

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003310.D
 Acq On : 23 Jul 2020 12:33
 Operator : SY/MD
 Sample : VY0723SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 12:58:26 PM

Quant Time: Jul 24 07:45:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	444881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	654645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	599371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	324873	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	180196	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	7.72	113	171323	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
50) Toluene-d8	10.18	98	632776	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
62) 4-Bromofluorobenzene	12.48	95	228206	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	76590	24.020	ug/l	99
3) Chloromethane	2.12	50	98130	22.187	ug/l	100
4) Vinyl Chloride	2.26	62	101977	22.472	ug/l	95
5) Bromomethane	2.64	94	78166	23.191	ug/l	98
6) Chloroethane	2.79	64	66653	22.363	ug/l	99
7) Trichlorofluoromethane	3.13	101	149907	23.132	ug/l	99
8) Diethyl Ether	3.53	74	48953	22.542	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	85209	21.771	ug/l	99
10) Methyl Iodide	4.10	142	86558	20.356	ug/l	97
11) Tert butyl alcohol	4.96	59	45109	111.098	ug/l	97
12) 1,1-Dichloroethene	3.87	96	82071	22.169	ug/l	96
13) Acrolein	3.74	56	26979	76.553	ug/l	95
14) Allyl chloride	4.48	41	134382	24.463	ug/l	94
15) Acrylonitrile	5.17	53	122790	117.710	ug/l	100
16) Acetone	3.95	43	97952	116.784	ug/l	92
17) Carbon Disulfide	4.19	76	253573	22.322	ug/l	97
18) Methyl Acetate	4.48	43	58892	25.283	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	230442	22.213	ug/l	96
20) Methylene Chloride	4.72	84	122139	26.342	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	92461	22.082	ug/l	94
22) Diisopropyl ether	6.13	45	296291	24.303	ug/l	96
23) Vinyl Acetate	6.07	43	937031	115.315	ug/l	98
24) 1,1-Dichloroethane	6.02	63	163370	23.130	ug/l	98
25) 2-Butanone	6.99	43	157769	114.563	ug/l	96
26) 2,2-Dichloropropane	6.99	77	149206	23.457	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	102798	22.298	ug/l	98
28) Bromochloromethane	7.34	49	69616	22.766	ug/l	97
29) Tetrahydrofuran	7.35	42	105810	114.372	ug/l	97
30) Chloroform	7.51	83	166636	22.907	ug/l	93
31) Cyclohexane	7.79	56	155703	22.797	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	148459	22.669	ug/l	98
36) 1,1-Dichloropropene	7.92	75	130526	21.999	ug/l	99
37) Ethyl Acetate	7.08	43	73091	22.875	ug/l	97
38) Carbon Tetrachloride	7.90	117	135688	22.152	ug/l	99

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Manual Integrations
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Quant Time: Jul 24 07:45:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	159213	21.361	ug/l	98
40) Benzene	8.16	78	361826	22.148	ug/l	96
41) Methacrylonitrile	7.33	41	40863m	21.234	ug/l	
42) 1,2-Dichloroethane	8.24	62	110669	22.004	ug/l	100
43) Isopropyl Acetate	8.28	43	135851	21.965	ug/l	99
44) Trichloroethene	8.94	130	102727	20.512	ug/l	96
45) 1,2-Dichloropropane	9.22	63	96715	22.879	ug/l	96
46) Dibromomethane	9.30	93	52505	21.266	ug/l	98
47) Bromodichloromethane	9.50	83	132274	22.526	ug/l	99
48) Methyl methacrylate	9.29	41	61370	22.196	ug/l	93
49) 1,4-Dioxane	9.30	88	12687	404.872	ug/l #	79
51) 4-Methyl-2-Pentanone	10.07	43	356904	111.023	ug/l	98
52) Toluene	10.24	92	226859	21.725	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	134378	22.087	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	155692	22.210	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	76338	21.819	ug/l	98
56) Ethyl methacrylate	10.51	69	102482	21.545	ug/l	96
57) 1,3-Dichloropropane	10.79	76	130718	22.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	267562	110.296	ug/l	99
59) 2-Hexanone	10.83	43	251000	111.850	ug/l	98
60) Dibromochloromethane	10.99	129	95768	21.763	ug/l	99
61) 1,2-Dibromoethane	11.09	107	73033	21.150	ug/l	97
64) Tetrachloroethene	10.72	164	106581	19.943	ug/l	96
65) Chlorobenzene	11.52	112	250085	21.659	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.59	131	97723	21.791	ug/l	98
67) Ethyl Benzene	11.59	91	453642	22.004	ug/l	98
68) m/p-Xylenes	11.70	106	340273	43.500	ug/l	98
69) o-Xylene	12.03	106	159775	21.863	ug/l	98
70) Styrene	12.04	104	276708	22.134	ug/l	99
71) Bromoform	12.20	173	61444	20.875	ug/l #	99
73) Isopropylbenzene	12.33	105	441323	21.317	ug/l	100
74) N-amyl acetate	12.14	43	127235	21.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	86552	21.646	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	63226m	21.986	ug/l	
77) Bromobenzene	12.61	156	112127	21.247	ug/l	98
78) n-propylbenzene	12.67	91	527485	21.615	ug/l	99
79) 2-Chlorotoluene	12.75	91	290889	21.364	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	375008	21.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	32408	21.933	ug/l	96
82) 4-Chlorotoluene	12.85	91	306935	21.598	ug/l	100
83) tert-Butylbenzene	13.08	119	330892	21.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	380190	21.898	ug/l	98
85) sec-Butylbenzene	13.25	105	456114	21.796	ug/l	100
86) p-Isopropyltoluene	13.37	119	422818	21.640	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	214320	21.476	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	215624	21.824	ug/l	99
89) n-Butylbenzene	13.69	91	406586	22.123	ug/l	99
90) Hexachloroethane	13.96	117	80925	22.743	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	193430	22.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13984	21.572	ug/l	96

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MSVOA_Y
ClientSampleId :
VY0723SBS01

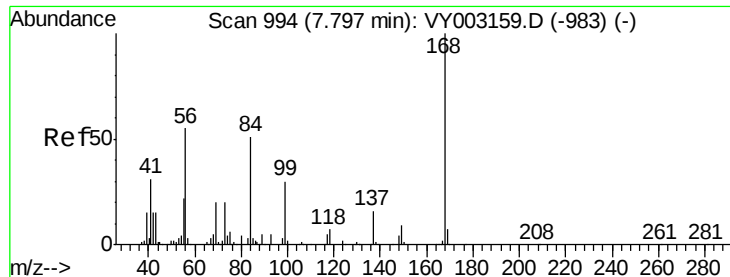
Manual Integrations
APPROVED

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	134491	21.586	ug/l	98
94) Hexachlorobutadiene	15.11	225	91005	21.317	ug/l	99
95) Naphthalene	15.23	128	217776	21.150	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	107507	21.829	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion:168 Resp: 444881

Ion Ratio Lower Upper

168 100

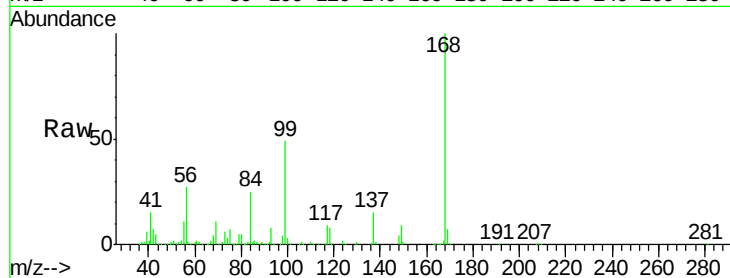
99 49.2 37.3 55.9

Manual Integrations

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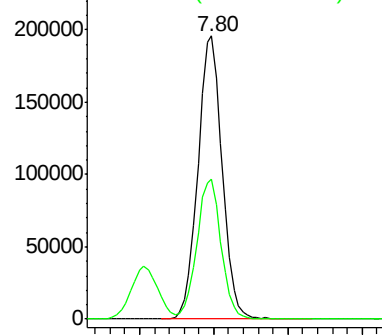
MMDadoda

7/24/2020 12:58:26 PM

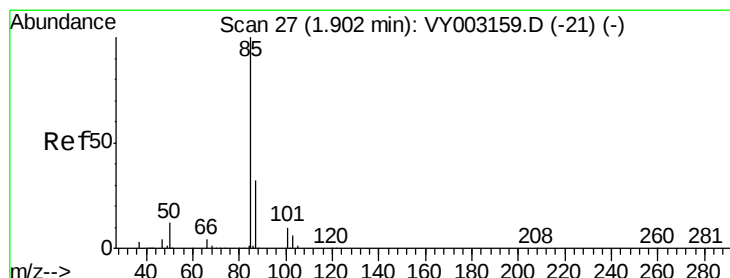
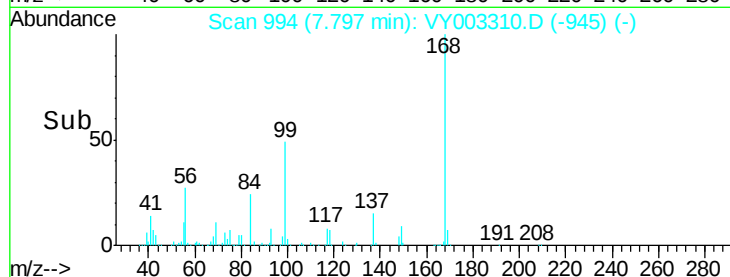


Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



Time-->



#2

Dichlorodifluoromethane

Concen: 24.020 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003310.D

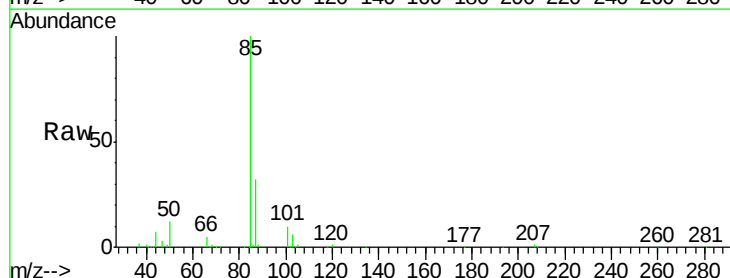
Acq: 23 Jul 2020 12:33

Tgt Ion: 85 Resp: 76590

Ion Ratio Lower Upper

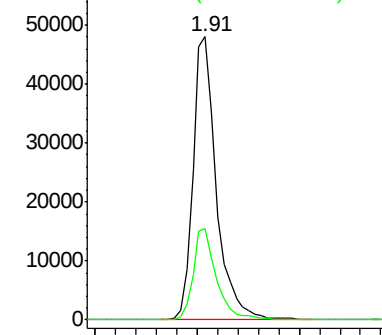
85 100

87 32.1 15.9 47.7

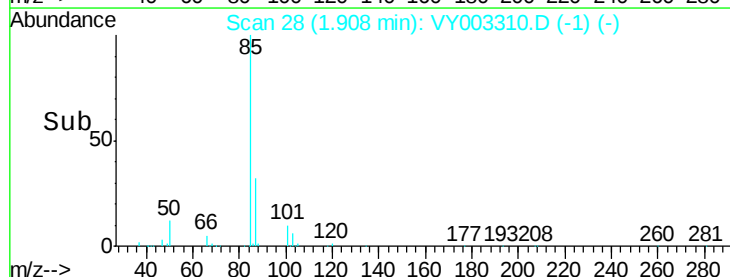


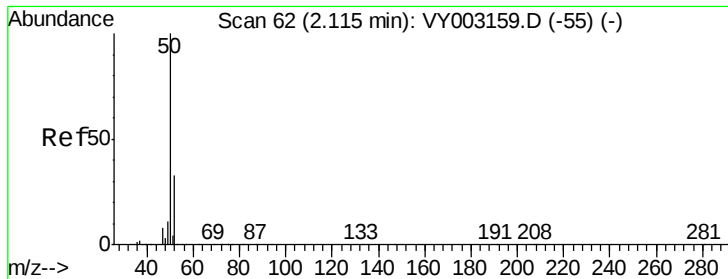
Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0



Time-->





#3

Chloromethane

Concen: 22.187 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 50 Resp: 98130

Ion Ratio Lower Upper

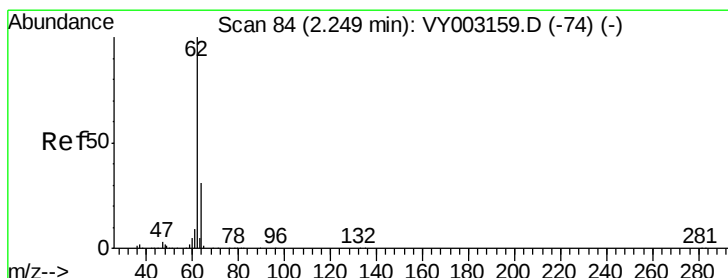
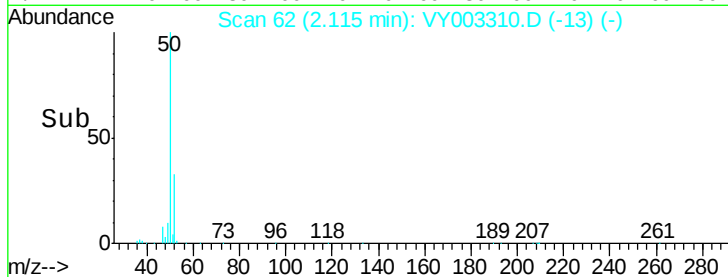
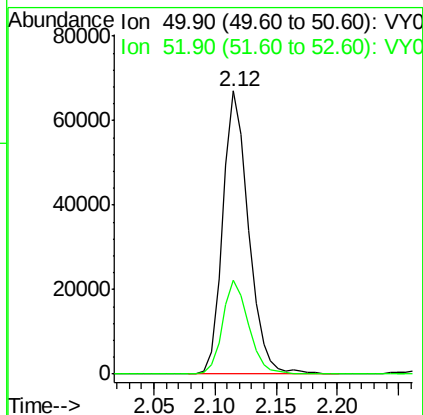
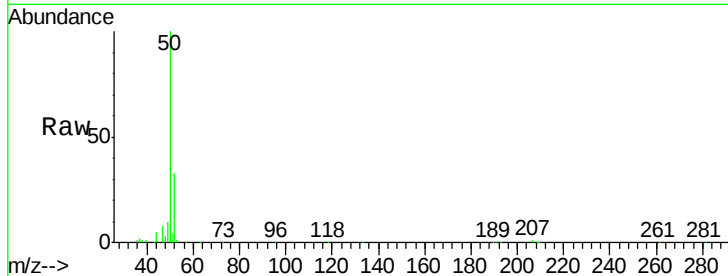
50 100

52 33.3 26.6 39.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 22.472 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003310.D

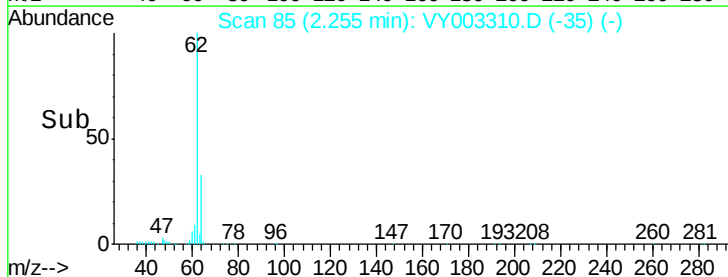
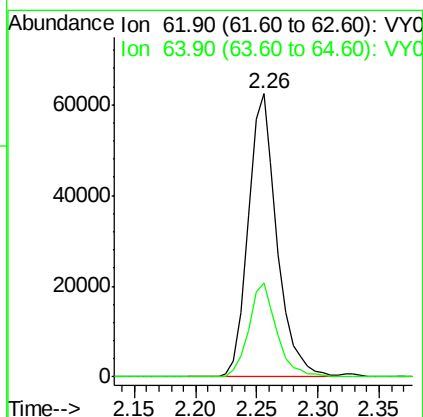
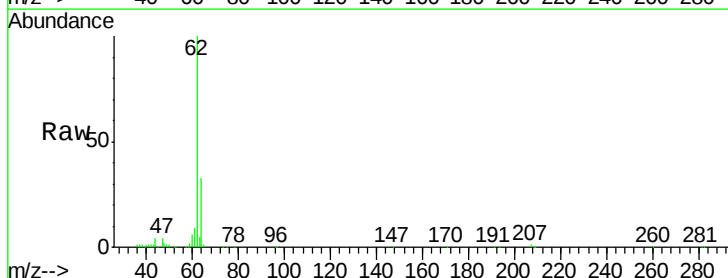
Acq: 23 Jul 2020 12:33

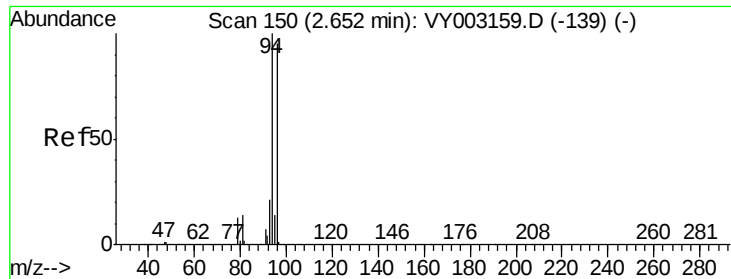
Tgt Ion: 62 Resp: 101977

Ion Ratio Lower Upper

62 100

64 33.3 24.6 37.0





#5

Bromomethane

Concen: 23.191 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 94 Resp: 78166

Ion Ratio Lower Upper

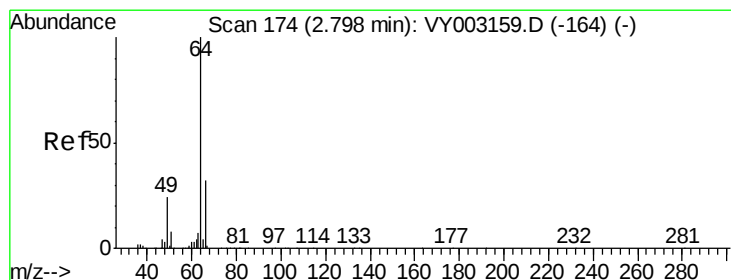
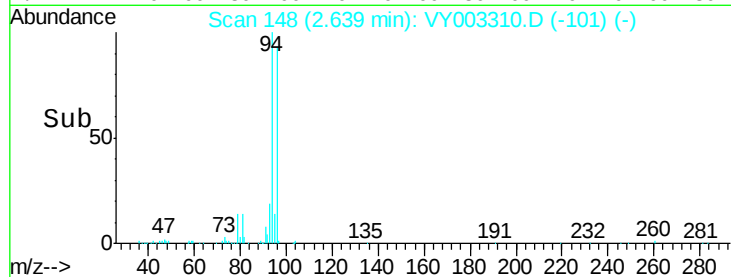
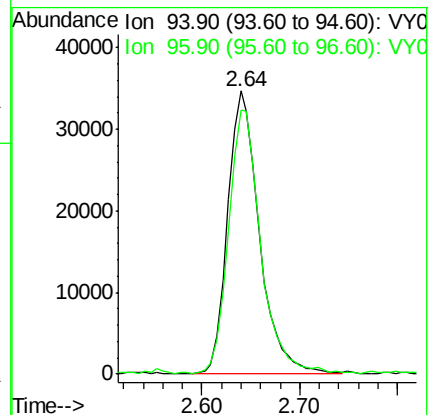
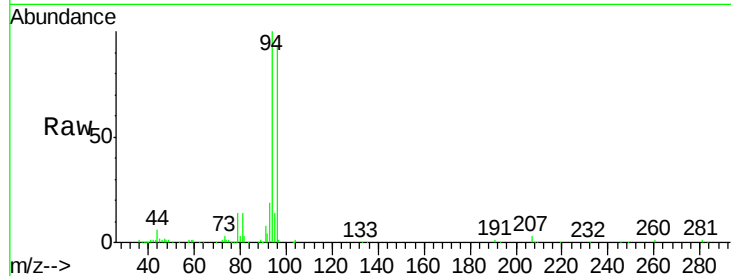
94 100

96 93.1 76.0 114.0

Manual Integrations
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#6

Chloroethane

Concen: 22.363 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003310.D

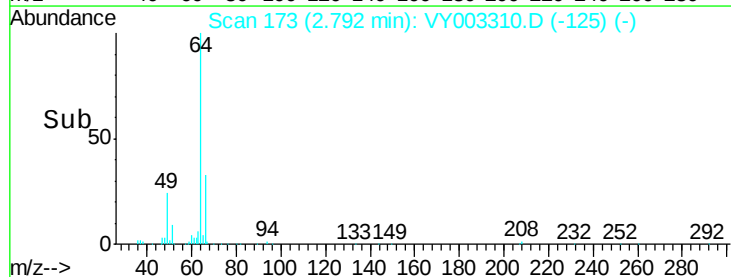
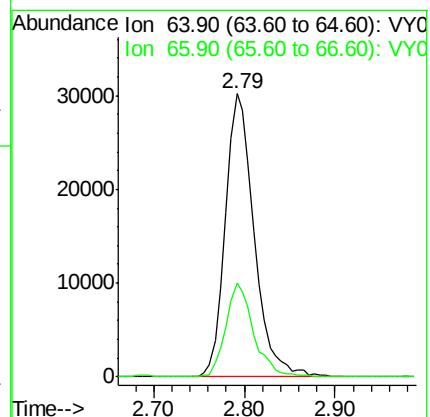
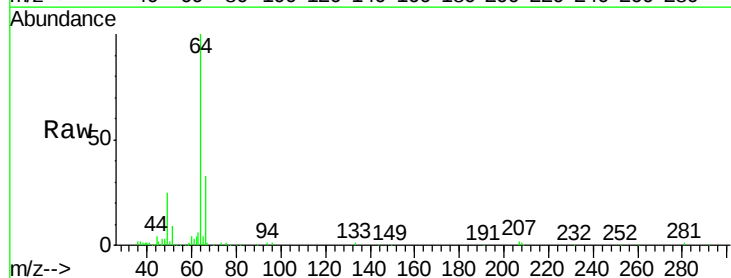
Acq: 23 Jul 2020 12:33

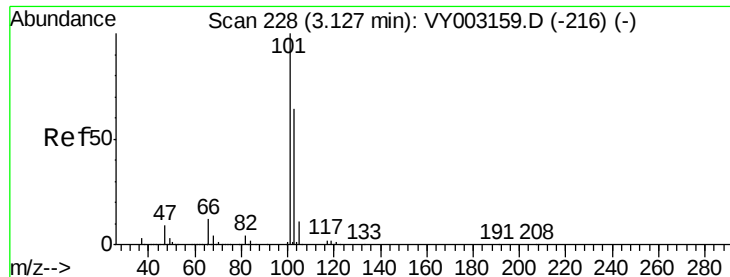
Tgt Ion: 64 Resp: 66653

Ion Ratio Lower Upper

64 100

66 33.3 26.0 39.0





#7

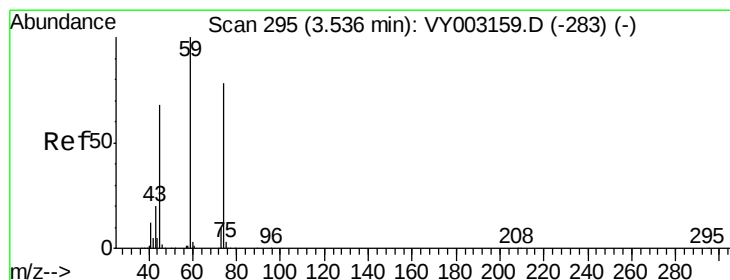
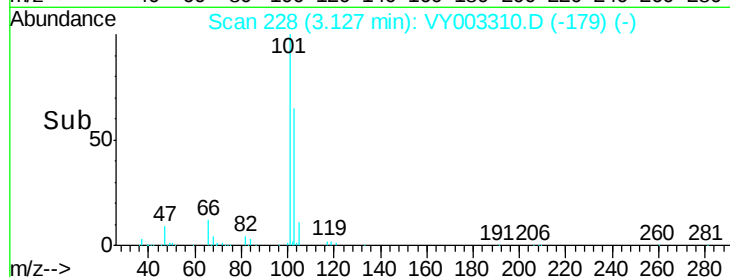
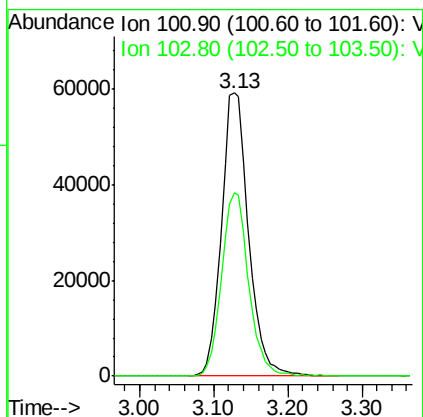
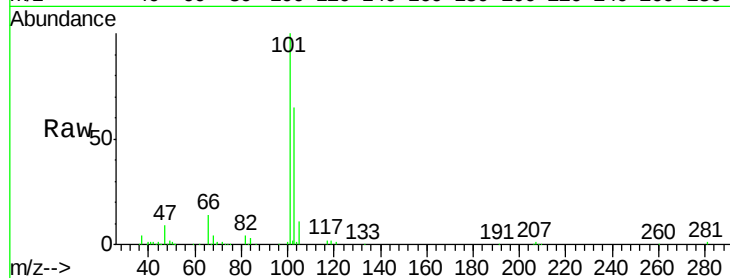
Trichlorofluoromethane
Concen: 23.132 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.3	76.9

Manual Integrations
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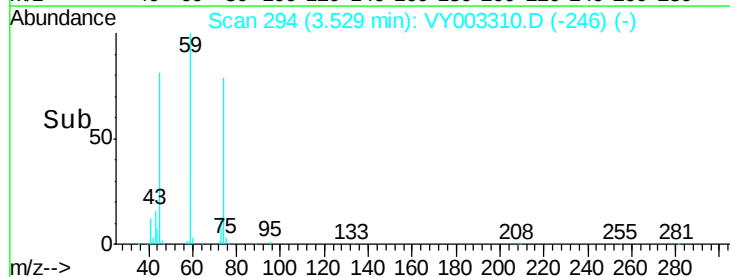
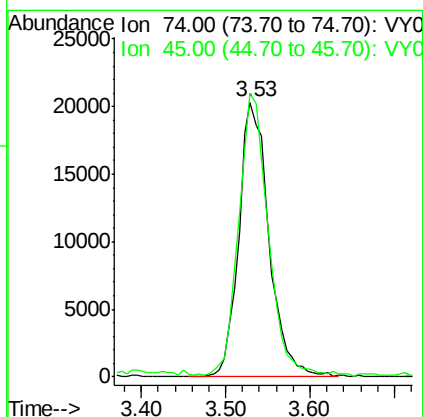
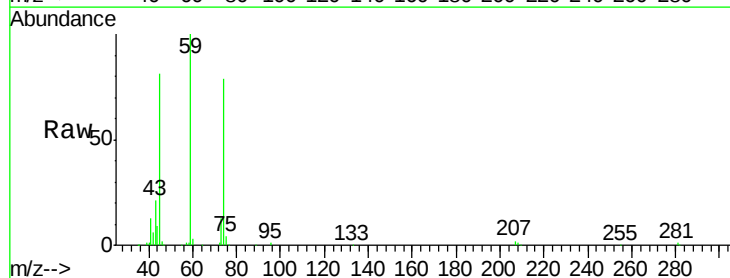
MMDadoda
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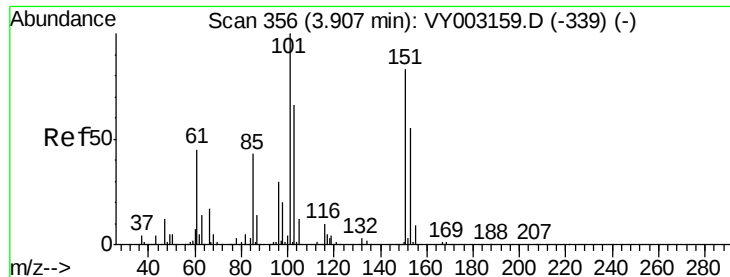


#8

Diethyl Ether
Concen: 22.542 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.771 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

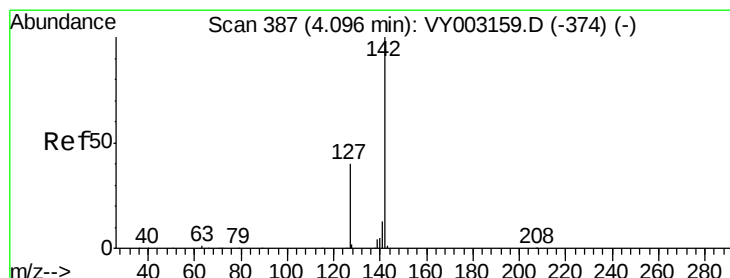
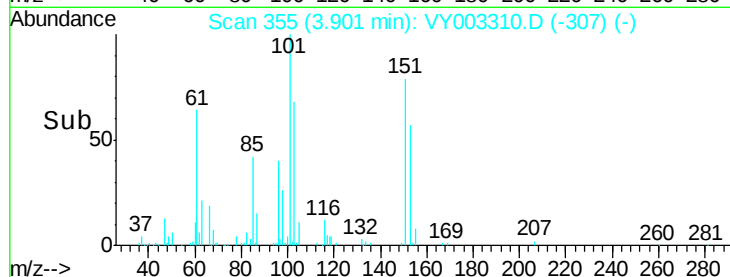
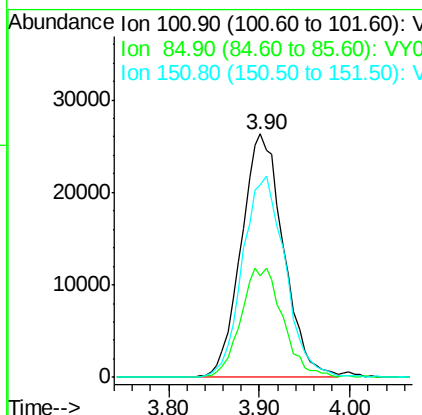
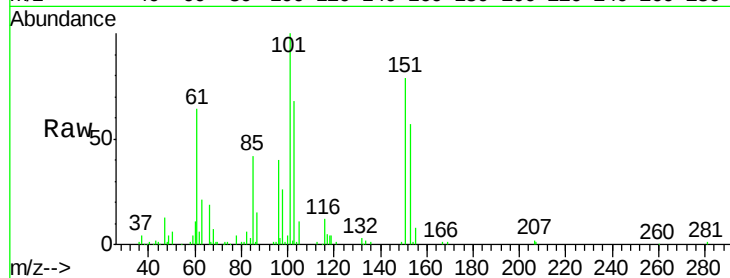
ClientSampleId :

VY0723SBS01

Tot Ion:	101	Resp:	85209
Ion Ratio	Lower	Upper	
101	100		
85	44.6	34.9	52.3
151	83.8	67.0	100.6

