

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003104.D
 Acq On : 06 Jul 2020 11:22
 Operator : SY/MD
 Sample : VY0706SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 11:12:00 AM

Quant Time: Jul 07 07:48:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	445468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	643741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	580970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	313029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	215454	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	7.72	113	206173	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.18	98	760566	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.48	95	268557	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	63806	18.913	ug/l	98
3) Chloromethane	2.11	50	89571	18.131	ug/l	100
4) Vinyl Chloride	2.26	62	97032	20.135	ug/l	95
5) Bromomethane	2.65	94	74619	22.806	ug/l	96
6) Chloroethane	2.80	64	64491	21.037	ug/l	96
7) Trichlorofluoromethane	3.13	101	142950	21.017	ug/l	99
8) Diethyl Ether	3.54	74	48684	20.879	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	86869	21.390	ug/l	99
10) Methyl Iodide	4.10	142	97930	19.446	ug/l	100
11) Tert butyl alcohol	4.96	59	50465	111.921	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	81838	21.179	ug/l	91
13) Acrolein	3.74	56	35890	88.624	ug/l	97
14) Allyl chloride	4.49	41	129168	19.146	ug/l	98
15) Acrylonitrile	5.17	53	125767	104.656	ug/l	99
16) Acetone	3.96	43	108541	104.018	ug/l	98
17) Carbon Disulfide	4.20	76	249929	20.244	ug/l	100
18) Methyl Acetate	4.49	43	57744	20.540	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	236606	21.006	ug/l	97
20) Methylene Chloride	4.72	84	101137	17.138	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	91183	20.862	ug/l	98
22) Diisopropyl ether	6.13	45	286833	19.836	ug/l	97
23) Vinyl Acetate	6.07	43	958146	99.110	ug/l	99
24) 1,1-Dichloroethane	6.03	63	161352	20.427	ug/l	99
25) 2-Butanone	6.99	43	171123	103.237	ug/l	99
26) 2,2-Dichloropropane	6.99	77	149155	20.784	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	101614	20.727	ug/l	98
28) Bromochloromethane	7.35	49	62378	17.748	ug/l	88
29) Tetrahydrofuran	7.35	42	113147	102.647	ug/l	95
30) Chloroform	7.51	83	163786	20.930	ug/l	100
31) Cyclohexane	7.79	56	156034	20.052	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	149837	20.977	ug/l	99
36) 1,1-Dichloropropene	7.92	75	129079	20.817	ug/l	98
37) Ethyl Acetate	7.08	43	78798	21.135	ug/l	99
38) Carbon Tetrachloride	7.91	117	138098	21.406	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	161200	20.968	ug/l	98
40) Benzene	8.16	78	360306	21.224	ug/l	100
41) Methacrylonitrile	7.32	41	38848m	19.506	ug/l	
42) 1,2-Dichloroethane	8.24	62	112757	20.996	ug/l	100
43) Isopropyl Acetate	8.28	43	142211	20.065	ug/l	96
44) Trichloroethene	8.94	130	108488	21.987	ug/l	100
45) 1,2-Dichloropropane	9.22	63	94098	20.603	ug/l	99
46) Dibromomethane	9.31	93	53960	21.154	ug/l	98
47) Bromodichloromethane	9.50	83	132261	21.175	ug/l	98
48) Methyl methacrylate	9.30	41	64534	20.004	ug/l	96
49) 1,4-Dioxane	9.30	88	14475	464.864	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	384728	105.023	ug/l	98
52) Toluene	10.24	92	226996	21.241	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	136291	20.812	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	155385	20.748	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	78067	22.024	ug/l	99
56) Ethyl methacrylate	10.51	69	107443	20.940	ug/l	98
57) 1,3-Dichloropropane	10.79	76	132329	21.266	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	235273	89.404	ug/l	98
59) 2-Hexanone	10.83	43	272603	106.465	ug/l	97
60) Dibromochloromethane	10.99	129	98317	21.674	ug/l	99
61) 1,2-Dibromoethane	11.09	107	76168	21.797	ug/l	99
64) Tetrachloroethene	10.72	164	108781	22.123	ug/l	98
65) Chlorobenzene	11.52	112	255175	22.275	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	98405	22.002	ug/l	99
67) Ethyl Benzene	11.59	91	449934	21.469	ug/l	99
68) m/p-Xylenes	11.70	106	337669	43.291	ug/l	99
69) o-Xylene	12.03	106	159612	21.716	ug/l	97
70) Styrene	12.05	104	274586	21.868	ug/l	99
71) Bromoform	12.20	173	65631	22.007	ug/l #	99
73) Isopropylbenzene	12.33	105	441040	21.528	ug/l	99
74) N-amyl acetate	12.14	43	134006	20.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	91523	22.138	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	70174m	22.651	ug/l	
77) Bromobenzene	12.61	156	111822	21.288	ug/l	98
78) n-propylbenzene	12.67	91	518351	21.039	ug/l	99
79) 2-Chlorotoluene	12.75	91	290315	21.110	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	370038	21.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	34290	21.534	ug/l	97
82) 4-Chlorotoluene	12.85	91	305493	21.336	ug/l	99
83) tert-Butylbenzene	13.08	119	322977	21.396	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	375297	21.665	ug/l	100
85) sec-Butylbenzene	13.25	105	448888	21.575	ug/l	100
86) p-Isopropyltoluene	13.37	119	416532	21.605	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	209304	21.343	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	213544	22.083	ug/l	99
89) n-Butylbenzene	13.70	91	394632	21.394	ug/l	99
90) Hexachloroethane	13.96	117	81147	21.196	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	190946	21.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16339	22.325	ug/l	98

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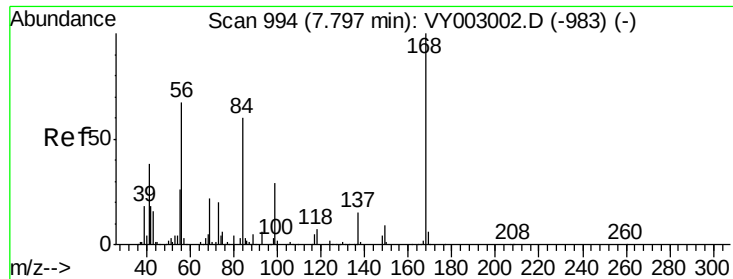
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	141877	21.701	ug/l	99
94) Hexachlorobutadiene	15.11	225	89855	21.789	ug/l	98
95) Naphthalene	15.23	128	260165	21.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	123109	21.685	ug/l	100

(#) = 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: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion:168 Resp: 445468

Ion Ratio Lower Upper

168 100

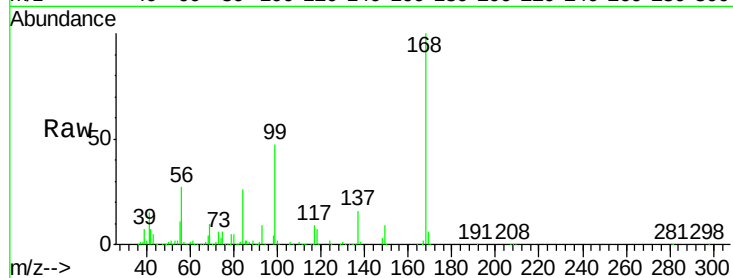
99 47.2 39.2 58.8

Manual Integrations

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7/7/2020 11:12:00 AM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

150000

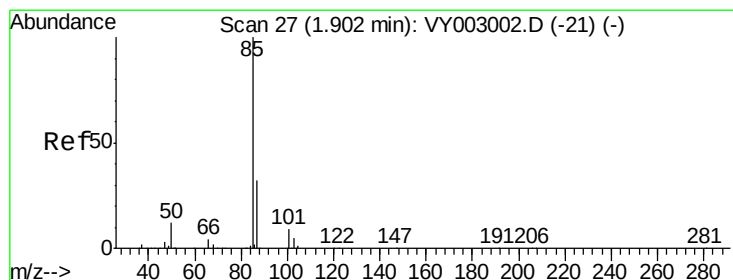
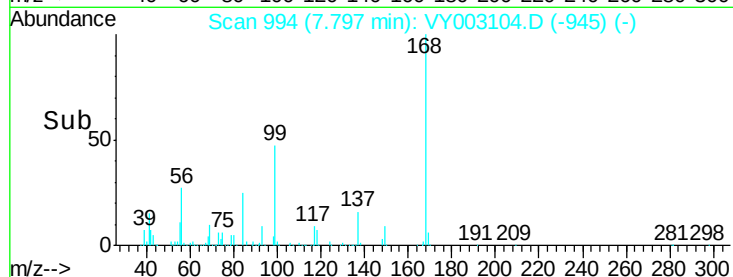
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.913 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003104.D

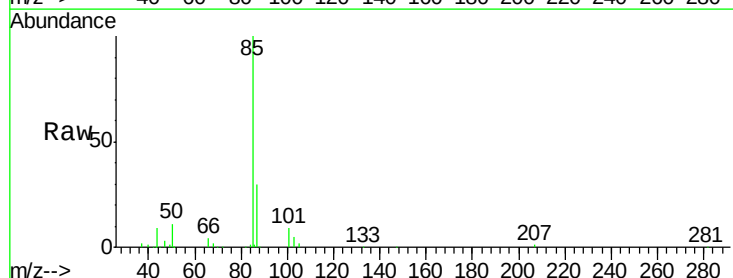
Acq: 06 Jul 2020 11:22

Tgt Ion: 85 Resp: 63806

Ion Ratio Lower Upper

85 100

87 30.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

40000

30000

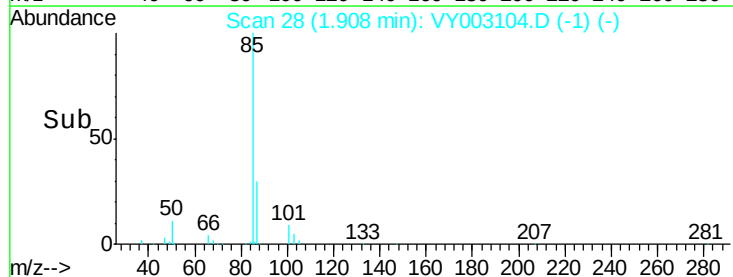
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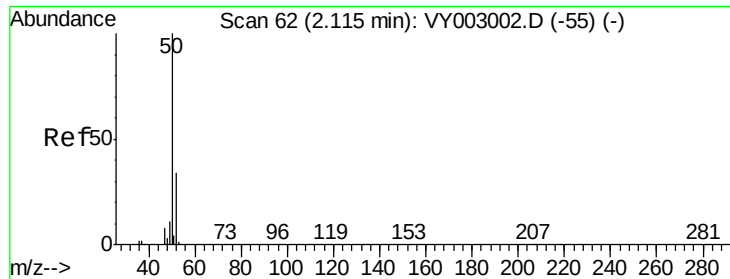
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 18.131 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 50 Resp: 89571

Ion Ratio Lower Upper

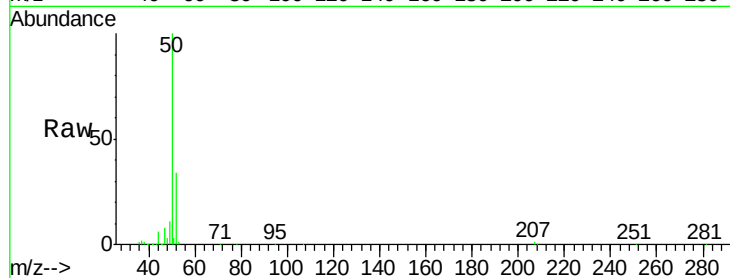
50 100

52 33.8 26.9 40.3

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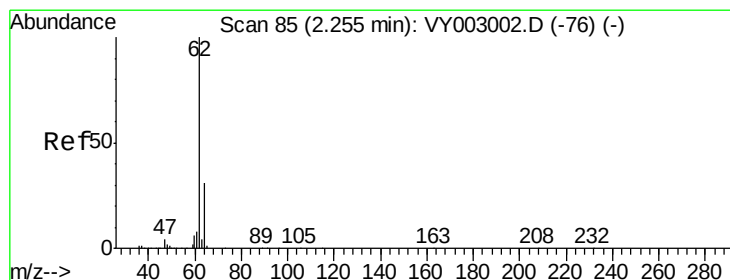
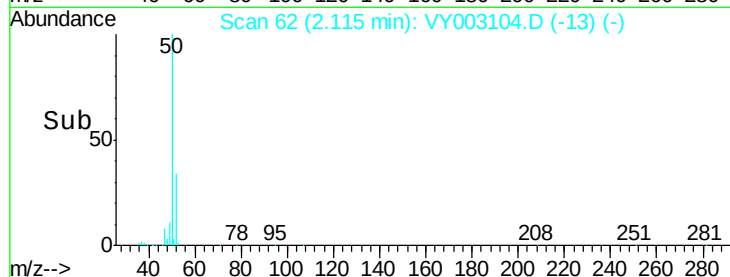
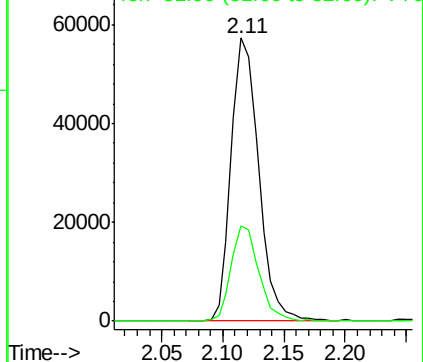
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.135 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003104.D

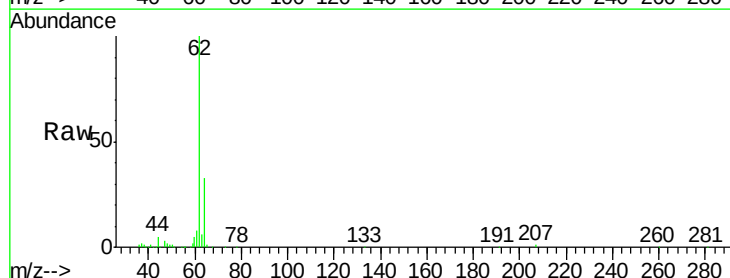
Acq: 06 Jul 2020 11:22

Tgt Ion: 62 Resp: 97032

Ion Ratio Lower Upper

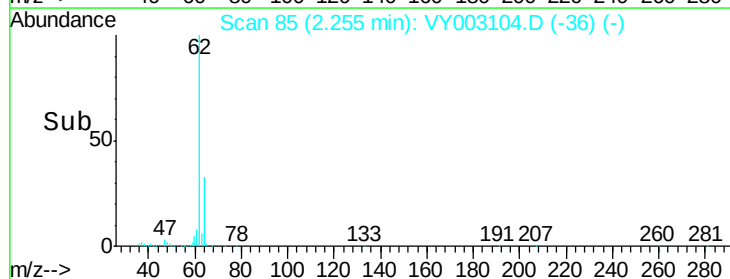
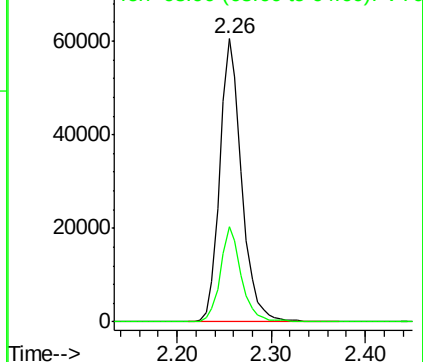
62 100

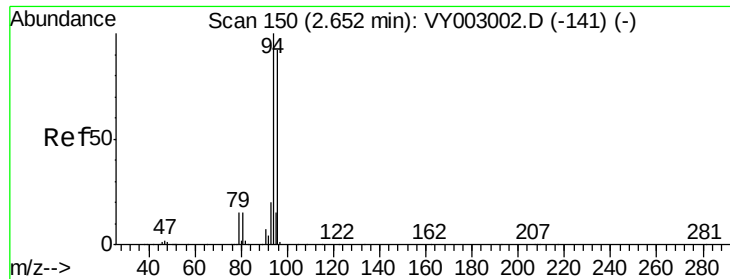
64 33.5 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.806 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 94 Resp: 74619

Ion Ratio Lower Upper

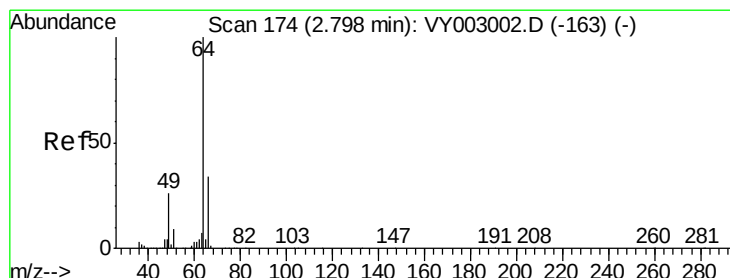
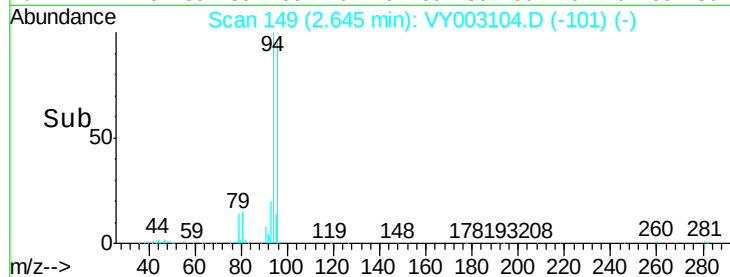
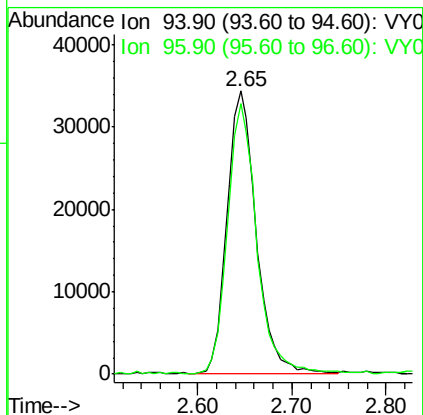
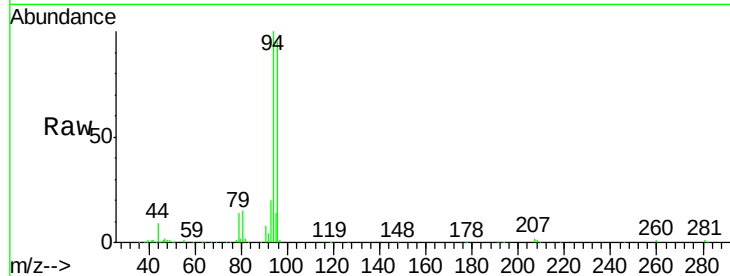
94 100

96 95.5 73.4 110.2

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7/7/2020 11:12:00 AM



#6

Chloroethane

Concen: 21.037 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003104.D

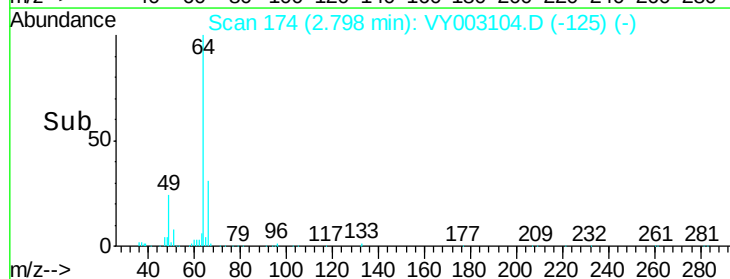
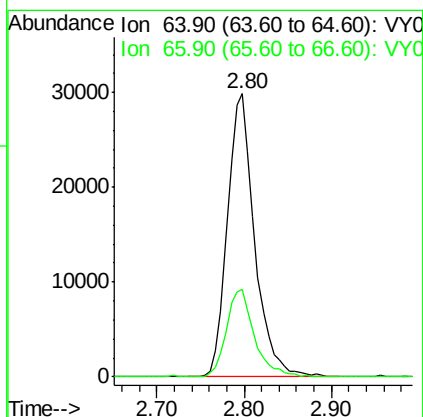
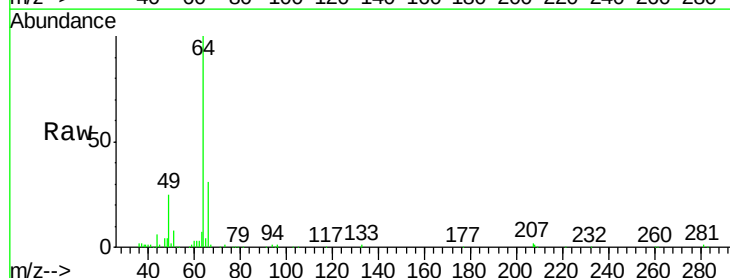
Acq: 06 Jul 2020 11:22

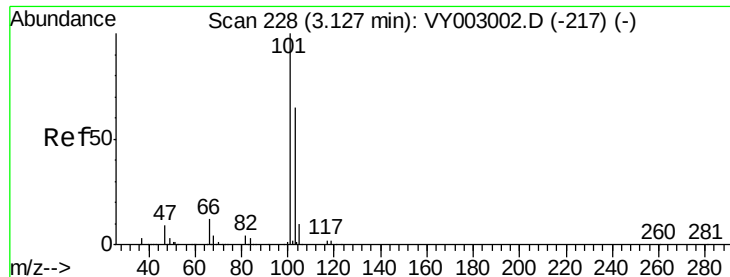
Tgt Ion: 64 Resp: 64491

Ion Ratio Lower Upper

64 100

66 31.1 27.0 40.4





#7

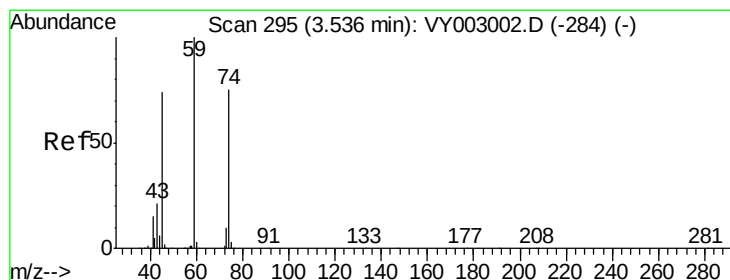
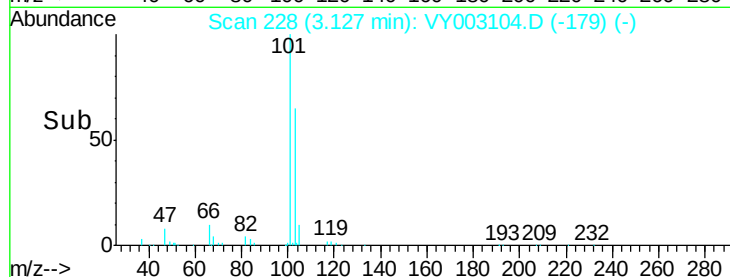
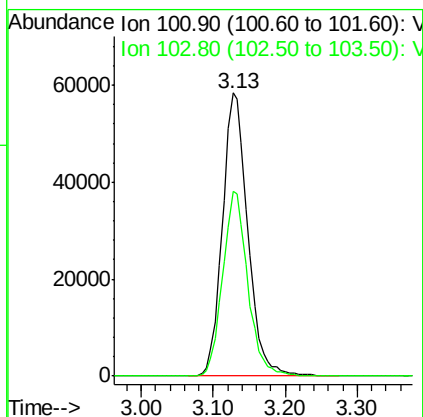
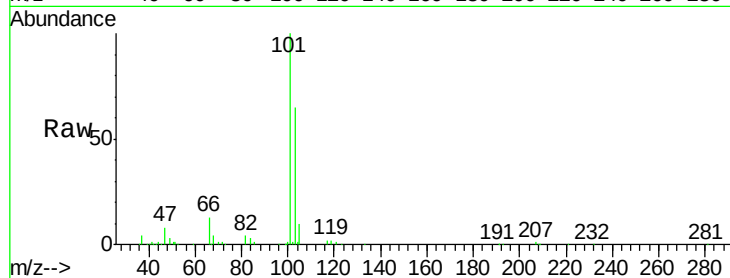
Trichlorofluoromethane
Concen: 21.017 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

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VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	142950		
103	65.3	51.6	77.4	

Manual Integrations
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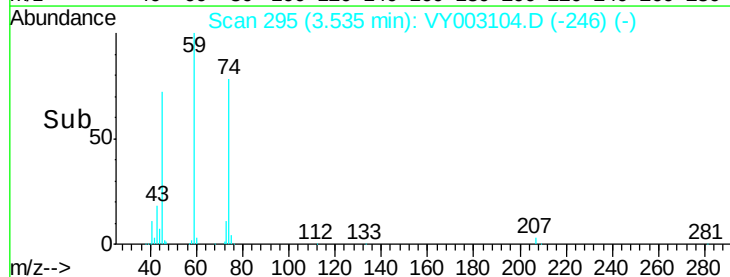
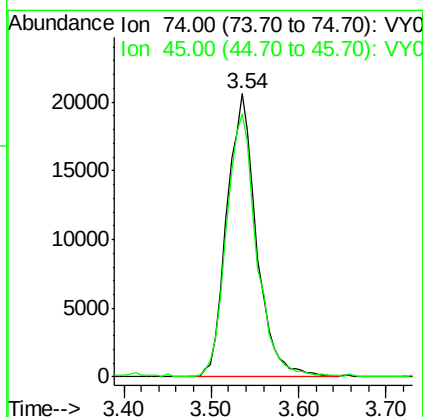
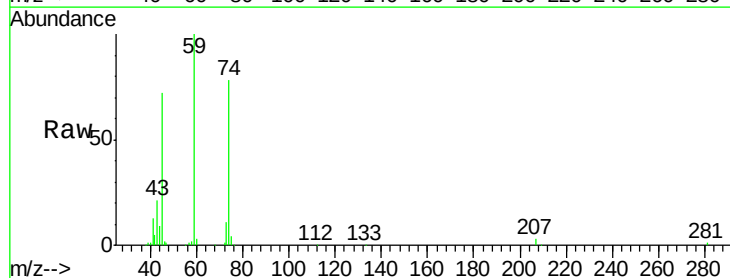
MMDadoda
7/7/2020 11:12:00 AM

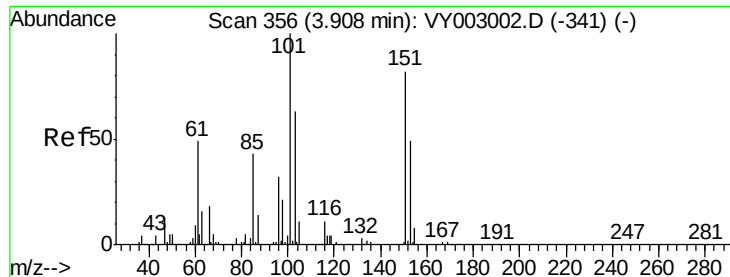


#8

Diethyl Ether
Concen: 20.879 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	48684		
45	94.7	49.3	147.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.390 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003104.D

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Instrument :

MSVOA_Y

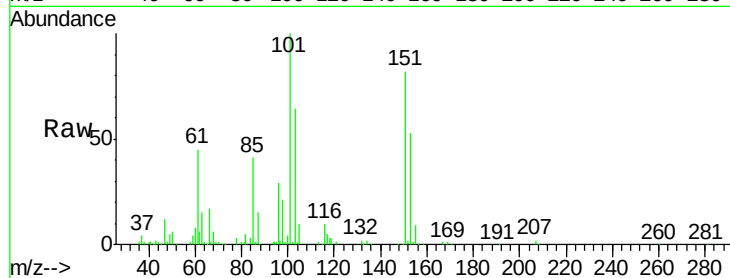
ClientSampleId :

VY0706SBS01

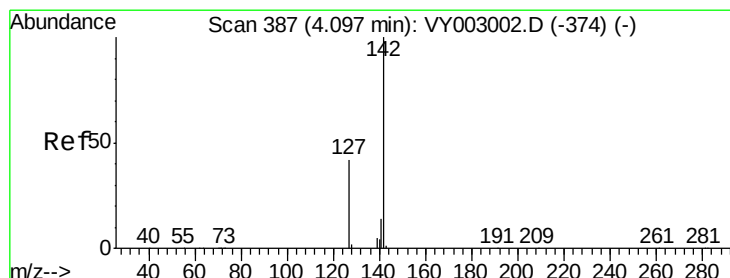
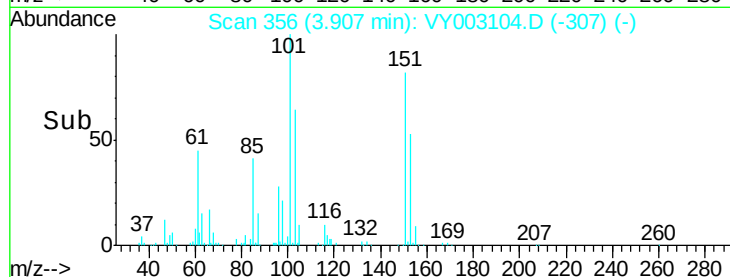
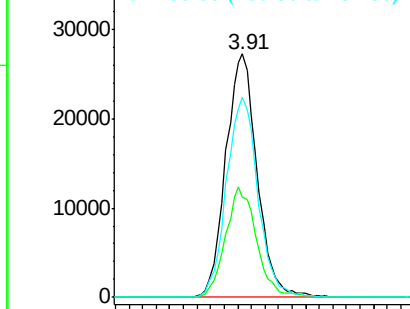
Tot Ion:	101	Resp:	86869
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.5	53.3
151	82.8	65.5	98.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.446 ug/l

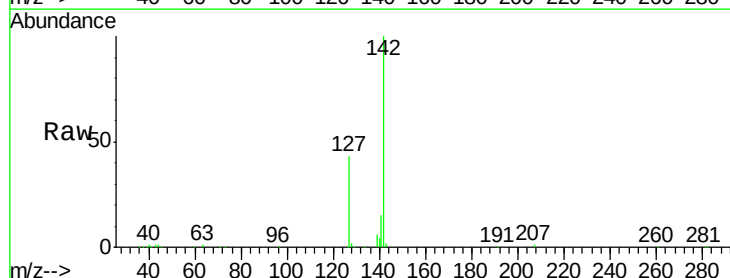
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

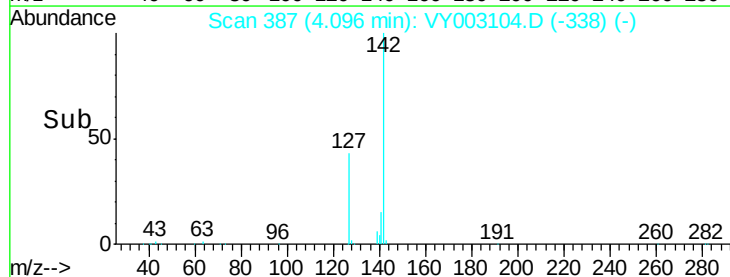
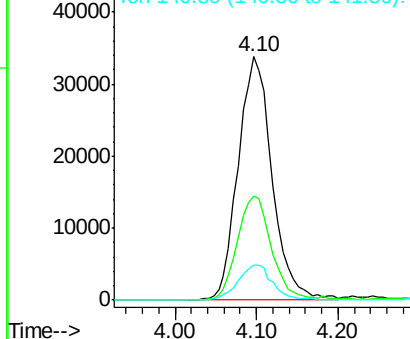
Lab File: VY003104.D

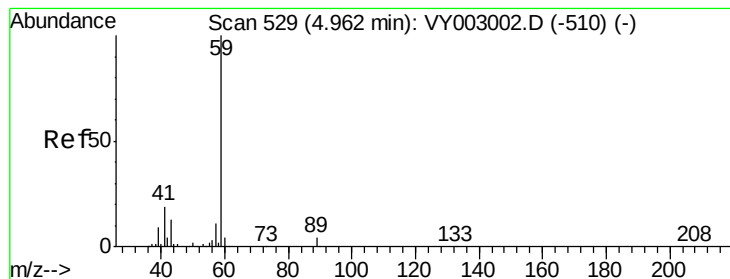
Acq: 06 Jul 2020 11:22

Tgt Ion:	142	Resp:	97930
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.2	51.2
141	14.5	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

