

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003053.D
 Acq On : 01 Jul 2020 12:51
 Operator : SY/MD
 Sample : VY0701SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Manual Integrations
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 7/2/2020 4:48:47 PM

Quant Time: Jul 01 20:06:39 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	435299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	643709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	584649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	312036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	222110	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	7.72	113	215620	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.18	98	801690	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.48	95	277490	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	67781	20.561	ug/l	100
3) Chloromethane	2.12	50	88727	18.379	ug/l	99
4) Vinyl Chloride	2.26	62	98902	21.003	ug/l	99
5) Bromomethane	2.64	94	73063	22.852	ug/l	96
6) Chloroethane	2.79	64	66163	22.087	ug/l #	87
7) Trichlorofluoromethane	3.13	101	144882	21.799	ug/l	98
8) Diethyl Ether	3.54	74	46967	20.613	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	87587	22.071	ug/l	100
10) Methyl Iodide	4.10	142	103796	21.093	ug/l	99
11) Tert butyl alcohol	4.96	59	52477	119.102	ug/l	97
12) 1,1-Dichloroethene	3.88	96	83040	21.992	ug/l	97
13) Acrolein	3.74	56	39346	99.427	ug/l	99
14) Allyl chloride	4.49	41	129140	19.589	ug/l	98
15) Acrylonitrile	5.18	53	122443	104.270	ug/l	99
16) Acetone	3.96	43	105003	102.978	ug/l	100
17) Carbon Disulfide	4.20	76	254376	21.085	ug/l	99
18) Methyl Acetate	4.48	43	54872	19.974	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	238240	21.646	ug/l	98
20) Methylene Chloride	4.72	84	120042	22.556	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	92084	21.560	ug/l	93
22) Diisopropyl ether	6.13	45	282278	19.977	ug/l	98
23) Vinyl Acetate	6.07	43	952588	100.837	ug/l	98
24) 1,1-Dichloroethane	6.03	63	163228	21.147	ug/l	99
25) 2-Butanone	6.99	43	169544	104.674	ug/l	99
26) 2,2-Dichloropropane	6.99	77	151662	21.627	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	104293	21.771	ug/l	97
28) Bromochloromethane	7.34	49	64290	18.720	ug/l	93
29) Tetrahydrofuran	7.35	42	110313	102.414	ug/l	97
30) Chloroform	7.52	83	163783	21.419	ug/l	99
31) Cyclohexane	7.79	56	153800	20.227	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	146031	20.922	ug/l	98
36) 1,1-Dichloropropene	7.93	75	129645	20.909	ug/l	99
37) Ethyl Acetate	7.08	43	77471	20.781	ug/l	99
38) Carbon Tetrachloride	7.91	117	137418	21.301	ug/l	97

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Quant Time: Jul 01 20:06:39 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)
39) Methylcyclohexane	9.19	83	165782	21.565	ug/l	95
40) Benzene	8.16	78	360676	21.247	ug/l	98
41) Methacrylonitrile	7.33	41	44002m	22.095	ug/l	
42) 1,2-Dichloroethane	8.24	62	115451	21.499	ug/l	99
43) Isopropyl Acetate	8.28	43	142686	20.133	ug/l	97
44) Trichloroethene	8.94	130	106964	21.679	ug/l	97
45) 1,2-Dichloropropane	9.22	63	95460	20.902	ug/l	99
46) Dibromomethane	9.31	93	53173	20.846	ug/l	98
47) Bromodichloromethane	9.50	83	130263	20.856	ug/l	99
48) Methyl methacrylate	9.30	41	63381	19.647	ug/l	96
49) 1,4-Dioxane	9.30	88	13338	428.370	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	390595	106.630	ug/l	99
52) Toluene	10.24	92	229413	21.469	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	138080	21.087	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	158171	21.121	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	77130	21.761	ug/l	97
56) Ethyl methacrylate	10.51	69	106189	20.696	ug/l	96
57) 1,3-Dichloropropane	10.79	76	130001	20.893	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	239898	91.166	ug/l	99
59) 2-Hexanone	10.83	43	269347	105.199	ug/l	98
60) Dibromochloromethane	10.99	129	97756	21.551	ug/l	99
61) 1,2-Dibromoethane	11.09	107	75725	21.671	ug/l	98
64) Tetrachloroethene	10.72	164	107969	21.820	ug/l	99
65) Chlorobenzene	11.52	112	253668	22.004	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	96309	21.398	ug/l	99
67) Ethyl Benzene	11.59	91	456626	21.651	ug/l	99
68) m/p-Xylenes	11.70	106	339086	43.199	ug/l	100
69) o-Xylene	12.03	106	162912	22.025	ug/l	97
70) Styrene	12.05	104	277868	21.990	ug/l	98
71) Bromoform	12.21	173	66306	22.093	ug/l #	98
73) Isopropylbenzene	12.33	105	448421	21.958	ug/l	99
74) N-amyl acetate	12.14	43	133763	20.120	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	89535	21.726	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	68176m	22.076	ug/l	
77) Bromobenzene	12.61	156	112071	21.404	ug/l	96
78) n-propylbenzene	12.67	91	513400	20.904	ug/l	99
79) 2-Chlorotoluene	12.75	91	286194	20.877	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	374255	21.840	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31910	20.103	ug/l #	83
82) 4-Chlorotoluene	12.86	91	307067	21.514	ug/l	99
83) tert-Butylbenzene	13.08	119	318274	21.152	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	376082	21.780	ug/l	99
85) sec-Butylbenzene	13.25	105	442154	21.319	ug/l	99
86) p-Isopropyltoluene	13.37	119	406507	21.152	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	213192	21.809	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	216438	22.454	ug/l	98
89) n-Butylbenzene	13.70	91	395090	21.487	ug/l	99
90) Hexachloroethane	13.96	117	79313	20.783	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	194560	22.183	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16146	22.132	ug/l	99

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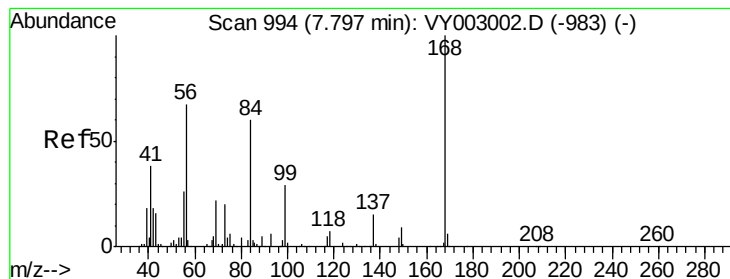
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	144050	22.103	ug/l	100
94) Hexachlorobutadiene	15.11	225	89750	21.833	ug/l	97
95) Naphthalene	15.23	128	265822	22.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	124698	22.035	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: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion:168 Resp: 435299

Ion Ratio Lower Upper

168 100

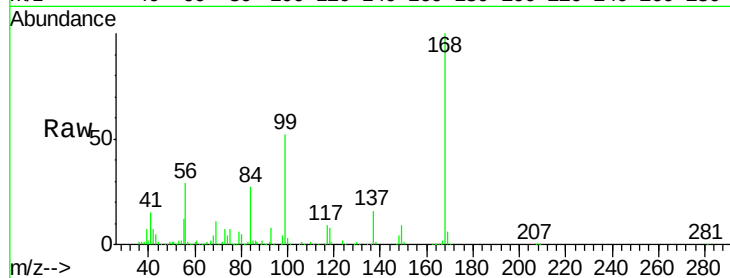
99 51.9 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

200000

150000

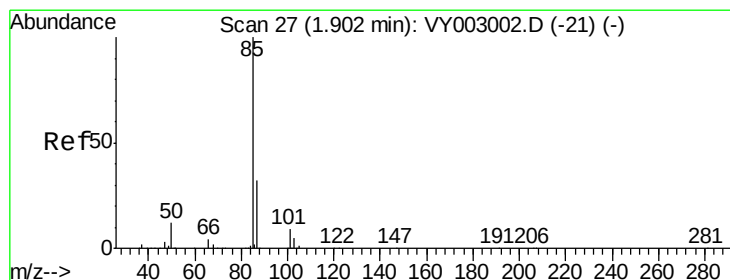
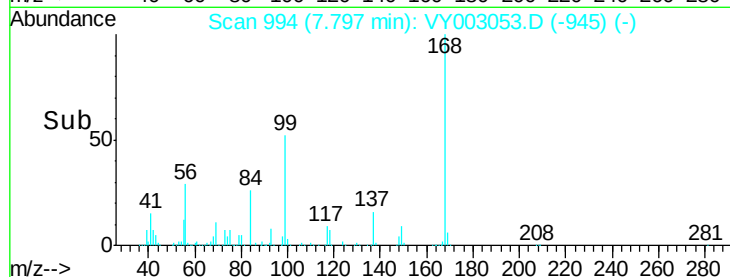
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.561 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003053.D

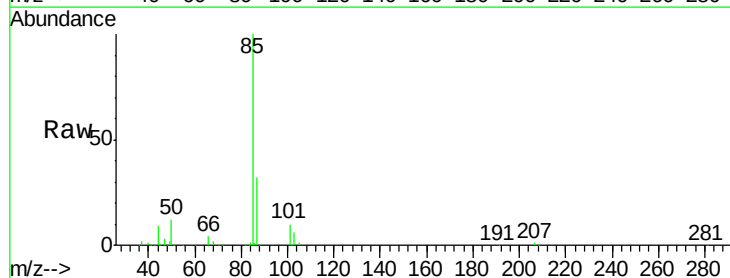
Acq: 01 Jul 2020 12:51

Tgt Ion: 85 Resp: 67781

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

1.91

50000

40000

30000

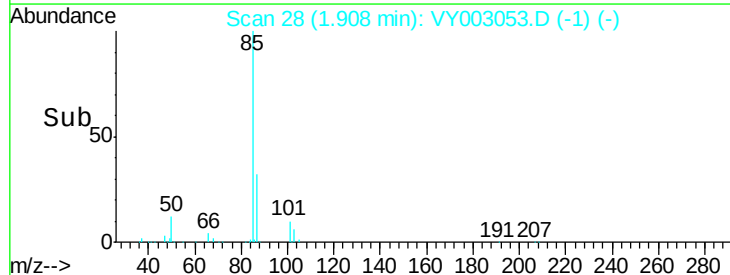
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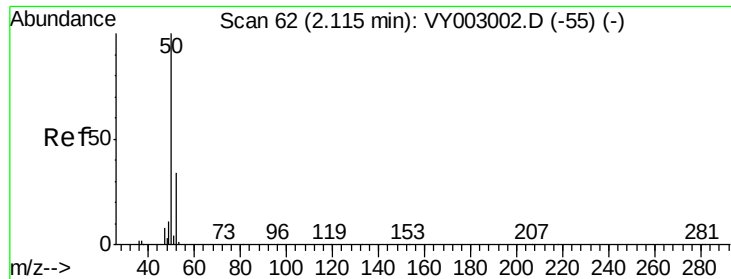
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.379 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion: 50 Resp: 88727

Ion Ratio Lower Upper

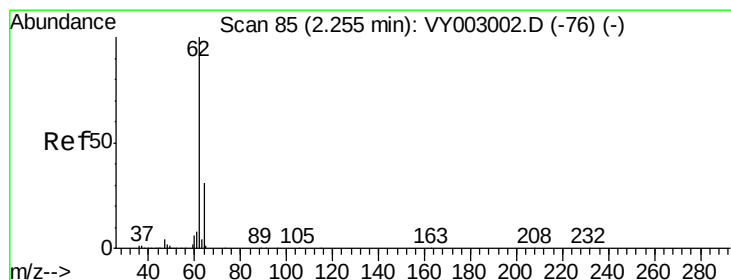
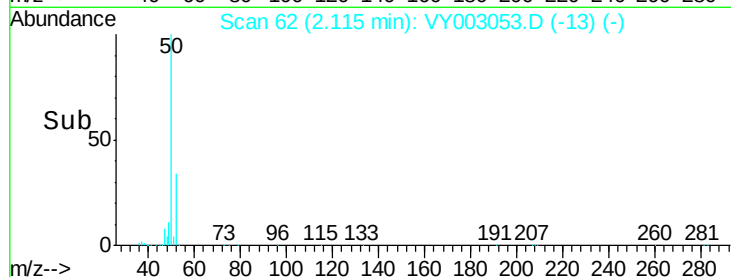
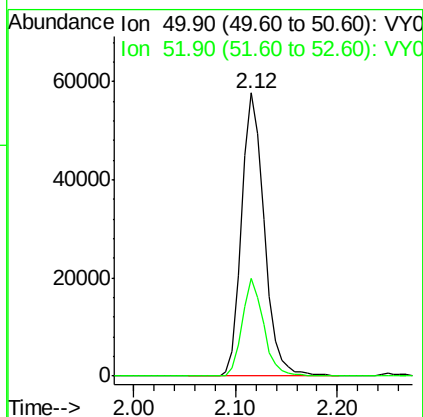
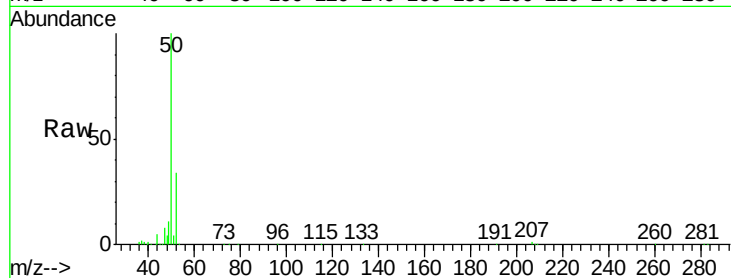
50 100

52 34.4 26.9 40.3

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#4

Vinyl Chloride

Concen: 21.003 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003053.D

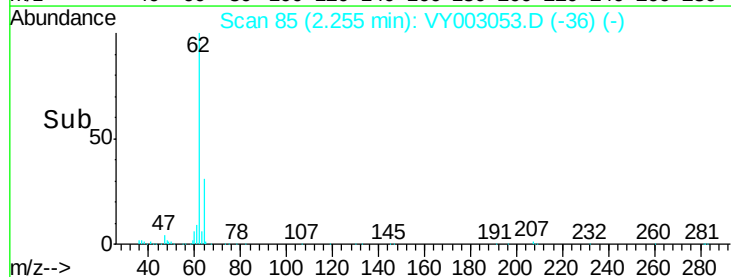
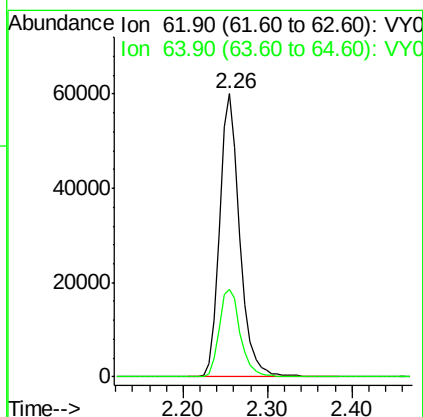
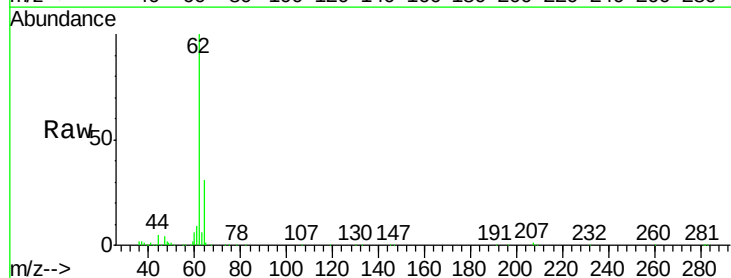
Acq: 01 Jul 2020 12:51

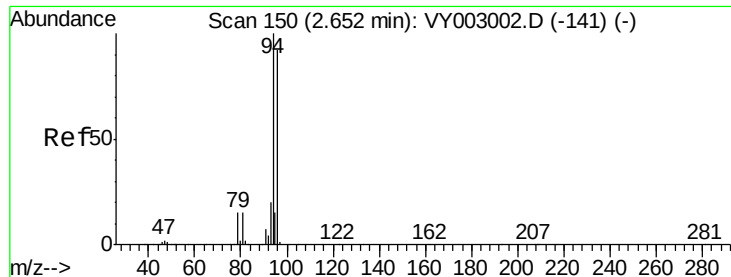
Tgt Ion: 62 Resp: 98902

Ion Ratio Lower Upper

62 100

64 31.1 24.4 36.6





#5

Bromomethane

Concen: 22.852 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion: 94 Resp: 73063

Ion Ratio Lower Upper

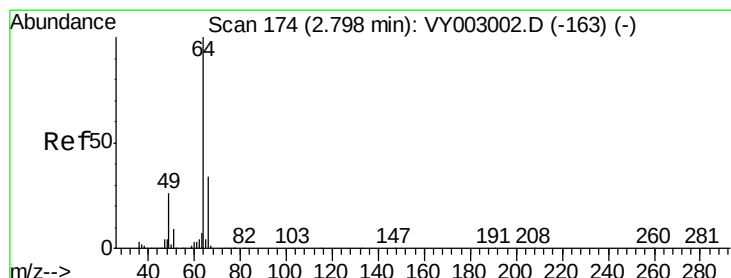
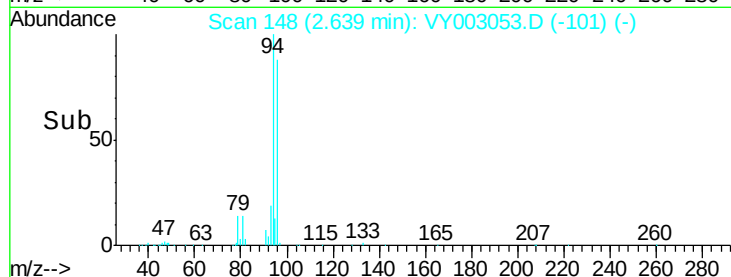
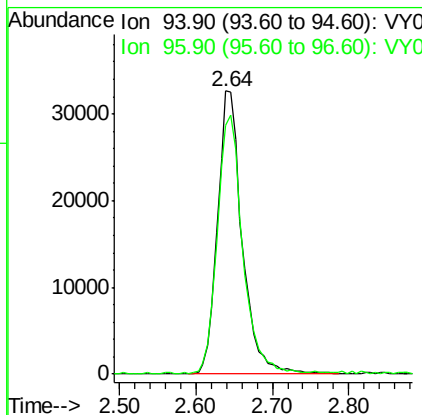
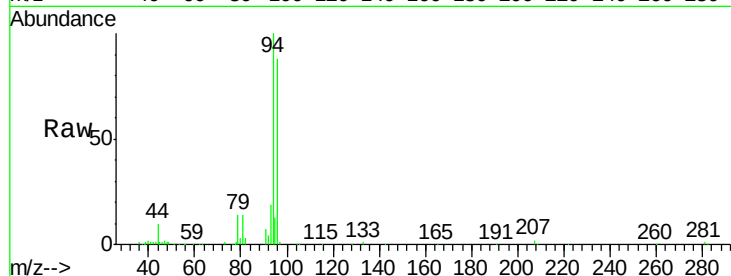
94 100

96 87.8 73.4 110.2

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#6

Chloroethane

Concen: 22.087 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003053.D

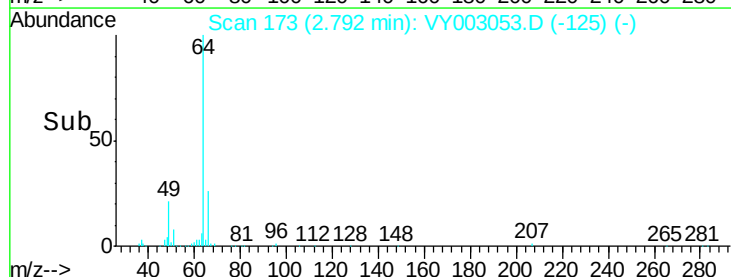
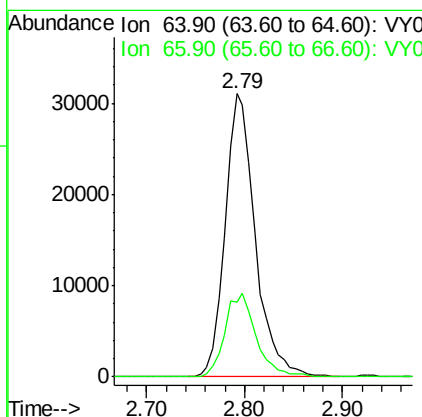
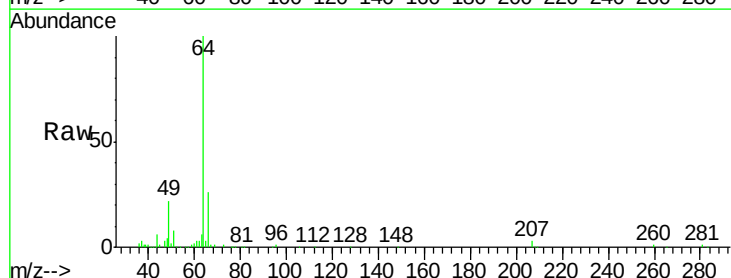
Acq: 01 Jul 2020 12:51

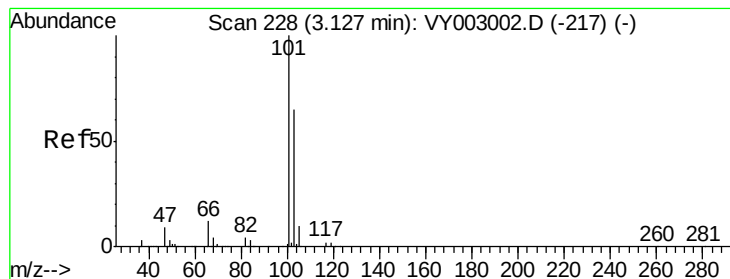
Tgt Ion: 64 Resp: 66163

Ion Ratio Lower Upper

64 100

66 26.4 27.0 40.4#





#7

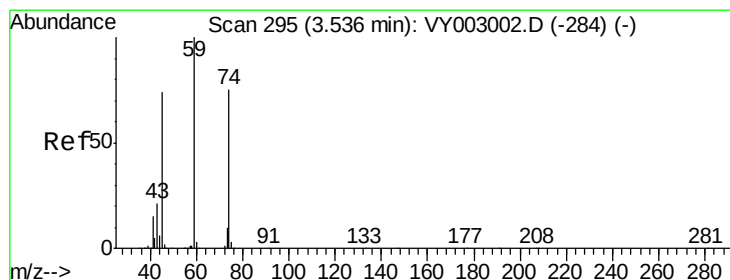
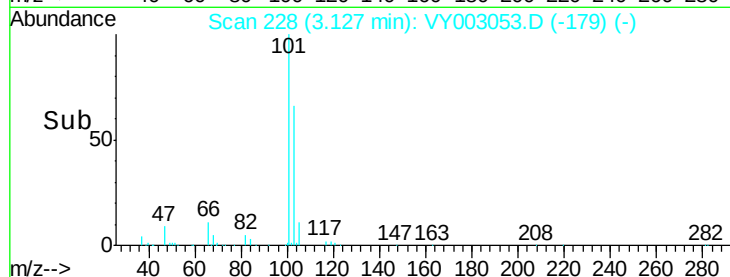
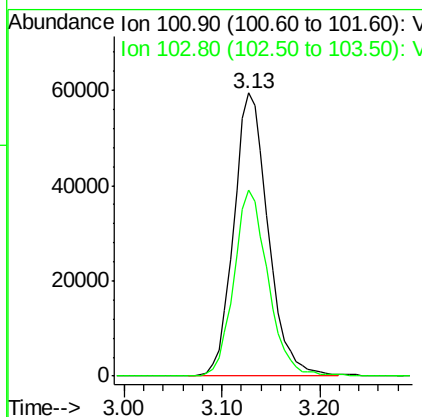
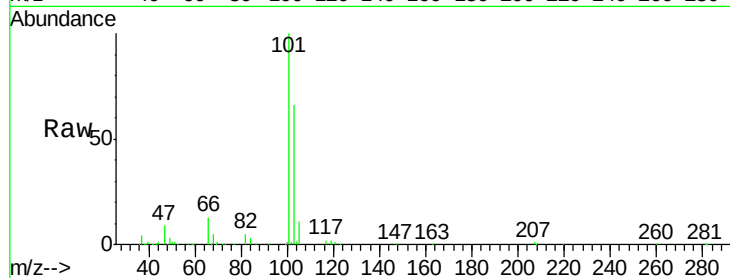
Trichlorofluoromethane
Concen: 21.799 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
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ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.6	77.4

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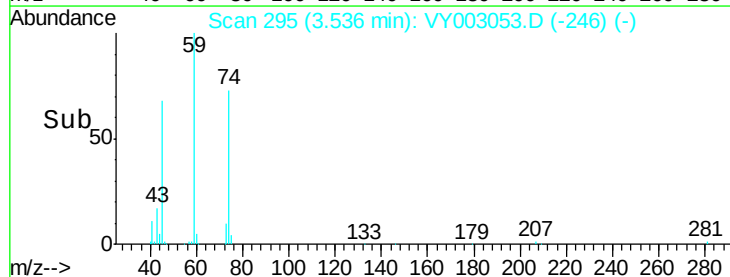
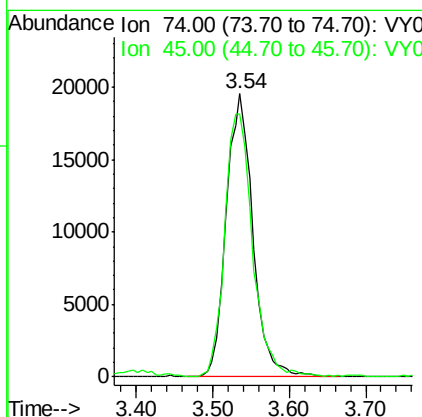
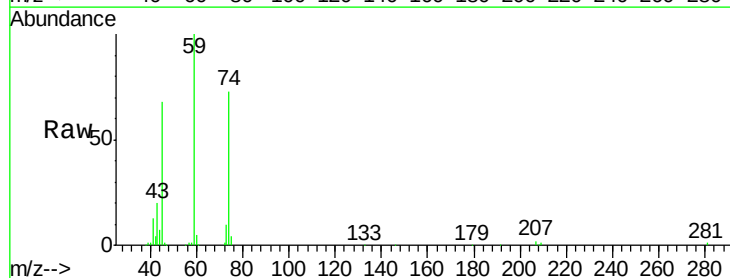
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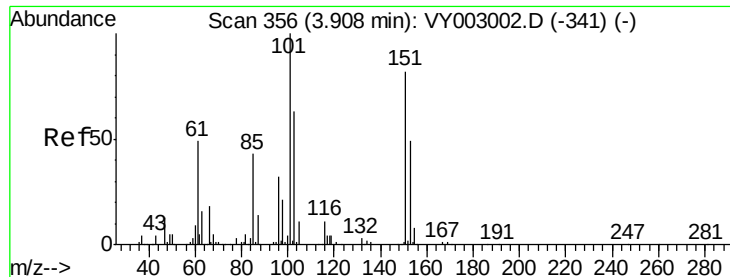


#8

Diethyl Ether
Concen: 20.613 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.071 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

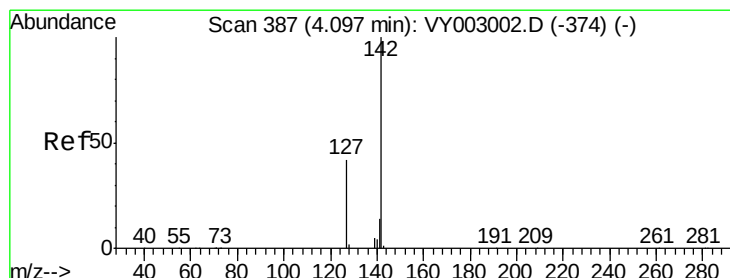
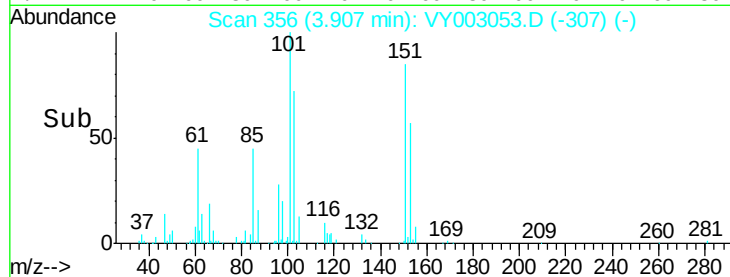
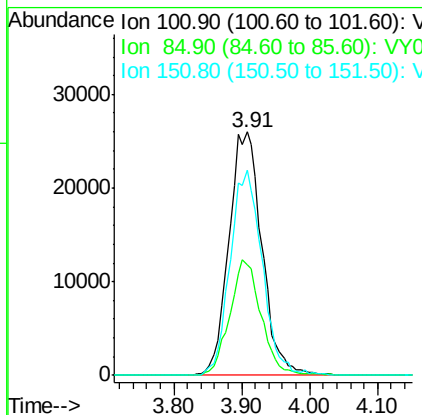
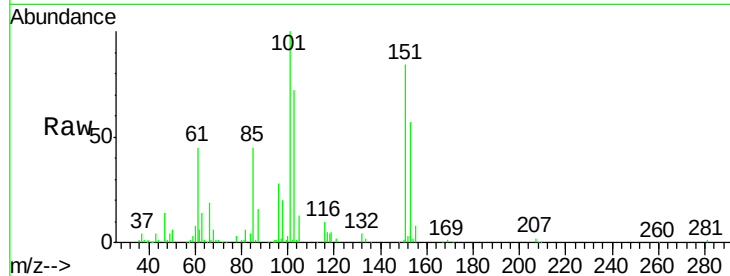
ClientSampleId :

VY0701SBS01

Tot Ion:	101	Resp:	87587
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.5	53.3
151	81.9	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 21.093 ug/l

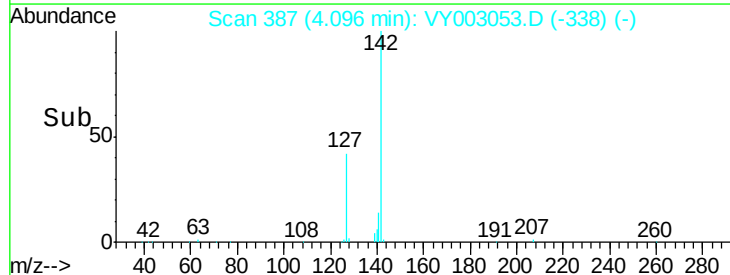
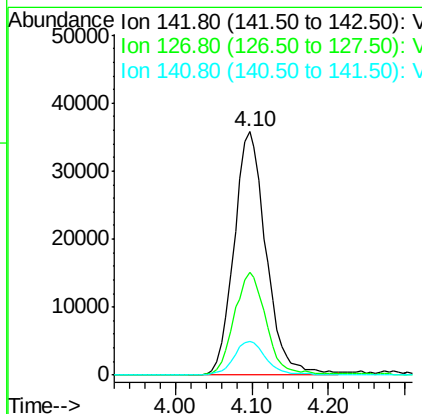
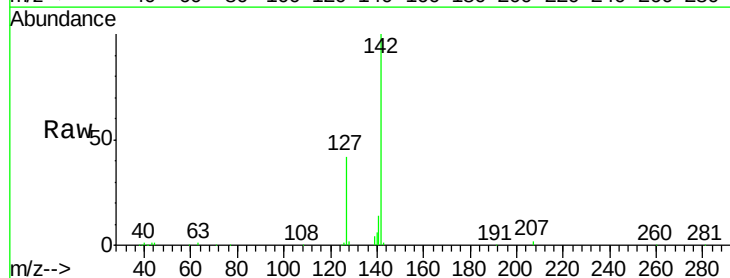
RT: 4.10 min Scan# 387

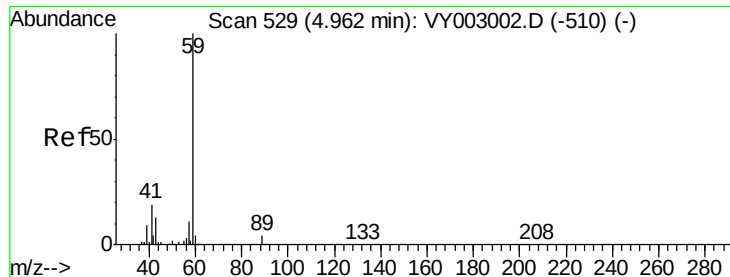
Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion:	142	Resp:	103796
Ion Ratio	Lower	Upper	
142	100		
127	42.1	34.2	51.2
141	13.9	11.7	17.5