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#10

Methyl Iodide

Concen: 20.356 ug/l

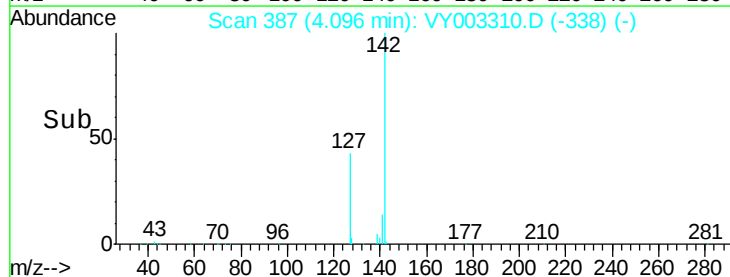
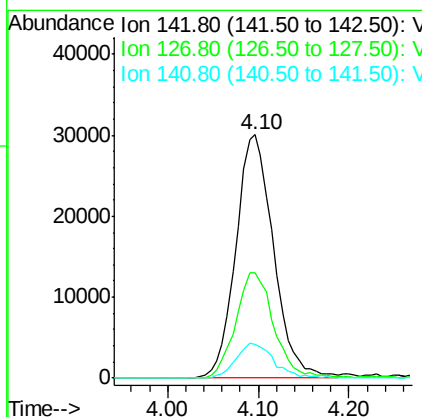
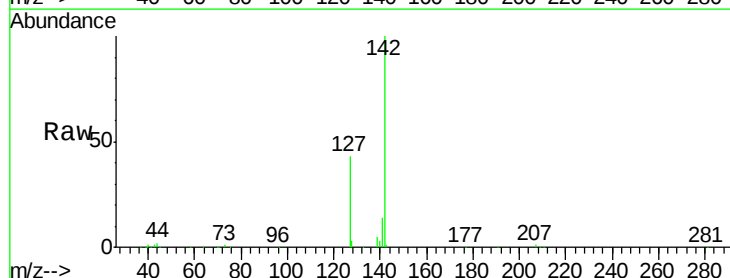
RT: 4.10 min Scan# 387

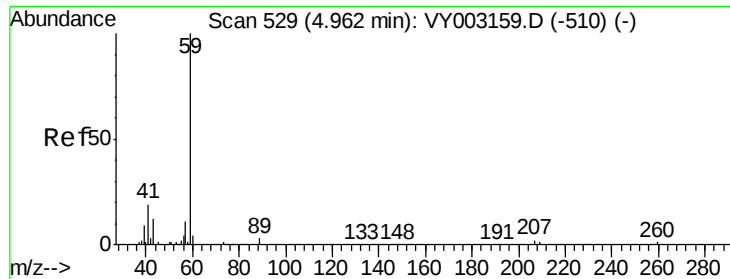
Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion:	142	Resp:	86558
Ion Ratio	Lower	Upper	
142	100		
127	44.1	33.5	50.3
141	14.3	11.2	16.8





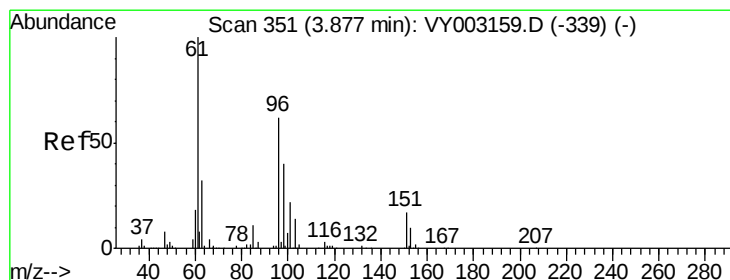
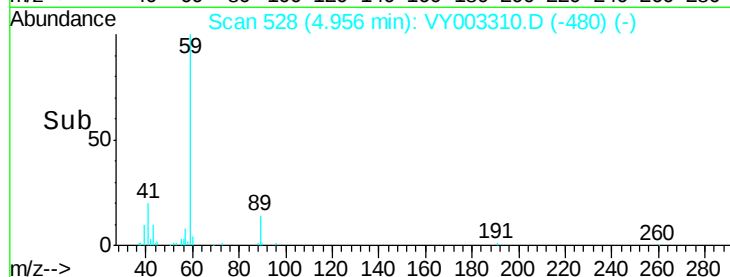
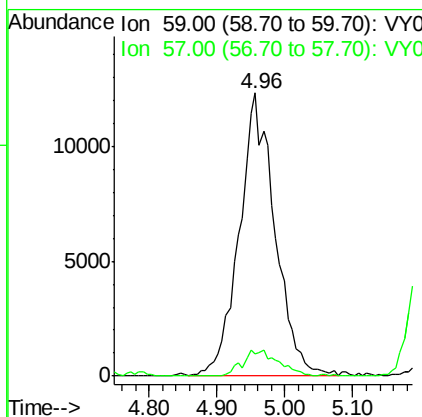
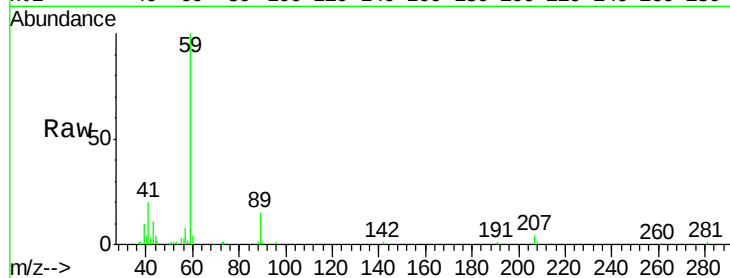
#11
Tert butyl alcohol
Concen: 111.098 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.4	12.6

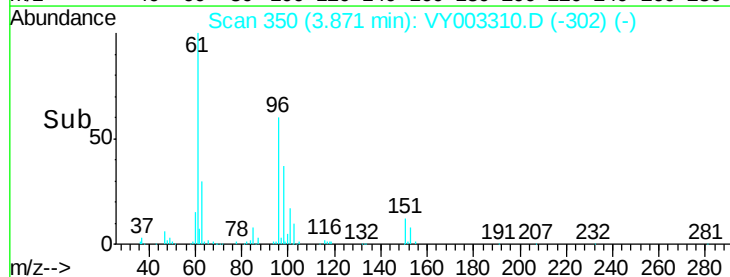
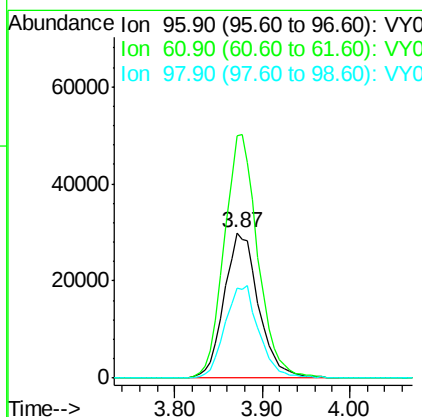
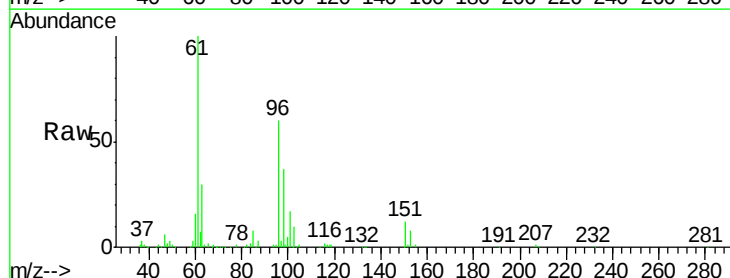
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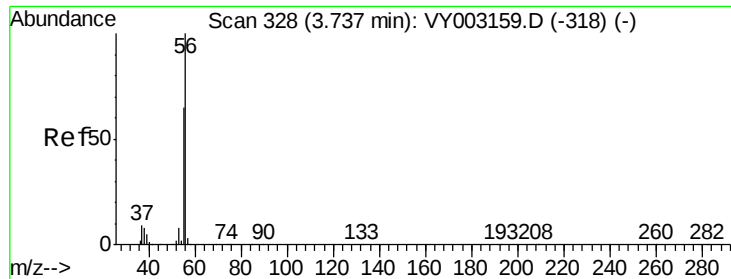
MMDadoda
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#12
1,1-Dichloroethene
Concen: 22.169 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.7	128.6	193.0
98	61.9	51.6	77.4





#13

Acrolein

Concen: 76.553 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 56 Resp: 26979

Ion Ratio Lower Upper

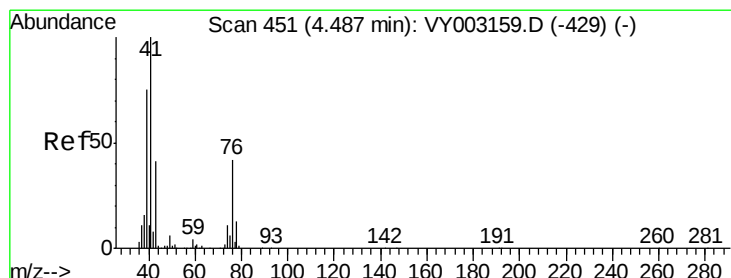
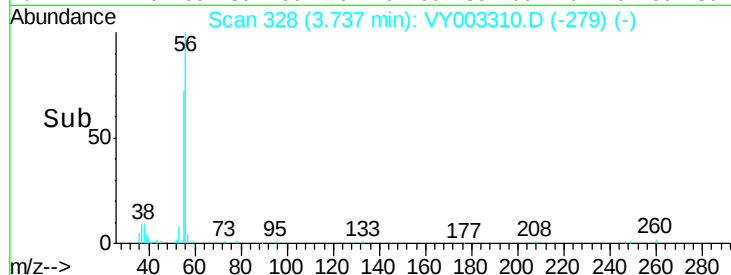
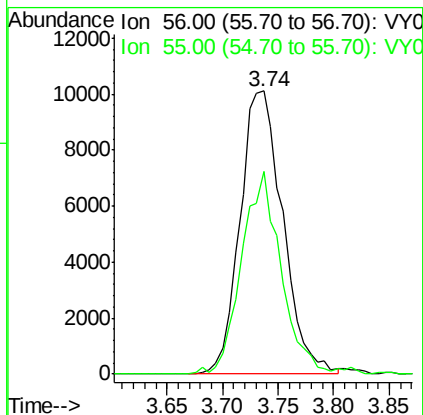
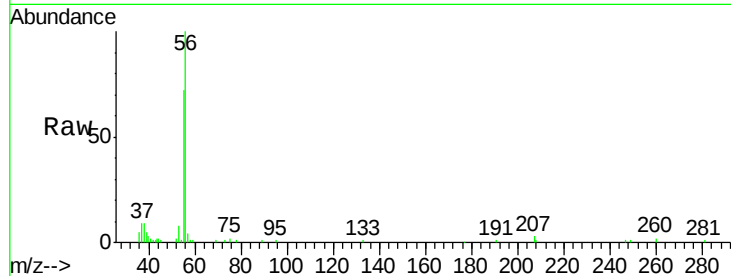
56 100

55 65.8 56.0 84.0

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#14

Allyl chloride

Concen: 24.463 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

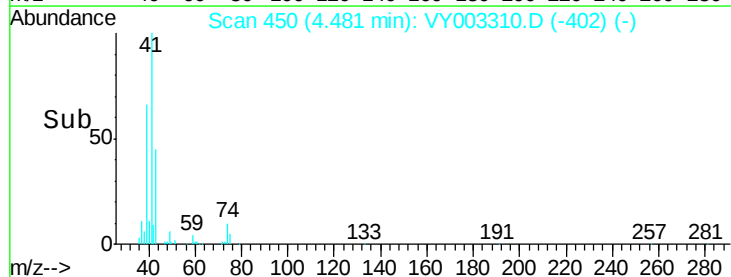
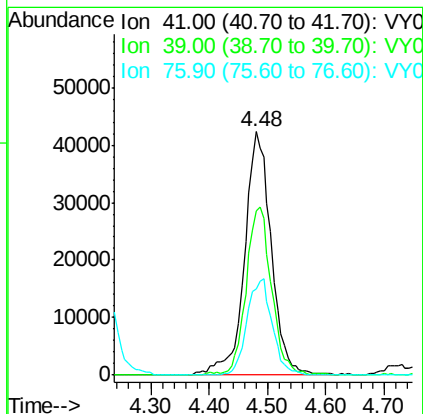
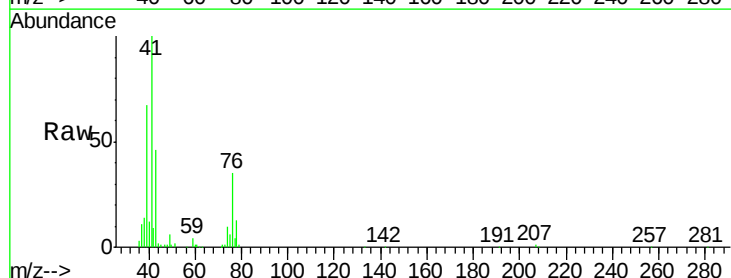
Tgt Ion: 41 Resp: 134382

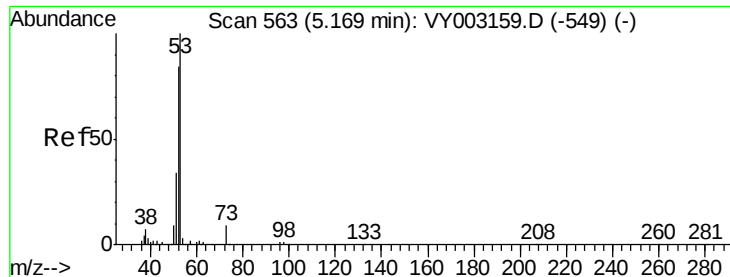
Ion Ratio Lower Upper

41 100

39 65.1 56.6 85.0

76 37.5 31.6 47.4





#15

Acrylonitrile

Concen: 117.710 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

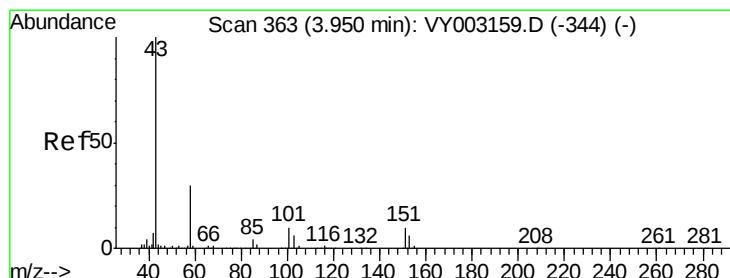
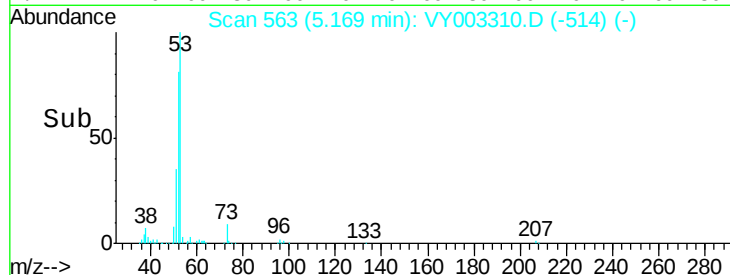
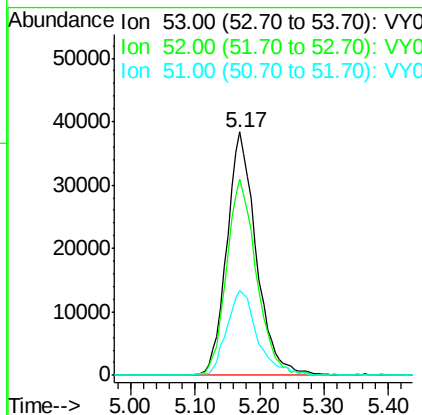
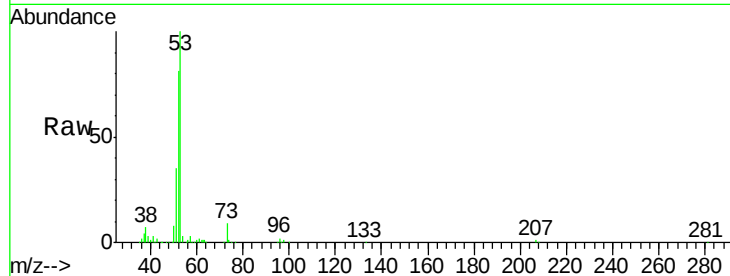
ClientSampleId :

VY0723SBS01

Tot Ion:	53	Resp:	122790
Ion Ratio		Lower	Upper
53	100		
52	82.0	65.8	98.6
51	36.3	29.0	43.4

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#16

Acetone

Concen: 116.784 ug/l

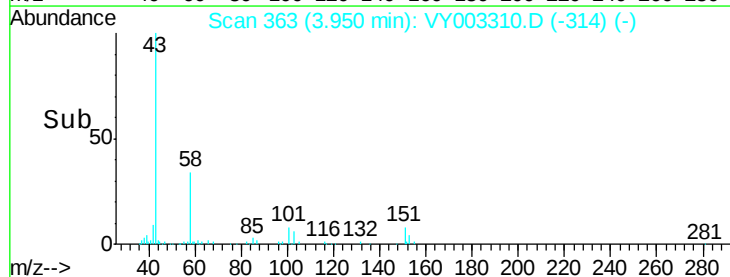
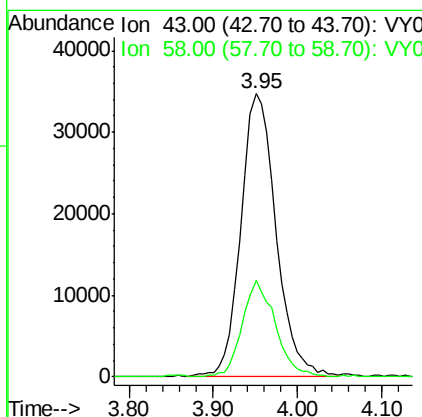
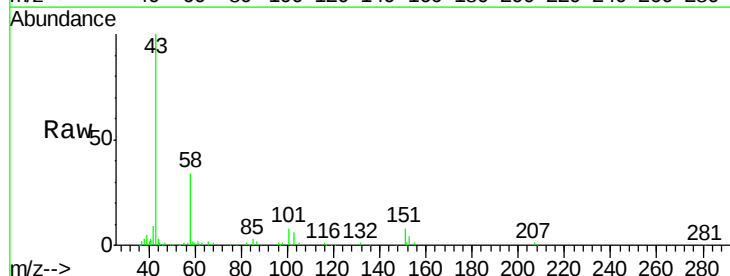
RT: 3.95 min Scan# 363

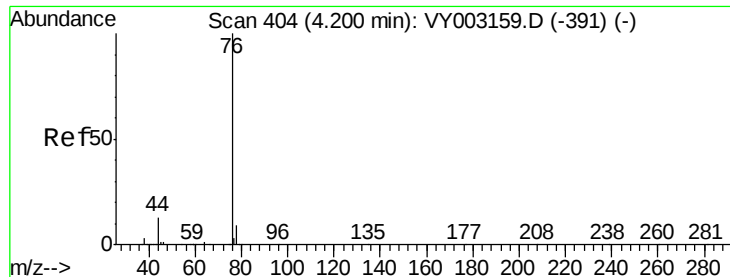
Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion:	43	Resp:	97952
Ion Ratio		Lower	Upper
43	100		
58	33.9	23.8	35.6





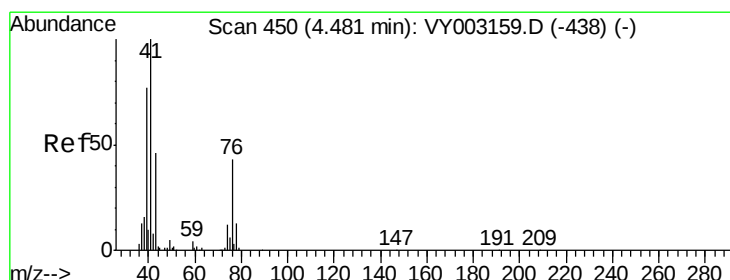
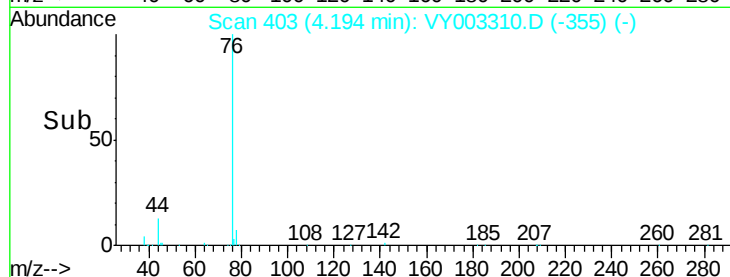
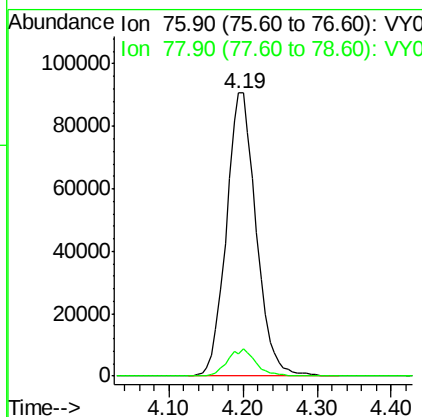
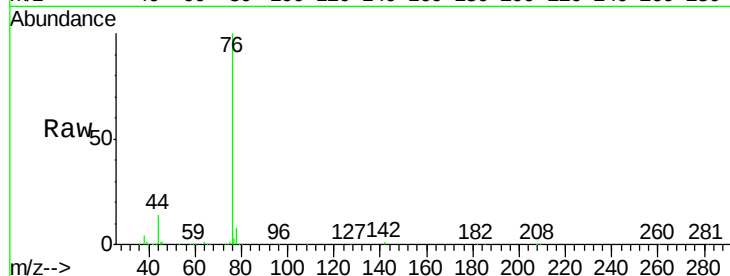
#17
Carbon Disulfide
Concen: 22.322 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.3	10.9

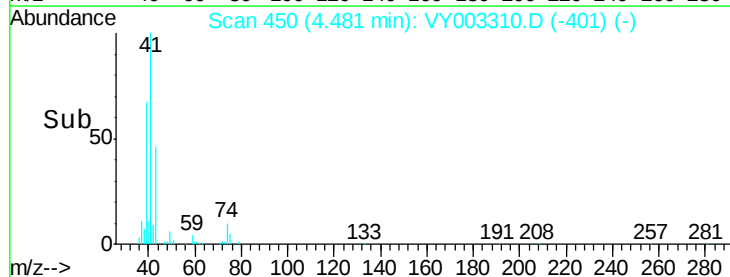
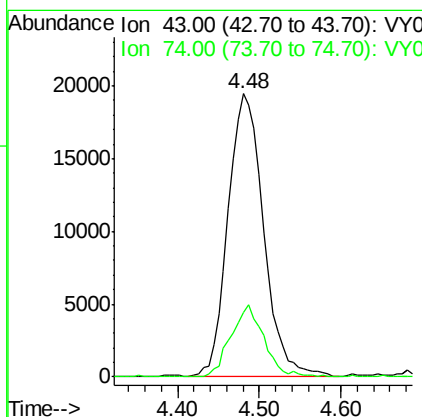
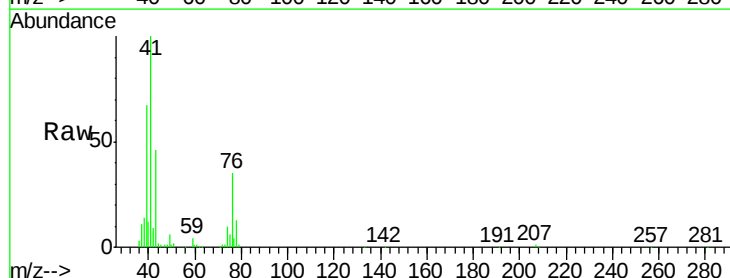
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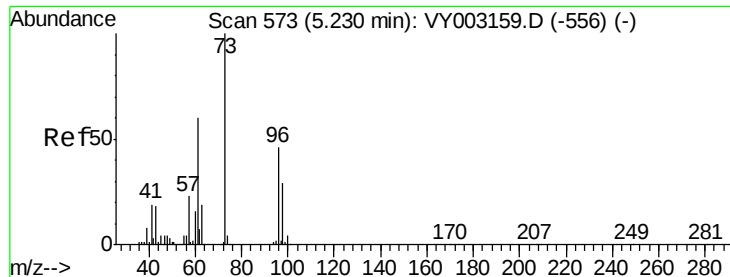
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#18
Methyl Acetate
Concen: 25.283 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	20.8	31.2





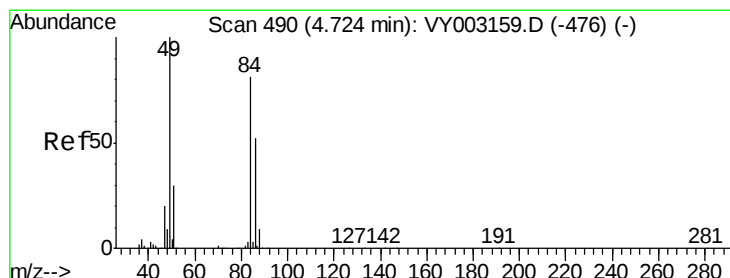
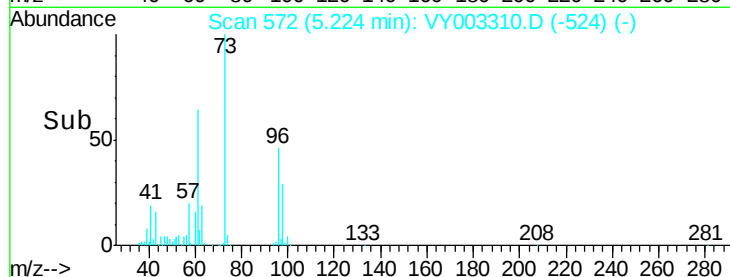
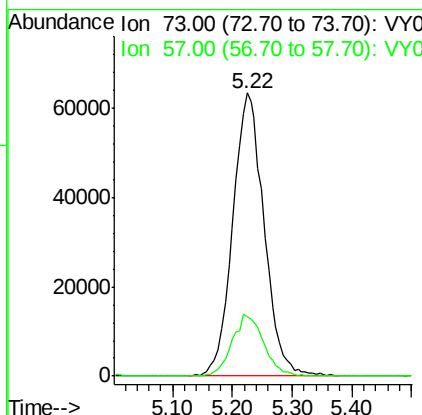
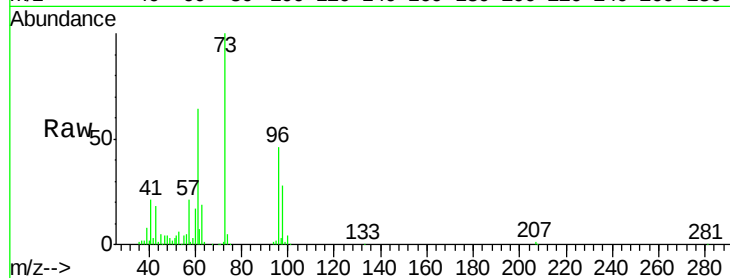
#19
Methvl tert-butvl Ether
Concen: 22.213 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 73 Resp: 230442
Ion Ratio Lower Upper
73 100
57 20.8 18.1 27.1

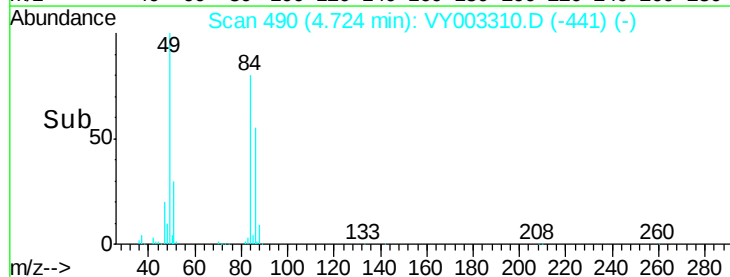
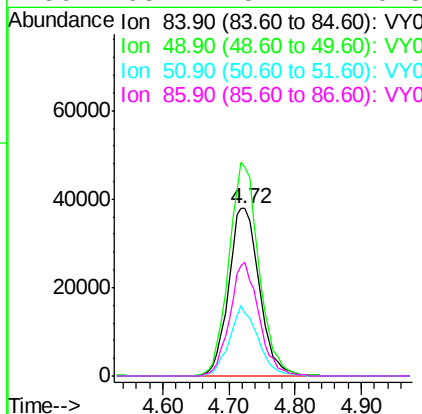
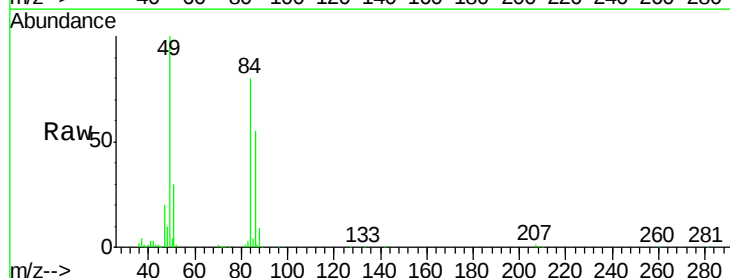
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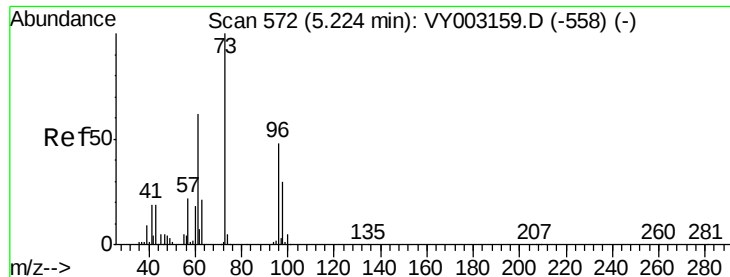
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#20
Methylene Chloride
Concen: 26.342 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 84 Resp: 122139
Ion Ratio Lower Upper
84 100
49 124.7 98.2 147.4
51 37.3 29.8 44.6
86 68.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 22.082 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

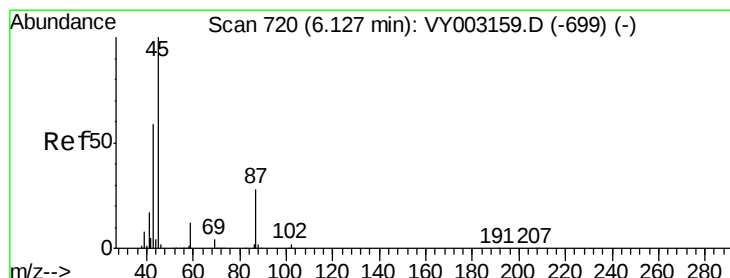
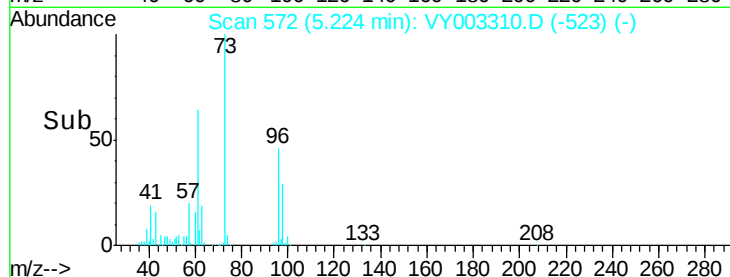
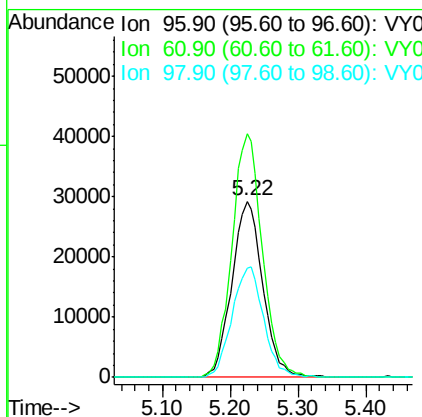
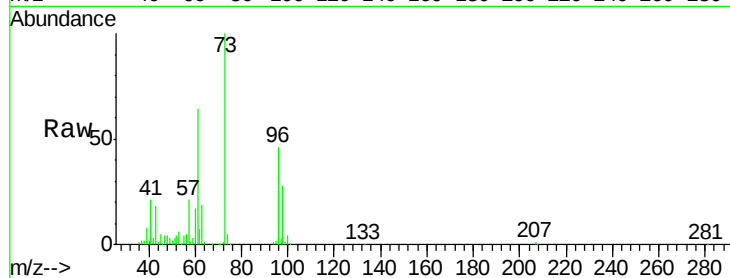
ClientSampleId :

