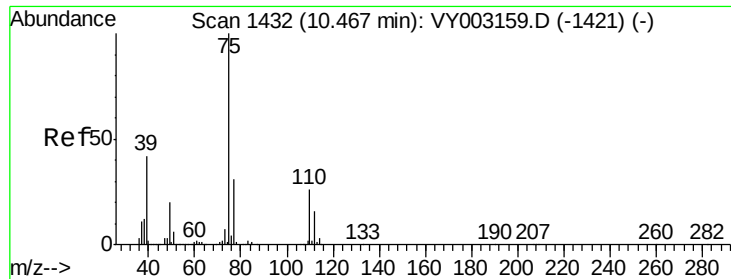
MMDadoda
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#52
Toluene
Concen: 22.710 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion: 92 Resp: 224449
Ion Ratio Lower Upper
92 100
91 174.5 139.7 209.5





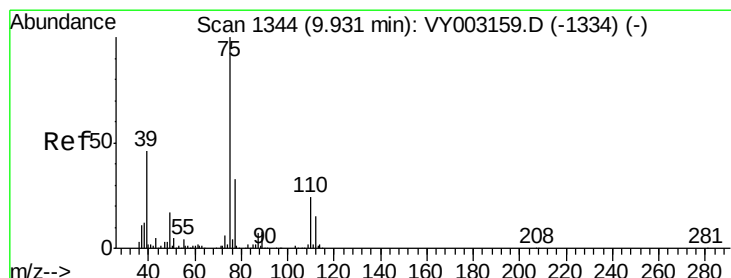
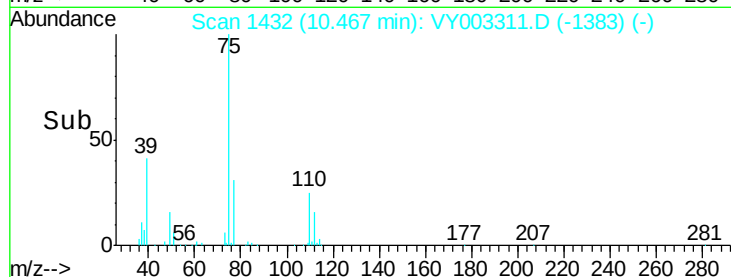
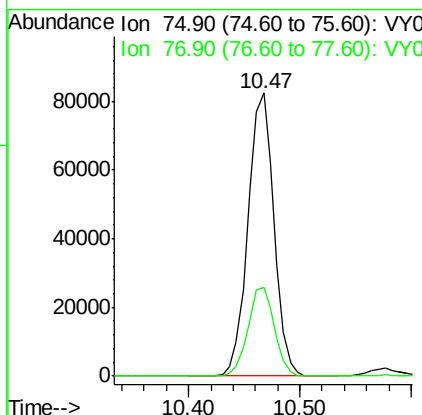
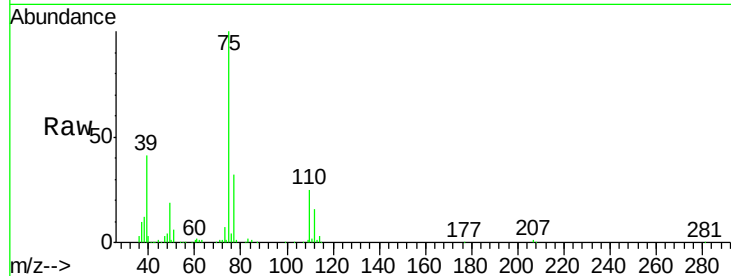
#53
 t-1,3-Dichloropropene
 Concen: 23.251 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8

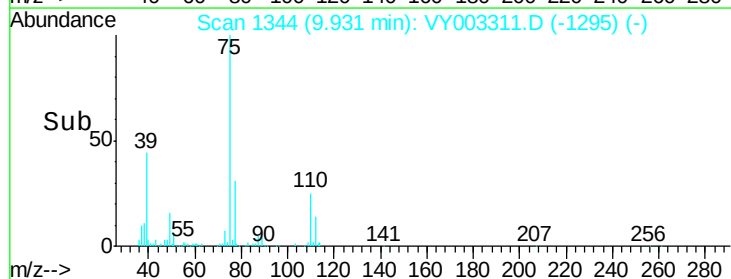
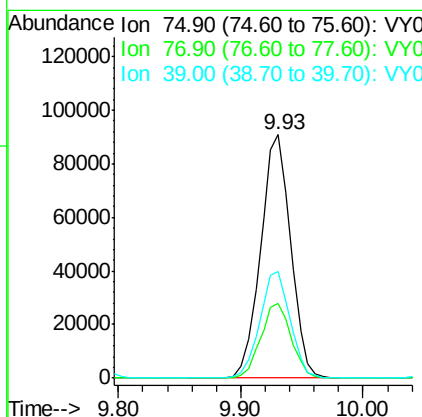
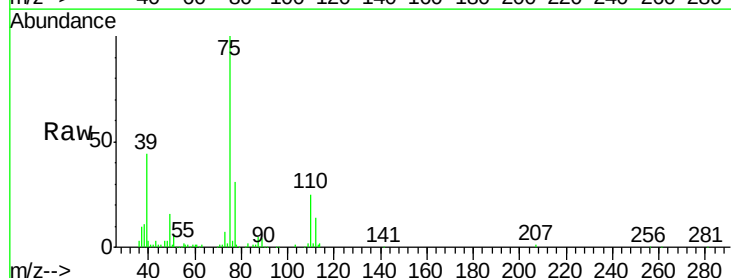
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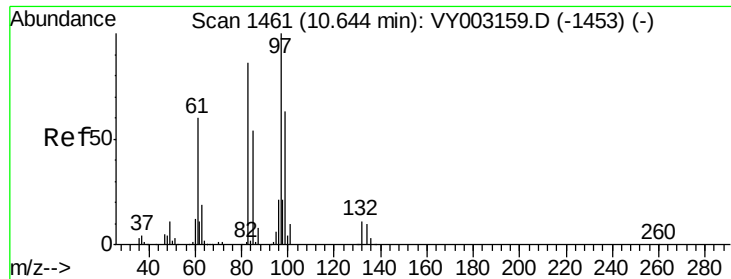
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 23.320 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.7	40.1
39	44.0	37.0	55.6





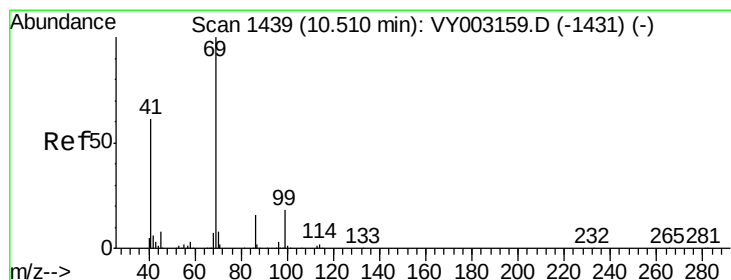
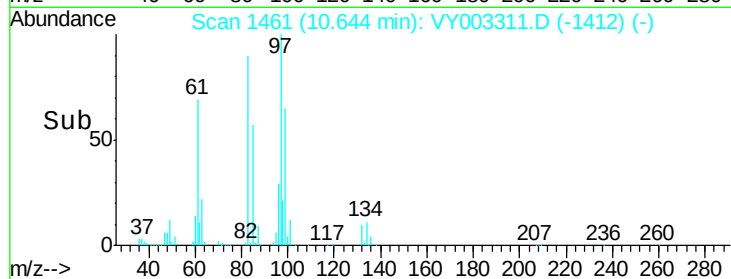
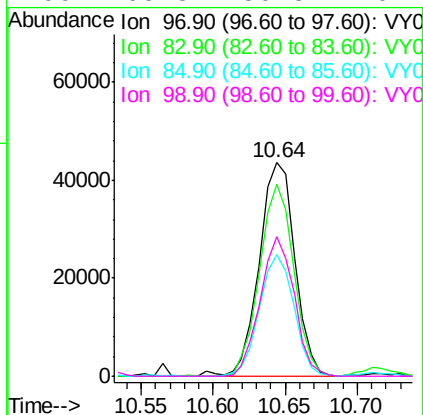
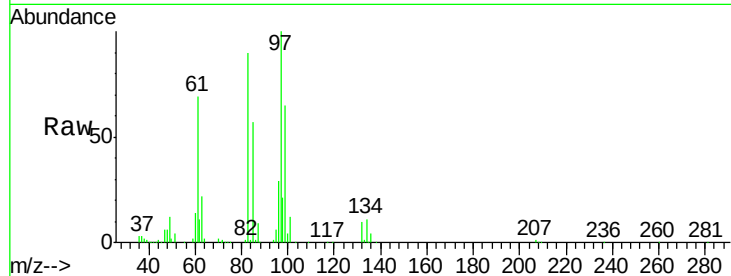
#55
 1,1,2-Trichloroethane
 Concen: 22.557 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion:	97	Resp:	74697
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.8	103.2
85	57.1	43.1	64.7
99	65.3	50.8	76.2

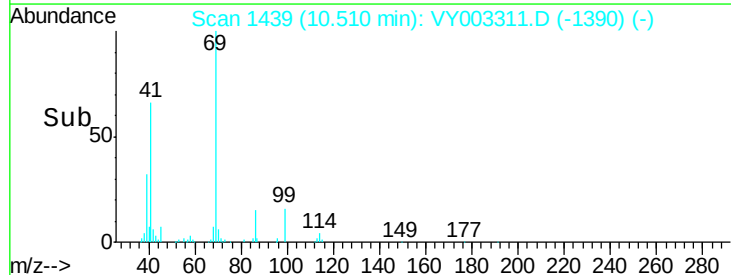
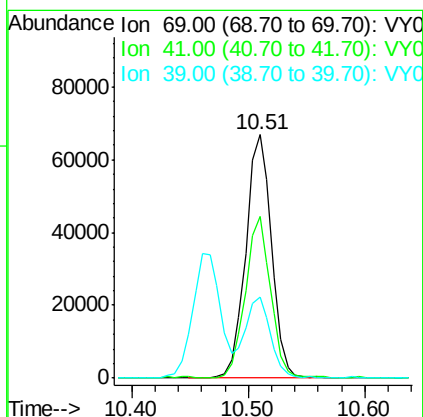
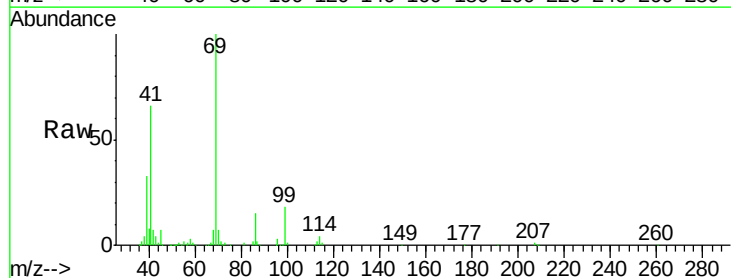
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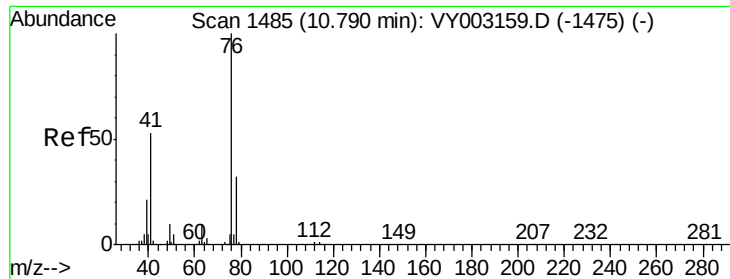
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#56
 Ethyl methacrylate
 Concen: 22.954 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion:	69	Resp:	103340
Ion	Ratio	Lower	Upper
69	100		
41	64.4	50.0	75.0
39	33.4	27.6	41.4





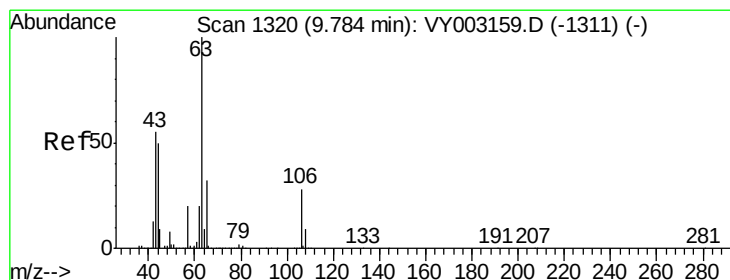
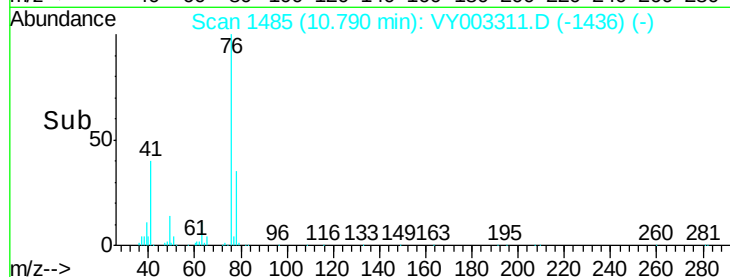
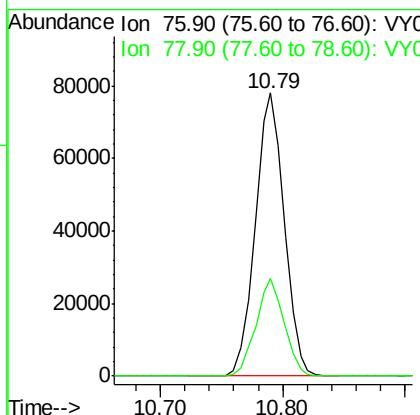
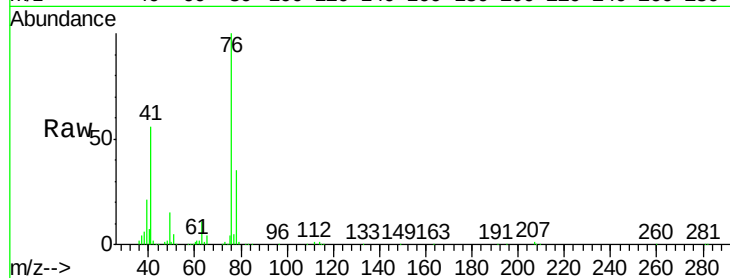
#57
 1,3-Dichloropropane
 Concen: 22.844 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.8	26.0	39.0