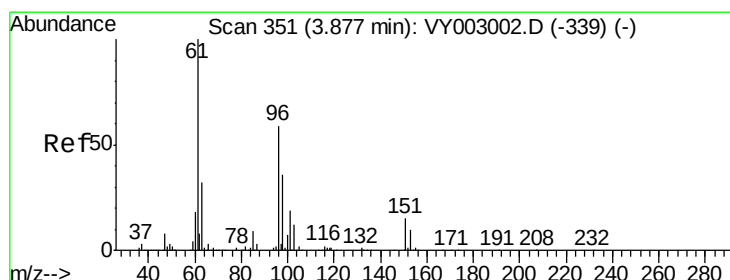
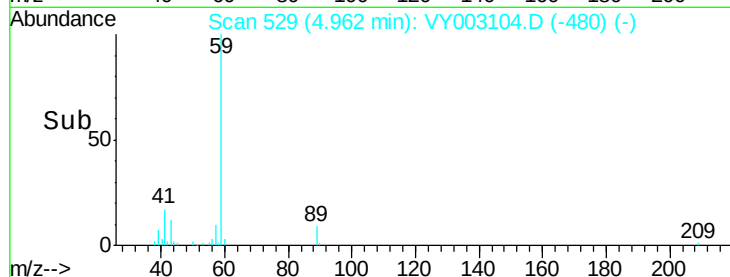
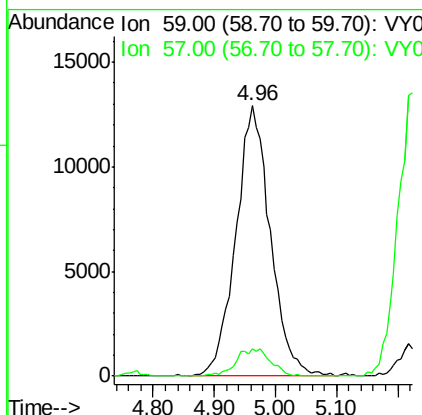
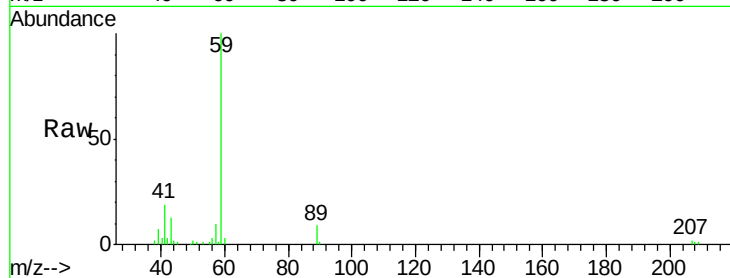
Tert butyl alcohol
Concen: 111.921 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	8.0	12.0#

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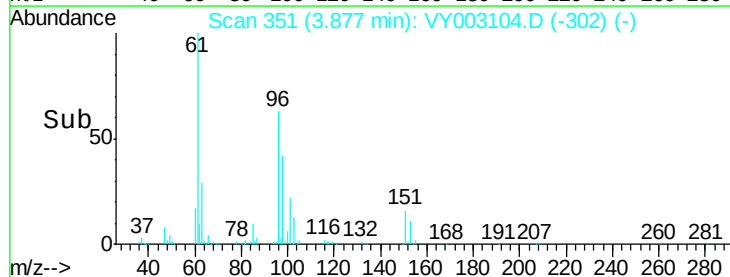
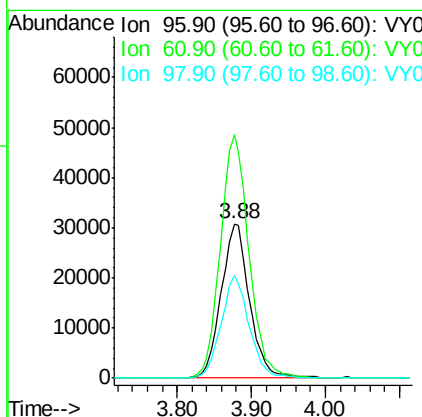
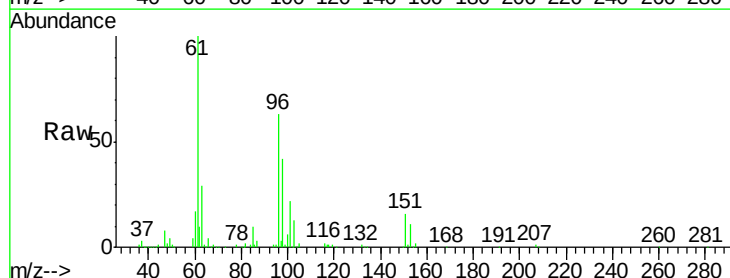
MMDadoda
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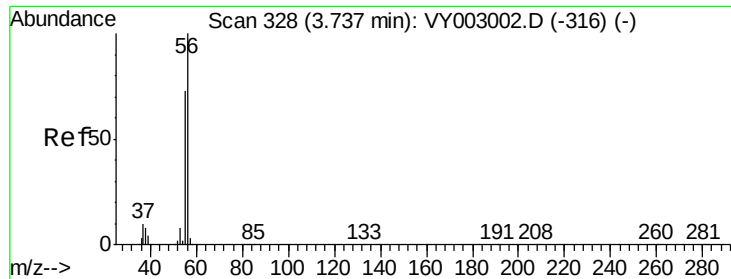


#12

1,1-Dichloroethene
Concen: 21.179 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.3	136.7	205.1
98	66.1	49.7	74.5





#13

Acrolein

Concen: 88.624 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 56 Resp: 35890

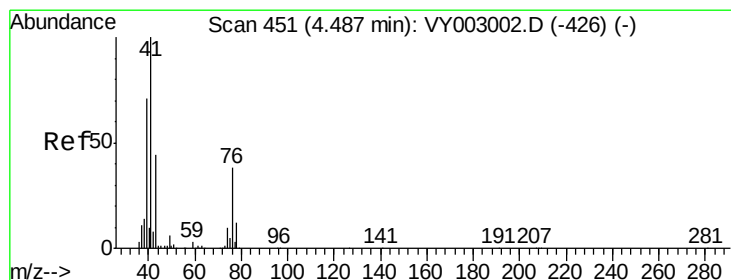
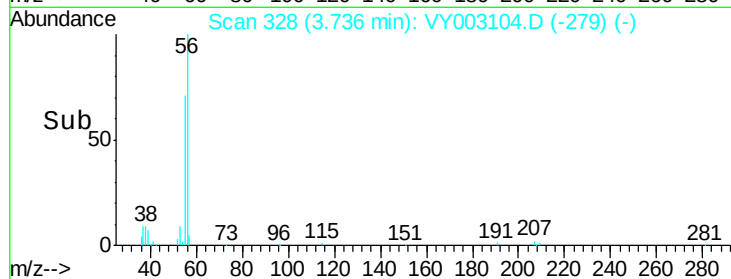
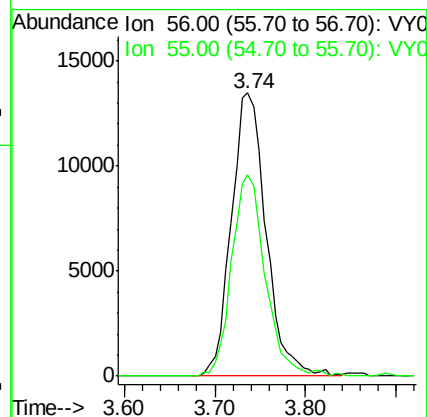
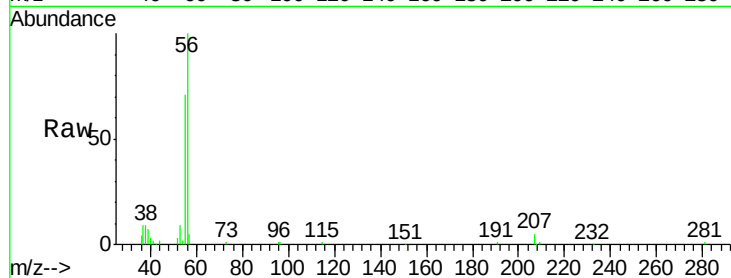
Ion Ratio Lower Upper

56 100

55 68.0 56.4 84.6

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#14

Allyl chloride

Concen: 19.146 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

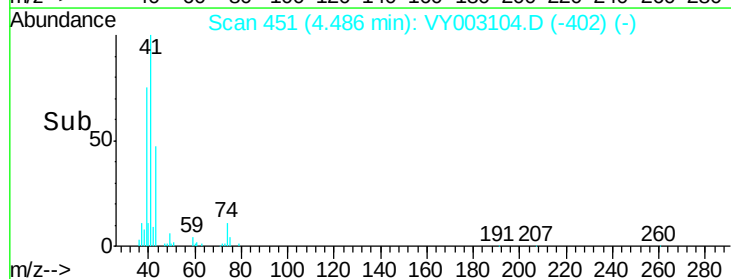
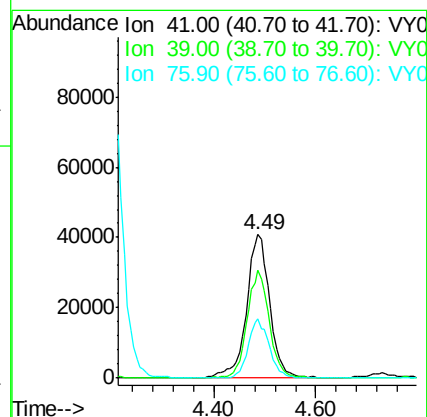
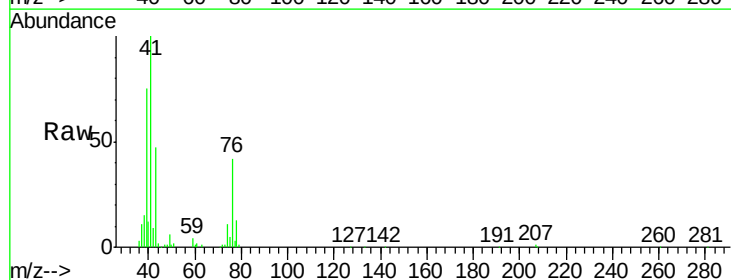
Tgt Ion: 41 Resp: 129168

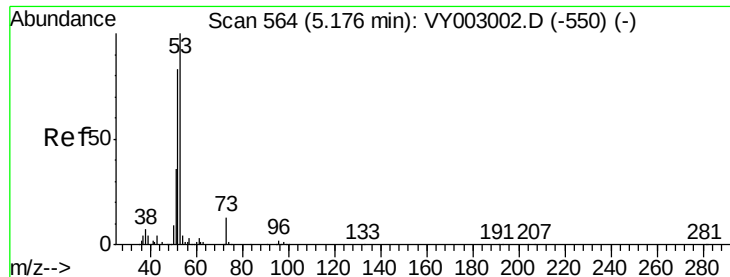
Ion Ratio Lower Upper

41 100

39 71.4 55.6 83.4

76 37.0 28.6 43.0





#15

Acrylonitrile

Concen: 104.656 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

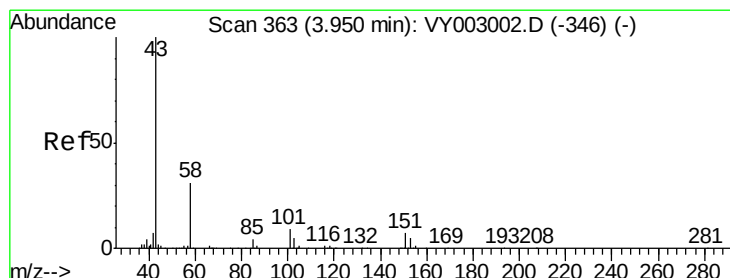
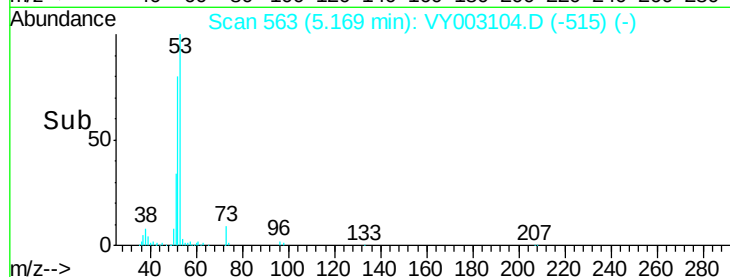
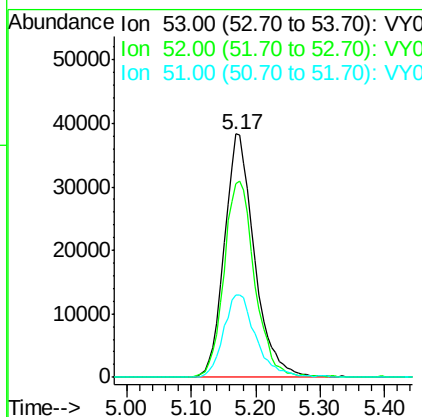
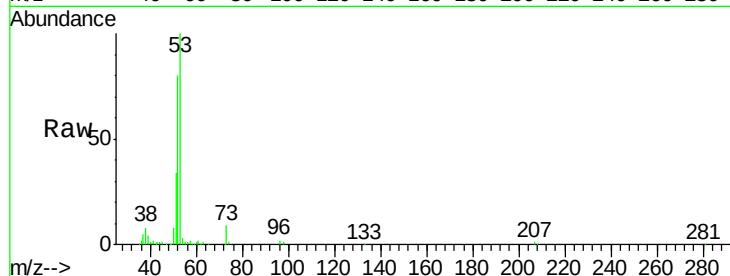
ClientSampleId :

VY0706SBS01

Tot Ion	53	Resp	125767
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.2
51	36.4	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 104.018 ug/l

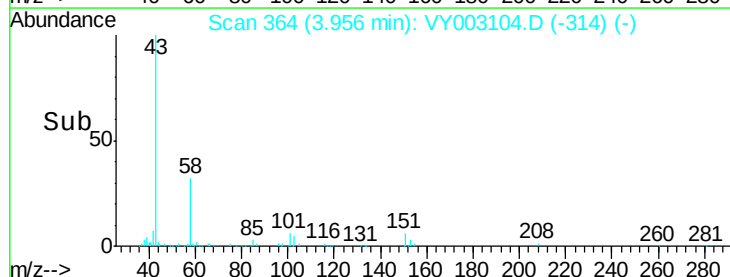
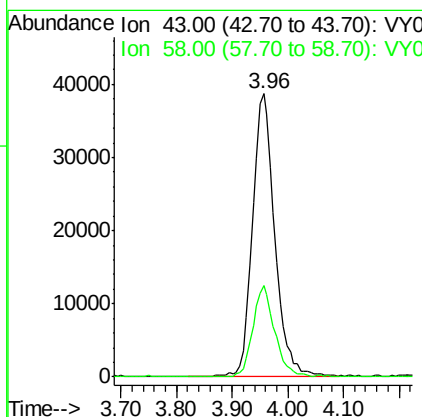
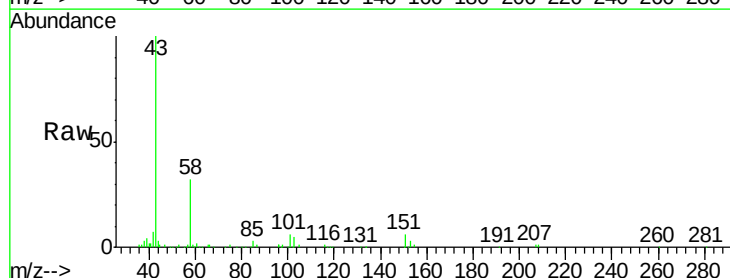
RT: 3.96 min Scan# 364

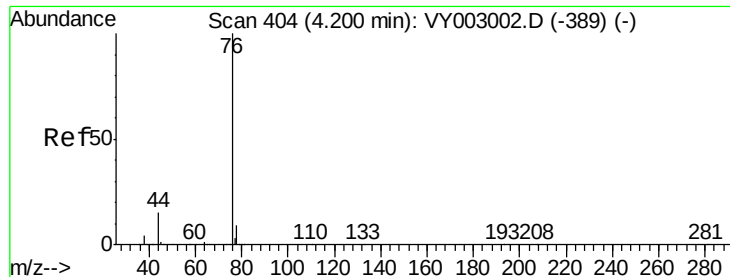
Delta R.T. 0.01 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Tgt Ion	43	Resp	108541
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.7	37.1





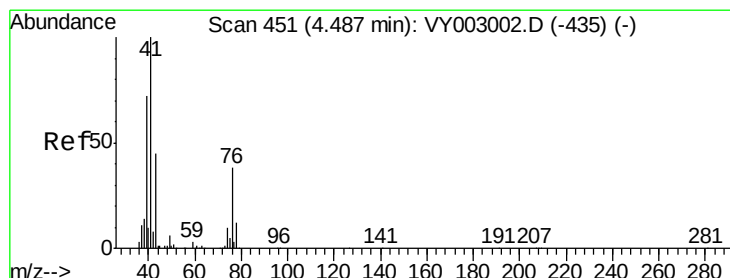
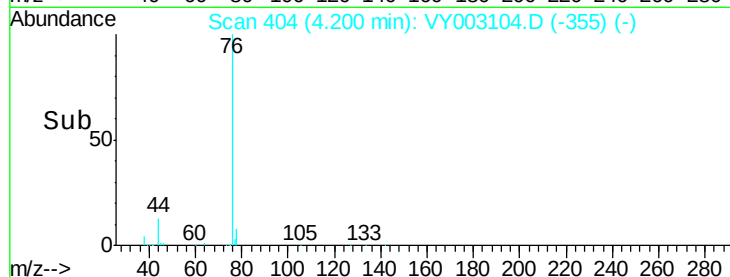
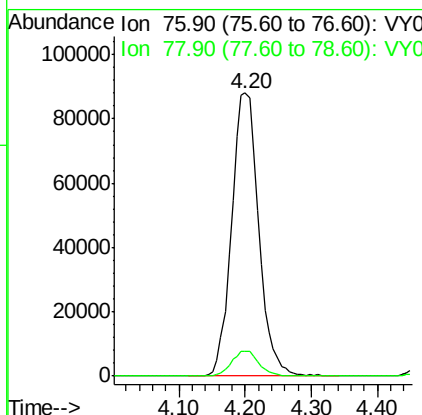
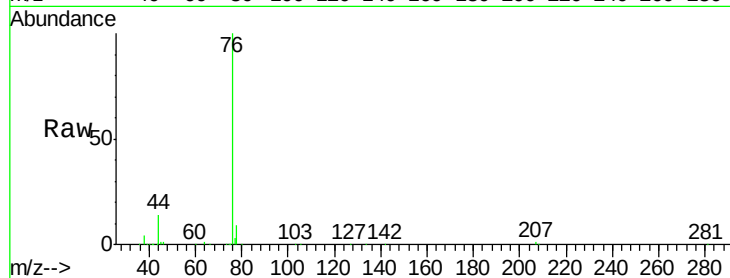
#17
Carbon Disulfide
Concen: 20.244 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

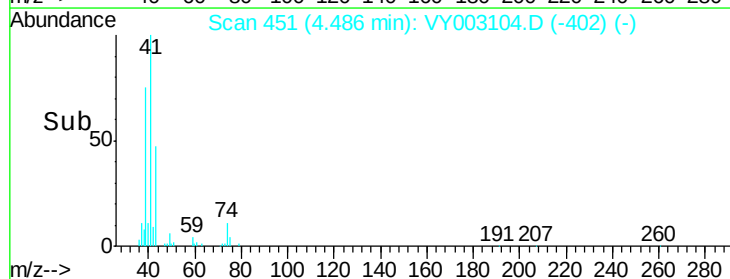
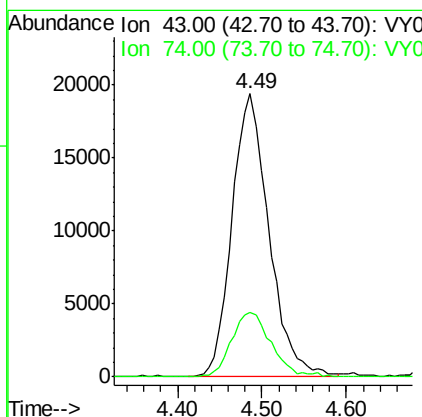
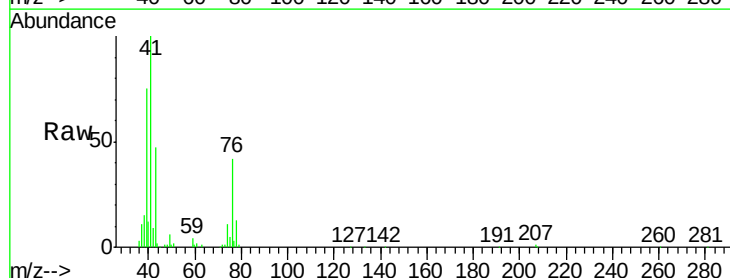
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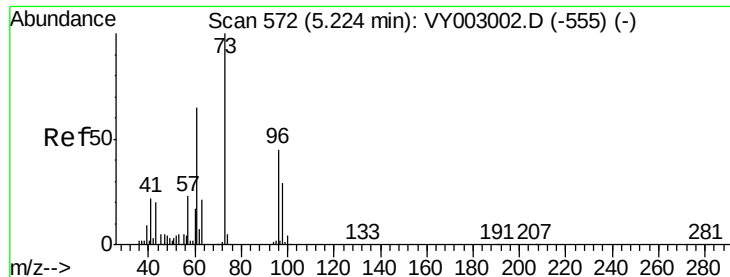
MMDadoda
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#18
Methyl Acetate
Concen: 20.540 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.2	27.4





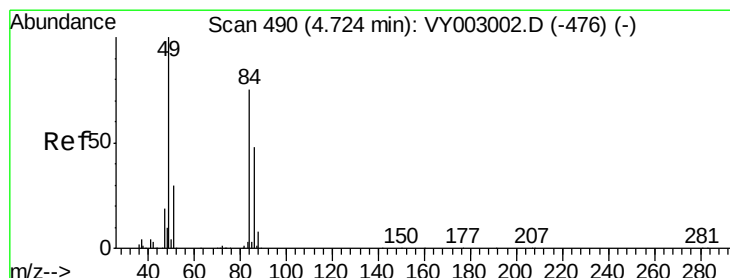
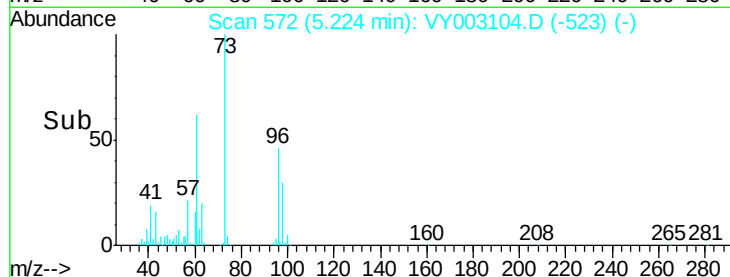
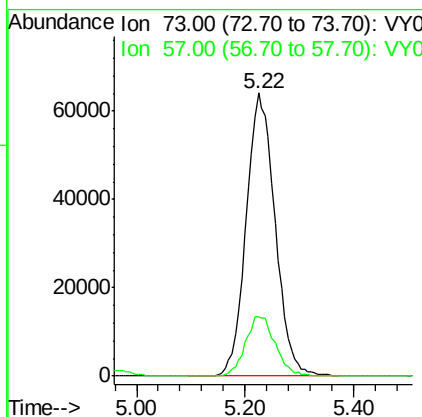
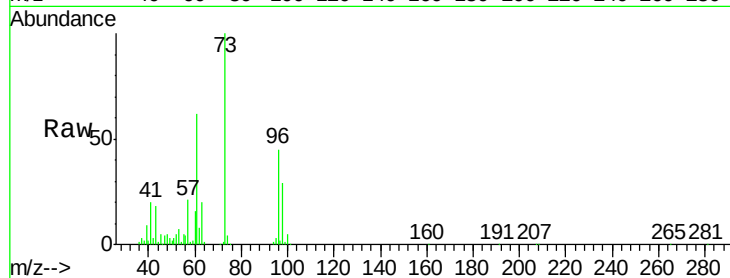
#19
Methyl tert-butyl Ether
Concen: 21.006 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.2	27.2

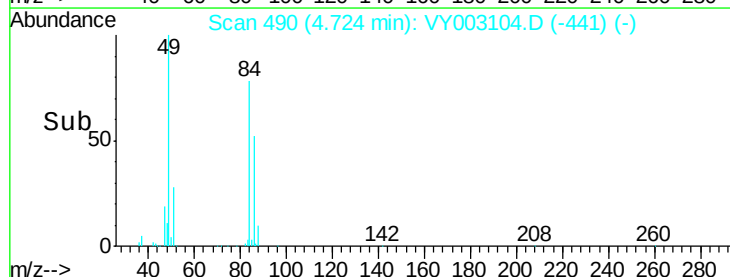
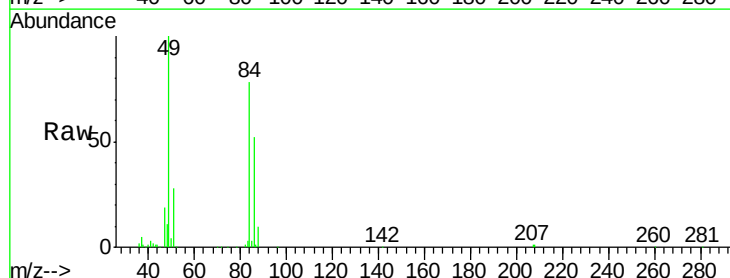
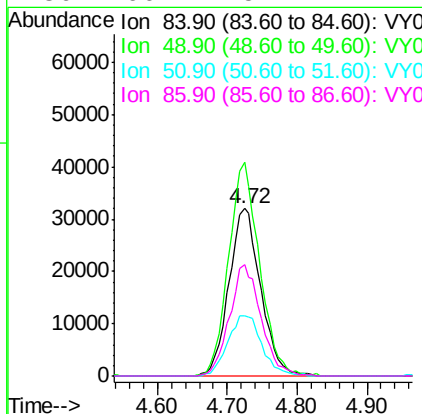
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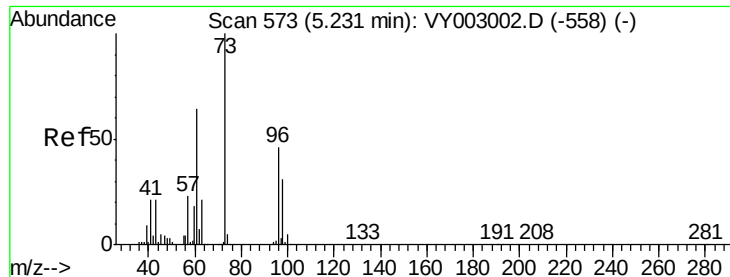
MMDadoda
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#20
Methylene Chloride
Concen: 17.138 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.5	106.8	160.2
51	35.6	32.0	48.0
86	66.1	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 20.862 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

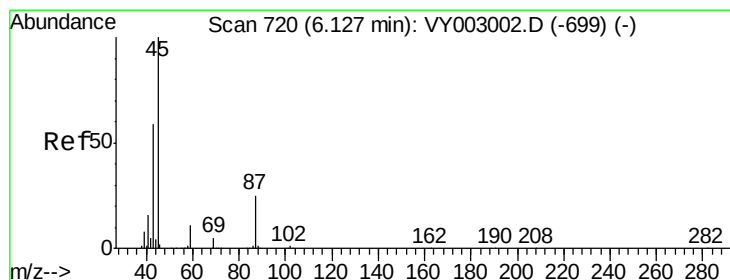
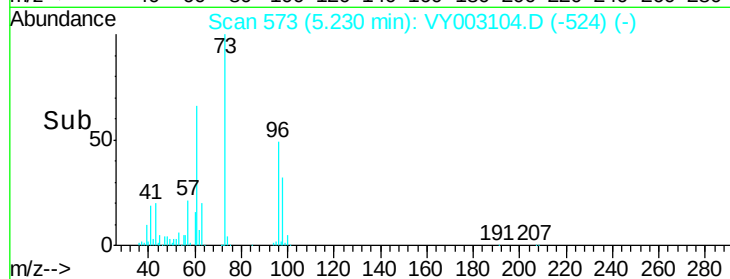
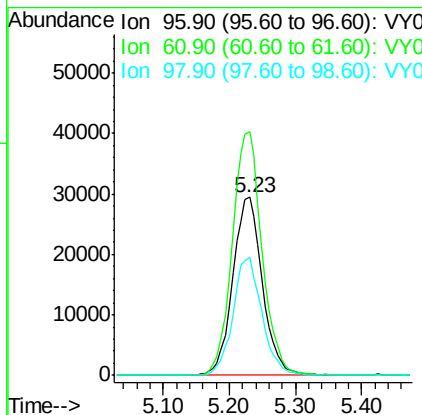
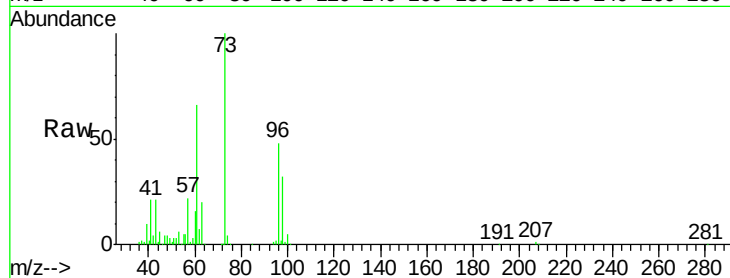
ClientSampleId :

VY0706SBS01

Tot Ion:	96	Resp:	91183
Ion	Ratio	Lower	Upper
96	100		
61	136.9	112.3	168.5
98	66.8	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.836 ug/l

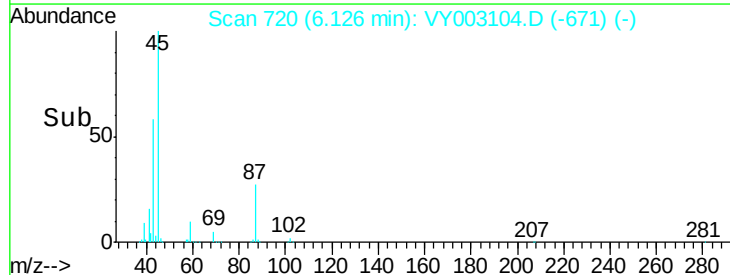
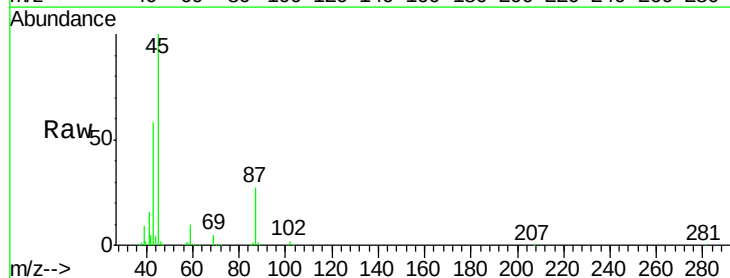
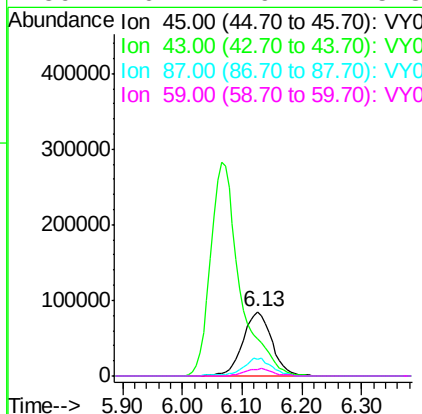
RT: 6.13 min Scan# 720

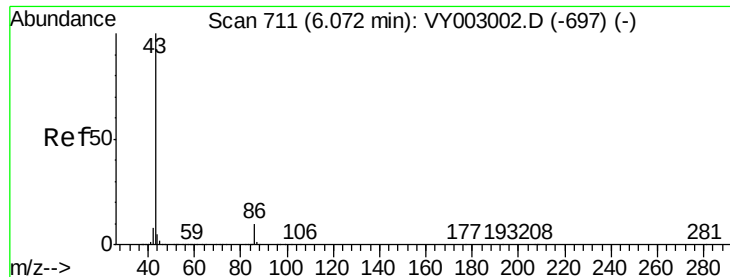
Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Tgt Ion:	45	Resp:	286833
Ion	Ratio	Lower	Upper
45	100		
43	57.1	47.4	71.2
87	27.0	20.2	30.2
59	10.4	9.2	13.8





#23

Vinyl Acetate

Concen: 99.110 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 43 Resp: 958146