VY0723SBS01

Tot Ion:	96	Resp:	92461
Ion	Ratio	Lower	Upper
96	100		
61	138.4	102.5	153.7
98	61.8	49.8	74.8

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#22

Diisopropyl ether

Concen: 24.303 ug/l

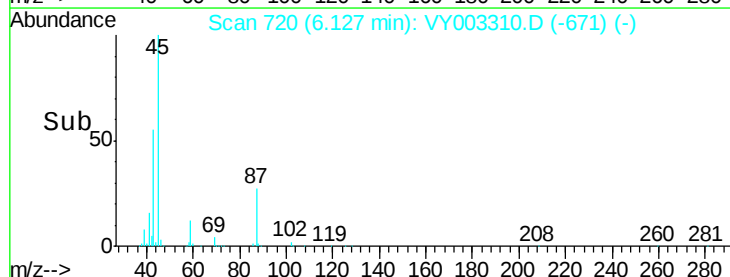
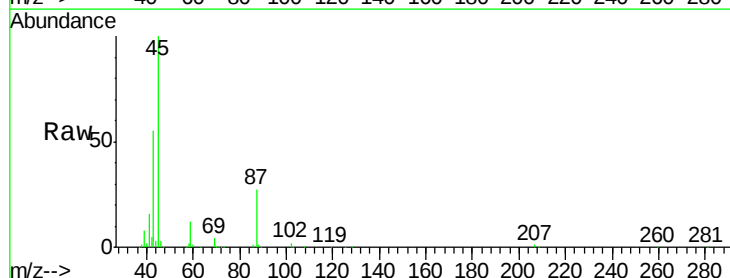
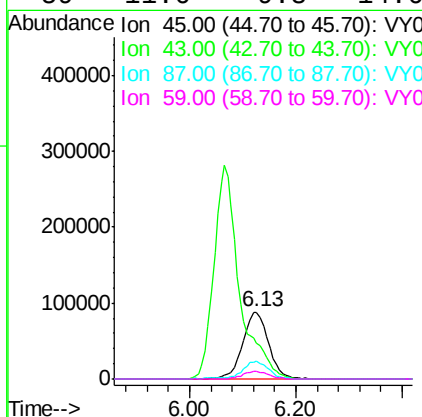
RT: 6.13 min Scan# 720

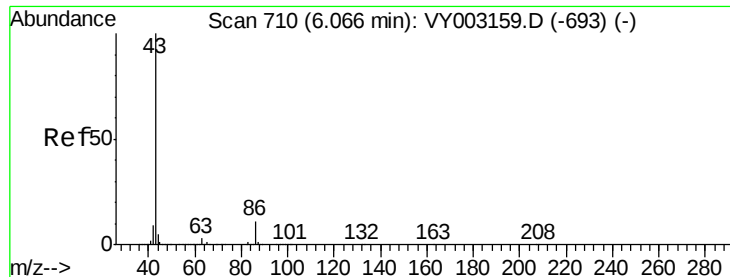
Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion:	45	Resp:	296291
Ion	Ratio	Lower	Upper
45	100		
43	54.5	47.0	70.4
87	26.7	22.6	33.8
59	11.6	9.8	14.6





#23

Vinyl Acetate

Concen: 115.315 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 43 Resp: 937031

Ion Ratio Lower Upper

43 100

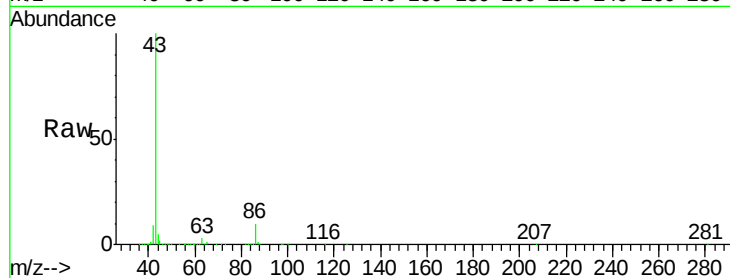
86 10.2 8.8 13.2

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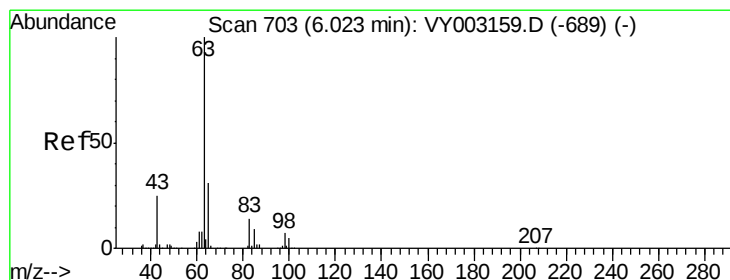
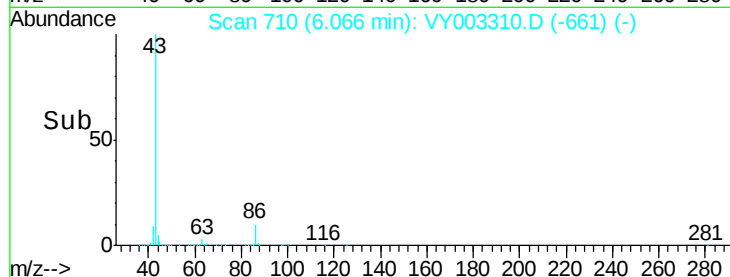
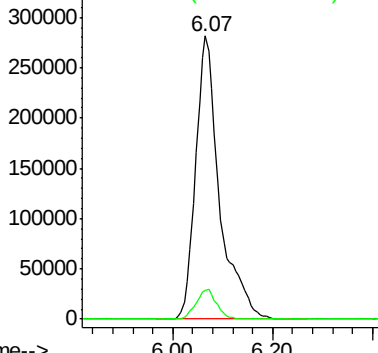
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 23.130 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

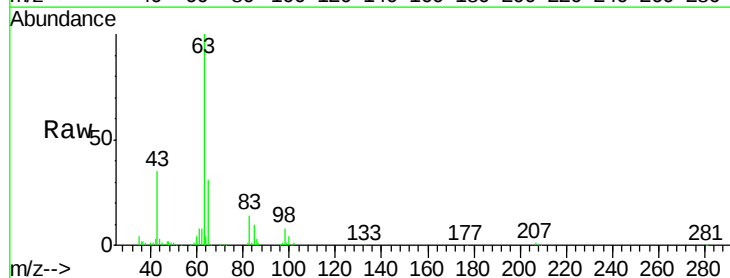
Tgt Ion: 63 Resp: 163370

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

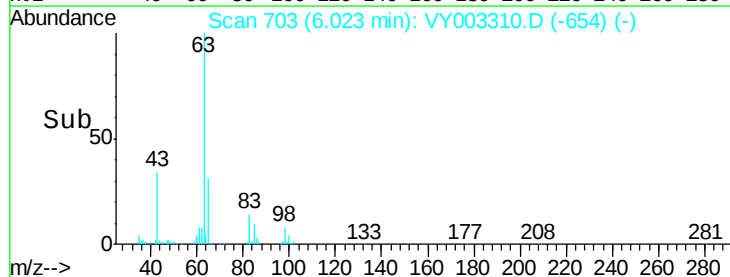
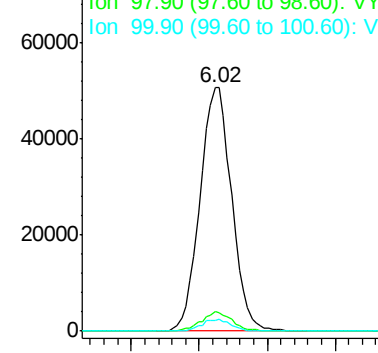
100 4.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 114.563 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 43 Resp: 157769

Ion Ratio Lower Upper

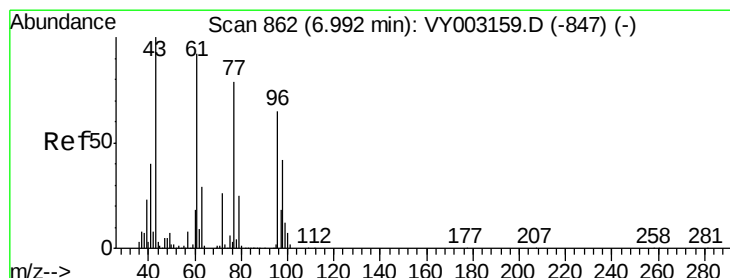
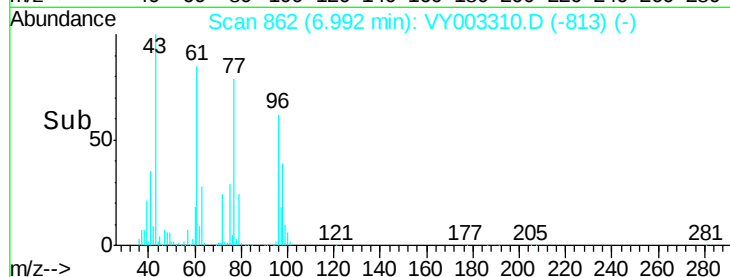
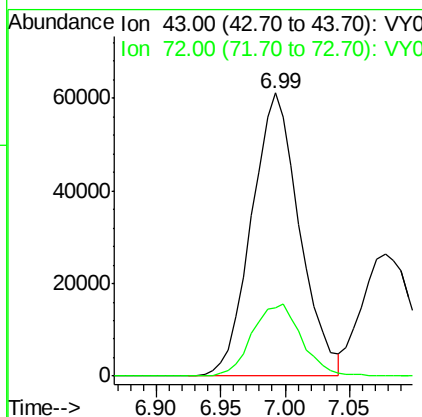
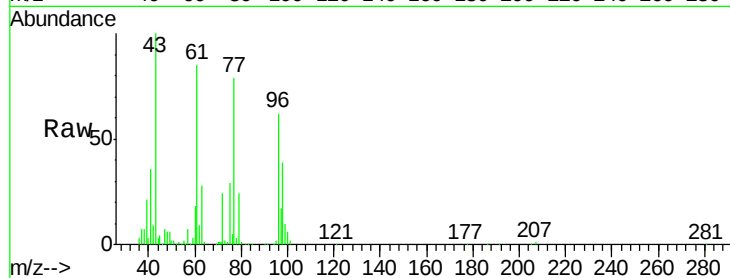
43 100

72 24.2 20.9 31.3

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 23.457 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003310.D

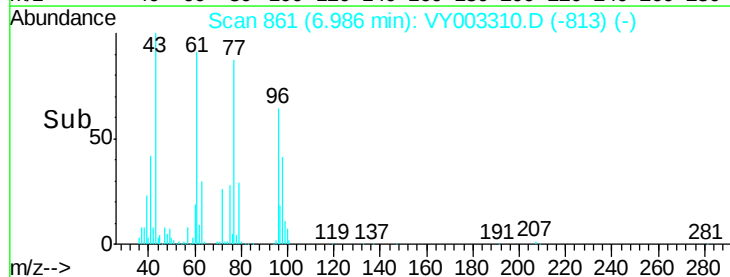
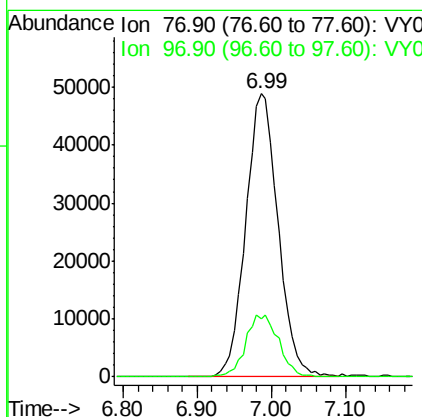
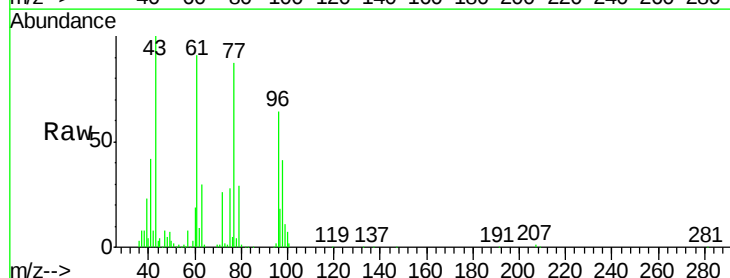
Acq: 23 Jul 2020 12:33

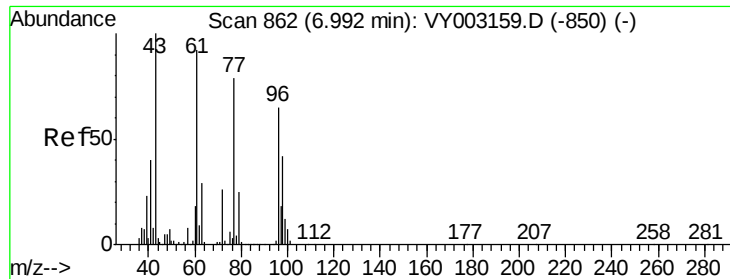
Tgt Ion: 77 Resp: 149206

Ion Ratio Lower Upper

77 100

97 22.4 11.6 34.7





#27

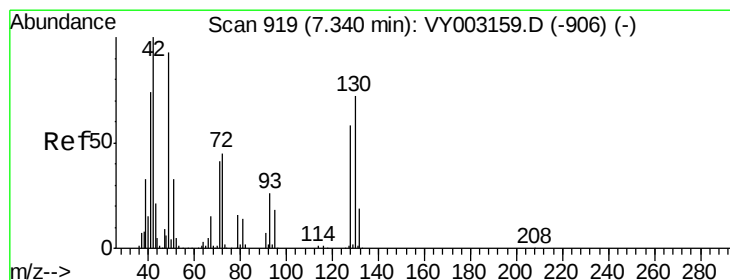
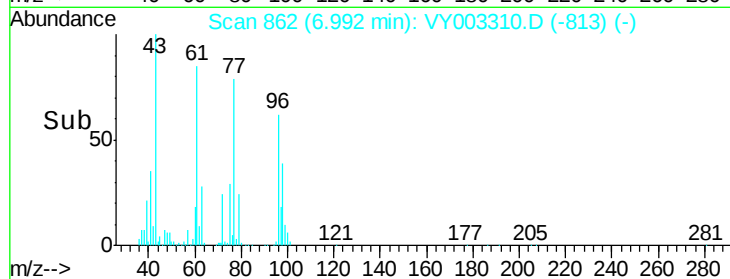
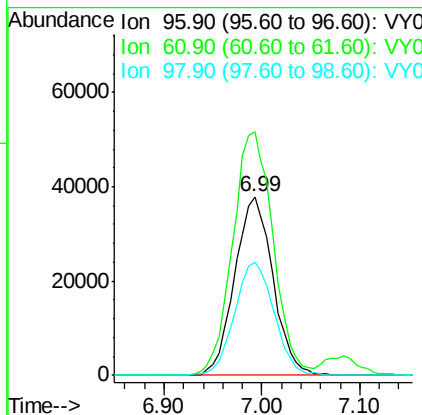
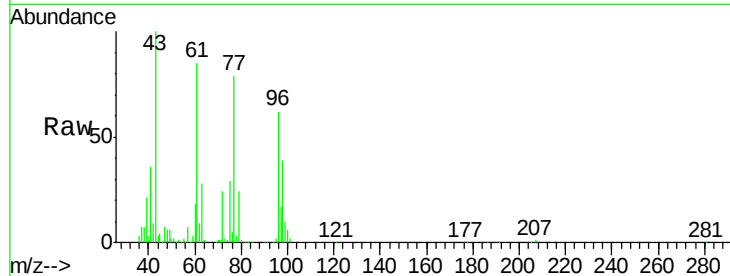
cis-1,2-Dichloroethene
Concen: 22.298 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	281.2
98	65.4	0.0	129.8

Manual Integrations
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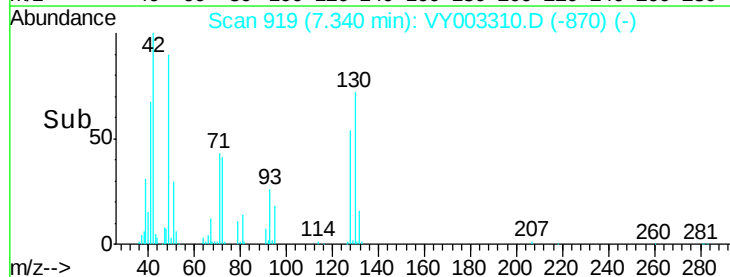
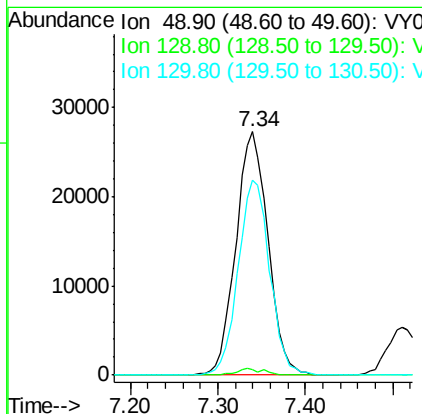
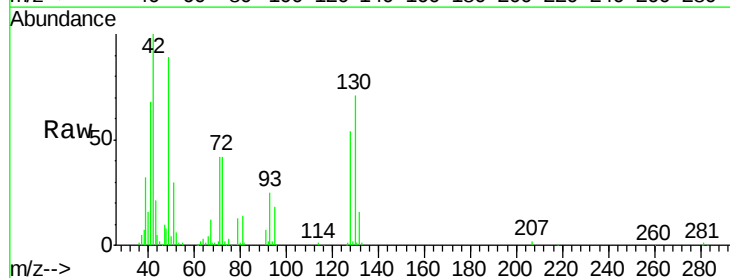
MMDadoda
7/24/2020 12:58:26 PM

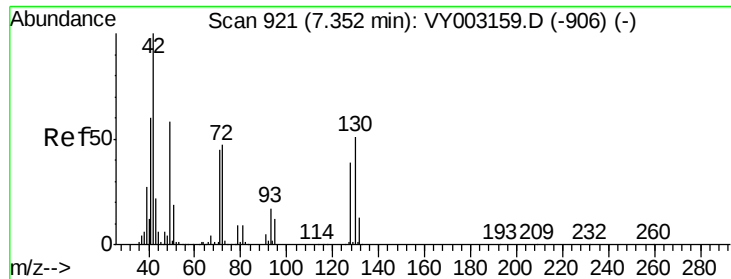


#28

Bromochloromethane
Concen: 22.766 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	78.6	64.9	97.3





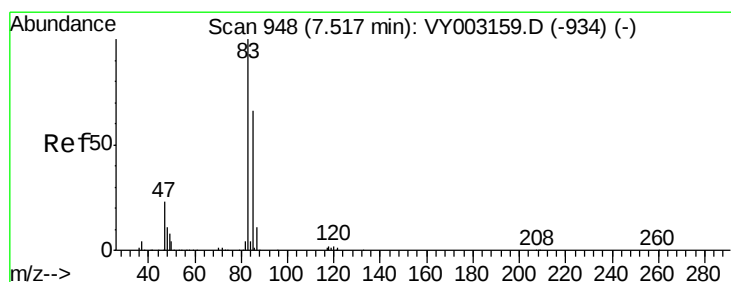
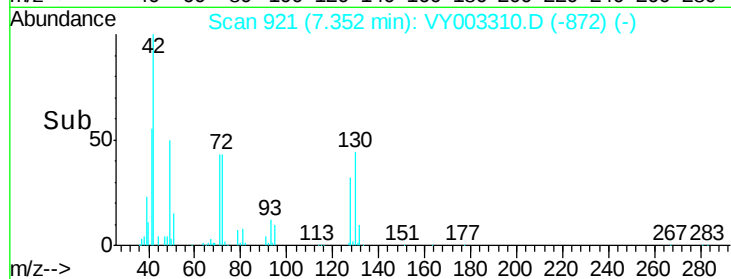
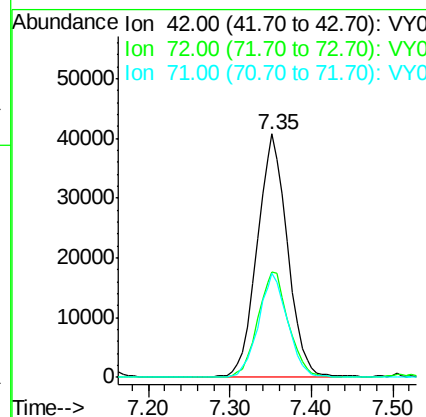
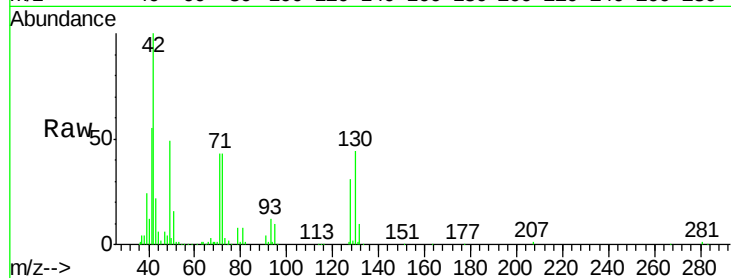
#29
Tetrahydrofuran
Concen: 114.372 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	36.7	55.1
71	40.8	34.2	51.4

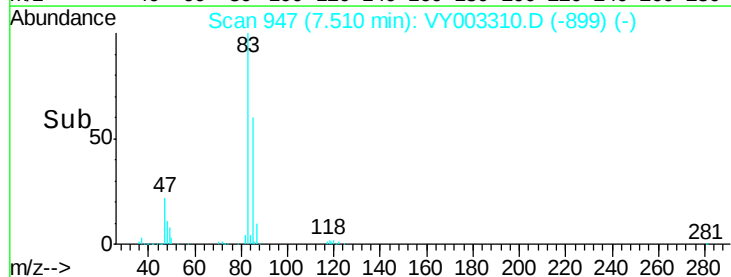
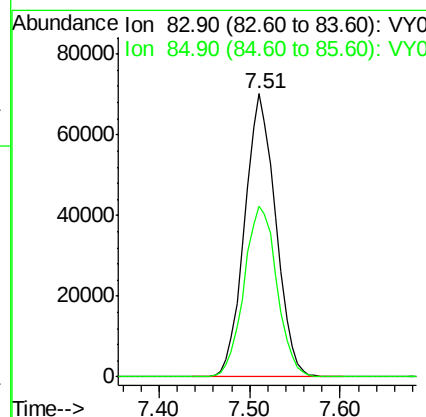
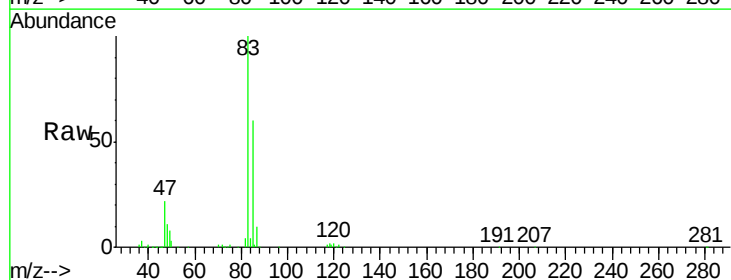
Manual Integrations
APPROVED

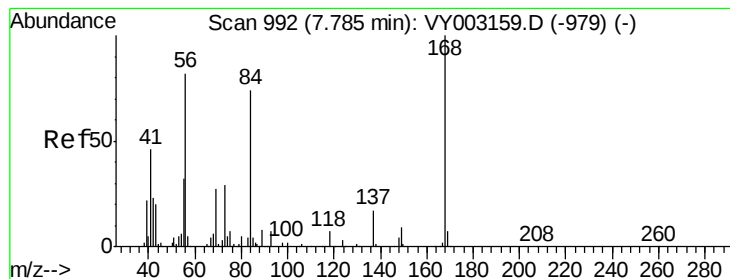
MMDadoda
7/24/2020 12:58:26 PM



#30
Chloroform
Concen: 22.907 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	52.6	78.8





#31

Cyclohexane

Concen: 22.797 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 56 Resp: 155703

Ion Ratio Lower Upper

56 100

69 36.5 26.7 40.1

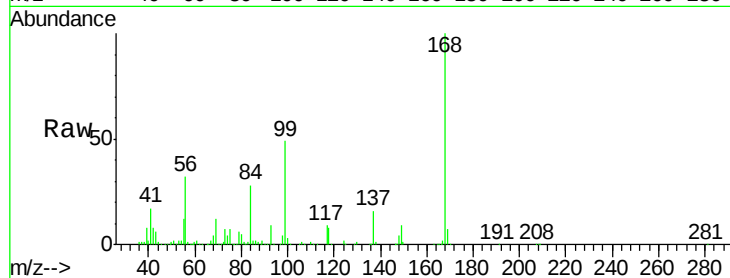
84 86.3 72.3 108.5

Manual Integrations

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MMDadoda

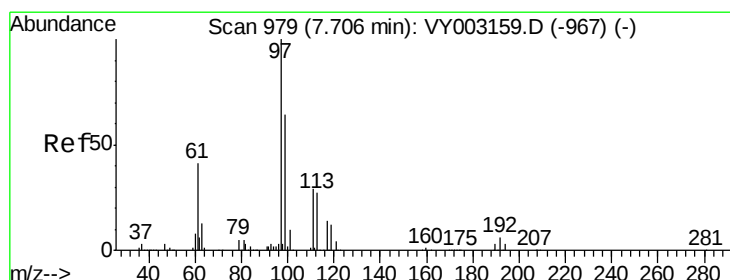
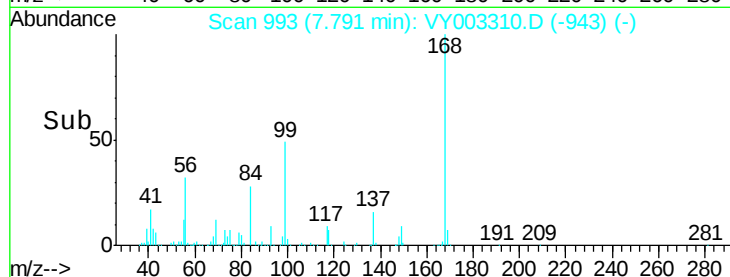
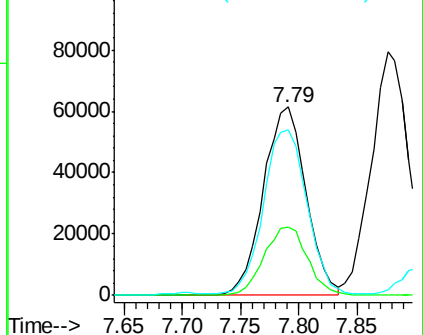
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 22.669 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

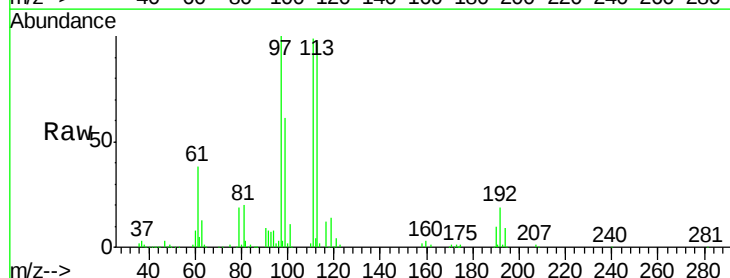
Tgt Ion: 97 Resp: 148459

Ion Ratio Lower Upper

97 100

99 62.5 52.1 78.1

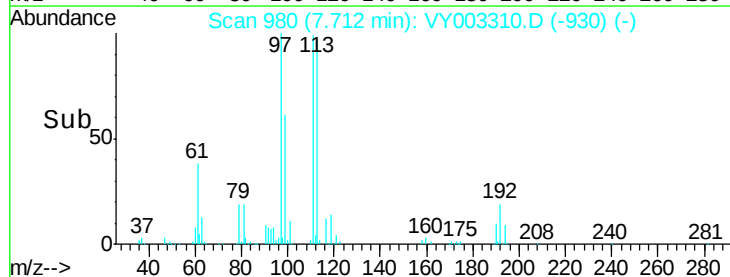
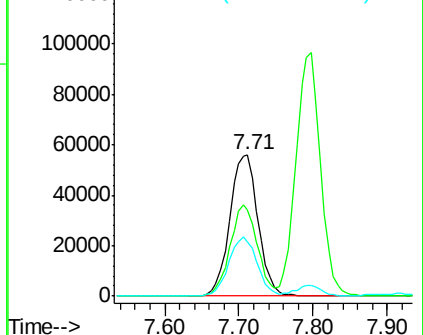
61 42.0 33.9 50.9

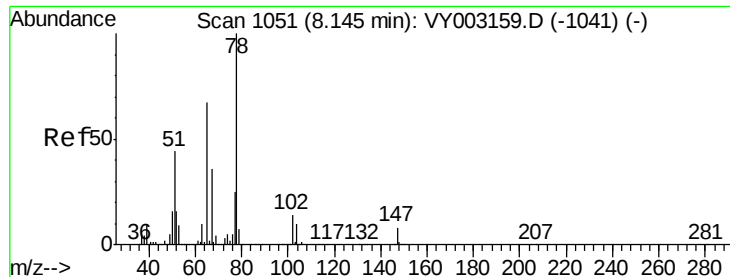


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





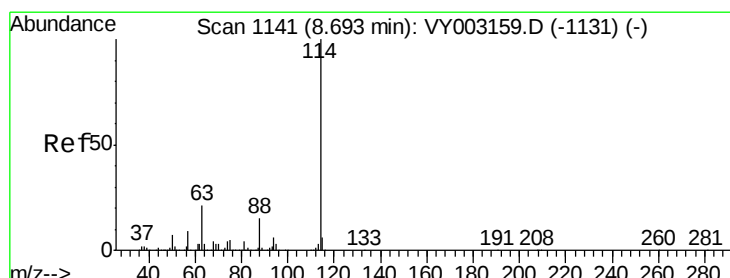
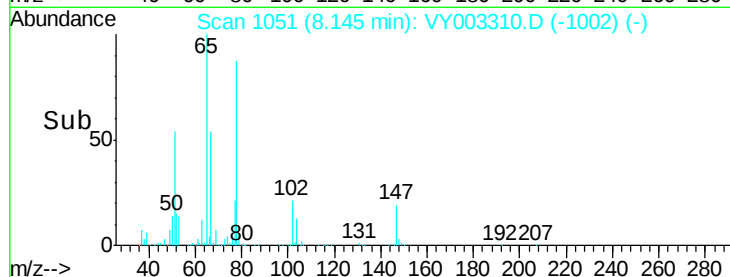
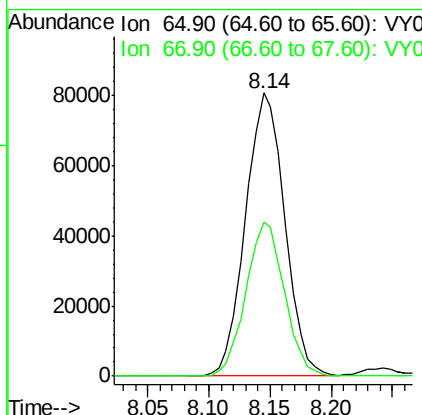
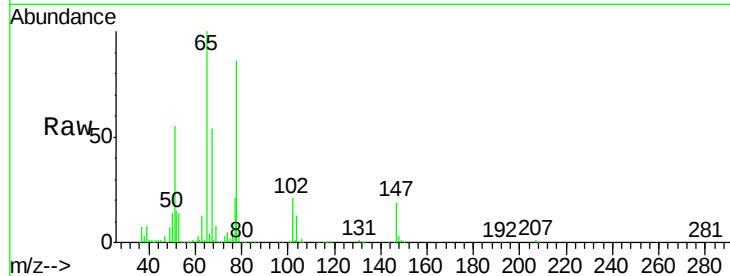
#33
 1,2-Dichloroethane-d4
 Concen: 47.989 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	105.2	