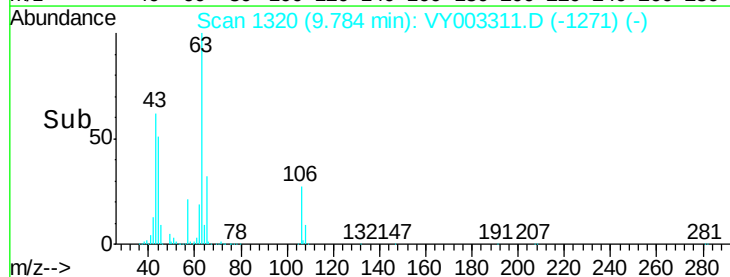
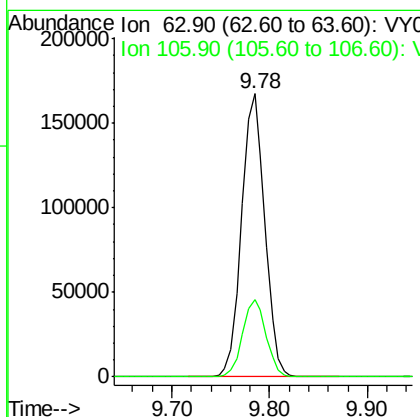
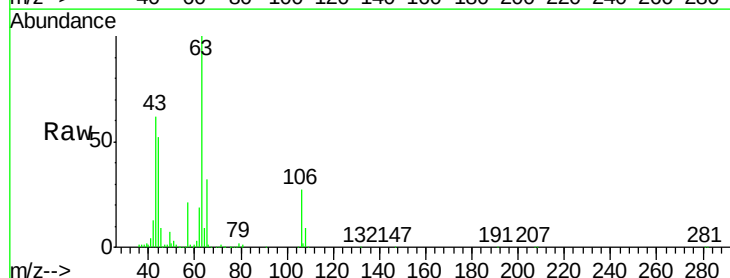
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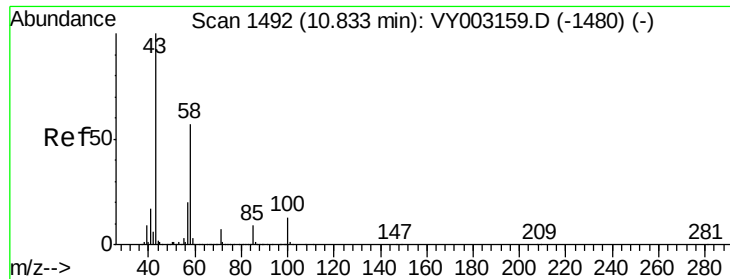
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 119.691 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.9	34.3





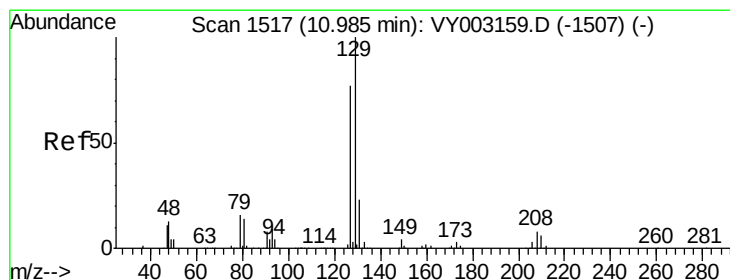
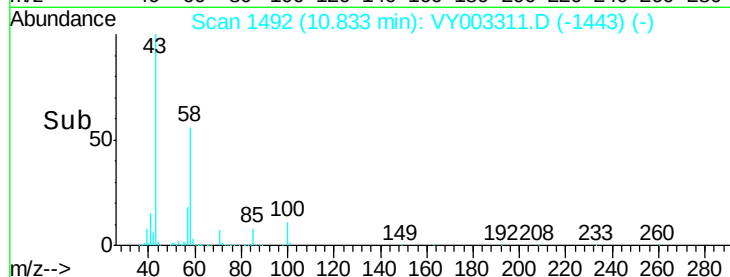
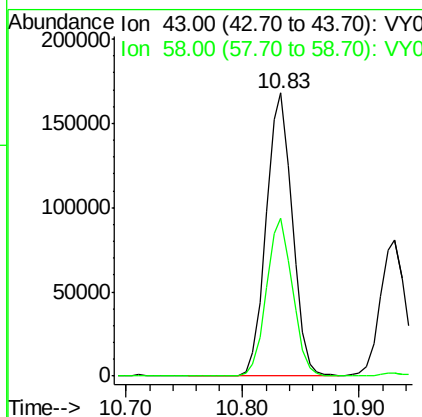
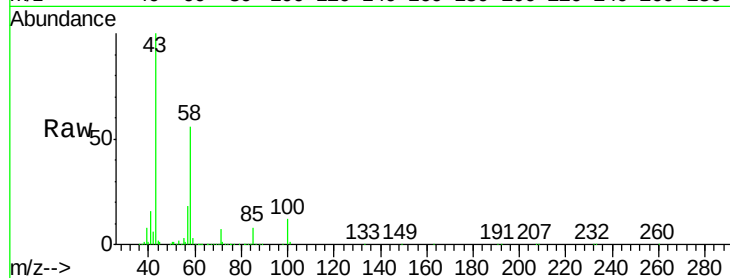
#59
2-Hexanone
Concen: 122.136 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.7	28.3	85.0

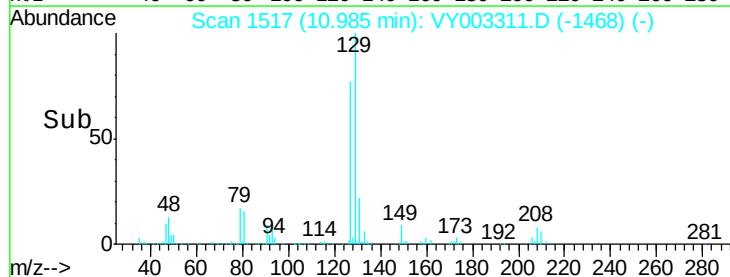
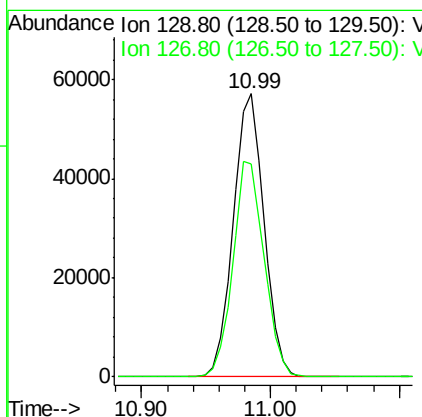
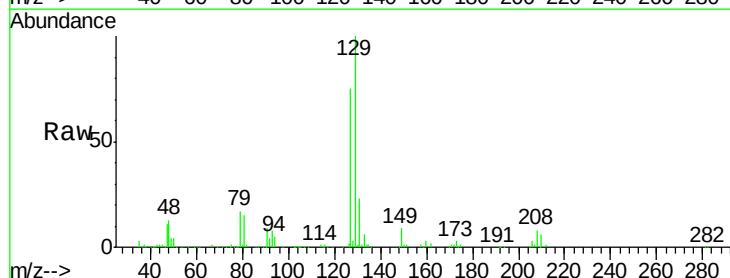
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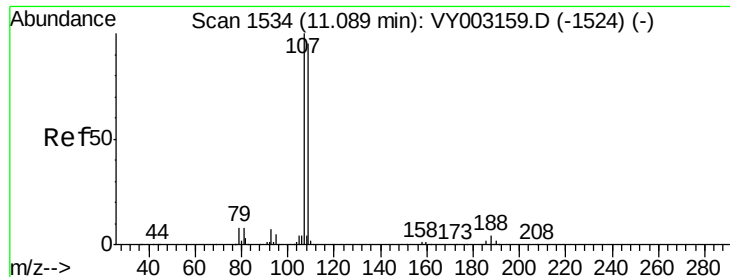
MMDadoda
7/24/2020 12:58:28 PM



#60
Dibromochloromethane
Concen: 22.725 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.5	115.5





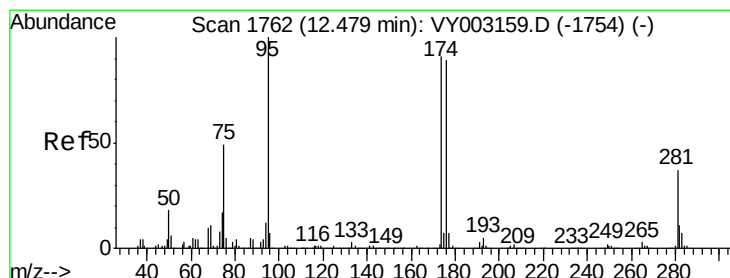
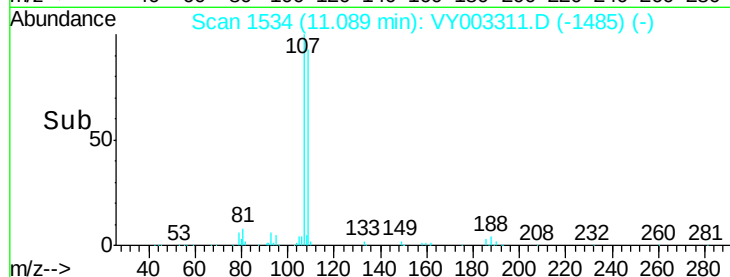
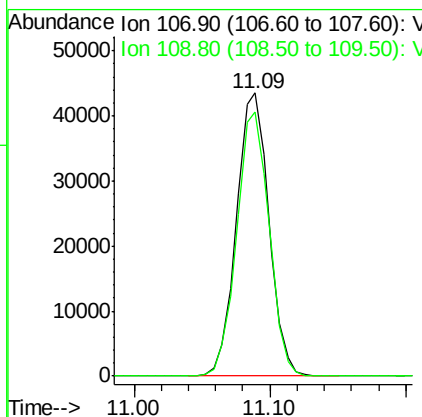
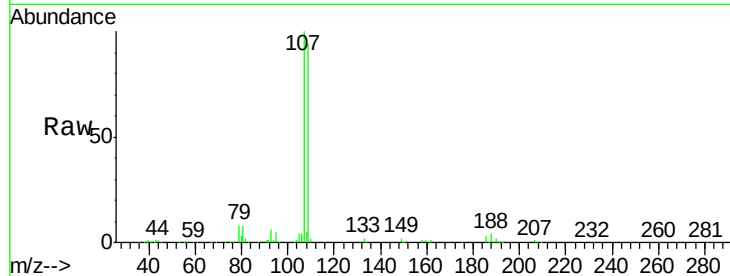
#61
 1,2-Dibromoethane
 Concen: 22.180 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion: 107 Resp: 72491
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.6 113.4

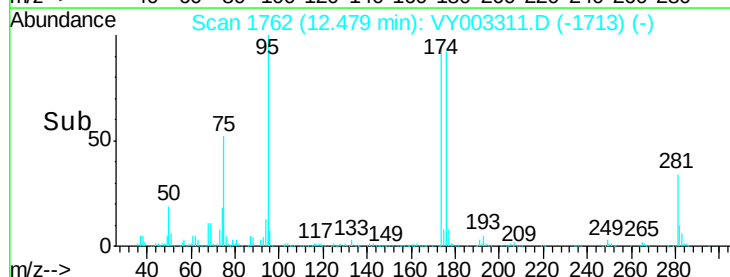
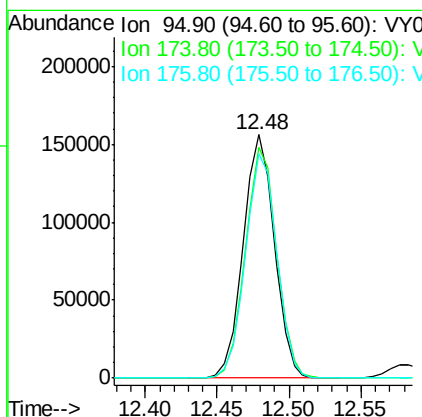
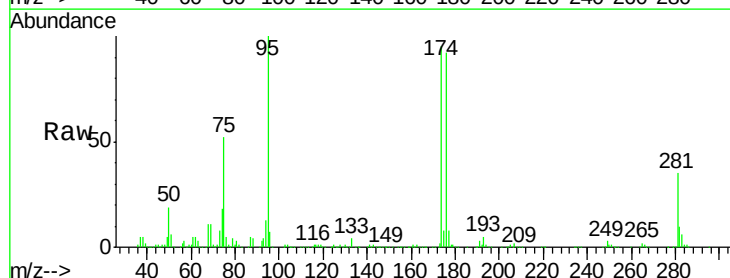
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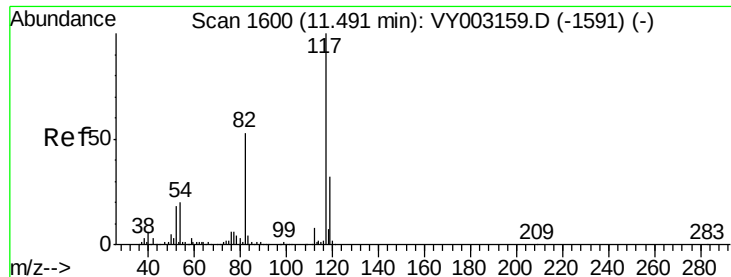
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 48.823 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion: 95 Resp: 233818
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 190.6
 176 92.3 0.0 186.4