#11

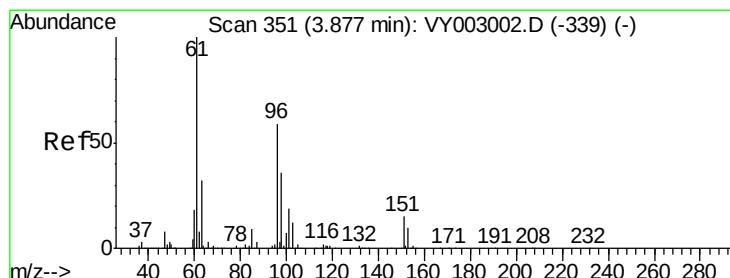
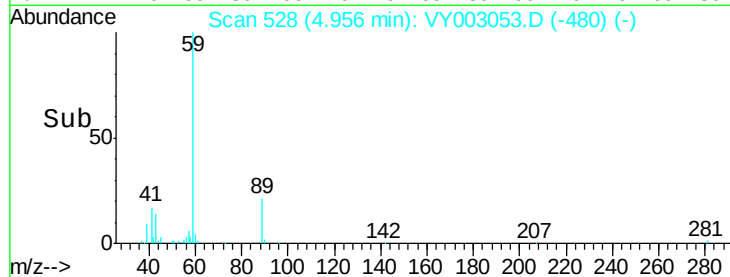
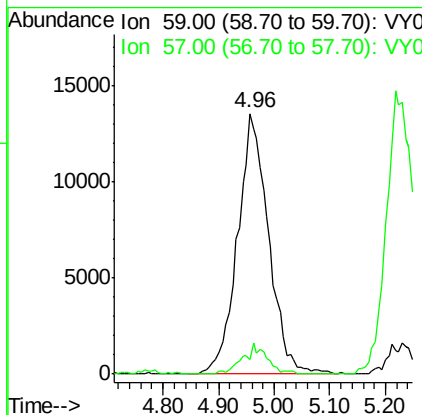
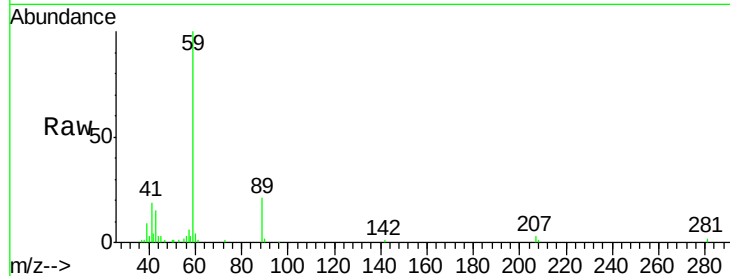
Tert butyl alcohol
 Concen: 119.102 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tot Ion	59	Resp	52477
Ion Ratio	100	Lower	Upper
57	8.9	8.0	12.0

Manual Integrations
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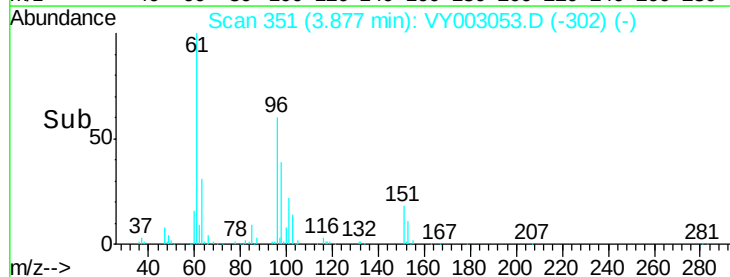
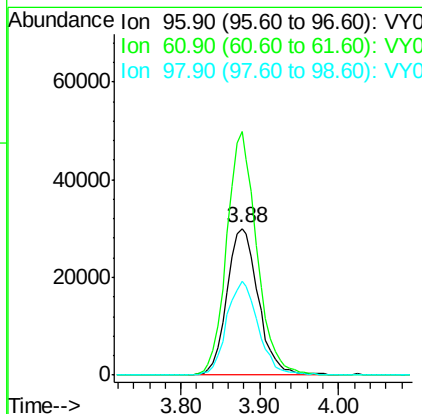
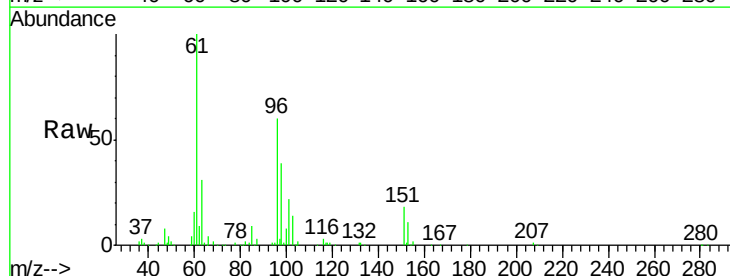
Sam
 7/2/2020 4:48:47 PM

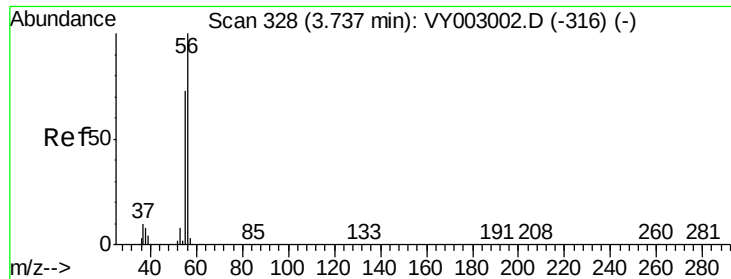


#12

1,1-Dichloroethene
 Concen: 21.992 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion	96	Resp	83040
Ion Ratio	100	Lower	Upper
61	166.3	136.7	205.1
98	64.2	49.7	74.5





#13

Acrolein

Concen: 99.427 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion: 56 Resp: 39346

Ion Ratio Lower Upper

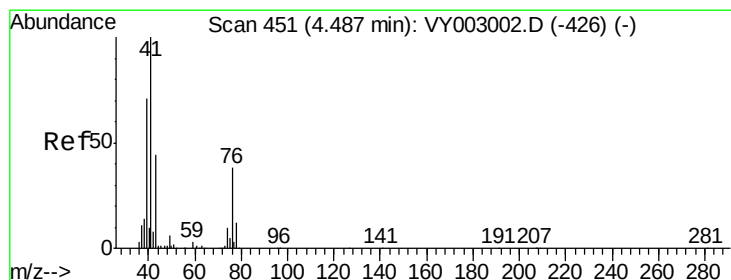
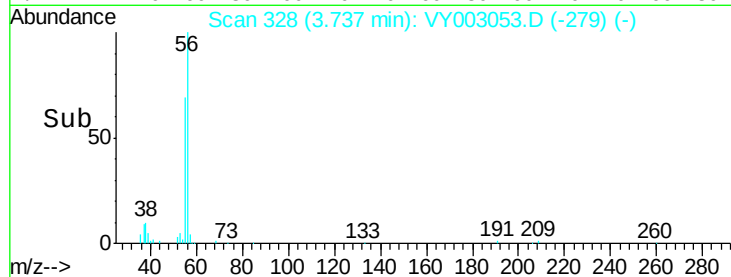
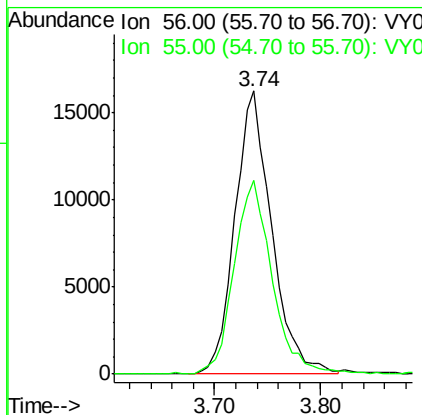
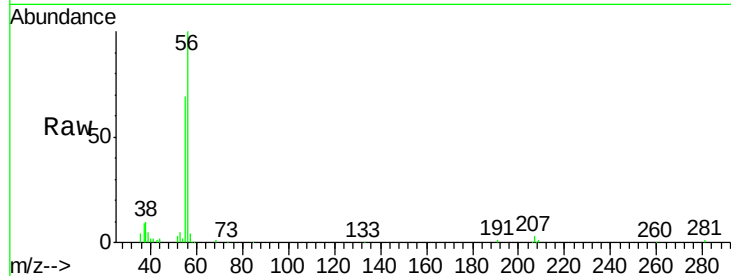
56 100

55 71.1 56.4 84.6

Manual Integrations
APPROVED

sam

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#14

Allyl chloride

Concen: 19.589 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

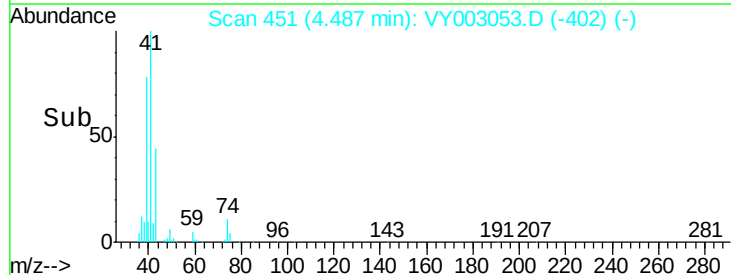
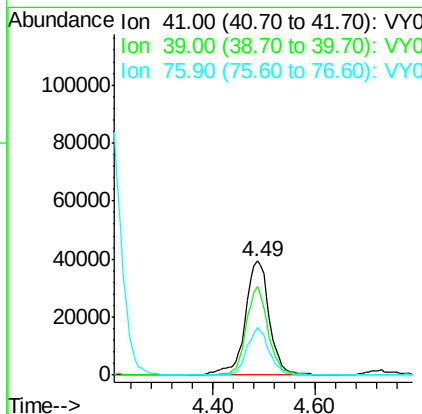
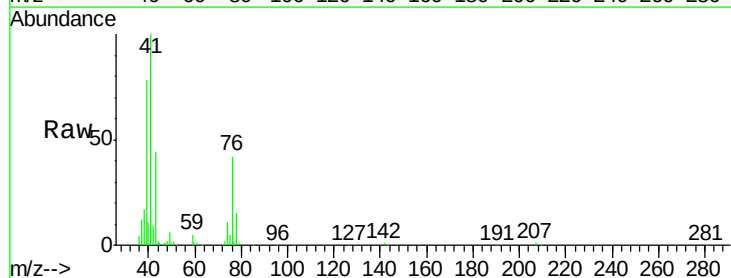
Tgt Ion: 41 Resp: 129140

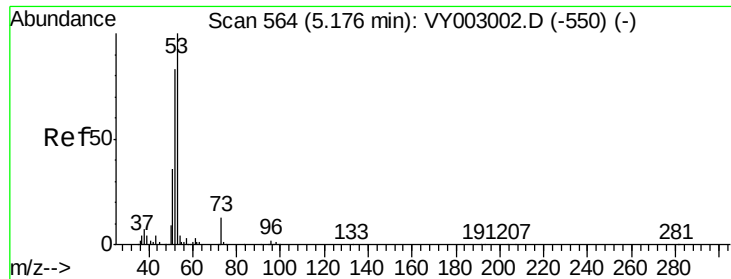
Ion Ratio Lower Upper

41 100

39 70.8 55.6 83.4

76 37.5 28.6 43.0





#15

Acrylonitrile

Concen: 104.270 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

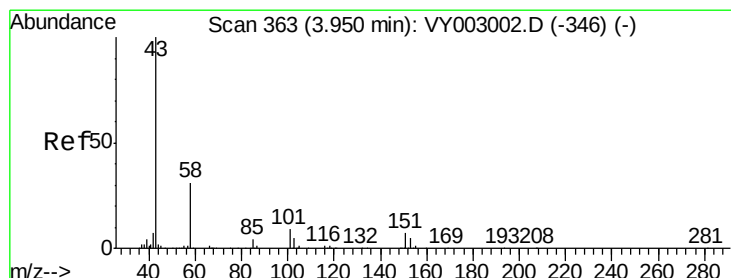
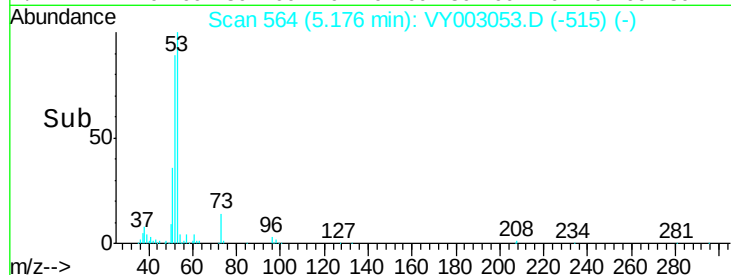
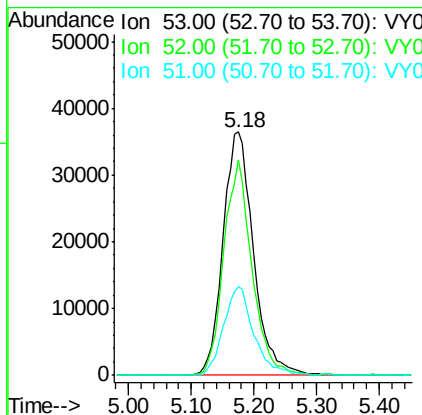
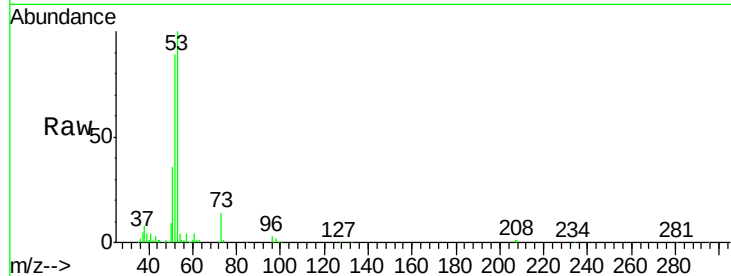
ClientSampleId :

VY0701SBS01

Tot Ion:	53	Resp:	122443
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.2	99.2
51	36.4	29.5	44.3

Manual Integrations
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sam
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#16

Acetone

Concen: 102.978 ug/l

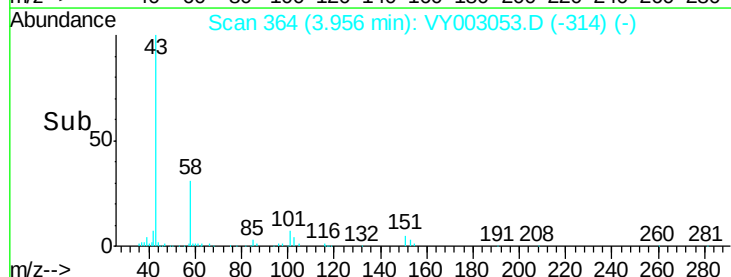
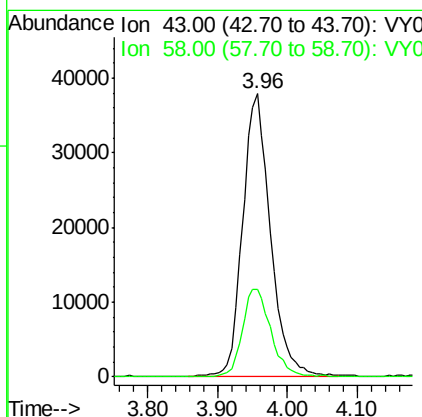
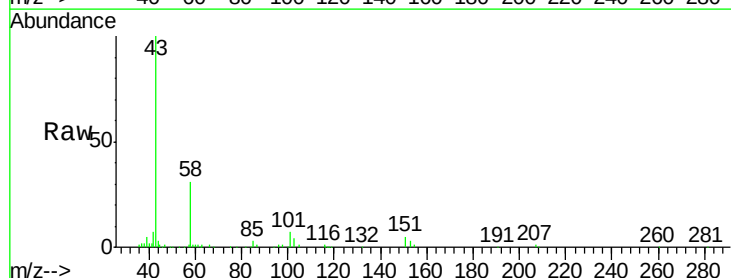
RT: 3.96 min Scan# 364

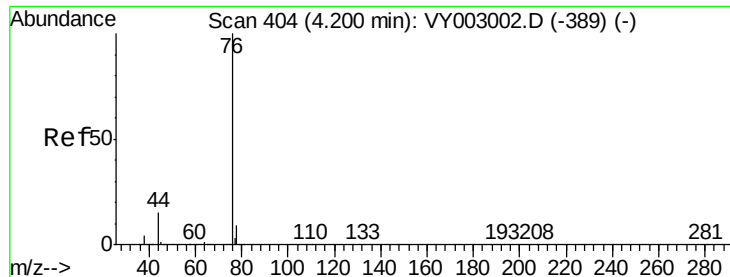
Delta R.T. 0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion:	43	Resp:	105003
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.7	37.1





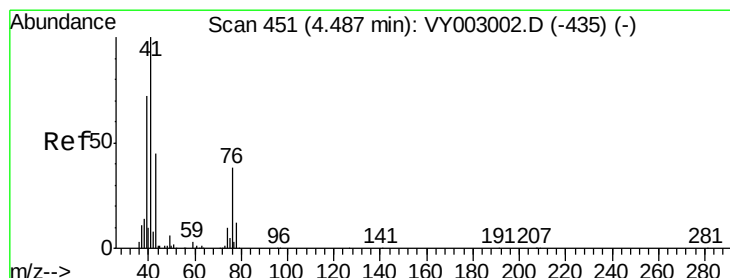
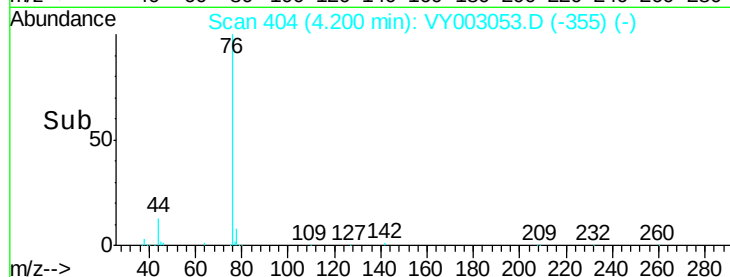
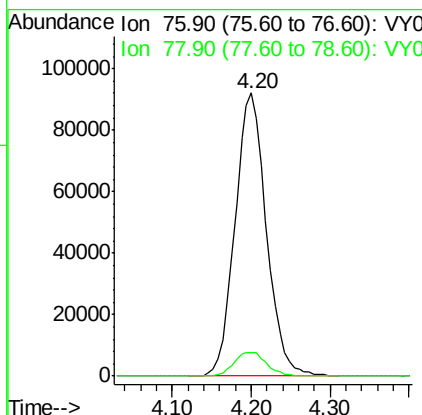
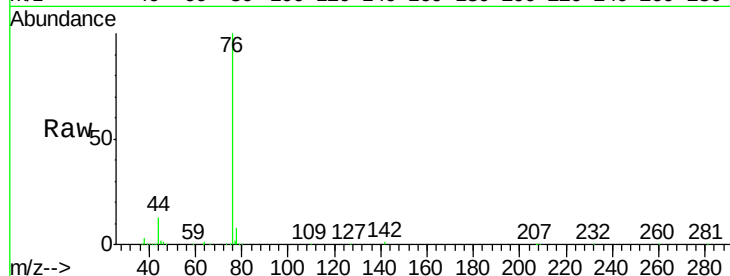
#17
Carbon Disulfide
Concen: 21.085 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.0	10.6

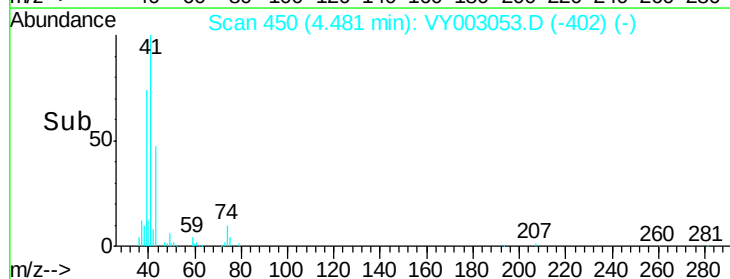
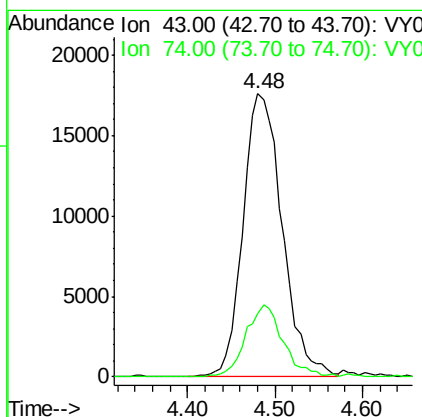
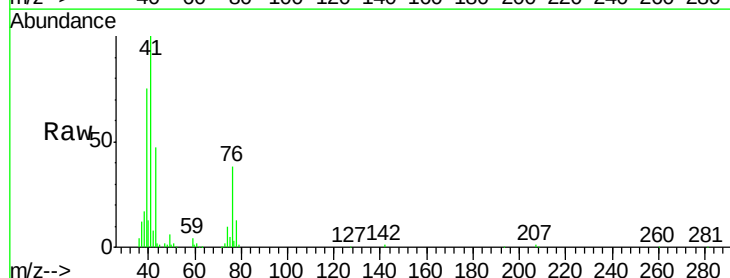
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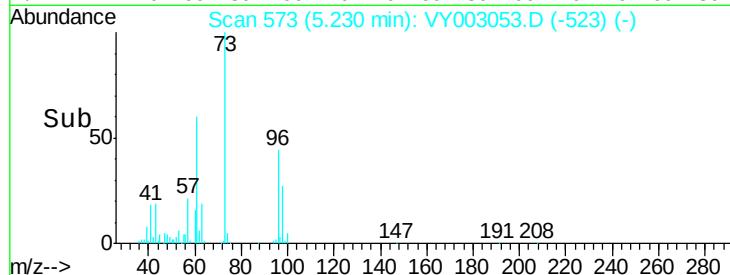
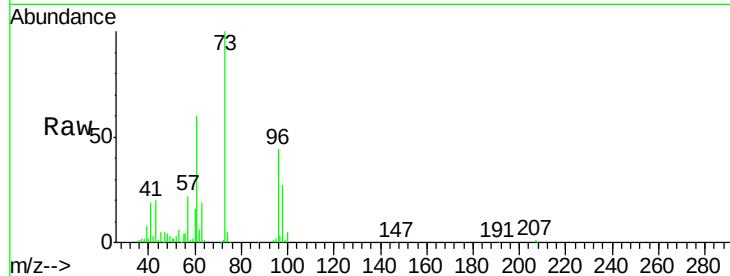
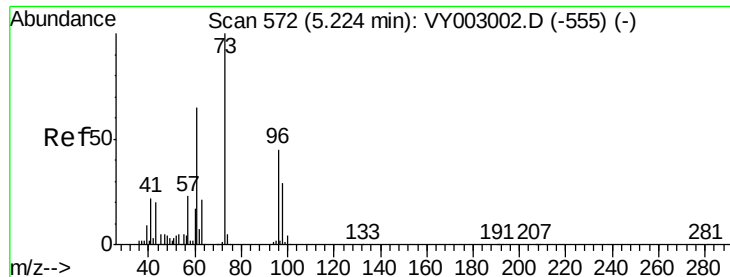
sam
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#18
Methyl Acetate
Concen: 19.974 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	18.2	27.4





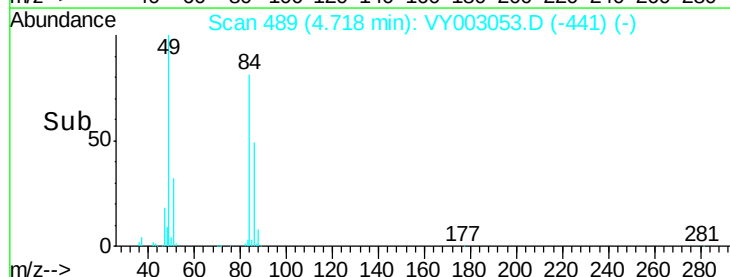
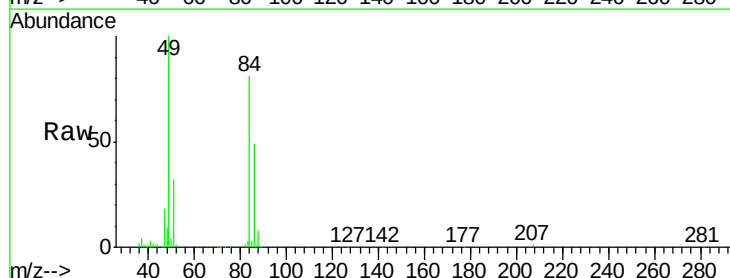
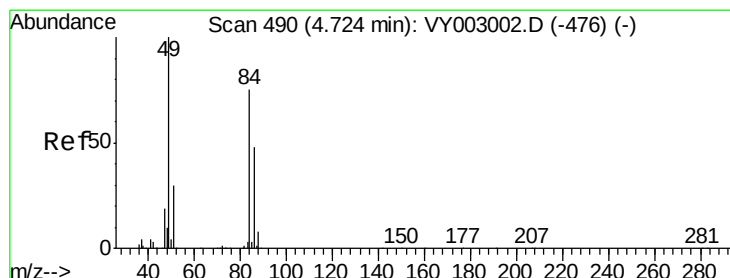
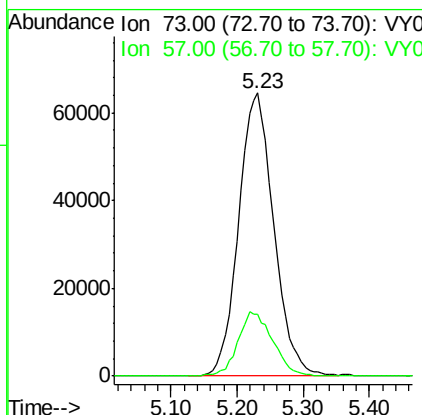
#19
Methyl tert-butyl Ether
Concen: 21.646 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tot Ion	73	57	Ratio	100	21.9	Resp	238240	Lower	18.2	Upper	27.2
Ion	73	57	Ratio	100	21.9	Resp	238240	Lower	18.2	Upper	27.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

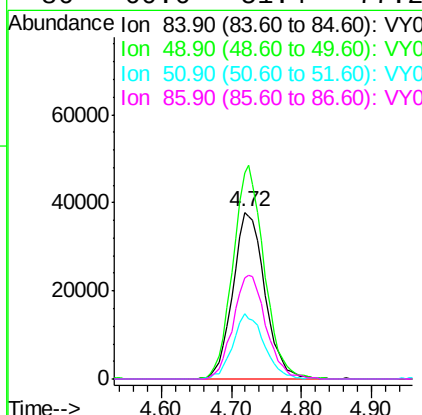
Manual Integrations
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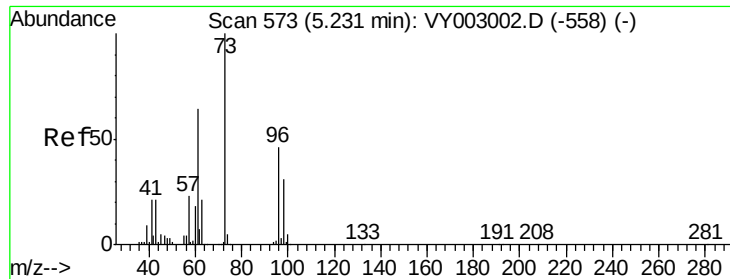
sam
7/2/2020 4:48:47 PM



#20
Methylene Chloride
Concen: 22.556 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	84	49	51	86	Ratio	100	123.5	39.0	60.6	Resp	120042	Lower	106.8	32.0	51.4	Upper	160.2	48.0	77.2
Ion	84	49	51	86	Ratio	100	123.5	39.0	60.6	Resp	120042	Lower	106.8	32.0	51.4	Upper	160.2	48.0	77.2





#21

trans-1,2-Dichloroethene

Concen: 21.560 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

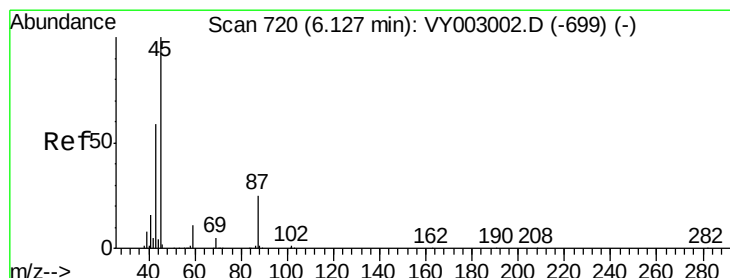
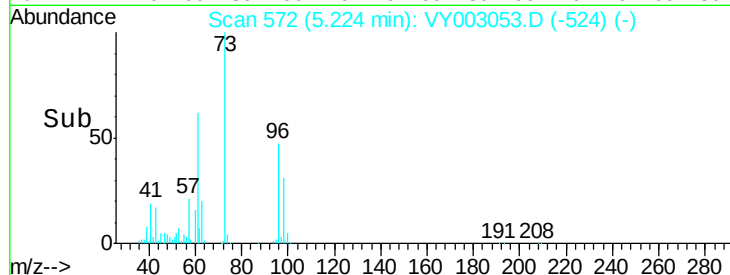
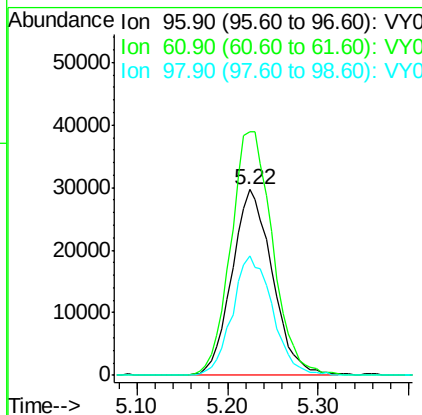
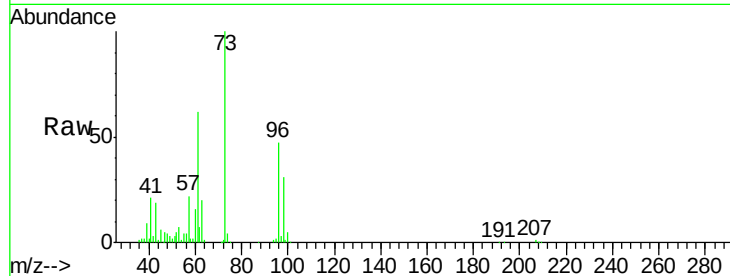
ClientSampleId :

VY0701SBS01

Tot Ion:	96	Resp:	92084
Ion	Ratio	Lower	Upper
96	100		
61	130.5	112.3	168.5
98	64.6	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.977 ug/l

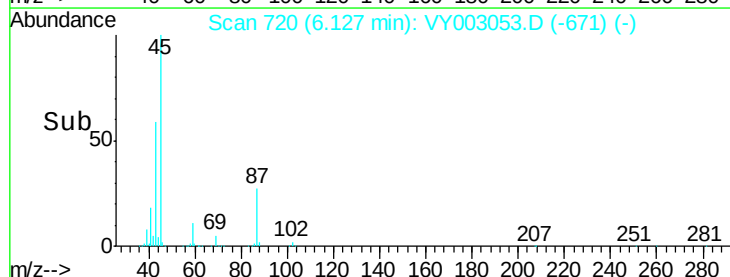
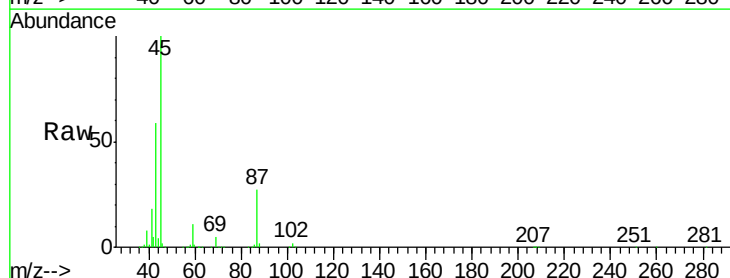
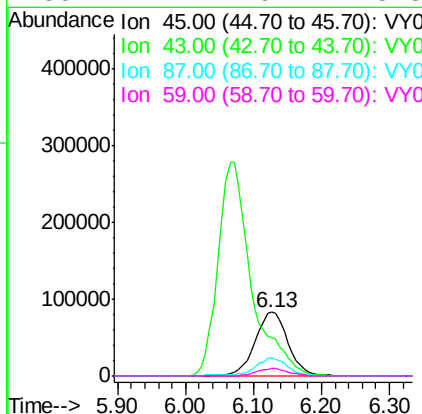
RT: 6.13 min Scan# 720