Ion Ratio Lower Upper

43 100

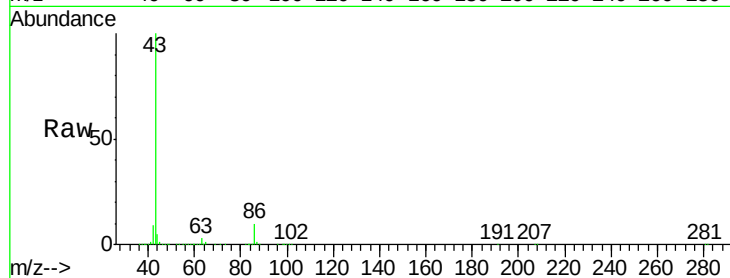
86 10.3 8.1 12.1

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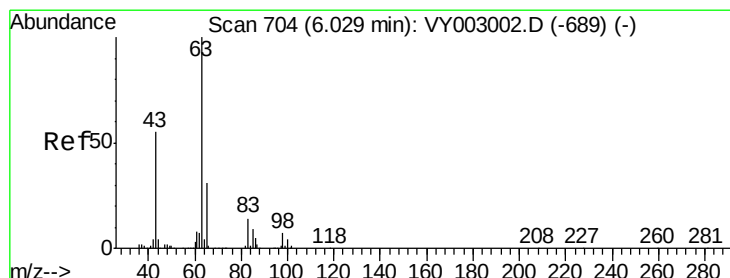
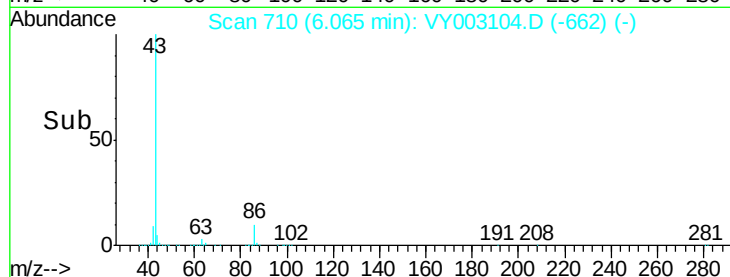
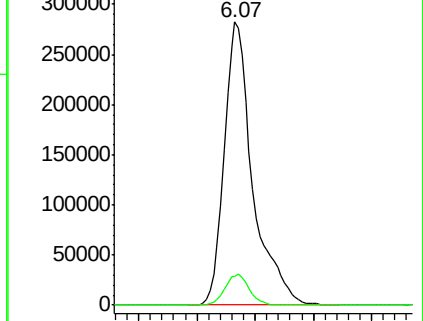
MMDadoda

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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: 20.427 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

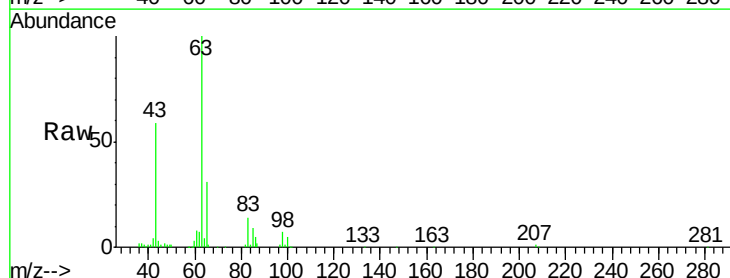
Tgt Ion: 63 Resp: 161352

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

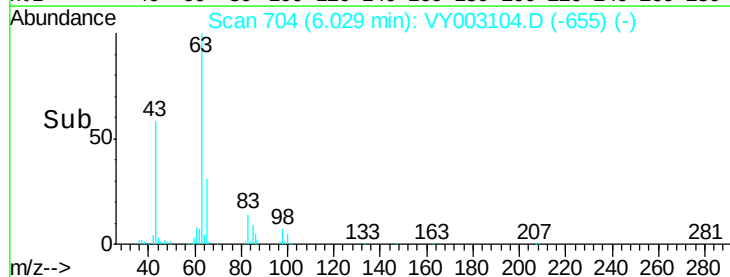
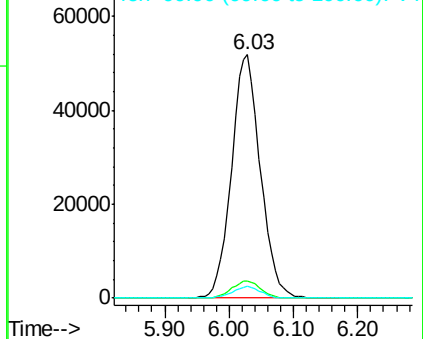
100 4.7 2.3 6.8

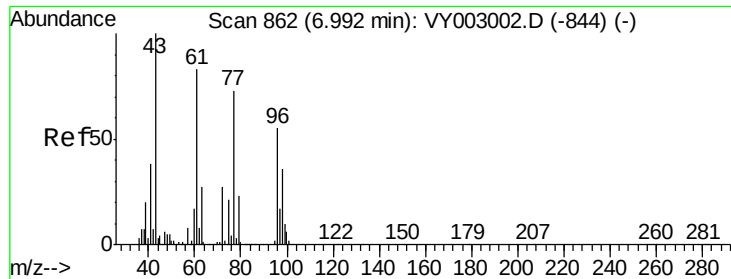


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 103.237 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 43 Resp: 171123

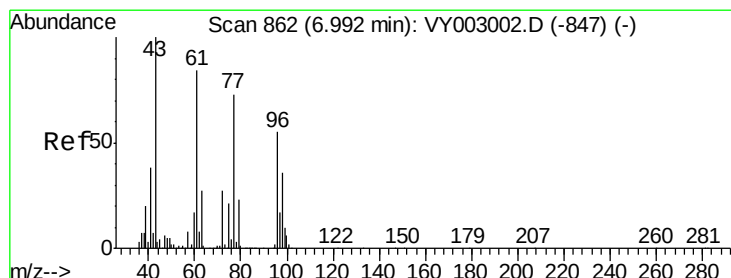
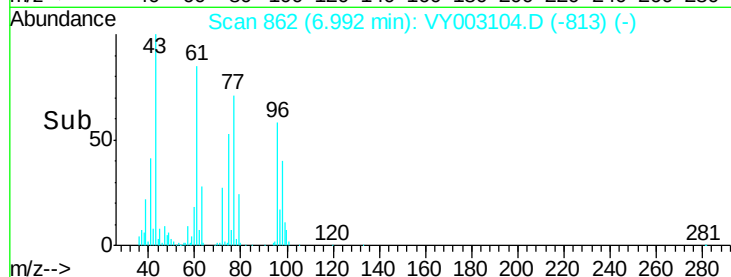
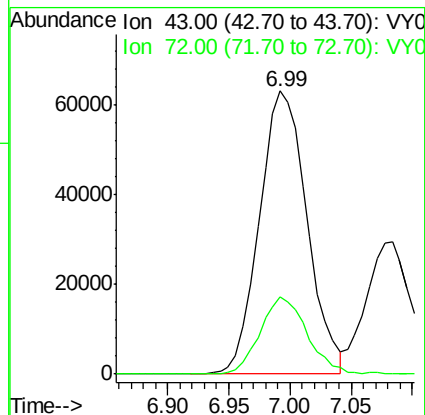
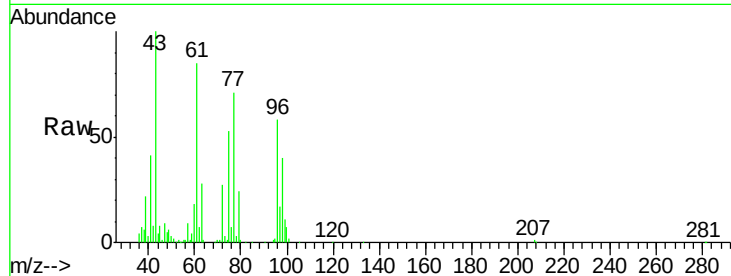
Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.784 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003104.D

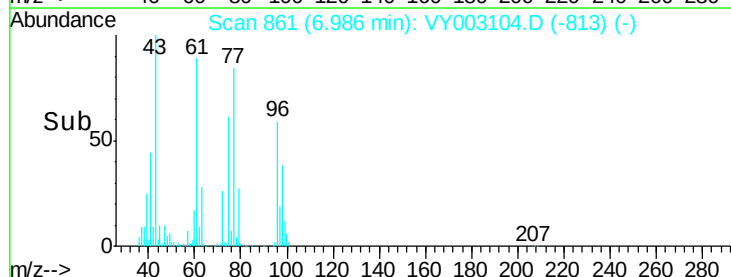
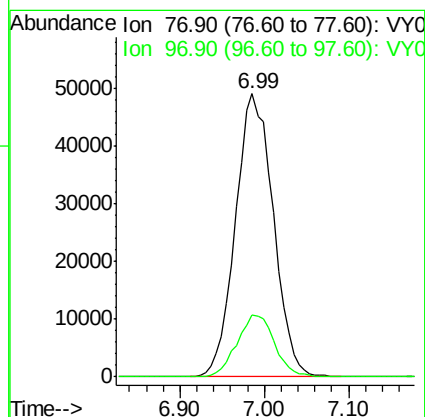
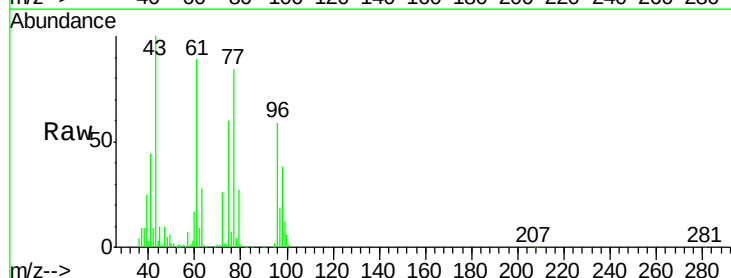
Acq: 06 Jul 2020 11:22

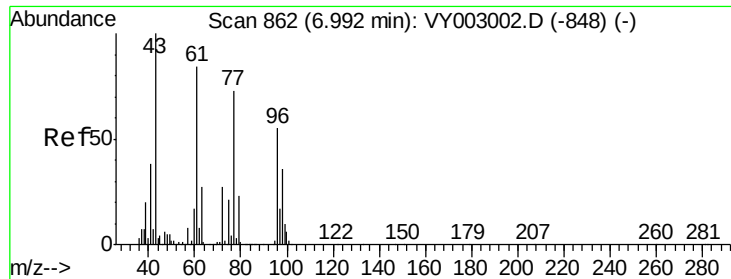
Tgt Ion: 77 Resp: 149155

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.9





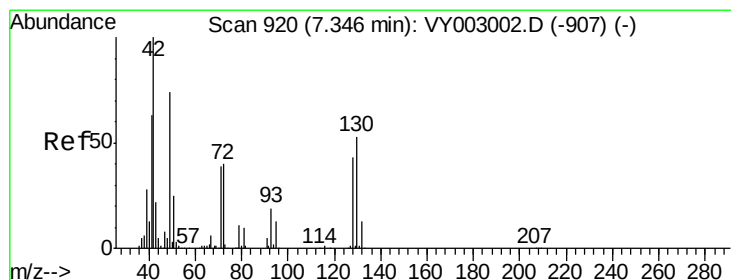
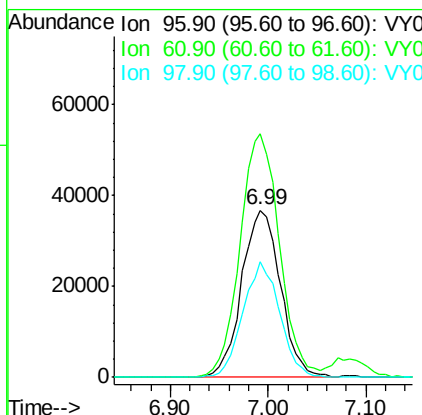
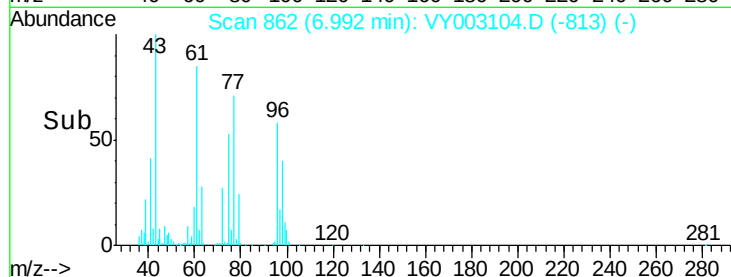
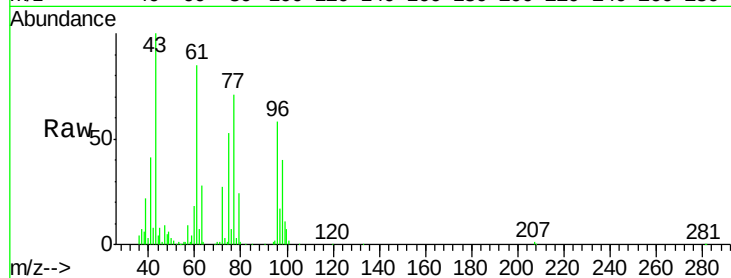
#27
 cis-1,2-Dichloroethene
 Concen: 20.727 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.4	0.0	301.2	
98	65.8	0.0	129.0	

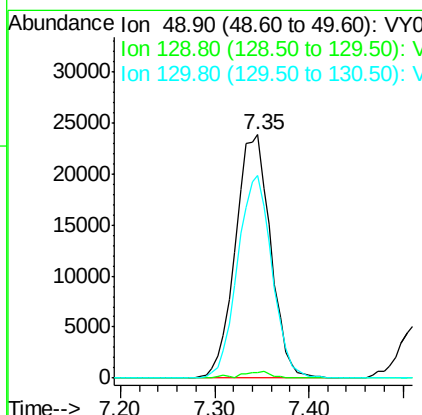
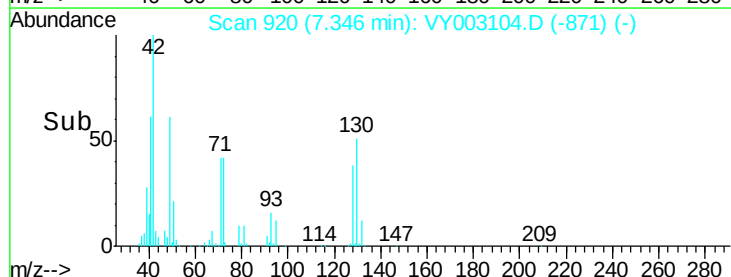
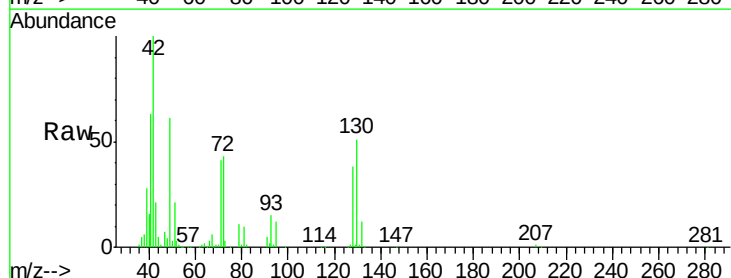
Manual Integrations
 APPROVED

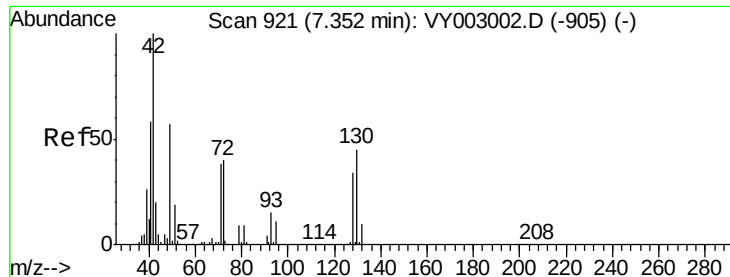
MMDadoda
 7/7/2020 11:12:00 AM



#28
 Bromochloromethane
 Concen: 17.748 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.4	
130	81.4	57.0	85.6	





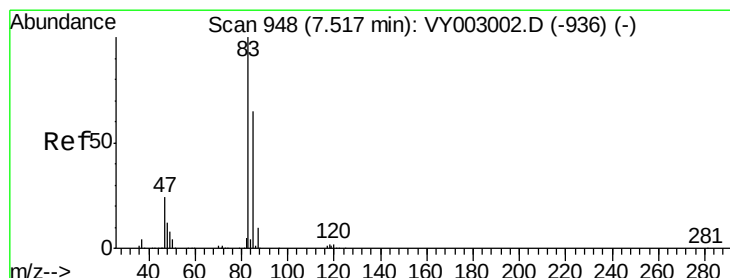
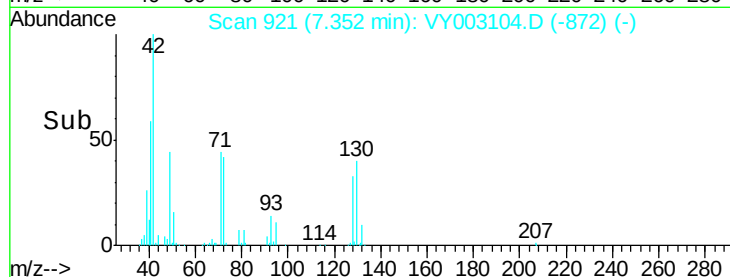
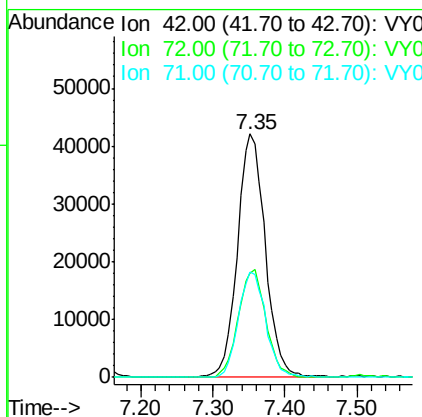
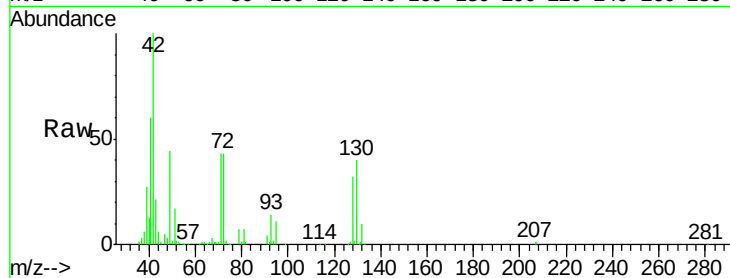
#29
Tetrahydrofuran
Concen: 102.647 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	32.9	49.3
71	42.4	31.2	46.8

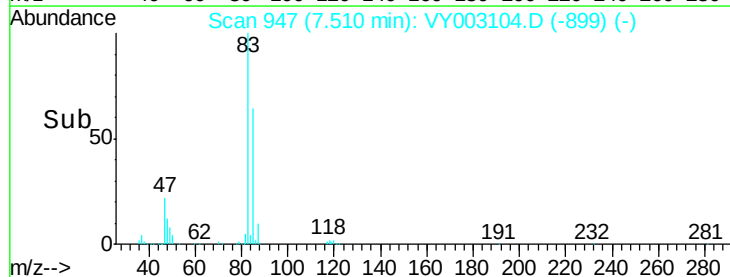
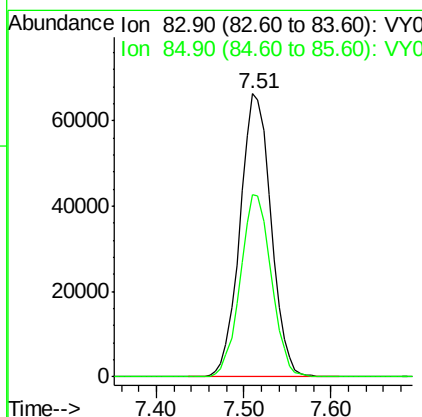
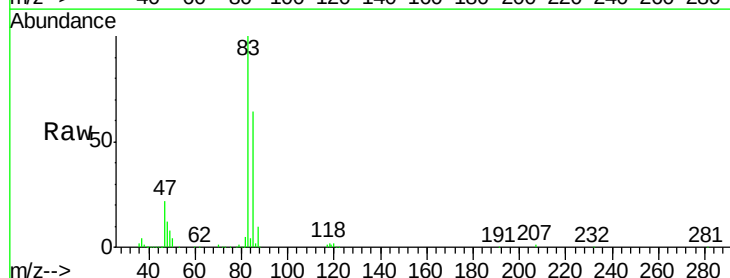
Manual Integrations
APPROVED

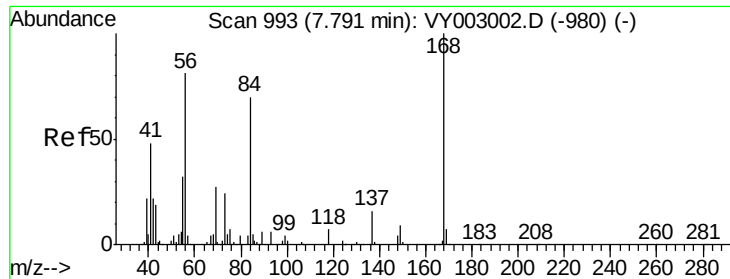
MMDadoda
7/7/2020 11:12:00 AM



#30
Chloroform
Concen: 20.930 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.7	77.5





#31

Cyclohexane

Concen: 20.052 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

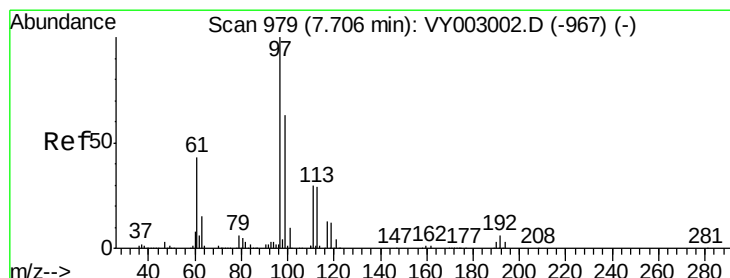
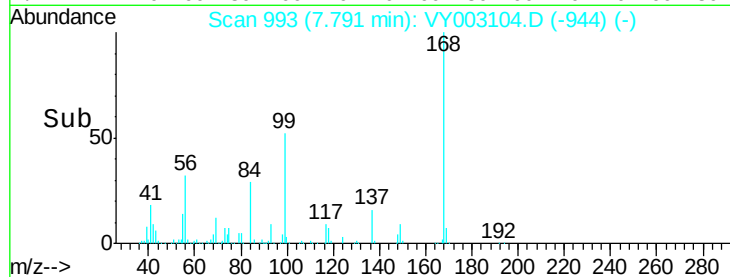
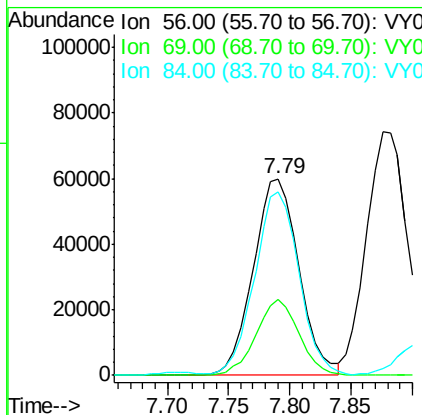
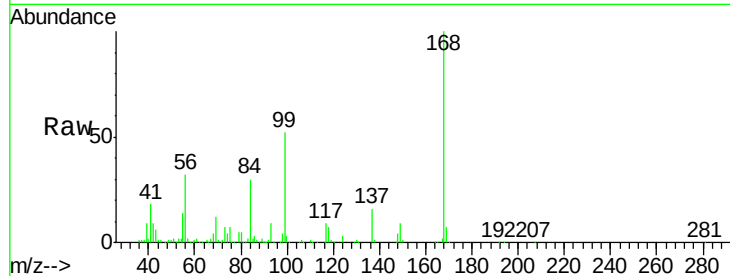
ClientSampleId :

VY0706SBS01

Tot Ion:	56	Resp:	156034
Ion	Ratio	Lower	Upper
56	100		
69	38.5	27.0	40.4
84	91.8	68.1	102.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.977 ug/l

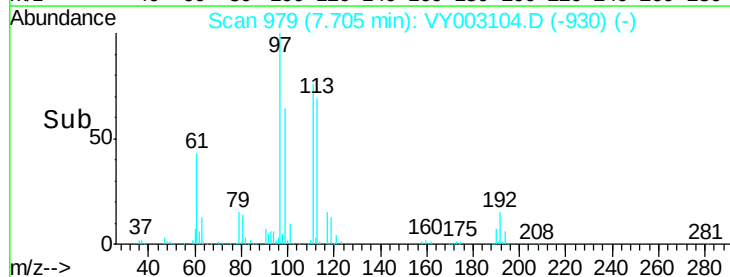
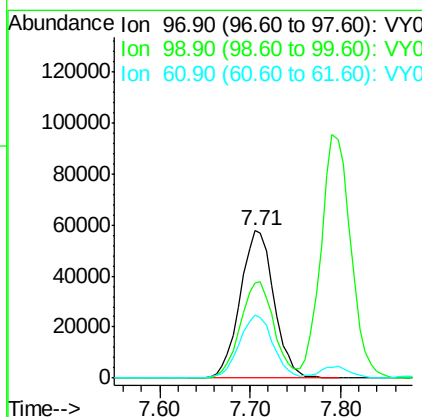
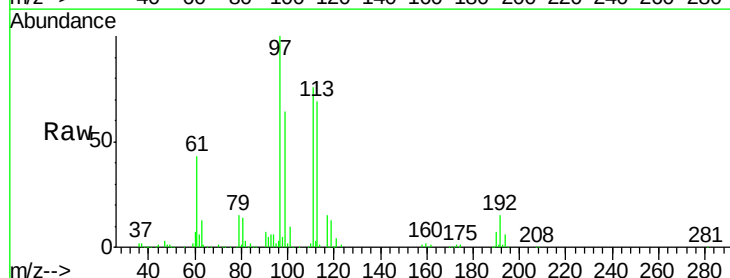
RT: 7.71 min Scan# 979

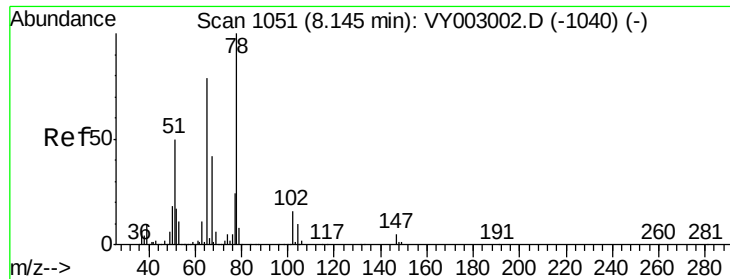
Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Tgt Ion:	97	Resp:	149837
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.2
61	42.5	33.9	50.9





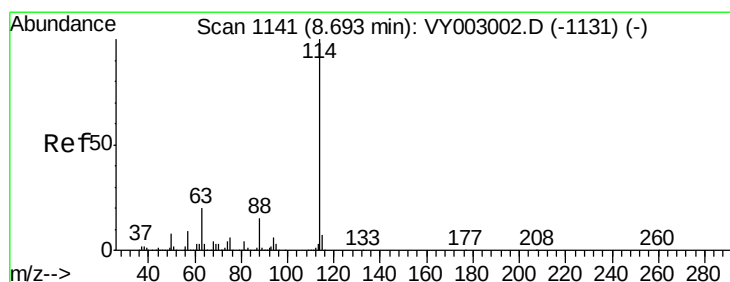
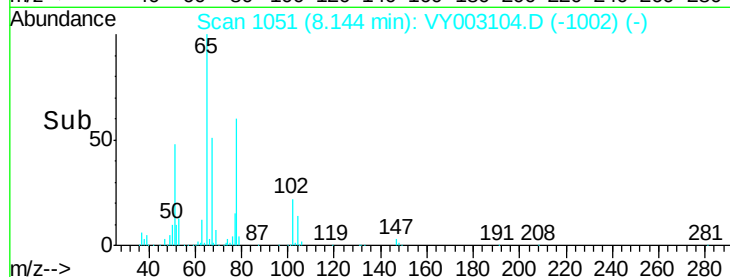
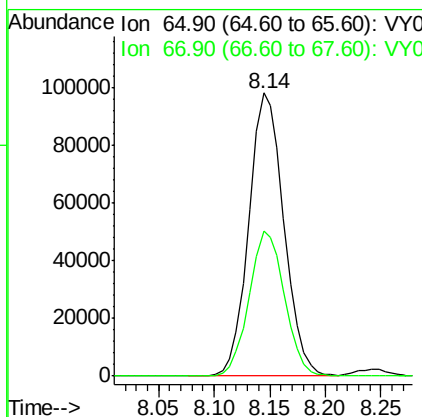
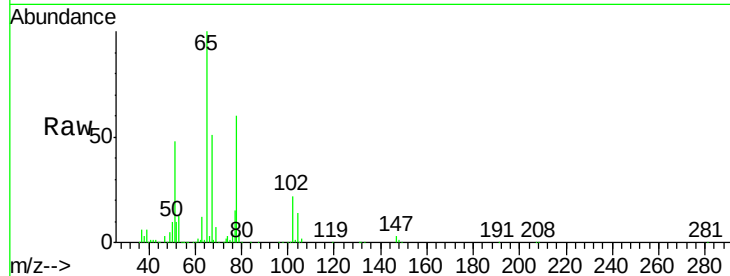
#33
 1,2-Dichloroethane-d4
 Concen: 48.697 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.6

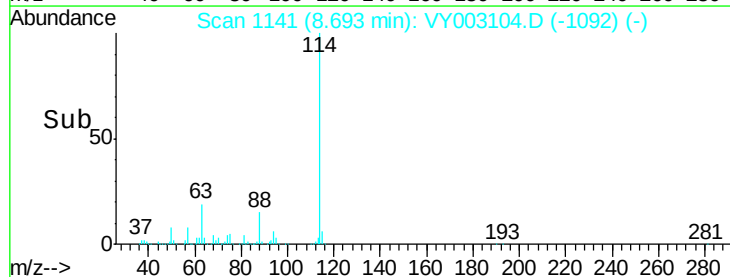
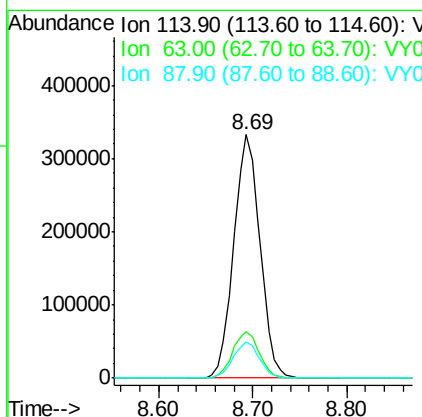
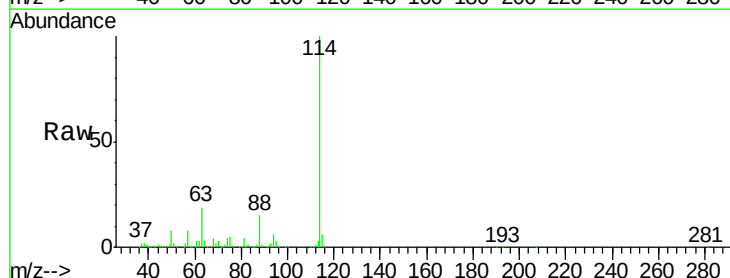
Manual Integrations
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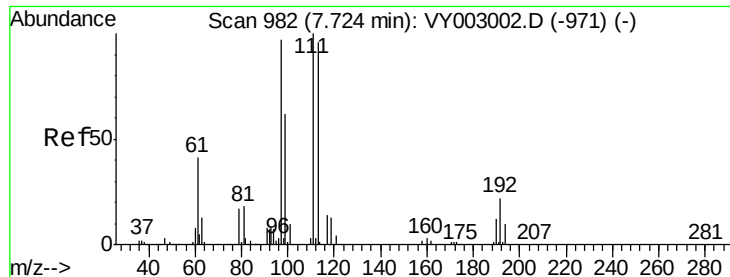
MMDadoda
 7/7/2020 11:12:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.6
88	14.8	0.0	30.0