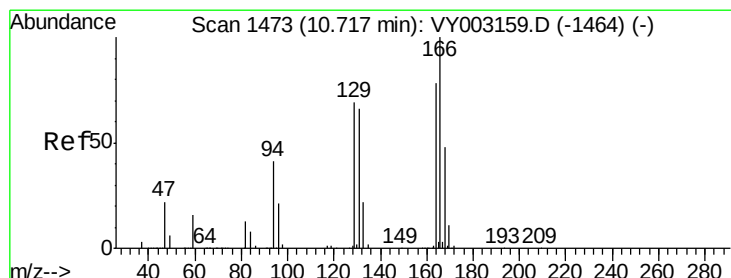
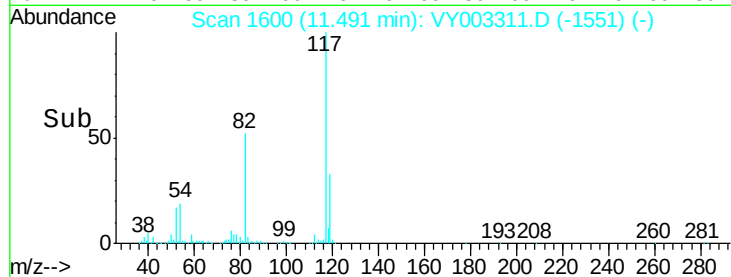
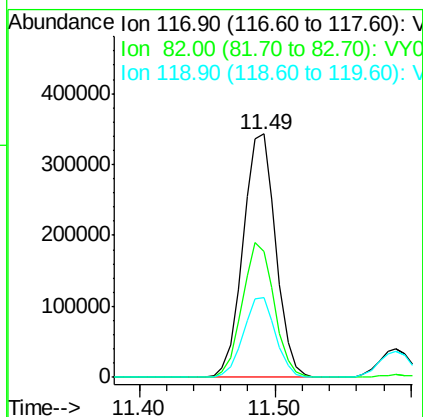
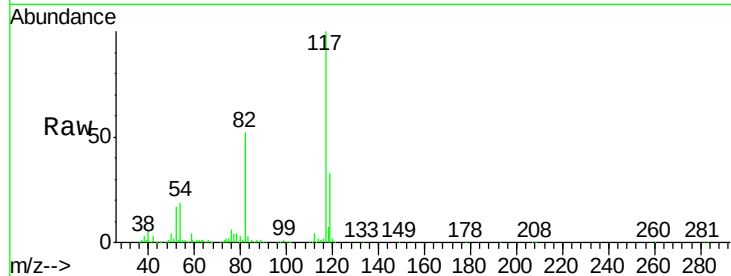
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.0	63.0
119	32.8	25.5	38.3

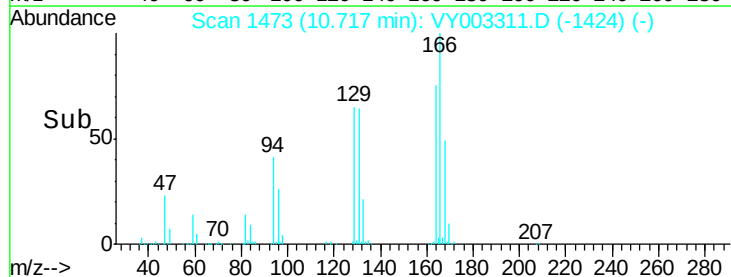
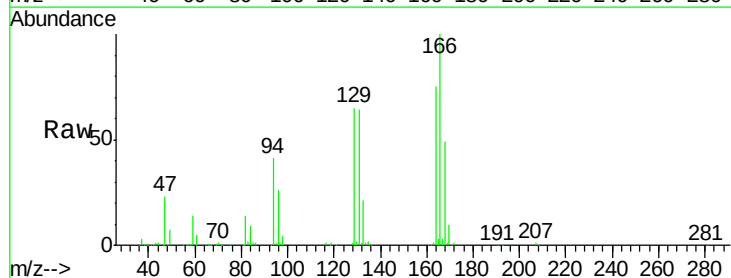
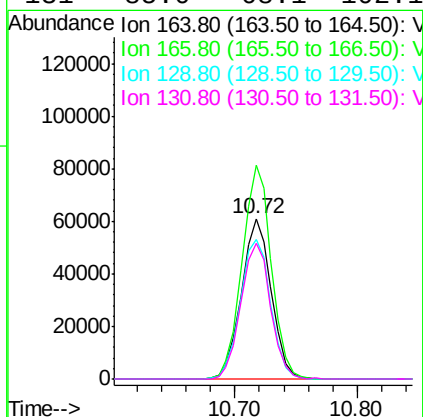
Manual Integrations
APPROVED

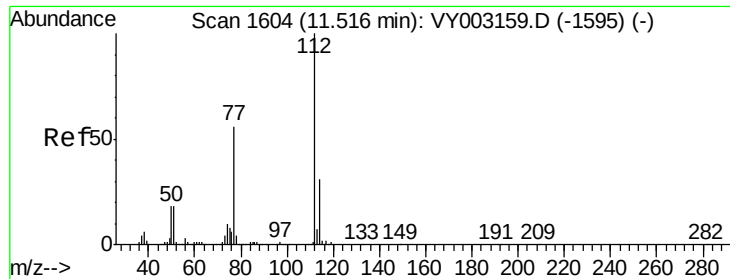
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#64
Tetrachloroethene
Concen: 19.993 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.1	102.9	154.3
129	86.8	71.4	107.2
131	85.0	68.1	102.1





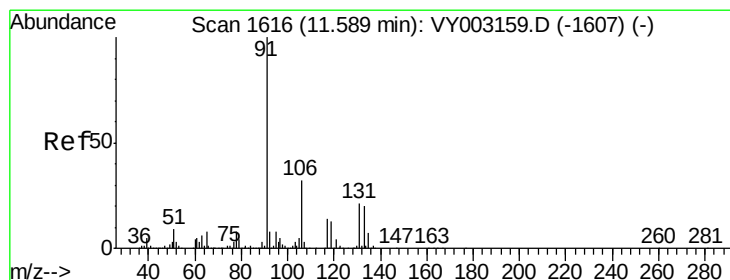
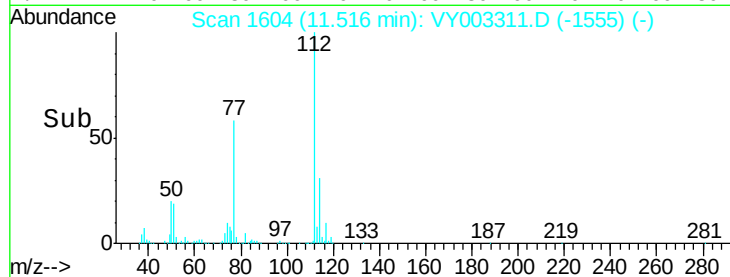
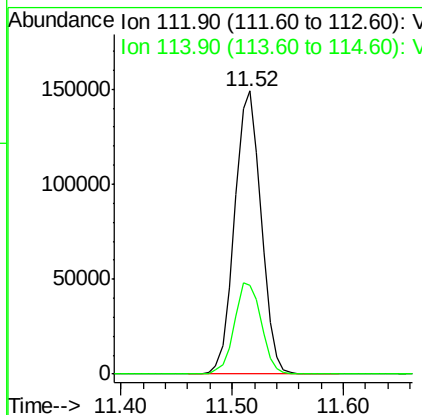
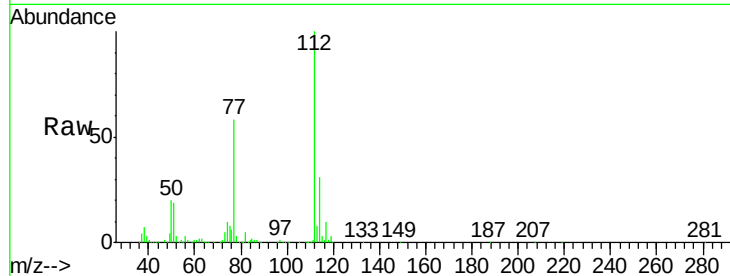
#65
Chlorobenzene
Concen: 22.127 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion:112 Resp: 244986
Ion Ratio Lower Upper
112 100
114 31.4 24.7 37.1

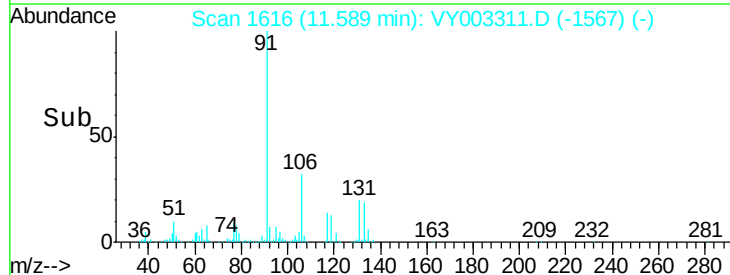
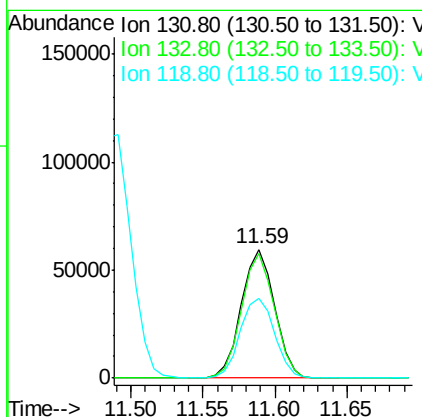
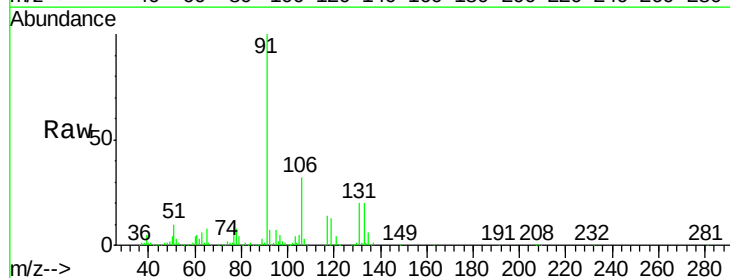
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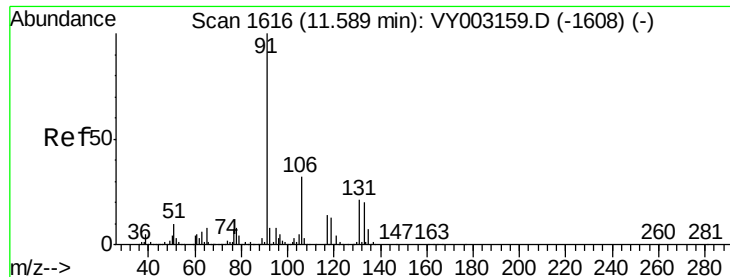
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.227 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion:131 Resp: 95582
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 64.0 32.4 97.0





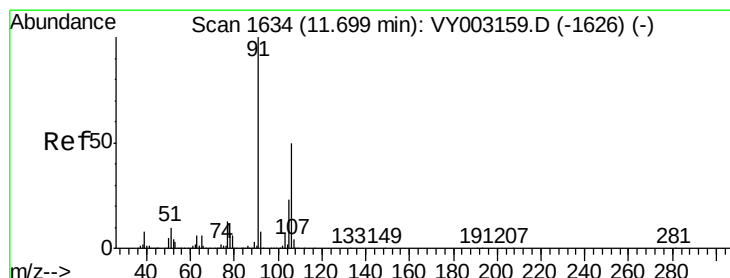
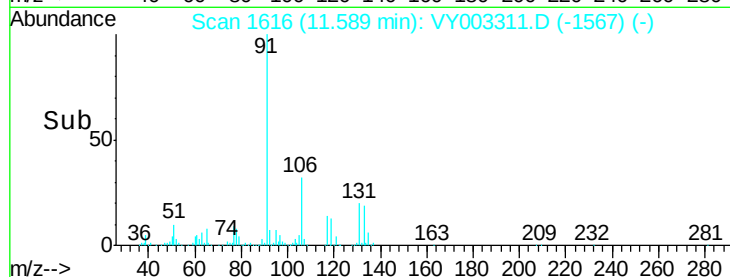
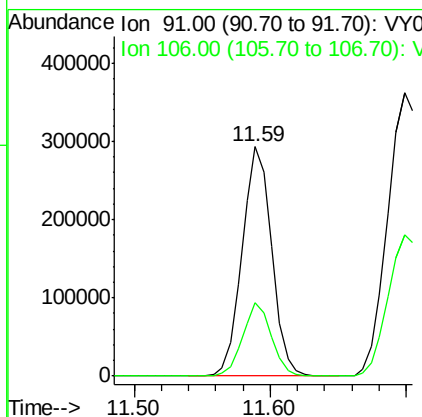
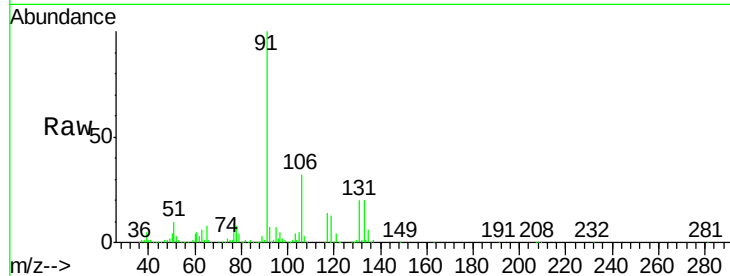
#67
Ethyl Benzene
Concen: 22.542 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.5	38.3

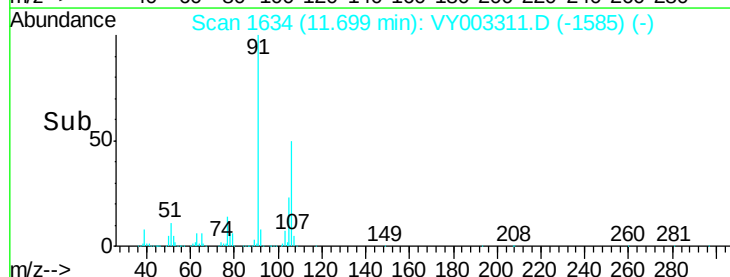
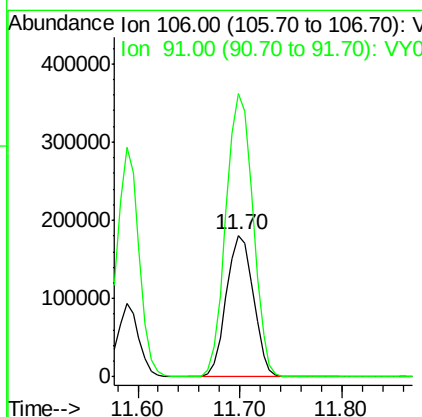
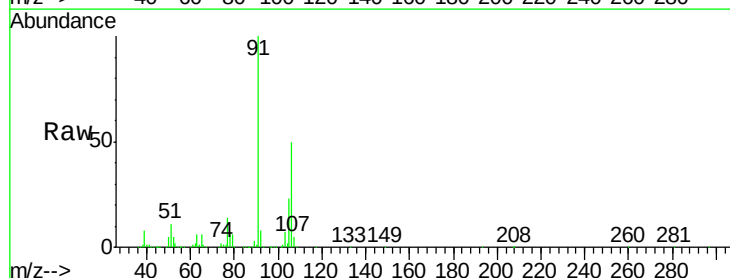
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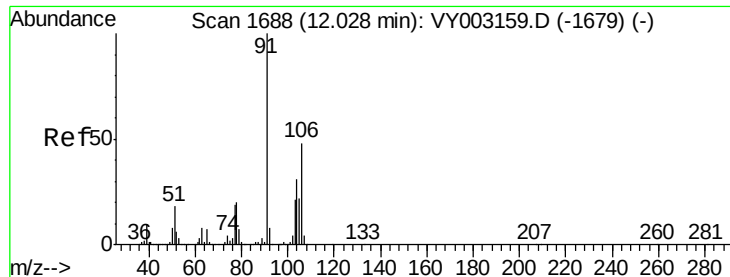
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#68
m/p-Xylenes
Concen: 44.265 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.2	159.0	238.6