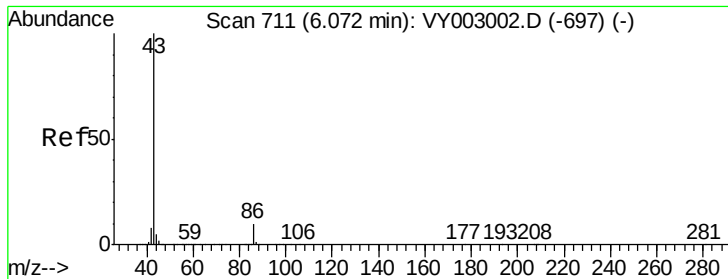
Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion:	45	Resp:	282278
Ion	Ratio	Lower	Upper
45	100		
43	58.7	47.4	71.2
87	27.3	20.2	30.2
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 100.837 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion: 43 Resp: 952588

Ion Ratio Lower Upper

43 100

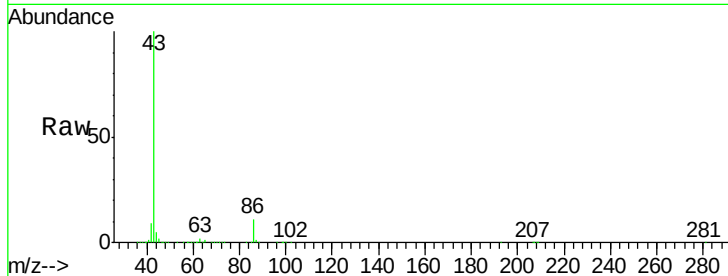
86 10.9 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

300000

250000

200000

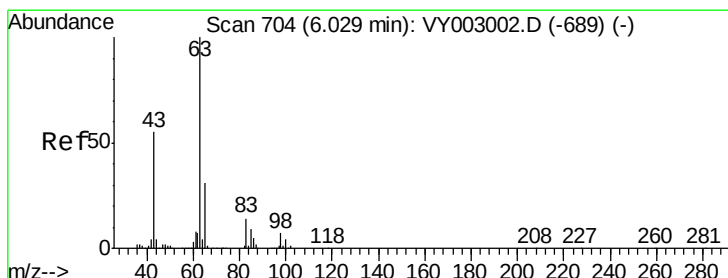
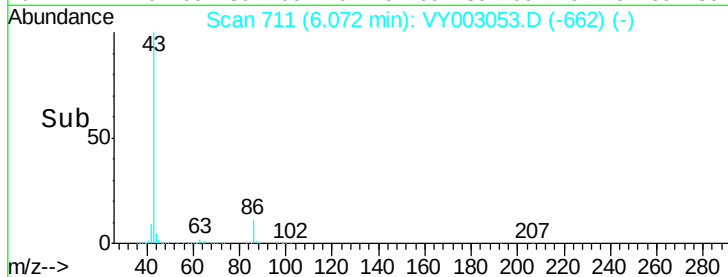
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.147 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

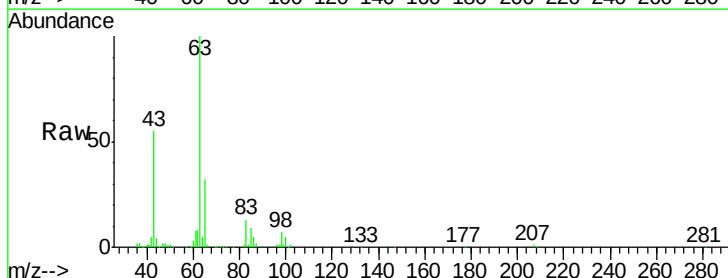
Tgt Ion: 63 Resp: 163228

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.8 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

6.03

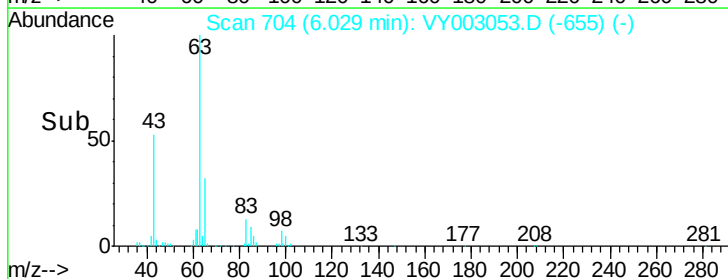
60000

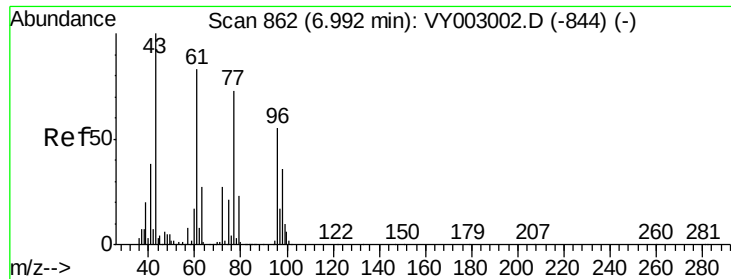
40000

20000

0

Time-->





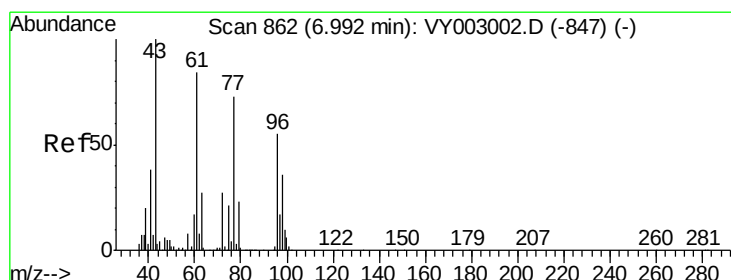
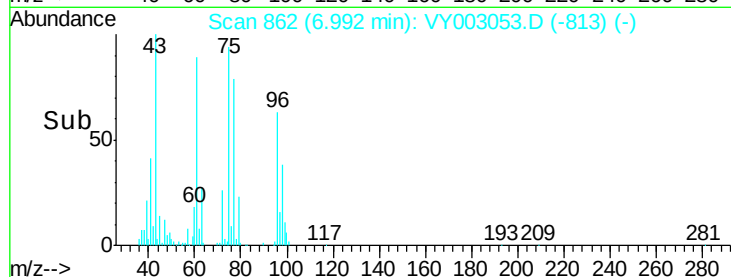
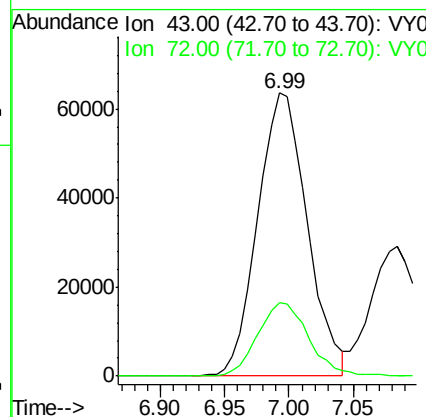
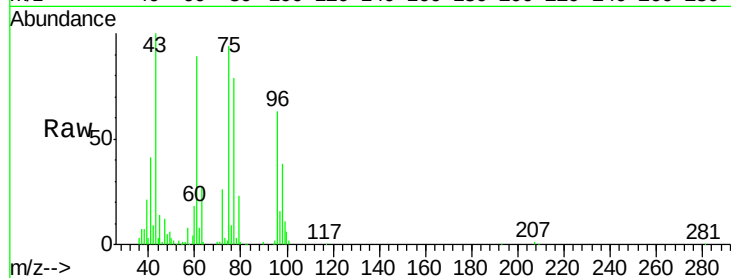
#25
2-Butanone
Concen: 104.674 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion: 43 Resp: 169544
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.0

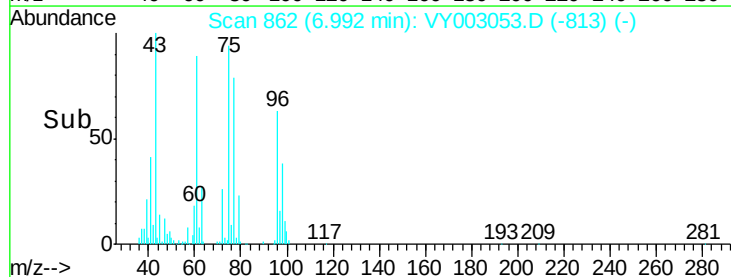
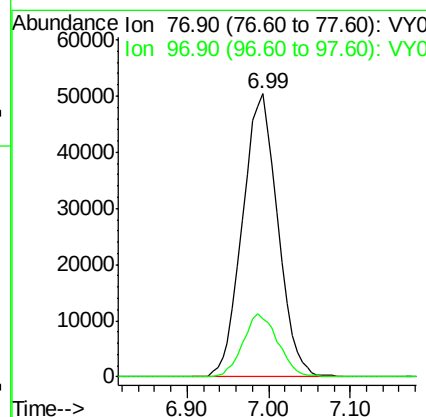
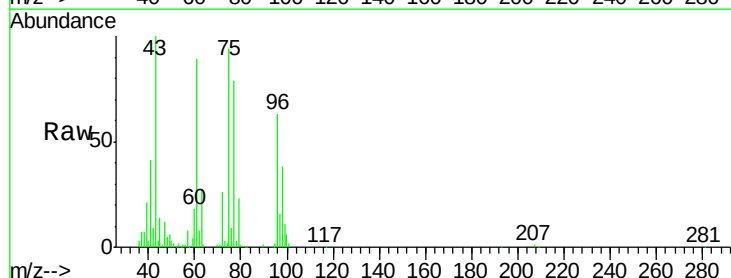
Manual Integrations
APPROVED

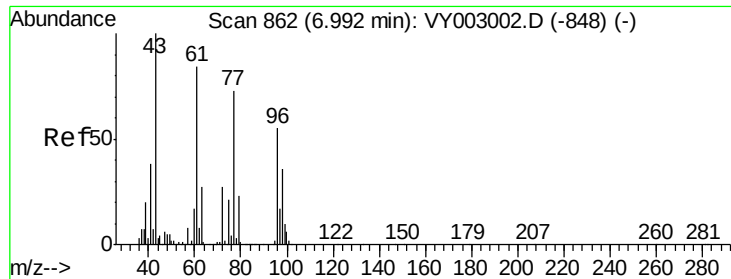
Sam
7/2/2020 4:48:47 PM



#26
2,2-Dichloropropane
Concen: 21.627 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 77 Resp: 151662
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.9





#27

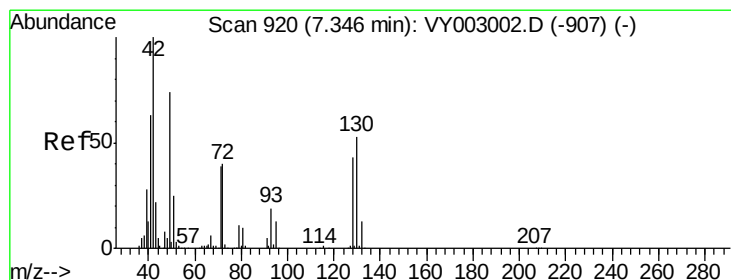
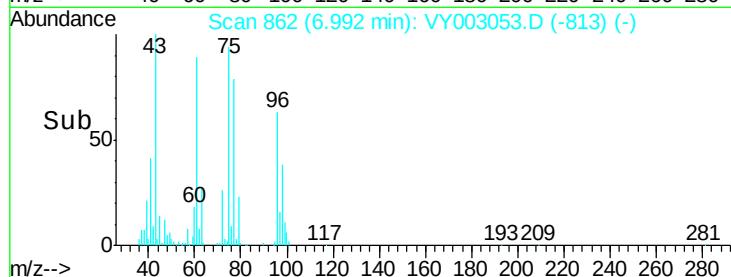
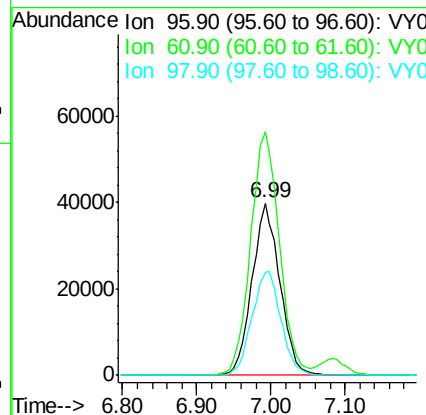
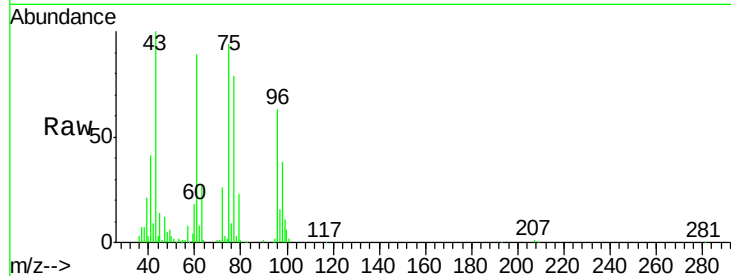
cis-1,2-Dichloroethene
Concen: 21.771 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.9	0.0	301.2	
98	63.0	0.0	129.0	

Manual Integrations
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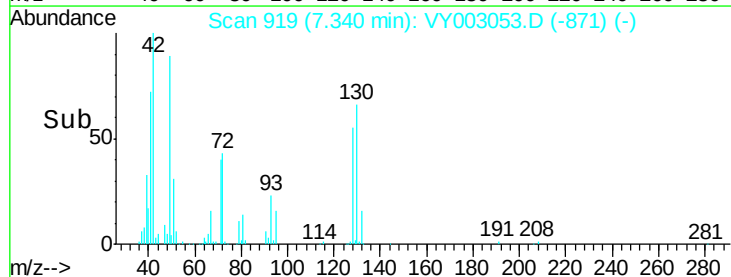
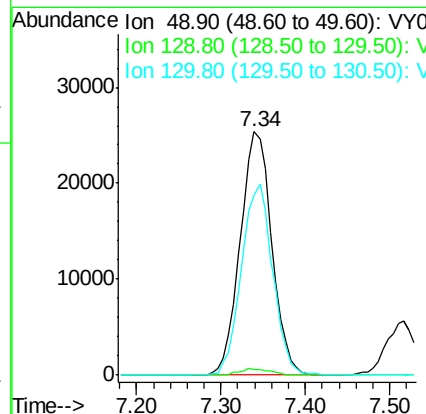
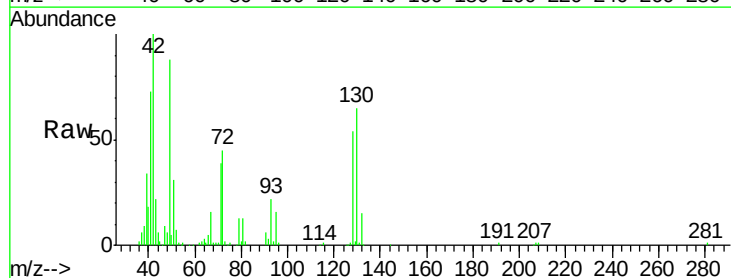
sam
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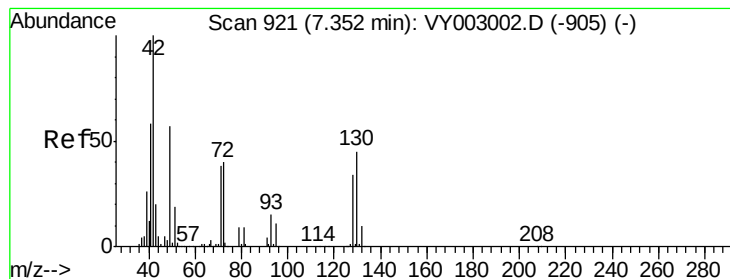


#28

Bromochloromethane
Concen: 18.720 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	4.4	
130	77.2	57.0	85.6	





#29

Tetrahydrofuran

Concen: 102.414 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

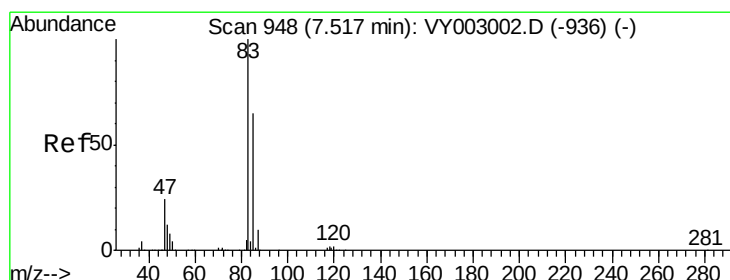
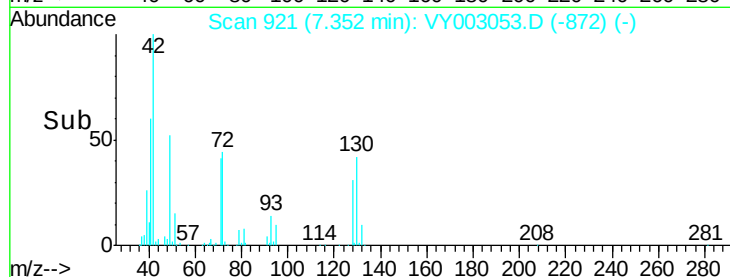
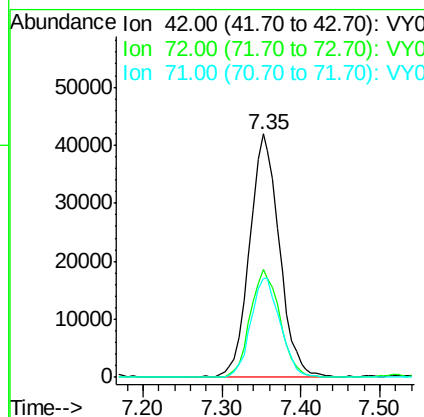
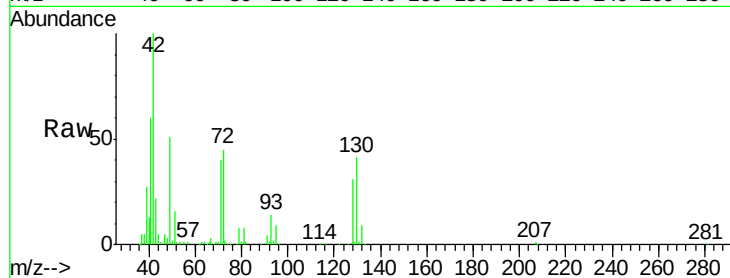
ClientSampleId :

VY0701SBS01

Tot Ion:	42	Resp:	110313
Ion	Ratio	Lower	Upper
42	100		
72	44.0	32.9	49.3
71	40.3	31.2	46.8

Manual Integrations
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#30

Chloroform

Concen: 21.419 ug/l

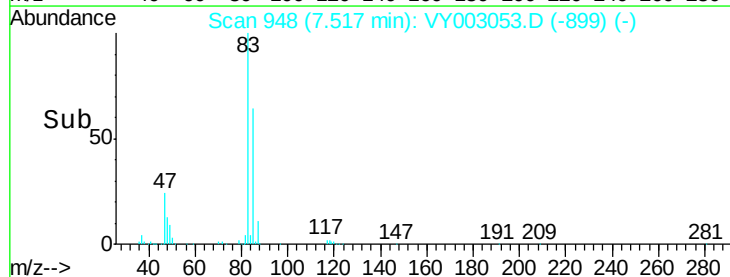
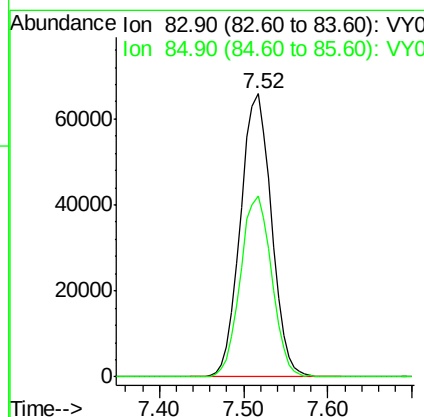
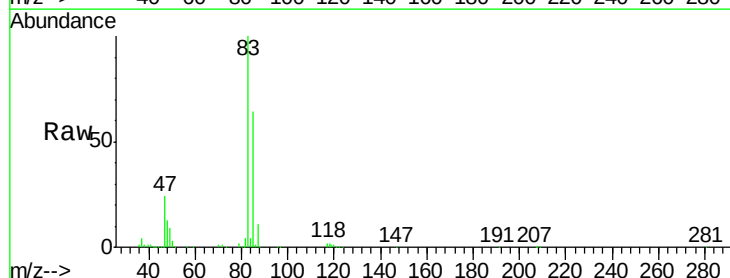
RT: 7.52 min Scan# 948

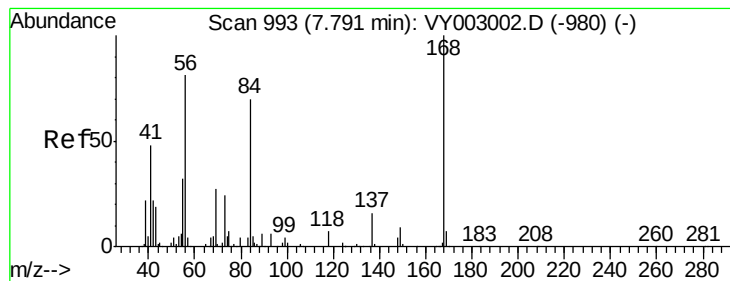
Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion:	83	Resp:	163783
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.7	77.5





#31

Cyclohexane

Concen: 20.227 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

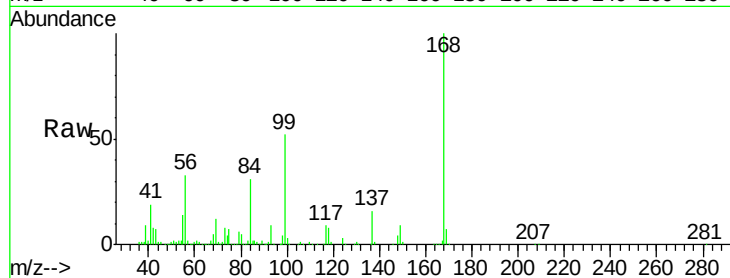
ClientSampleId :

VY0701SBS01

Tot Ion:	56	Resp:	153800
Ion	Ratio	Lower	Upper
56	100		
69	35.4	27.0	40.4
84	91.8	68.1	102.1

Manual Integrations
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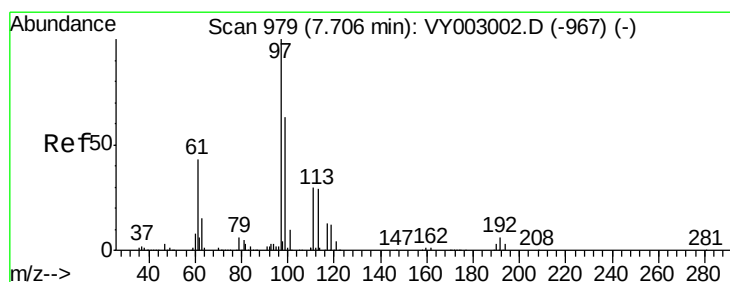
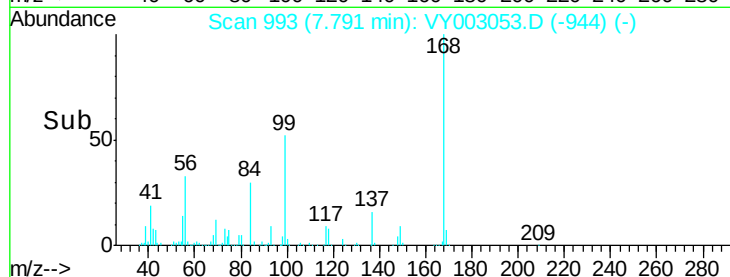
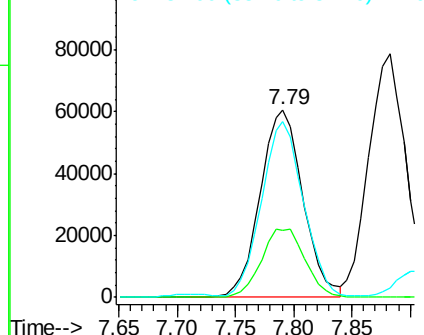


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.922 ug/l

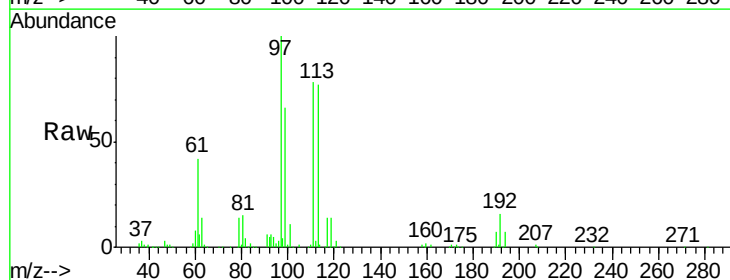
RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion:	97	Resp:	146031
Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.4	77.2
61	43.2	33.9	50.9

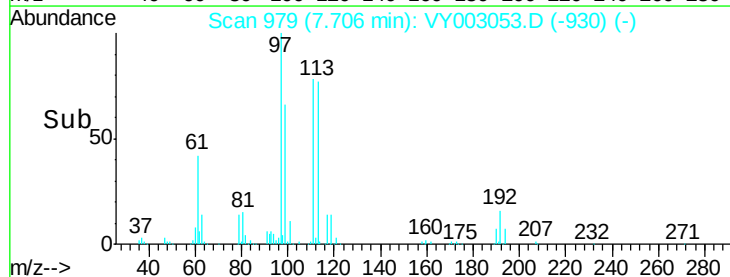
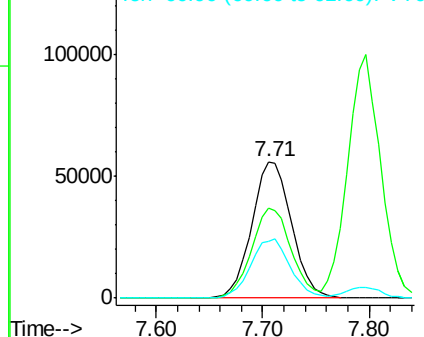


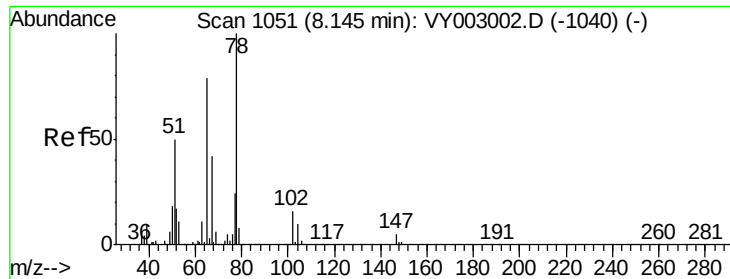
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





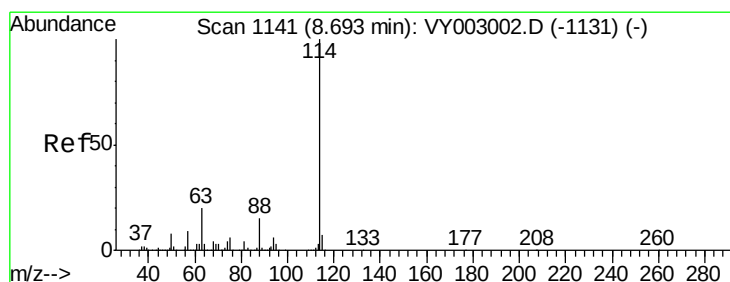
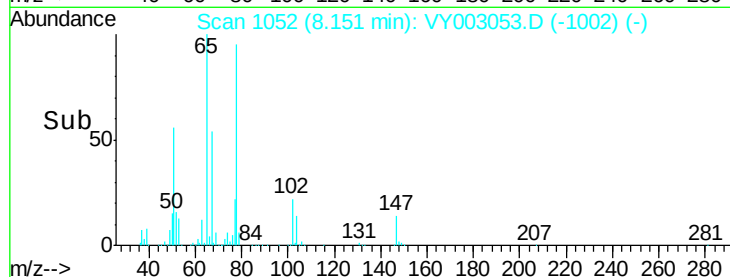
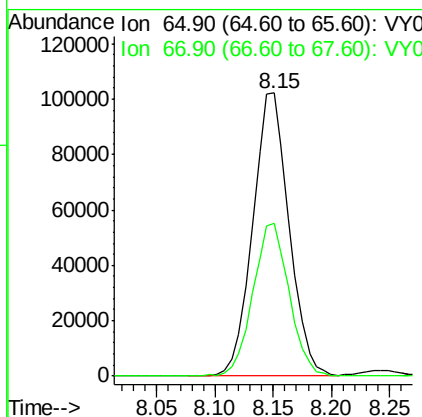
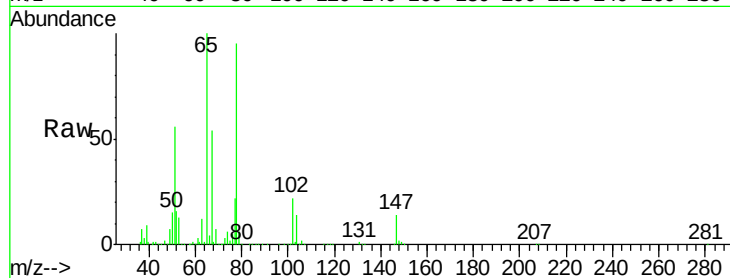
#33
 1,2-Dichloroethane-d4
 Concen: 51.374 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	222110		
67	53.8	0.0	105.6	

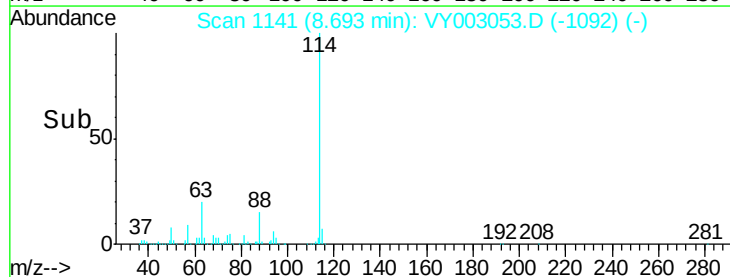
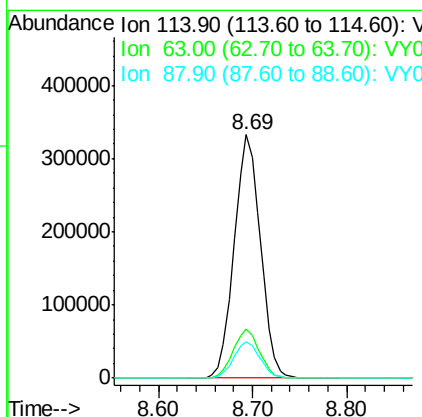
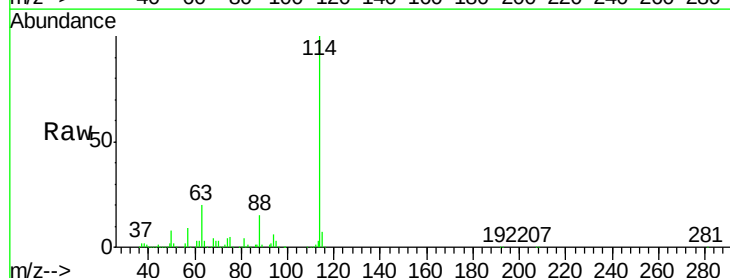
Manual Integrations
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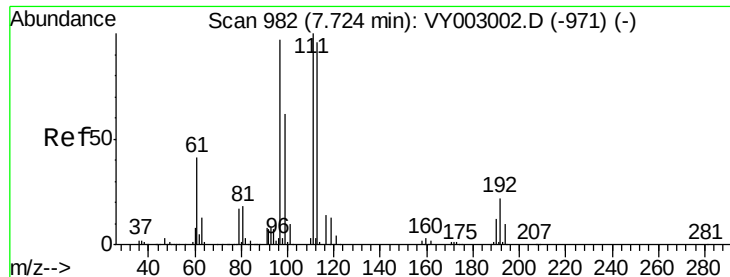
Sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	643709		
63	20.3	0.0	40.6	
88	14.8	0.0	30.0	