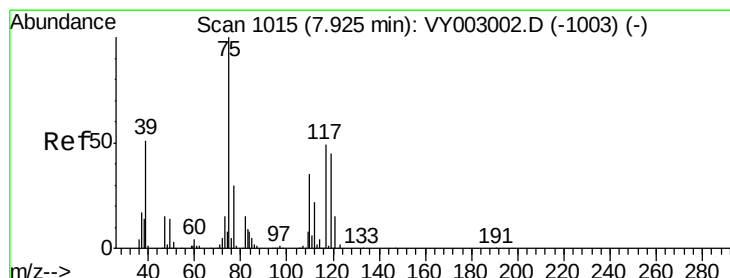
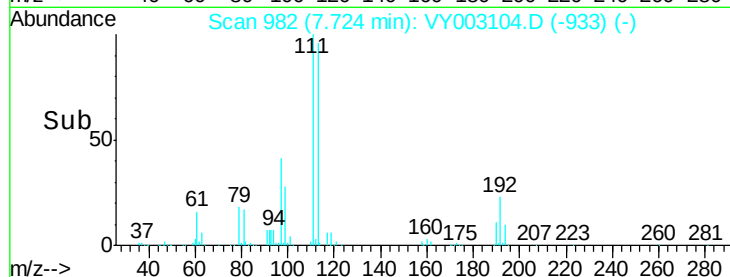
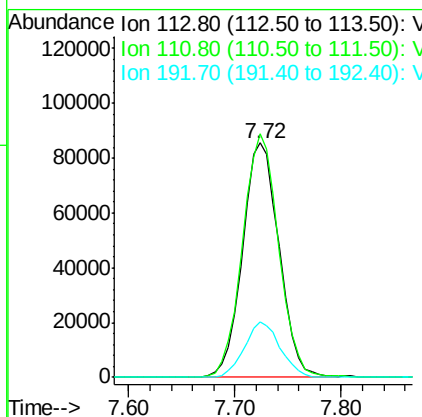
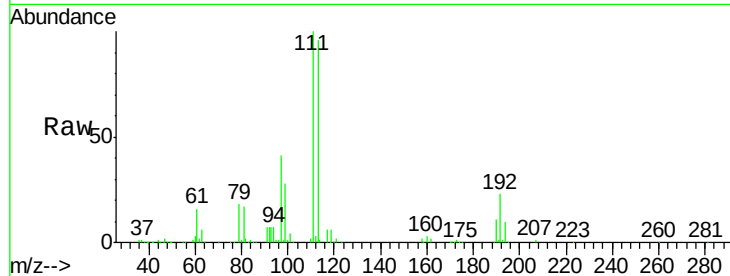
#35
 Dibromofluoromethane
 Concen: 51.341 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	206173		
111	102.9		82.6	123.8
192	23.2		18.1	27.1

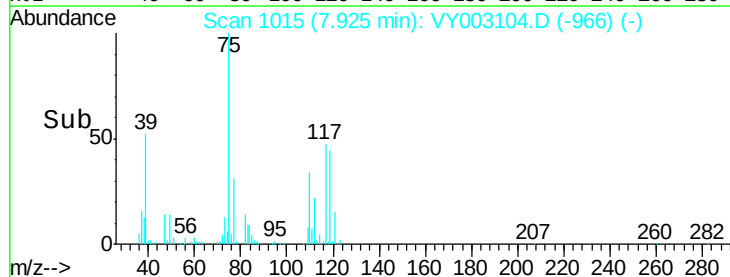
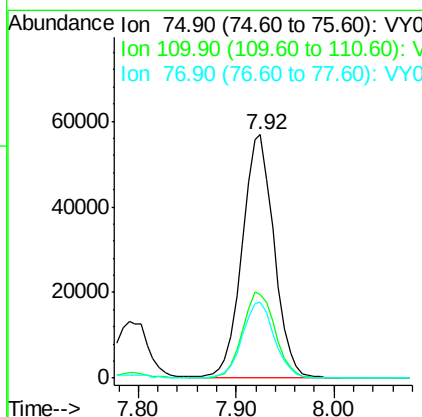
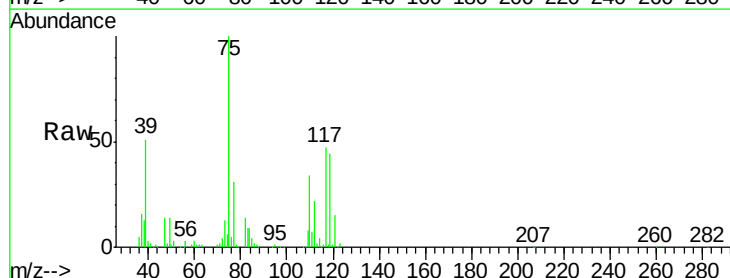
Manual Integrations
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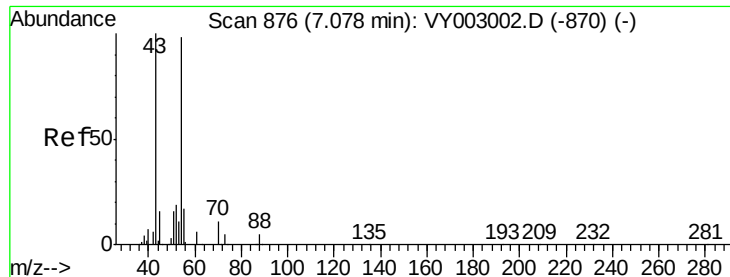
MMDadoda
 7/7/2020 11:12:00 AM



#36
 1,1-Dichloropropene
 Concen: 20.817 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	129079		
110	36.0		17.1	51.2
77	31.4		24.9	37.3





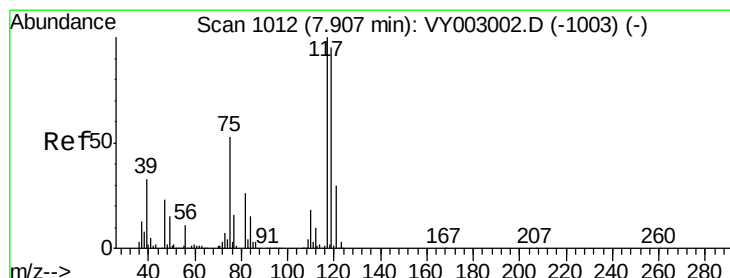
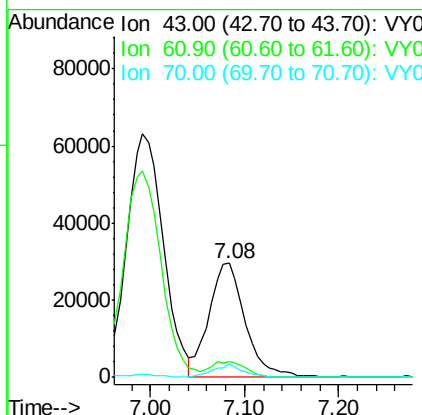
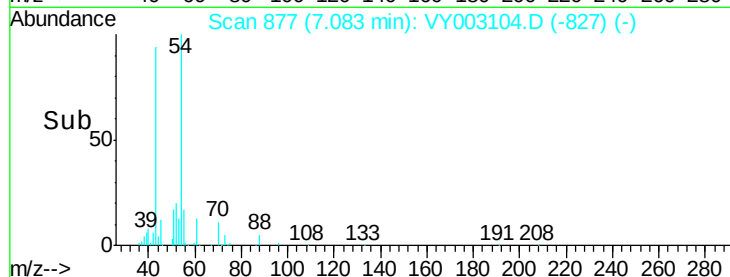
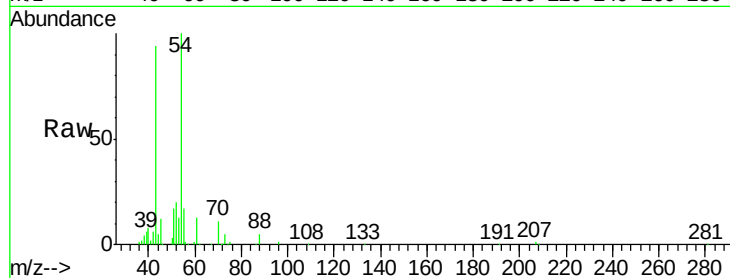
#37
Ethyl Acetate
Concen: 21.135 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	9.9	7.7	11.5

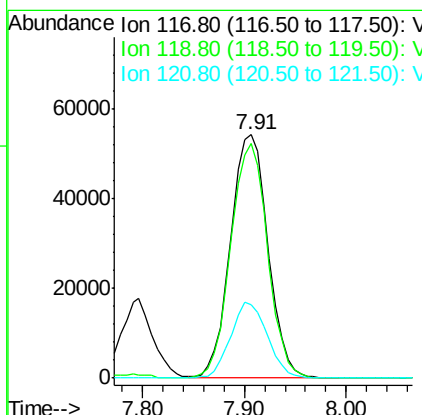
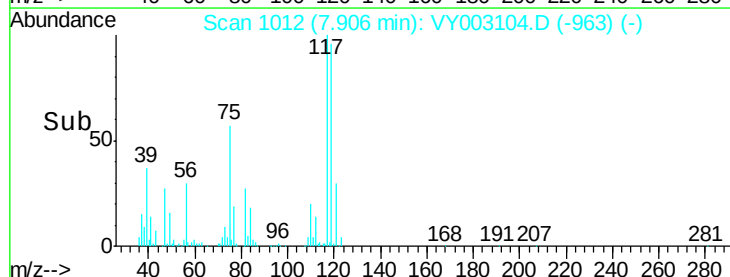
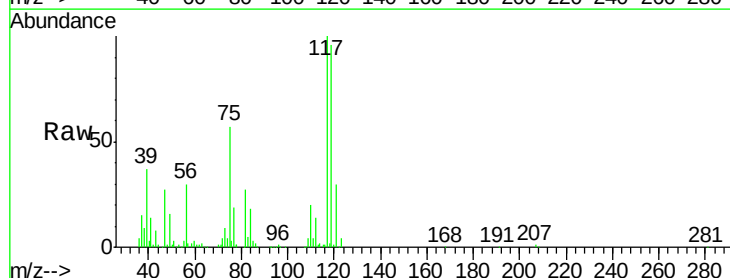
Manual Integrations
APPROVED

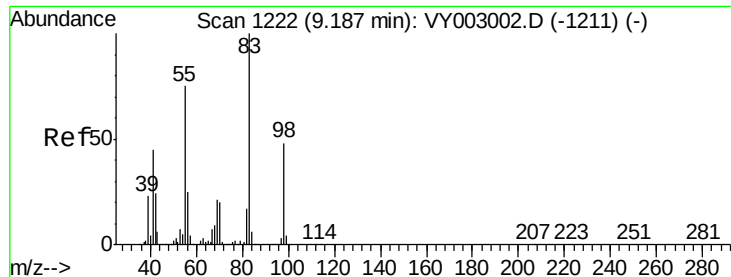
MMDadoda
7/7/2020 11:12:00 AM



#38
Carbon Tetrachloride
Concen: 21.406 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.7	113.5
121	30.2	23.9	35.9





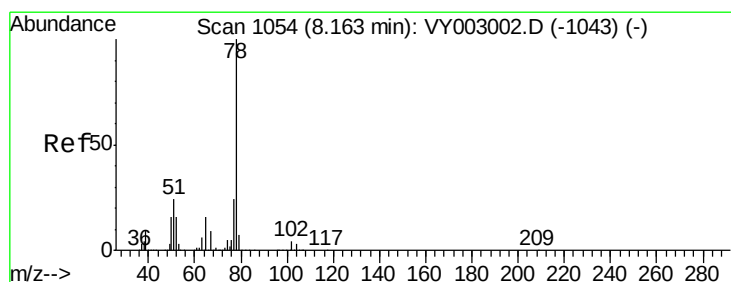
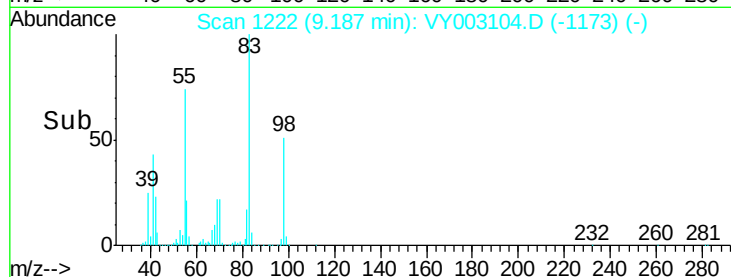
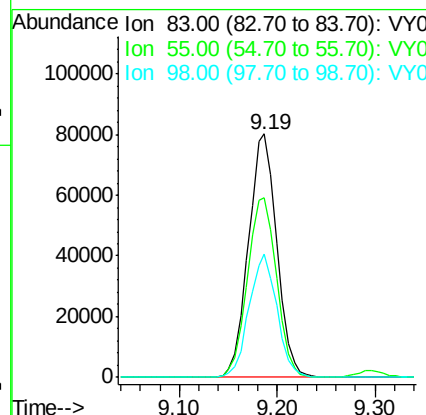
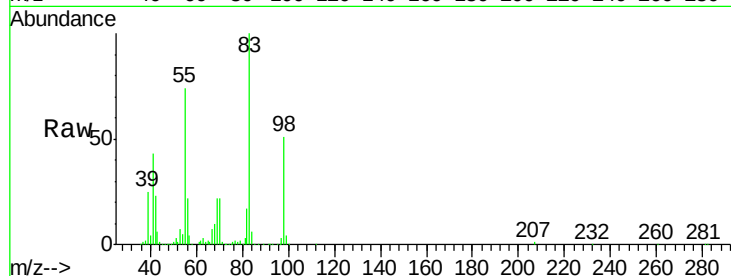
#39
Methylvlcyclohexane
Concen: 20.968 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	161200		
55	73.9		59.9	89.9
98	50.5		38.7	58.1

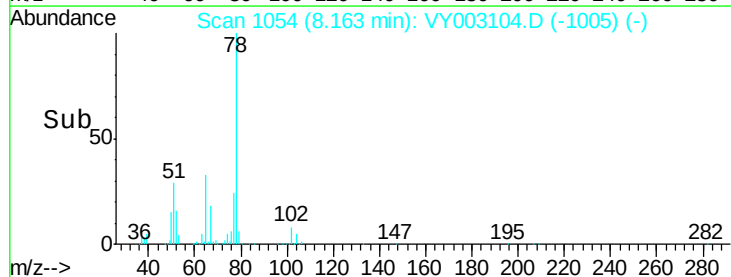
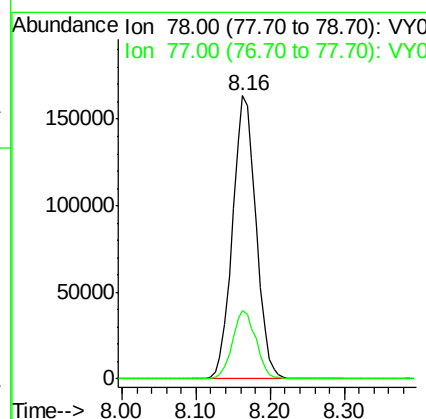
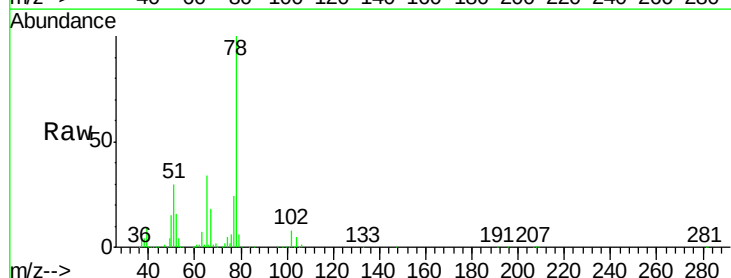
Manual Integrations
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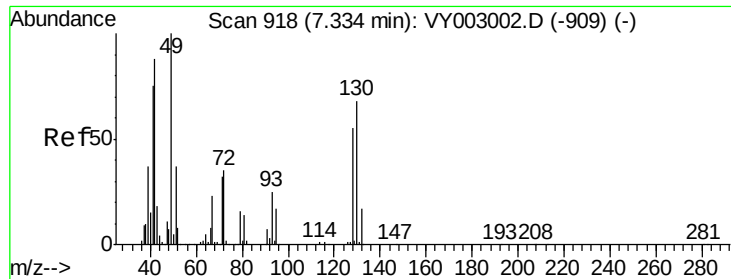
MMDadoda
7/7/2020 11:12:00 AM



#40
Benzene
Concen: 21.224 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	360306		
77	24.1		19.2	28.8





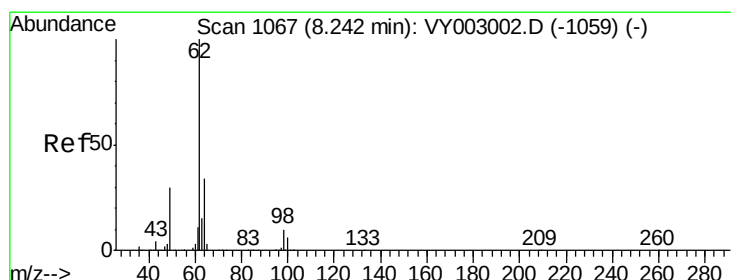
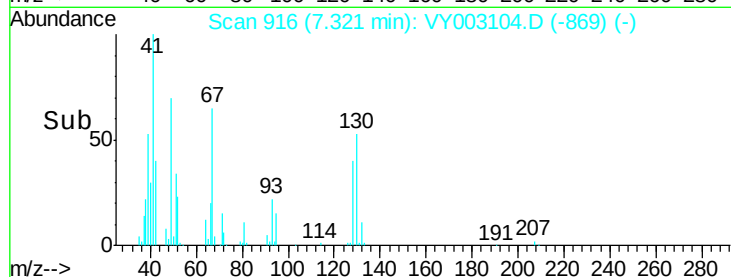
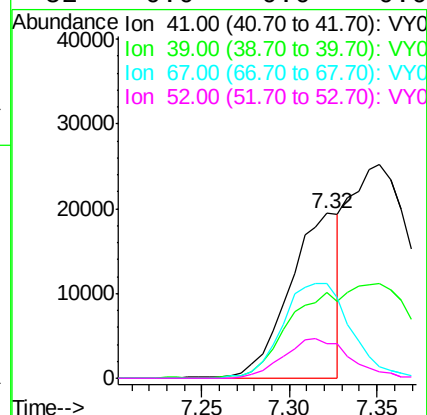
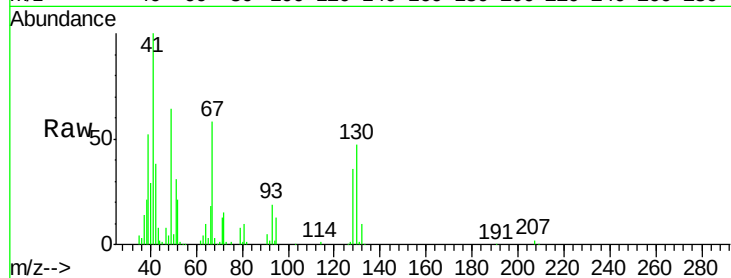
#41
Methacrylonitrile
Concen: 19.506 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	131.1	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

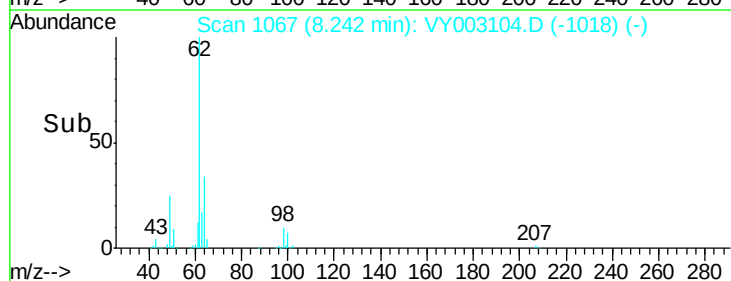
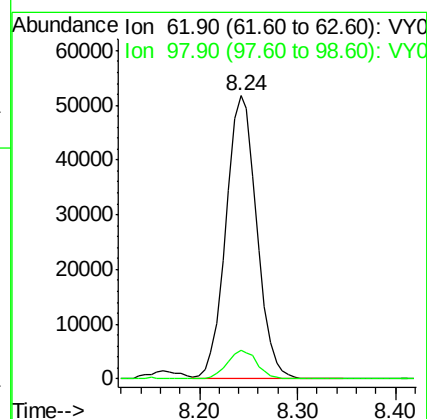
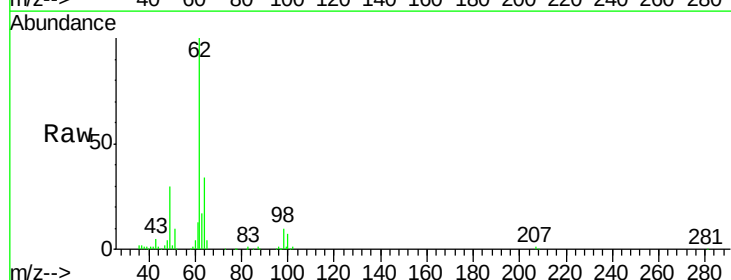
Manual Integrations
APPROVED

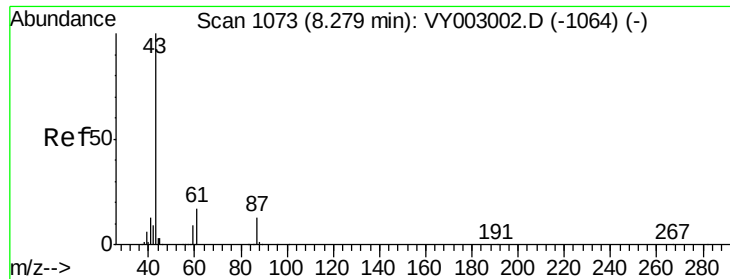
MMDadoda
7/7/2020 11:12:00 AM



#42
1,2-Dichloroethane
Concen: 20.996 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2





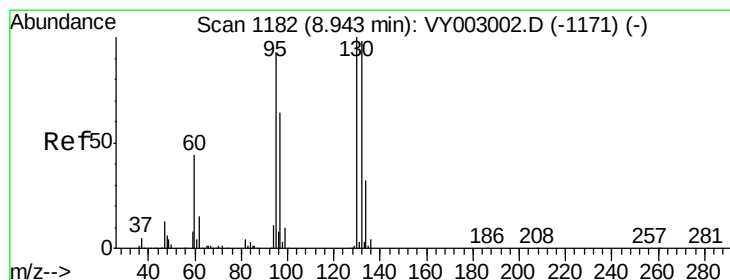
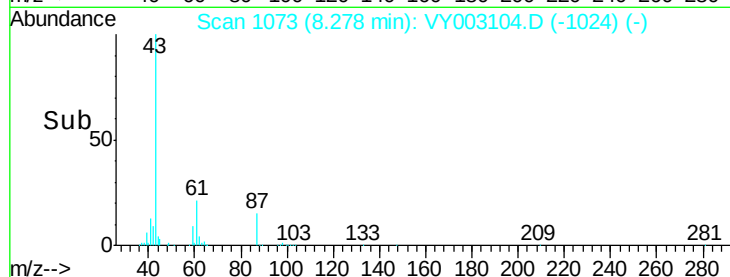
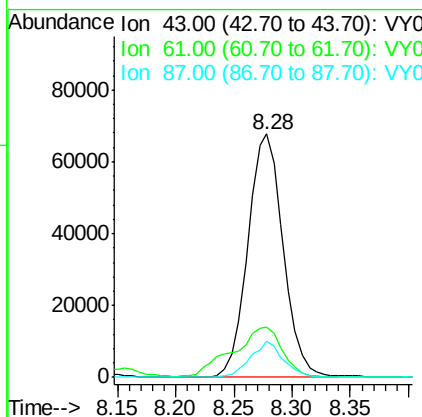
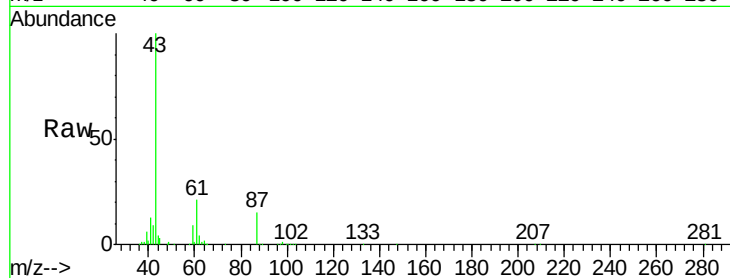
#43
Isopropyl Acetate
Concen: 20.065 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	21.8	32.6
87	14.0	10.1	15.1

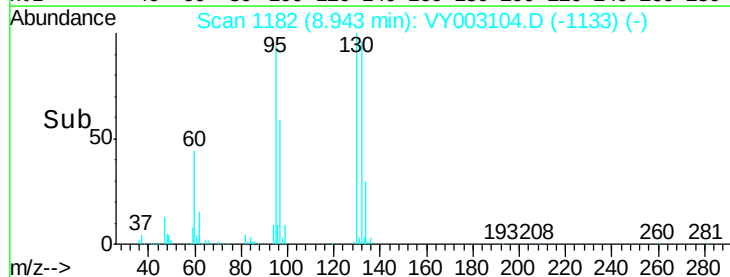
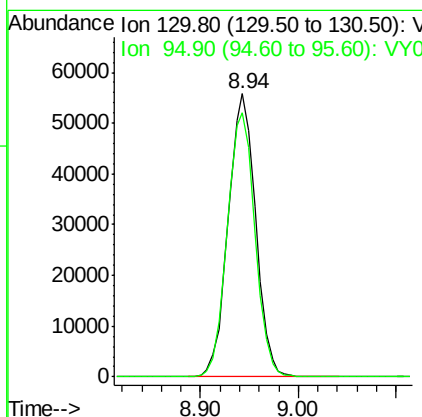
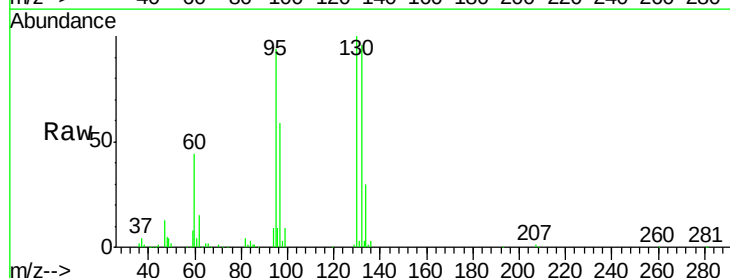
Manual Integrations
APPROVED

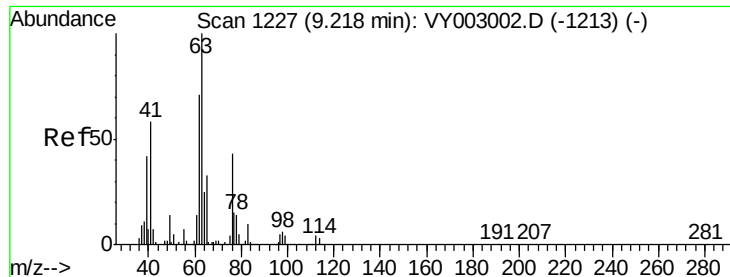
MMDadoda
7/7/2020 11:12:00 AM



#44
Trichloroethene
Concen: 21.987 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	186.4





#45

1,2-Dichloropropane

Concen: 20.603 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 63 Resp: 94098

Ion Ratio Lower Upper

63 100

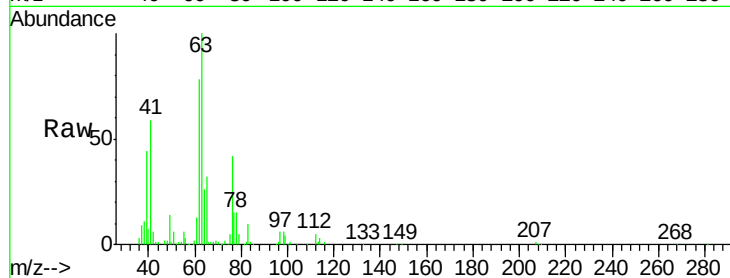
65 32.2 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

7/7/2020 11:12:00 AM



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

50000

40000

30000

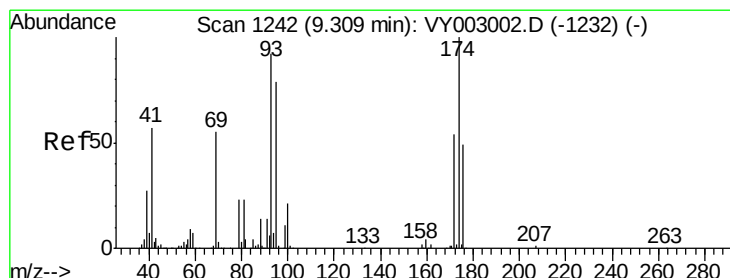
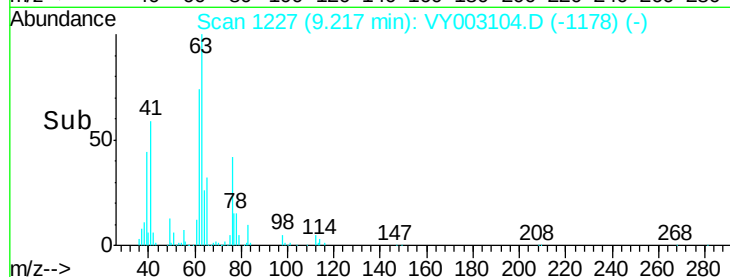
20000

10000

0

9.10 9.20 9.30

Time-->



#46

Dibromomethane

Concen: 21.154 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

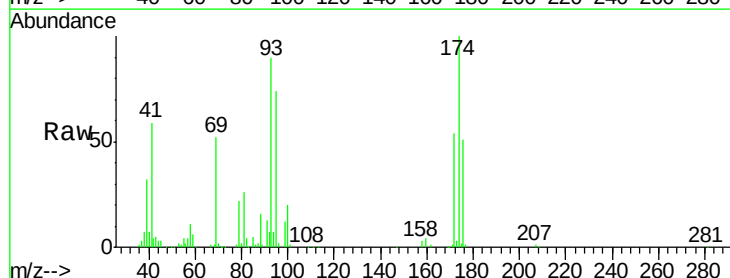
Tgt Ion: 93 Resp: 53960

Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

174 113.0 88.3 132.5



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

40000

30000

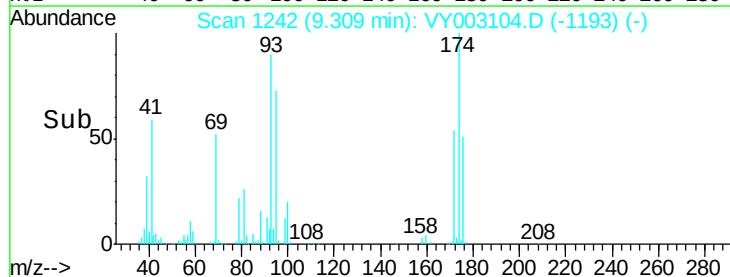
20000

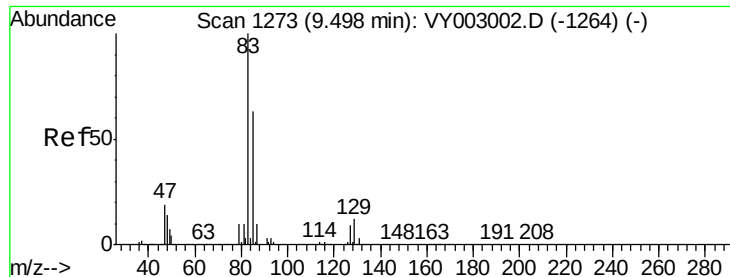
10000

0

9.20 9.25 9.30 9.35 9.40

Time-->





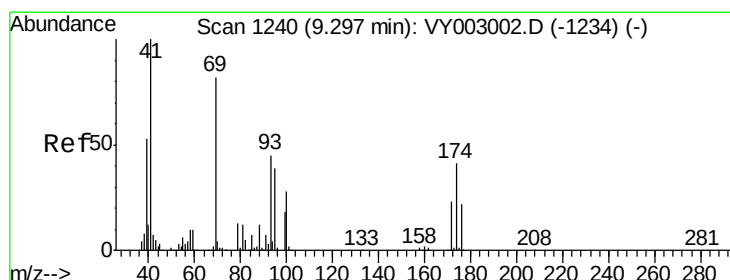
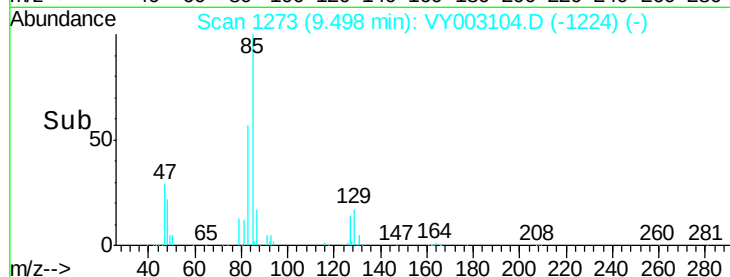
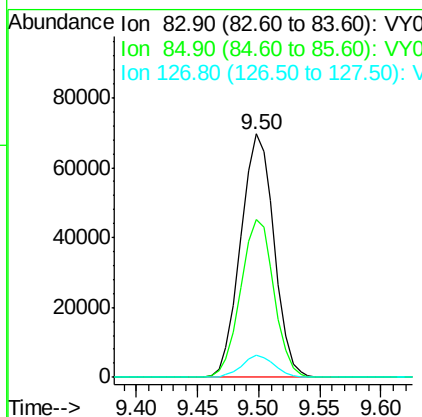
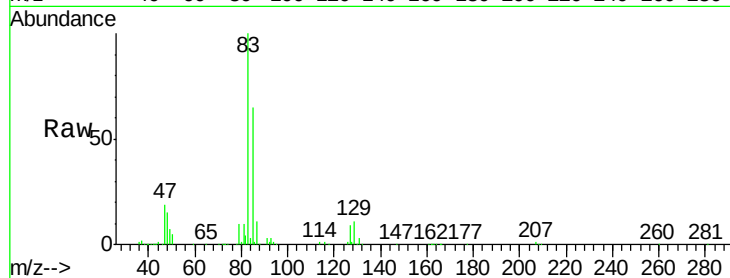
#47
Bromodichloromethane
Concen: 21.175 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.5	75.7
127	8.9	7.0	10.4