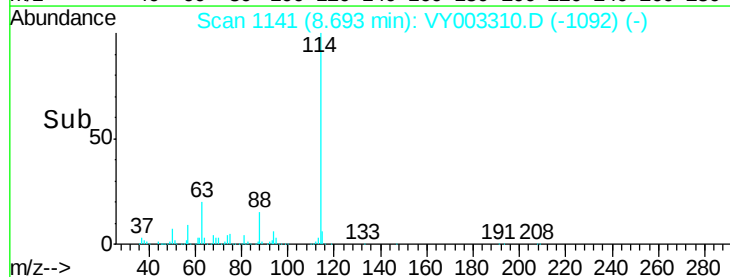
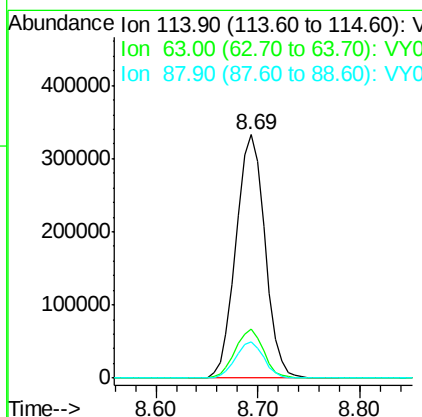
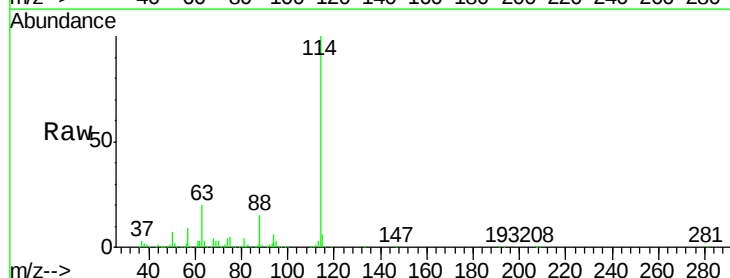
Manual Integrations
 APPROVED

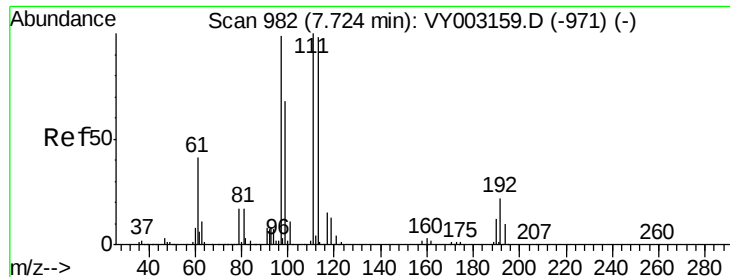
MMDadoda
 7/24/2020 12:58:26 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.3	0.0	41.2	
88	15.0	0.0	30.2	





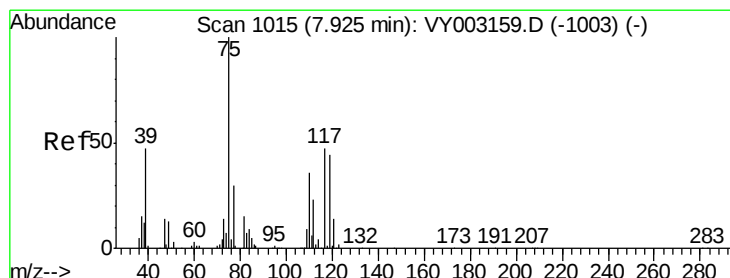
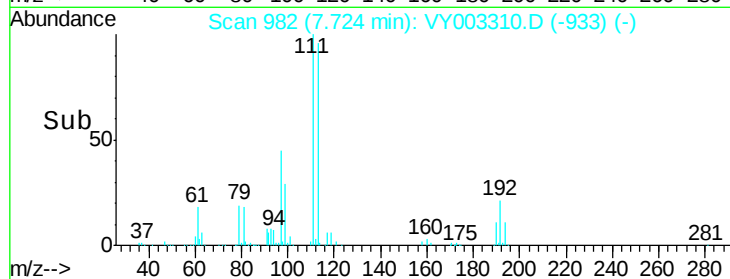
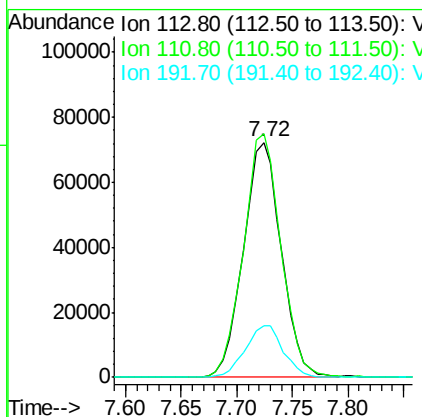
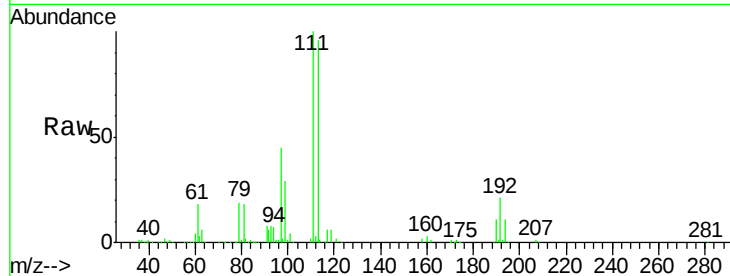
#35
 Dibromofluoromethane
 Concen: 45.476 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	171323		
111	102.8	82.1	123.1	
192	22.1	18.8	28.2	

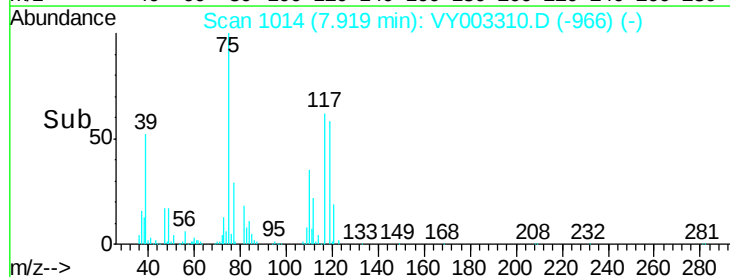
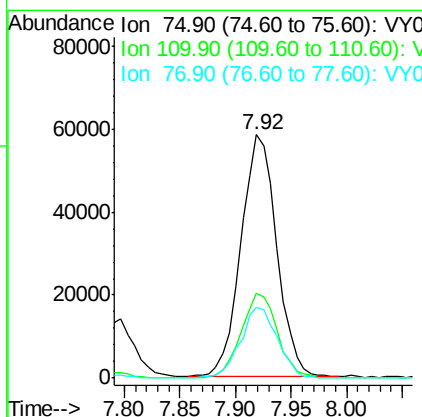
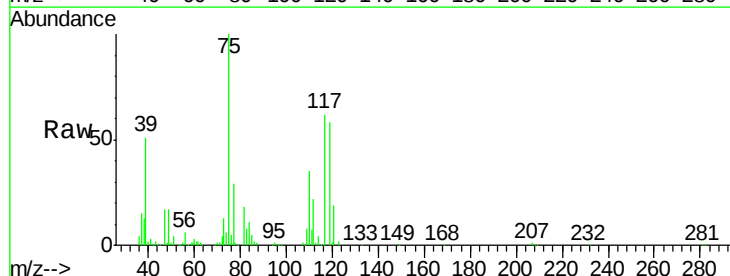
Manual Integrations
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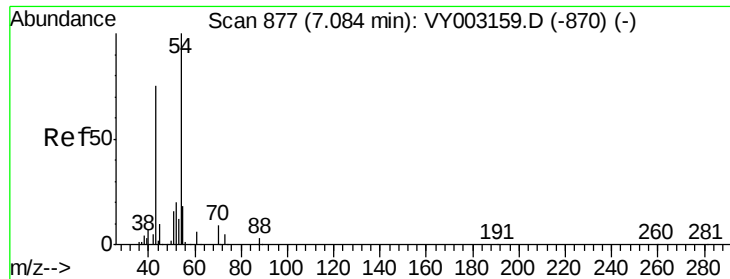
MMDadoda
 7/24/2020 12:58:26 PM



#36
 1,1-Dichloropropene
 Concen: 21.999 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	130526		
110	35.4	18.1	54.1	
77	30.4	24.8	37.2	





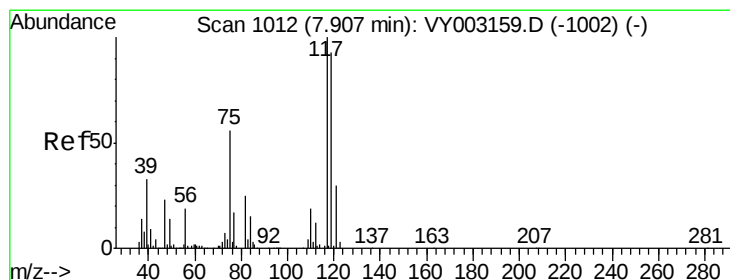
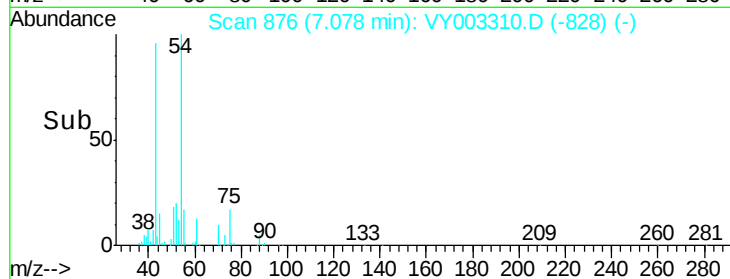
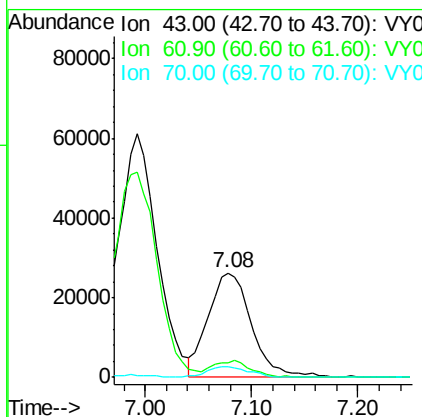
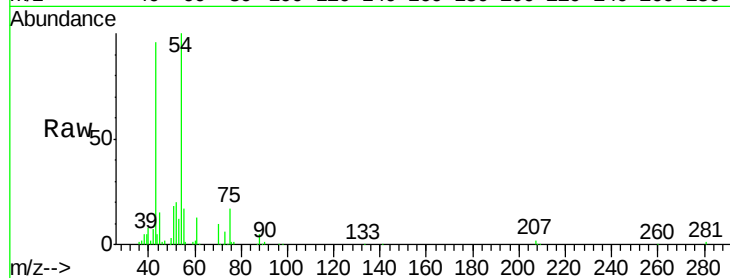
#37
Ethyl Acetate
Concen: 22.875 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.8	17.6
70	10.0	8.6	13.0

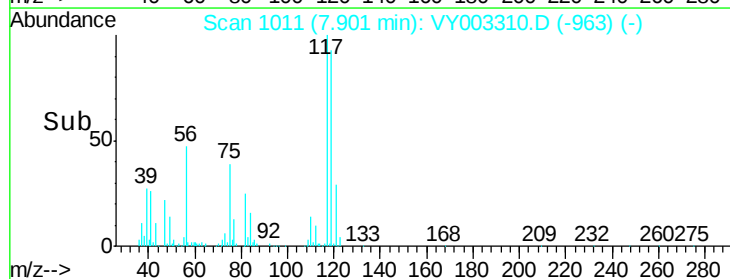
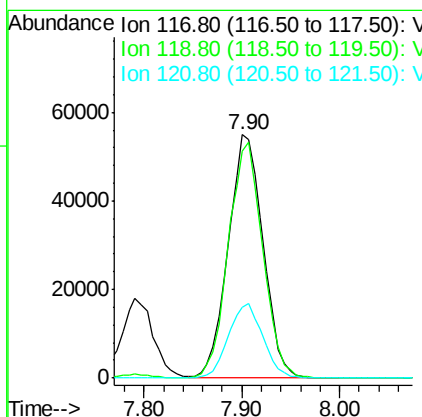
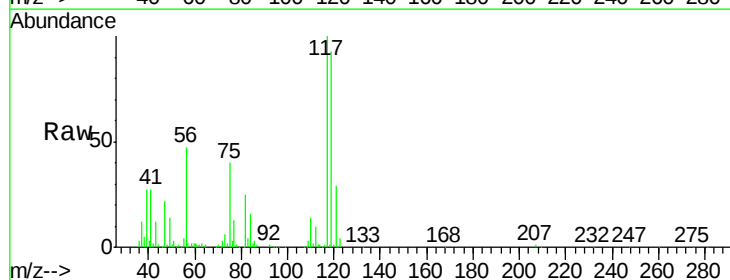
Manual Integrations
APPROVED

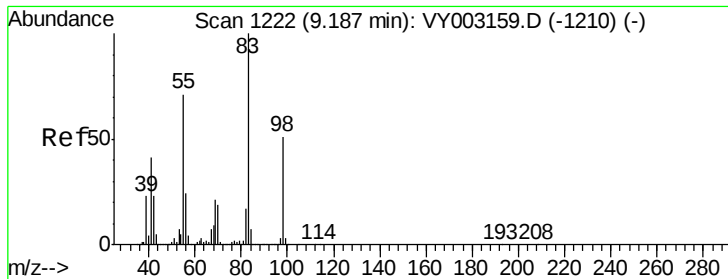
MMDadoda
7/24/2020 12:58:26 PM



#38
Carbon Tetrachloride
Concen: 22.152 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.5	111.7
121	29.1	24.2	36.2





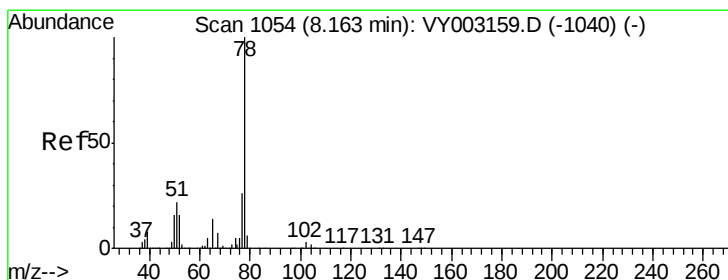
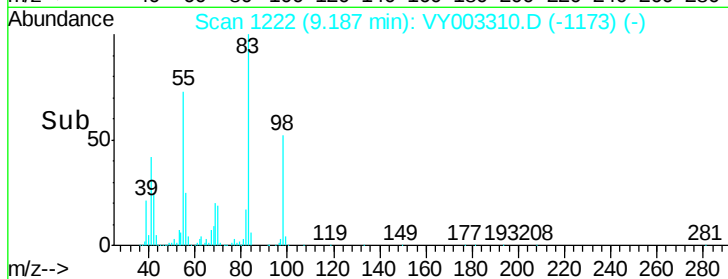
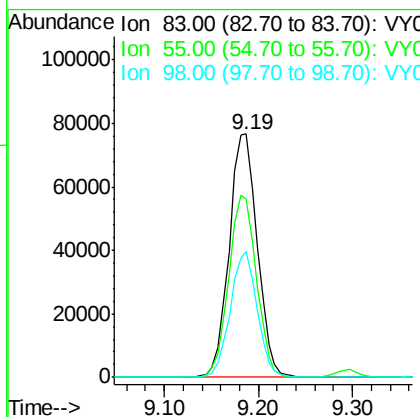
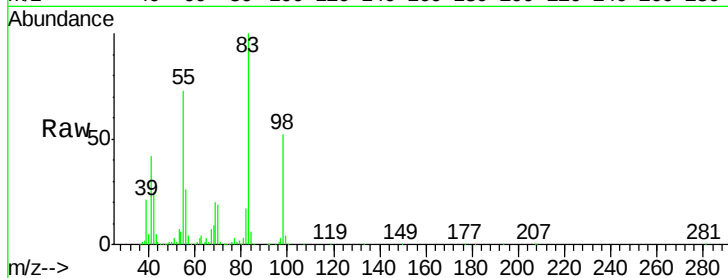
#39
Methvlcvclohexane
Concen: 21.361 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.3	57.2	85.8
98	51.9	41.0	61.6

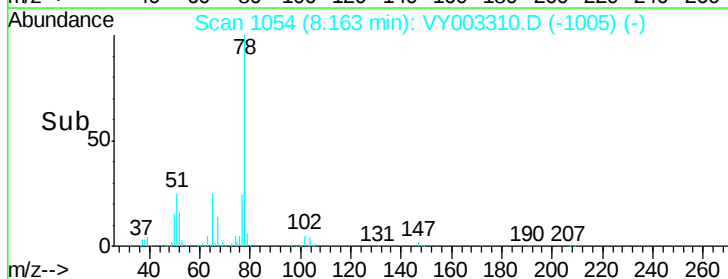
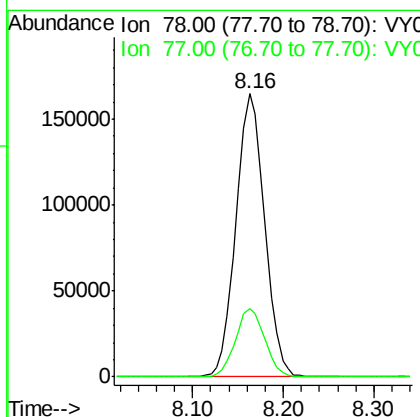
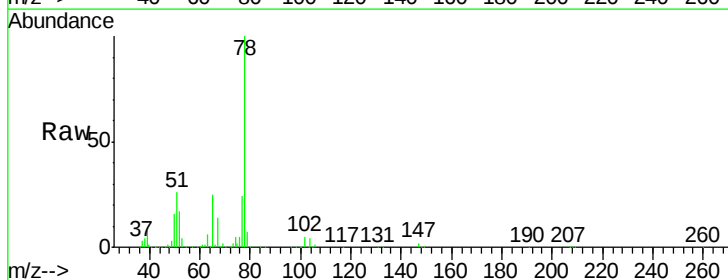
Manual Integrations
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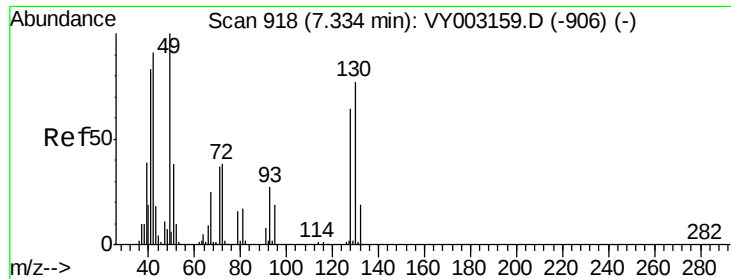
MMDadoda
7/24/2020 12:58:26 PM



#40
Benzene
Concen: 22.148 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	20.7	31.1





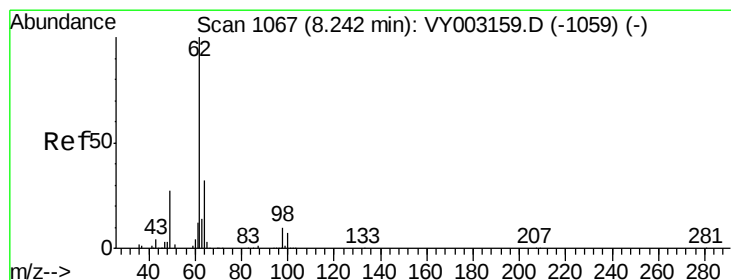
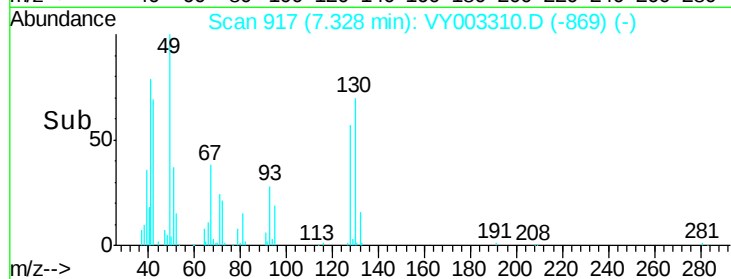
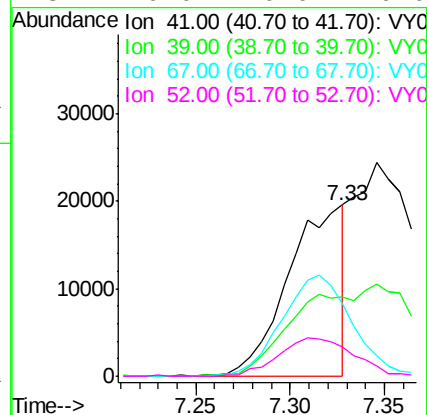
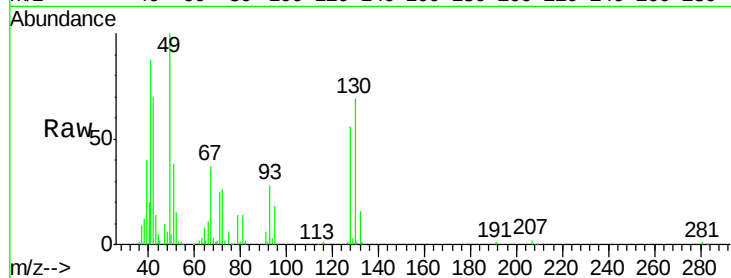
#41
Methacrylonitrile
Concen: 21.234 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	41	Resp	40863
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

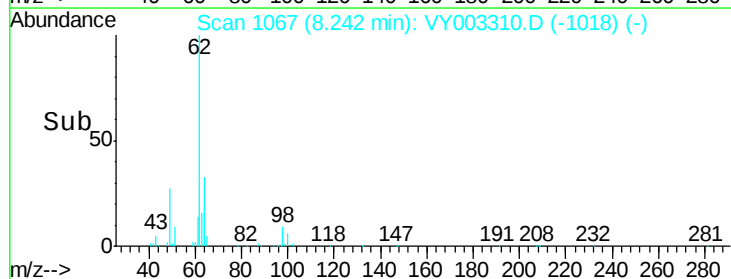
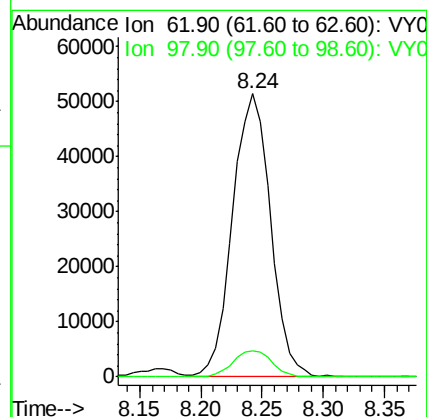
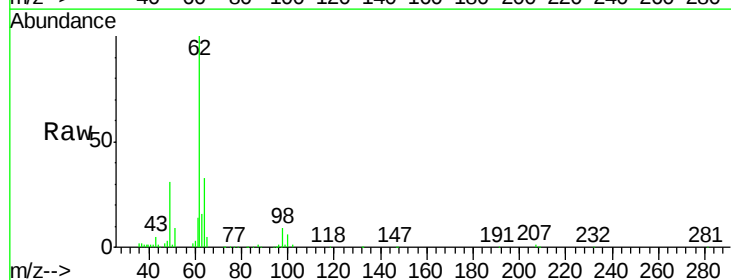
Manual Integrations
APPROVED

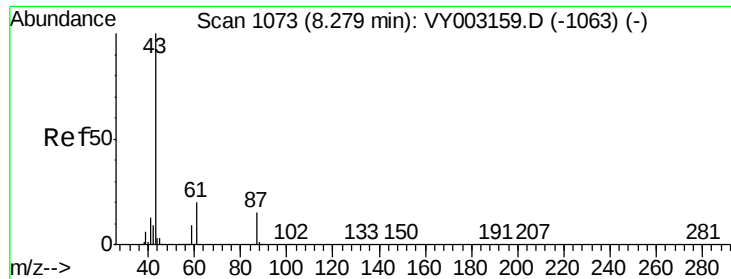
MMDadoda
7/24/2020 12:58:26 PM



#42
1,2-Dichloroethane
Concen: 22.004 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	62	Resp	110669
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





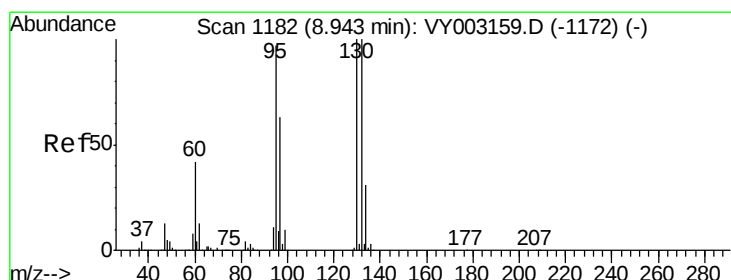
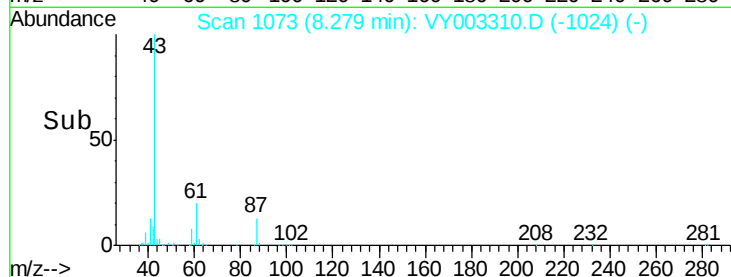
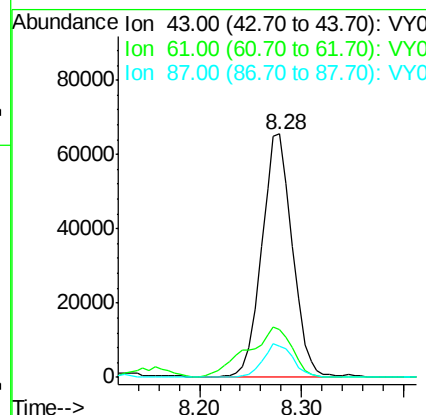
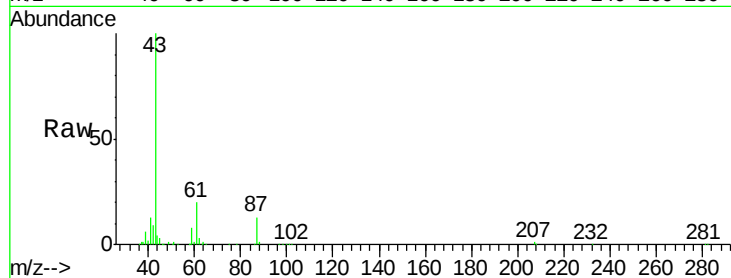
#43
Isopropyl Acetate
Concen: 21.965 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.3	23.7	35.5
87	13.6	11.4	17.0

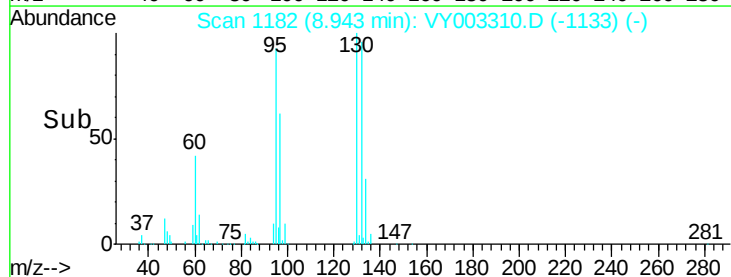
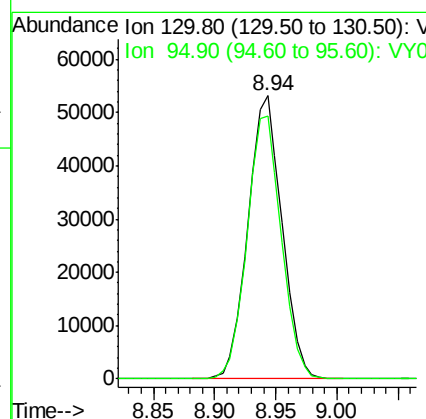
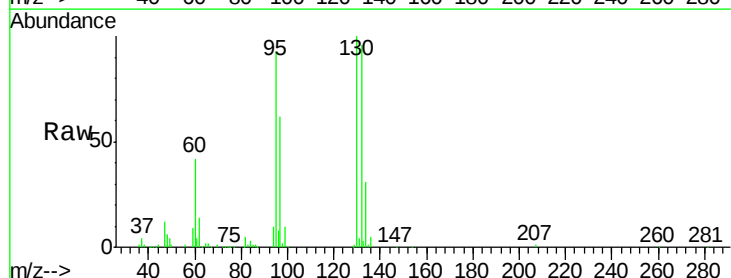
Manual Integrations
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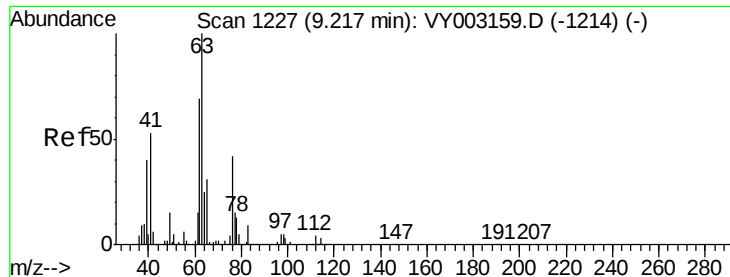
MMDadoda
7/24/2020 12:58:26 PM



#44
Trichloroethene
Concen: 20.512 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	193.8





#45

1,2-Dichloropropane

Concen: 22.879 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 63 Resp: 96715