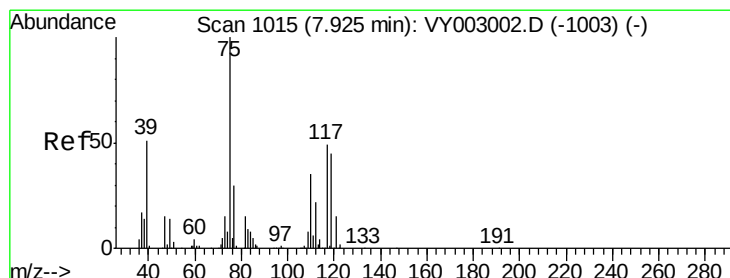
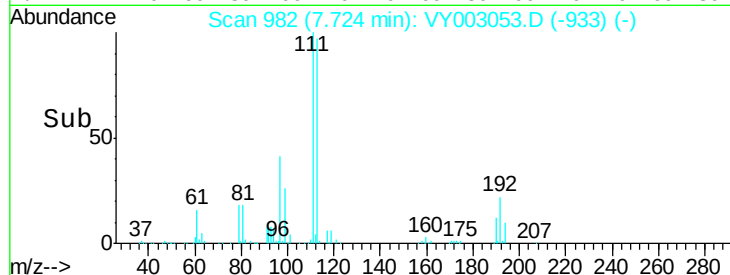
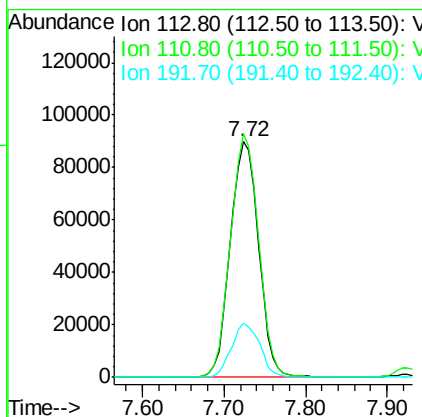
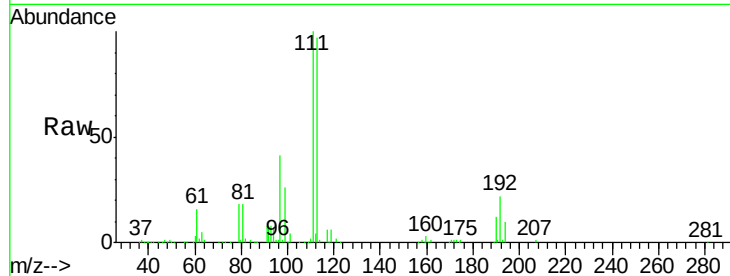
#35
 Dibromofluoromethane
 Concen: 53.696 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	215620		
111	102.8		82.6	123.8
192	22.9		18.1	27.1

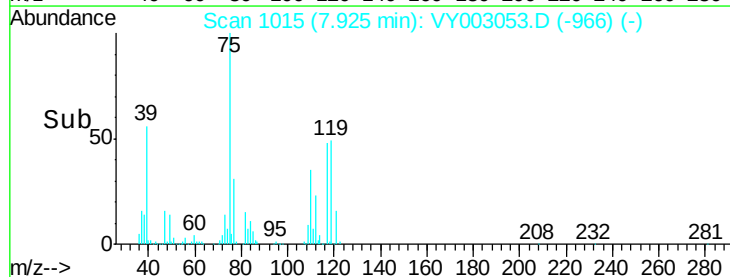
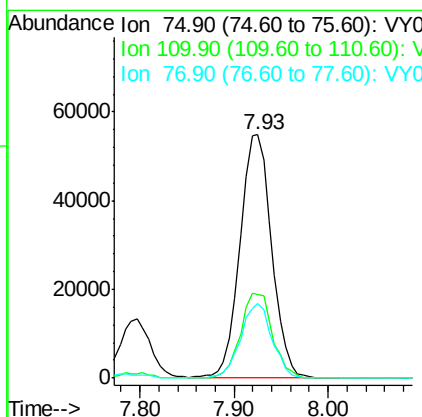
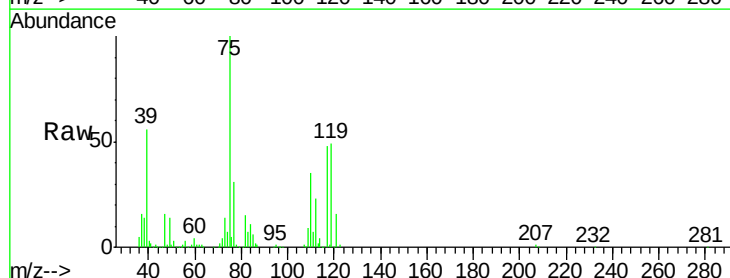
Manual Integrations
 APPROVED

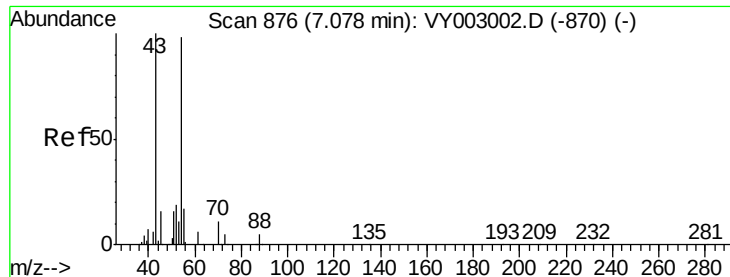
sam
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#36
 1,1-Dichloropropene
 Concen: 20.909 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	129645		
110	35.1		17.1	51.2
77	30.5		24.9	37.3





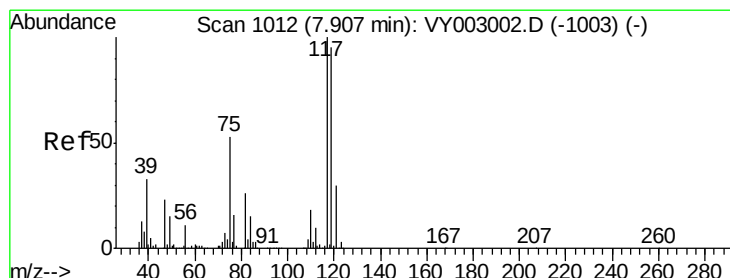
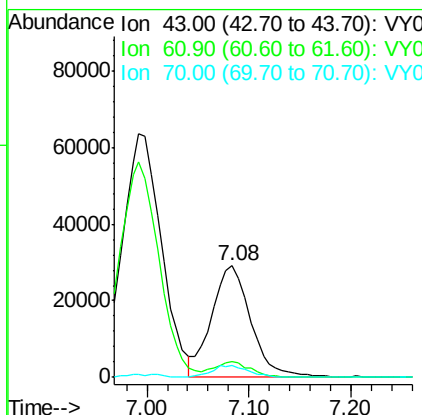
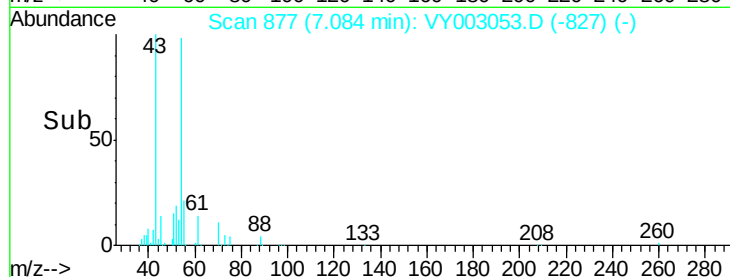
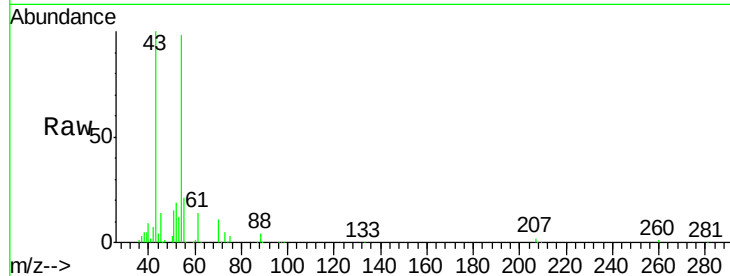
#37
Ethyl Acetate
Concen: 20.781 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	10.3	7.7	11.5

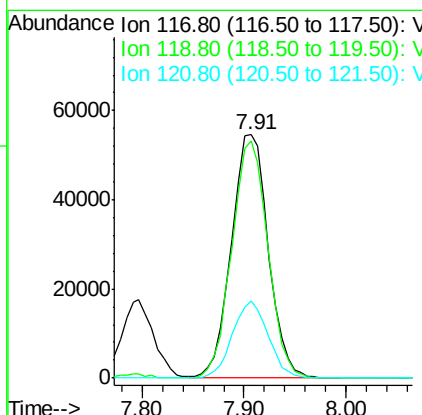
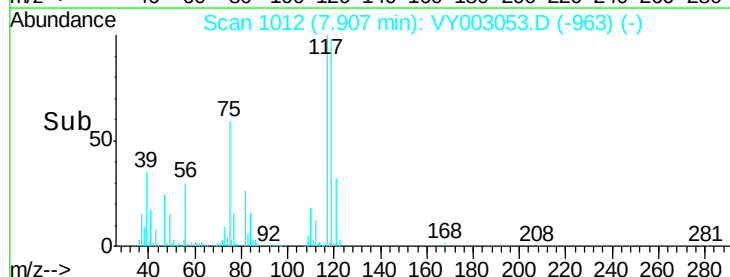
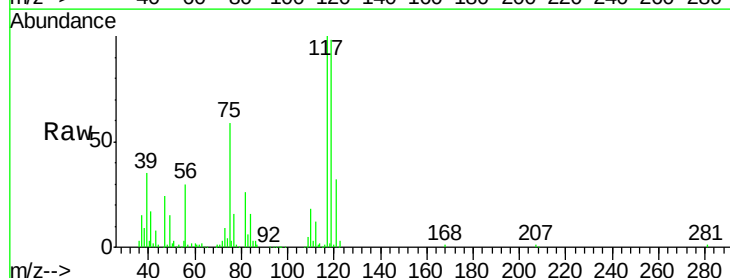
Manual Integrations
APPROVED

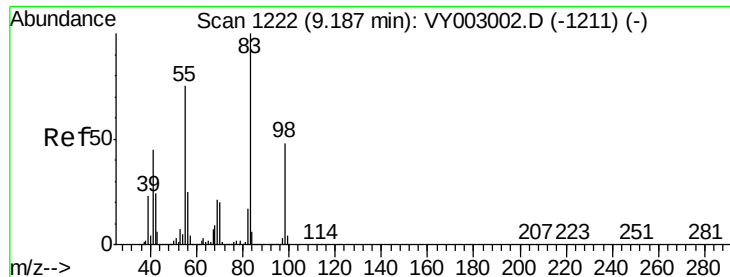
sam
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#38
Carbon Tetrachloride
Concen: 21.301 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.7	113.5
121	31.7	23.9	35.9





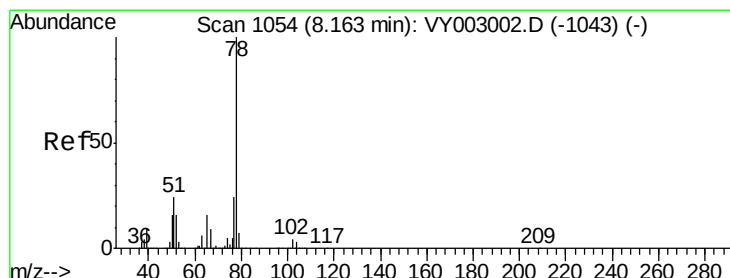
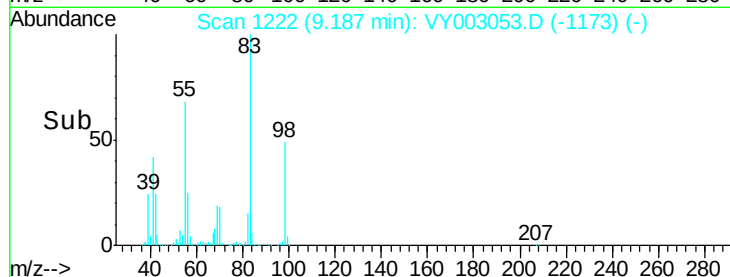
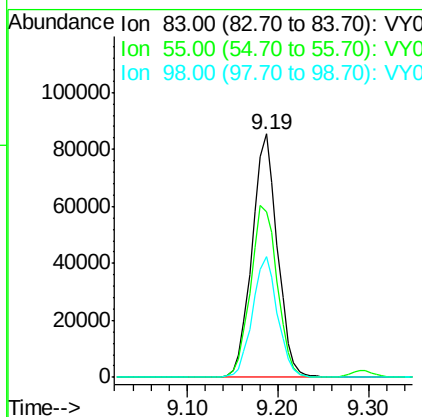
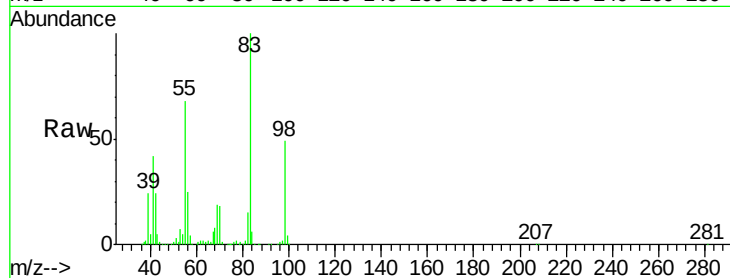
#39
Methylvlcyclohexane
Concen: 21.565 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	165782		
55	68.1	59.9	89.9	
98	49.4	38.7	58.1	

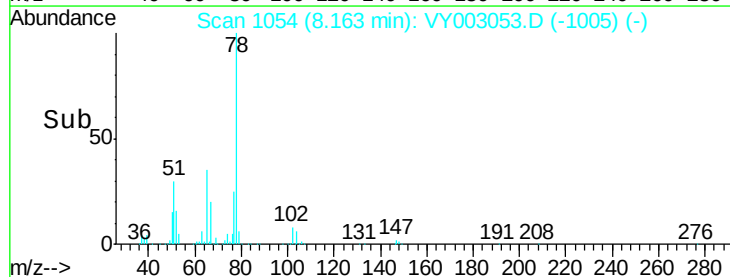
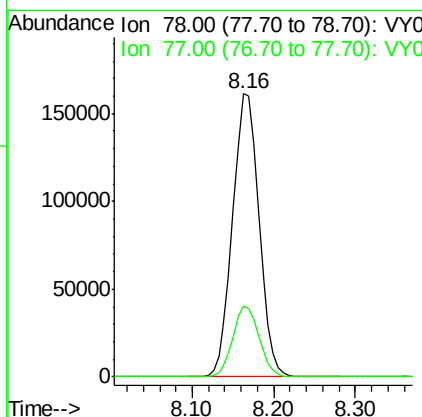
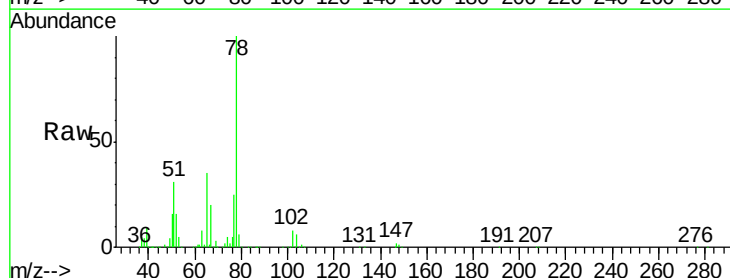
Manual Integrations
APPROVED

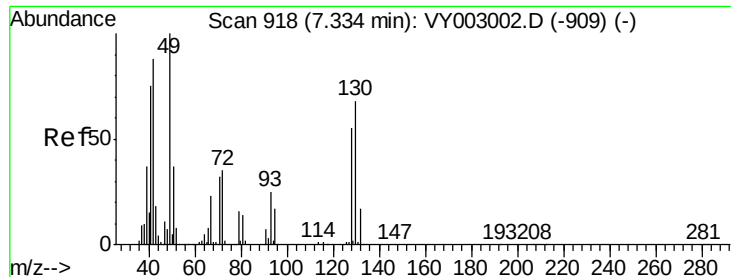
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#40
Benzene
Concen: 21.247 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	360676		
77	25.0	19.2	28.8	





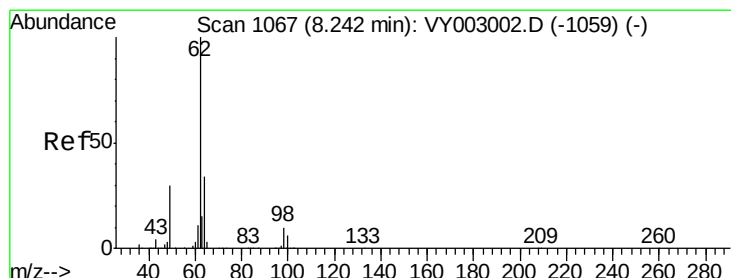
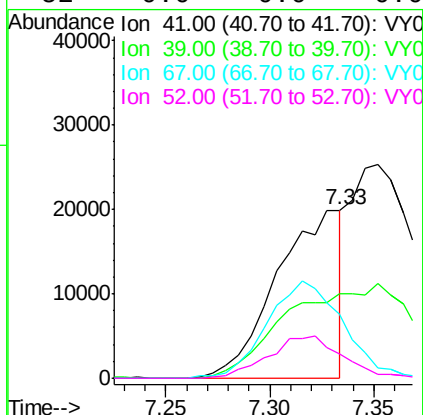
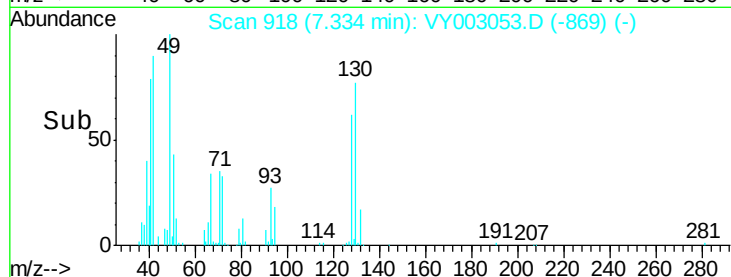
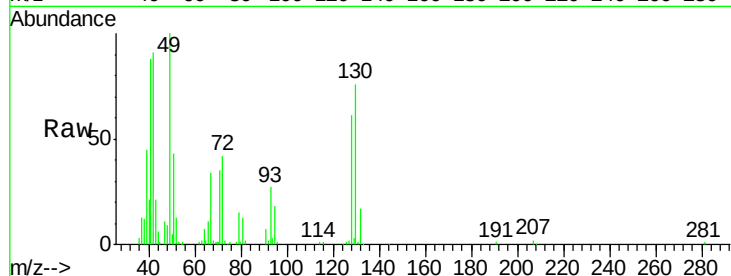
#41
Methacrylonitrile
Concen: 22.095 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	41	Resp	44002
Ion	Ratio	Lower	Upper
41	100		
39	107.7	85.7	128.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

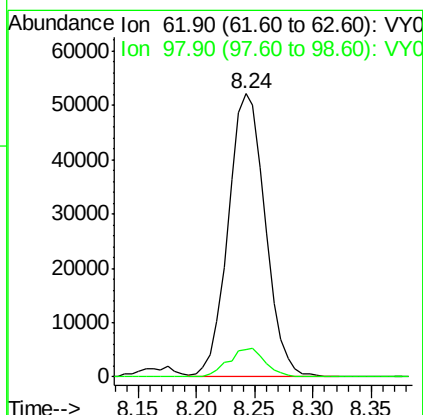
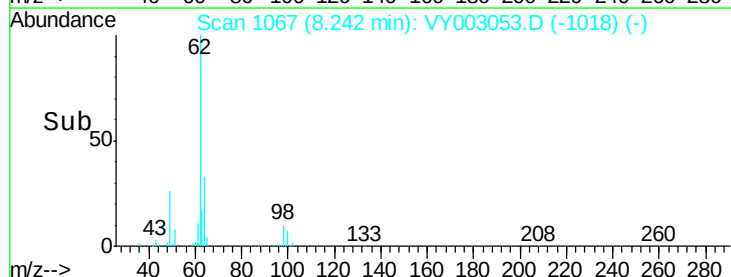
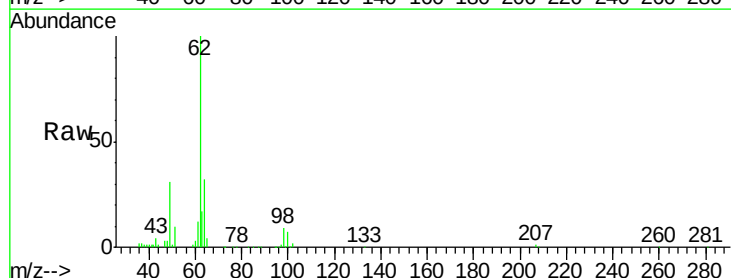
Manual Integrations
APPROVED

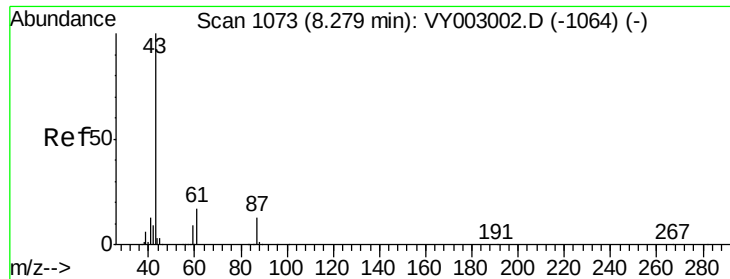
sam
7/2/2020 4:48:47 PM



#42
1,2-Dichloroethane
Concen: 21.499 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	62	Resp	115451
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2





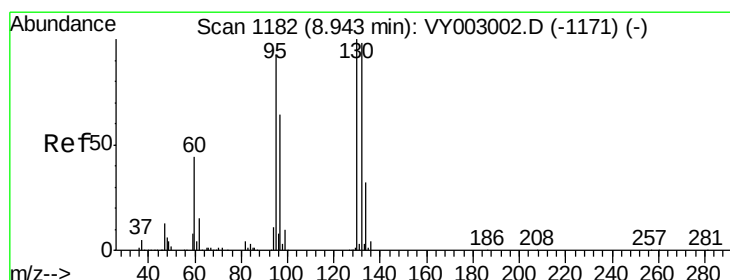
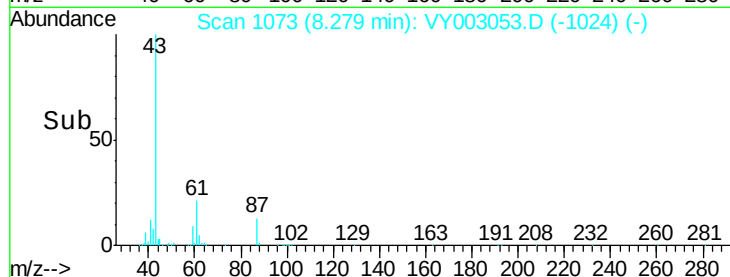
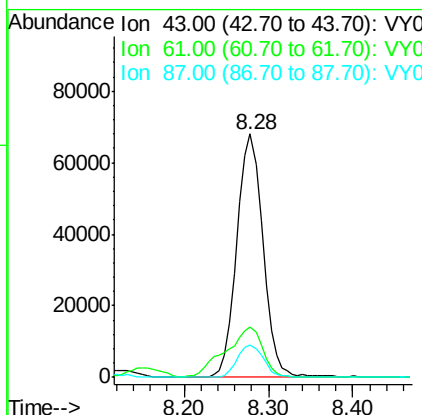
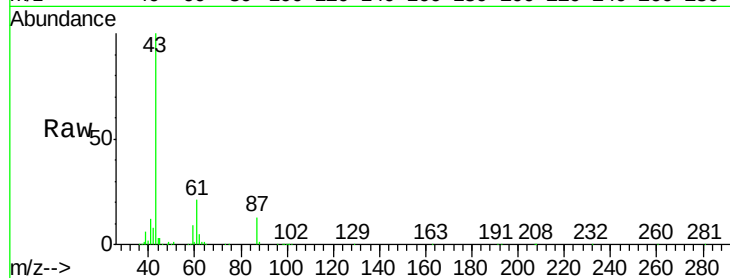
#43
Isopropyl Acetate
Concen: 20.133 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	21.8	32.6
87	13.4	10.1	15.1

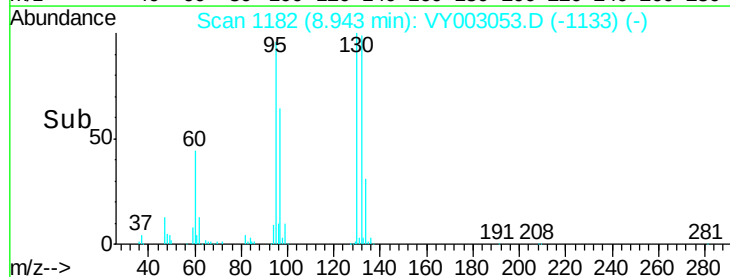
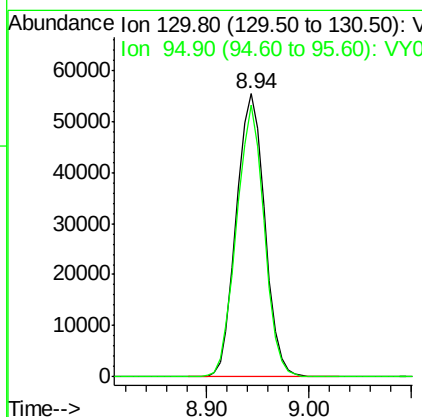
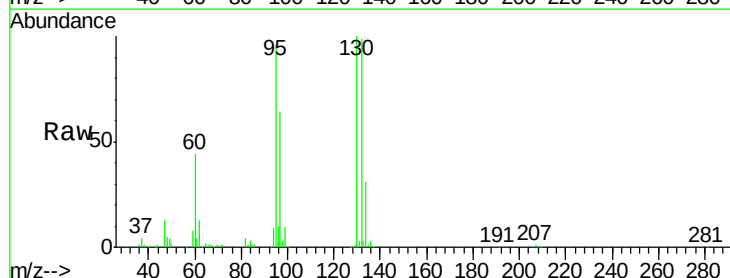
Manual Integrations
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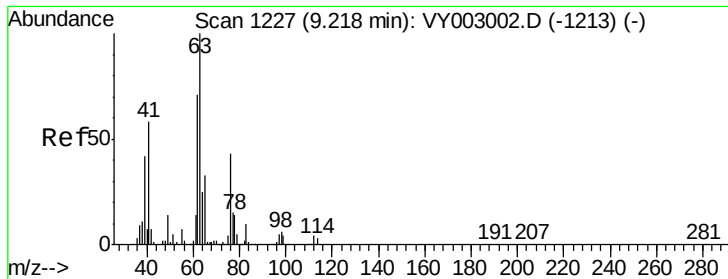
sam
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#44
Trichloroethene
Concen: 21.679 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	186.4





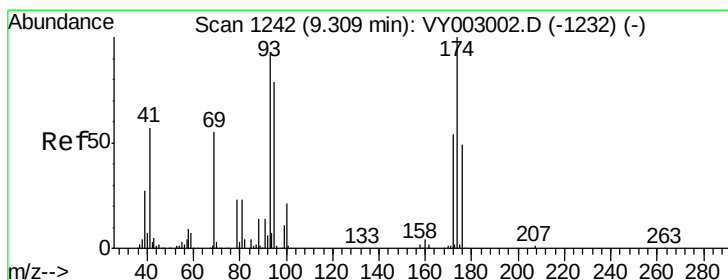
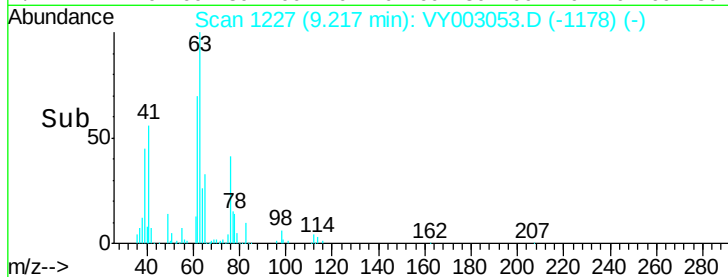
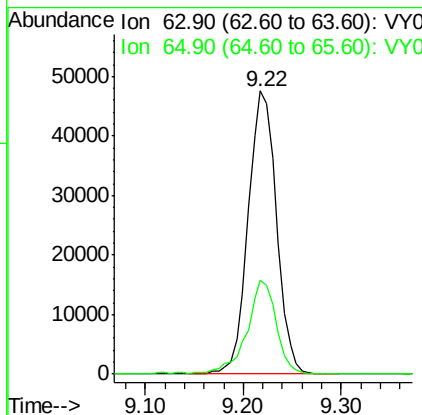
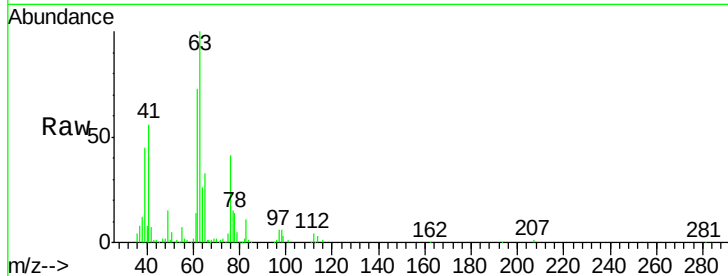
#45
 1,2-Dichloropropane
 Concen: 20.902 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tot Ion	63	Resp	95460
Ion Ratio	Lower	Upper	
63	100		
65	33.2	26.2	39.4

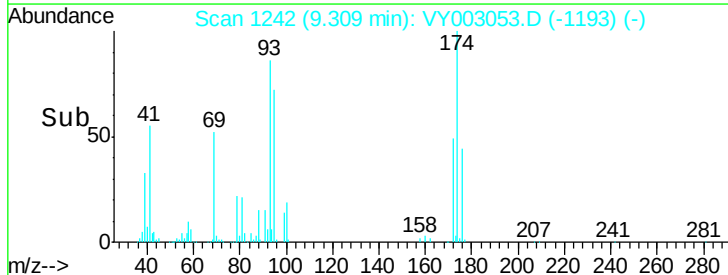
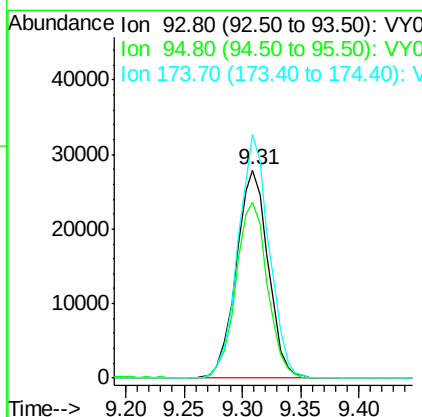
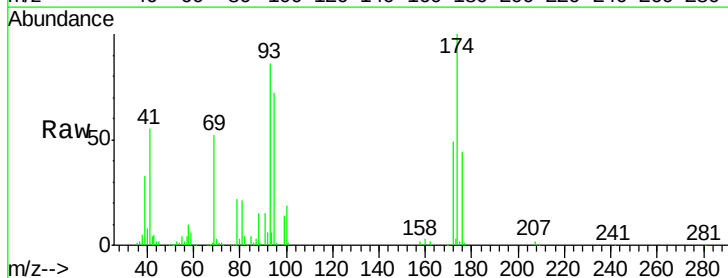
Manual Integrations
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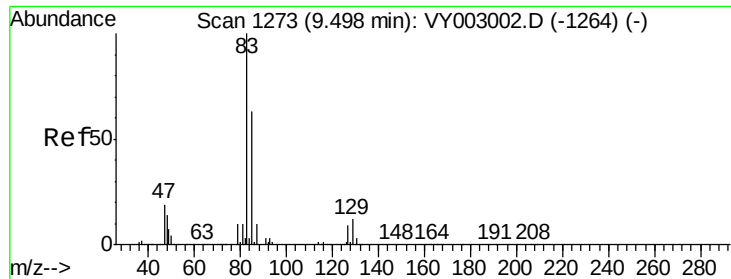
sam
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#46
 Dibromomethane
 Concen: 20.846 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion	93	Resp	53173
Ion Ratio	Lower	Upper	
93	100		
95	83.8	67.6	101.4
174	113.8	88.3	132.5