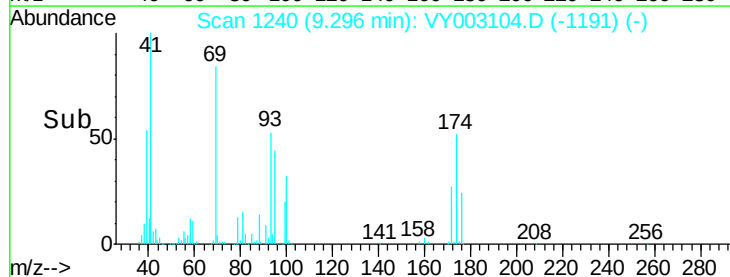
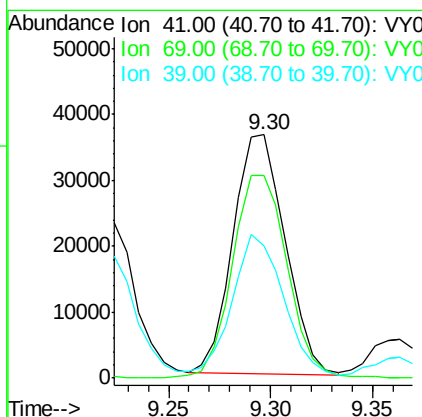
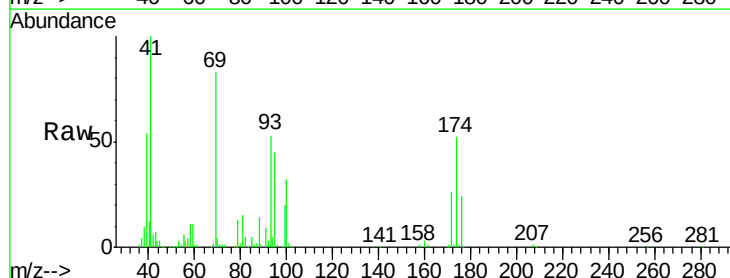
Manual Integrations
APPROVED

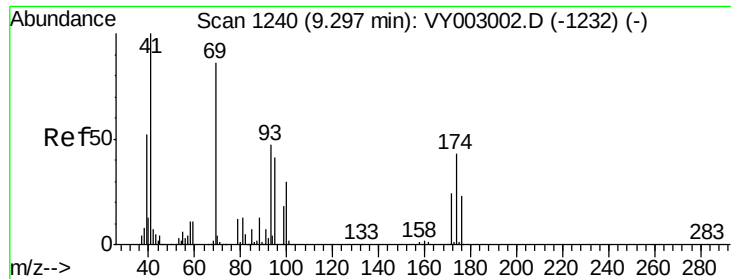
MMDadoda
7/7/2020 11:12:00 AM



#48
Methyl methacrylate
Concen: 20.004 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.4	67.7	101.5
39	57.2	45.0	67.4





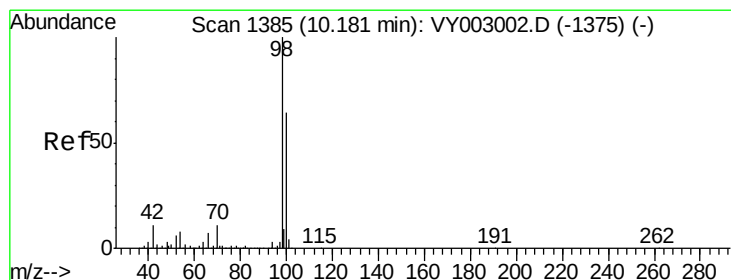
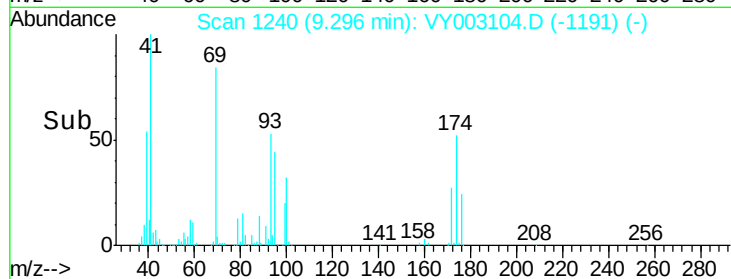
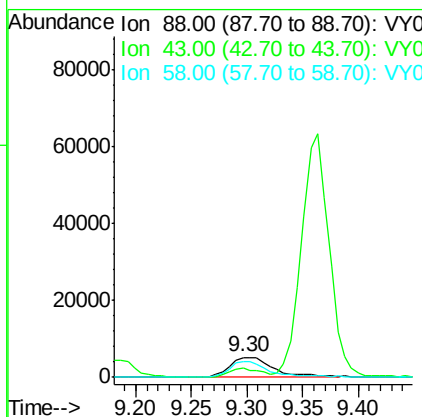
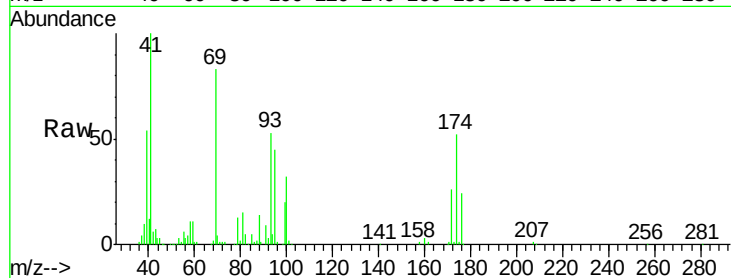
#49
1,4-Dioxane
Concen: 464.864 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	88	Resp	14475
Ion	Ratio	Lower	Upper
88	100		
43	30.8	28.6	42.8
58	73.7	56.7	85.1

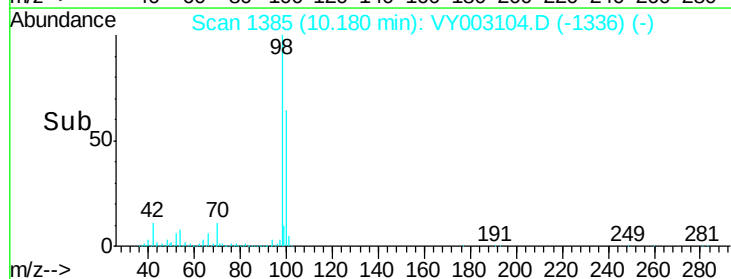
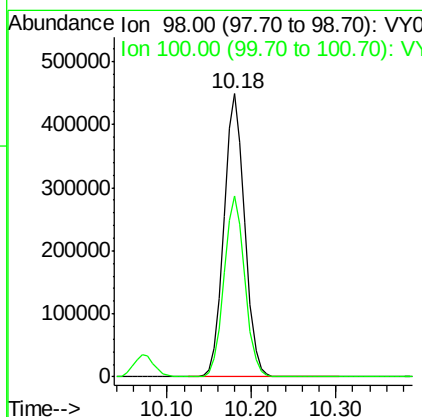
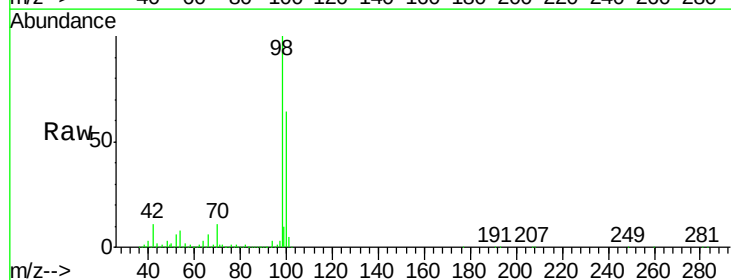
Manual Integrations
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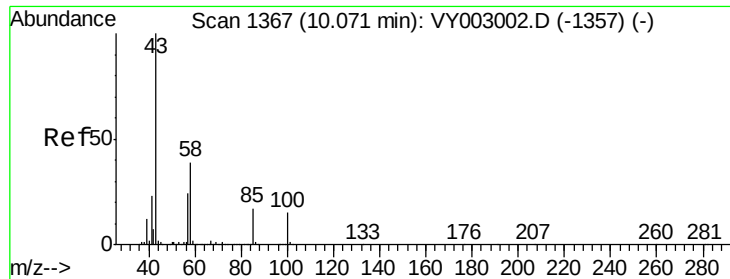
MMDadoda
7/7/2020 11:12:00 AM



#50
Toluene-d8
Concen: 50.838 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	98	Resp	760566
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 105.023 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 43 Resp: 384728

Ion Ratio Lower Upper

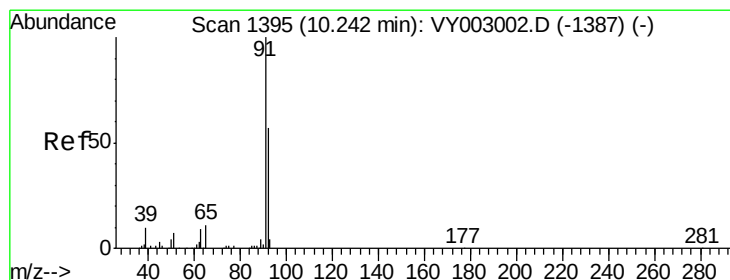
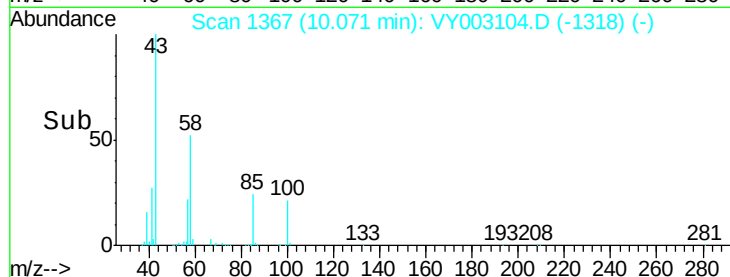
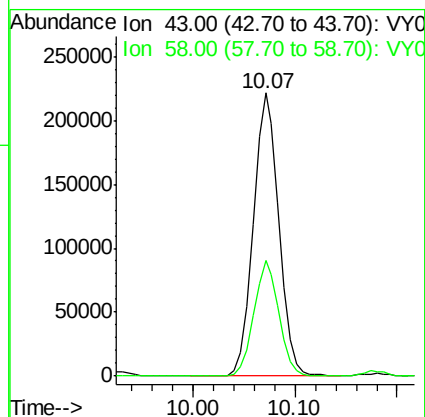
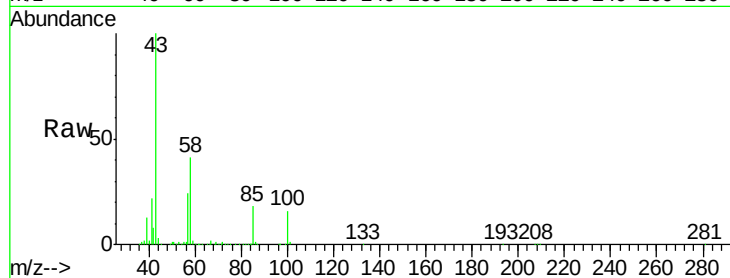
43 100

58 40.2 31.1 46.7

Manual Integrations
APPROVED

MMDadoda

7/7/2020 11:12:00 AM



#52

Toluene

Concen: 21.241 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003104.D

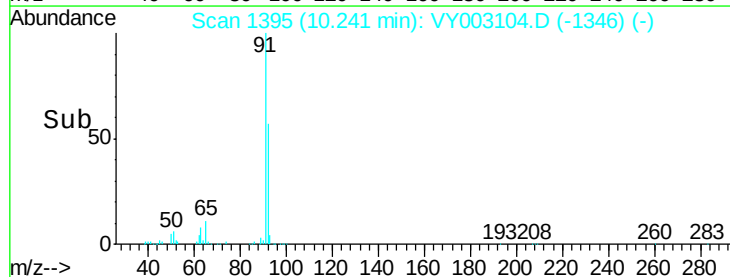
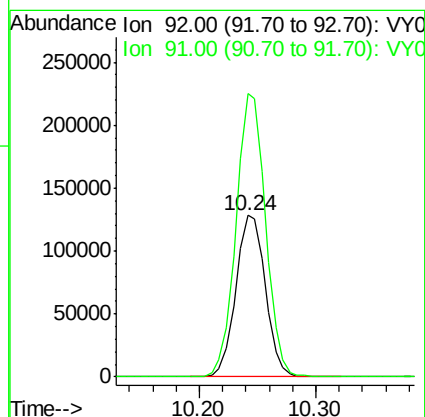
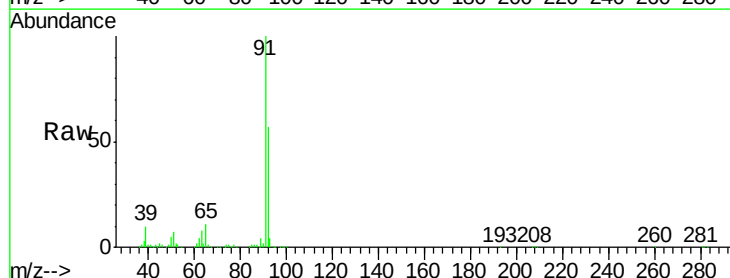
Acq: 06 Jul 2020 11:22

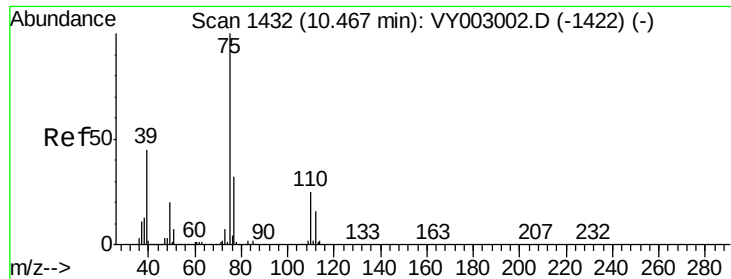
Tgt Ion: 92 Resp: 226996

Ion Ratio Lower Upper

92 100

91 175.1 139.6 209.4





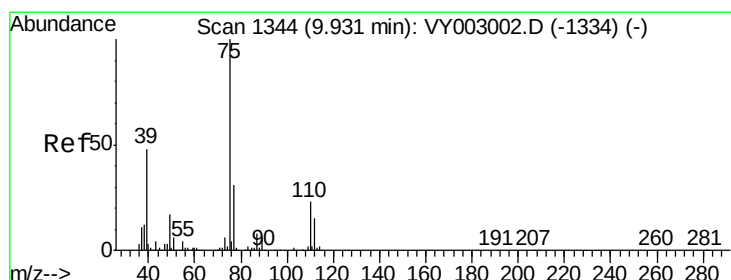
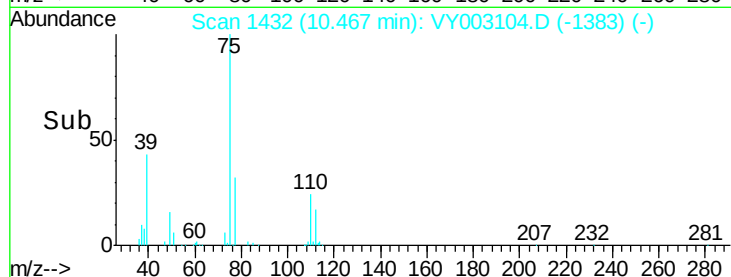
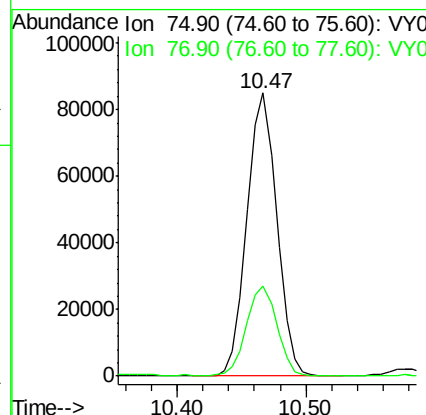
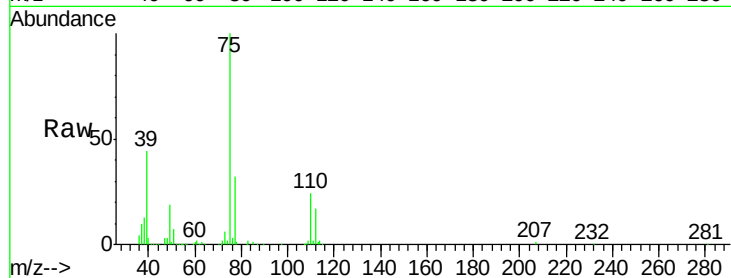
#53
 t-1,3-Dichloropropene
 Concen: 20.812 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.9	38.9

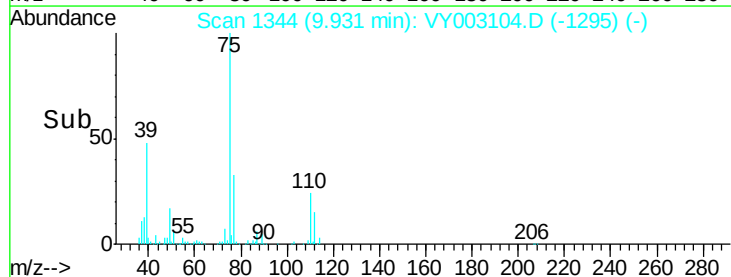
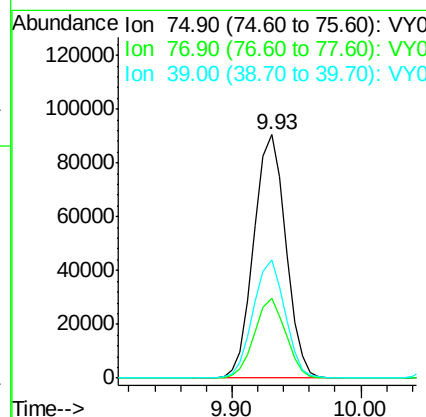
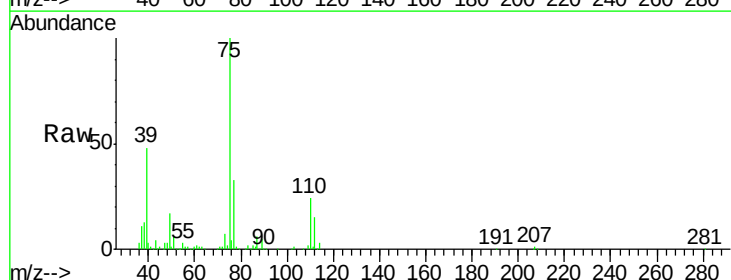
Manual Integrations
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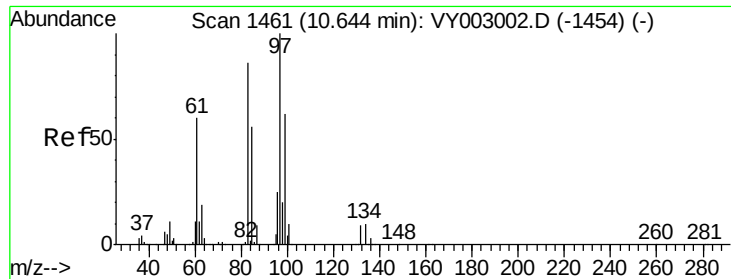
MMDadoda
 7/7/2020 11:12:00 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.748 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.6	37.0
39	48.4	38.3	57.5





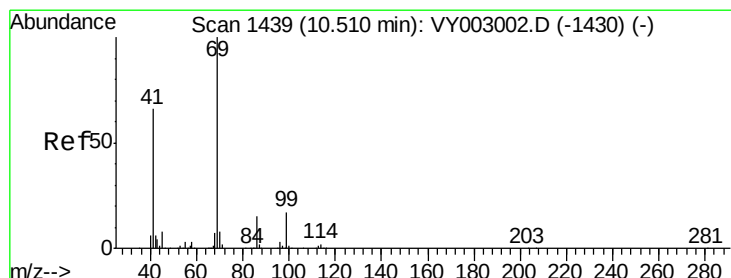
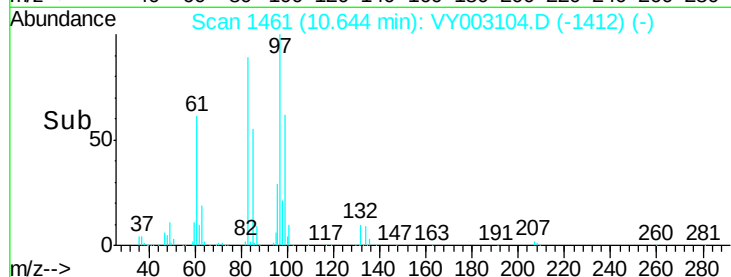
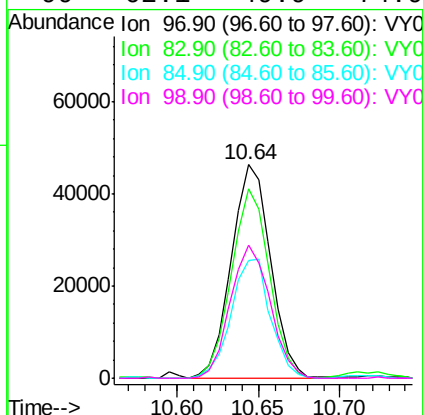
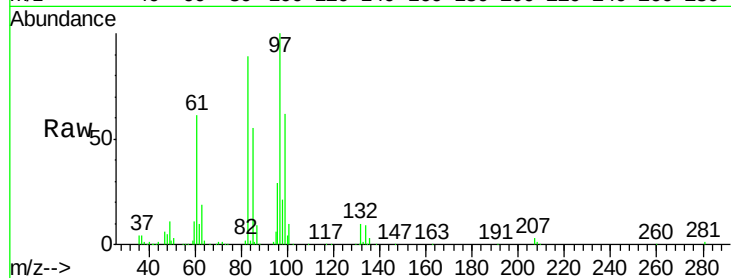
#55
 1,1,2-Trichloroethane
 Concen: 22.024 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion:	97	Resp:	78067
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.0	103.6
85	54.8	44.8	67.2
99	62.1	49.9	74.9

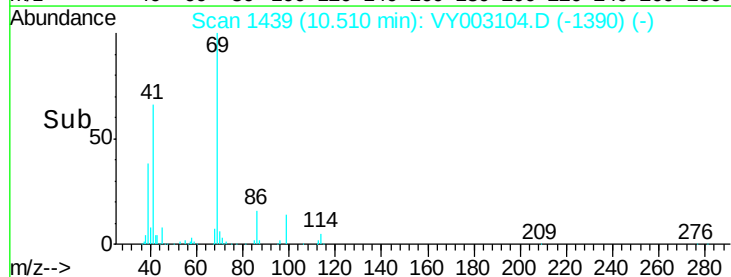
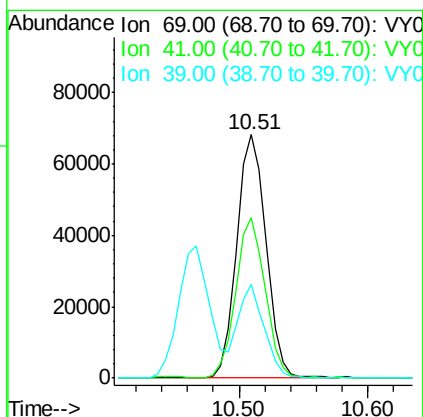
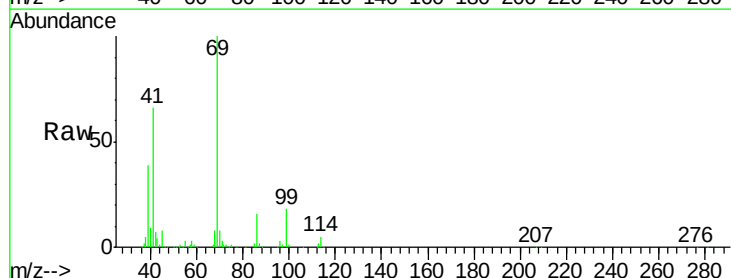
Manual Integrations
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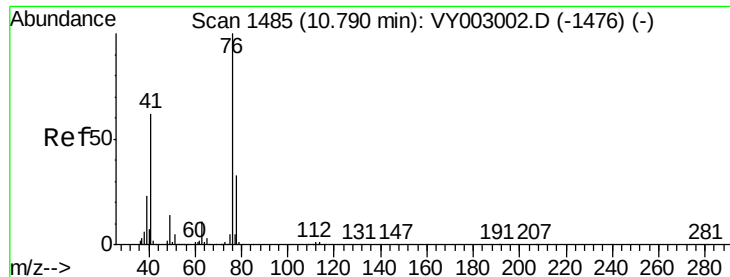
MMDadoda
 7/7/2020 11:12:00 AM



#56
 Ethyl methacrylate
 Concen: 20.940 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Tgt Ion:	69	Resp:	107443
Ion	Ratio	Lower	Upper
69	100		
41	65.7	53.7	80.5
39	34.0	28.3	42.5





#57

1,3-Dichloropropane

Concen: 21.266 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 76 Resp: 132329

Ion Ratio Lower Upper

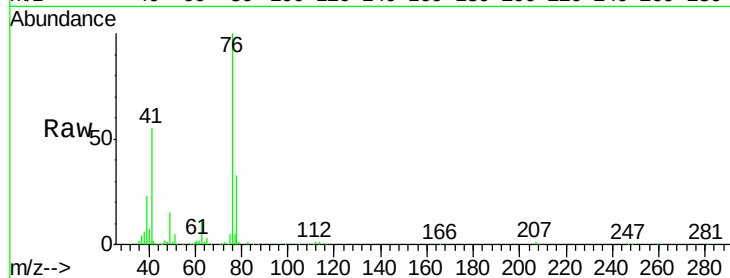
76 100

78 32.3 26.0 39.0

Manual Integrations
APPROVED

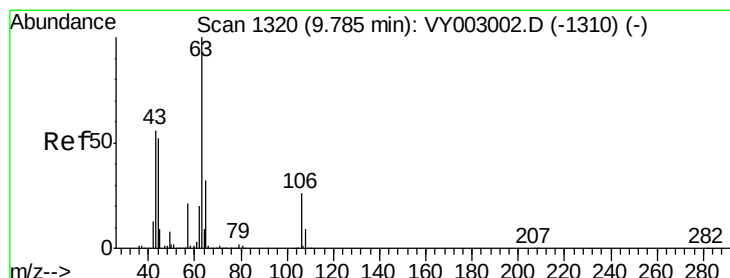
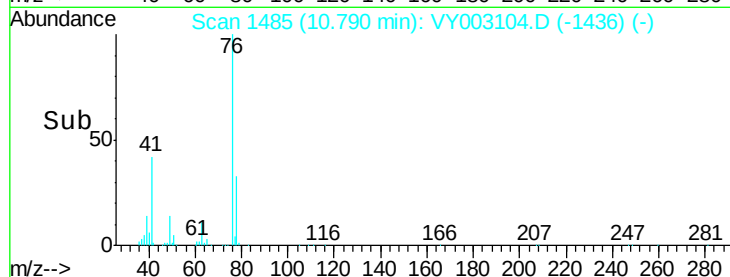
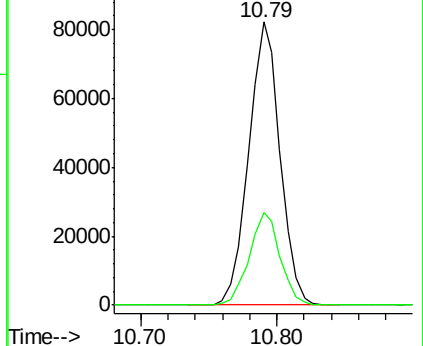
MMDadoda

7/7/2020 11:12:00 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 89.404 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003104.D

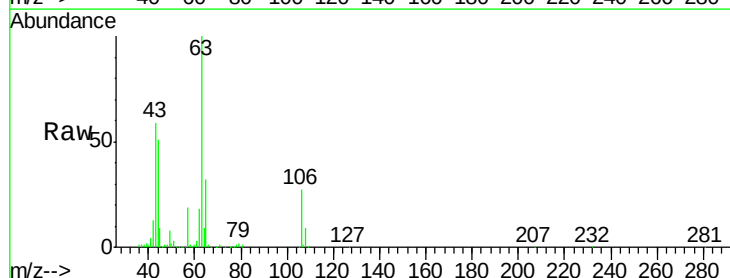
Acq: 06 Jul 2020 11:22

Tgt Ion: 63 Resp: 235273

Ion Ratio Lower Upper

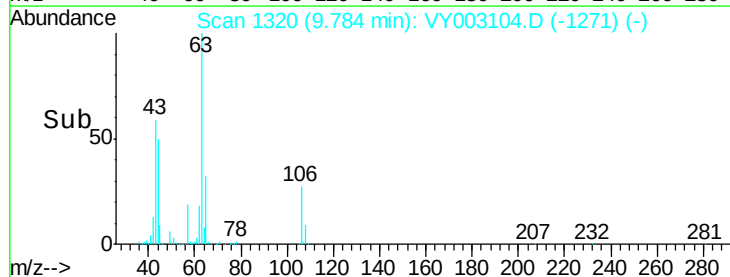
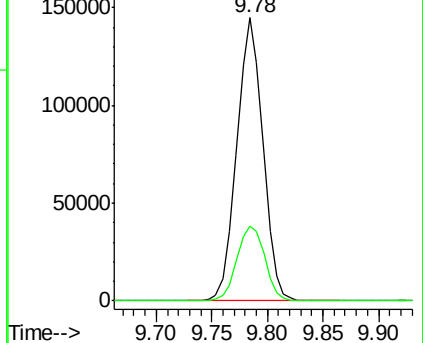
63 100

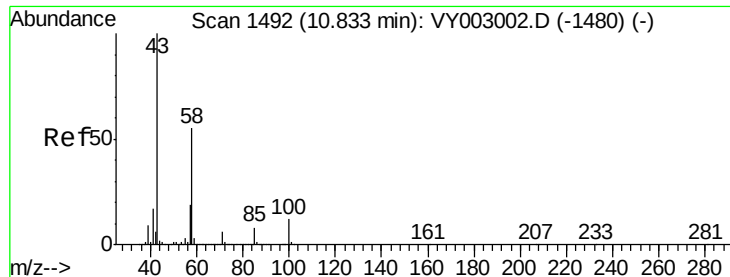
106 28.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