Ion Ratio Lower Upper

63 100

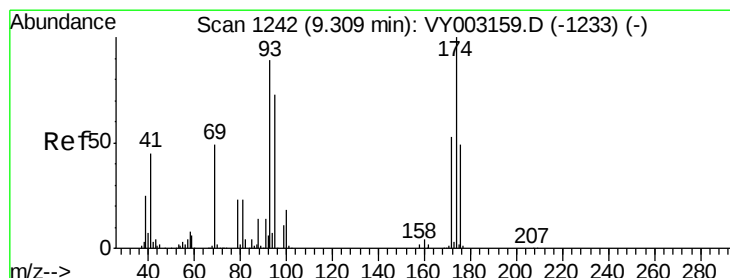
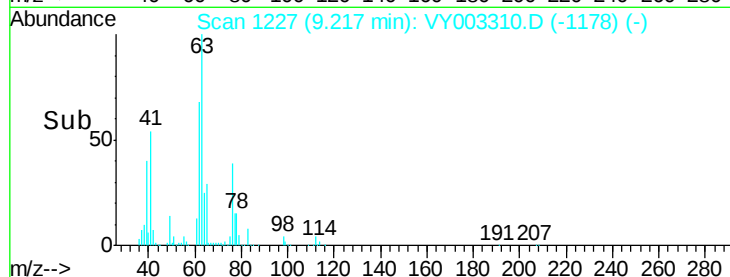
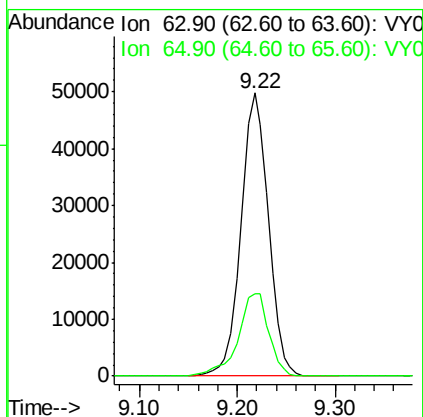
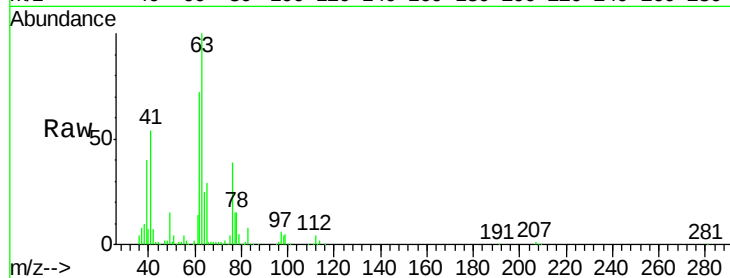
65 29.1 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 21.266 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

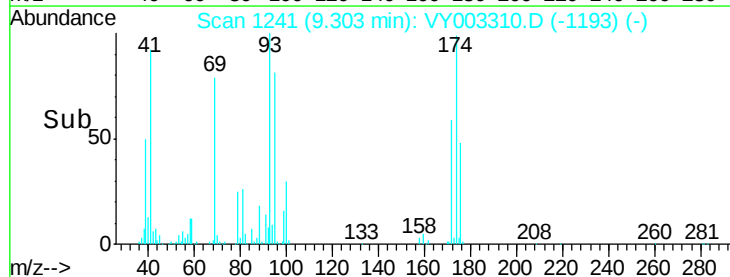
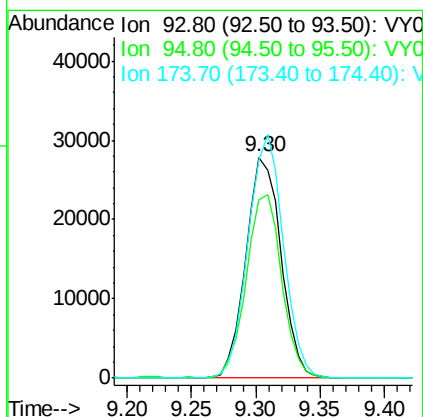
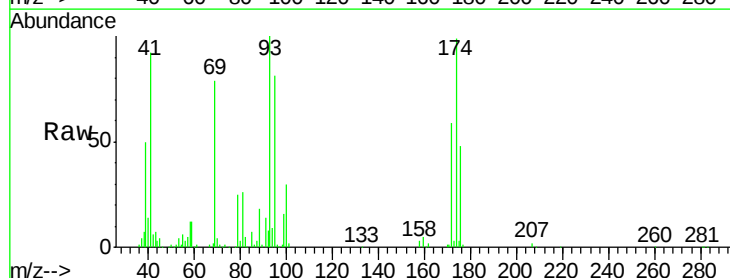
Tgt Ion: 93 Resp: 52505

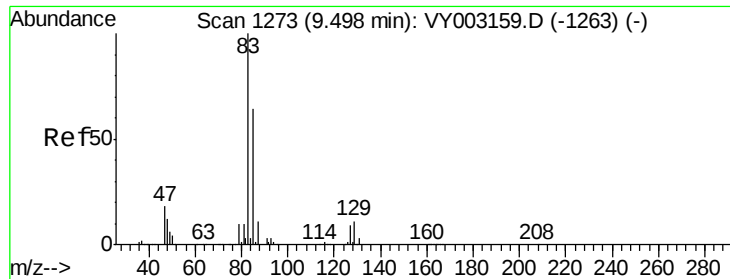
Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

174 110.4 90.2 135.4





#47

Bromodichloromethane

Concen: 22.526 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

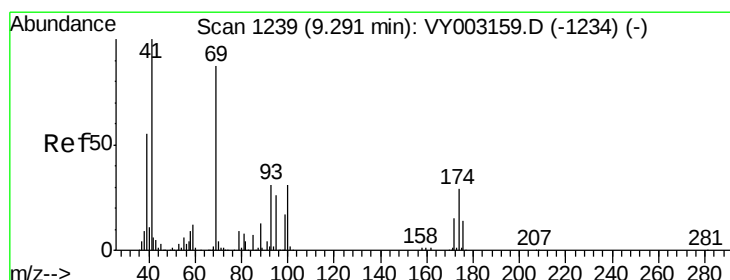
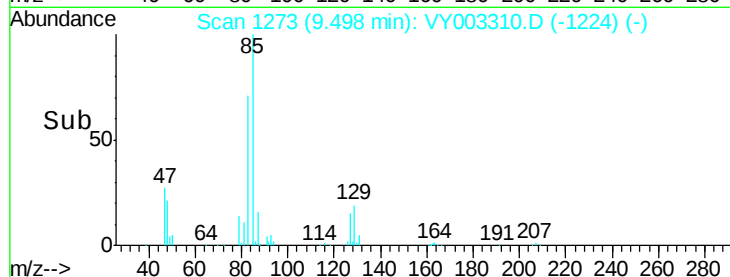
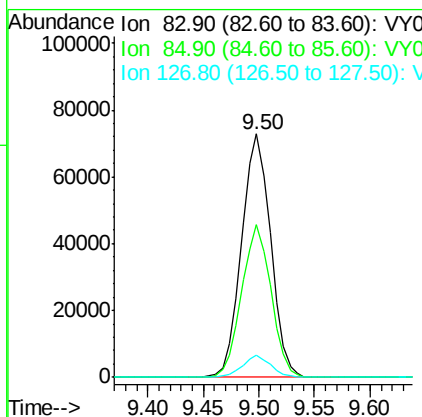
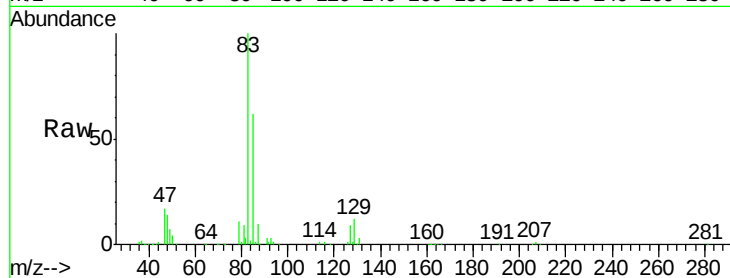
ClientSampleId :

VY0723SBS01

Tot Ion:	83	Resp:	132274
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.9	76.3
127	9.3	7.0	10.4

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#48

Methyl methacrylate

Concen: 22.196 ug/l

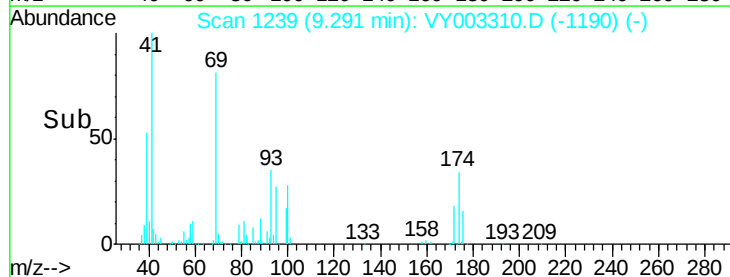
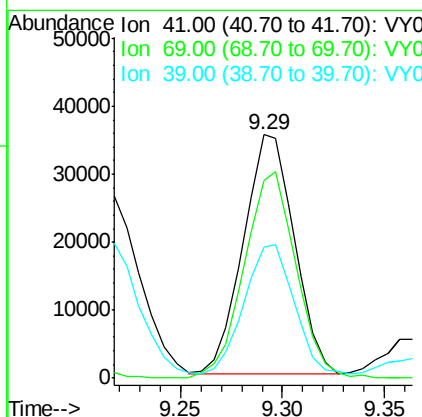
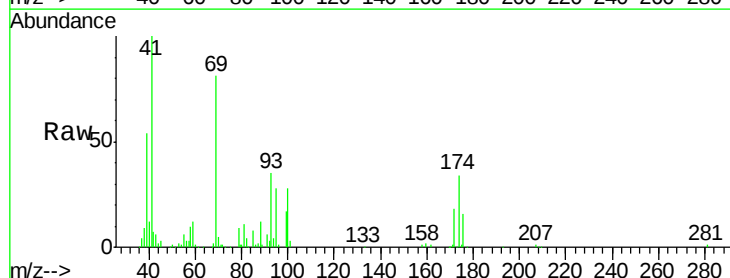
RT: 9.29 min Scan# 1239

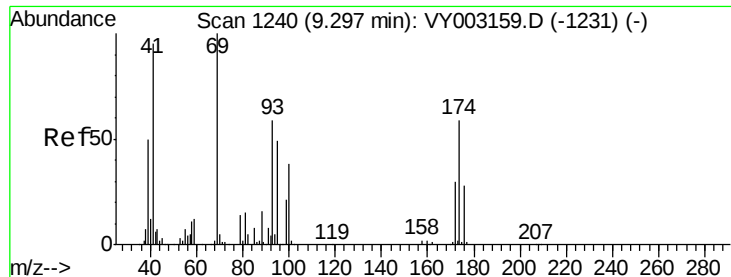
Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion:	41	Resp:	61370
Ion	Ratio	Lower	Upper
41	100		
69	87.5	74.5	111.7
39	53.3	47.5	71.3





#49

1,4-Dioxane

Concen: 404.872 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 88 Resp: 12687

Ion Ratio Lower Upper

88 100

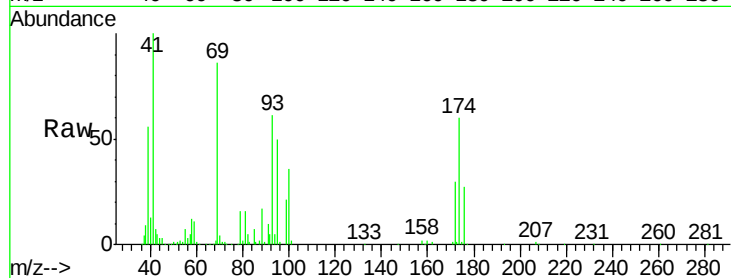
43 36.0 25.6 38.4

58 81.3 47.8 71.6#

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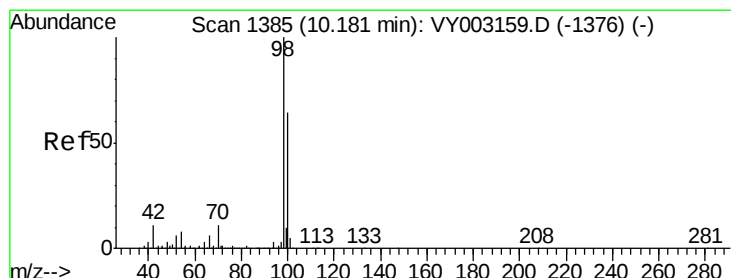
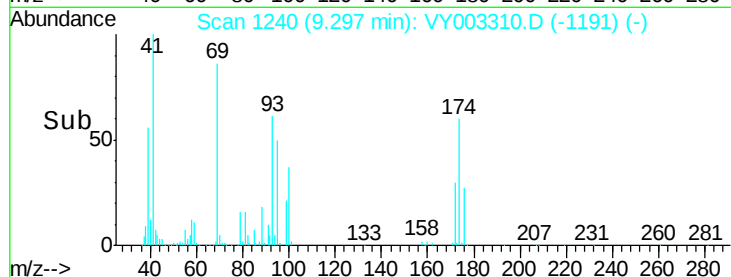
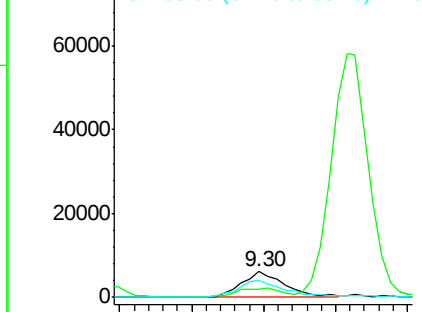
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Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 45.178 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003310.D

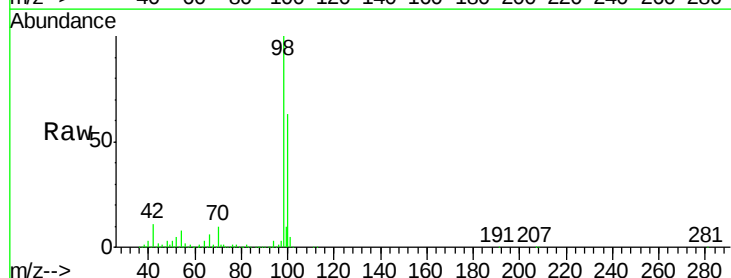
Acq: 23 Jul 2020 12:33

Tgt Ion: 98 Resp: 632776

Ion Ratio Lower Upper

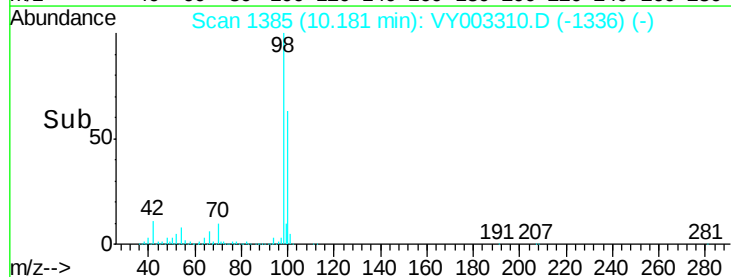
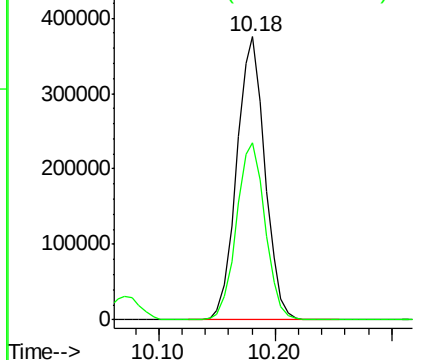
98 100

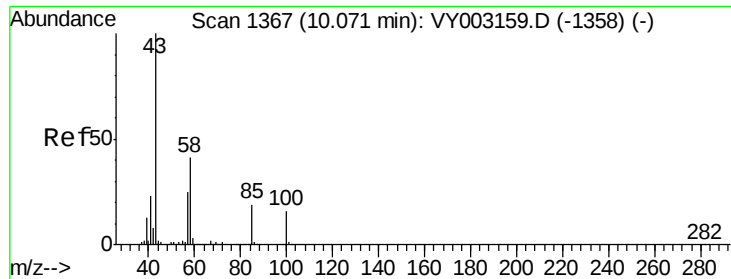
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





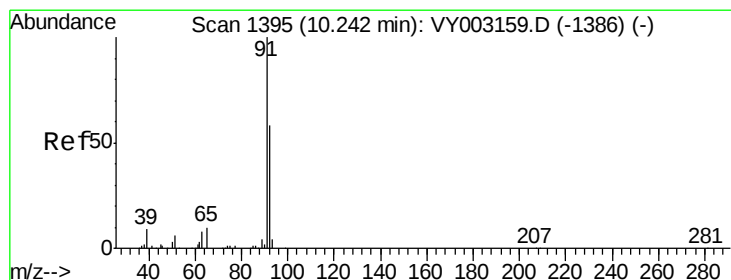
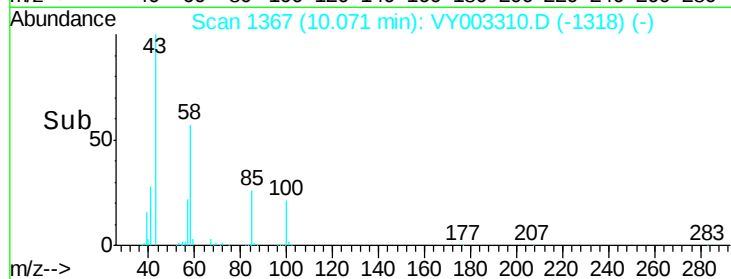
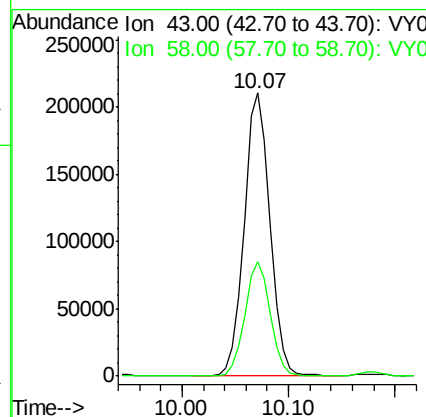
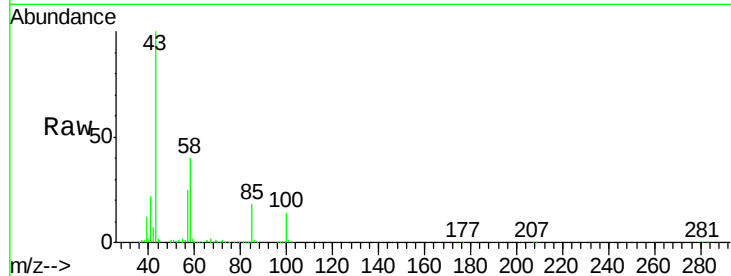
#51
4-Methyl-2-Pentanone
Concen: 111.023 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 43 Resp: 356904
Ion Ratio Lower Upper
43 100
58 39.9 32.7 49.1

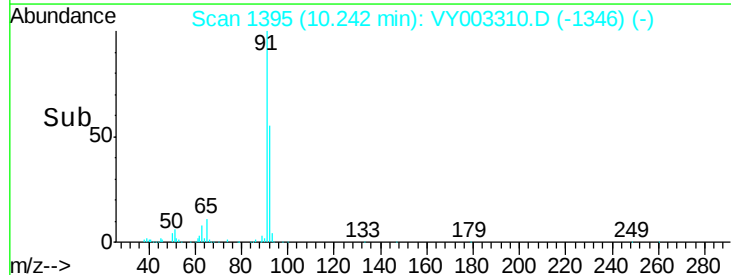
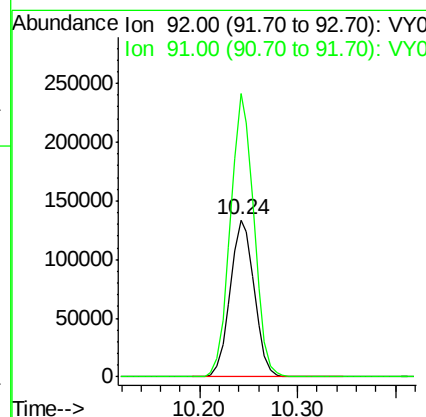
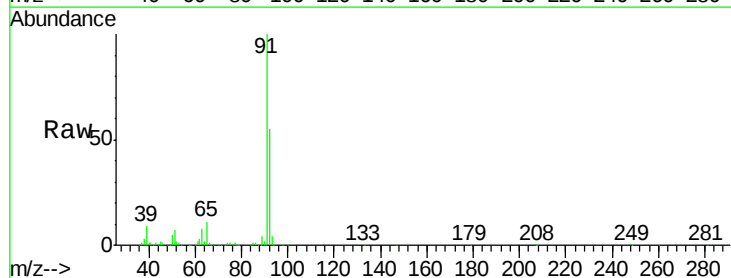
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#52
Toluene
Concen: 21.725 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 92 Resp: 226859
Ion Ratio Lower Upper
92 100
91 176.8 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 22.087 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 75 Resp: 134378

Ion Ratio Lower Upper

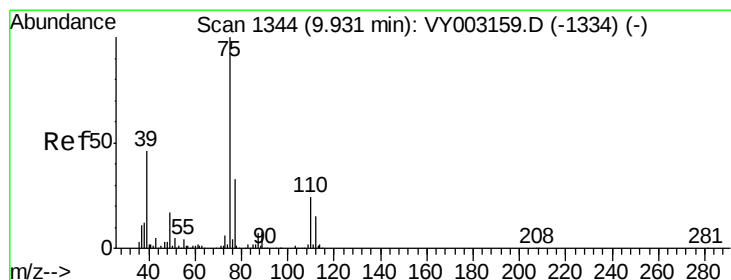
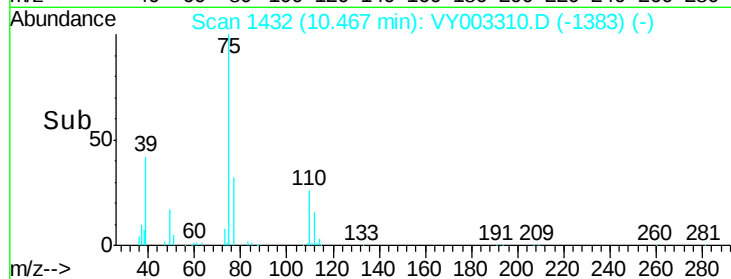
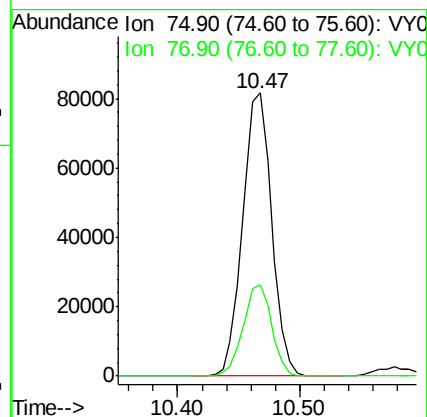
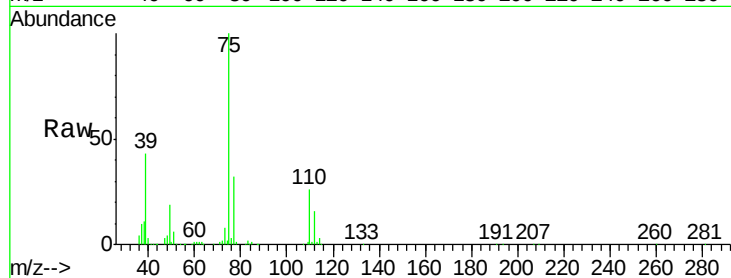
75 100

77 32.1 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 22.210 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

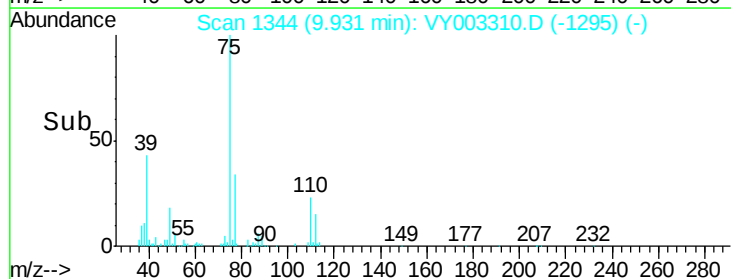
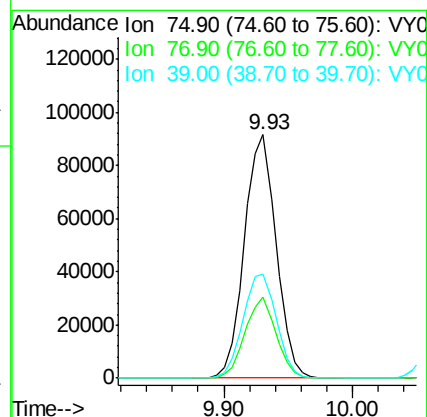
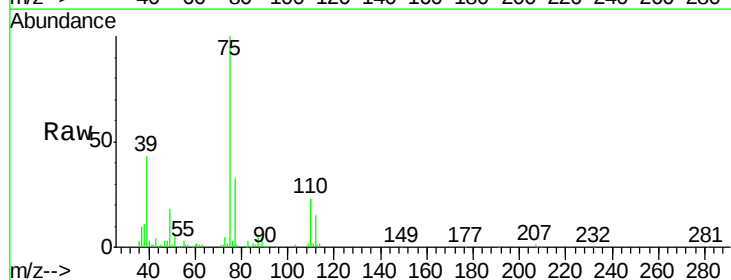
Tgt Ion: 75 Resp: 155692

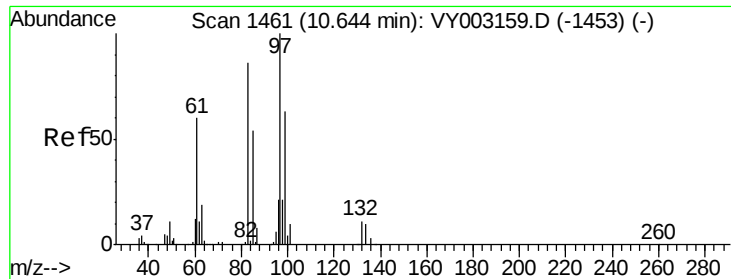
Ion Ratio Lower Upper

75 100

77 33.5 26.7 40.1

39 42.7 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 21.819 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 97 Resp: 76338

Ion Ratio Lower Upper

97 100

83 83.7 68.8 103.2

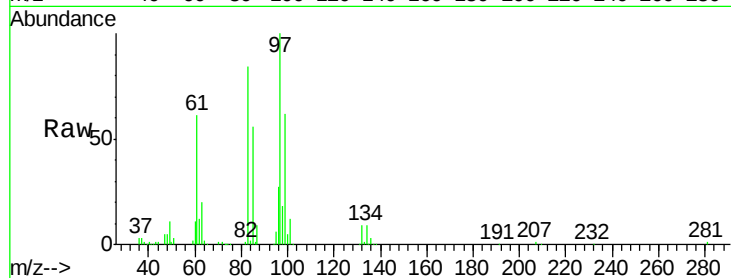
85 55.9 43.1 64.7

99 62.4 50.8 76.2

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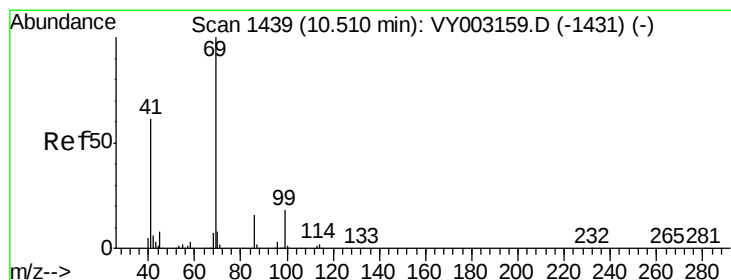
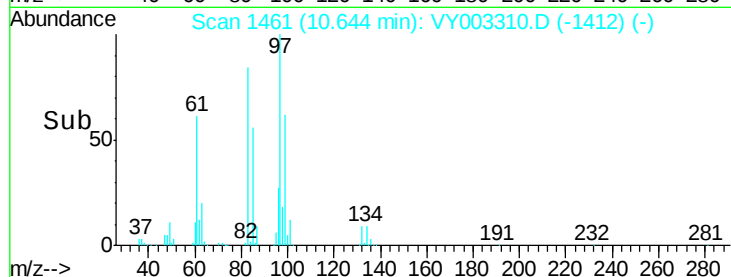
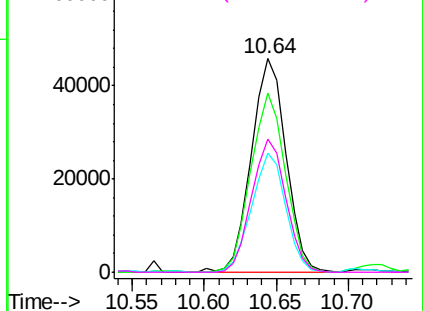


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.545 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

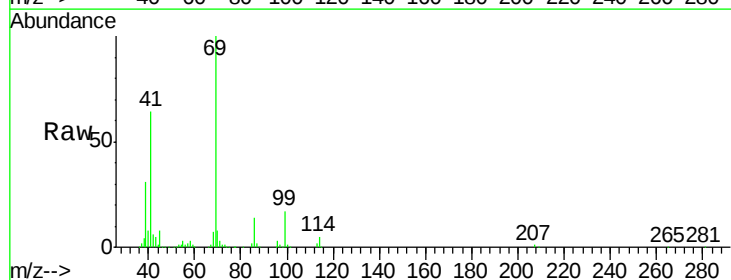
Tgt Ion: 69 Resp: 102482

Ion Ratio Lower Upper

69 100

41 64.6 50.0 75.0

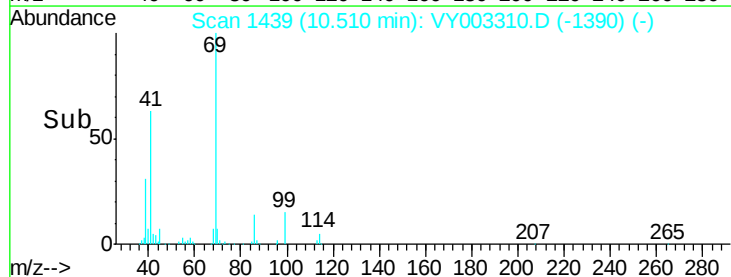
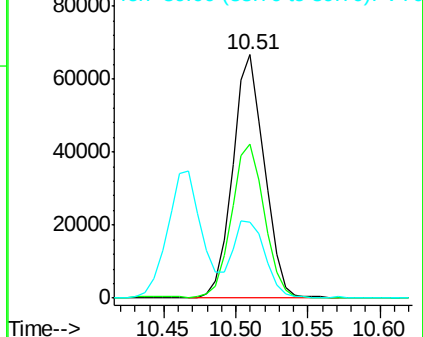
39 31.2 27.6 41.4