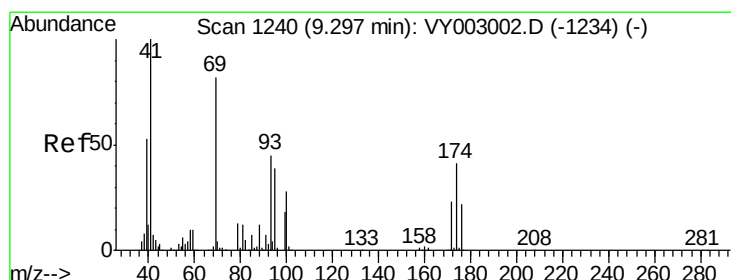
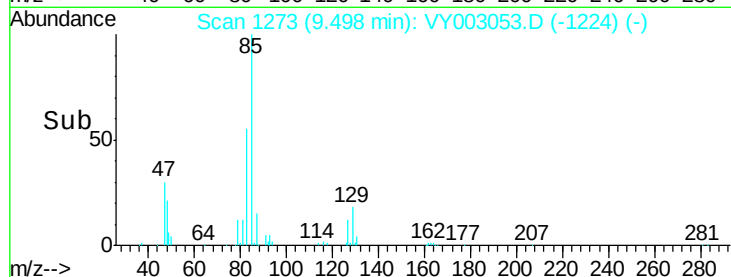
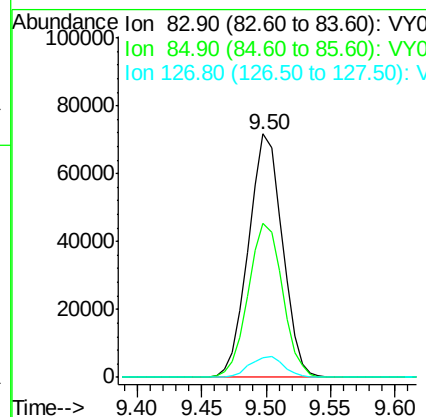
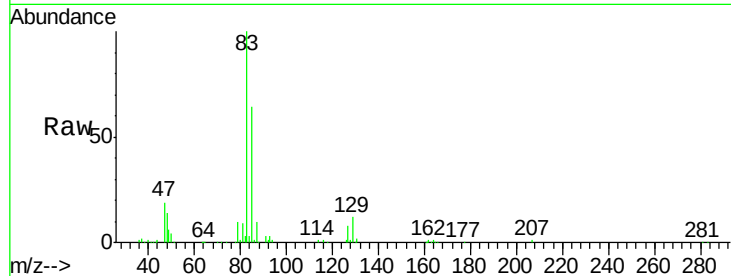
#47
Bromodichloromethane
Concen: 20.856 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	83	Resp	130263
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	50.5	75.7
127	7.8	7.0	10.4

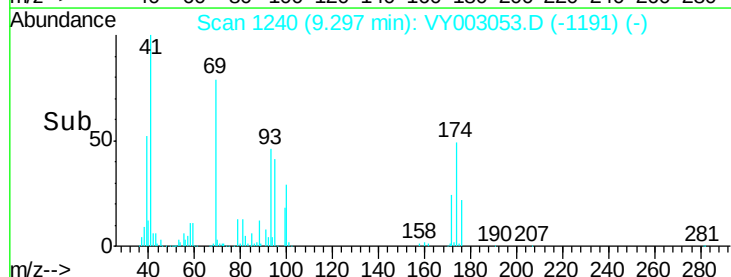
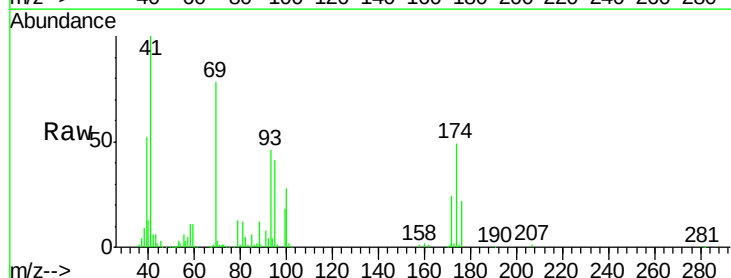
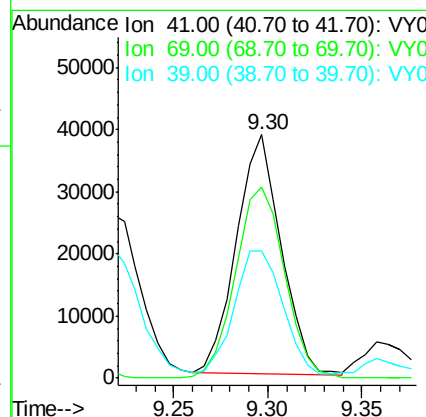
Manual Integrations
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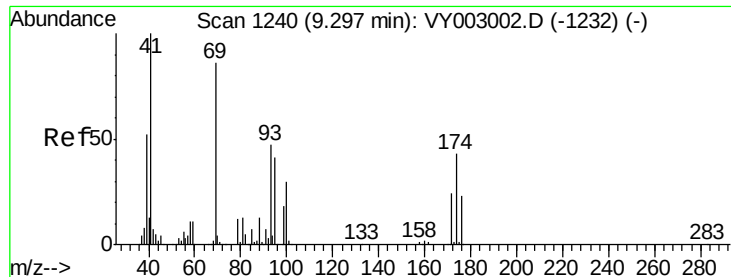
sam
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#48
Methyl methacrylate
Concen: 19.647 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	41	Resp	63381
Ion Ratio	100	Lower	Upper
41	100		
69	87.8	67.7	101.5
39	60.1	45.0	67.4





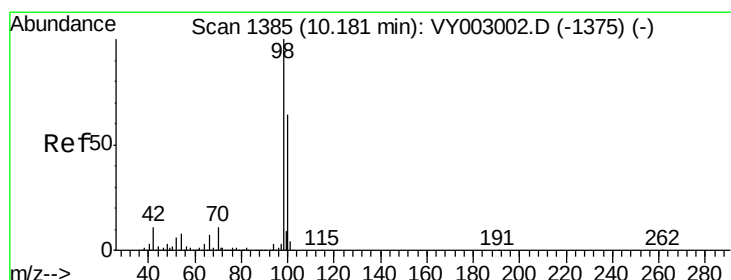
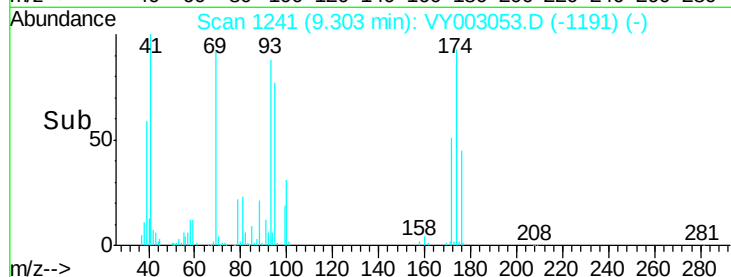
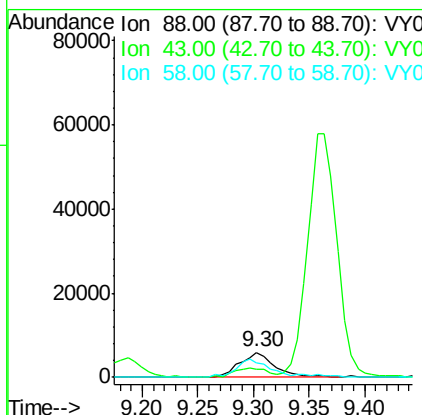
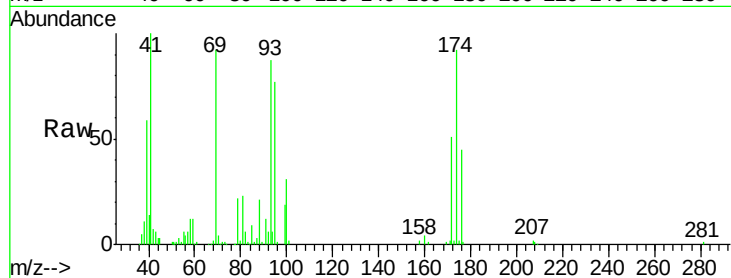
#49
1,4-Dioxane
Concen: 428.370 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	33.1	28.6	42.8	
58	79.3	56.7	85.1	

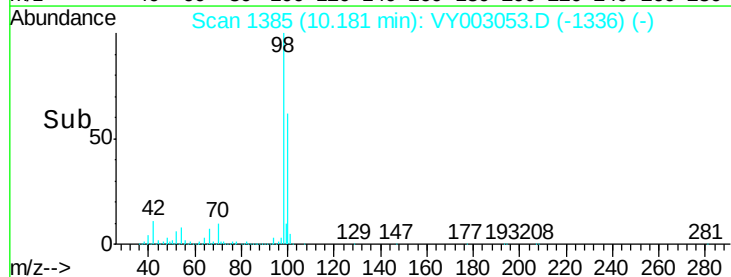
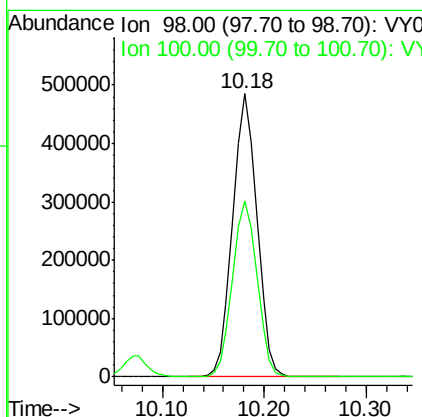
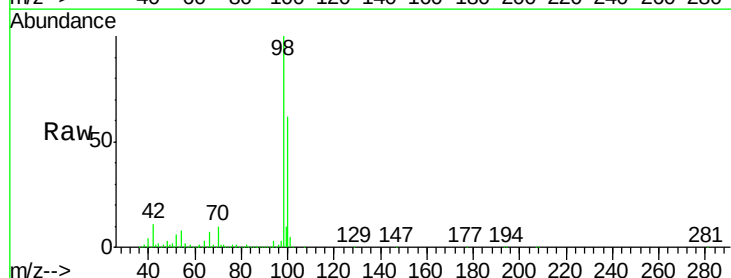
Manual Integrations
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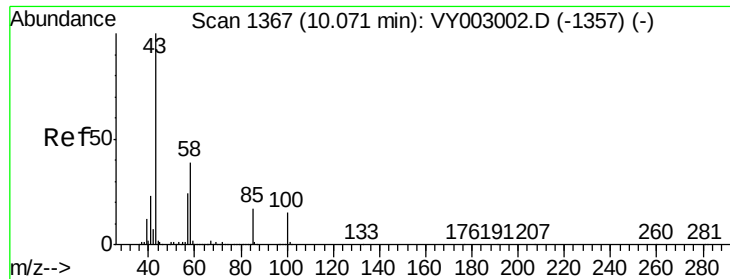
sam
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#50
Toluene-d8
Concen: 53.590 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	62.8	51.1	76.7	





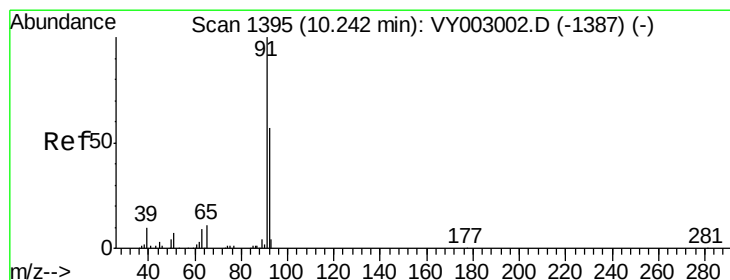
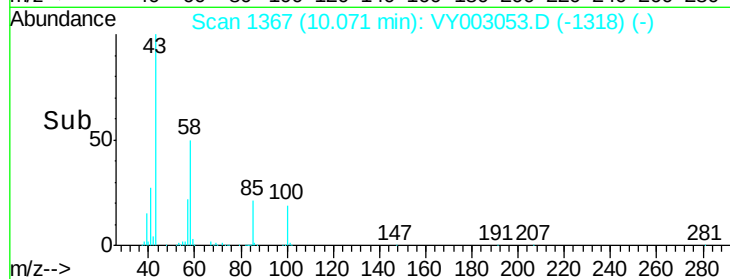
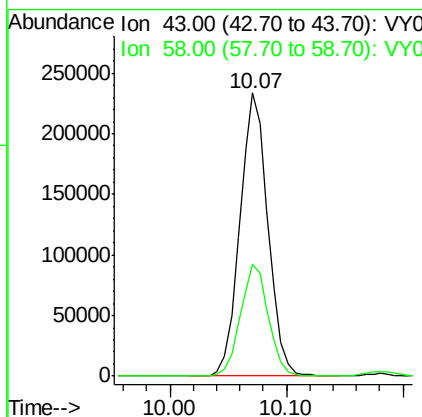
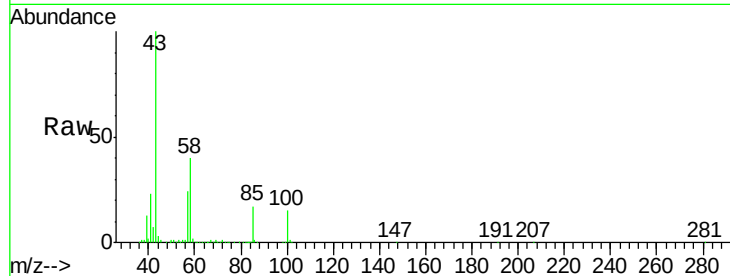
#51
4-Methyl-2-Pentanone
Concen: 106.630 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.1	46.7

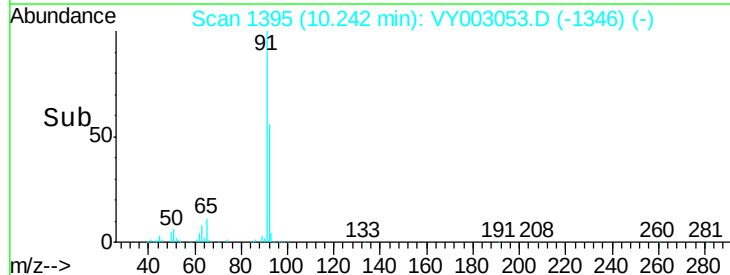
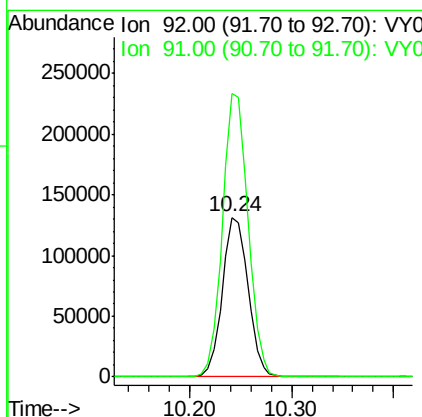
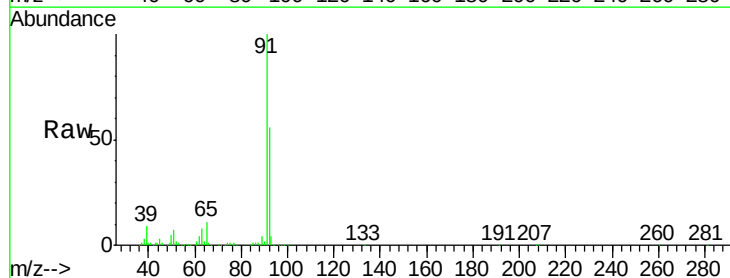
Manual Integrations
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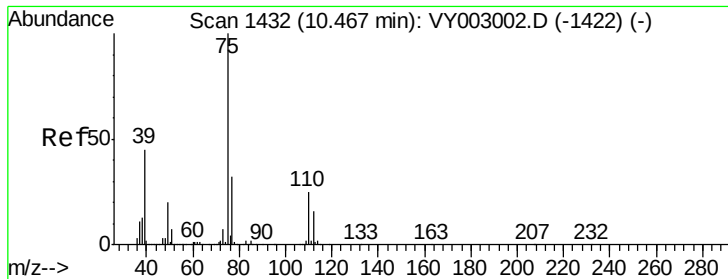
sam
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#52
Toluene
Concen: 21.469 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.9	139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 21.087 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion: 75 Resp: 138080

Ion Ratio Lower Upper

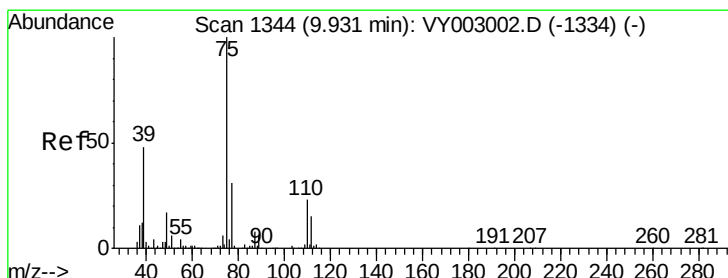
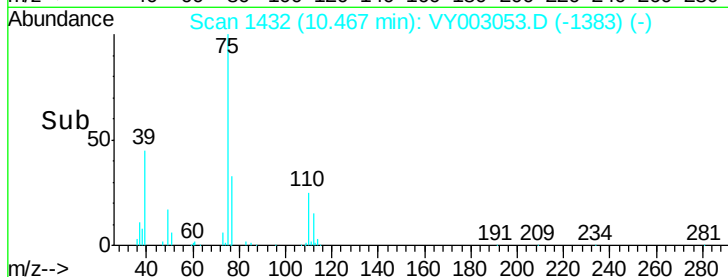
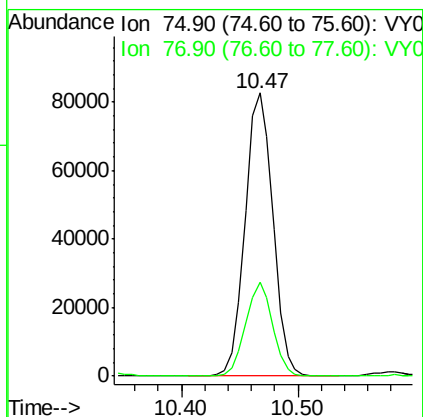
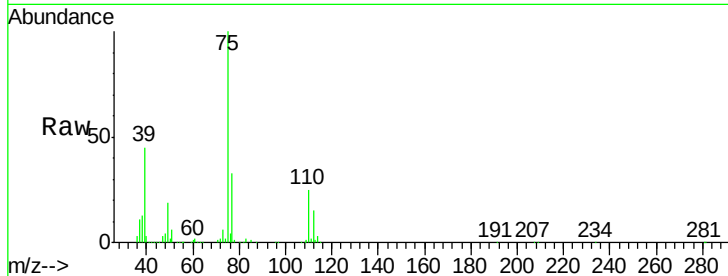
75 100

77 32.9 25.9 38.9

Manual Integrations
APPROVED

sam

7/2/2020 4:48:47 PM



#54

cis-1,3-Dichloropropene

Concen: 21.121 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

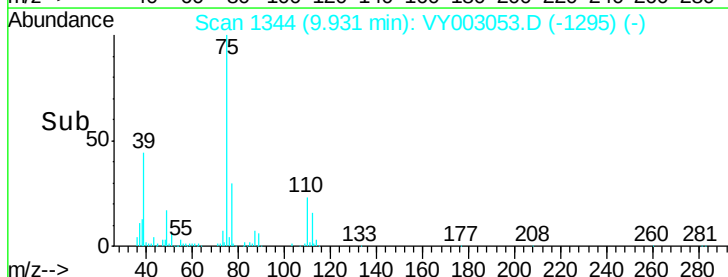
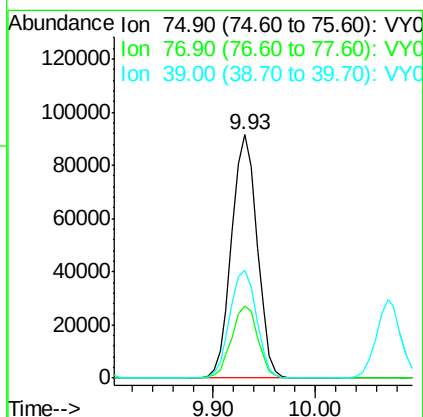
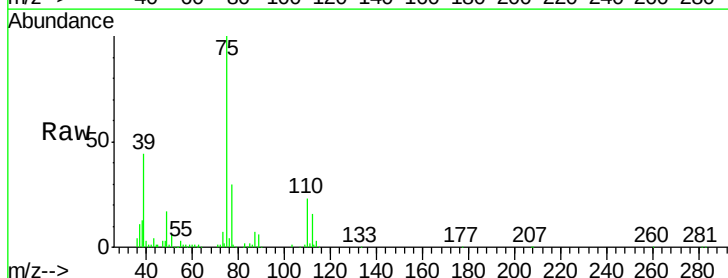
Tgt Ion: 75 Resp: 158171

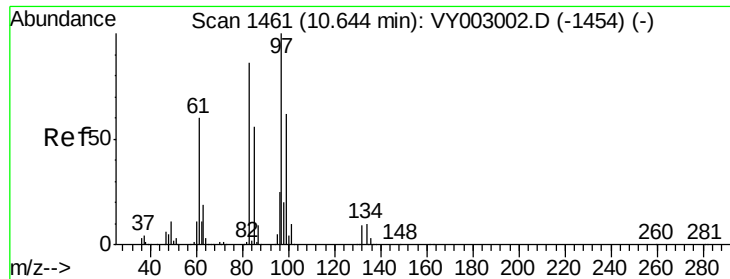
Ion Ratio Lower Upper

75 100

77 29.6 24.6 37.0

39 44.1 38.3 57.5





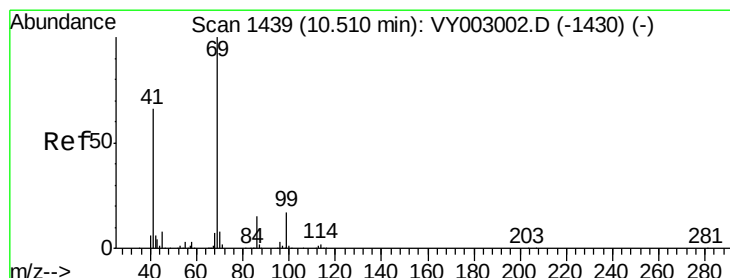
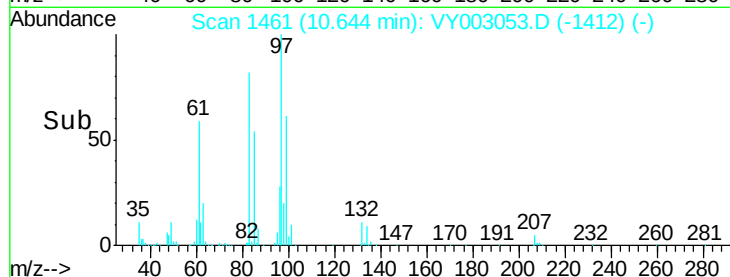
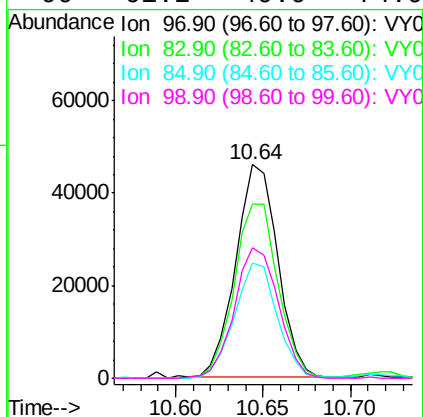
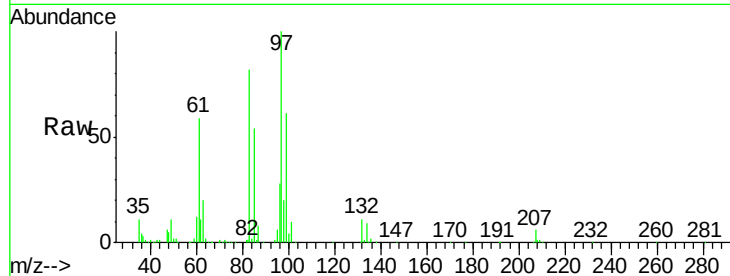
#55
 1,1,2-Trichloroethane
 Concen: 21.761 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tot Ion:	97	Resp:	77130
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.0	103.6
85	53.8	44.8	67.2
99	61.2	49.9	74.9

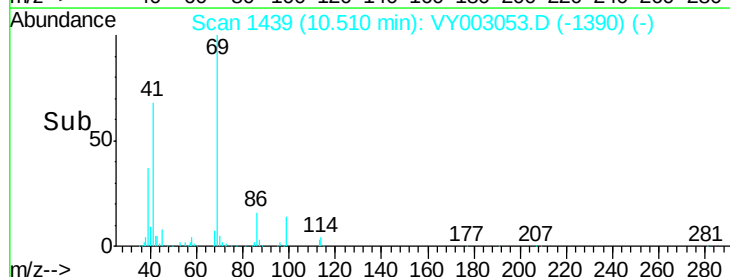
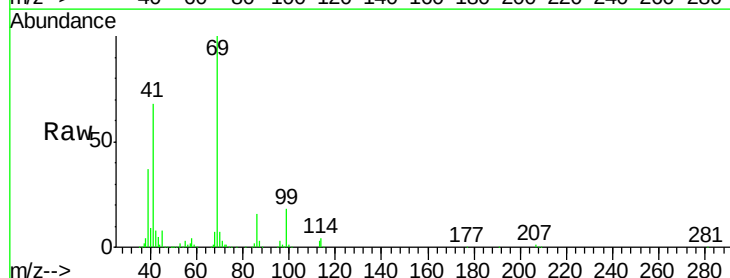
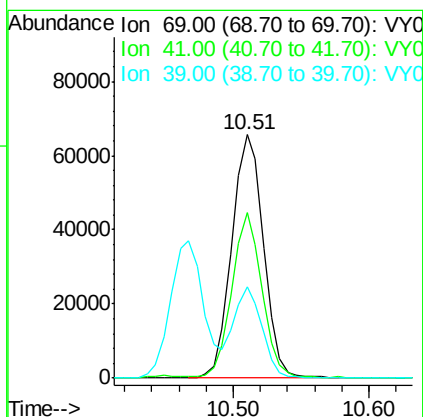
Manual Integrations
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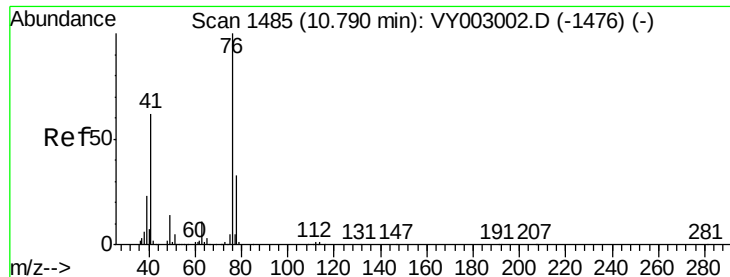
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#56
 Ethyl methacrylate
 Concen: 20.696 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion:	69	Resp:	106189
Ion	Ratio	Lower	Upper
69	100		
41	64.0	53.7	80.5
39	33.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.893 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion: 76 Resp: 130001

Ion Ratio Lower Upper

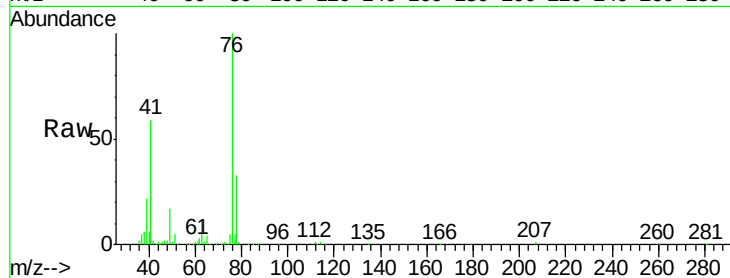
76 100

78 33.4 26.0 39.0

Manual Integrations
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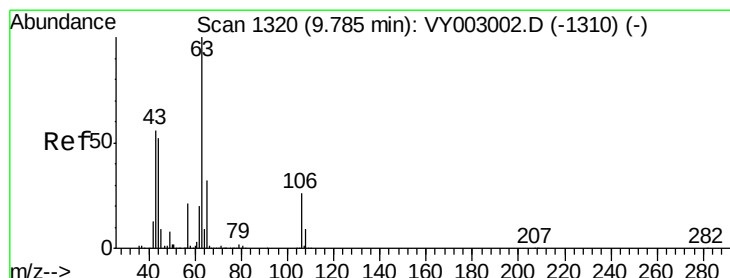
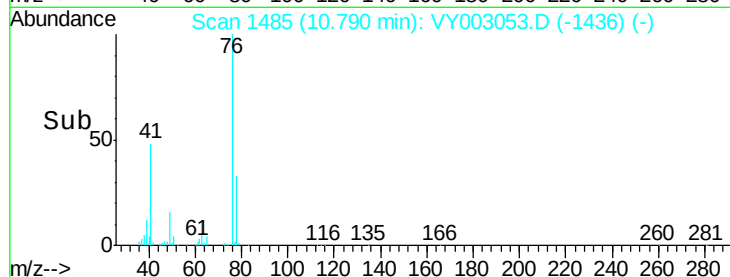
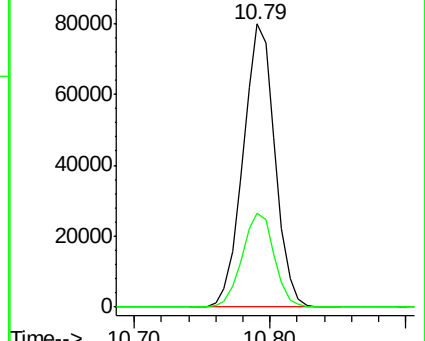
sam

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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: 91.166 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003053.D

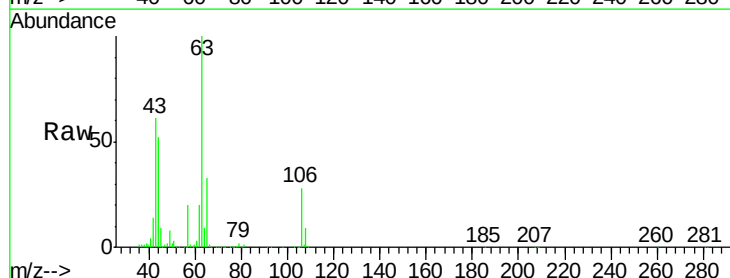
Acq: 01 Jul 2020 12:51

Tgt Ion: 63 Resp: 239898

Ion Ratio Lower Upper

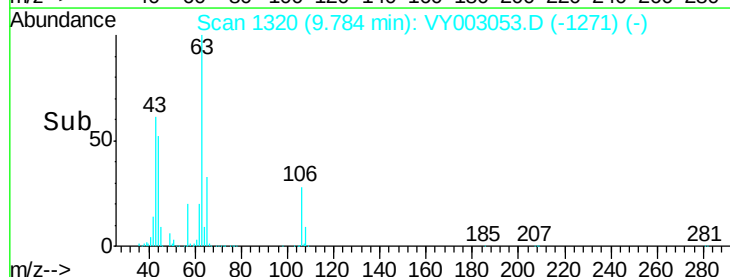
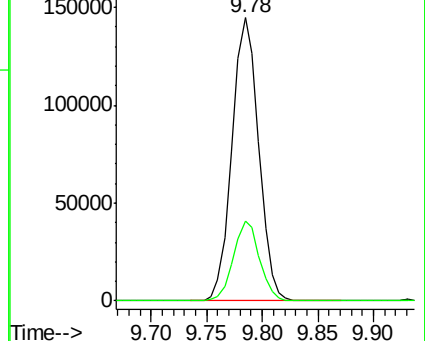
63 100

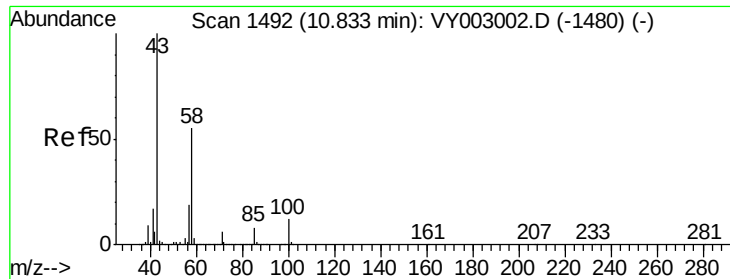
106 27.6 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