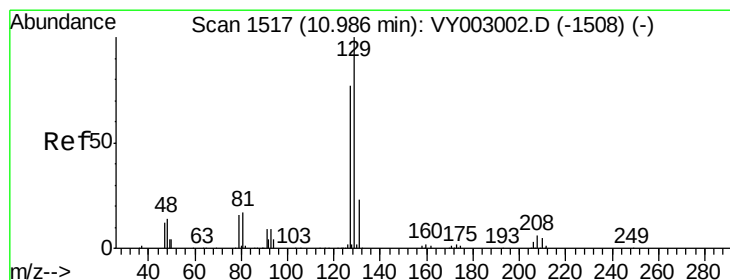
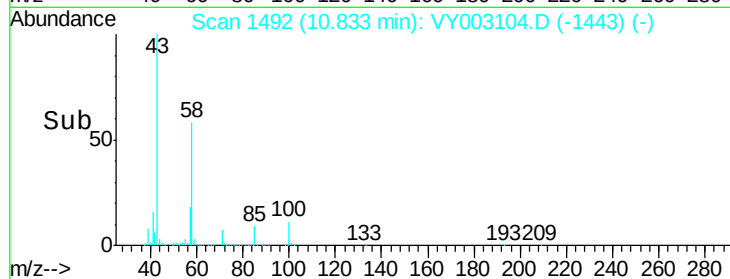
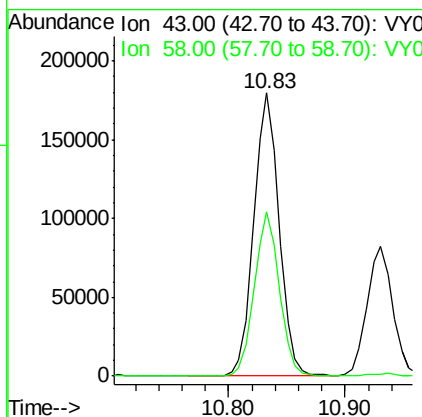
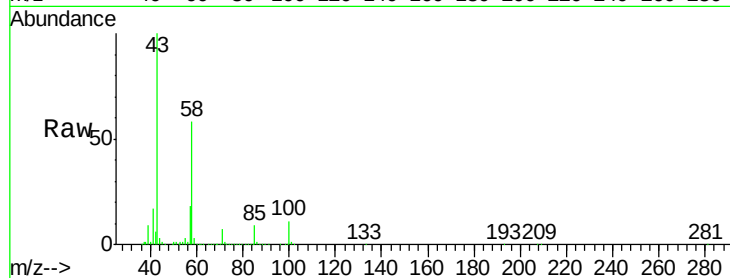
#59
2-Hexanone
Concen: 106.465 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion: 43 Resp: 272603
Ion Ratio Lower Upper
43 100
58 57.3 27.5 82.4

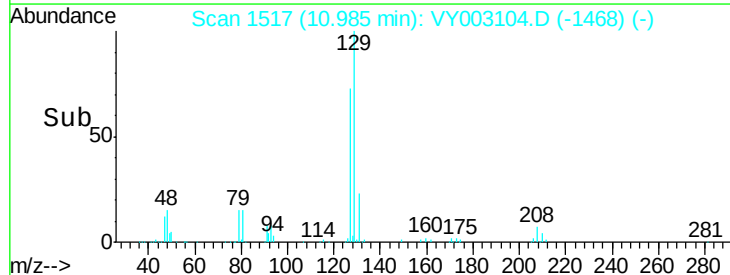
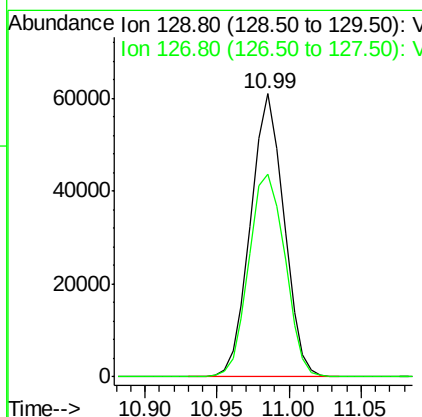
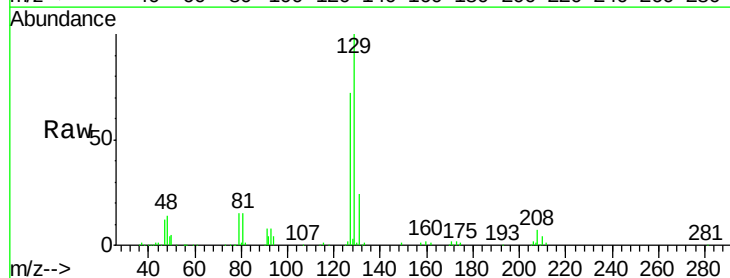
Manual Integrations
APPROVED

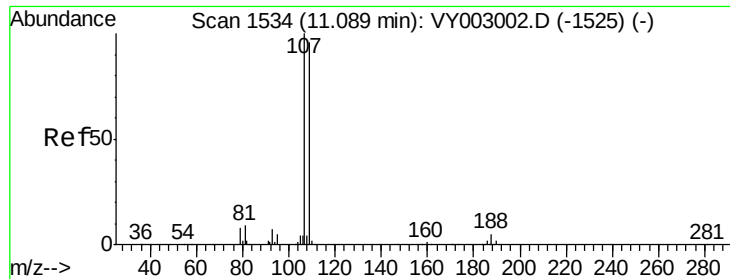
MMDadoda
7/7/2020 11:12:00 AM



#60
Dibromochloromethane
Concen: 21.674 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion: 129 Resp: 98317
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3





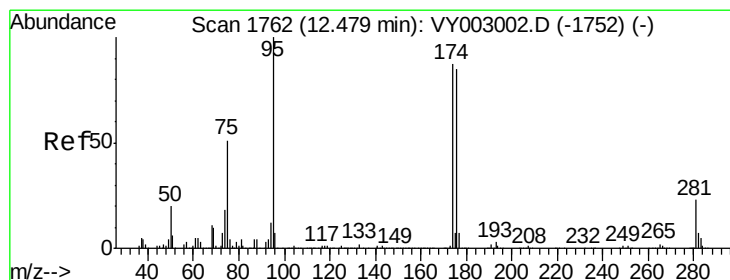
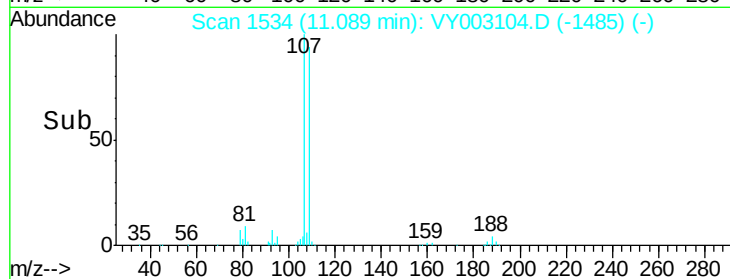
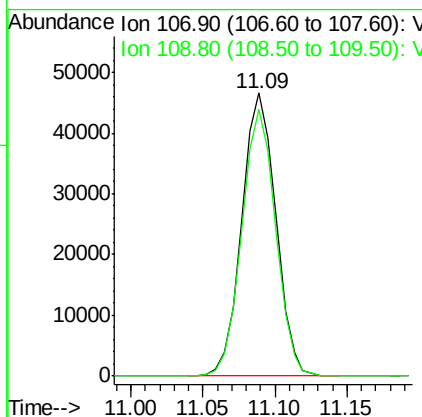
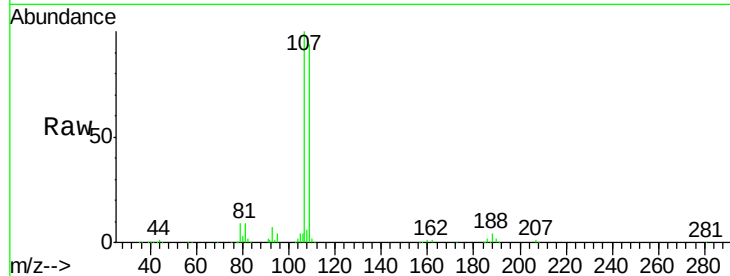
#61
 1,2-Dibromoethane
 Concen: 21.797 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.8	113.8

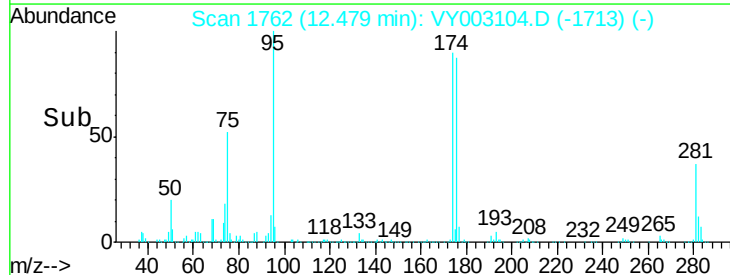
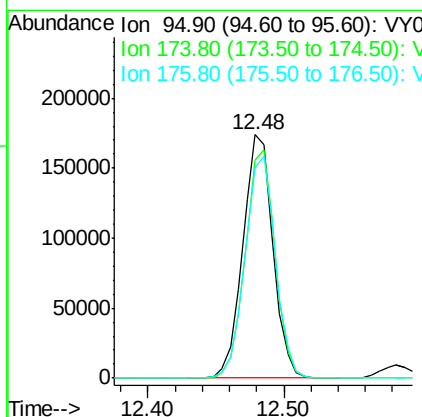
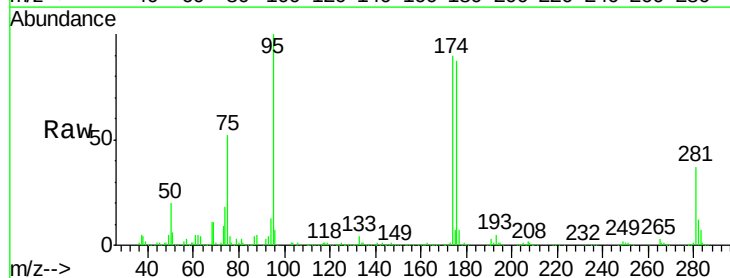
Manual Integrations
 APPROVED

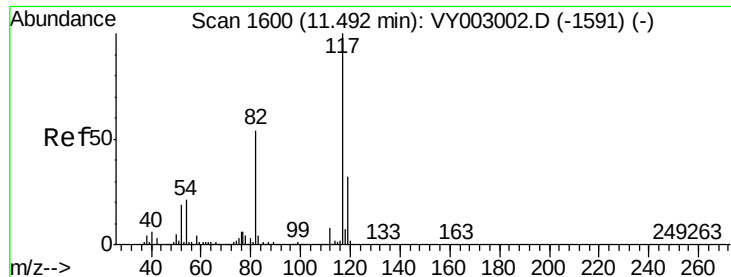
MMDadoda
 7/7/2020 11:12:00 AM



#62
 4-Bromofluorobenzene
 Concen: 50.997 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	184.8
176	92.2	0.0	183.0





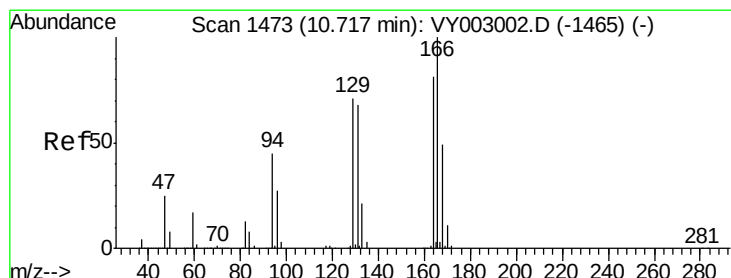
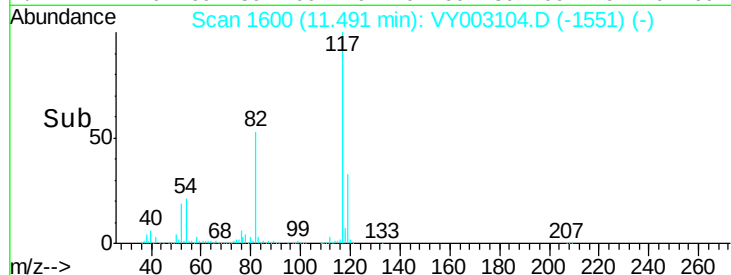
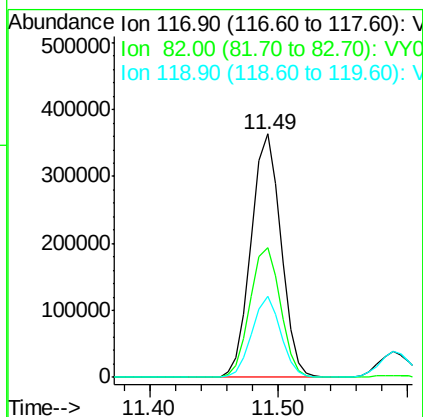
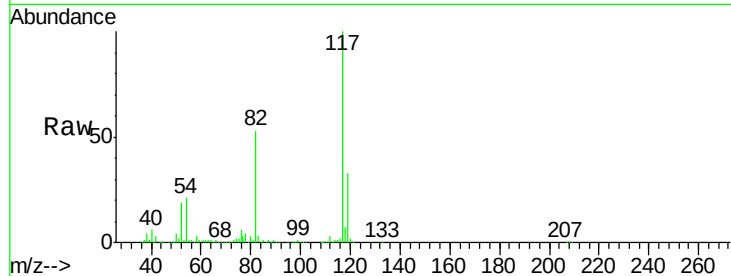
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	580970		
82	53.3		43.0	64.6
119	33.1		25.8	38.8

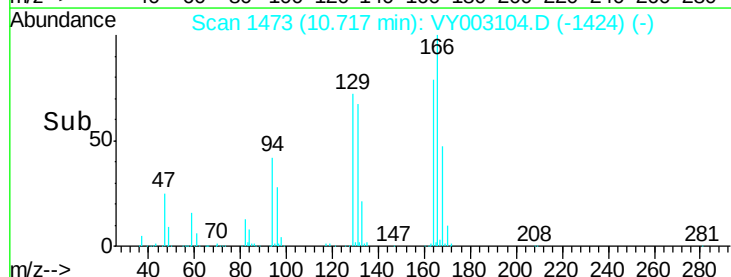
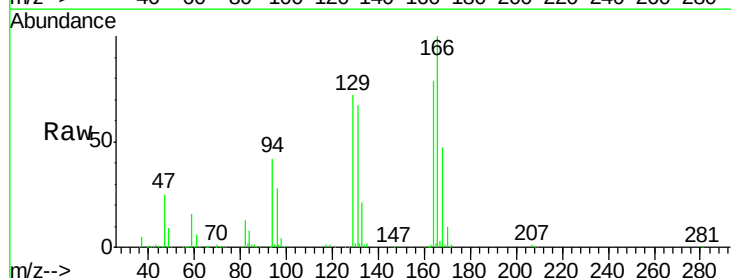
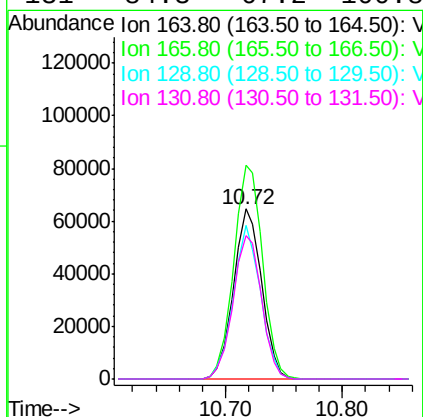
Manual Integrations
APPROVED

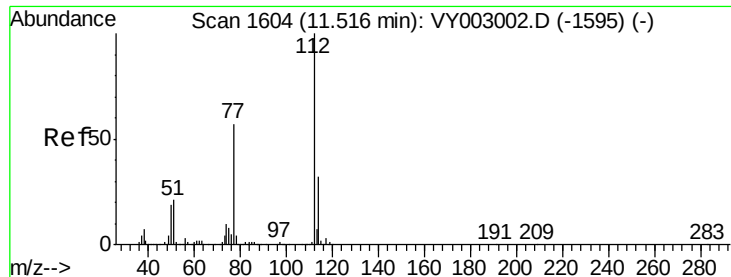
MMDadoda
7/7/2020 11:12:00 AM



#64
Tetrachloroethene
Concen: 22.123 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108781		
166	125.8		98.5	147.7
129	90.2		69.7	104.5
131	84.3		67.2	100.8





#65

Chlorobenzene

Concen: 22.275 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion:112 Resp: 255175

Ion Ratio Lower Upper

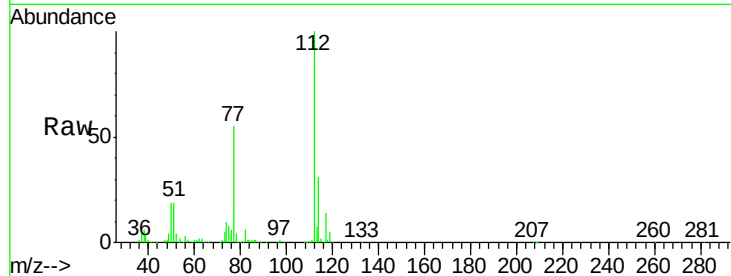
112 100

114 31.4 25.7 38.5

Manual Integrations
APPROVED

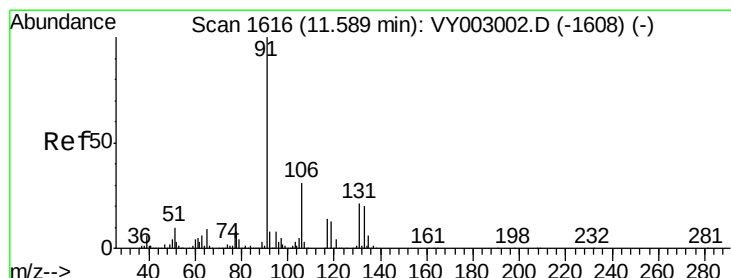
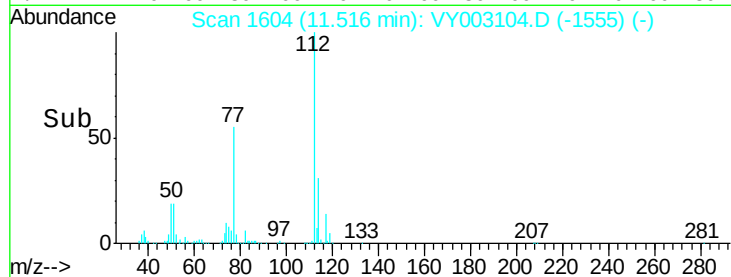
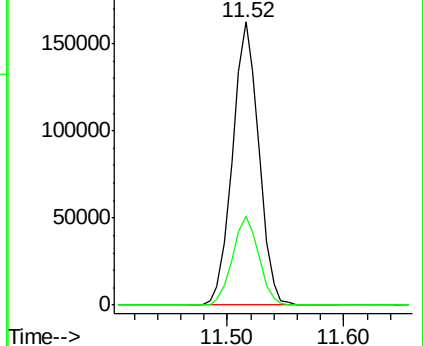
MMDadoda

7/7/2020 11:12:00 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.002 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

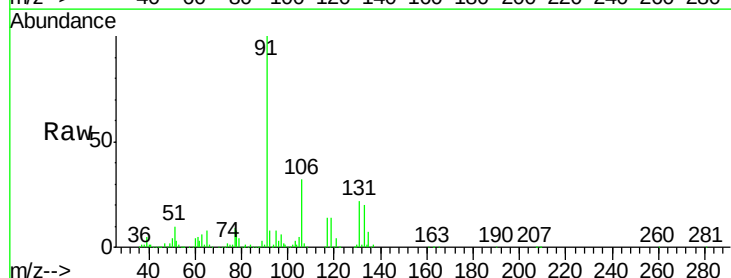
Tgt Ion:131 Resp: 98405

Ion Ratio Lower Upper

131 100

133 94.2 47.9 143.8

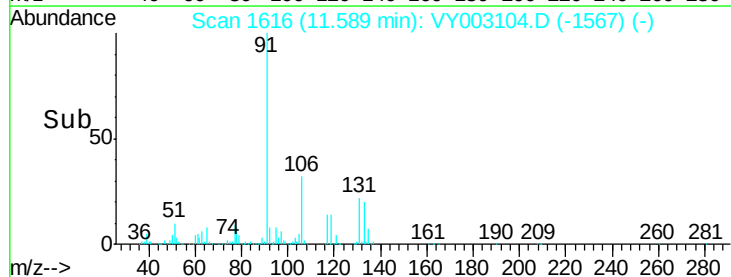
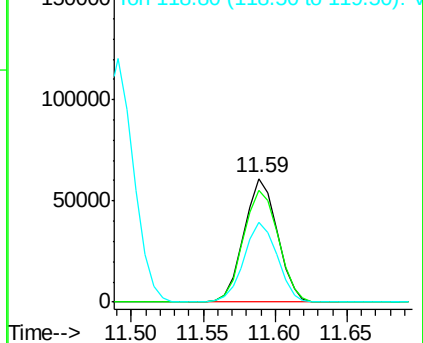
119 63.9 31.8 95.3

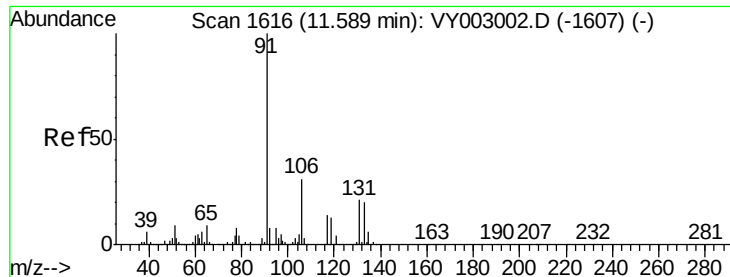


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





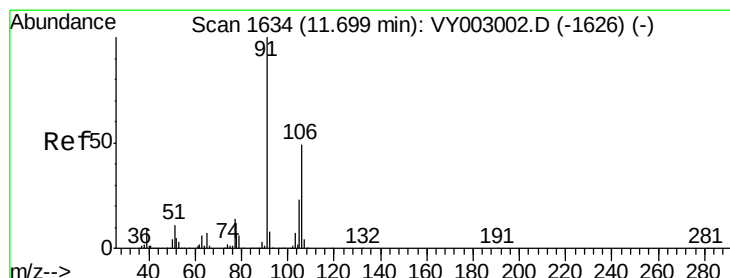
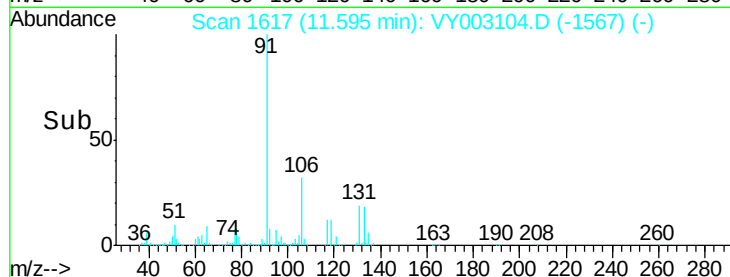
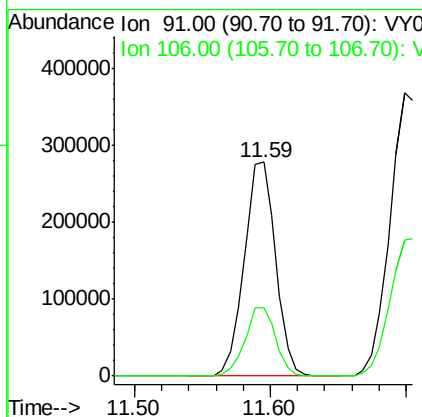
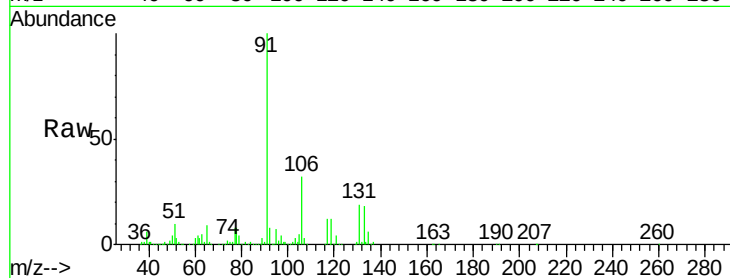
#67
Ethyl Benzene
Concen: 21.469 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	91	Resp	449934
Ion Ratio	Lower	Upper	
91	100		
106	31.7	25.0	37.4

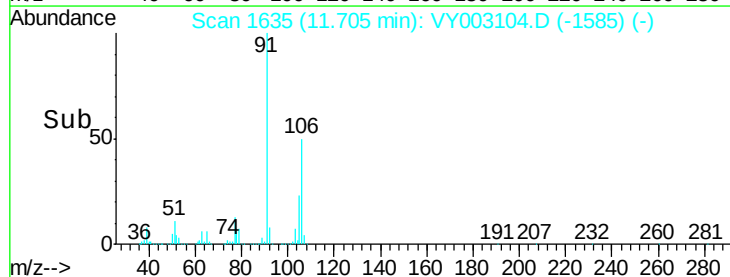
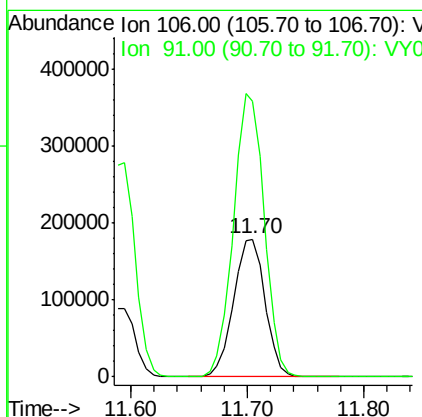
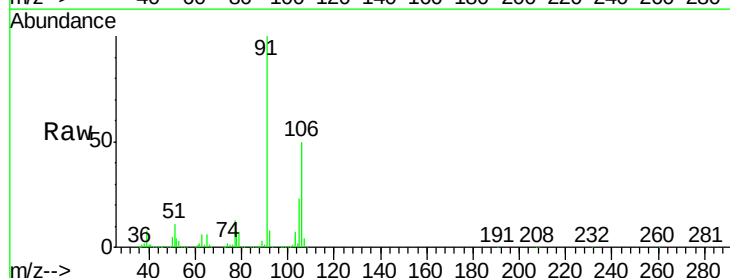
Manual Integrations
APPROVED

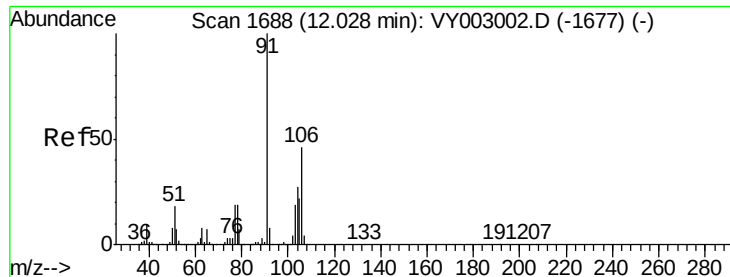
MMDadoda
7/7/2020 11:12:00 AM



#68
m/p-Xylenes
Concen: 43.291 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	106	Resp	337669
Ion Ratio	Lower	Upper	
106	100		
91	200.7	161.9	242.9





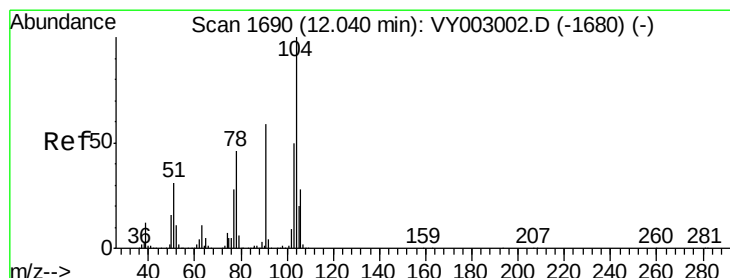
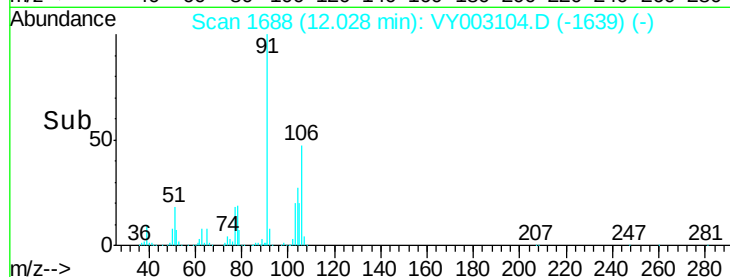
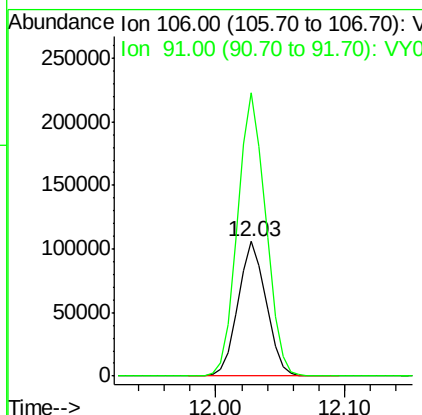
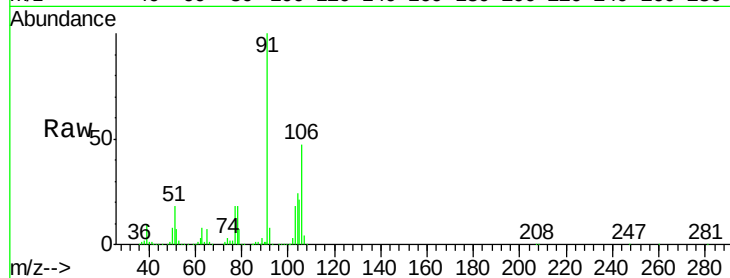
#69
o-Xylene
Concen: 21.716 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	159612		
91	91	211.7	107.9	323.8	

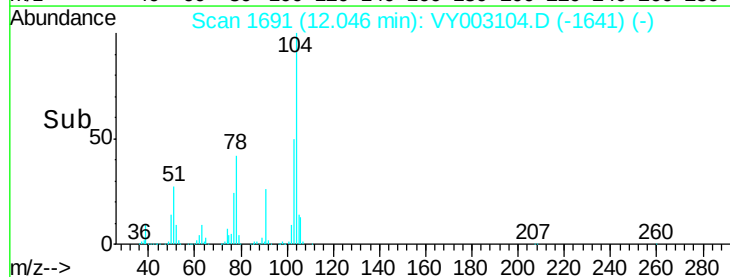
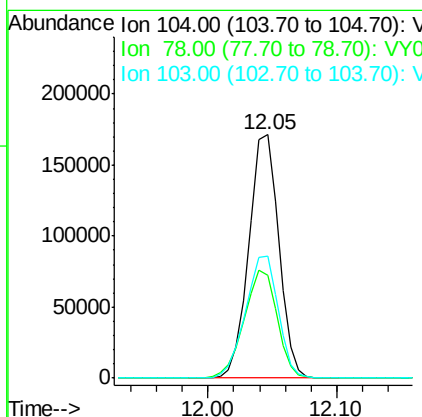
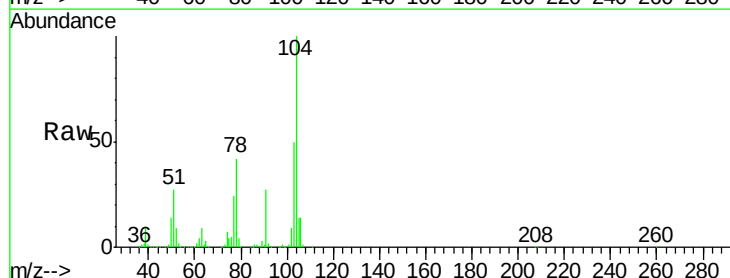
Manual Integrations
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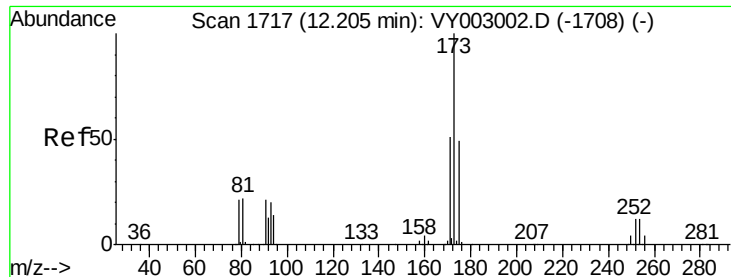
MMDadoda
7/7/2020 11:12:00 AM



#70
Styrene
Concen: 21.868 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	274586		
78	78	48.9	40.4	60.6	
103	103	55.1	44.1	66.1	