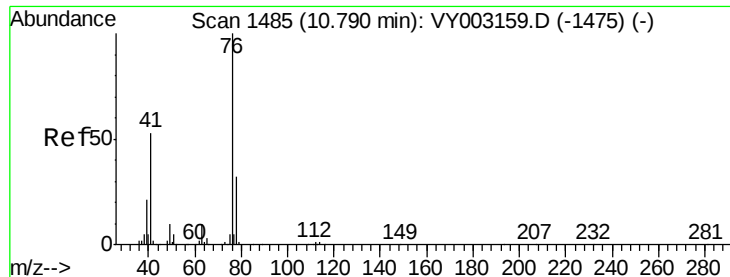


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





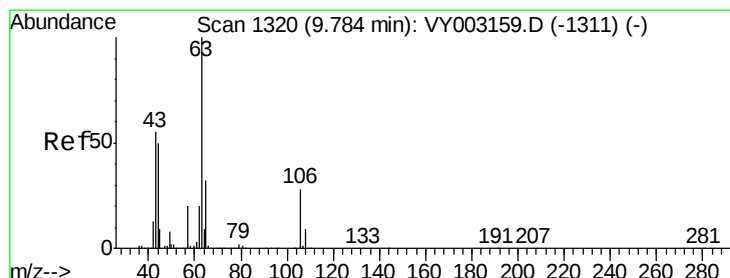
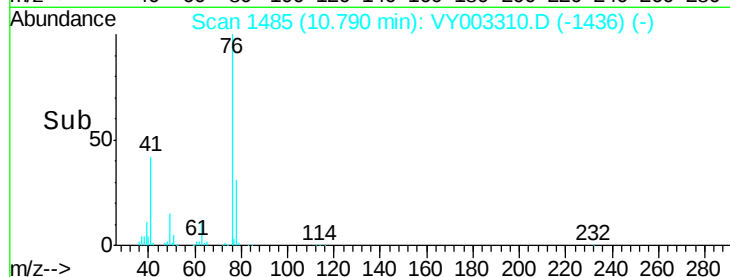
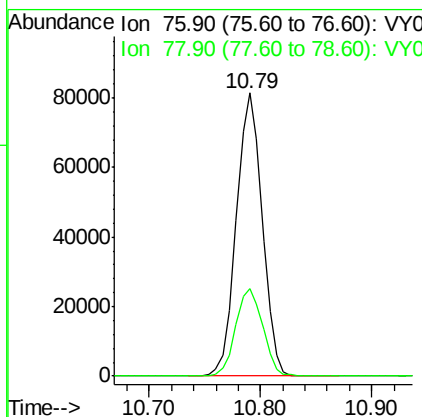
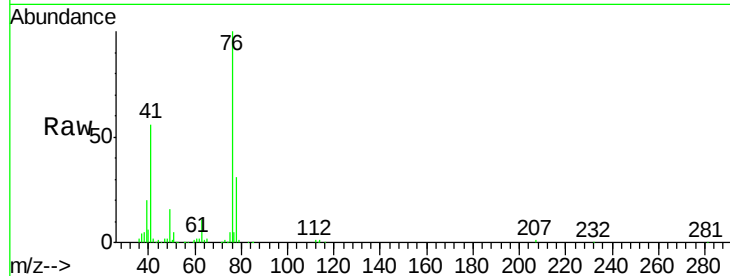
#57
 1,3-Dichloropropane
 Concen: 22.035 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

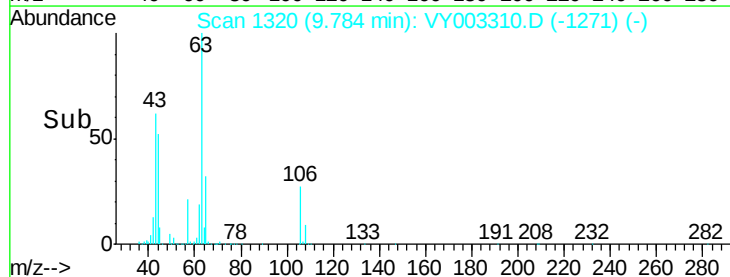
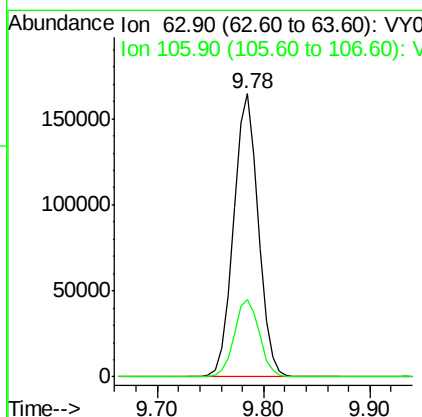
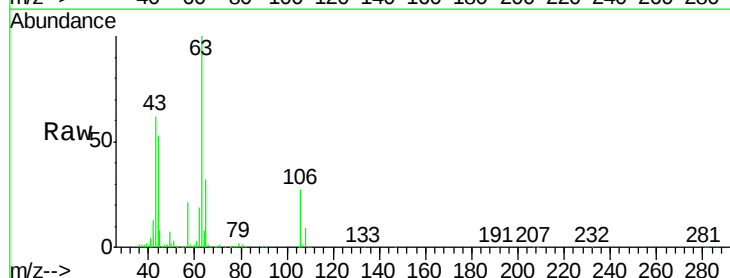
Manual Integrations
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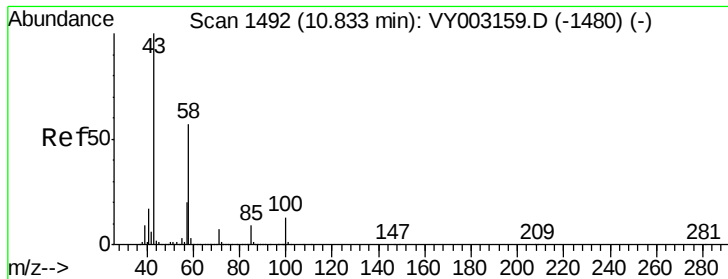
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#58
 2-Chloroethyl Vinyl ether
 Concen: 110.296 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.9	34.3





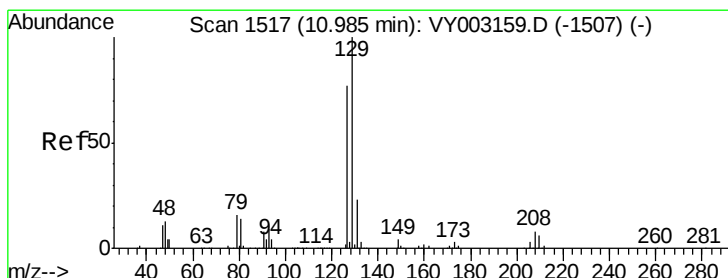
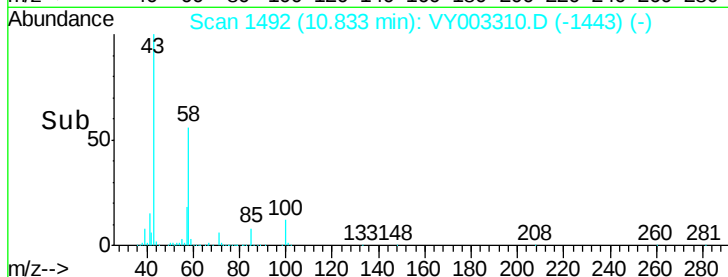
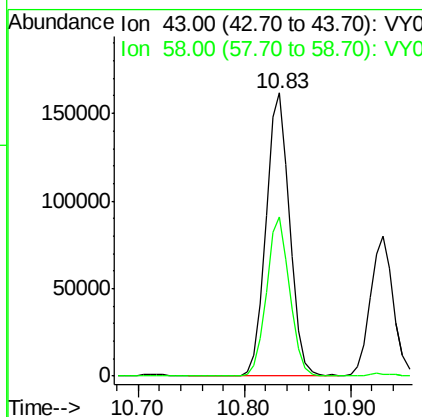
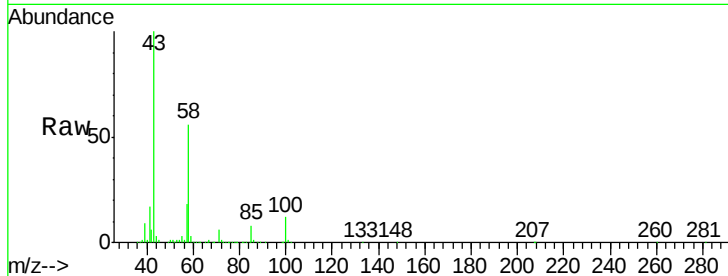
#59
2-Hexanone
Concen: 111.850 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 43 Resp: 251000
Ion Ratio Lower Upper
43 100
58 55.2 28.3 85.0

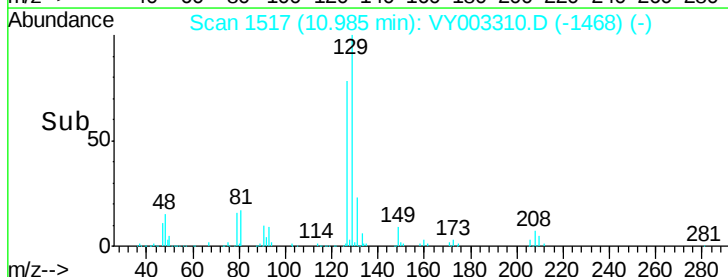
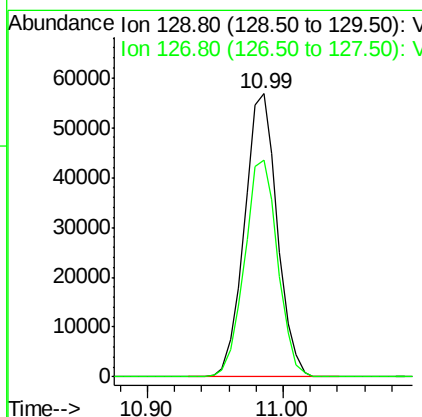
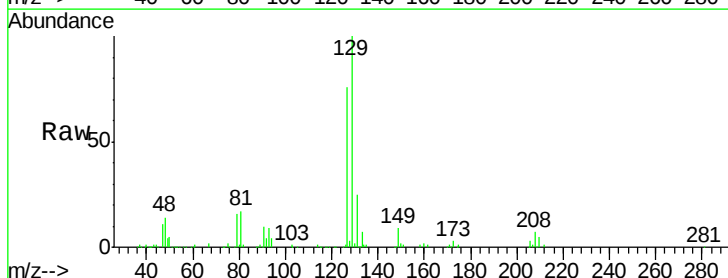
Manual Integrations
APPROVED

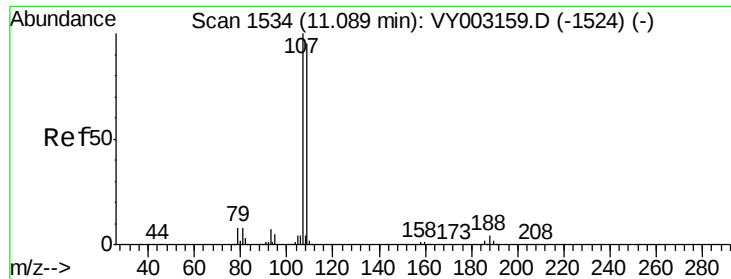
MMDadoda
7/24/2020 12:58:26 PM



#60
Dibromochloromethane
Concen: 21.763 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 129 Resp: 95768
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





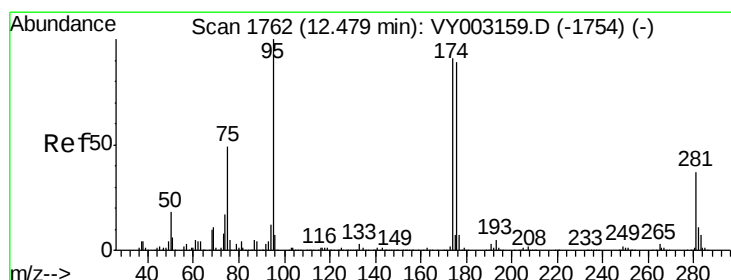
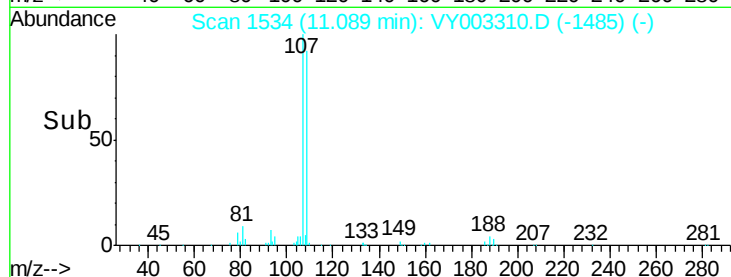
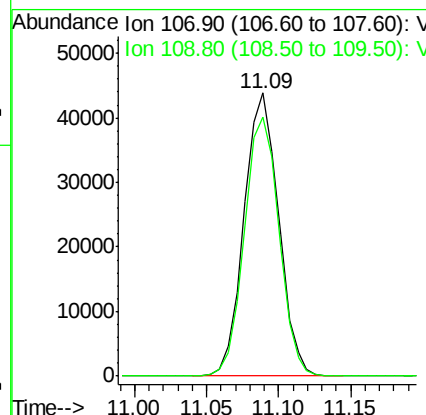
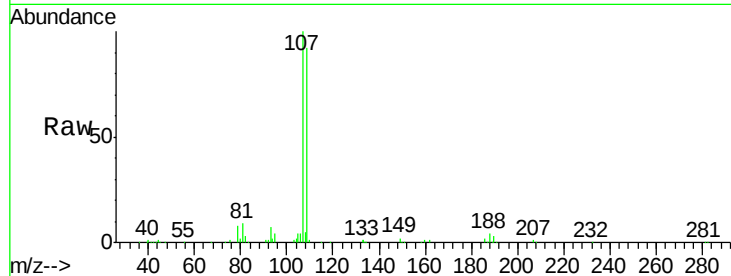
#61
 1,2-Dibromoethane
 Concen: 21.150 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion: 107 Resp: 73033
 Ion Ratio Lower Upper
 107 100
 109 91.7 75.6 113.4

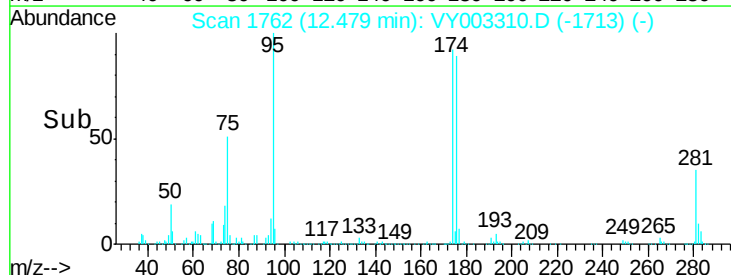
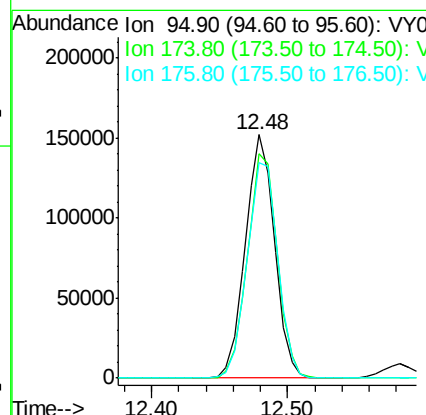
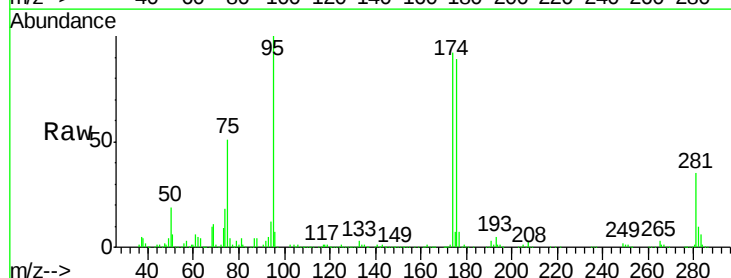
Manual Integrations
 APPROVED

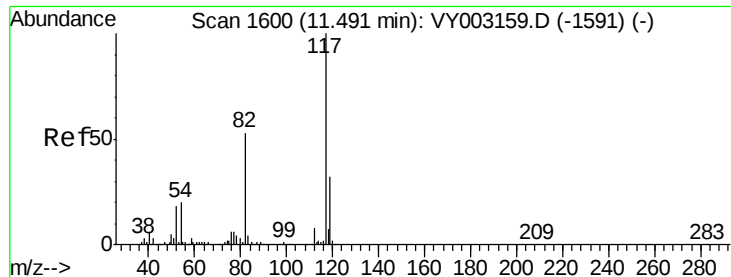
MMDadoda
 7/24/2020 12:58:26 PM



#62
 4-Bromofluorobenzene
 Concen: 45.101 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion: 95 Resp: 228206
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 190.6
 176 93.2 0.0 186.4





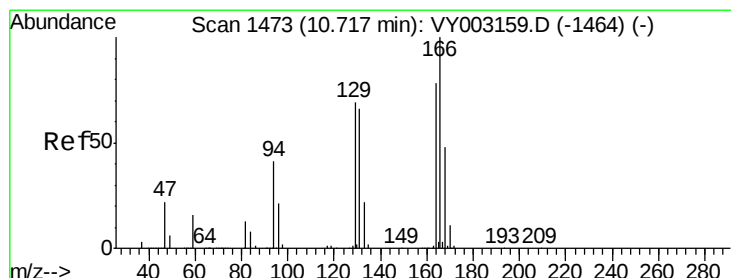
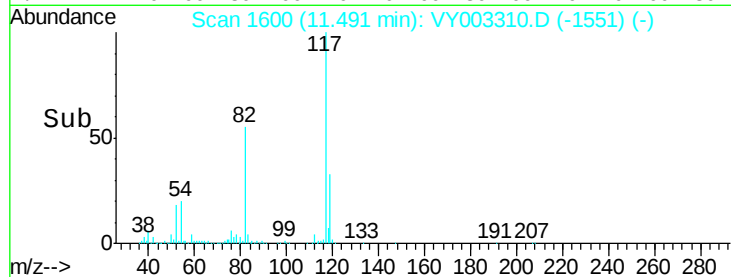
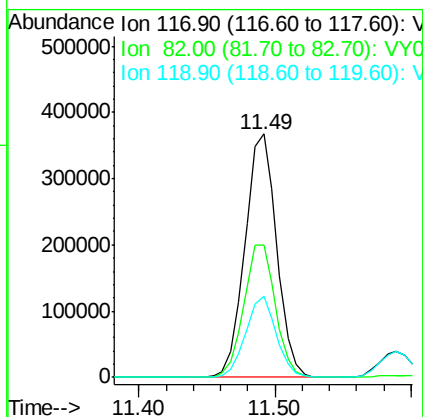
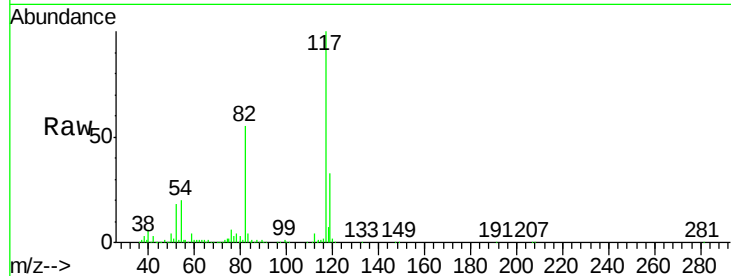
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	599371		
82	54.6		42.0	63.0
119	33.3		25.5	38.3

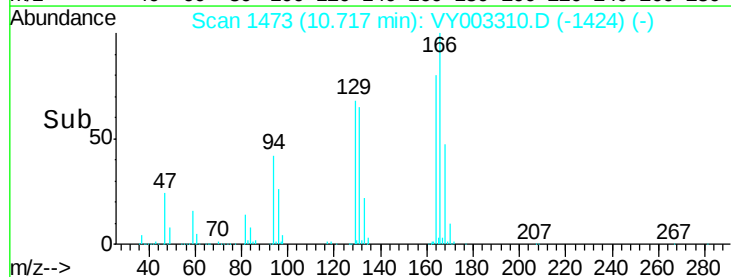
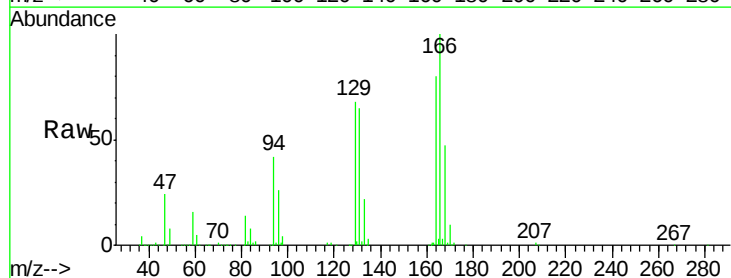
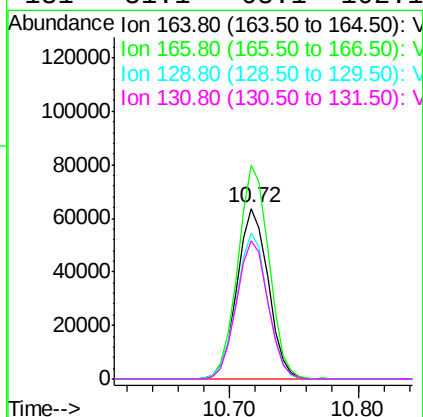
Manual Integrations
APPROVED

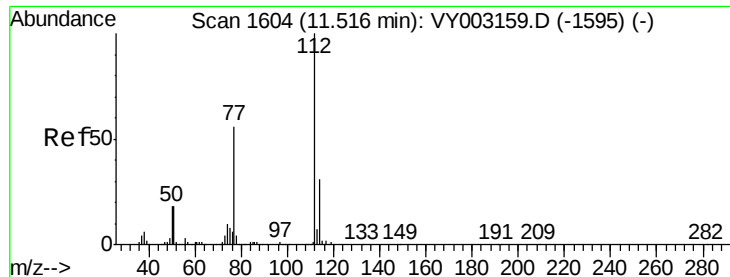
MMDadoda
7/24/2020 12:58:26 PM



#64
Tetrachloroethene
Concen: 19.943 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106581		
166	125.0		102.9	154.3
129	85.4		71.4	107.2
131	81.1		68.1	102.1





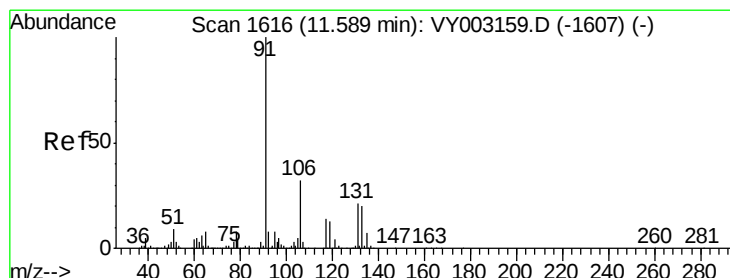
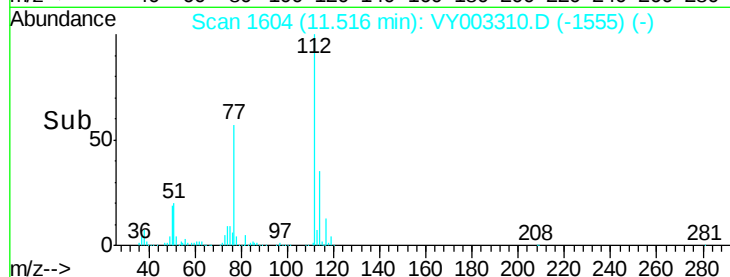
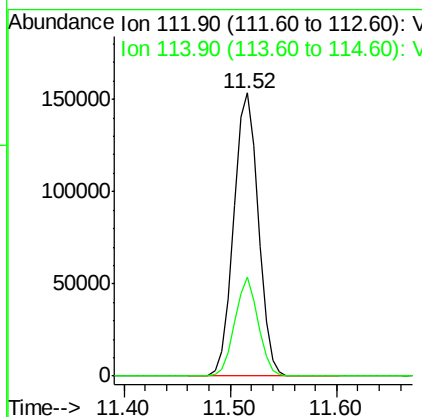
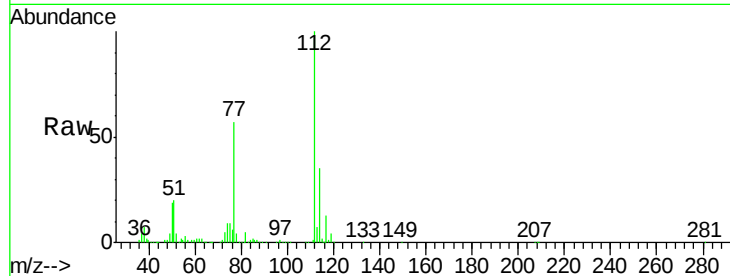
#65
Chlorobenzene
Concen: 21.659 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion:112 Resp: 250085
Ion Ratio Lower Upper
112 100
114 35.0 24.7 37.1

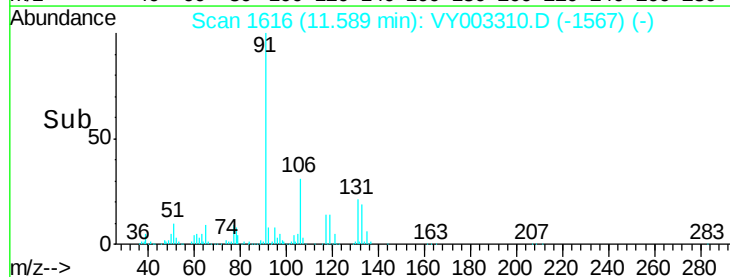
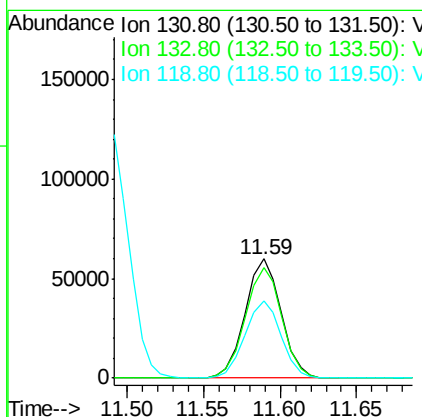
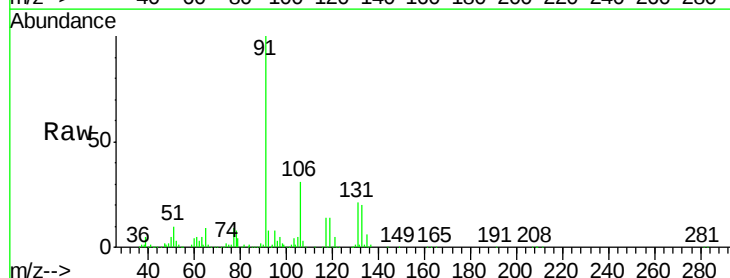
Manual Integrations
APPROVED

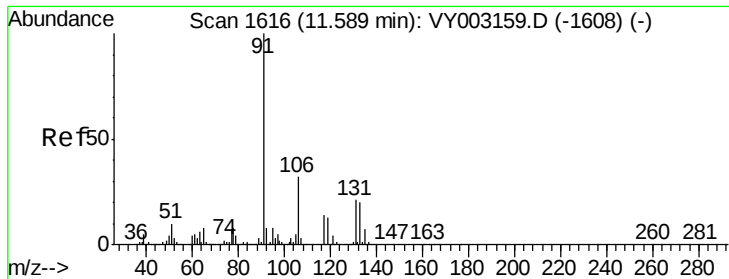
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.791 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion:131 Resp: 97723
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.0
119 65.1 32.4 97.0





#67

Ethyl Benzene

Concen: 22.004 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 91 Resp: 453642

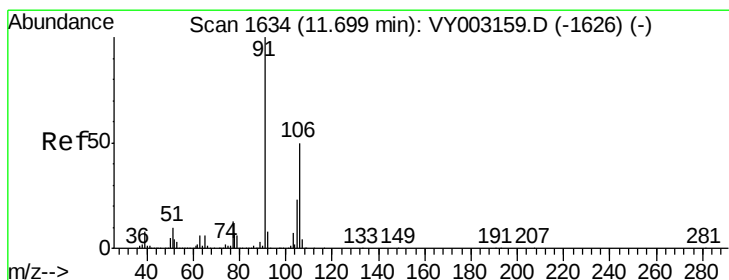
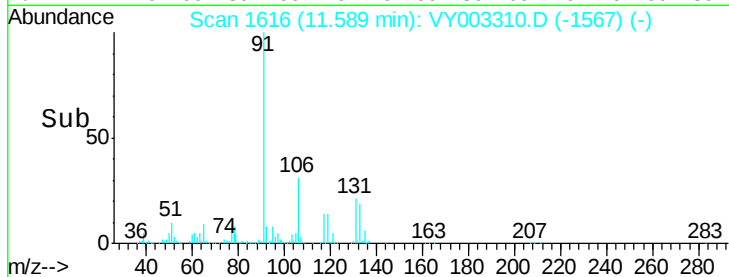
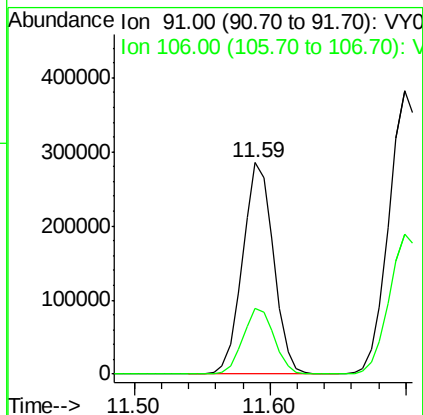
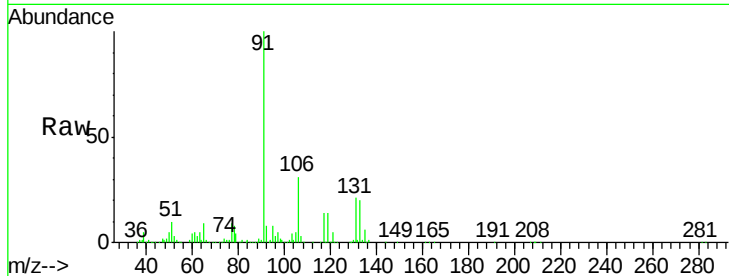
Ion Ratio Lower Upper

91 100

106 31.0 25.5 38.3

Manual Integrations
APPROVED

MMDadoda
7/24/2020 12:58:26 PM



#68

m/p-Xylenes

Concen: 43.500 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003310.D

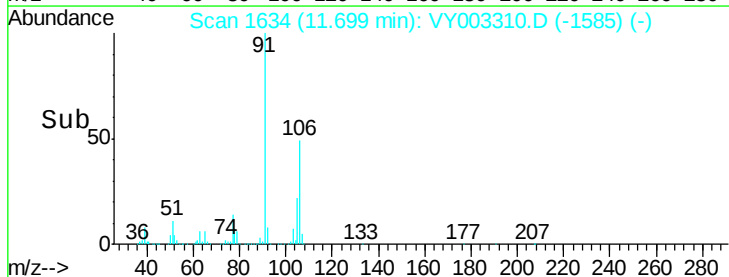
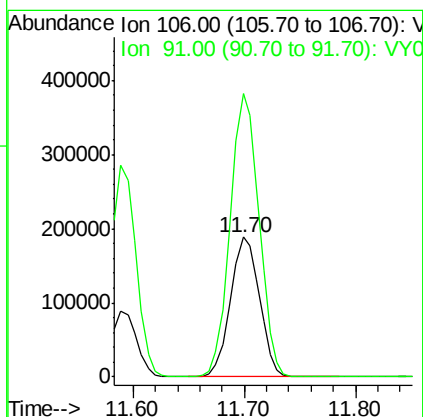
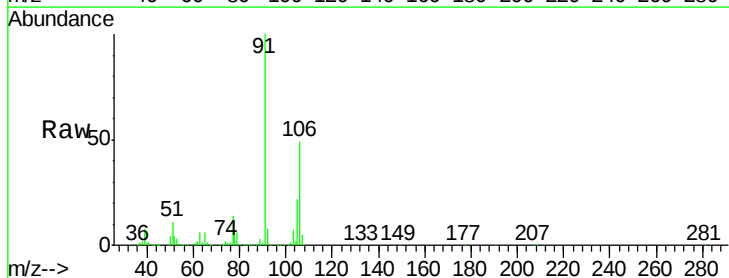
Acq: 23 Jul 2020 12:33