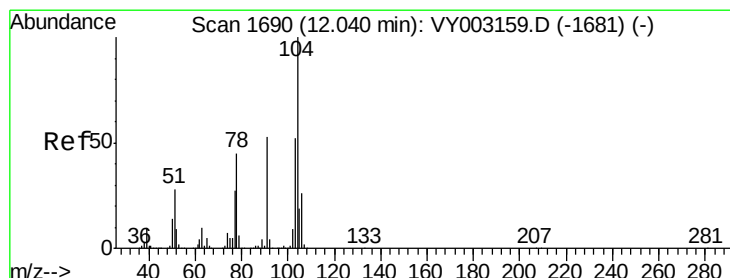
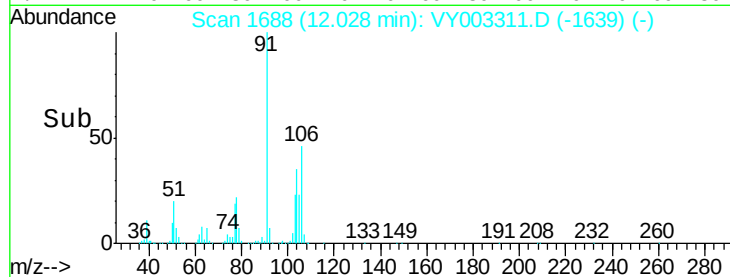
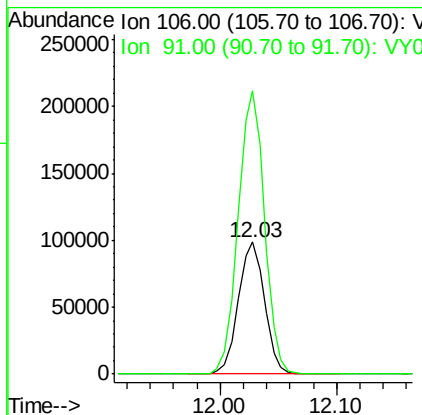
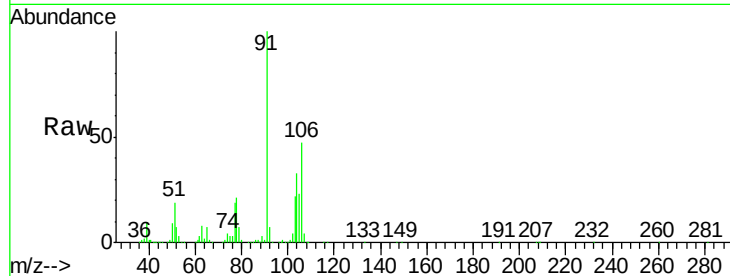
#69
o-Xylene
Concen: 22.167 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	155330		
91	91	214.7	105.1	315.1	

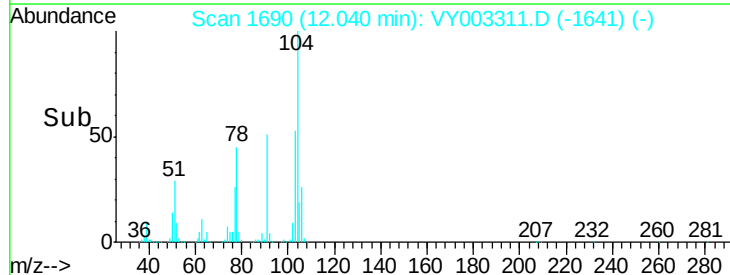
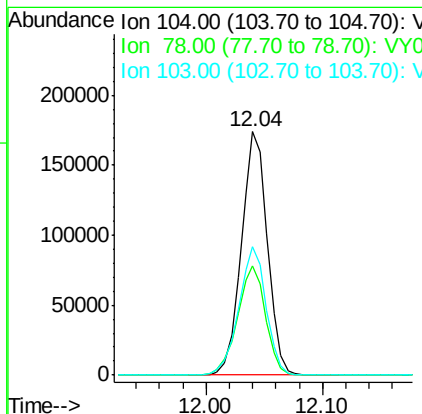
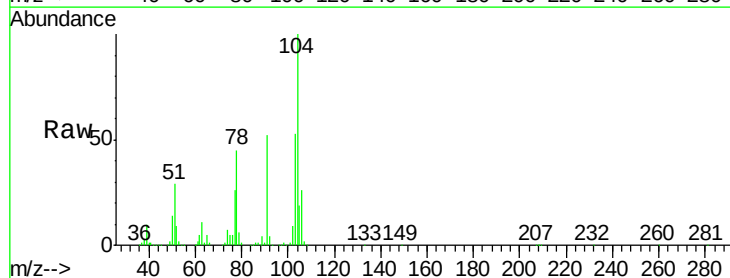
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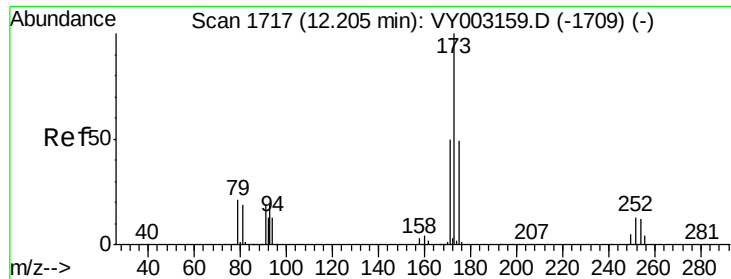
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#70
Styrene
Concen: 22.581 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	270686		
78	78	48.2	38.5	57.7	
103	103	55.4	43.9	65.9	





#71

Bromoform

Concen: 22.207 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

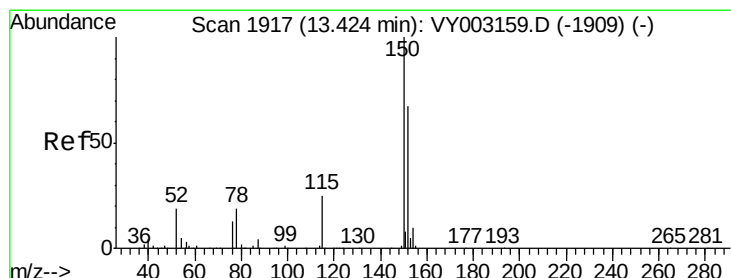
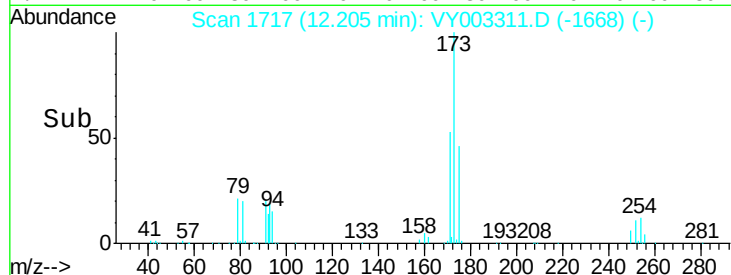
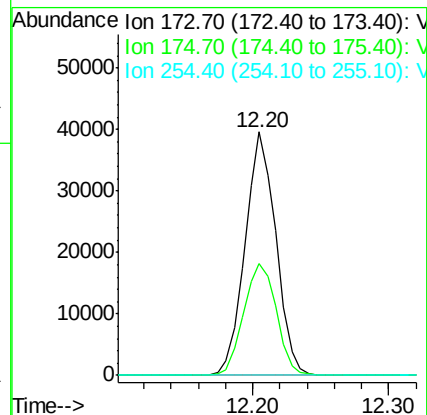
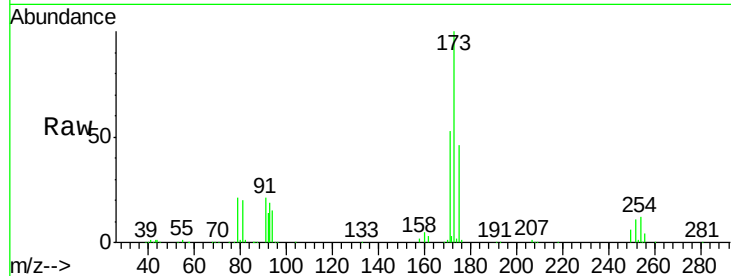
ClientSampleId :

VY0723SBS01

Tot Ion:	173	Resp:	62677
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.3	73.0
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

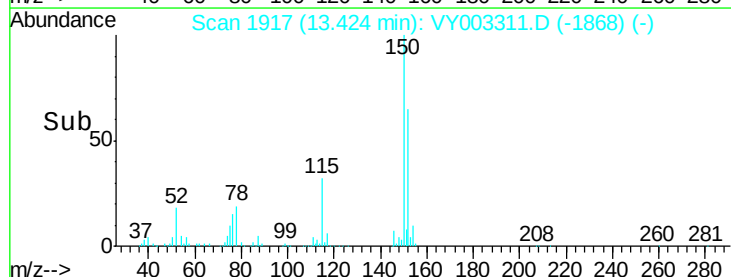
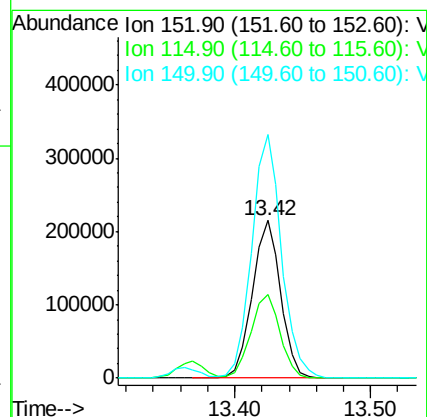
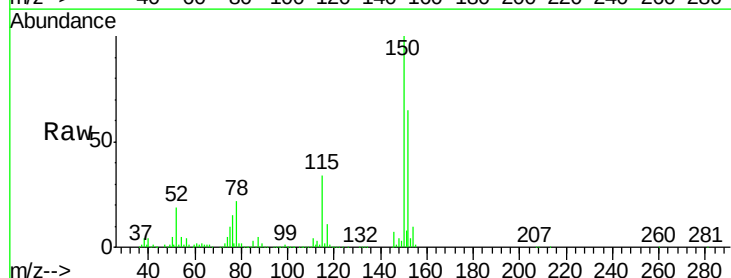
RT: 13.42 min Scan# 1917

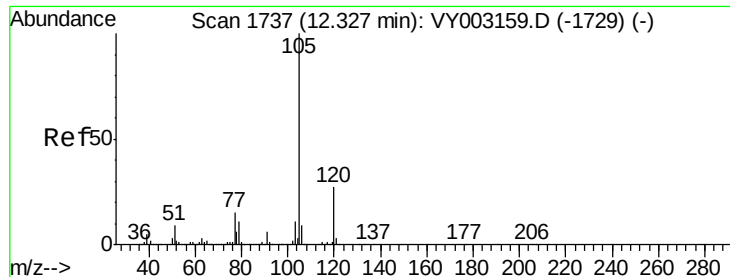
Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion:	152	Resp:	313554
Ion Ratio	Lower	Upper	
152	100		
115	54.4	26.9	80.7
150	162.6	0.0	338.0





#73

Isopropylbenzene

Concen: 21.624 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 105 Resp: 432080

Ion Ratio Lower Upper

105 100

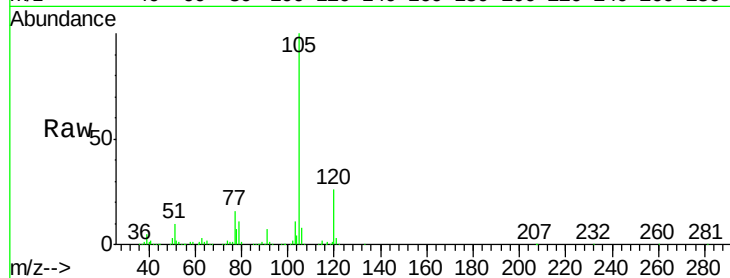
120 26.8 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

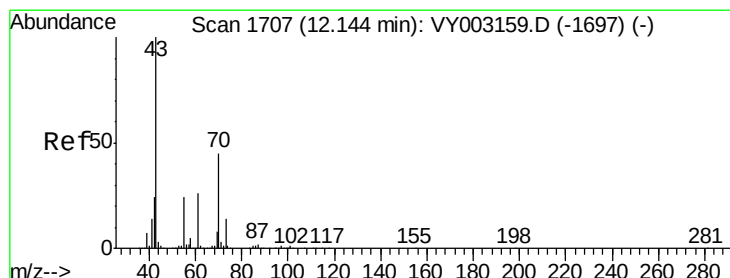
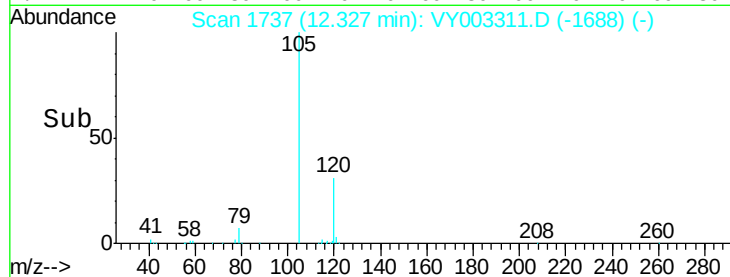
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 22.603 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion: 43 Resp: 126727

Ion Ratio Lower Upper

43 100

70 43.8 35.6 53.4

55 24.9 19.4 29.2

61 24.5 20.8 31.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

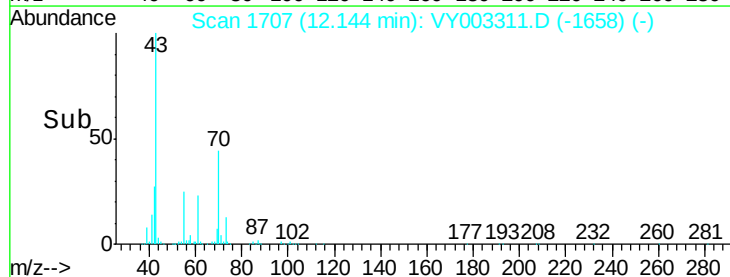
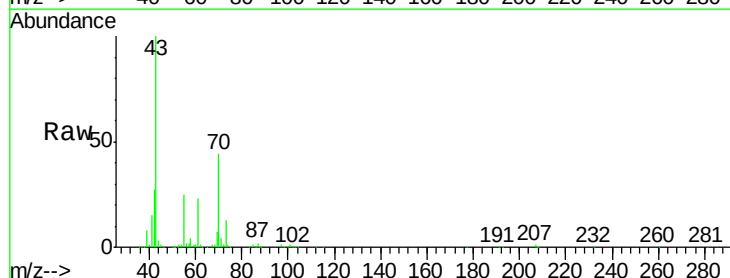
Ion 61.00 (60.70 to 61.70): VY0