#71

Bromoform

Concen: 22.007 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

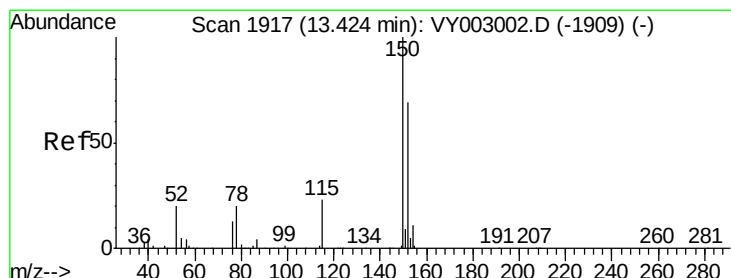
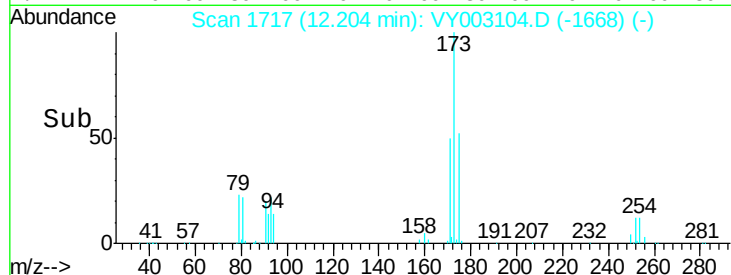
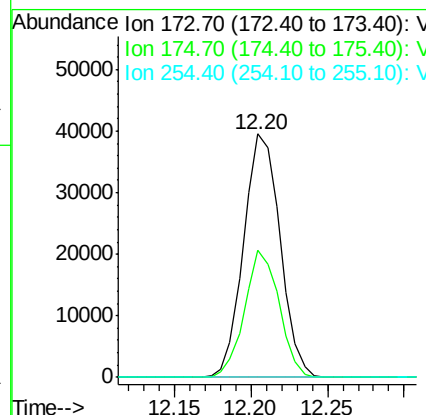
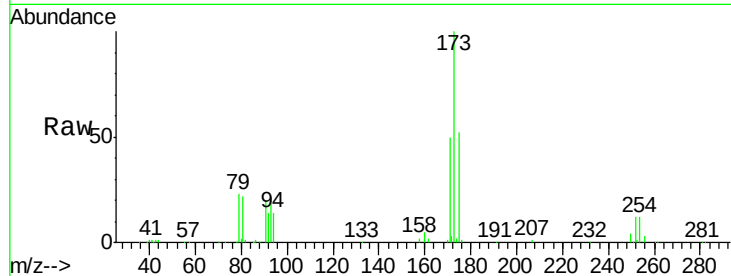
ClientSampleId :

VY0706SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.6	73.6
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

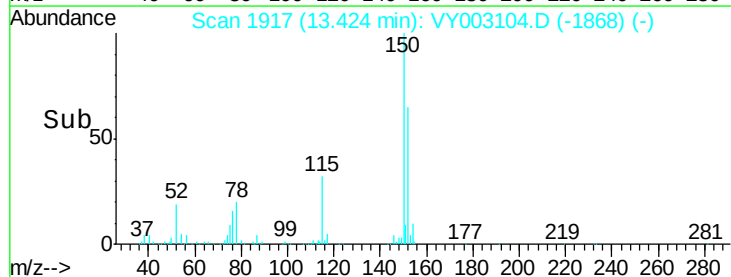
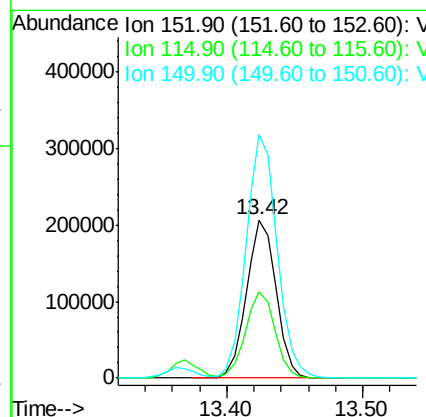
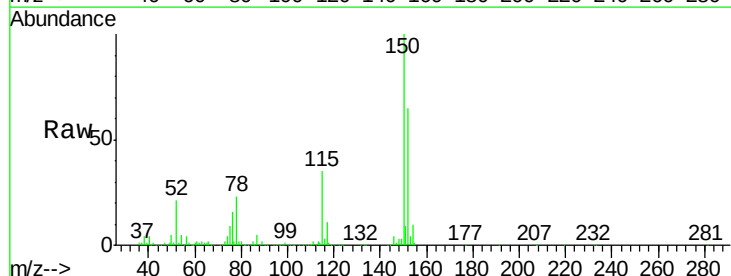
RT: 13.42 min Scan# 1917

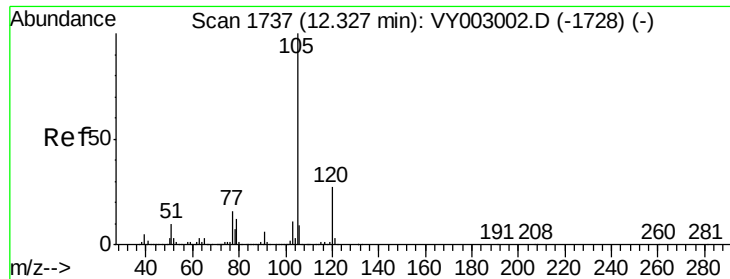
Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.3	81.9
150	162.1	0.0	343.4





#73

Isopropylbenzene

Concen: 21.528 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 105 Resp: 441040

Ion Ratio Lower Upper

105 100

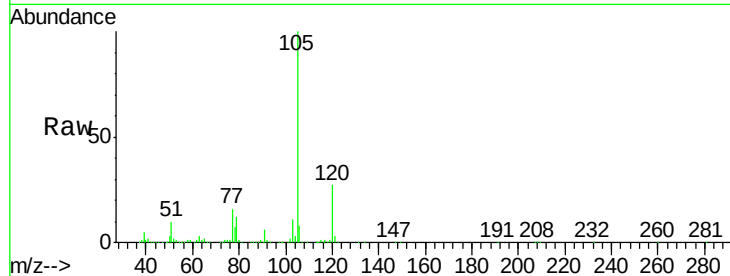
120 27.3 13.4 40.1

Manual Integrations

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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

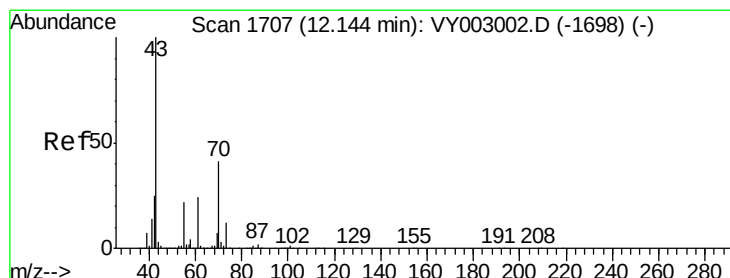
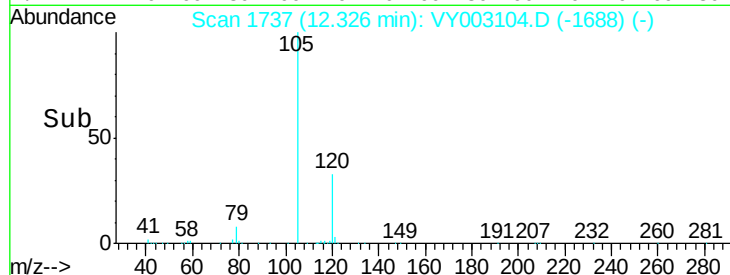
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.093 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Tgt Ion: 43 Resp: 134006

Ion Ratio Lower Upper

43 100

70 43.2 33.0 49.4

55 24.0 18.2 27.2

61 24.7 19.4 29.2

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

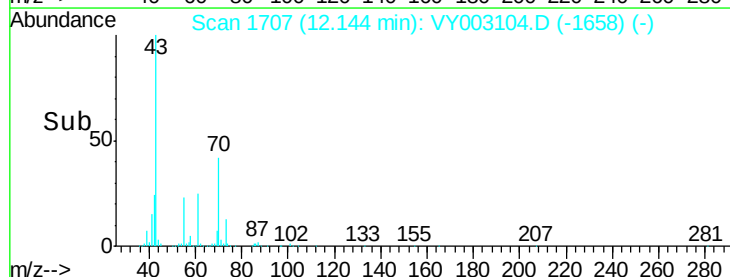
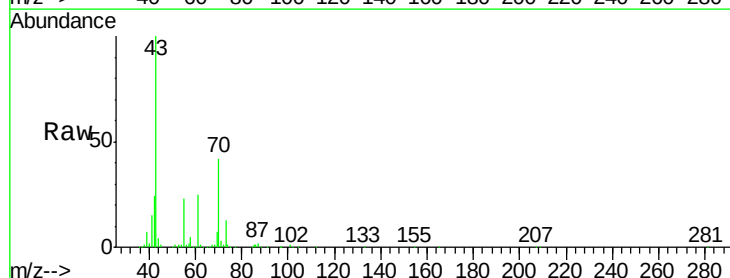
150000

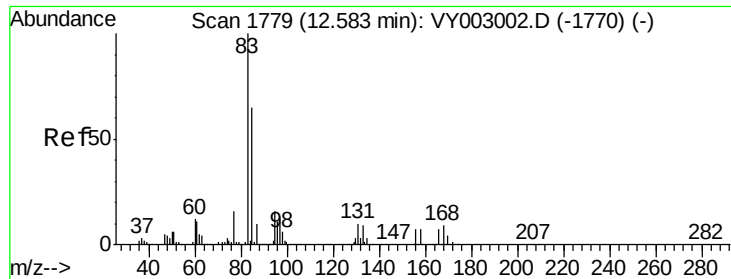
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.138 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

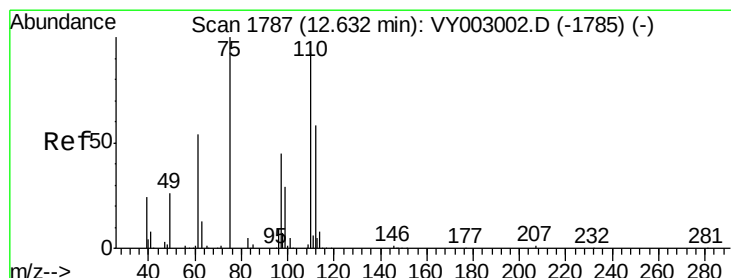
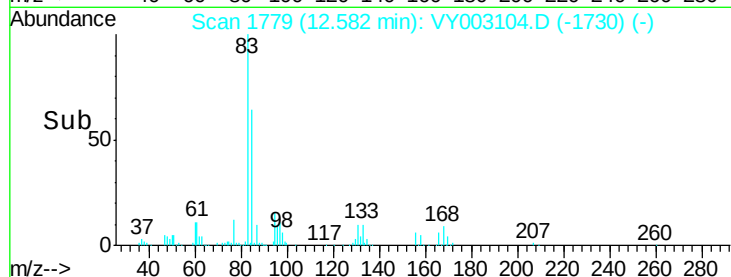
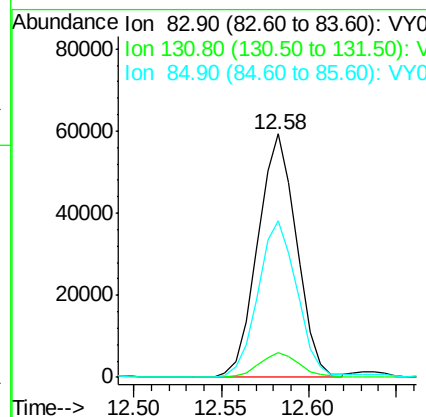
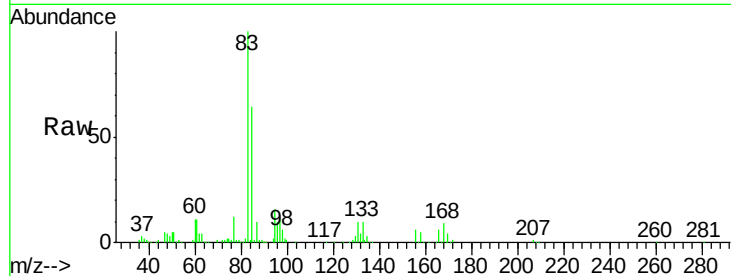
ClientSampleId :

VY0706SBS01

Tot Ion:	83	Resp:	91523
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	64.9	32.1	96.3

Manual Integrations
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7/7/2020 11:12:00 AM



#76

1,2,3-Trichloropropane

Concen: 22.651 ug/l m

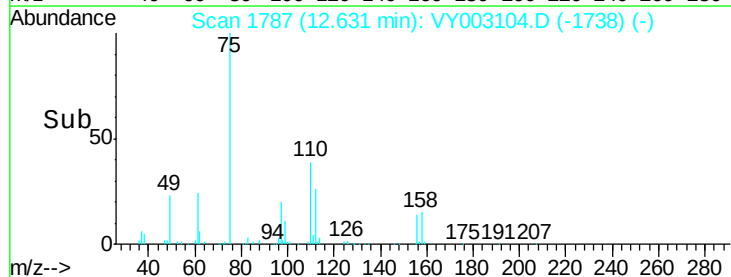
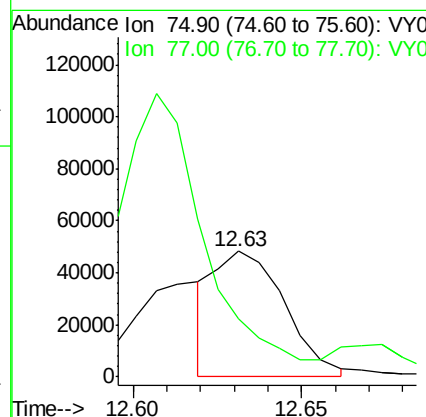
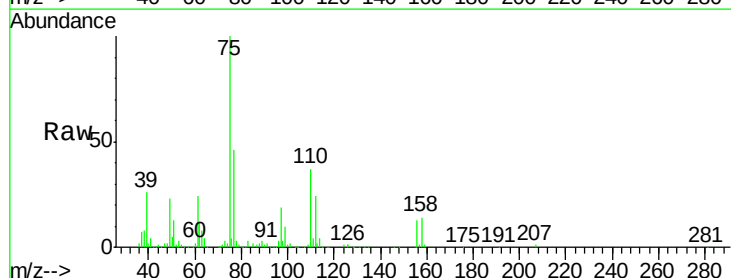
RT: 12.63 min Scan# 1787

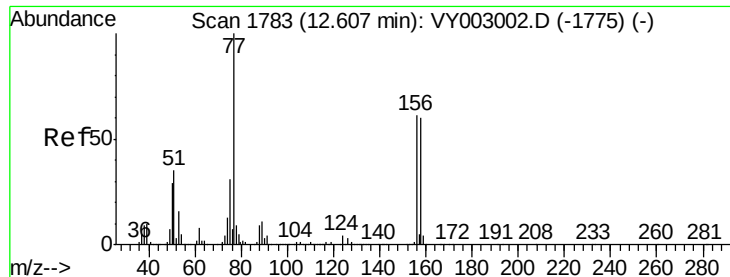
Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Tgt Ion:	75	Resp:	70174
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.288 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

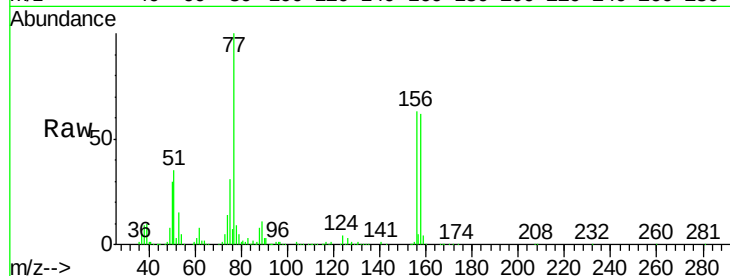
ClientSampleId :

VY0706SBS01

Tot Ion:	156	Resp:	111822
Ion Ratio	Lower	Upper	
156	100		
77	174.9	90.0	270.0
158	97.3	48.5	145.5

Manual Integrations
APPROVED

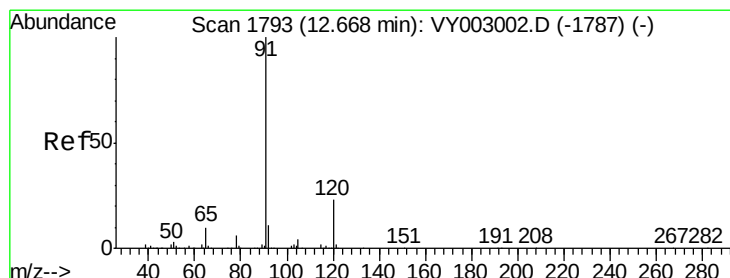
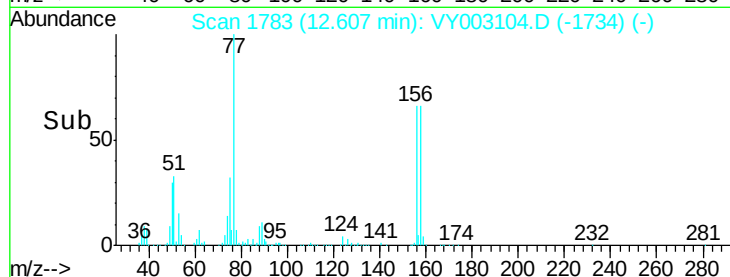
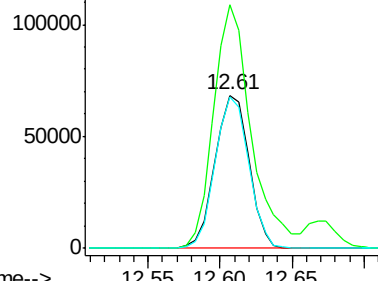
MMDadoda
7/7/2020 11:12:00 AM



Abundance Ion 155.80 (155.50 to 156.50): VY003104.D (-1734) (-)

Ion 77.00 (76.70 to 77.70): VY003104.D (-1734) (-)

Ion 157.80 (157.50 to 158.50): VY003104.D (-1734) (-)



#78

n-propylbenzene

Concen: 21.039 ug/l

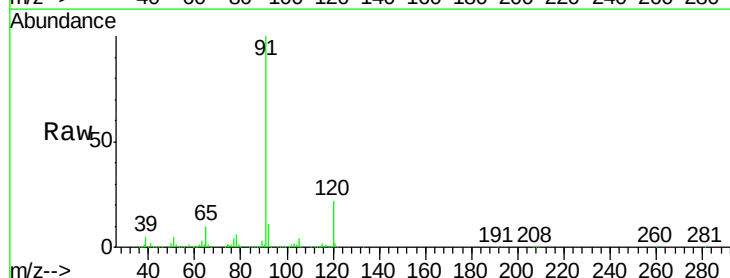
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003104.D

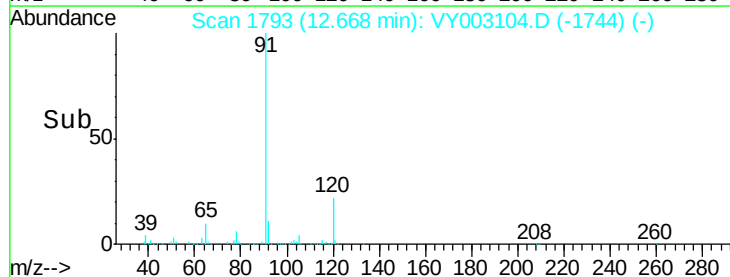
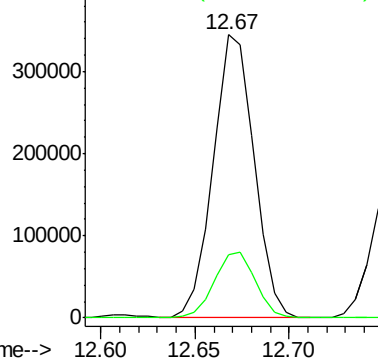
Acq: 06 Jul 2020 11:22

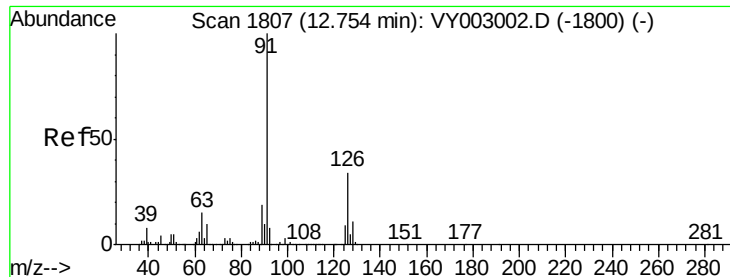
Tgt Ion:	91	Resp:	518351
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VY003104.D (-1744) (-)

Ion 120.00 (119.70 to 120.70): VY003104.D (-1744) (-)





#79

2-Chlorotoluene

Concen: 21.110 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 91 Resp: 290315

Ion Ratio Lower Upper

91 100

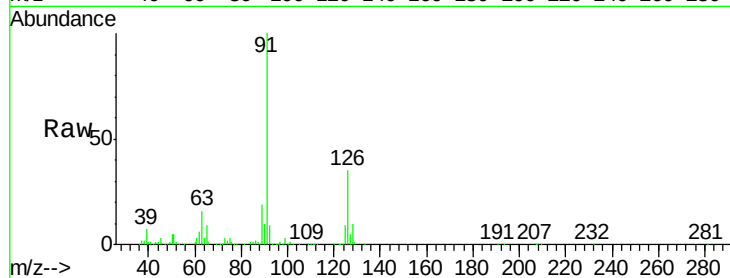
126 35.5 17.1 51.3

Manual Integrations

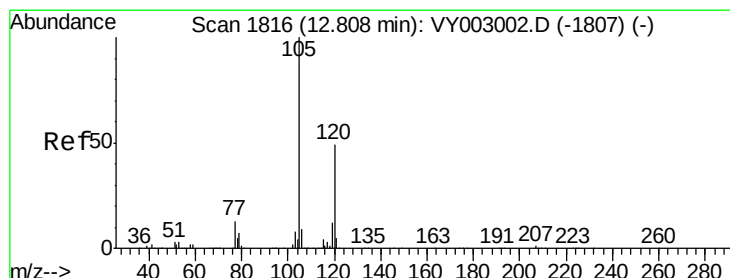
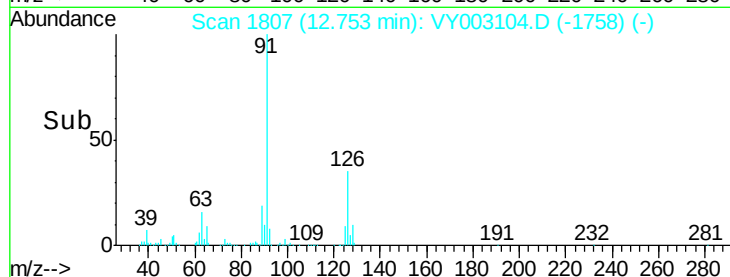
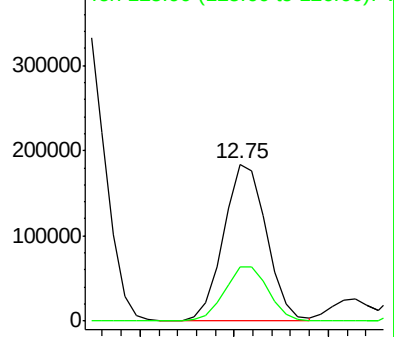
APPROVED

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7/7/2020 11:12:00 AM



Abundance Ion 91.00 (90.70 to 91.70): VY003104.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.525 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003104.D

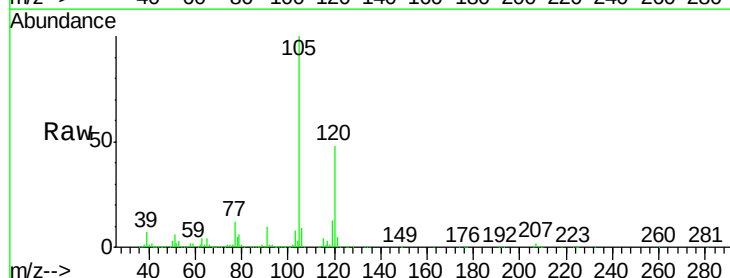
Acq: 06 Jul 2020 11:22

Tgt Ion: 105 Resp: 370038

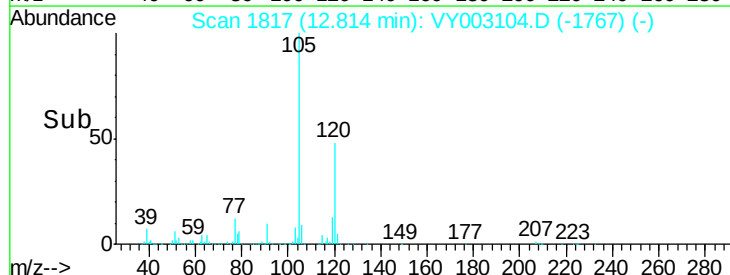
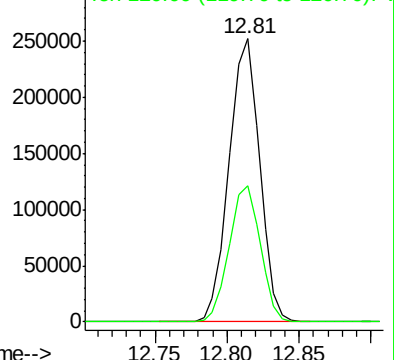
Ion Ratio Lower Upper

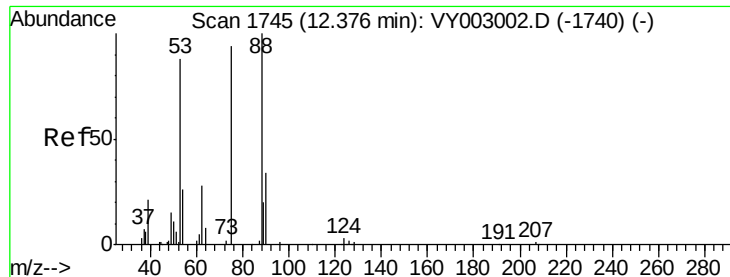
105 100

120 49.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003104.D (-1767) (-)





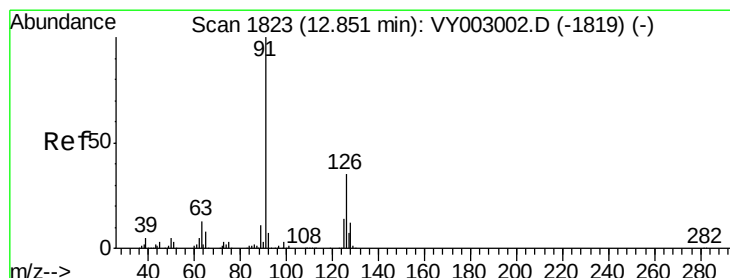
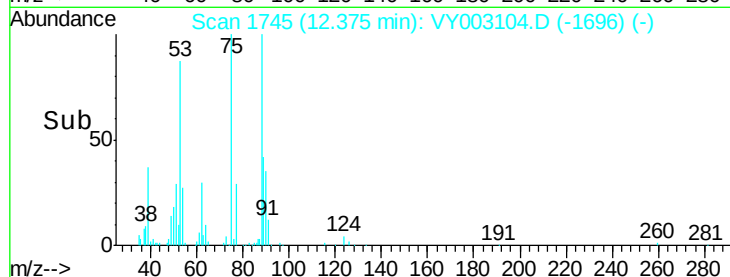
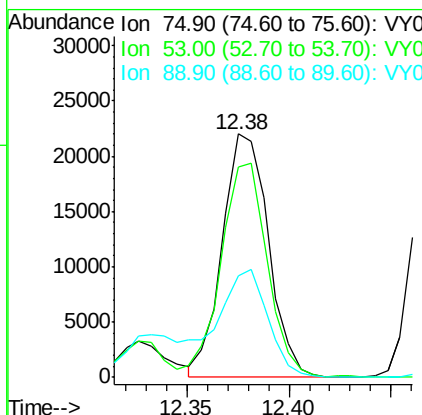
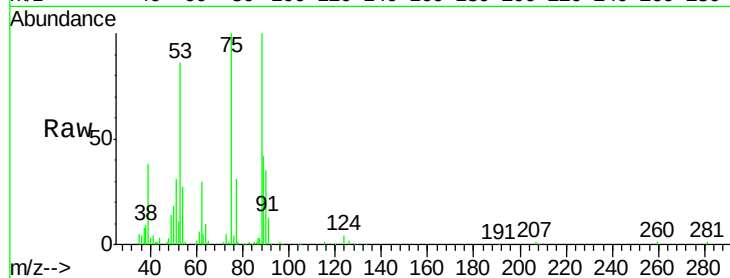
#81
trans-1,4-Dichloro-2-butene
Concen: 21.534 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.2	73.9	110.9
89	48.0	37.5	56.3

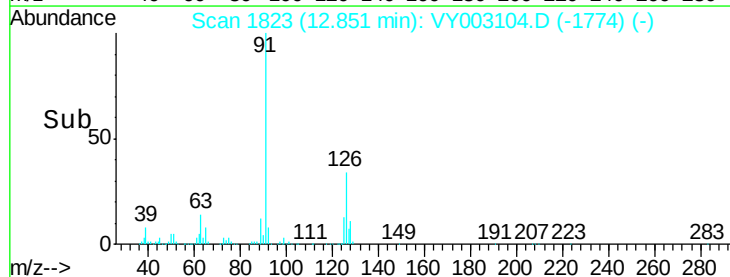
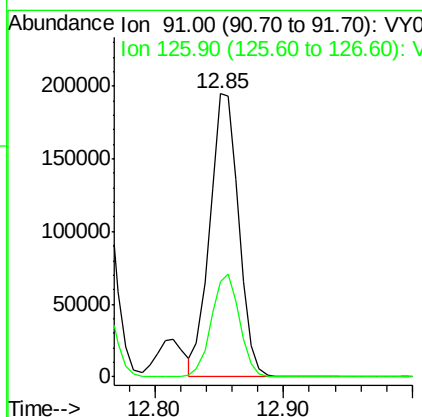
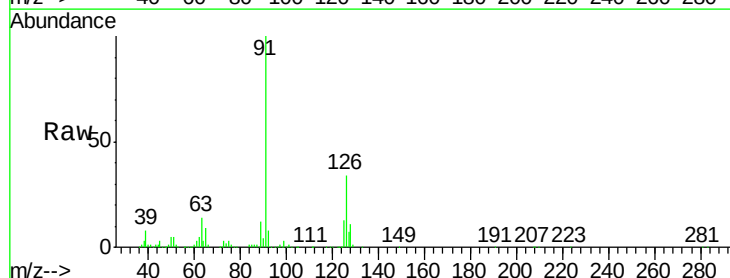
Manual Integrations
APPROVED

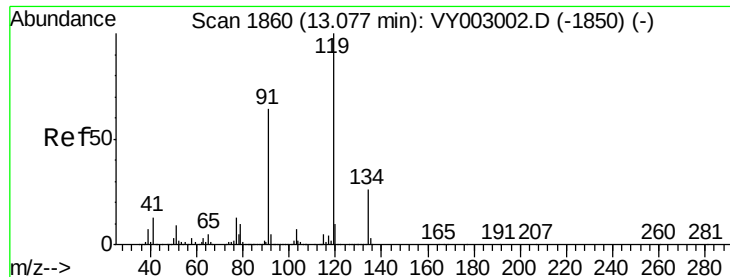
MMDadoda
7/7/2020 11:12:00 AM



#82
4-Chlorotoluene
Concen: 21.336 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.4	52.3





#83

tert-Butylbenzene

Concen: 21.396 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

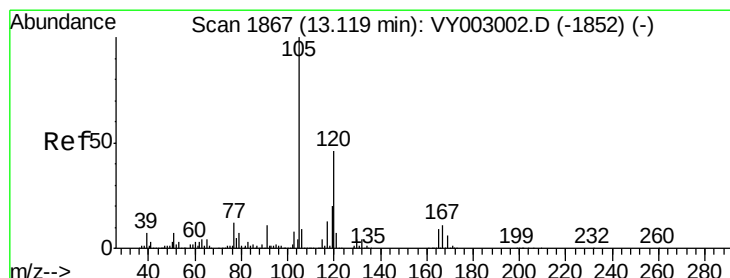
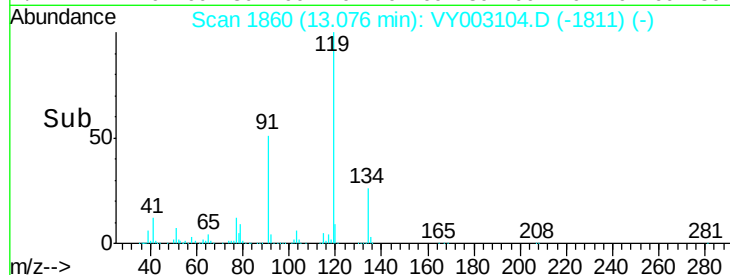
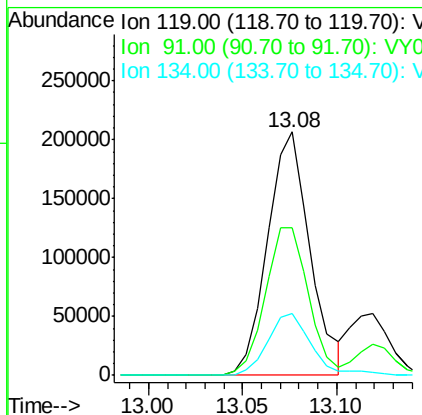
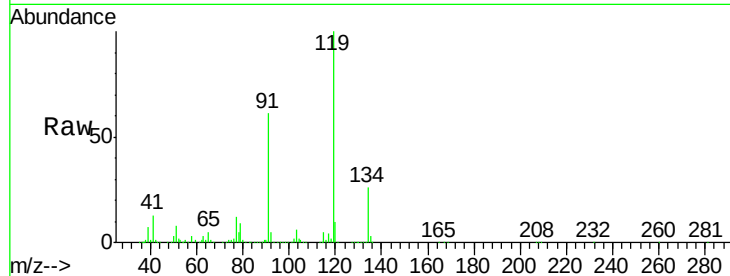
ClientSampleId :