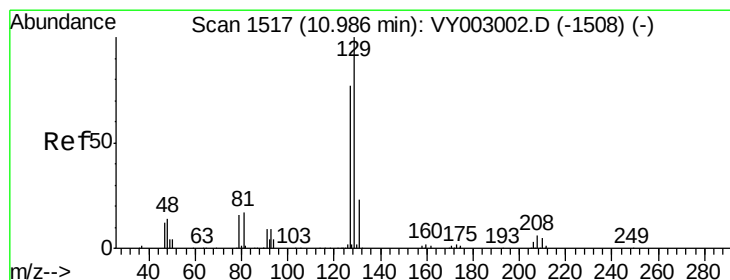
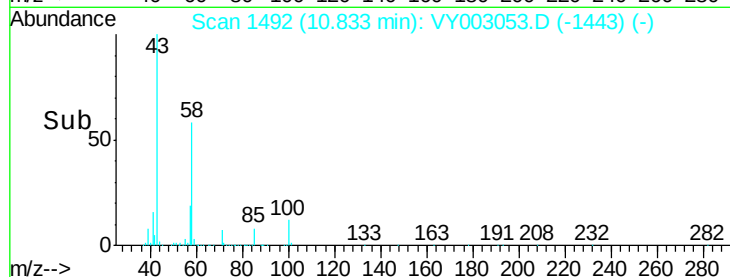
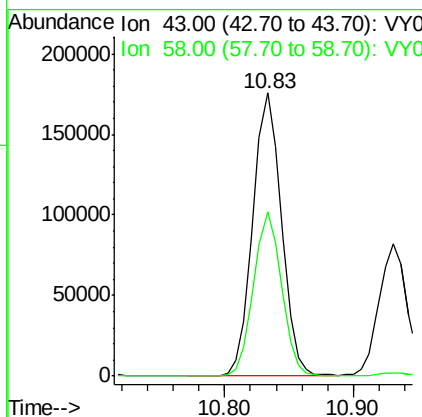
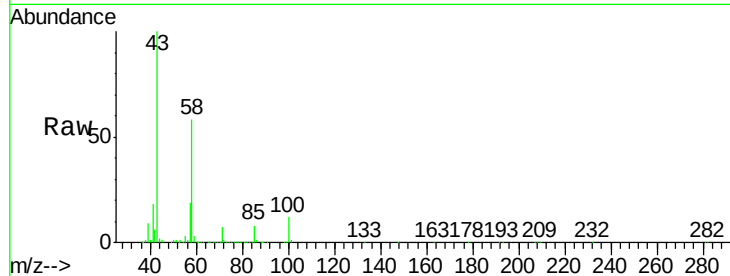
#59
2-Hexanone
Concen: 105.199 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion: 43 Resp: 269347
Ion Ratio Lower Upper
43 100
58 56.7 27.5 82.4

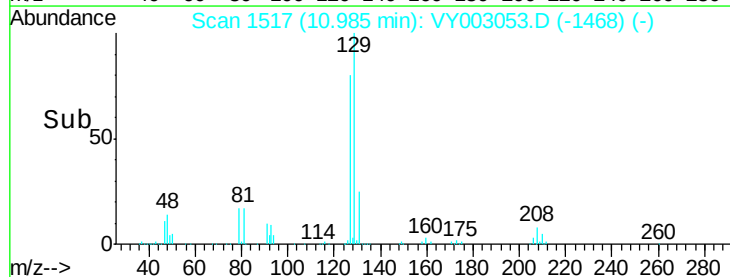
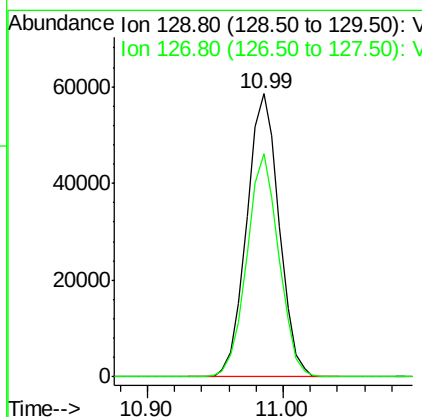
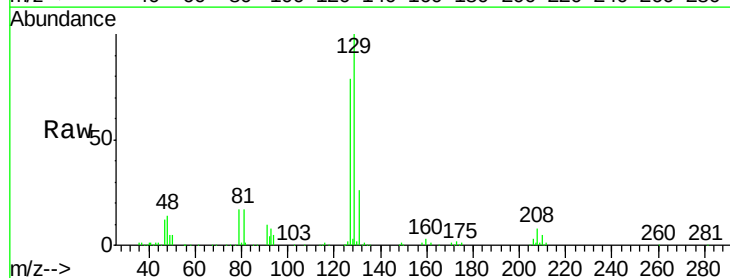
Manual Integrations
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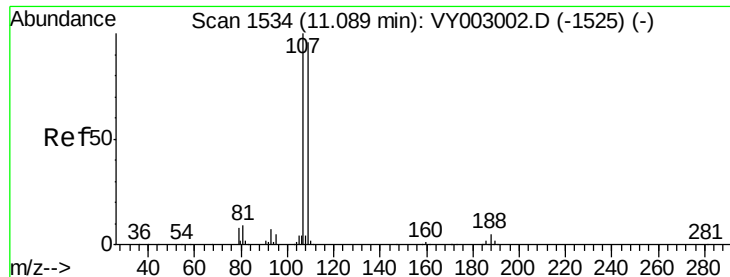
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#60
Dibromochloromethane
Concen: 21.551 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 129 Resp: 97756
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3





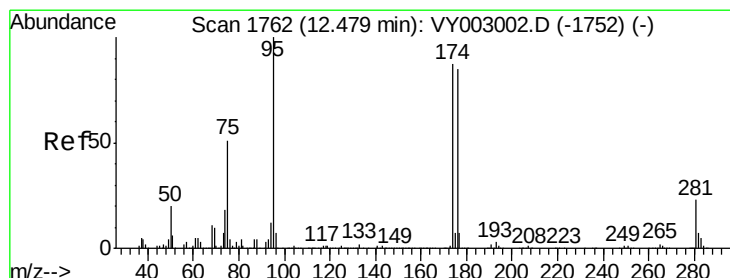
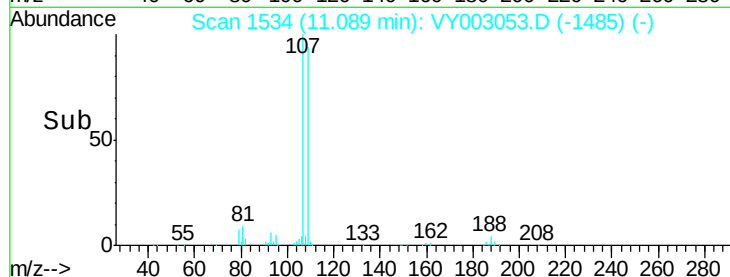
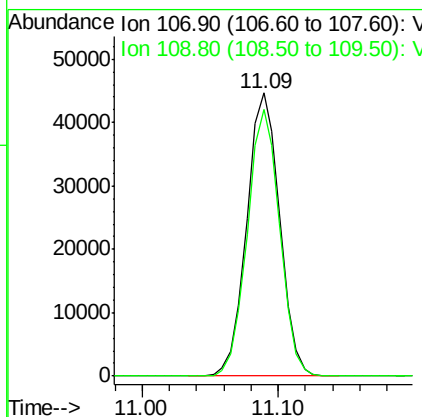
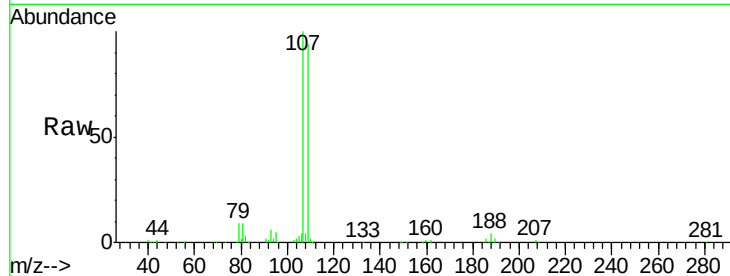
#61
 1,2-Dibromoethane
 Concen: 21.671 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.8	113.8

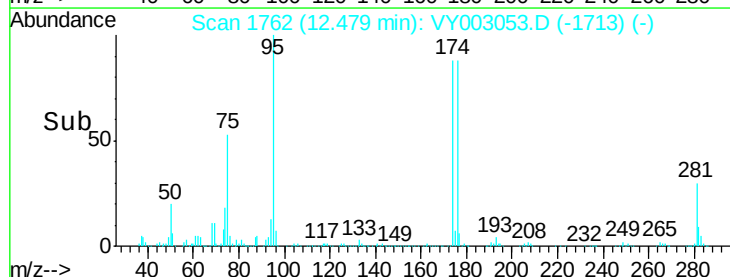
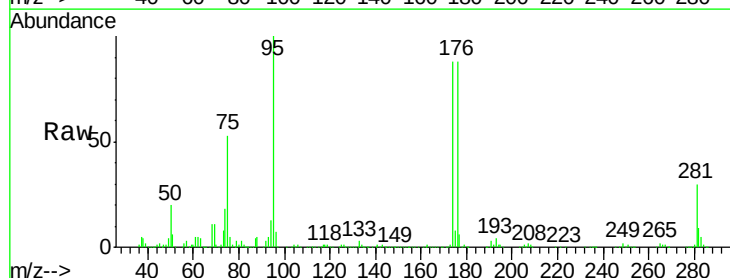
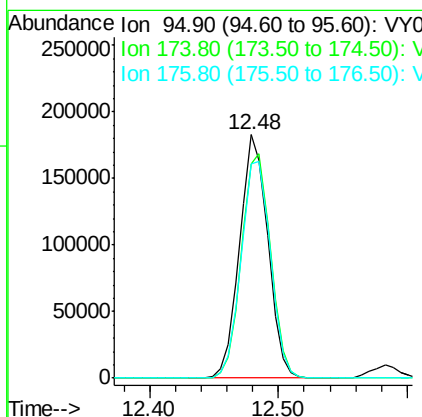
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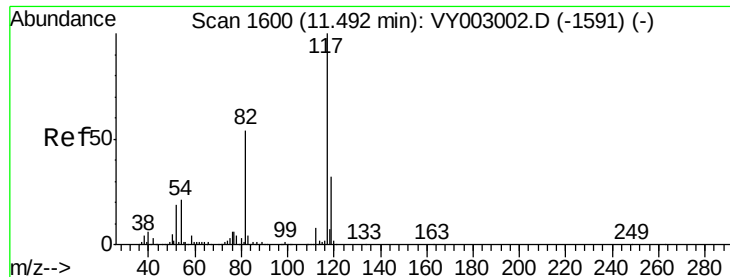
sam
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#62
 4-Bromofluorobenzene
 Concen: 52.696 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	184.8
176	92.4	0.0	183.0





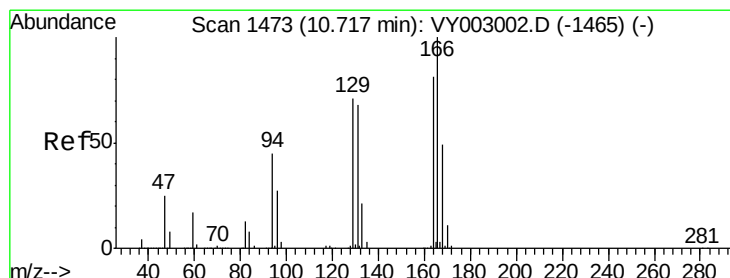
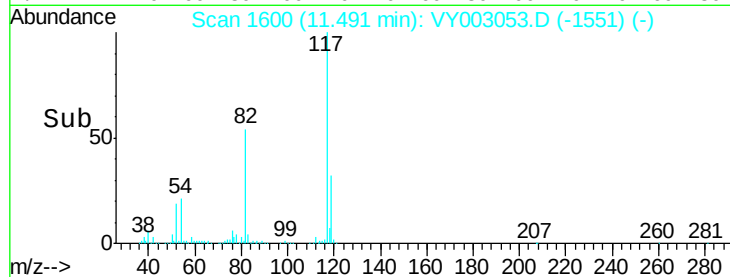
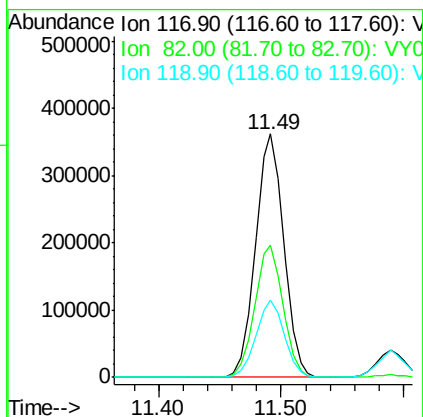
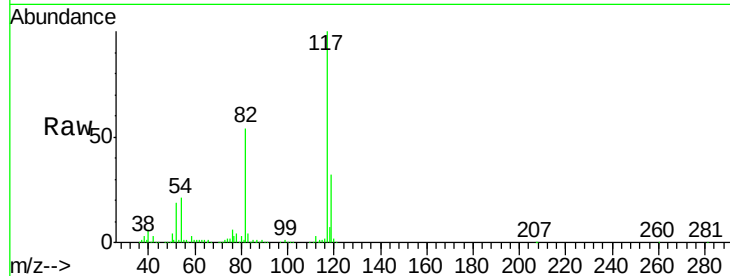
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.6
119	31.7	25.8	38.8

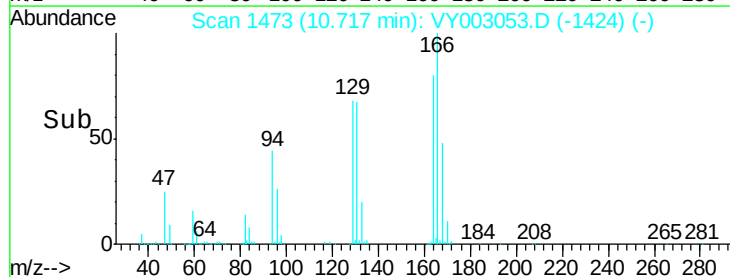
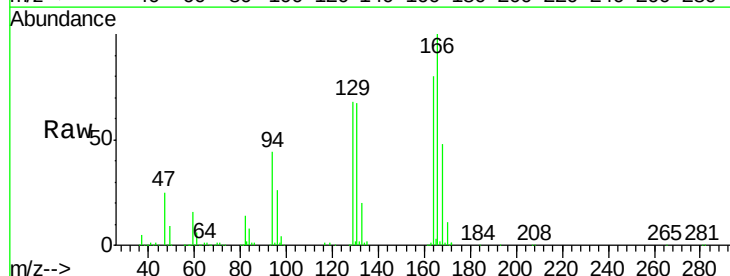
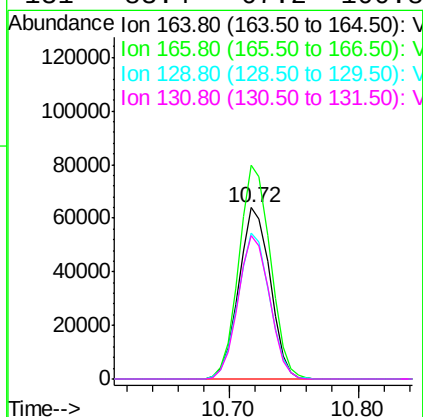
Manual Integrations
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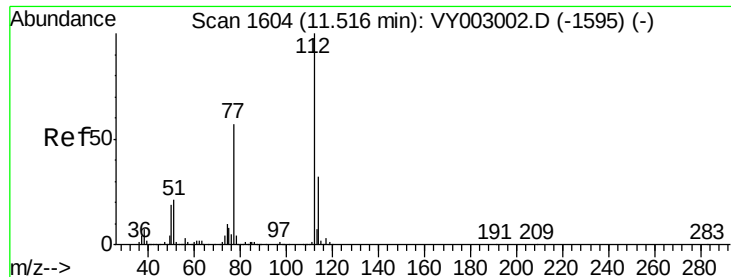
sam
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#64
Tetrachloroethene
Concen: 21.820 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	98.5	147.7
129	85.1	69.7	104.5
131	83.4	67.2	100.8





#65

Chlorobenzene

Concen: 22.004 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion:112 Resp: 253668

Ion Ratio Lower Upper

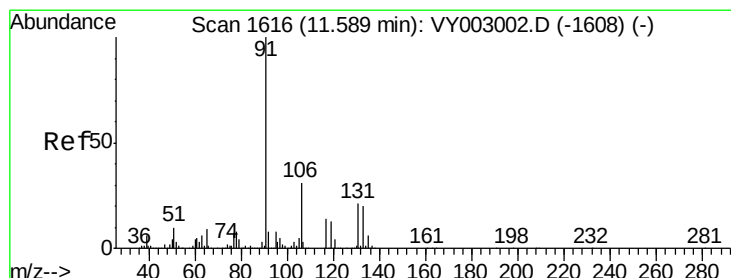
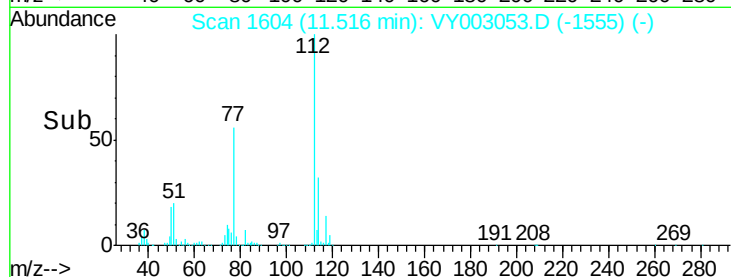
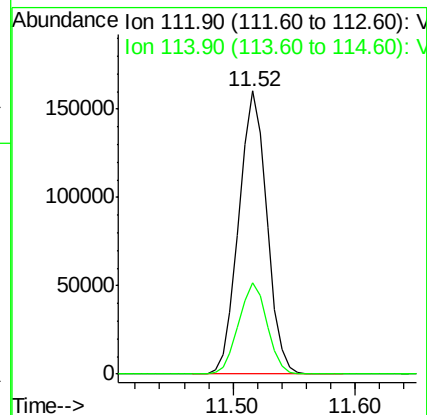
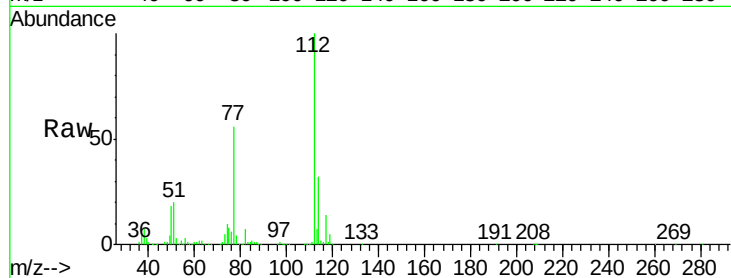
112 100

114 32.1 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 21.398 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

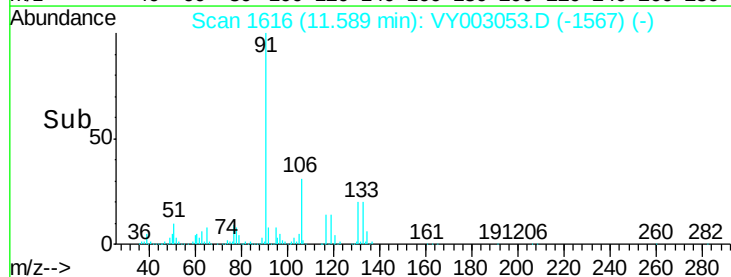
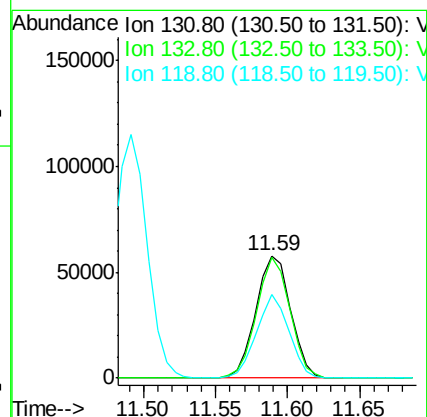
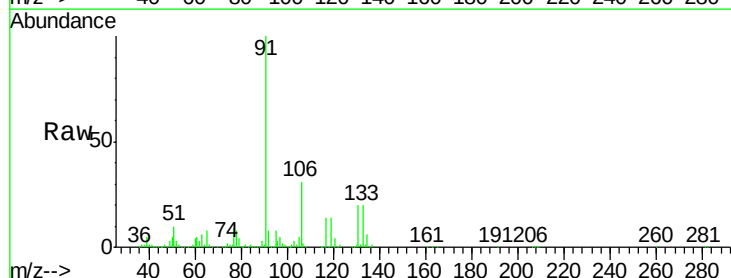
Tgt Ion:131 Resp: 96309

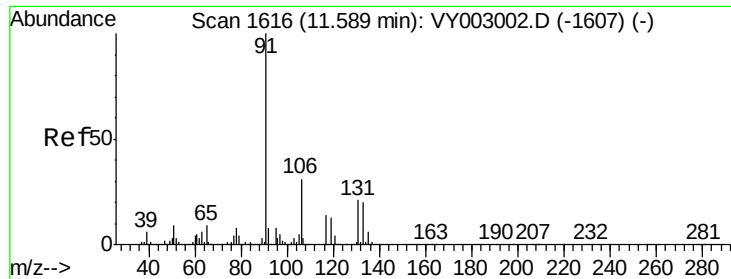
Ion Ratio Lower Upper

131 100

133 94.6 47.9 143.8

119 63.8 31.8 95.3





#67

Ethyl Benzene

Concen: 21.651 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion: 91 Resp: 456626

Ion Ratio Lower Upper

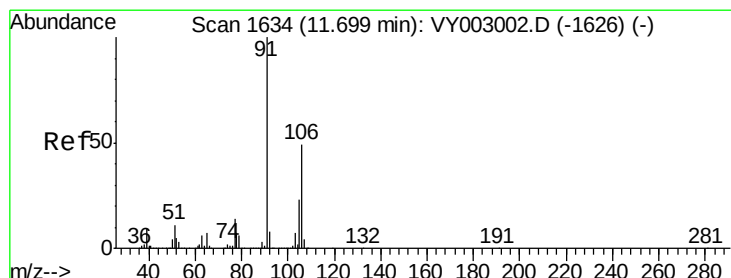
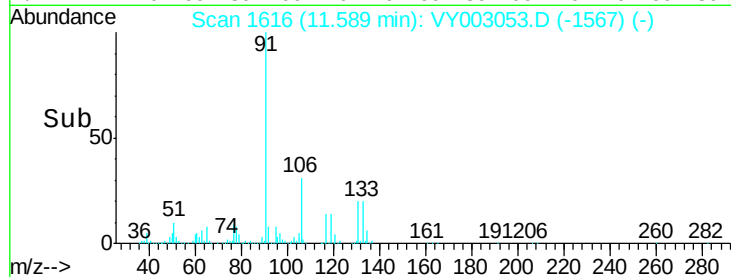
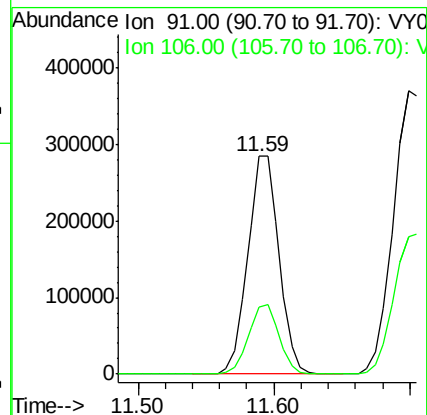
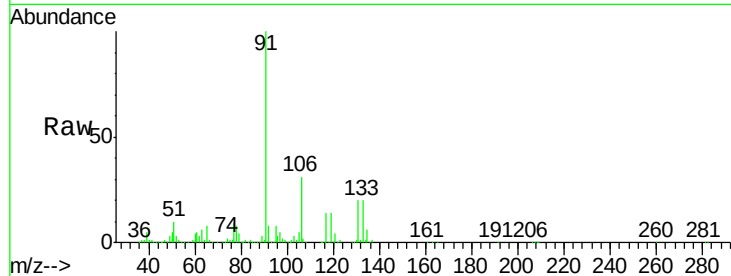
91 100

106 30.9 25.0 37.4

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#68

m/p-Xylenes

Concen: 43.199 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY003053.D

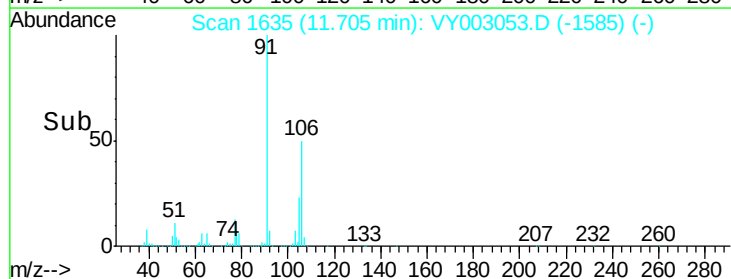
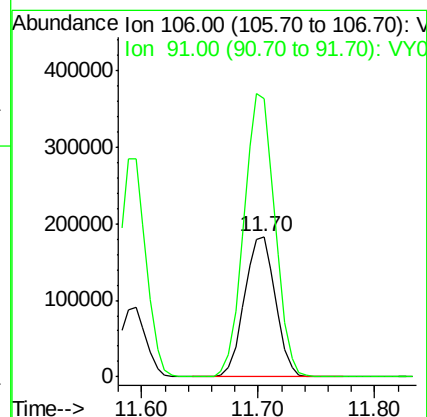
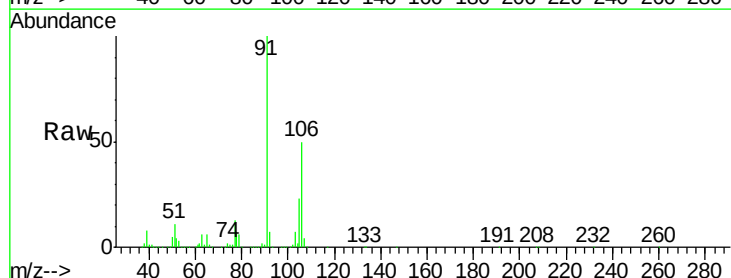
Acq: 01 Jul 2020 12:51

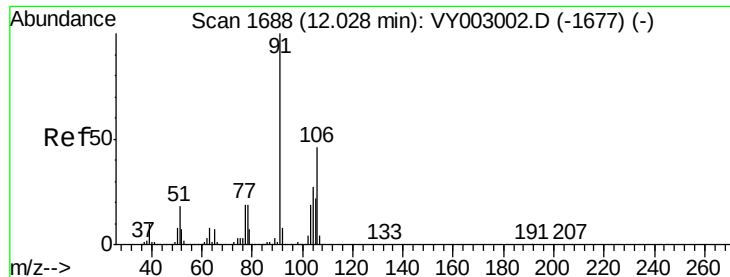
Tgt Ion: 106 Resp: 339086

Ion Ratio Lower Upper

106 100

91 201.9 161.9 242.9





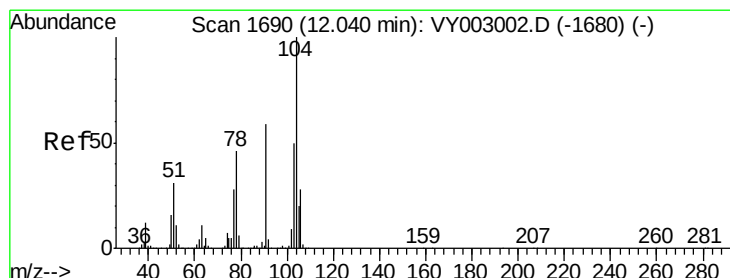
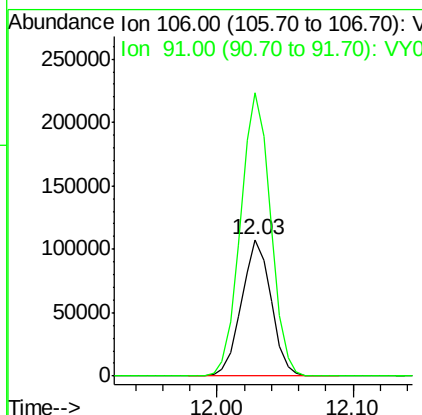
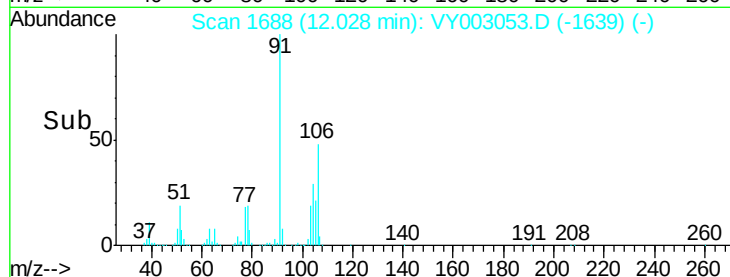
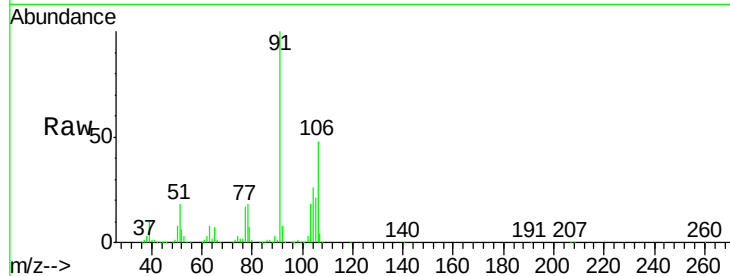
#69
o-Xylene
Concen: 22.025 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion:106 Resp: 162912
Ion Ratio Lower Upper
106 100
91 211.1 107.9 323.8

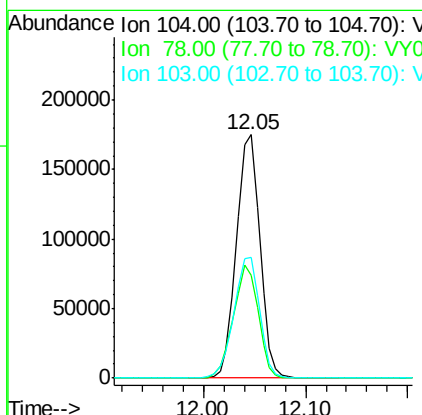
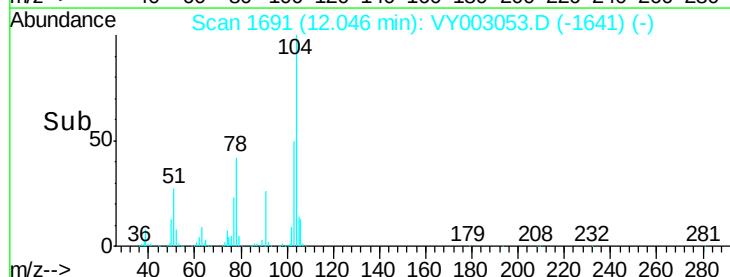
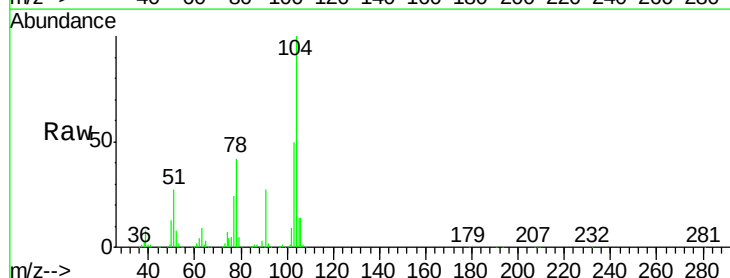
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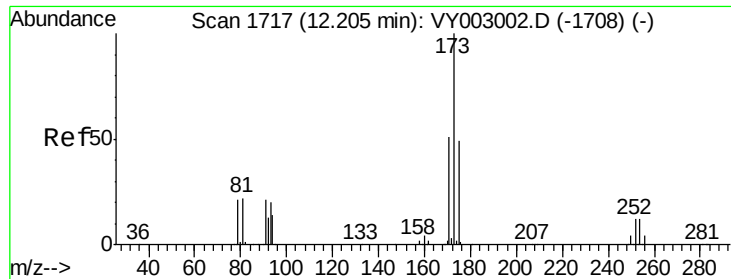
sam
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#70
Styrene
Concen: 21.990 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion:104 Resp: 277868
Ion Ratio Lower Upper
104 100
78 49.0 40.4 60.6
103 54.3 44.1 66.1





#71

Bromoform

Concen: 22.093 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion:173 Resp: 66306