Tgt Ion: 106 Resp: 340273

Ion Ratio Lower Upper

106 100

91 201.3 159.0 238.6





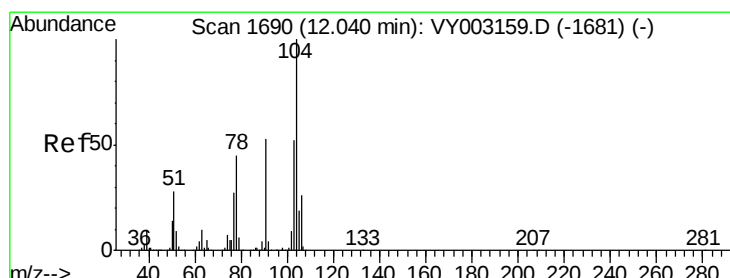
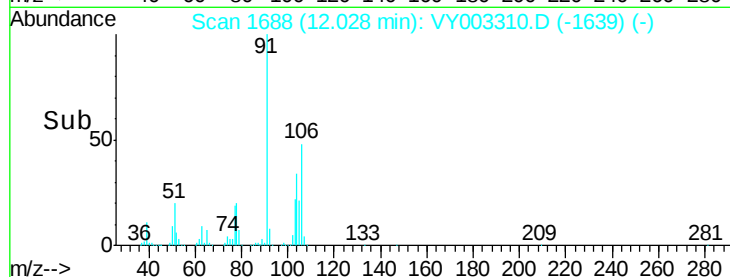
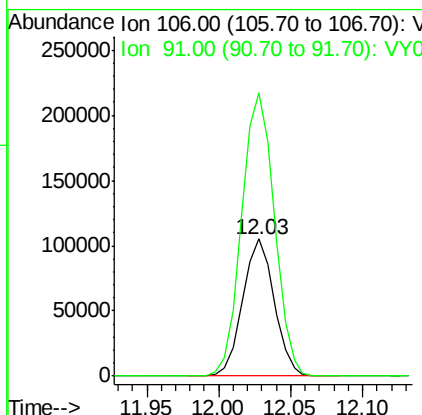
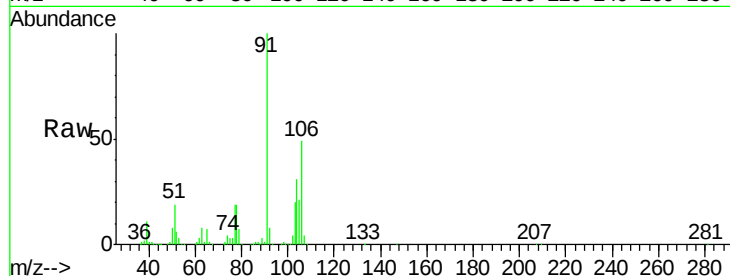
#69
o-Xylene
Concen: 21.863 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.6	105.1	315.1	

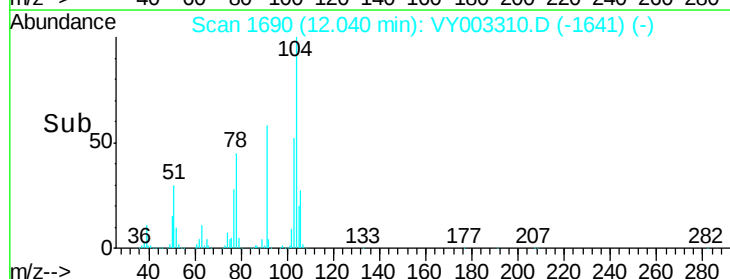
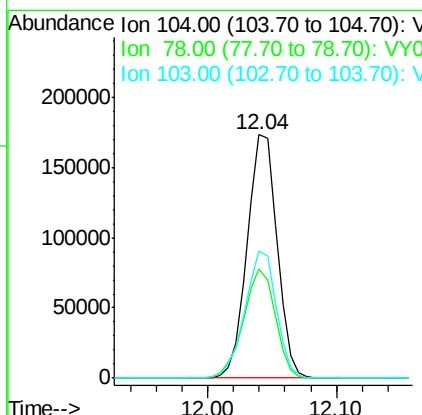
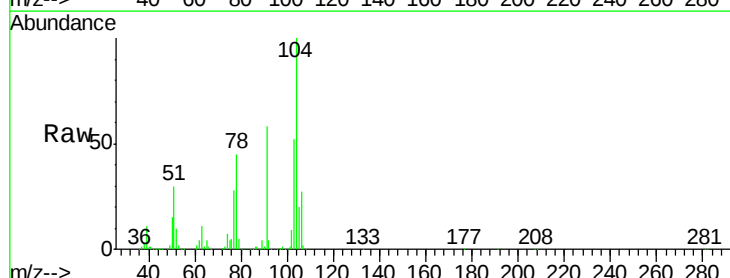
Manual Integrations
APPROVED

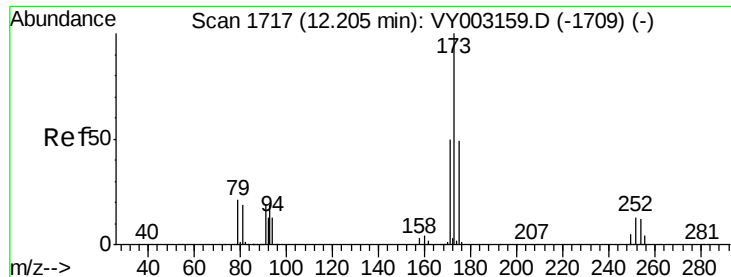
MMDadoda
7/24/2020 12:58:26 PM



#70
Styrene
Concen: 22.134 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.8	38.5	57.7	
103	55.4	43.9	65.9	





#71

Bromoform

Concen: 20.875 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

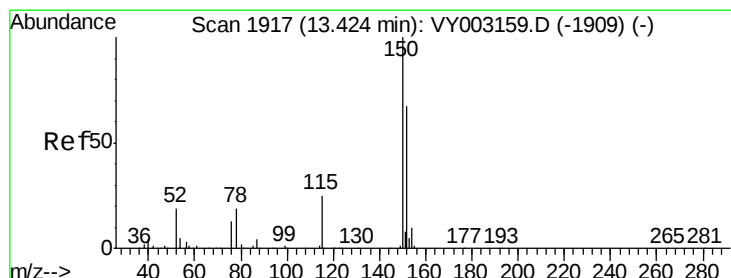
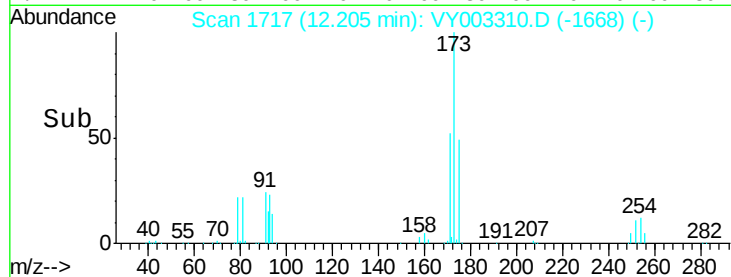
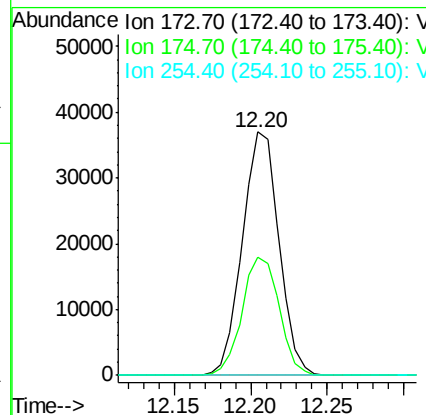
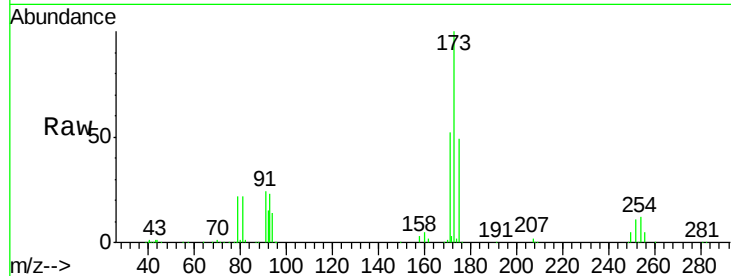
ClientSampleId :

VY0723SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	73.0
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

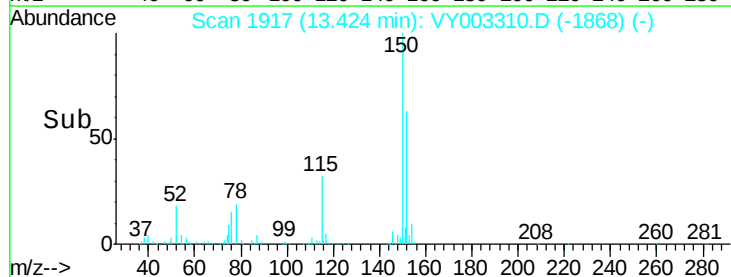
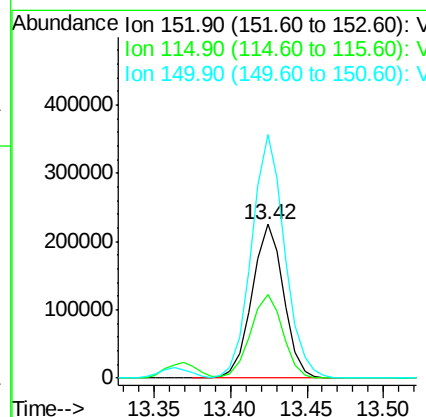
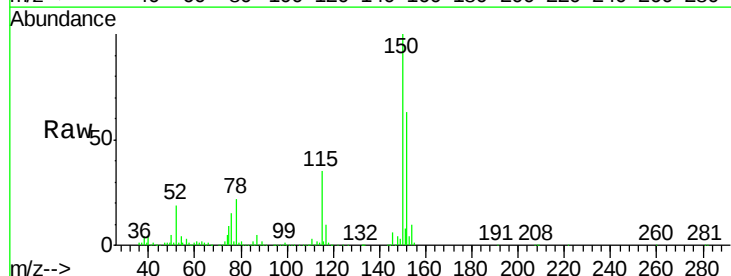
RT: 13.42 min Scan# 1917

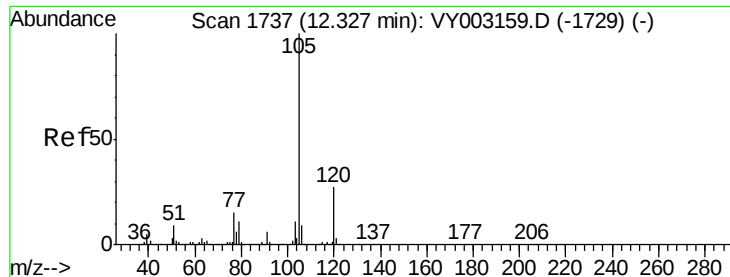
Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.9	80.7
150	165.1	0.0	338.0





#73

Isopropylbenzene

Concen: 21.317 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 105 Resp: 441323

Ion Ratio Lower Upper

105 100

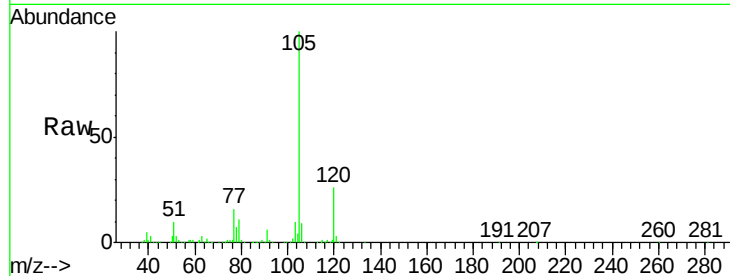
120 26.8 13.4 40.2

Manual Integrations

APPROVED

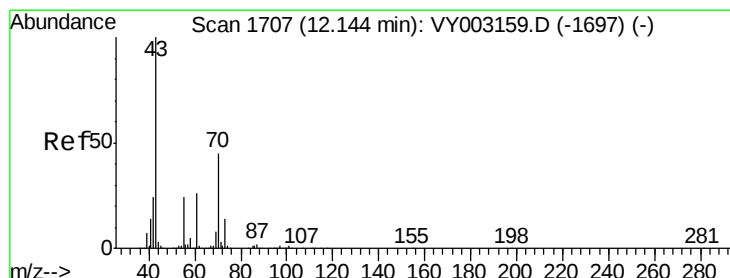
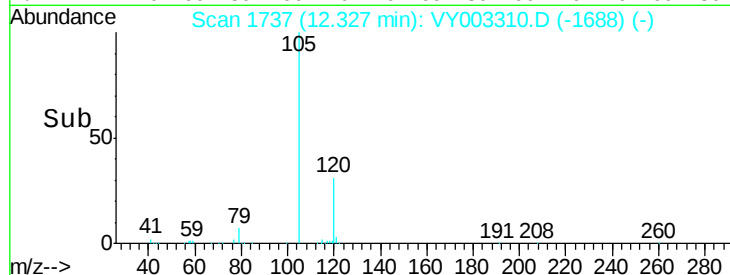
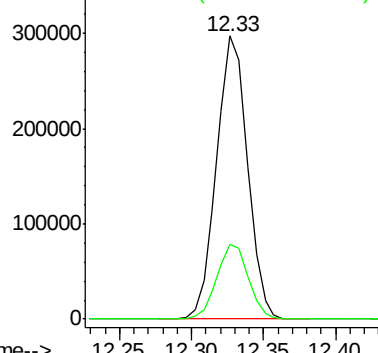
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.903 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion: 43 Resp: 127235

Ion Ratio Lower Upper

43 100

70 43.6 35.6 53.4

55 24.1 19.4 29.2

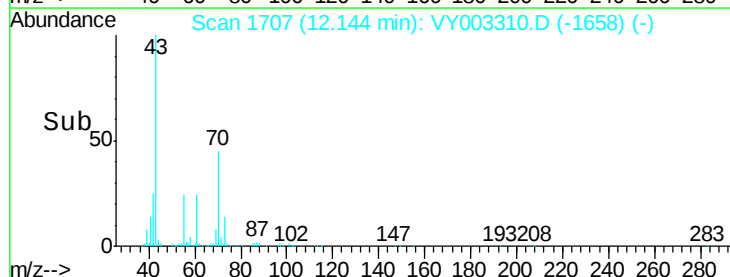
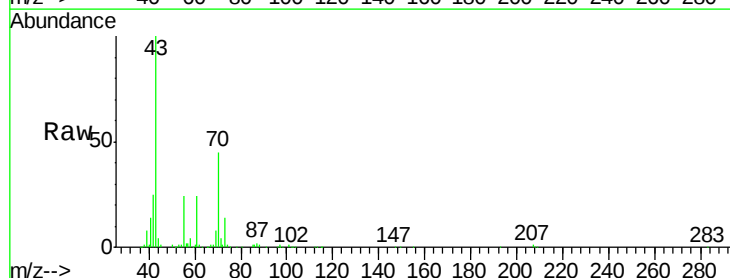
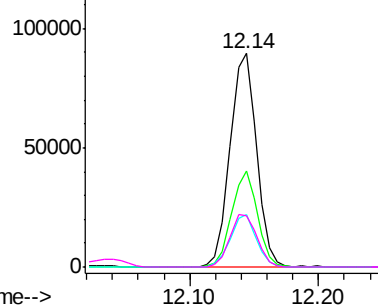
61 25.3 20.8 31.2

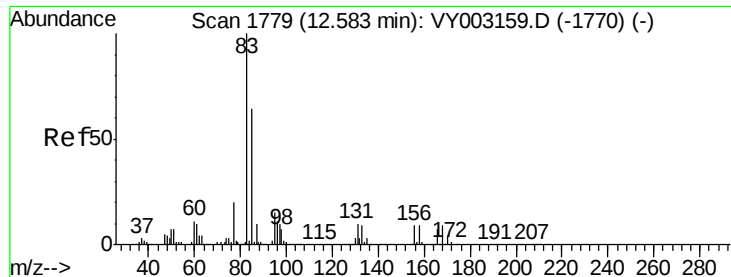
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.646 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

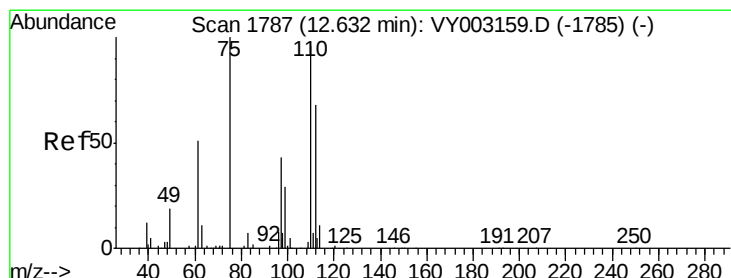
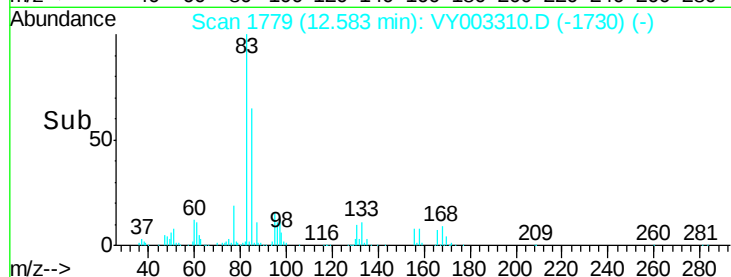
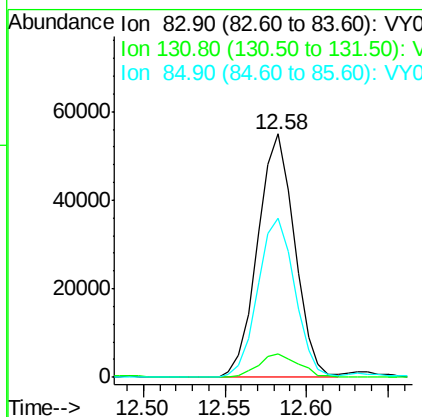
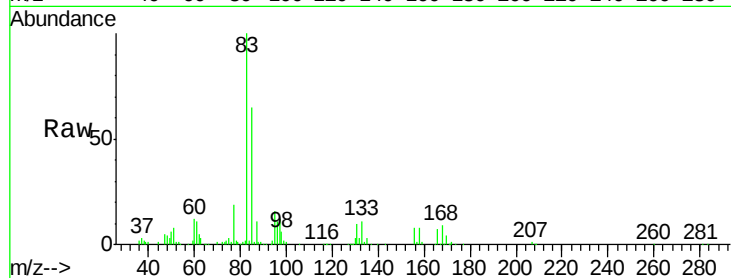
ClientSampleId :

VY0723SBS01

Tot Ion:	83	Resp:	86552
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	65.6	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 21.986 ug/l m

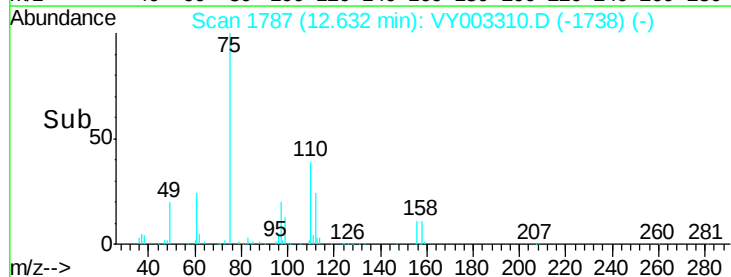
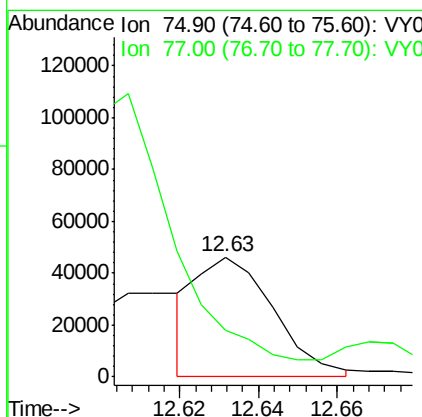
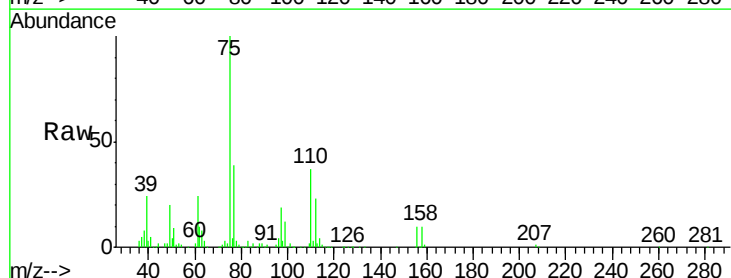
RT: 12.63 min Scan# 1787

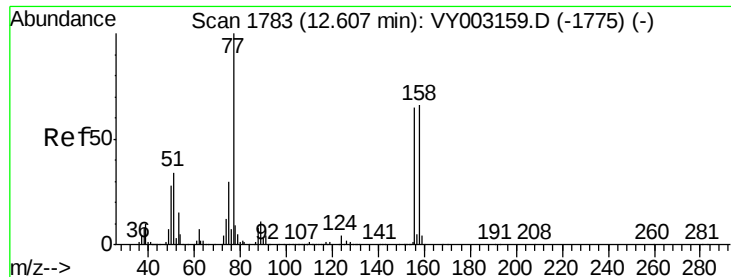
Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion:	75	Resp:	63226
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.247 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

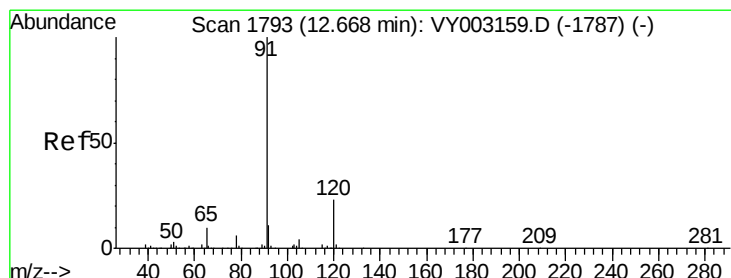
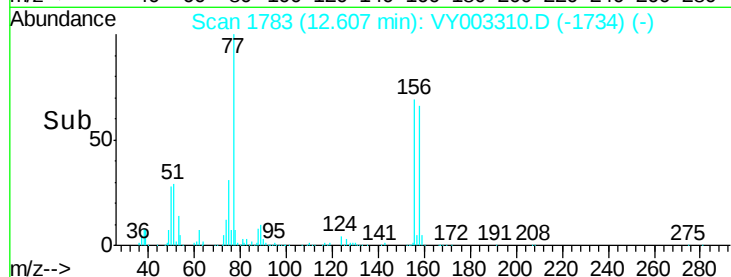
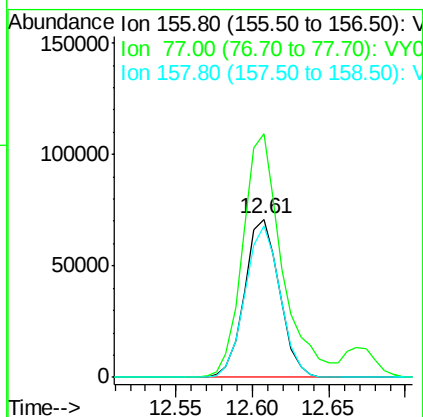
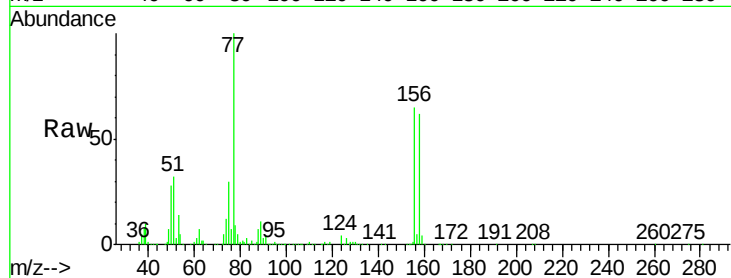
ClientSampleId :

VY0723SBS01

Tot Ion:	156	Resp:	112127
Ion Ratio	Lower	Upper	
156	100		
77	174.8	86.6	259.7
158	96.7	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 21.615 ug/l

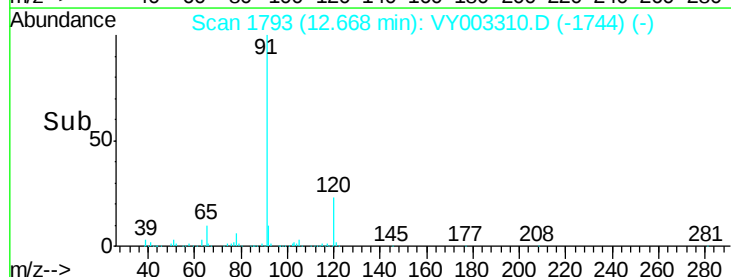
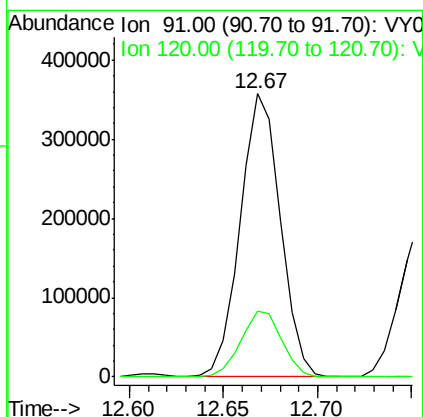
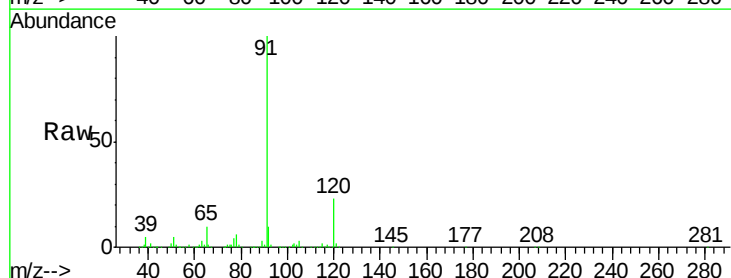
RT: 12.67 min Scan# 1793

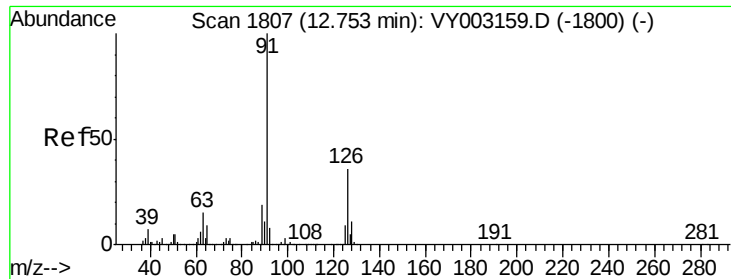
Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion:	91	Resp:	527485
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.7	35.1





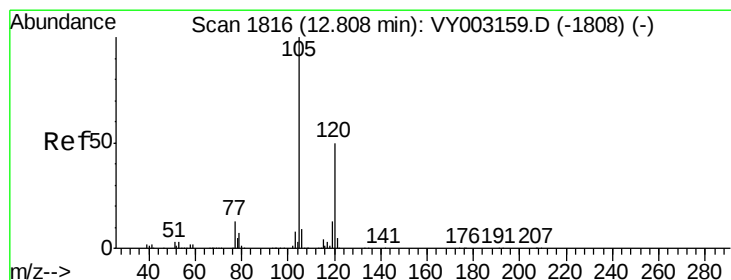
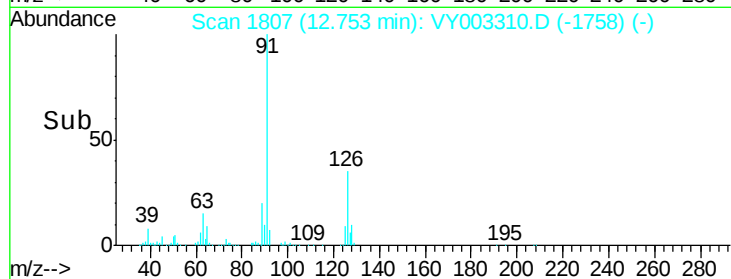
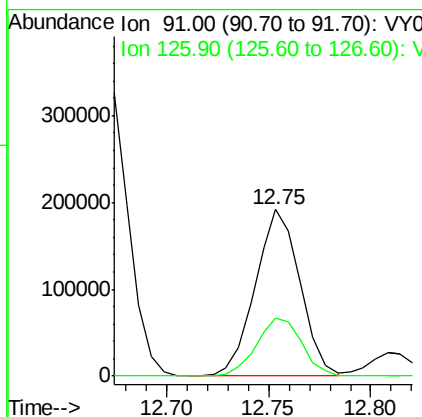
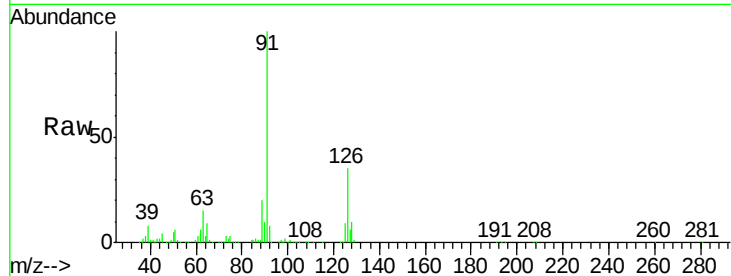
#79
2-Chlorotoluene
Concen: 21.364 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 91 Resp: 290889
Ion Ratio Lower Upper
91 100
126 35.7 17.6 52.9

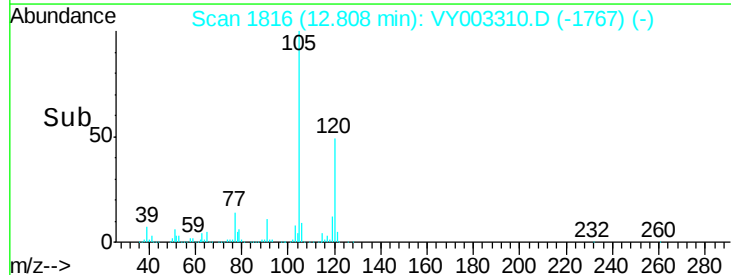
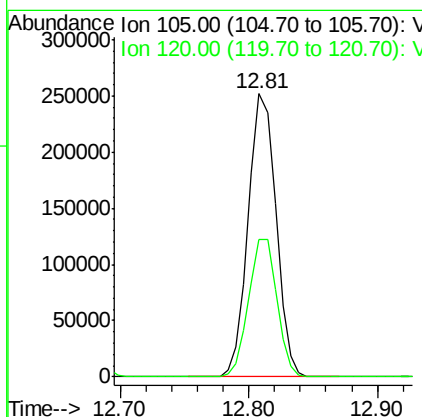
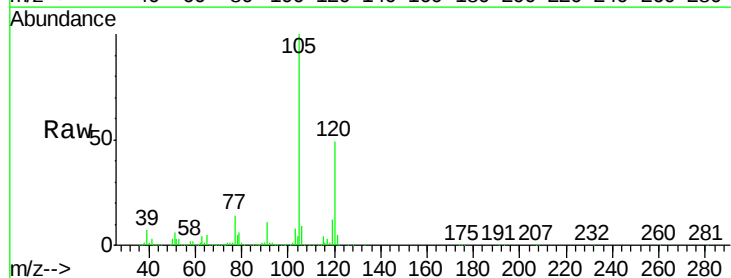
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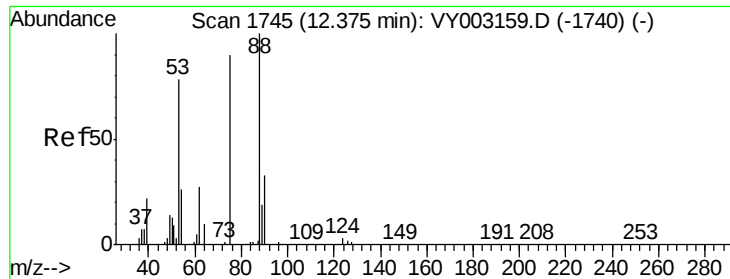
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#80
1,3,5-Trimethylbenzene
Concen: 21.733 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 105 Resp: 375008
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.933 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