VY0706SBS01

Tot Ion:	119	Resp:	322977
Ion Ratio	Lower	Upper	
119	100		
91	61.5	31.6	95.0
134	26.7	13.2	39.5

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:00 AM



#84

1,2,4-Trimethylbenzene

Concen: 21.665 ug/l

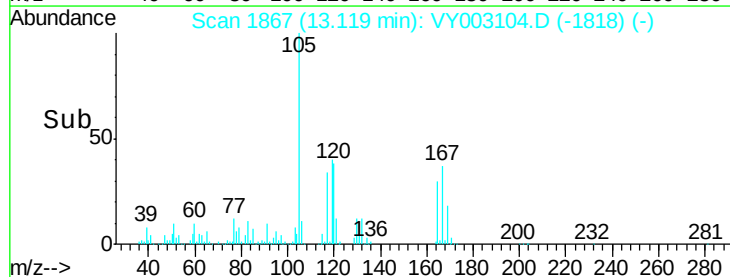
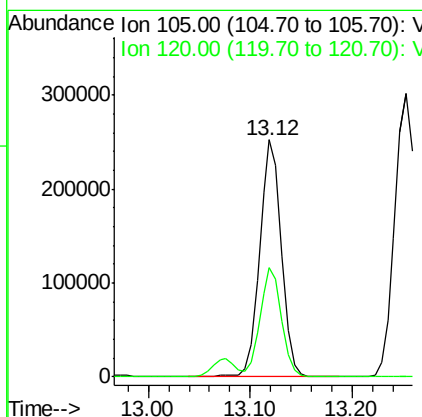
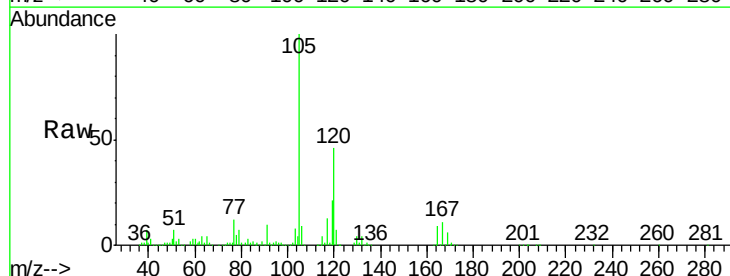
RT: 13.12 min Scan# 1867

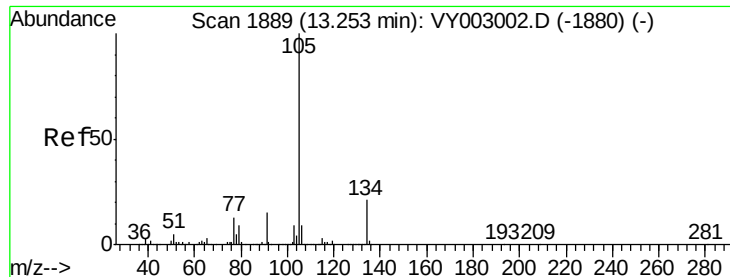
Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Tgt Ion:	105	Resp:	375297
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 21.575 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion:105 Resp: 448888

Ion Ratio Lower Upper

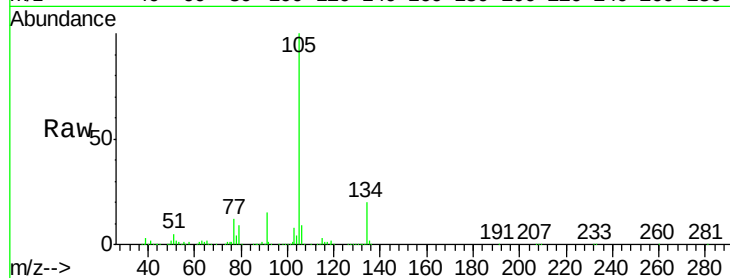
105 100

134 20.6 10.4 31.2

Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

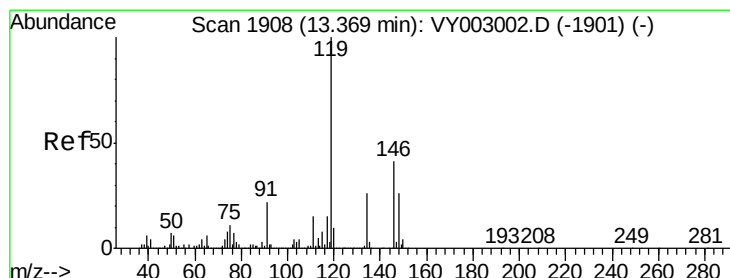
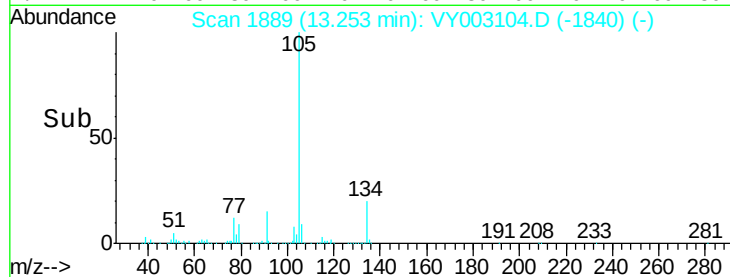
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.605 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003104.D

Acq: 06 Jul 2020 11:22

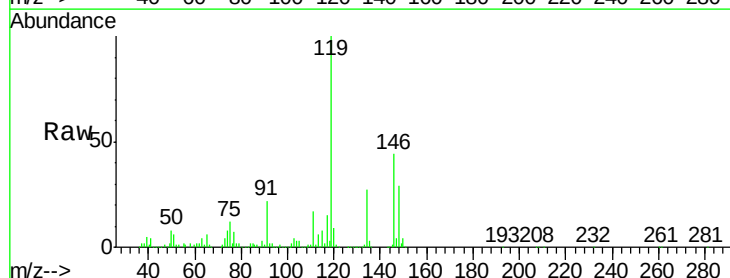
Tgt Ion:119 Resp: 416532

Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.4

91 22.2 11.5 34.5



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

400000

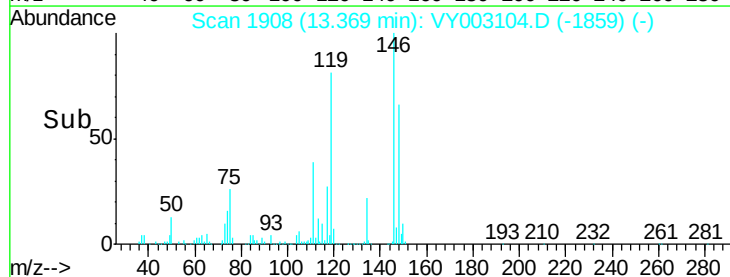
300000

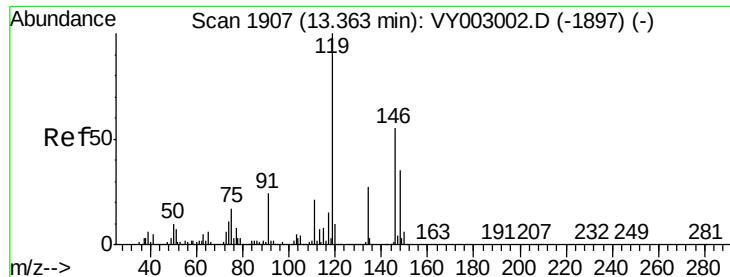
200000

100000

0

Time-->





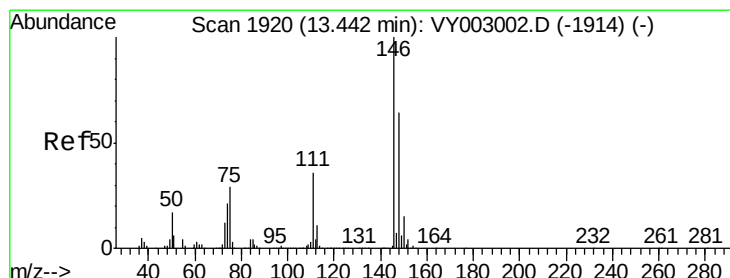
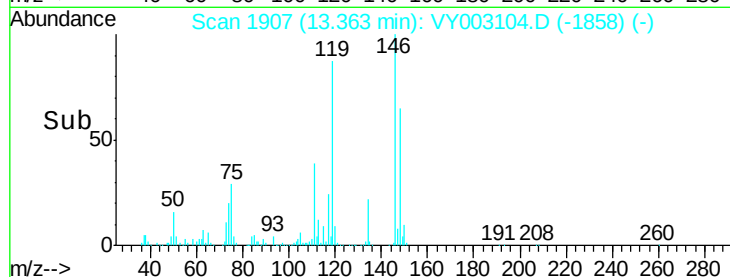
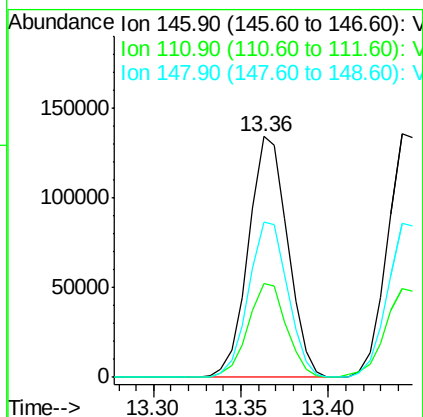
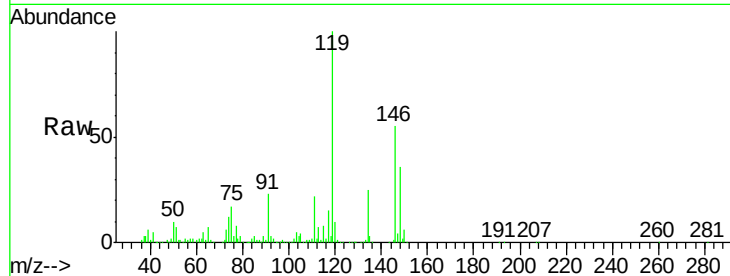
#87
 1,3-Dichlorobenzene
 Concen: 21.343 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	209304		
111	38.3		18.8	56.3
148	64.5		31.8	95.3

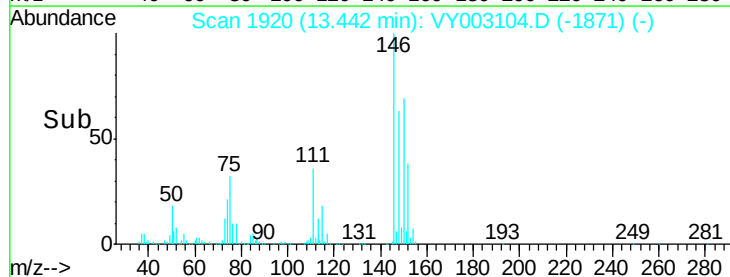
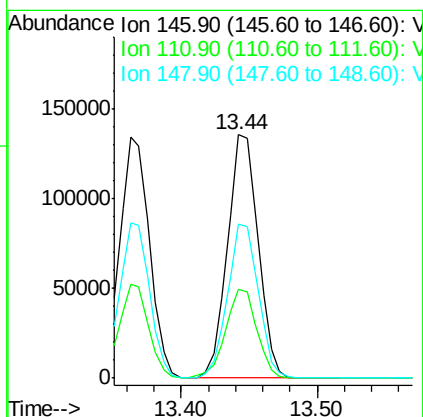
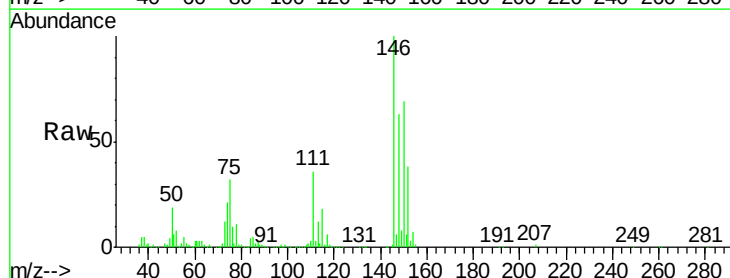
Manual Integrations
 APPROVED

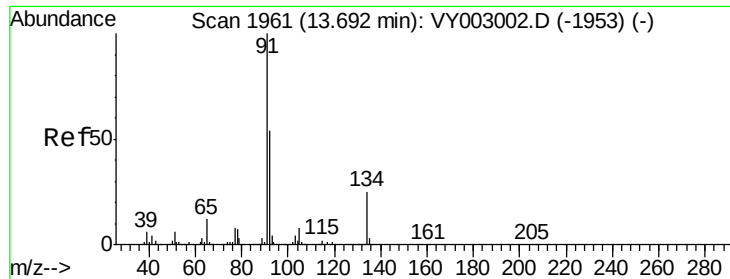
MMDadoda
 7/7/2020 11:12:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 22.083 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	213544		
111	37.0		18.4	55.4
148	63.5		32.3	96.9





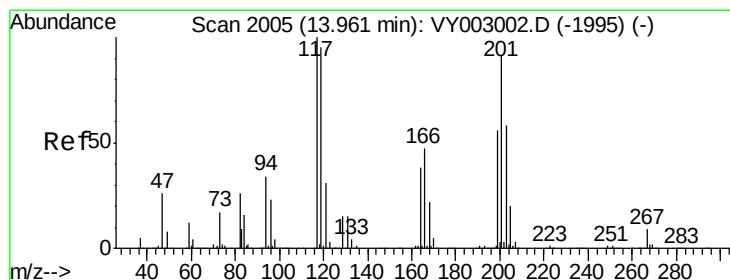
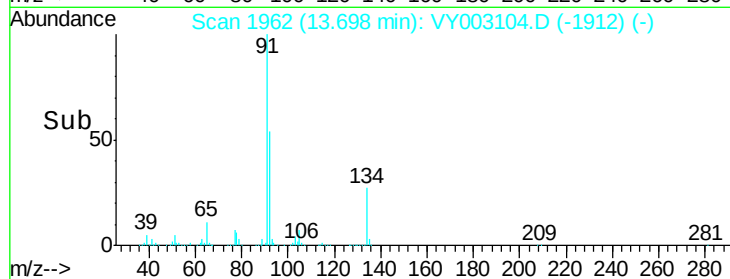
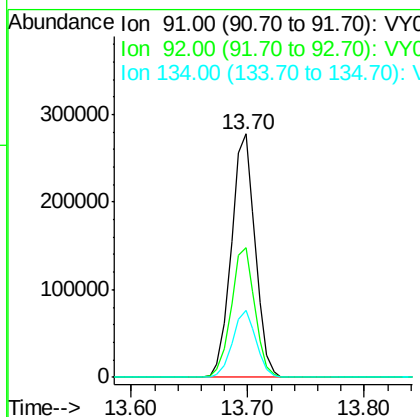
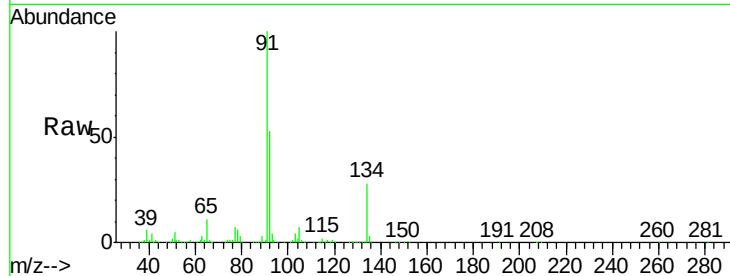
#89
n-Butylbenzene
Concen: 21.394 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.8	26.8	80.3	
134	27.1	13.1	39.1	

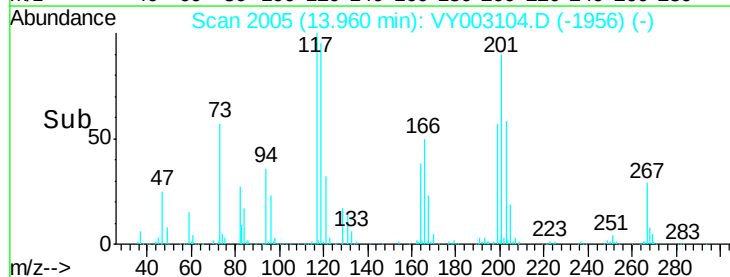
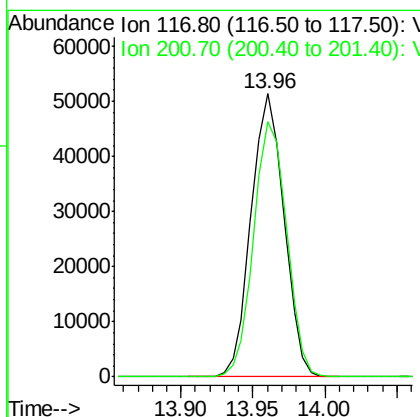
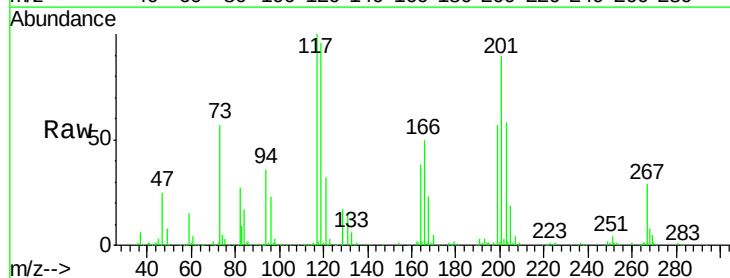
Manual Integrations
APPROVED

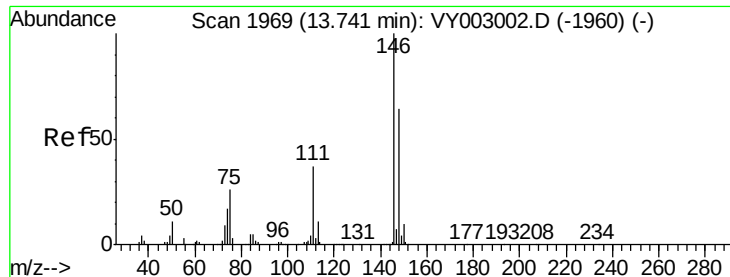
MMDadoda
7/7/2020 11:12:00 AM



#90
Hexachloroethane
Concen: 21.196 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	90.4	45.5	136.4	





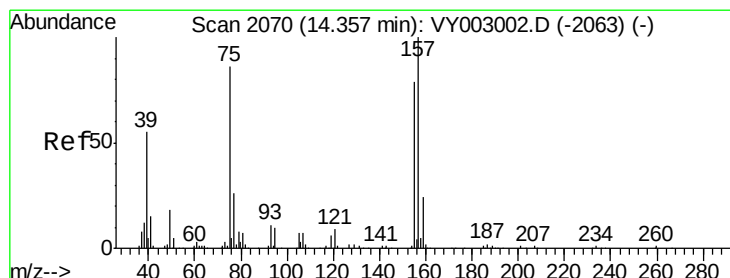
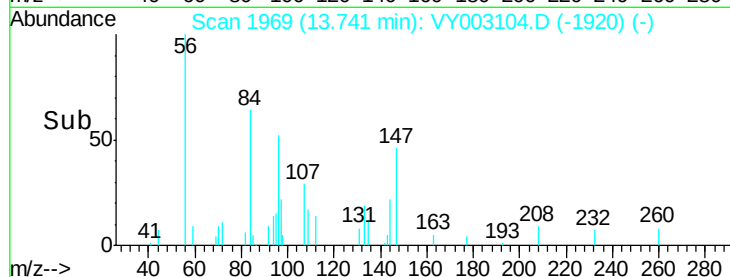
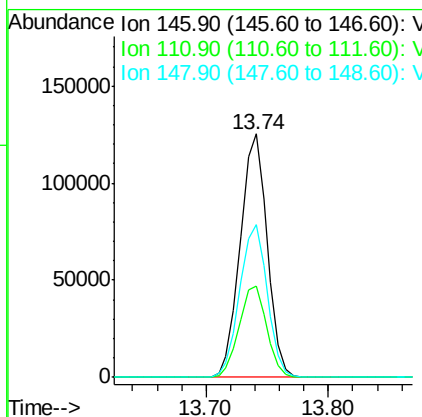
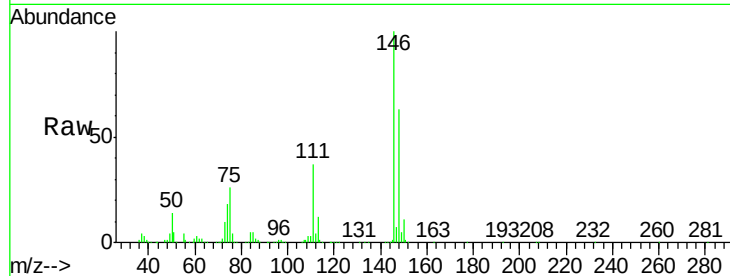
#91
 1,2-Dichlorobenzene
 Concen: 21.702 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.1	31.8	95.3

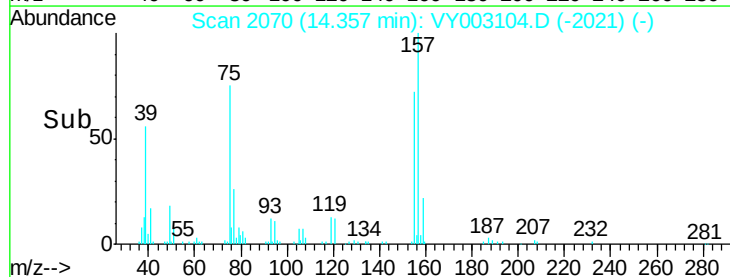
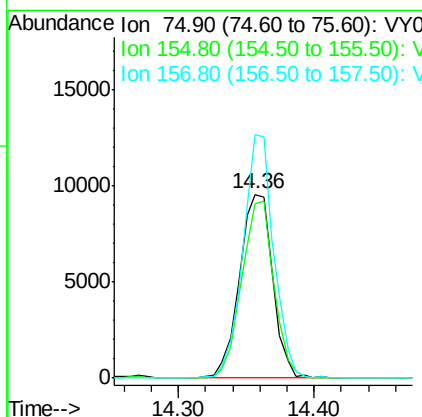
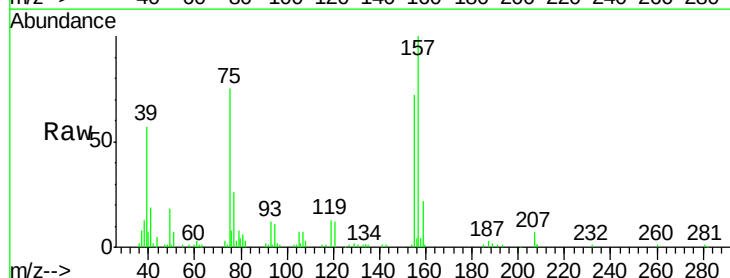
Manual Integrations
 APPROVED

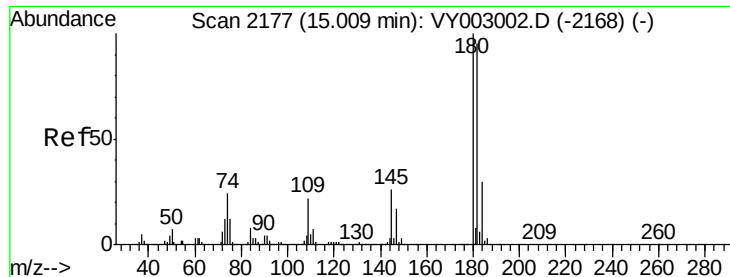
MMDadoda
 7/7/2020 11:12:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.325 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	46.5	139.3
157	122.6	59.2	177.5





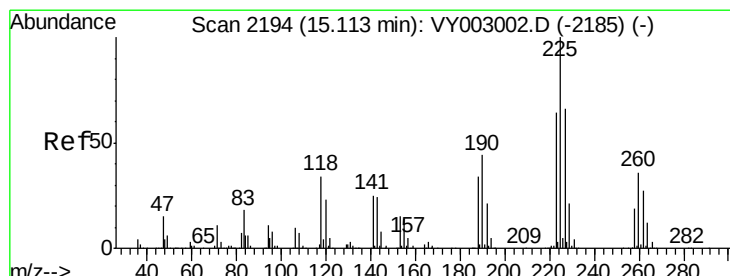
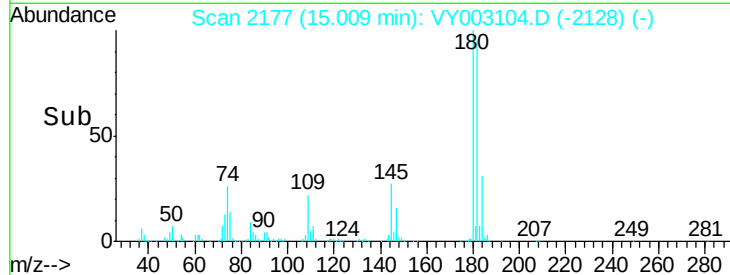
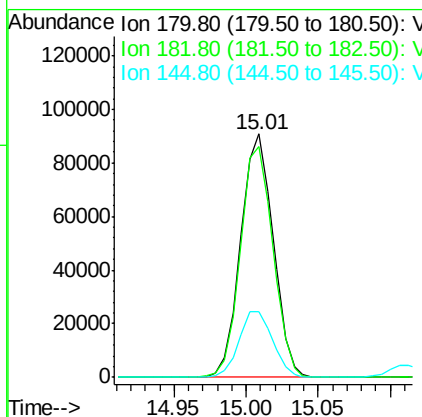
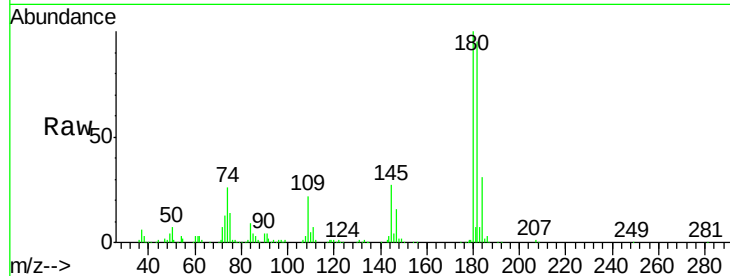
#93
 1,2,4-Trichlorobenzene
 Concen: 21.701 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141877		
182	95.1	48.1	144.3	
145	28.2	13.9	41.6	

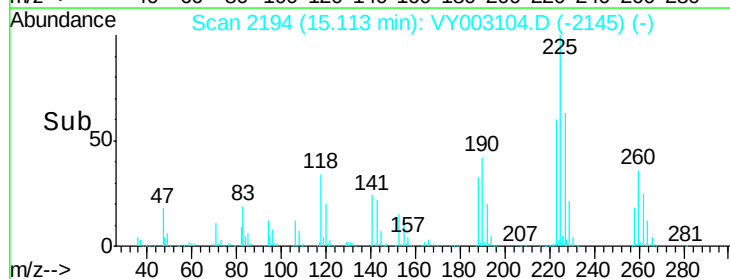
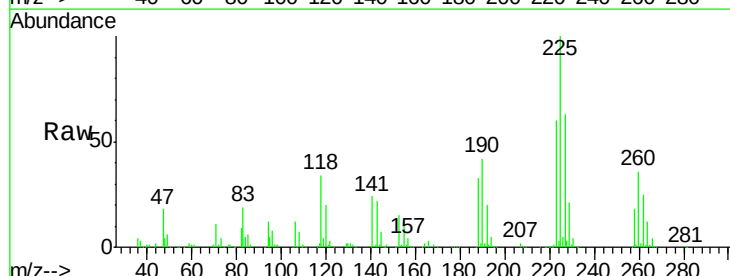
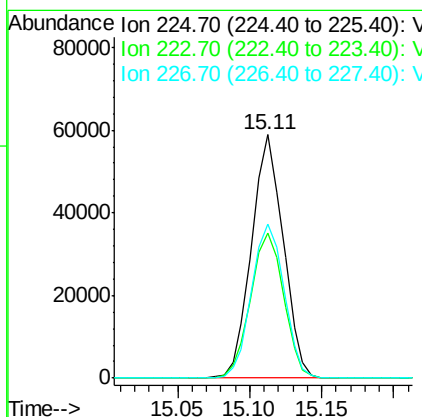
Manual Integrations
 APPROVED

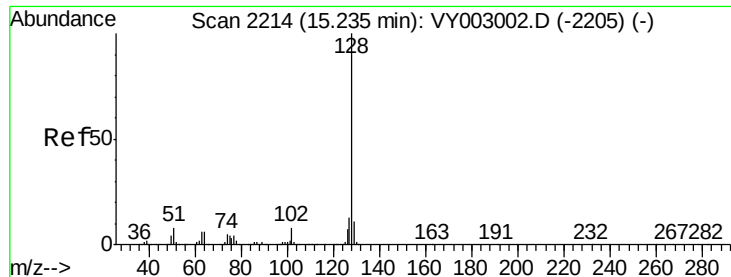
MMDadoda
 7/7/2020 11:12:00 AM



#94
 Hexachlorobutadiene
 Concen: 21.789 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003104.D
 Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89855		
223	62.2	32.4	97.0	
227	65.1	32.4	97.2	





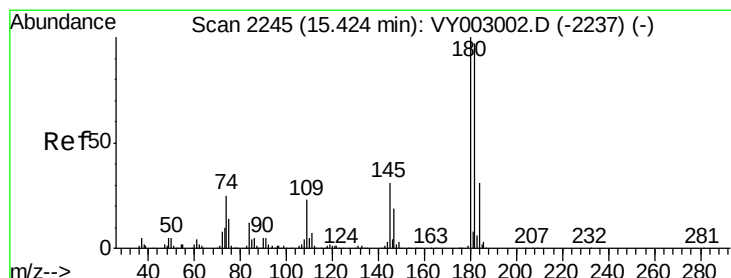
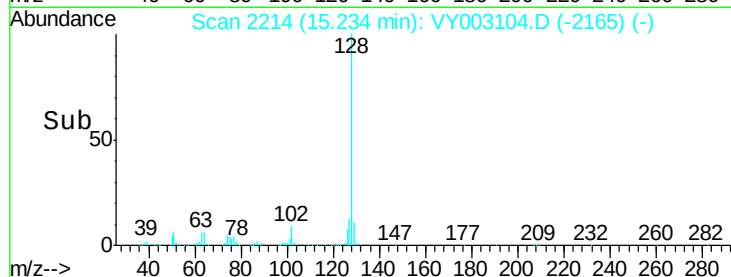
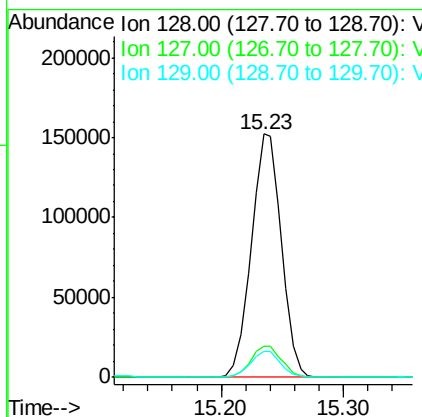
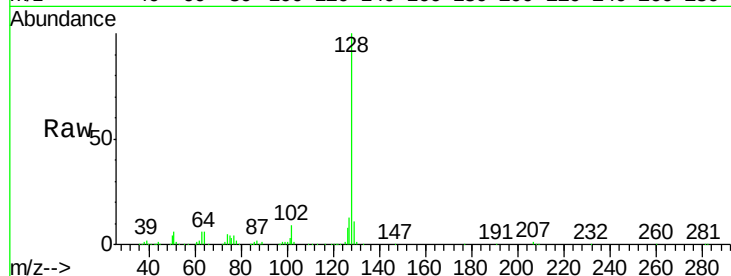
#95
Naphthalene
Concen: 21.786 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.2	10.8	16.2
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.685 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003104.D
Acq: 06 Jul 2020 11:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	47.8	143.3
145	29.7	14.7	44.1