Ion Ratio Lower Upper

173 100

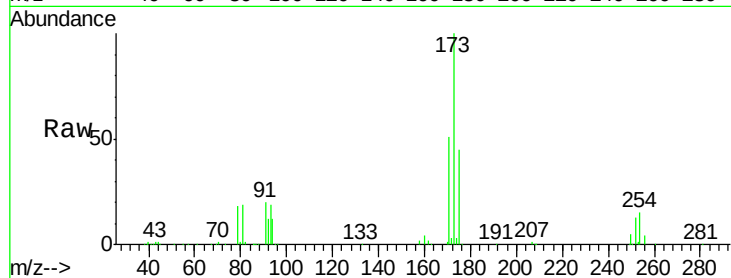
175 47.9 24.6 73.6

254 0.0 0.2 0.2#

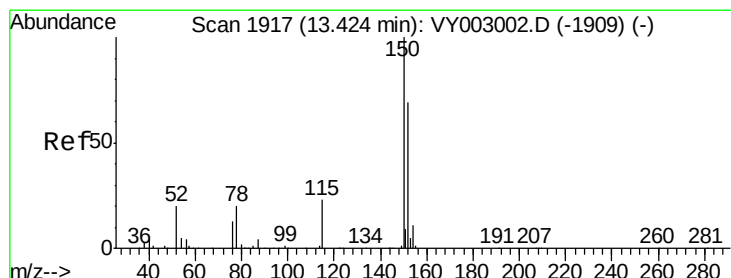
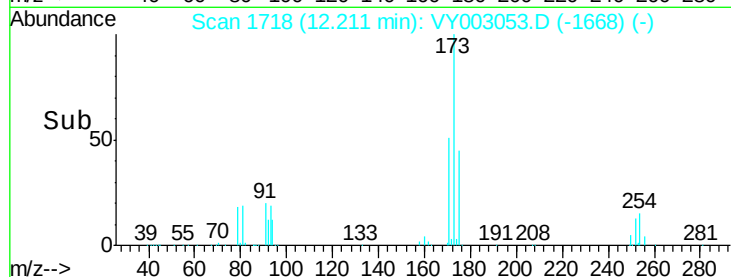
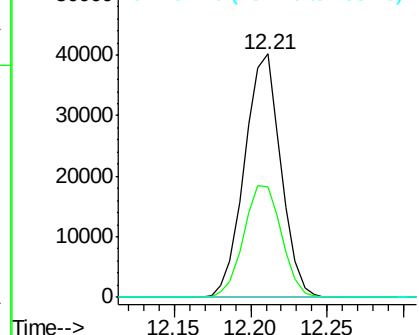
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

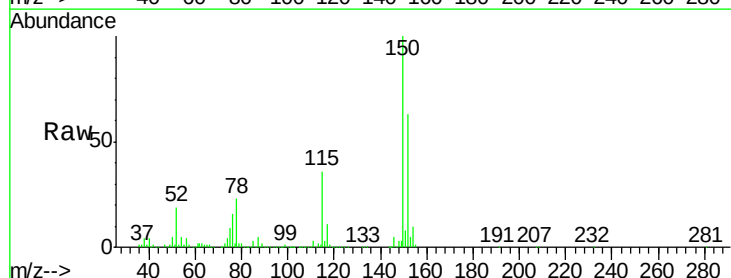
Tgt Ion:152 Resp: 312036

Ion Ratio Lower Upper

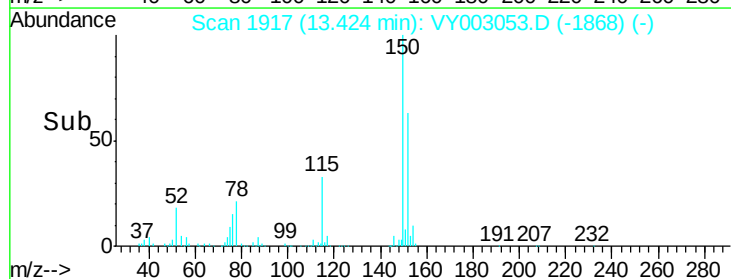
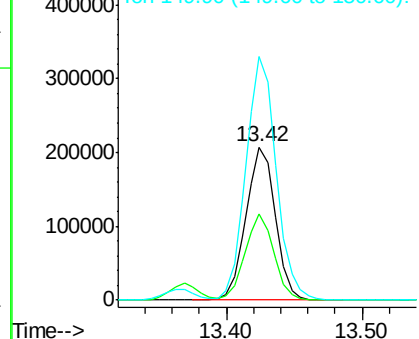
152 100

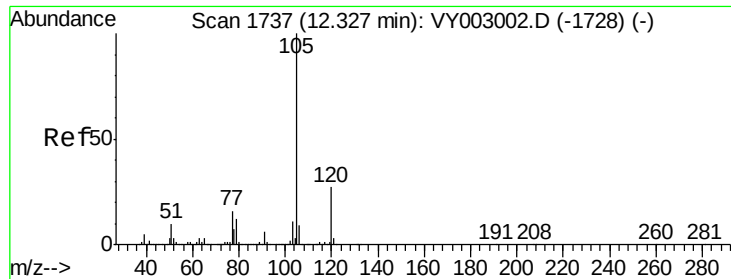
115 55.2 27.3 81.9

150 164.5 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.958 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion: 105 Resp: 448421

Ion Ratio Lower Upper

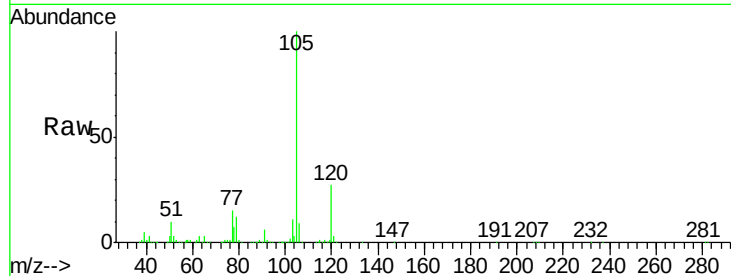
105 100

120 26.2 13.4 40.1

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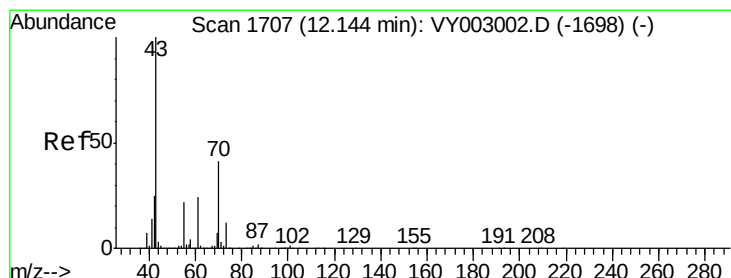
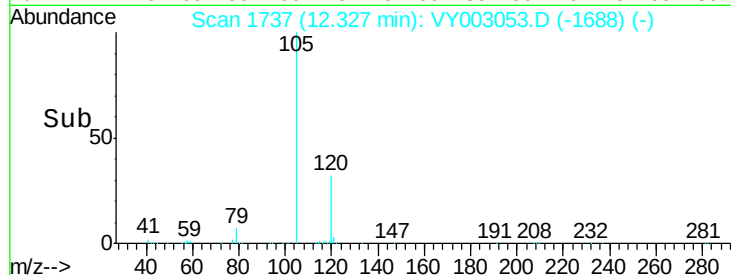
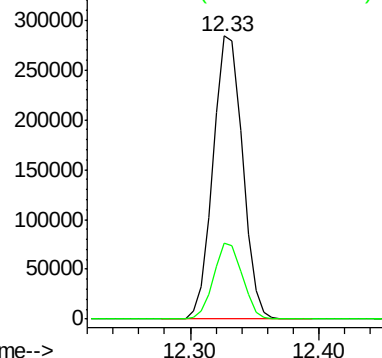
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.120 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion: 43 Resp: 133763

Ion Ratio Lower Upper

43 100

70 42.7 33.0 49.4

55 23.4 18.2 27.2

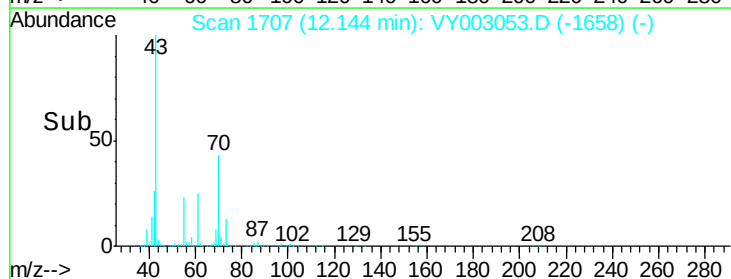
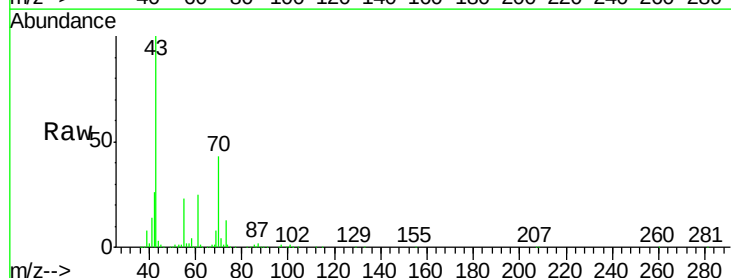
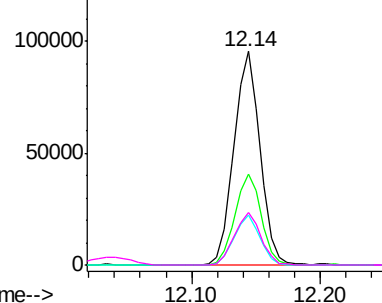
61 24.8 19.4 29.2

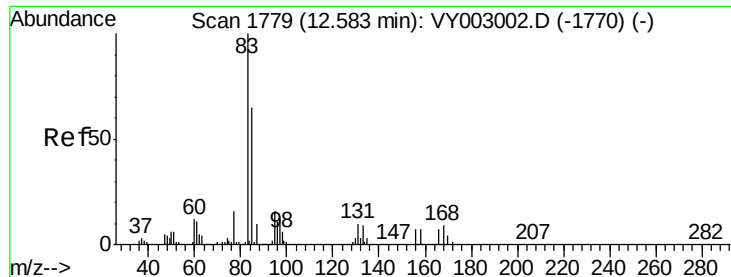
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.726 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

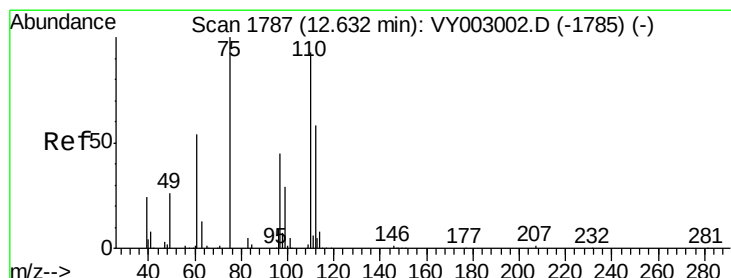
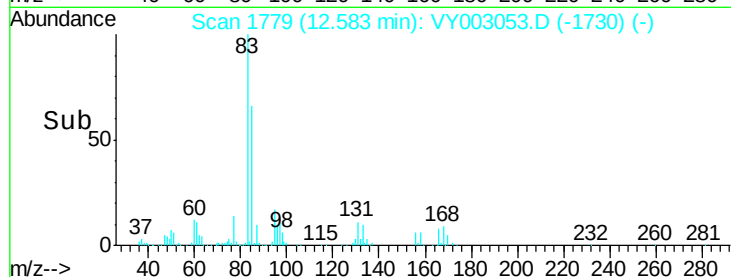
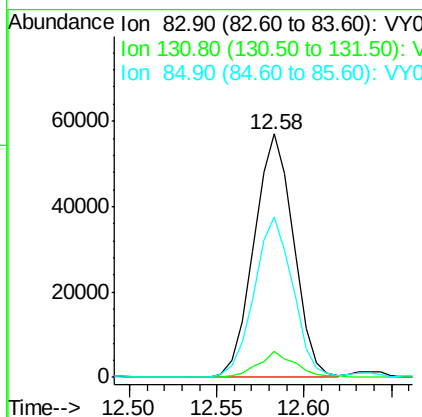
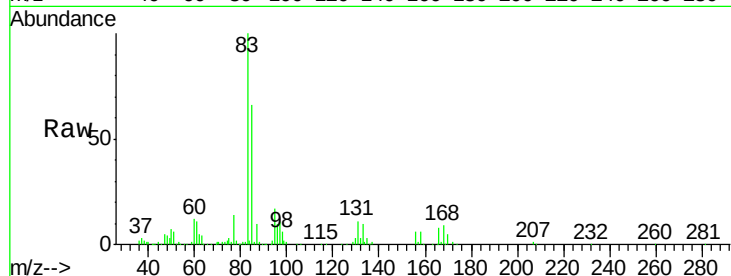
ClientSampleId :

VY0701SBS01

Tot Ion:	83	Resp:	89535
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.3	16.1
85	64.6	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.076 ug/l m

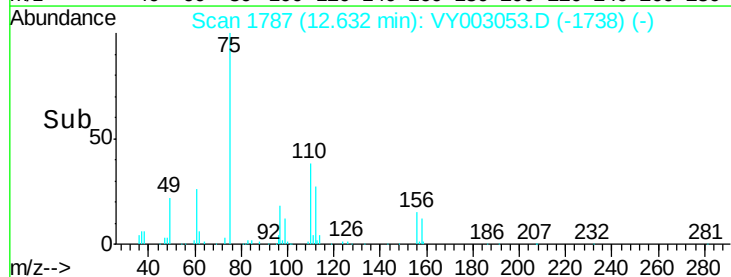
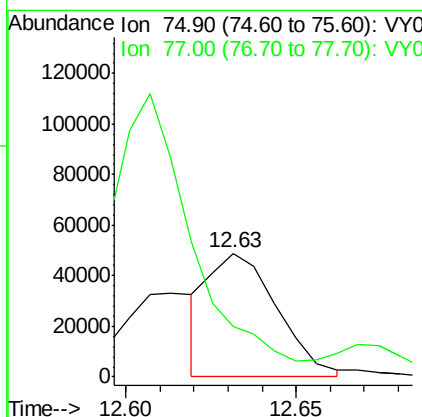
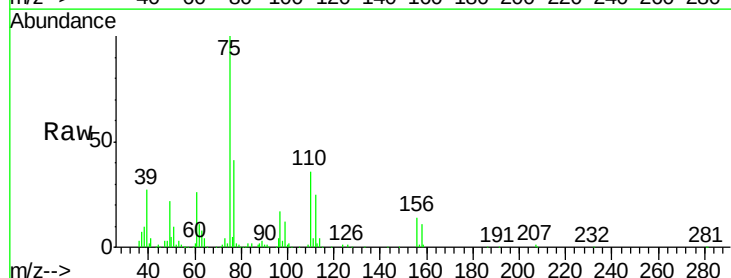
RT: 12.63 min Scan# 1787

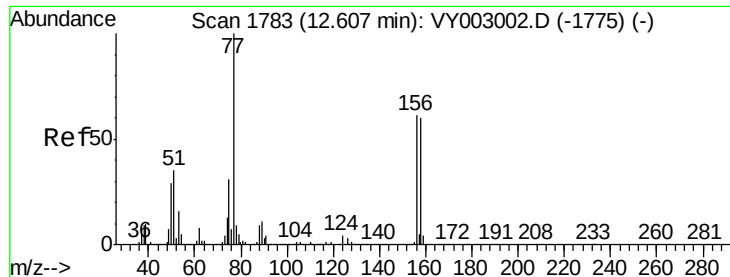
Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion:	75	Resp:	68176
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.404 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

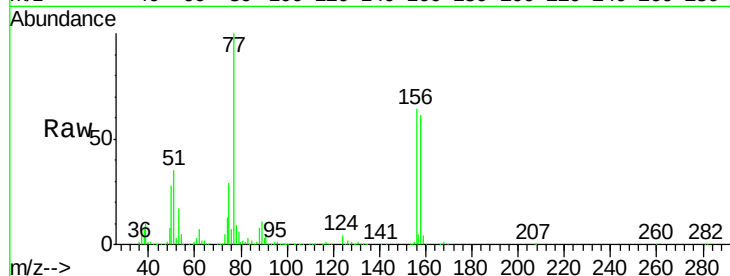
ClientSampleId :

VY0701SBS01

Tot Ion:	156	Resp:	112071
Ion Ratio	Lower	Upper	
156	100		
77	172.3	90.0	270.0
158	95.6	48.5	145.5

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Abundance Ion 155.80 (155.50 to 156.50): VY003002.D (-1775) (-)

Ion 77.00 (76.70 to 77.70): VY003002.D (-1775) (-)

Ion 157.80 (157.50 to 158.50): VY003002.D (-1775) (-)

150000

100000

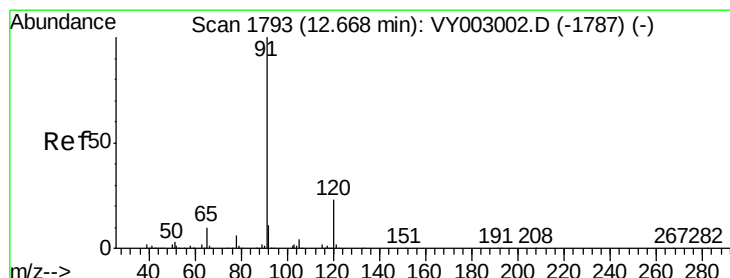
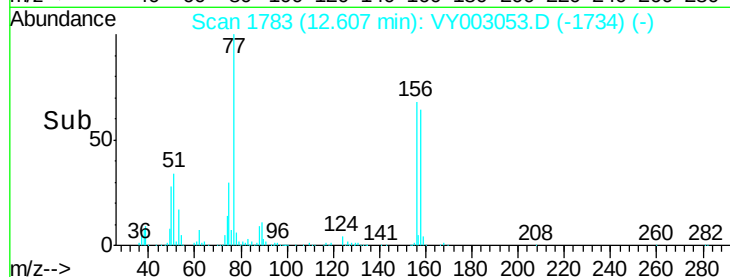
50000

0

12.55 12.60 12.65

12.61

Time-->



#78

n-propylbenzene

Concen: 20.904 ug/l

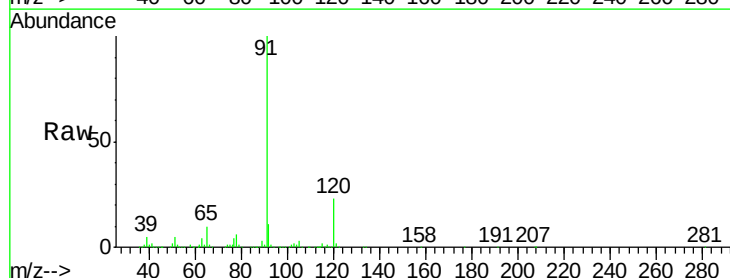
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion:	91	Resp:	513400
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VY003002.D (-1787) (-)

400000

300000

200000

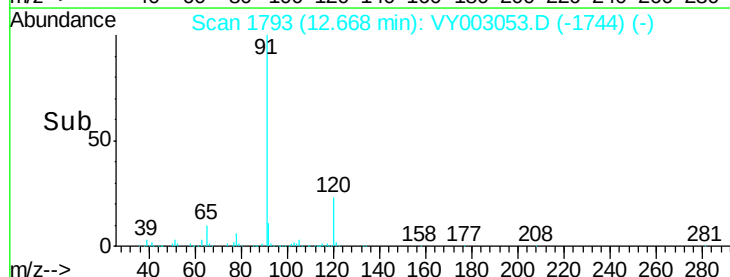
100000

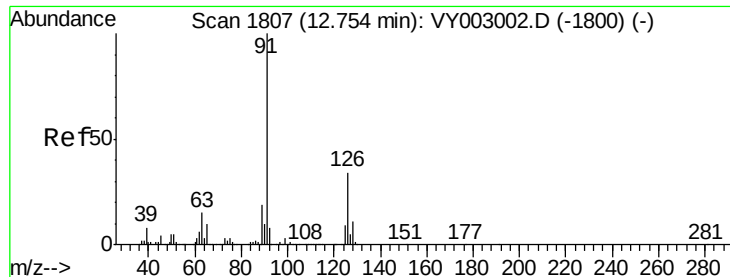
0

12.60 12.65 12.70

12.67

Time-->





#79

2-Chlorotoluene

Concen: 20.877 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion: 91 Resp: 286194

Ion Ratio Lower Upper

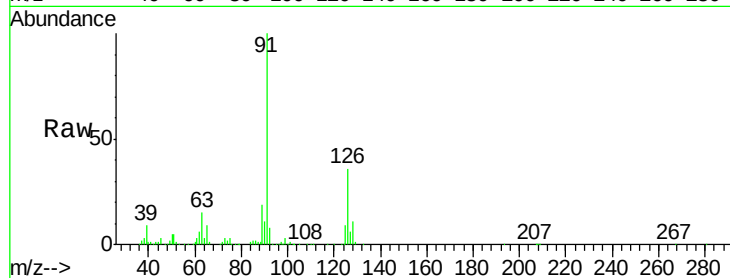
91 100

126 35.4 17.1 51.3

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Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003002.D (-1800) (-)

400000

300000

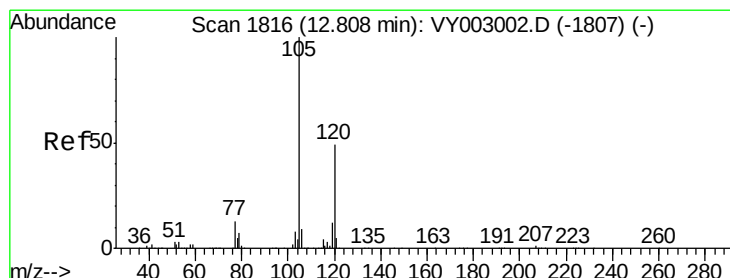
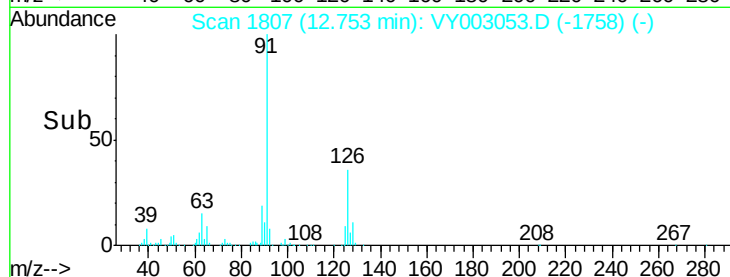
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.840 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003053.D

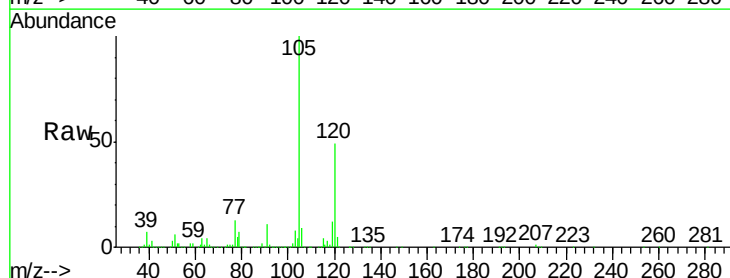
Acq: 01 Jul 2020 12:51

Tgt Ion: 105 Resp: 374255

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003002.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY003002.D (-1807) (-)

250000

200000

150000

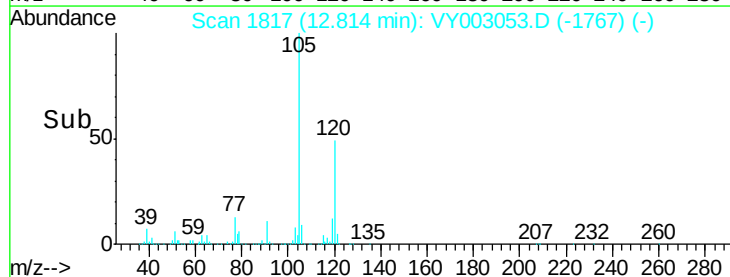
100000

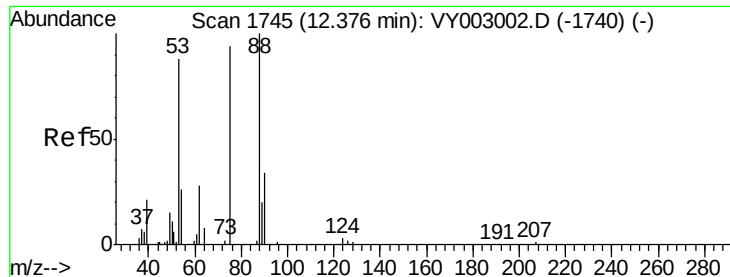
50000

0

12.80 12.81 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.103 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

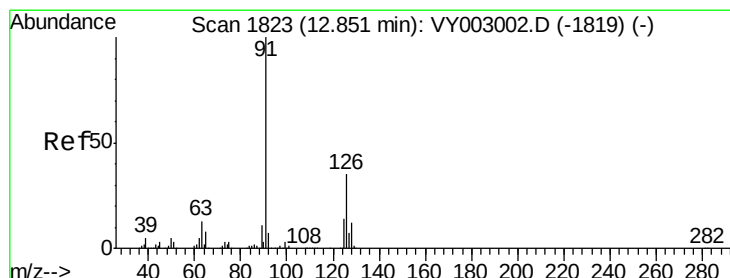
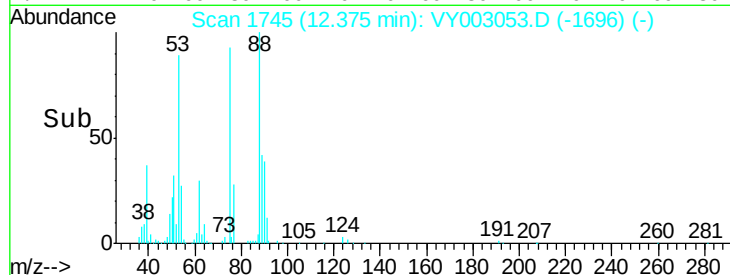
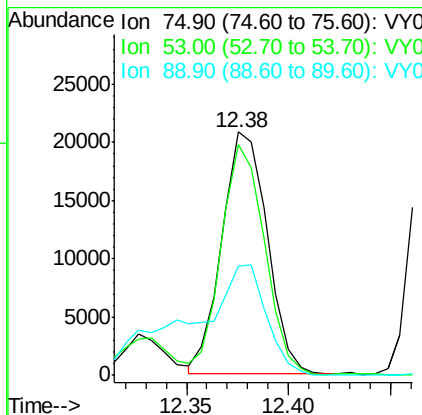
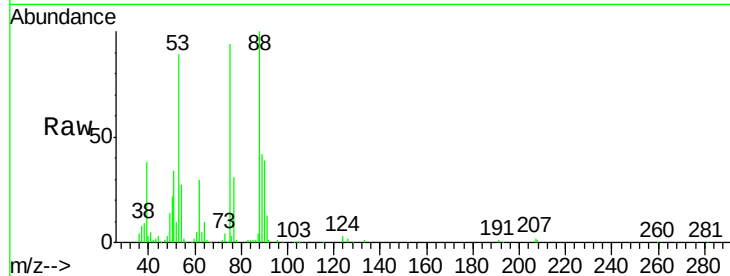
ClientSampleId :

VY0701SBS01

Tot Ion:	75	Resp:	31910
Ion	Ratio	Lower	Upper
75	100		
53	91.8	73.9	110.9
89	80.8	37.5	56.3#

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#82

4-Chlorotoluene

Concen: 21.514 ug/l

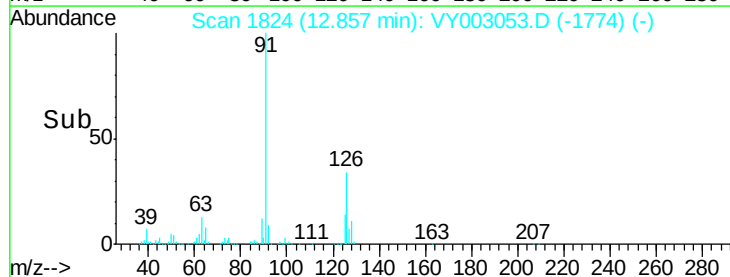
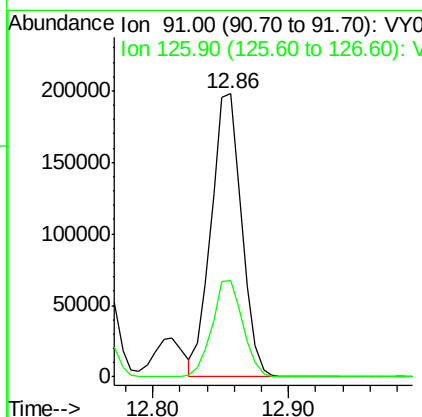
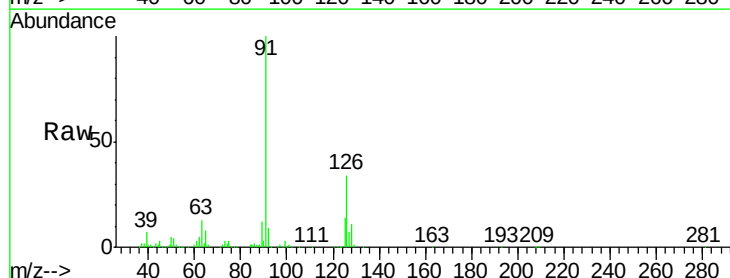
RT: 12.86 min Scan# 1824

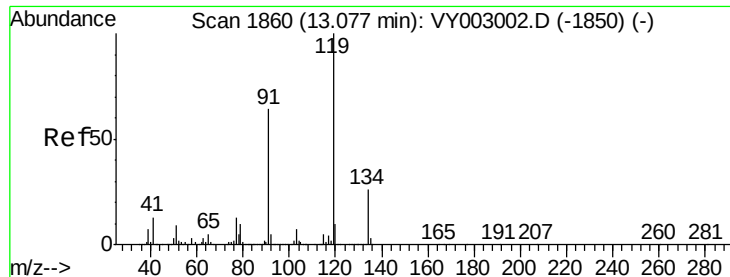
Delta R.T. 0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion:	91	Resp:	307067
Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.4	52.3





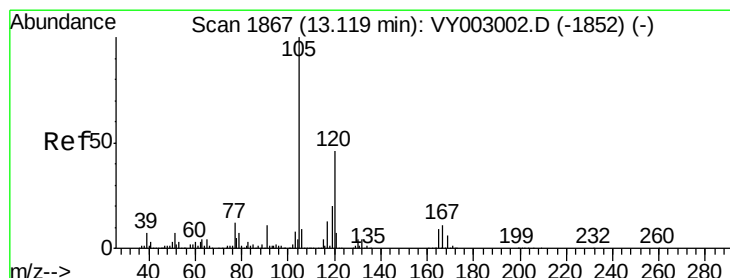
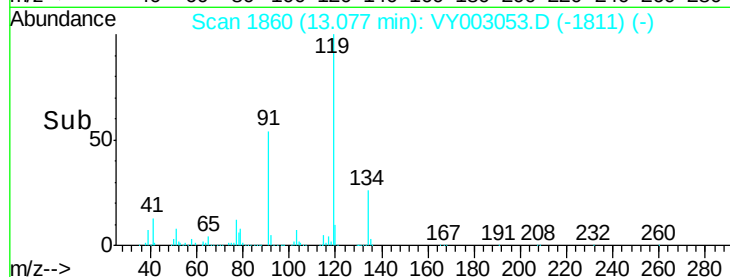
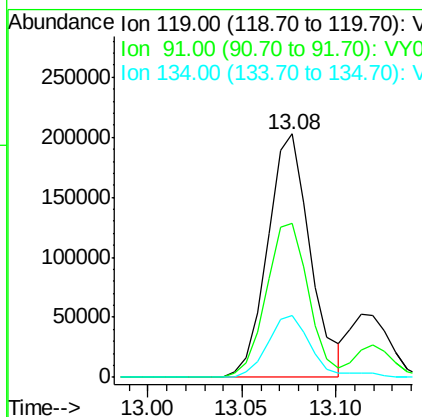
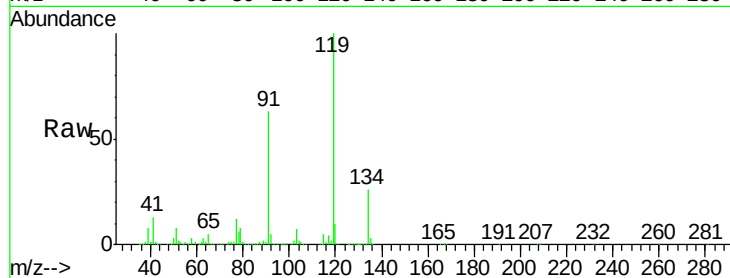
#83
tert-Butylbenzene
Concen: 21.152 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	31.6	95.0
134	26.4	13.2	39.5