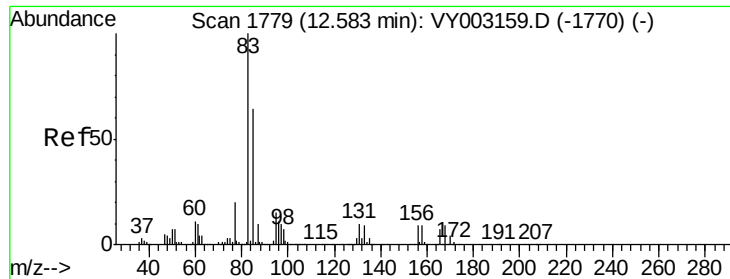
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.768 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

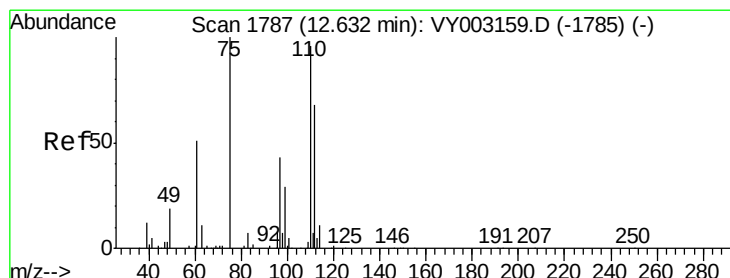
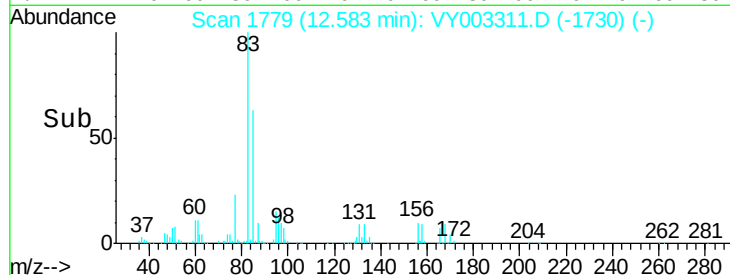
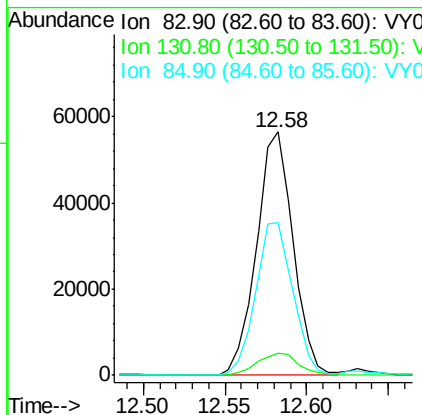
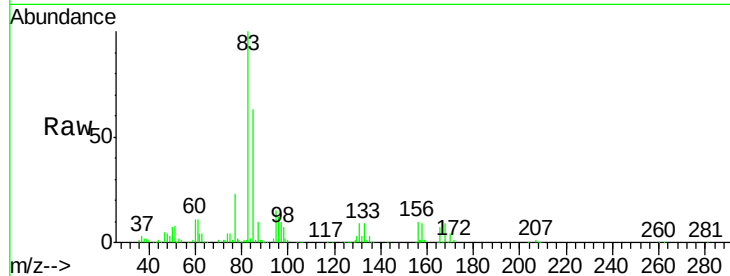
ClientSampleId :

VY0723SBS01

Tot Ion:	83	Resp:	87865
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	64.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 21.843 ug/l m

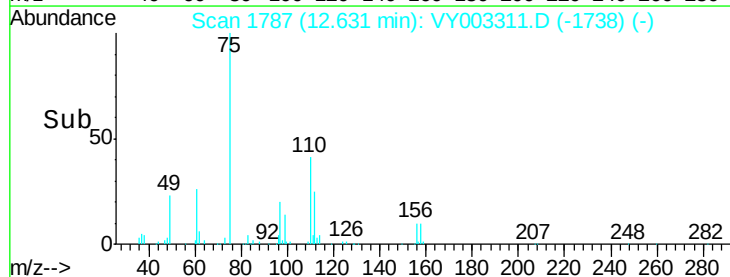
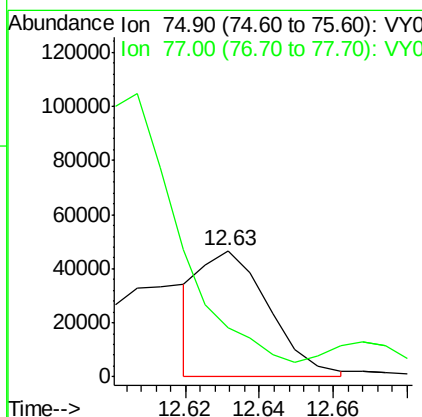
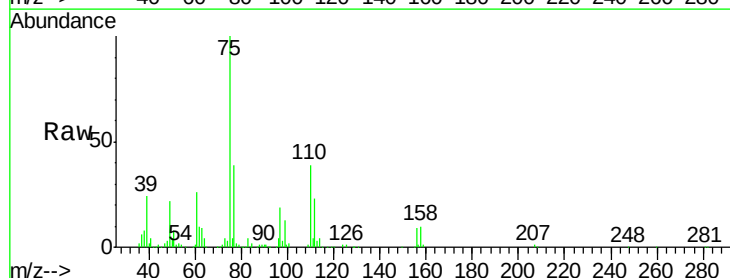
RT: 12.63 min Scan# 1787

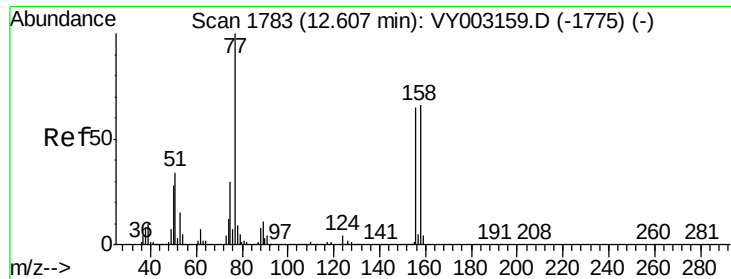
Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion:	75	Resp:	60625
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.742 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

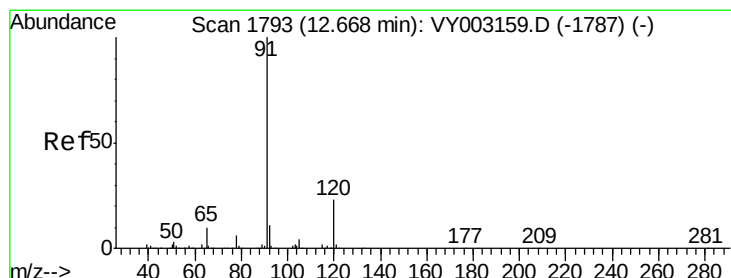
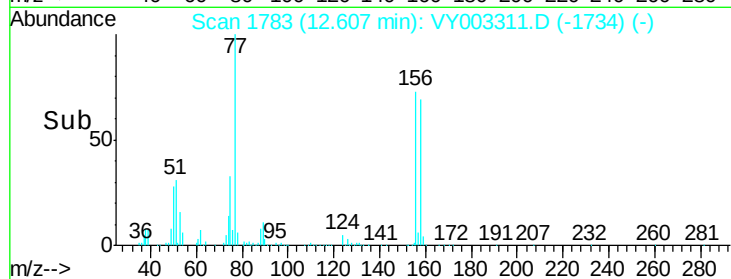
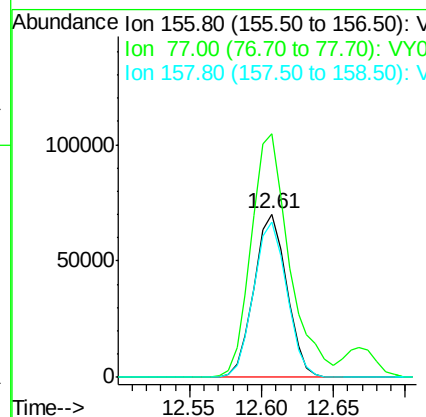
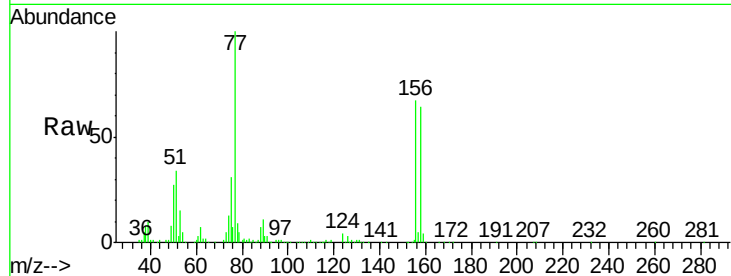
ClientSampleId :

VY0723SBS01

Tot Ion:	156	Resp:	110741
Ion Ratio	Lower	Upper	
156	100		
77	173.1	86.6	259.7
158	95.6	49.4	148.0

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#78

n-propylbenzene

Concen: 22.389 ug/l

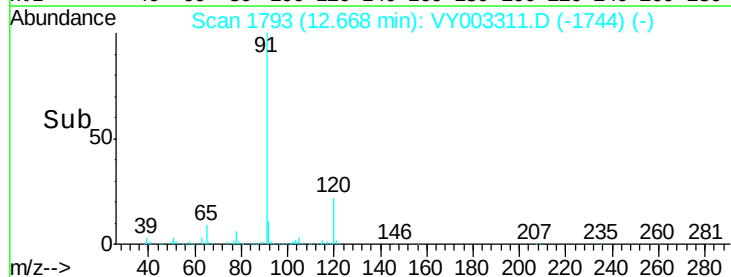
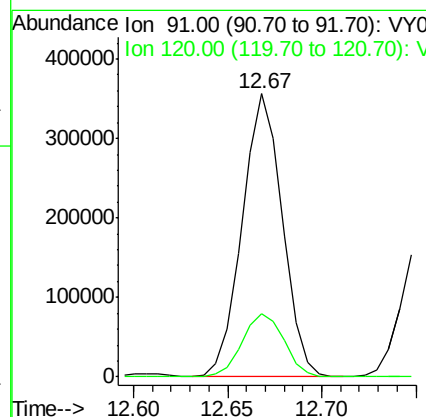
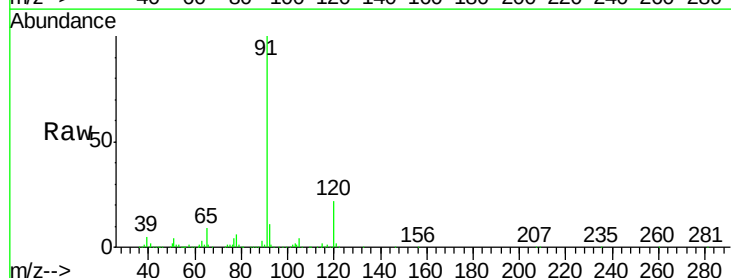
RT: 12.67 min Scan# 1793

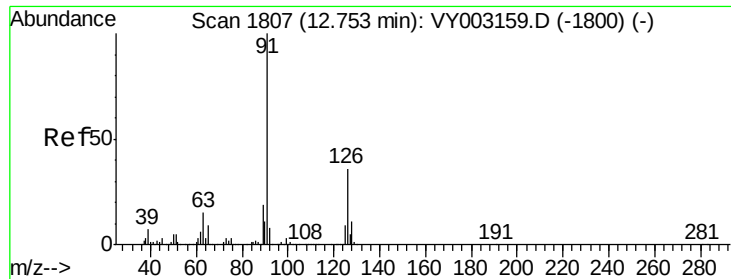
Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion:	91	Resp:	527343
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.1





#79

2-Chlorotoluene

Concen: 21.862 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 91 Resp: 287298

Ion Ratio Lower Upper

91 100

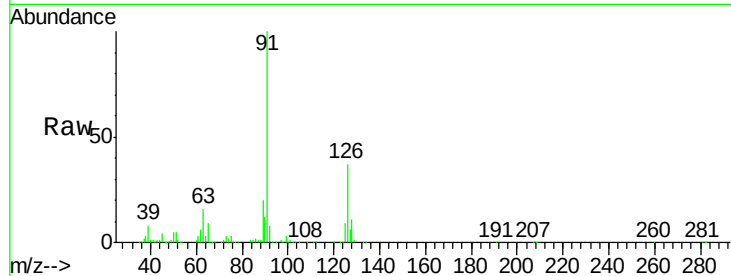
126 36.3 17.6 52.9

Manual Integrations

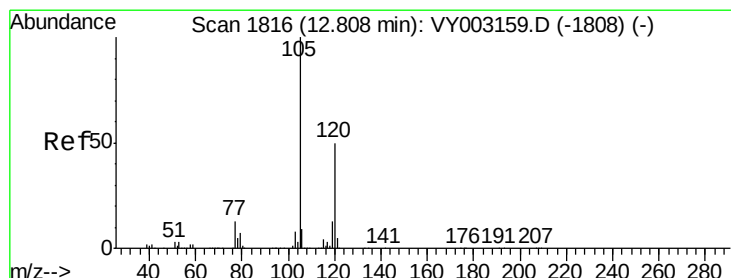
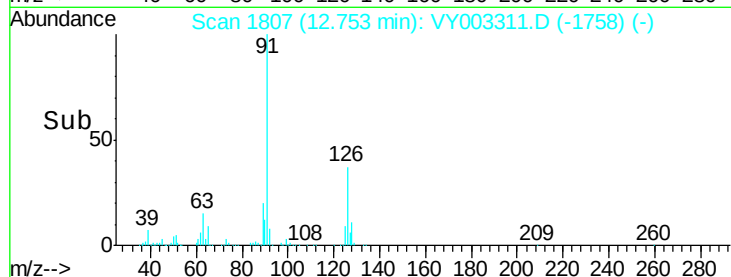
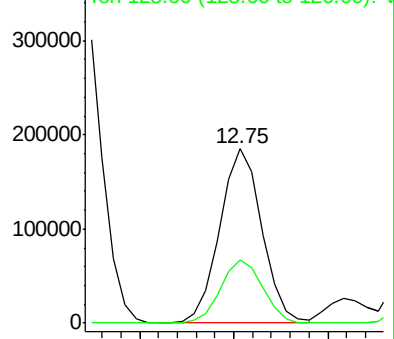
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Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.182 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003311.D

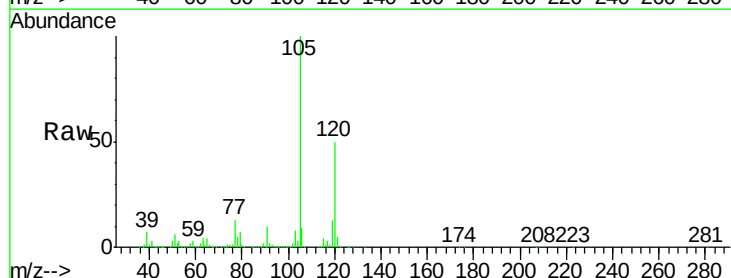
Acq: 23 Jul 2020 12:56

Tgt Ion: 105 Resp: 369418

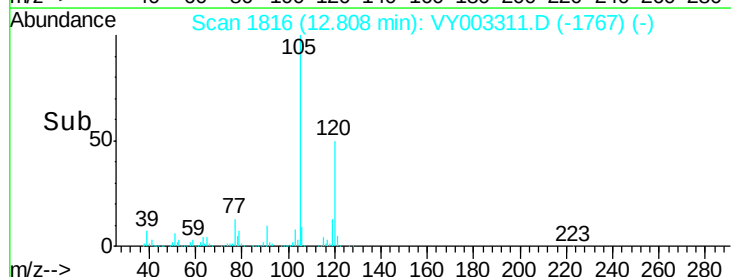
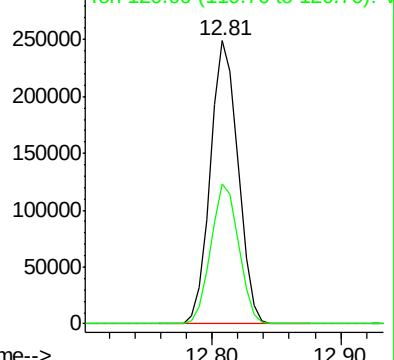
Ion Ratio Lower Upper

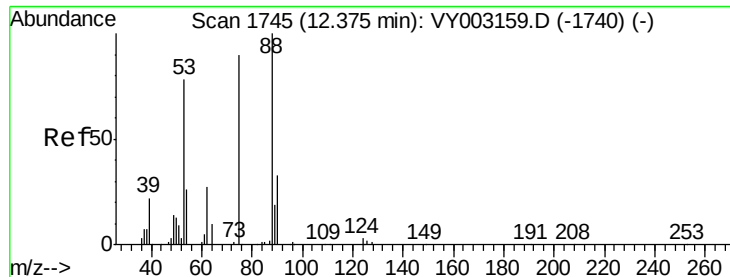
105 100

120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003159.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.450 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

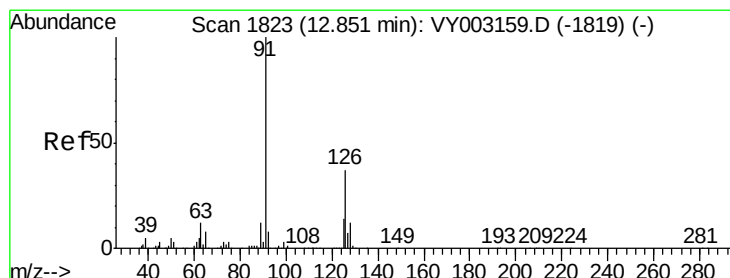
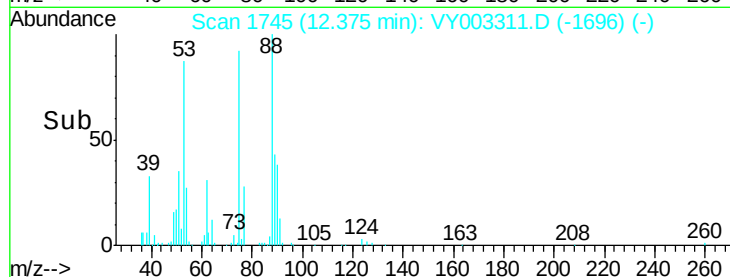
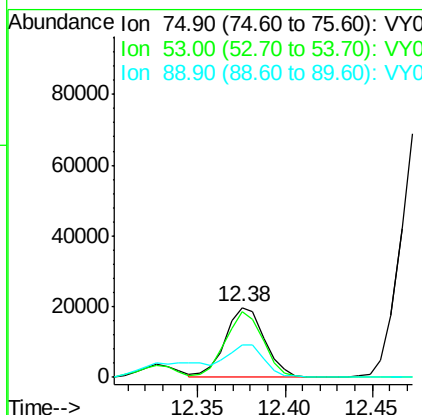
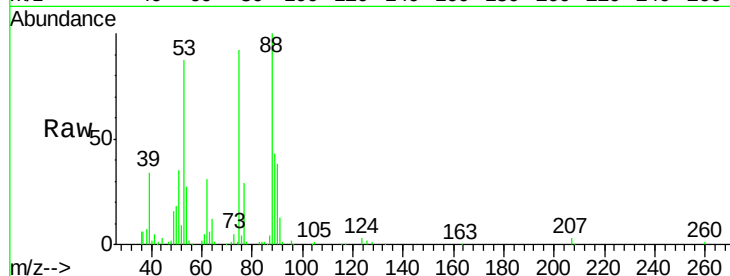
ClientSampleId :

VY0723SBS01

Tot Ion:	75	Resp:	30590
Ion	Ratio	Lower	Upper
75	100		
53	92.1	72.0	108.0
89	46.4	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.048 ug/l

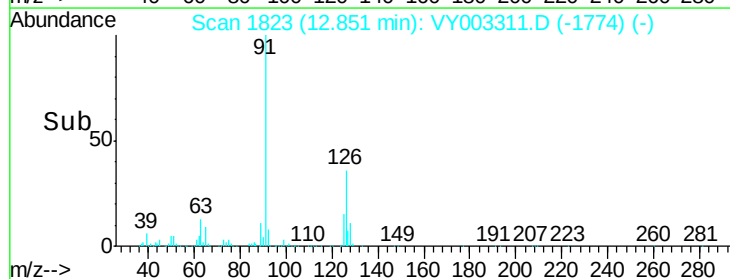
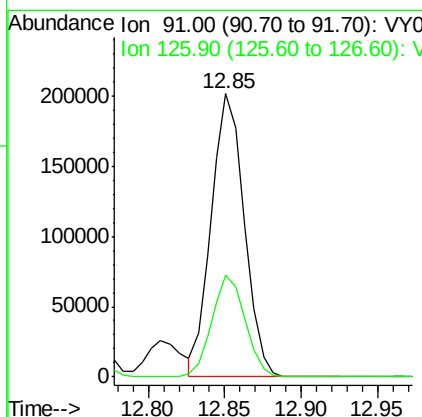
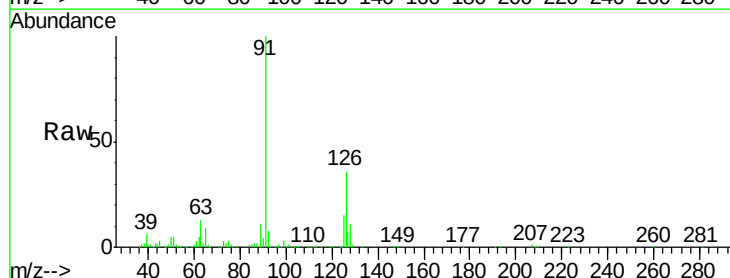
RT: 12.85 min Scan# 1823

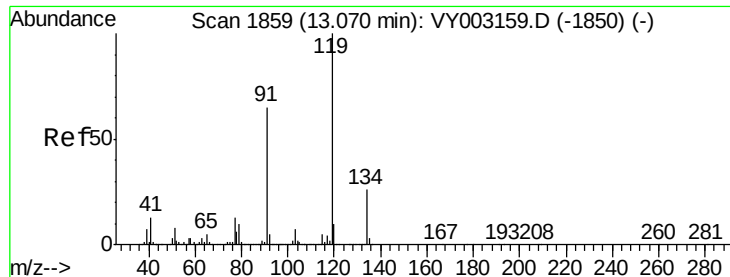
Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion:	91	Resp:	302425
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.9	53.7





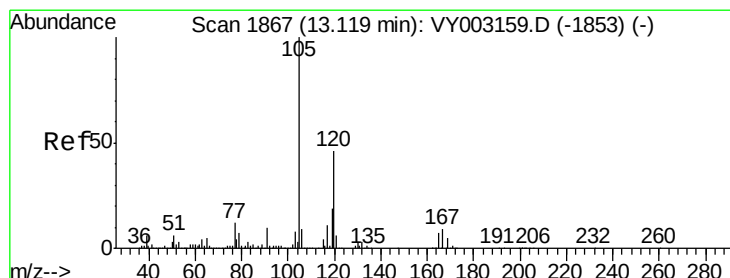
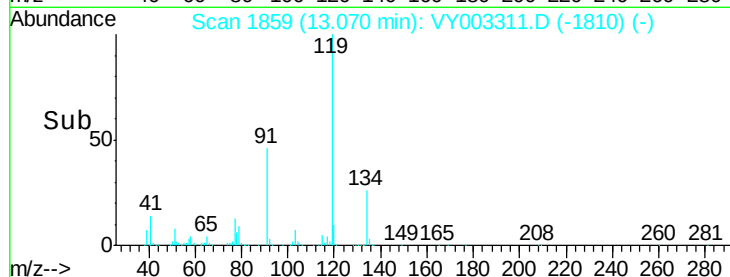
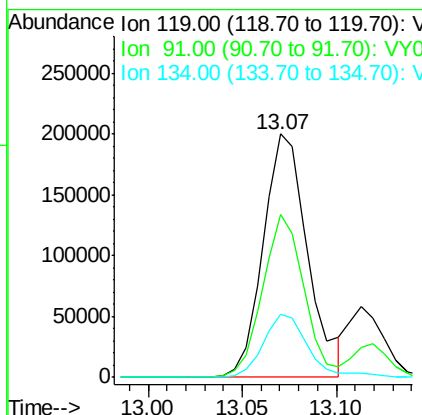
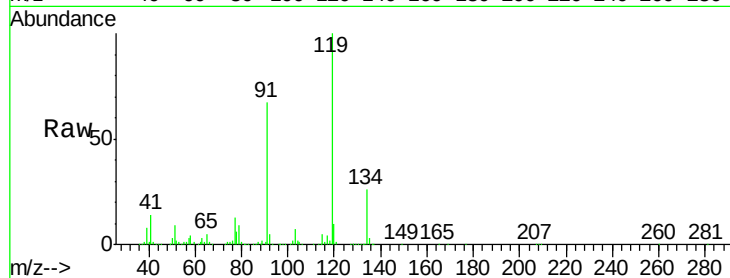
#83
 tert-Butylbenzene
 Concen: 22.258 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	30.8	92.4
134	26.4	13.2	39.6

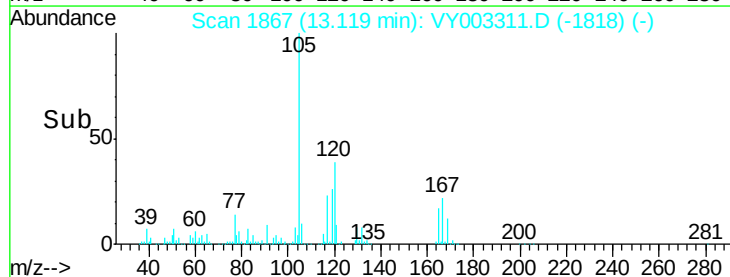
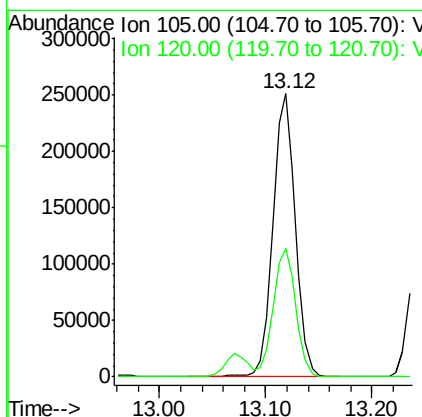
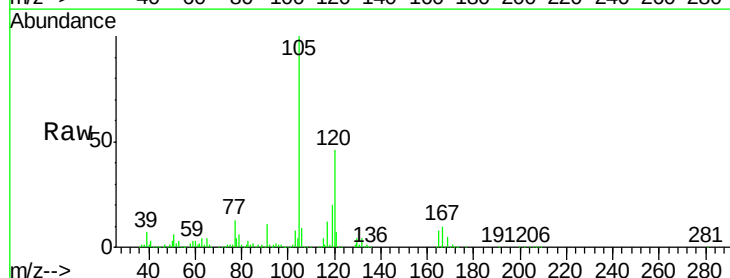
Manual Integrations
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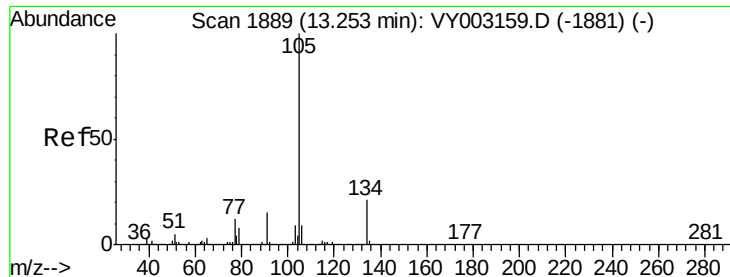
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.959 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.5	67.5





#85

sec-Butylbenzene

Concen: 22.277 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion:105 Resp: 449925