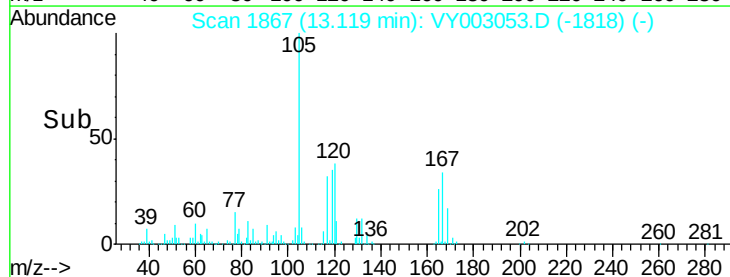
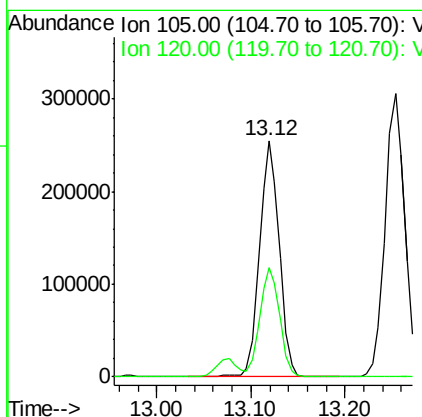
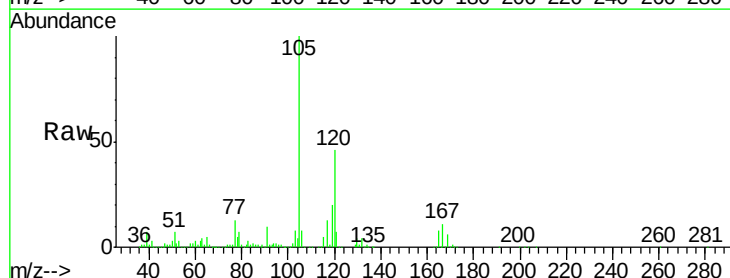
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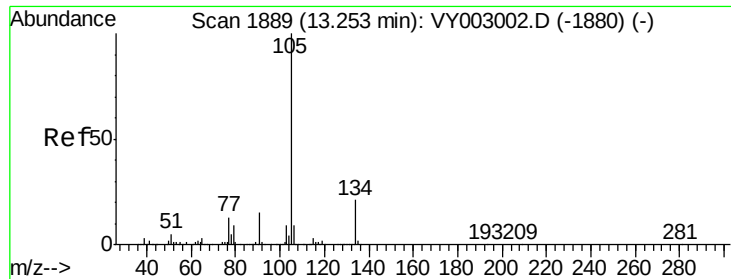
sam
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#84
1,2,4-Trimethylbenzene
Concen: 21.780 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.6	67.8





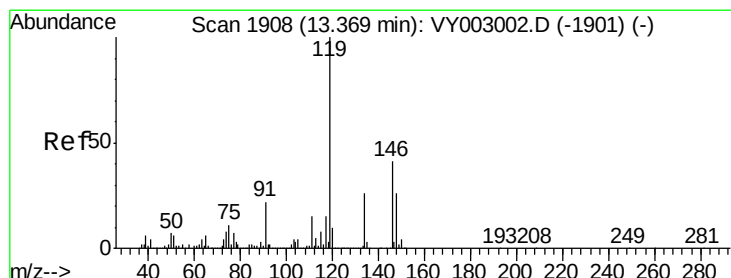
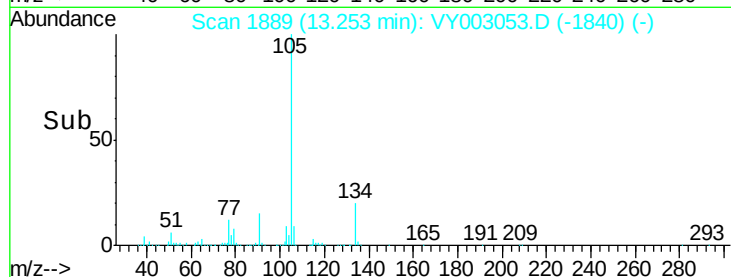
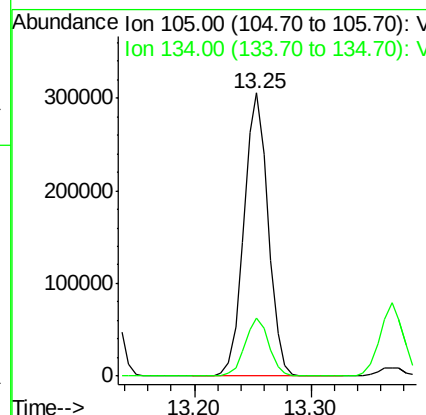
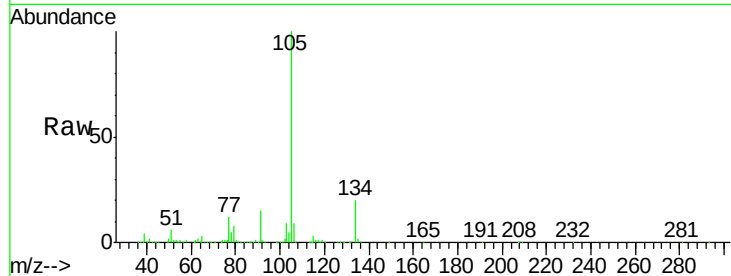
#85
 sec-Butylbenzene
 Concen: 21.319 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.4	31.2

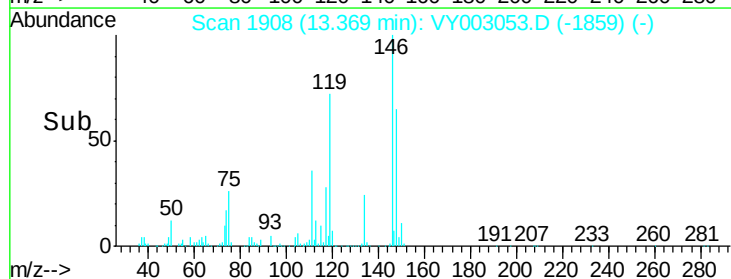
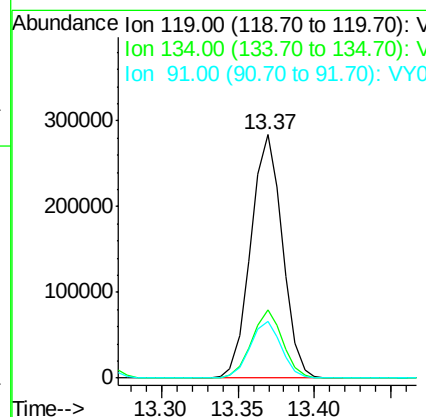
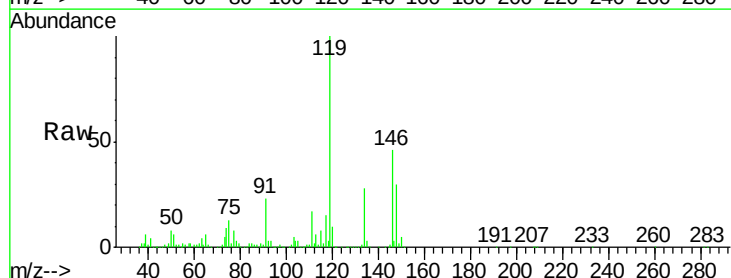
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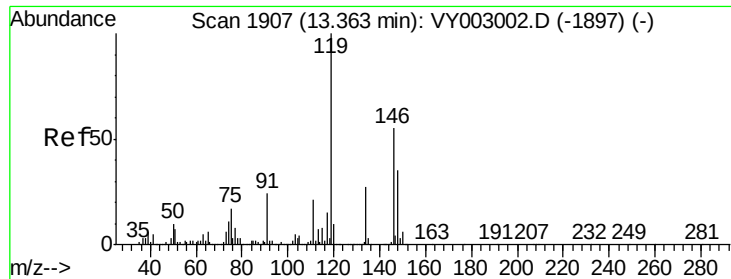
sam
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#86
 p-Isopropyltoluene
 Concen: 21.152 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.5	40.4
91	23.0	11.5	34.5





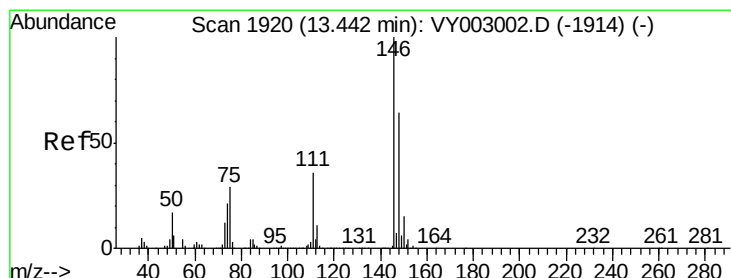
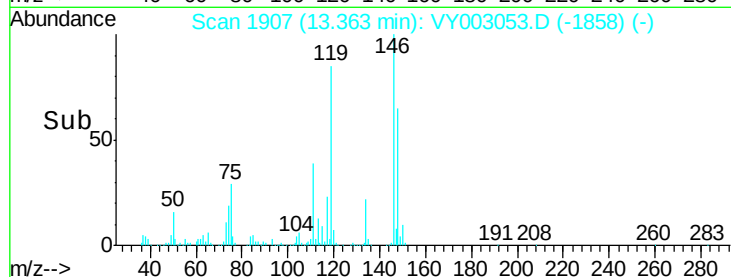
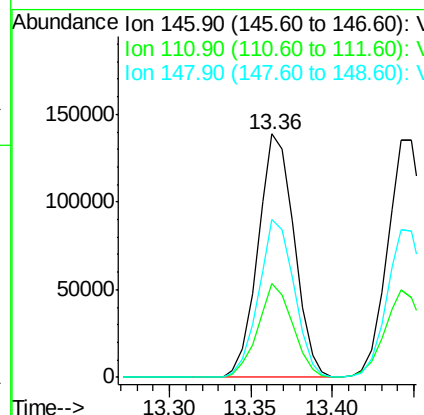
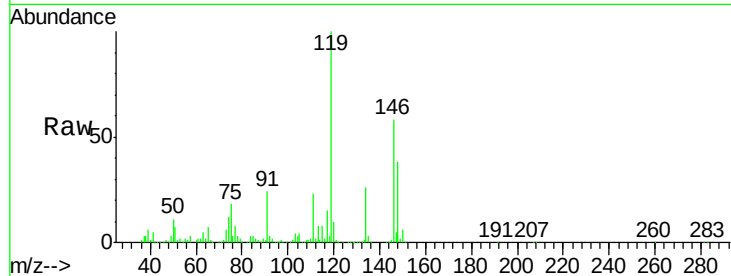
#87
 1,3-Dichlorobenzene
 Concen: 21.809 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	213192		
111	37.3	18.8	56.3	
148	63.8	31.8	95.3	

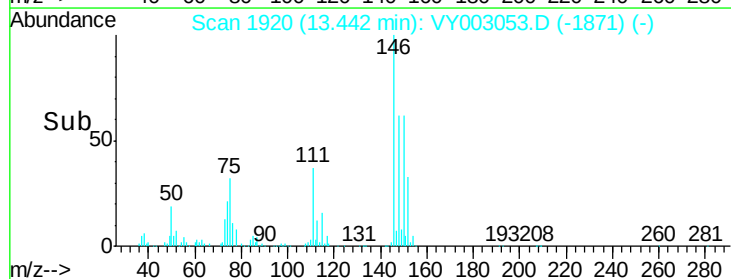
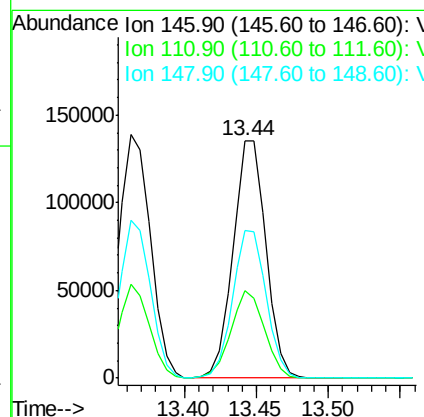
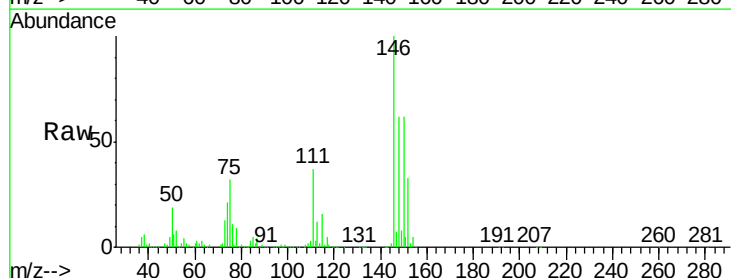
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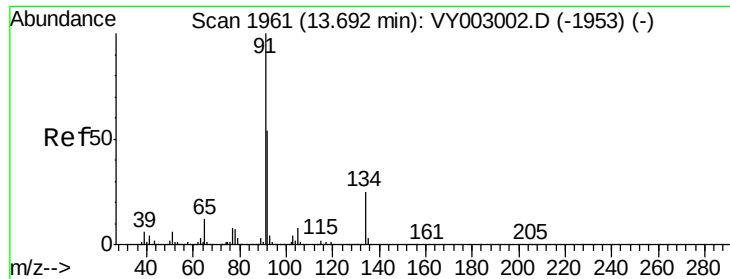
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#88
 1,4-Dichlorobenzene
 Concen: 22.454 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	216438		
111	37.6	18.4	55.4	
148	63.1	32.3	96.9	





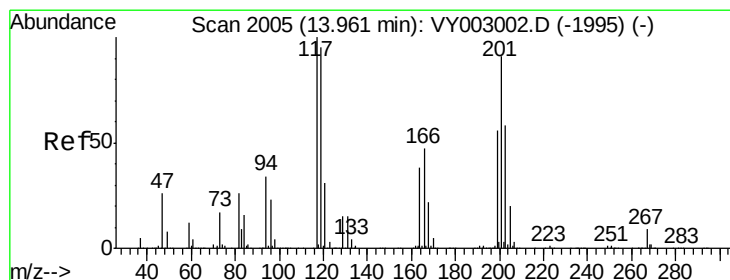
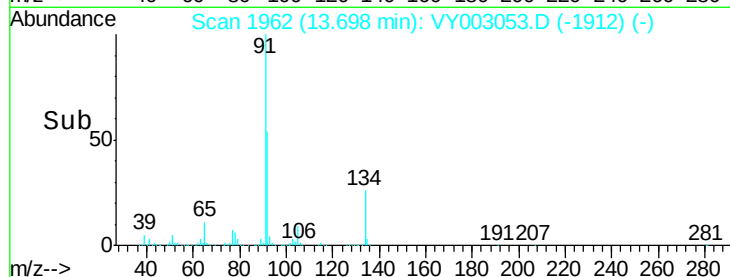
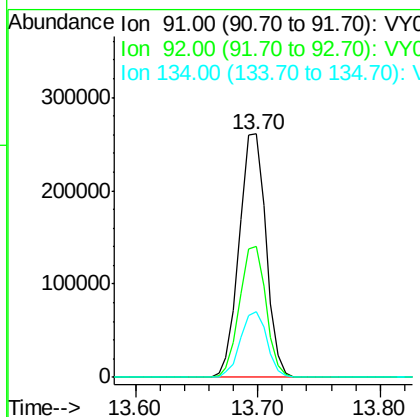
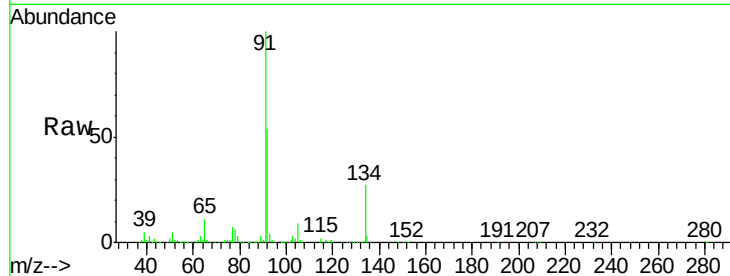
#89
n-Butylbenzene
Concen: 21.487 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.3
134	26.9	13.1	39.1

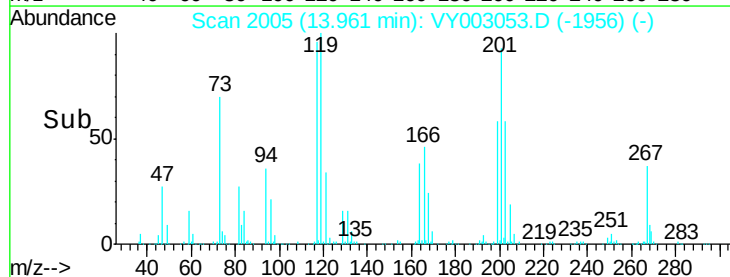
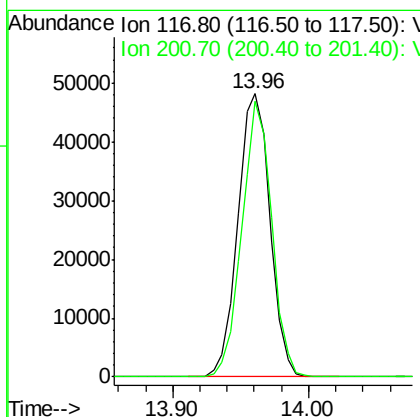
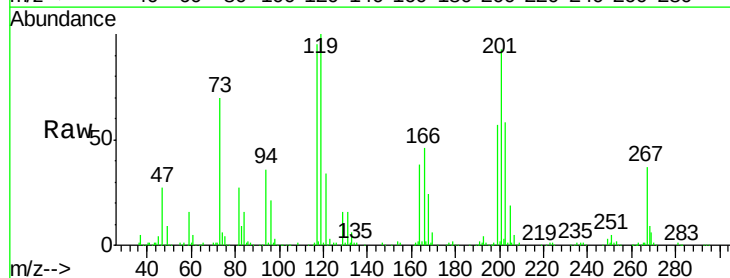
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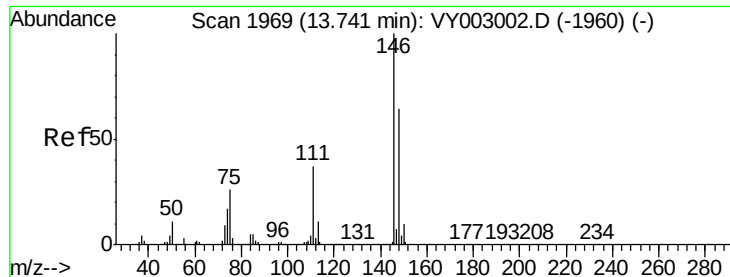
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#90
Hexachloroethane
Concen: 20.783 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 22.183 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

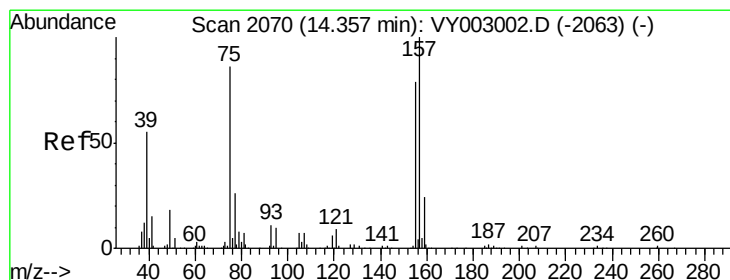
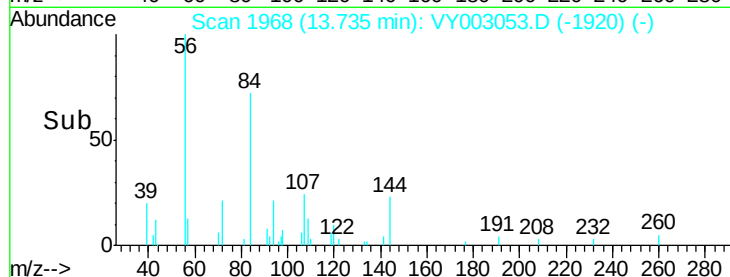
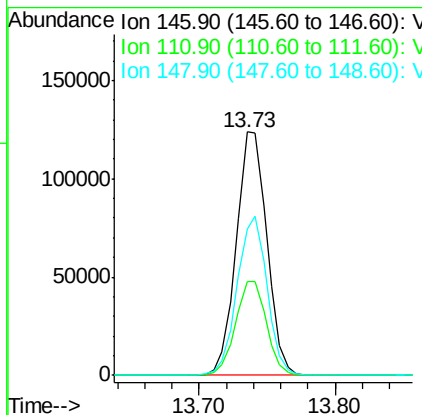
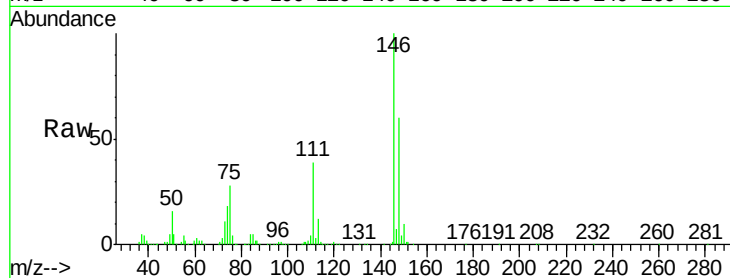
ClientSampleId :

VY0701SBS01

Tot Ion:	146	Resp:	194560
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.1	57.5
148	63.7	31.8	95.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 22.132 ug/l

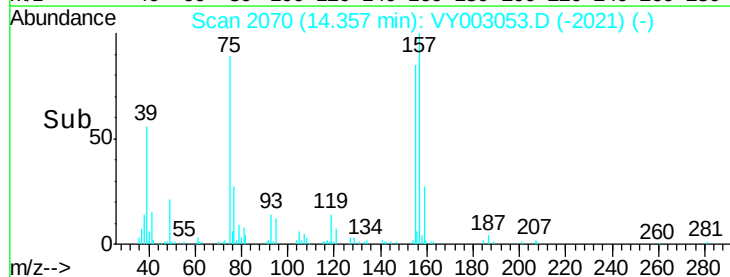
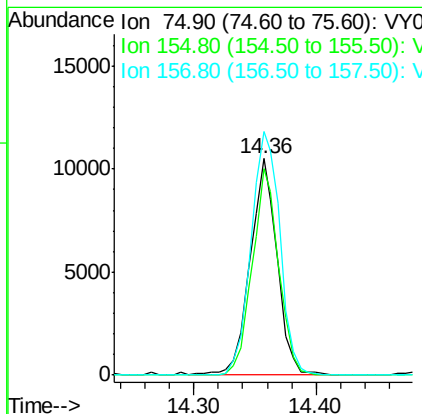
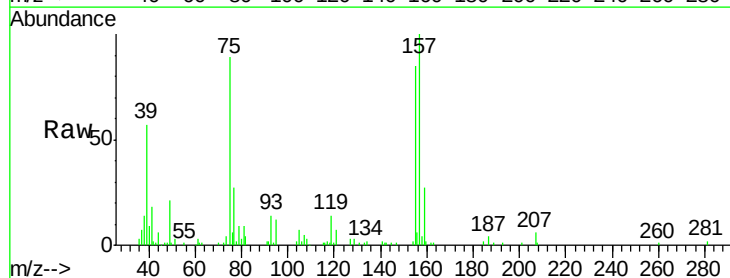
RT: 14.36 min Scan# 2070

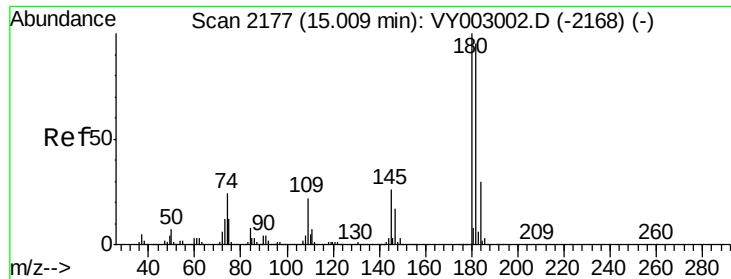
Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion:	75	Resp:	16146
Ion Ratio	Lower	Upper	
75	100		
155	93.4	46.5	139.3
157	120.1	59.2	177.5





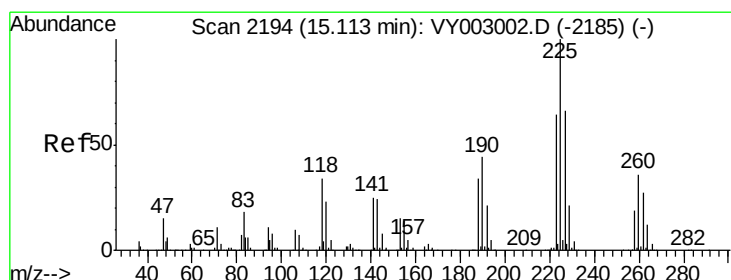
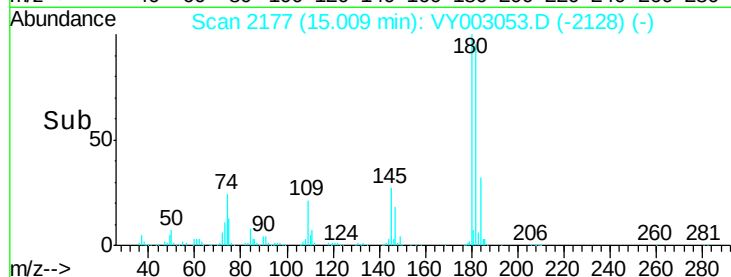
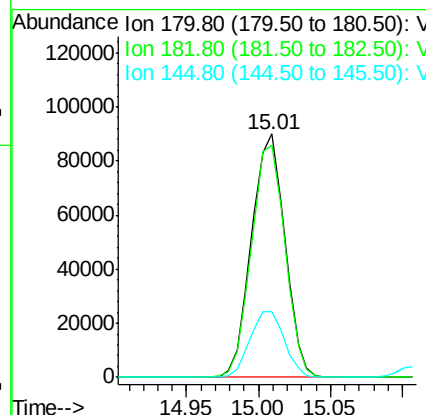
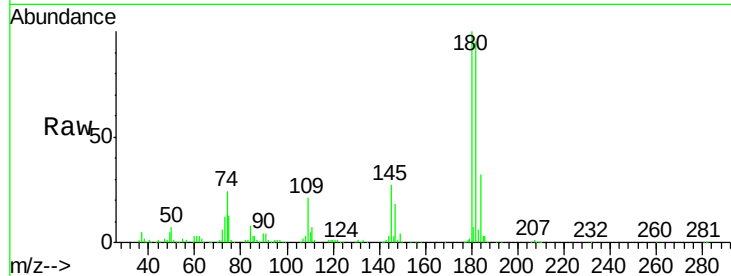
#93
 1,2,4-Trichlorobenzene
 Concen: 22.103 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	144050		
182	96.3	48.1	144.3	
145	28.1	13.9	41.6	

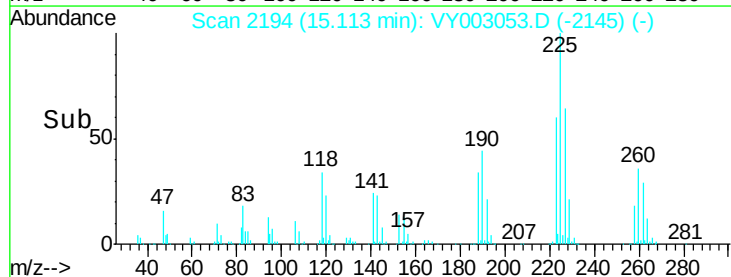
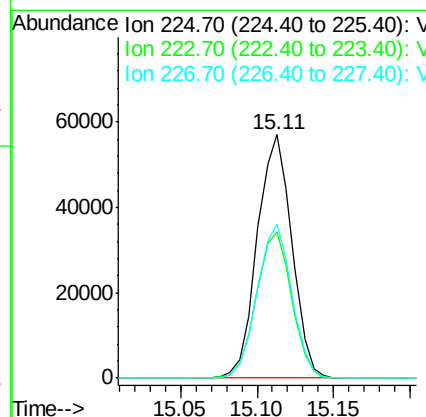
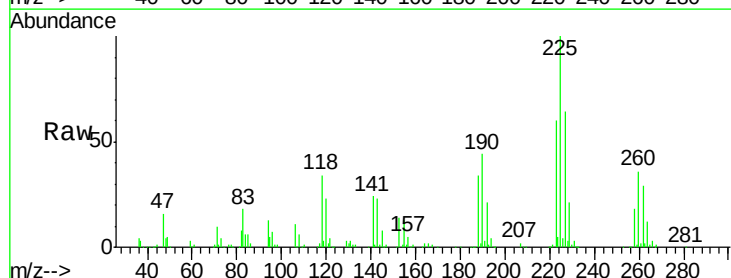
Manual Integrations
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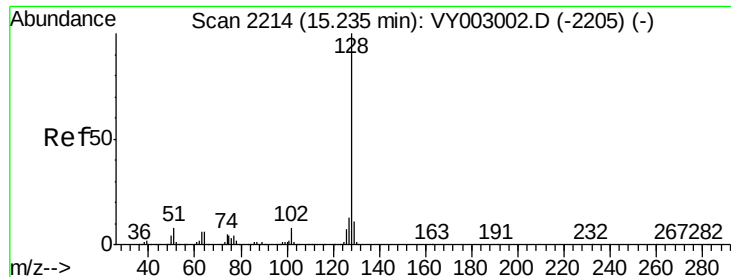
sam
 7/2/2020 4:48:47 PM



#94
 Hexachlorobutadiene
 Concen: 21.833 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89750		
223	61.4	32.4	97.0	
227	63.4	32.4	97.2	





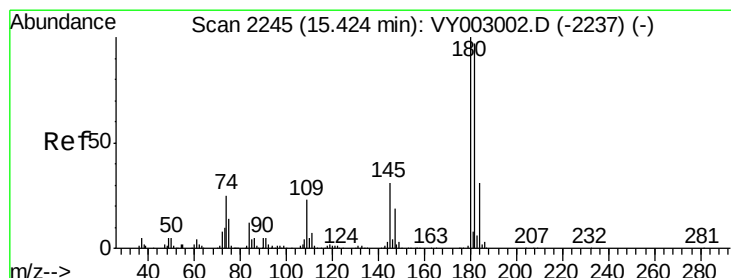
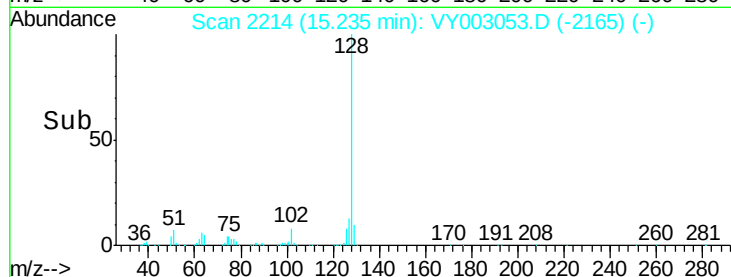
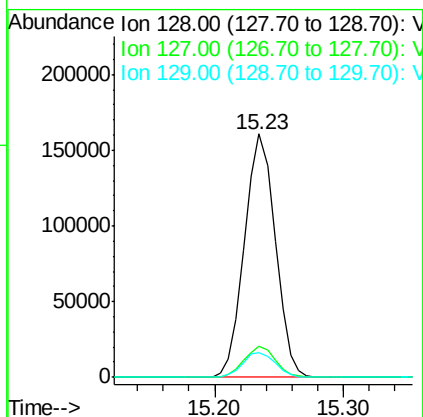
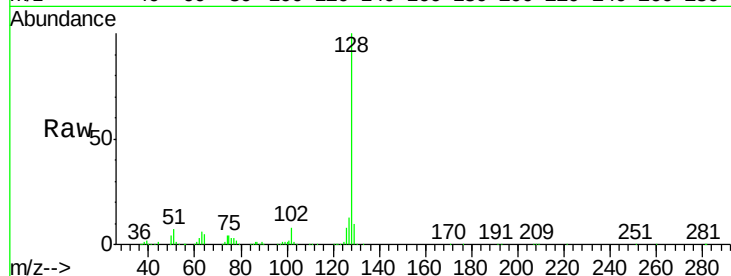
#95
Naphthalene
Concen: 22.331 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.7	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 22.035 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	29.7	14.7	44.1