Ion Ratio Lower Upper

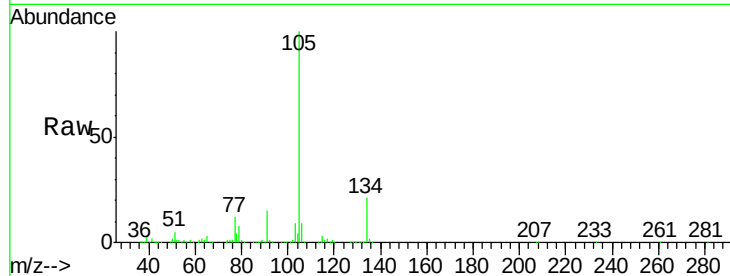
105 100

134 21.1 10.4 31.4

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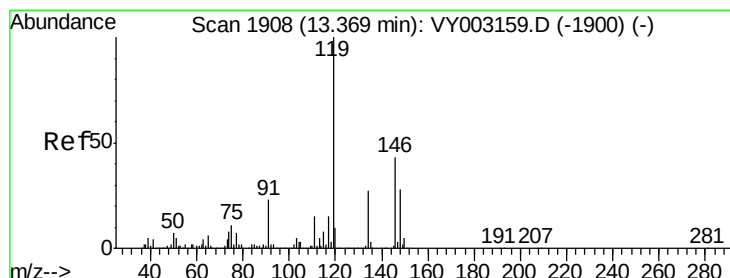
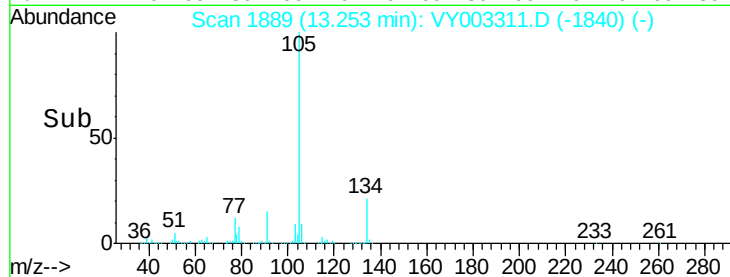
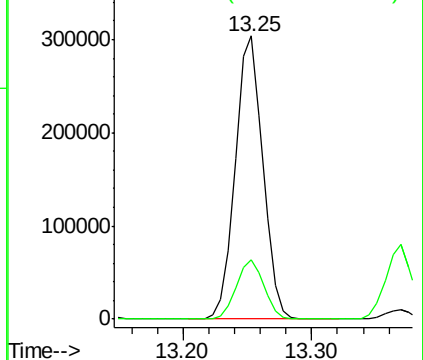
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.986 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

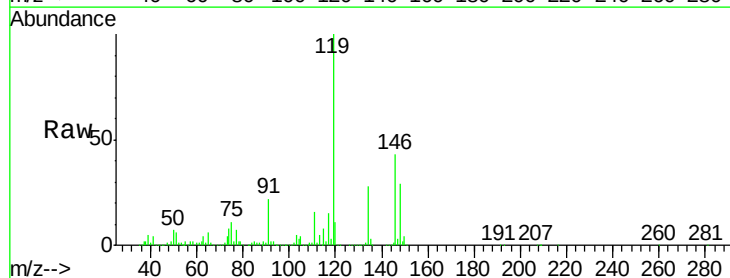
Tgt Ion:119 Resp: 414619

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

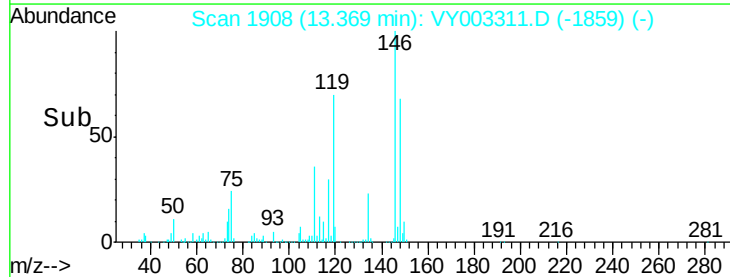
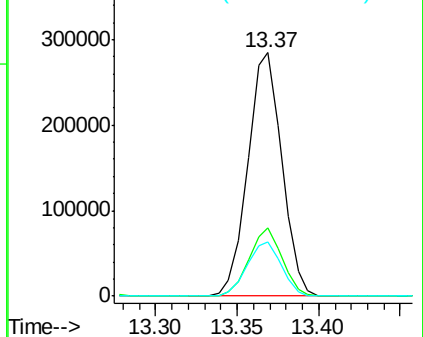
91 22.5 11.2 33.6

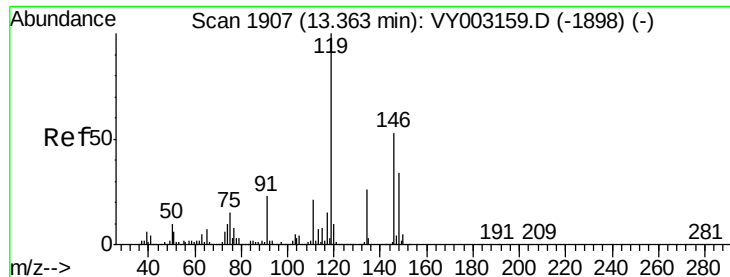


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 22.023 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

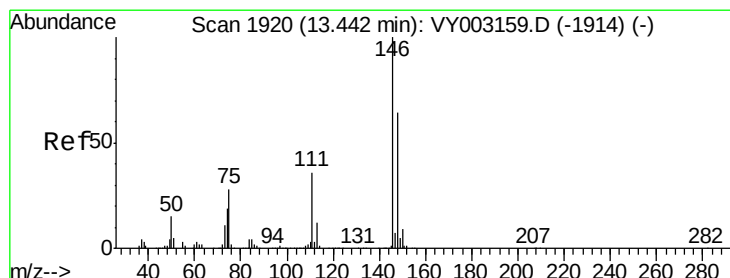
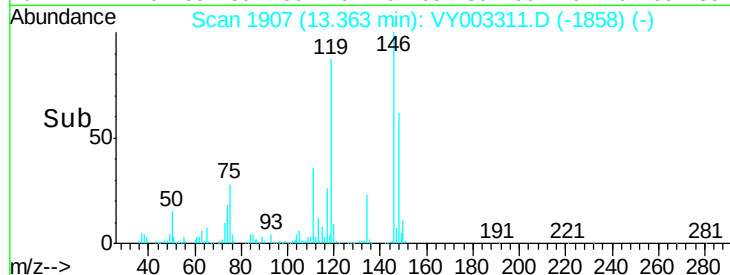
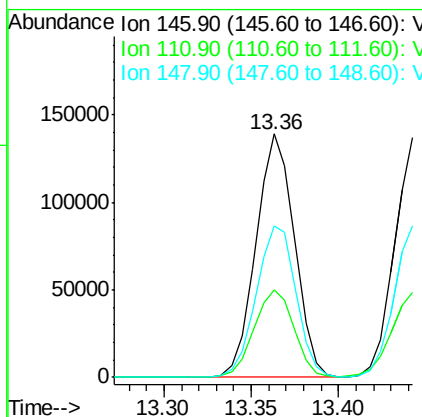
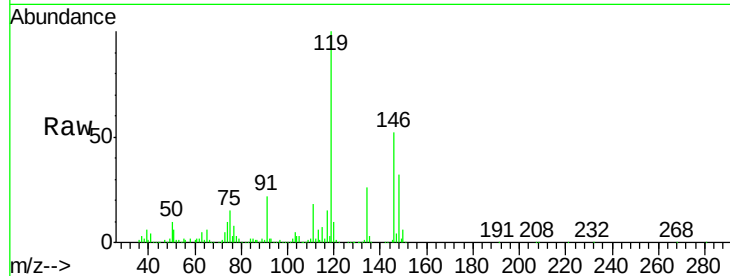
Instrument :
MSVOA_Y

ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	64.3	32.3	96.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 22.114 ug/l

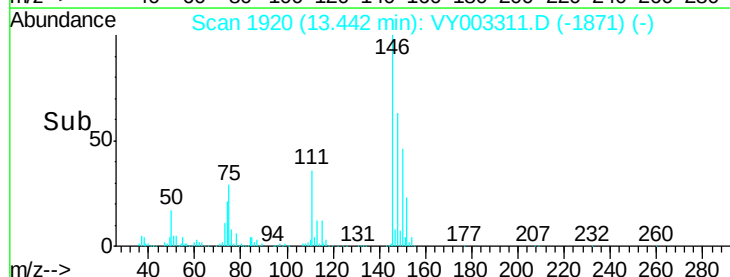
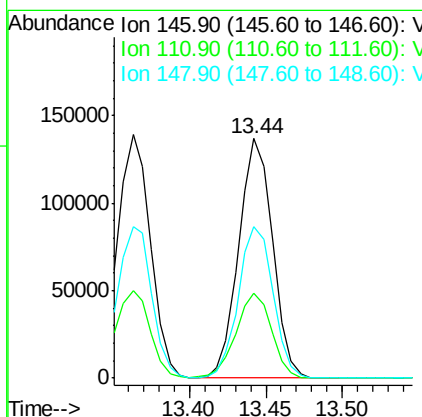
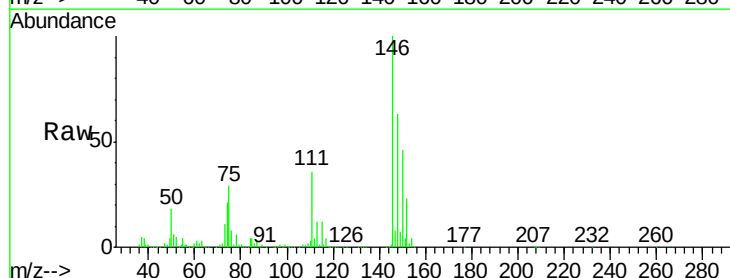
RT: 13.44 min Scan# 1920

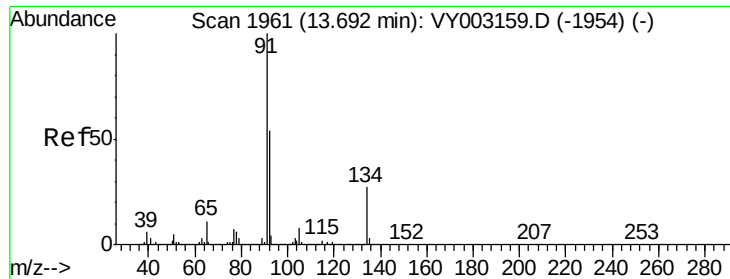
Delta R.T. -0.00 min

Lab File: VY003311.D

Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.0
148	64.8	32.0	96.0





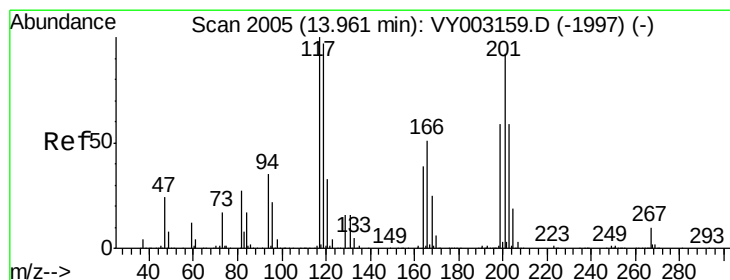
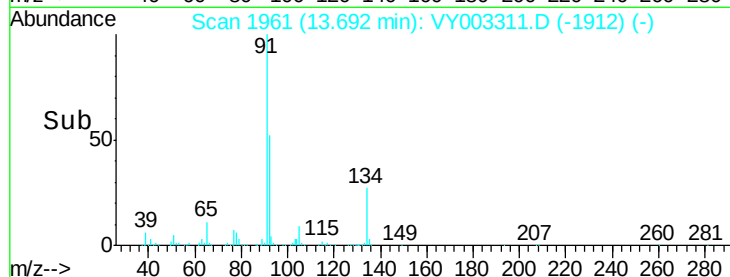
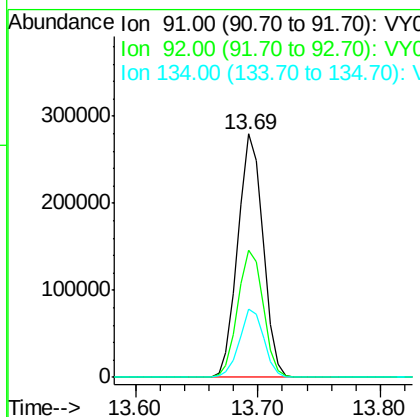
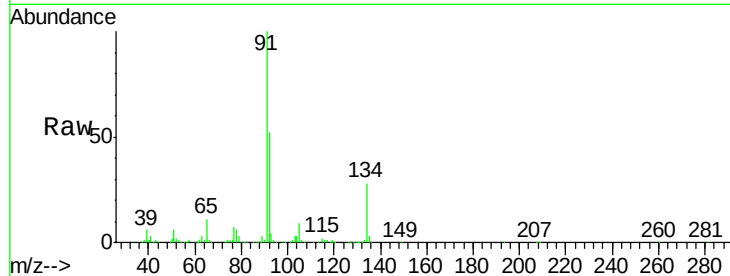
#89
n-Butylbenzene
Concen: 22.397 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.9	80.7
134	27.0	13.6	40.7

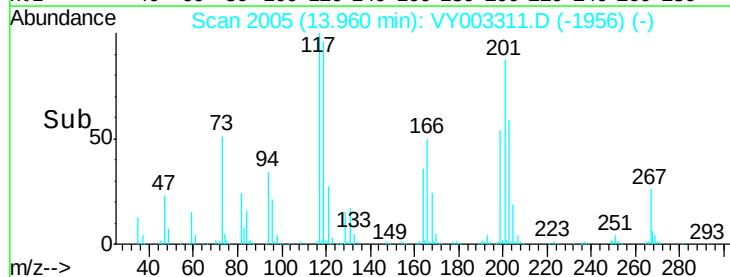
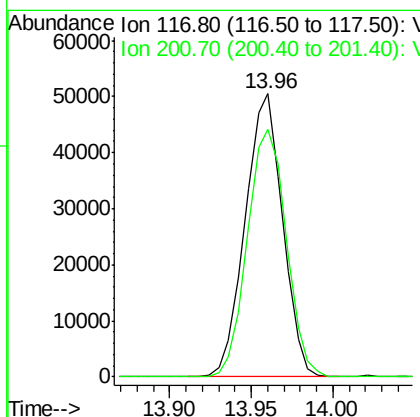
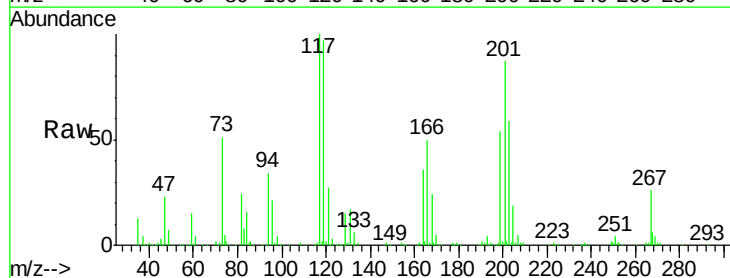
Manual Integrations
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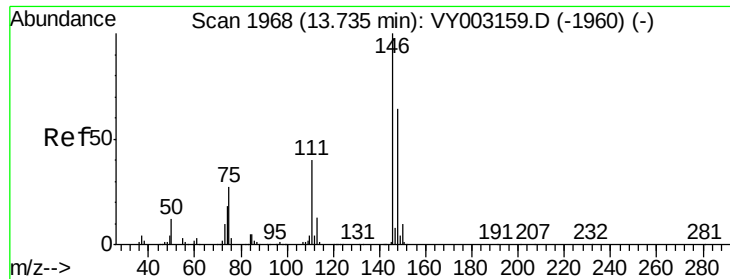
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#90
Hexachloroethane
Concen: 23.473 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.9	45.1	135.3





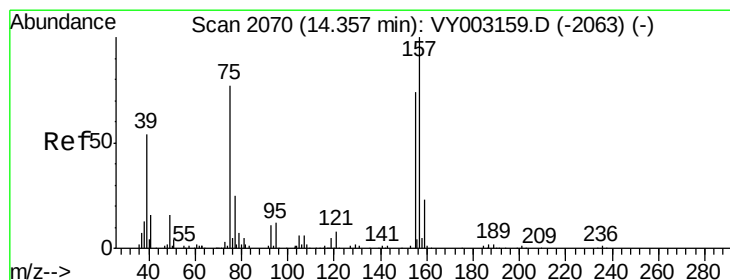
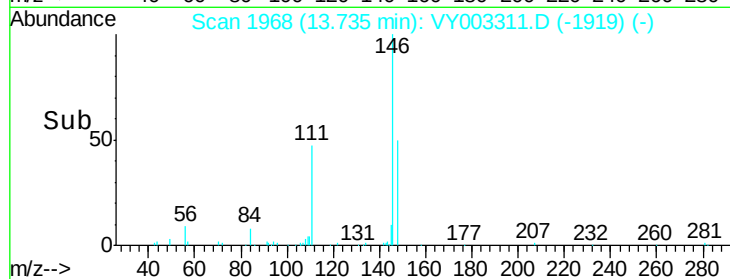
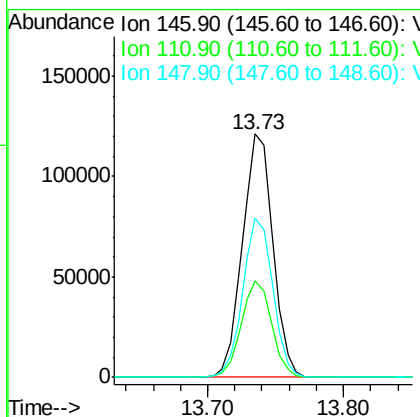
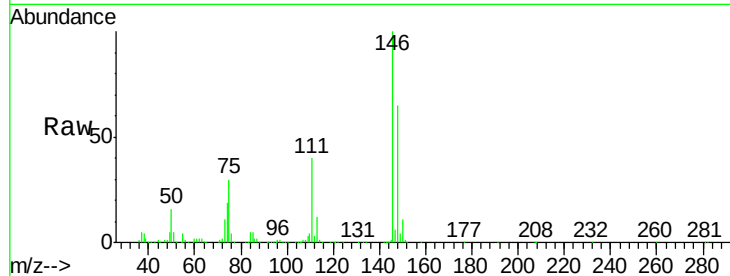
#91
 1,2-Dichlorobenzene
 Concen: 22.529 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	64.4	32.4	97.0

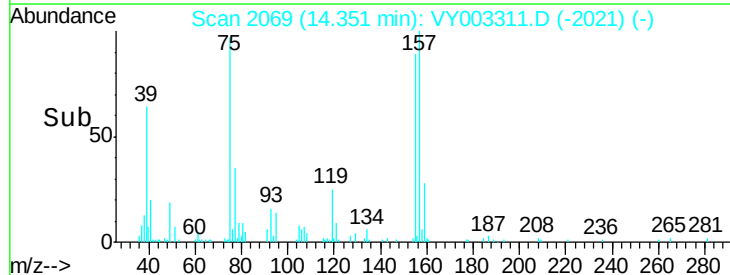
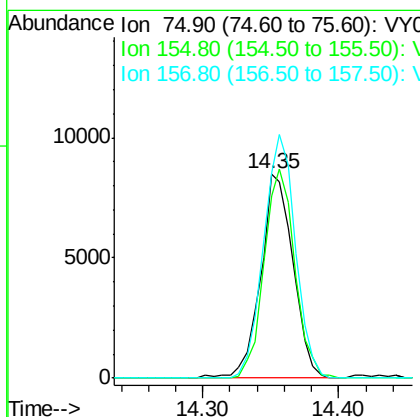
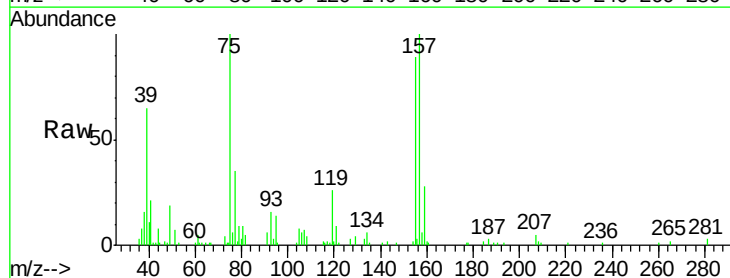
Manual Integrations
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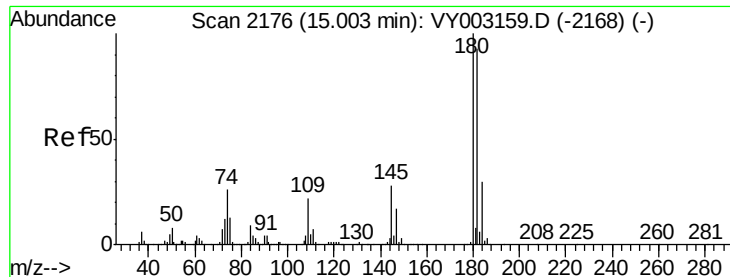
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.691 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	48.1	144.3
157	116.7	61.9	185.6





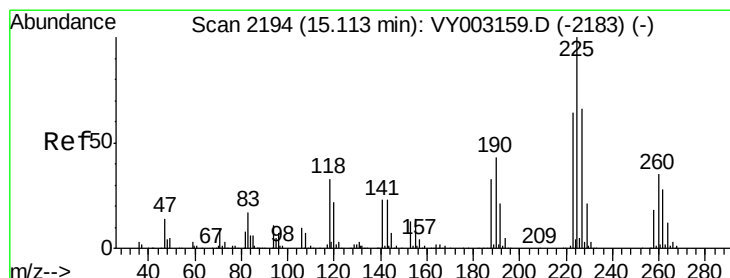
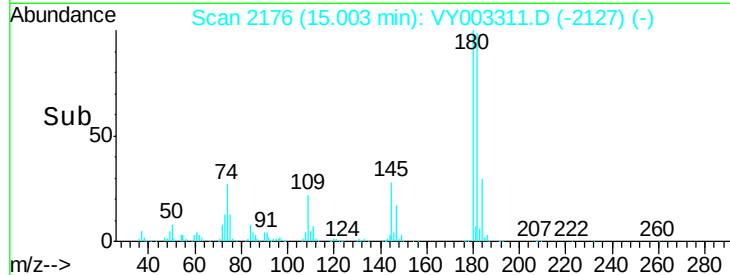
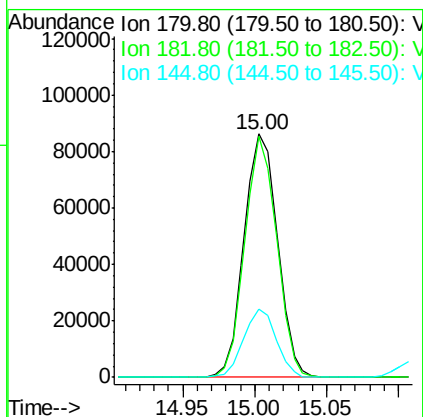
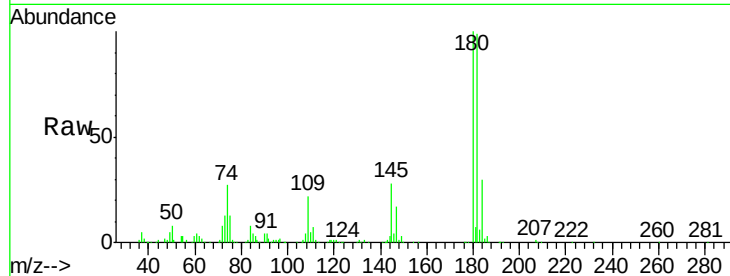
#93
 1,2,4-Trichlorobenzene
 Concen: 23.090 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	138849		
182	94.3	47.3	142.0	
145	27.4	13.7	41.1	

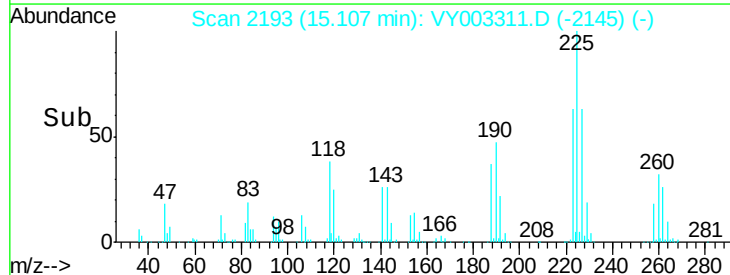
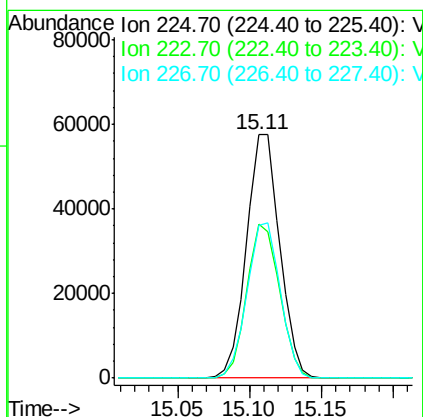
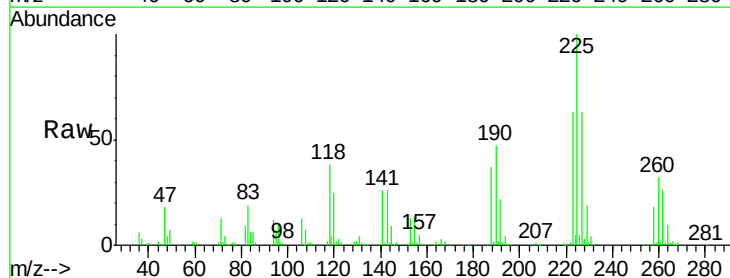
Manual Integrations
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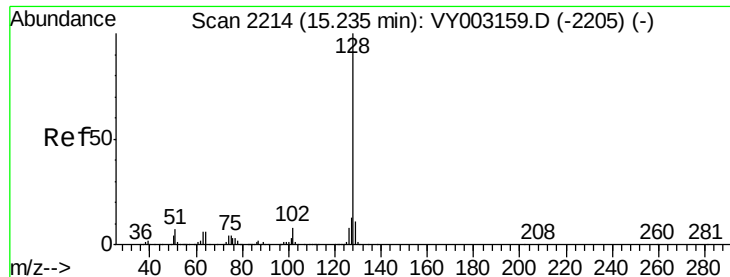
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 7/24/2020 12:58:28 PM



#94
 Hexachlorobutadiene
 Concen: 22.248 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003311.D
 Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	91669		
223	62.6	31.6	94.7	
227	63.5	32.3	96.8	





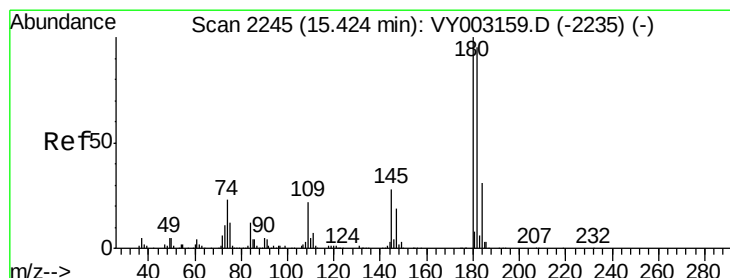
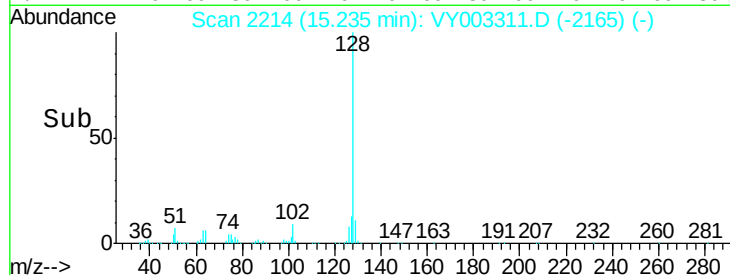
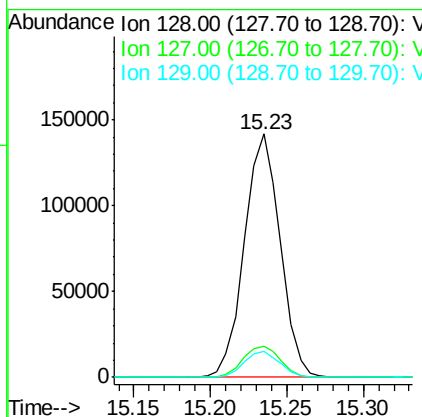
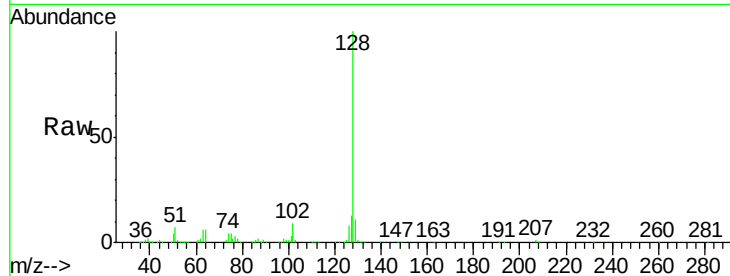
#95
Naphthalene
Concen: 23.266 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	231217		
127	13.4	10.9	16.3	
129	10.7	9.0	13.6	

Manual Integrations
APPROVED

MMDadoda
7/24/2020 12:58:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 23.517 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003311.D
Acq: 23 Jul 2020 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111788		
182	95.7	48.8	146.3	
145	28.5	14.9	44.5	