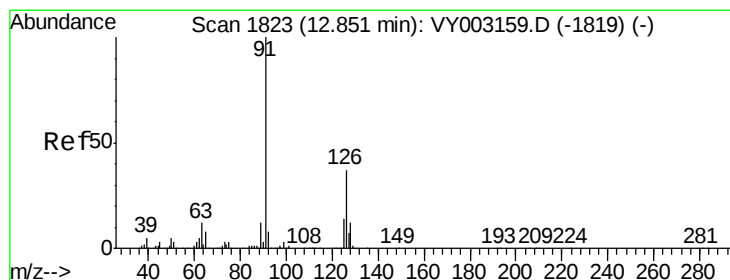
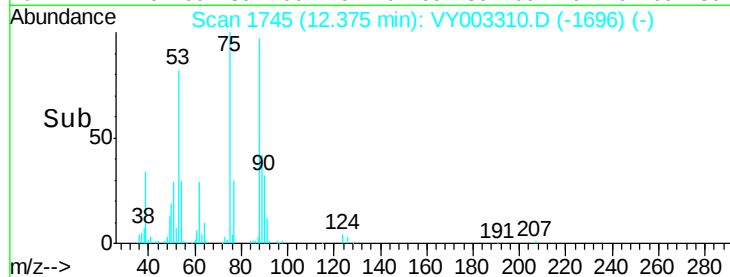
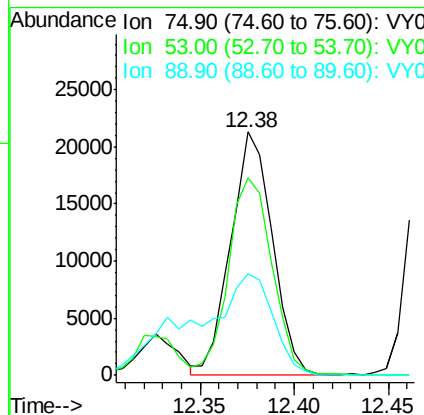
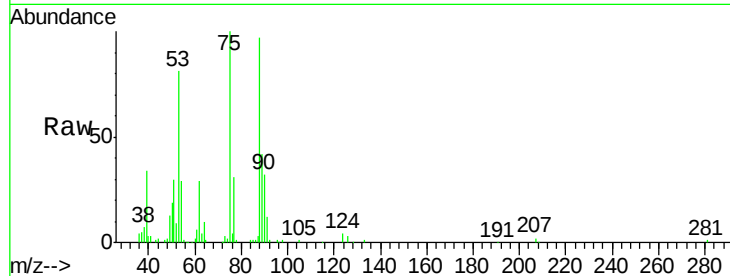
ClientSampleId :

VY0723SBS01

Tot Ion:	75	Resp:	32408
Ion	Ratio	Lower	Upper
75	100		
53	86.4	72.0	108.0
89	50.2	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.598 ug/l

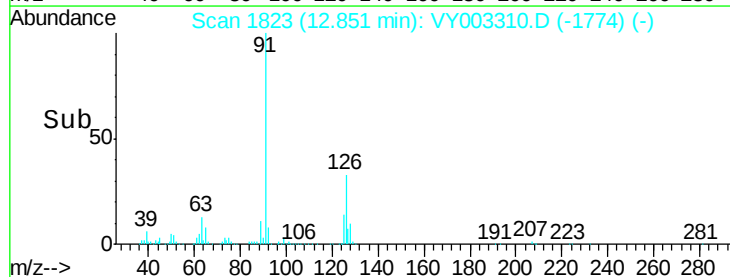
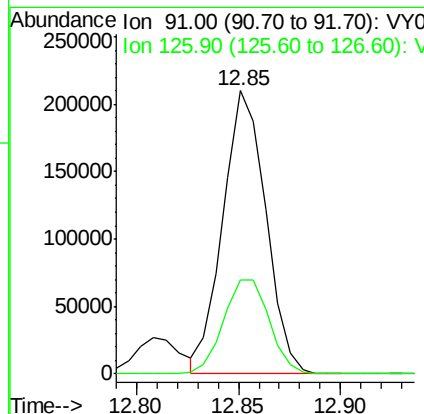
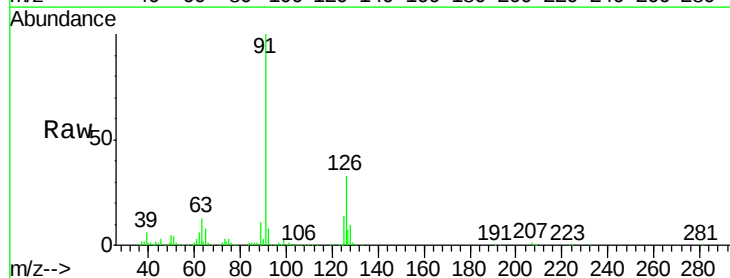
RT: 12.85 min Scan# 1823

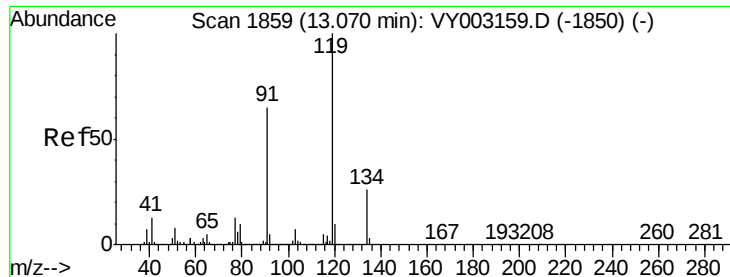
Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion:	91	Resp:	306935
Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.9	53.7





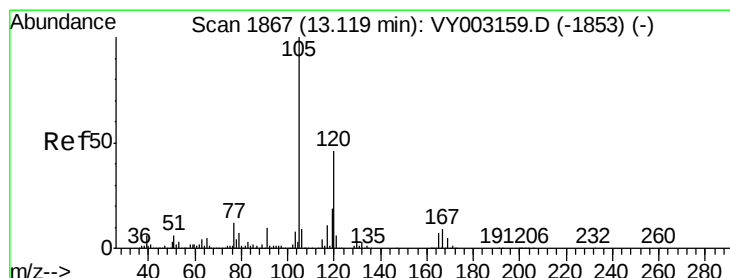
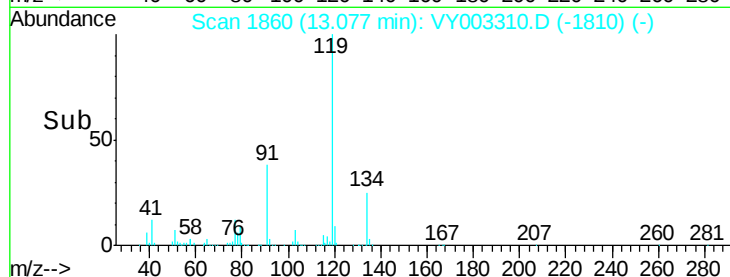
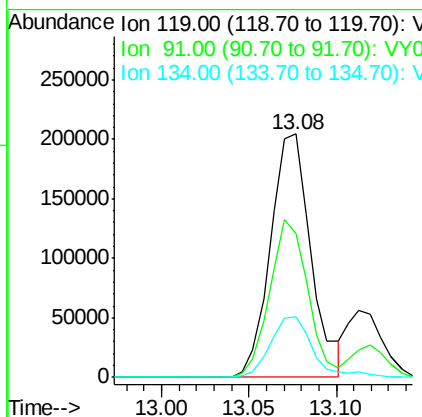
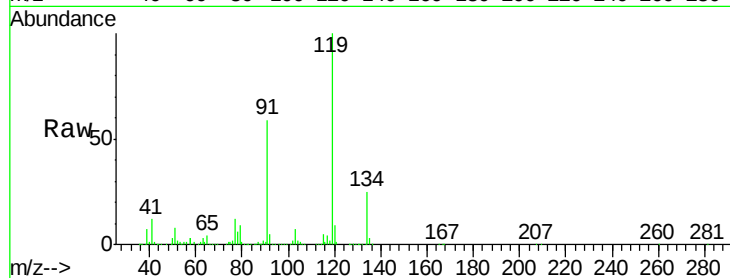
#83
tert-Butylbenzene
Concen: 21.733 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	330892		
91	60.9	30.8	92.4	
134	26.2	13.2	39.6	

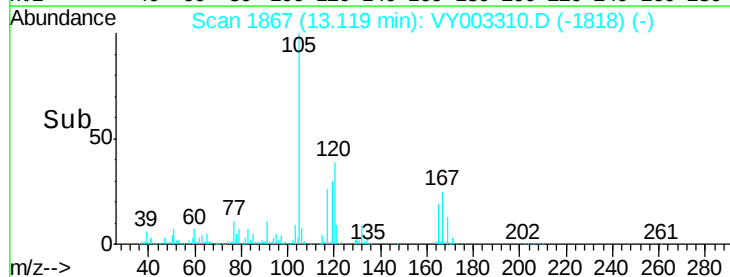
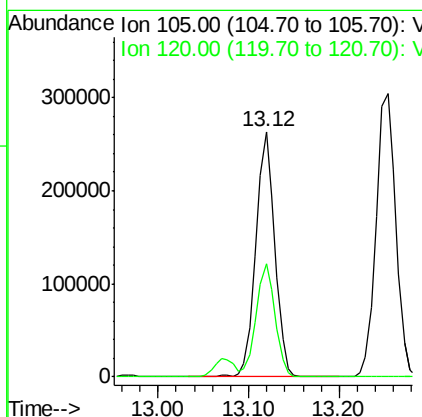
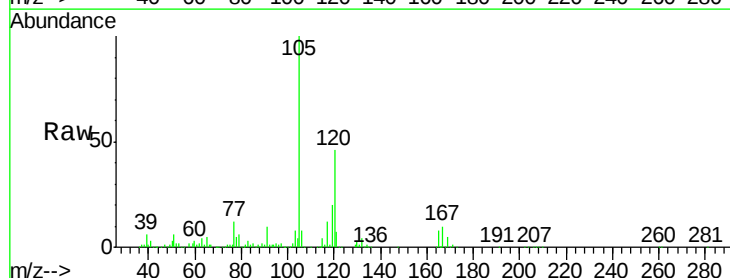
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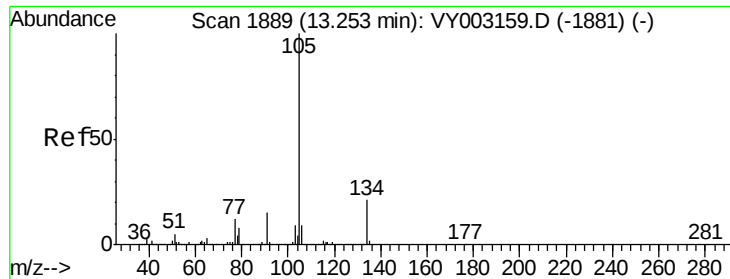
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#84
1,2,4-Trimethylbenzene
Concen: 21.898 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	380190		
120	46.3	22.5	67.5	





#85

sec-Butylbenzene

Concen: 21.796 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion:105 Resp: 456114

Ion Ratio Lower Upper

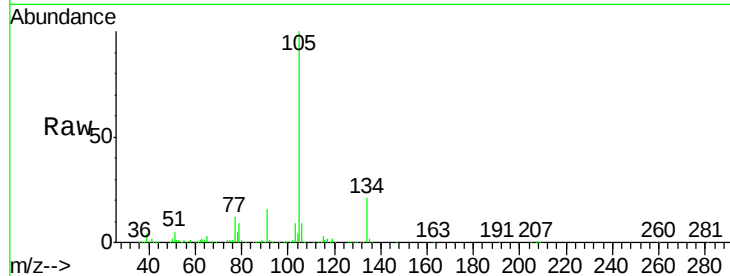
105 100

134 20.8 10.4 31.4

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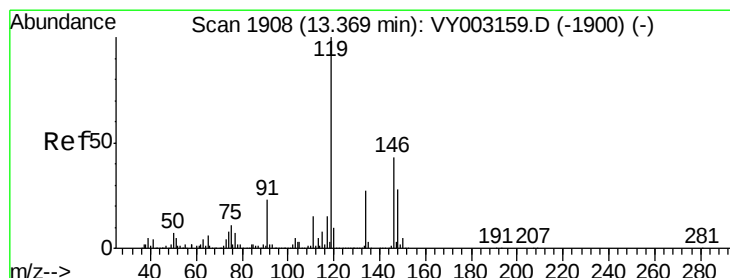
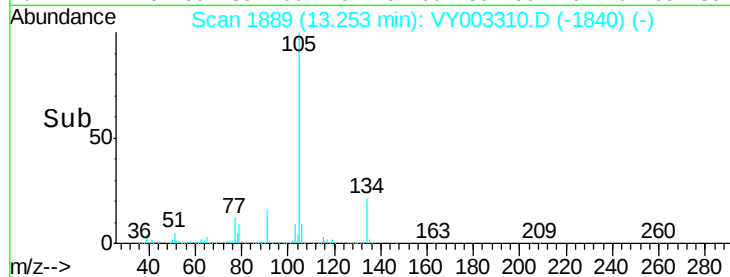
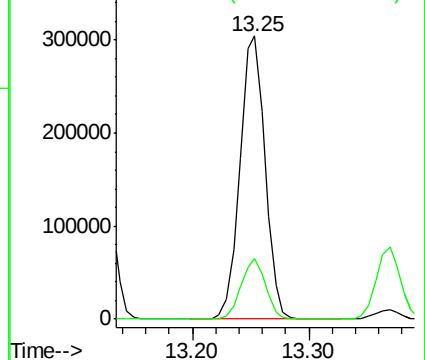
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.640 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

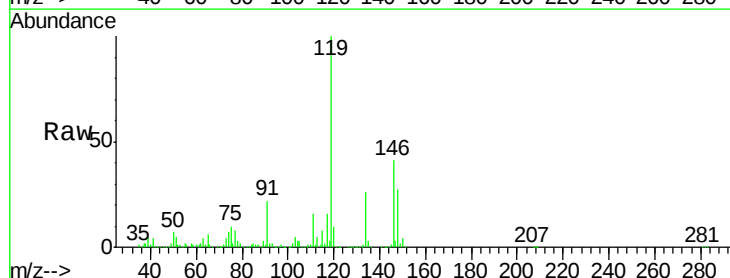
Tgt Ion:119 Resp: 422818

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

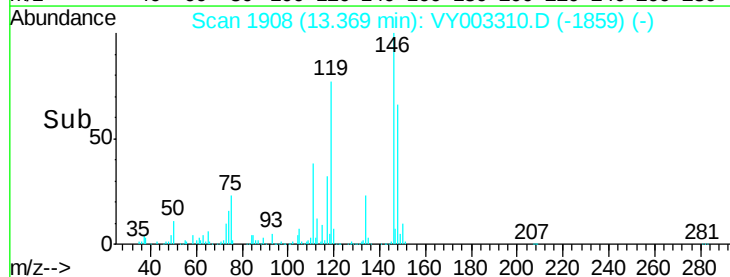
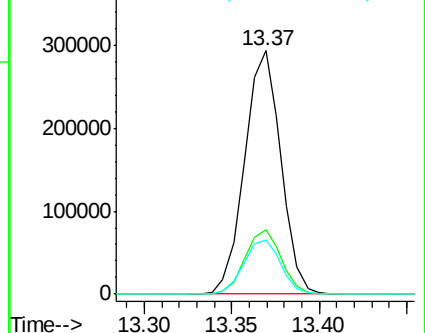
91 22.8 11.2 33.6

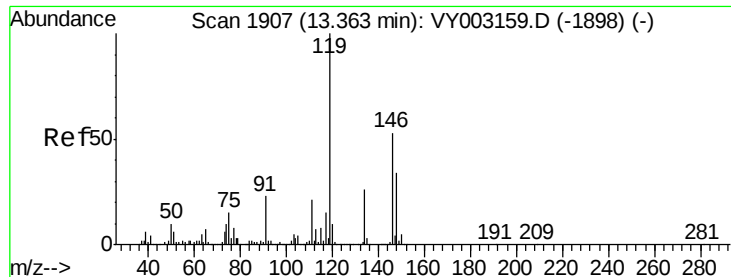


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





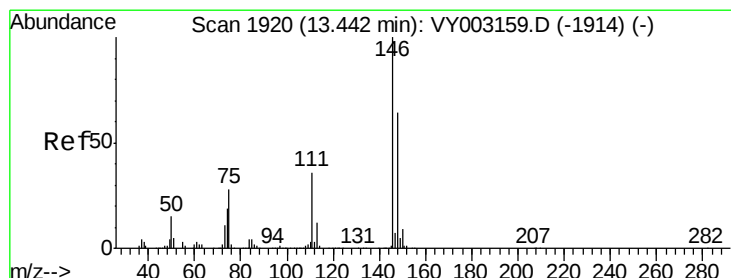
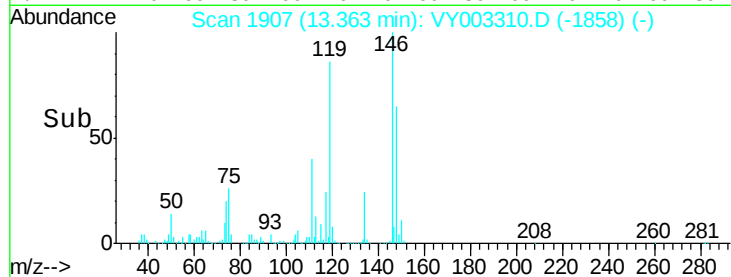
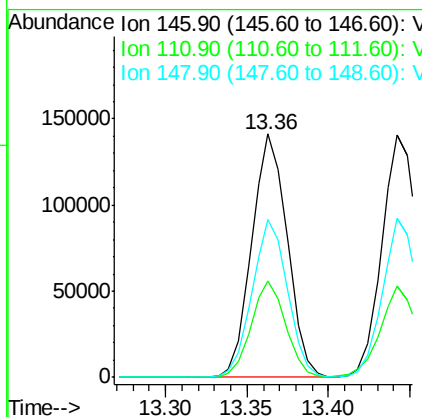
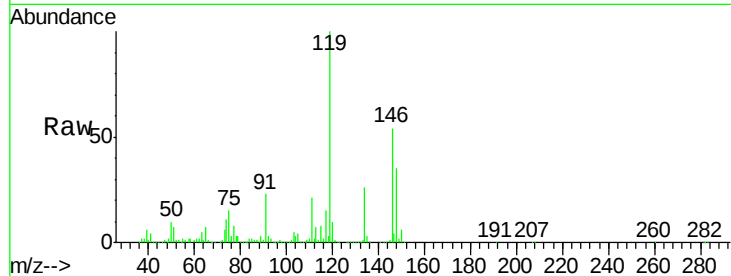
#87
 1,3-Dichlorobenzene
 Concen: 21.476 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.8	56.3
148	64.6	32.3	96.9

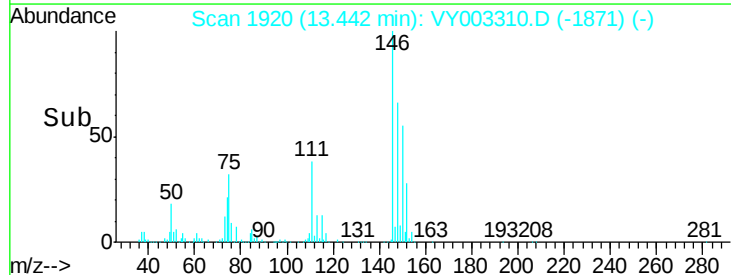
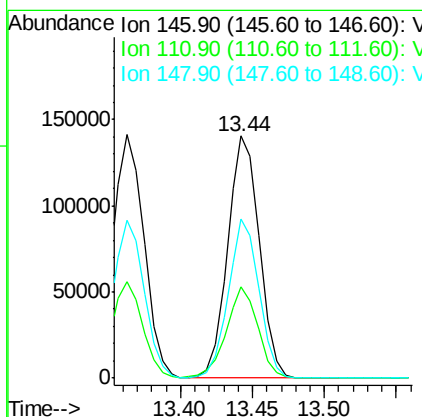
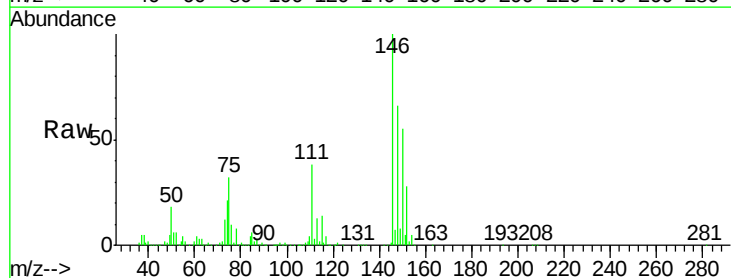
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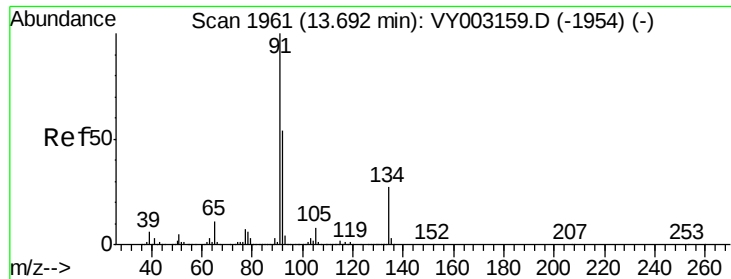
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#88
 1,4-Dichlorobenzene
 Concen: 21.824 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	63.9	32.0	96.0





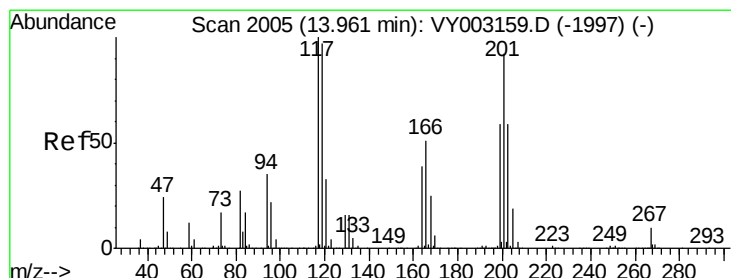
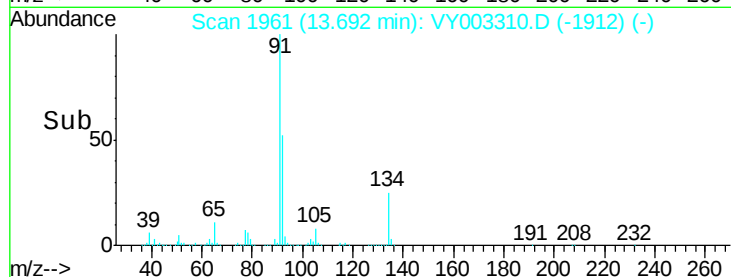
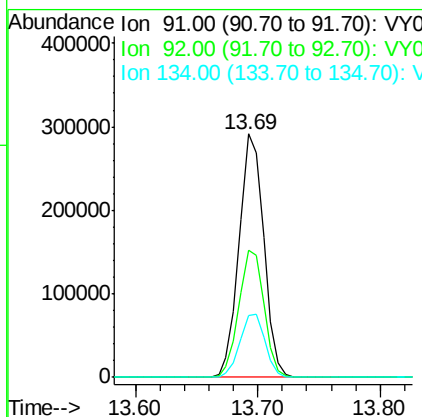
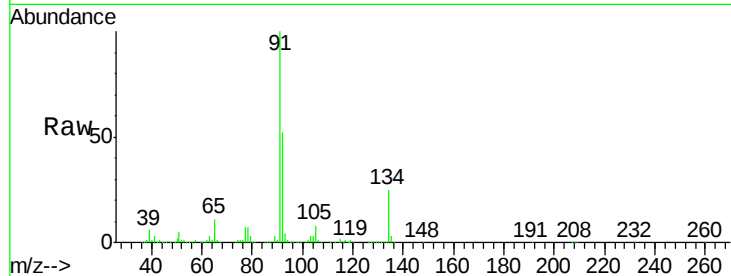
#89
n-Butylbenzene
Concen: 22.123 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	26.5	13.6	40.7

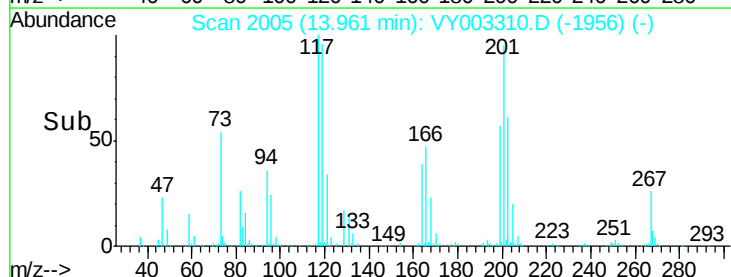
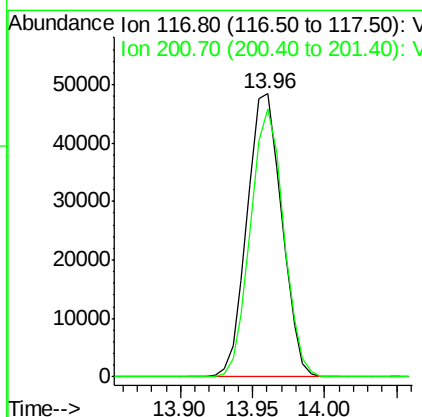
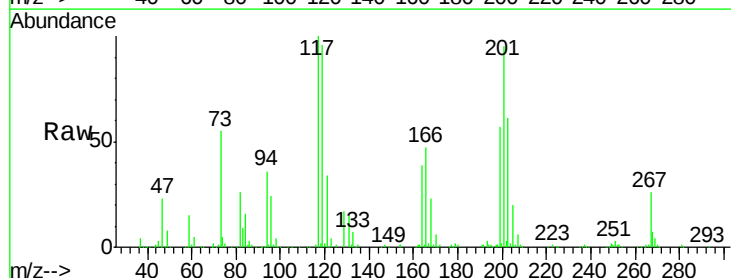
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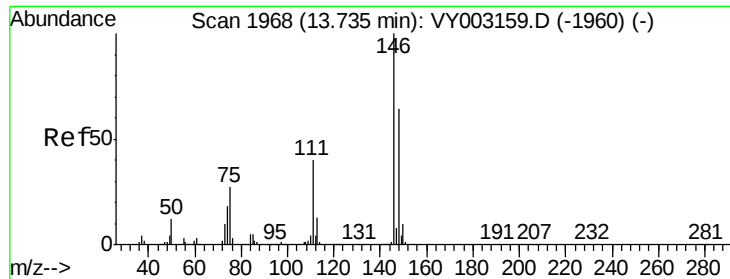
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#90
Hexachloroethane
Concen: 22.743 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.8	45.1	135.3





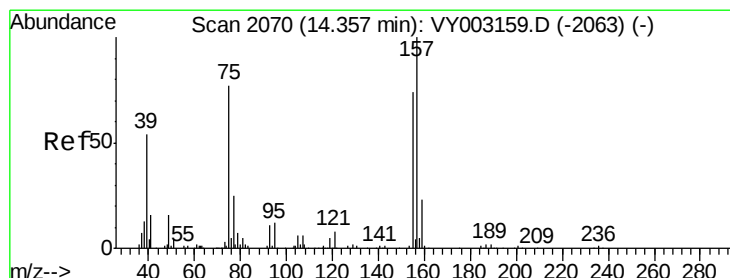
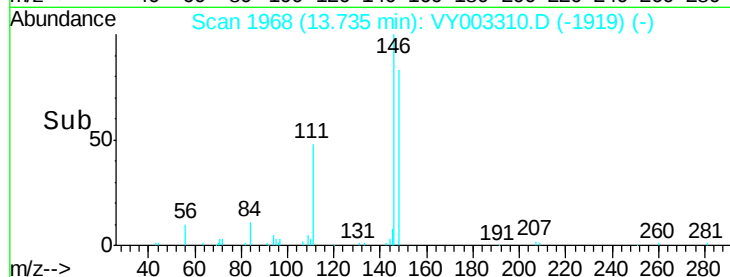
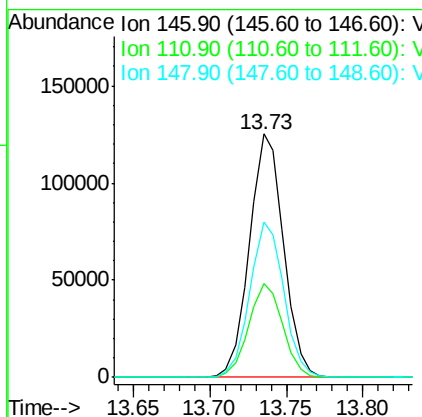
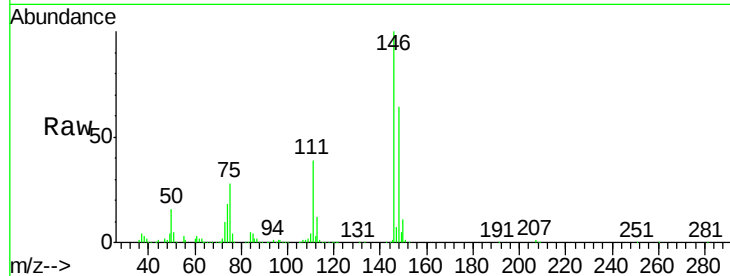
#91
 1,2-Dichlorobenzene
 Concen: 22.087 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.8
148	63.9	32.4	97.0

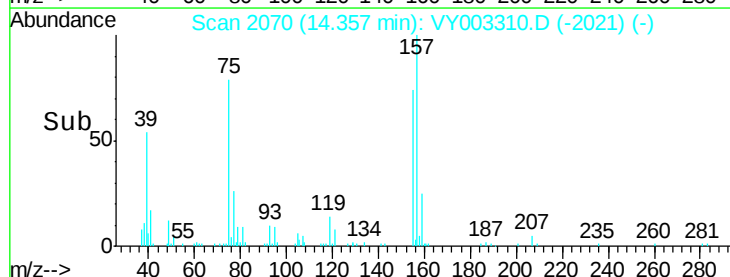
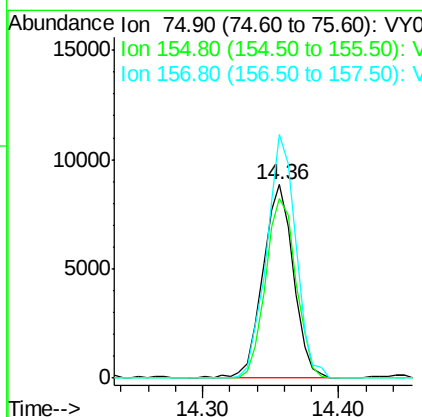
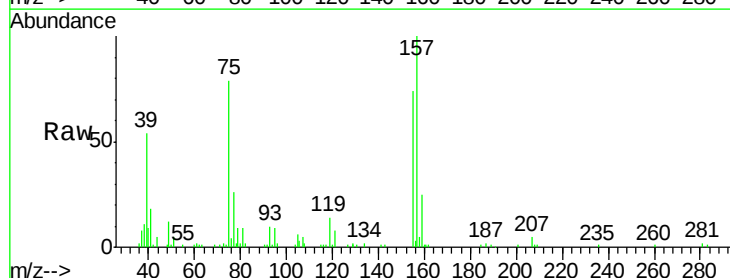
Manual Integrations
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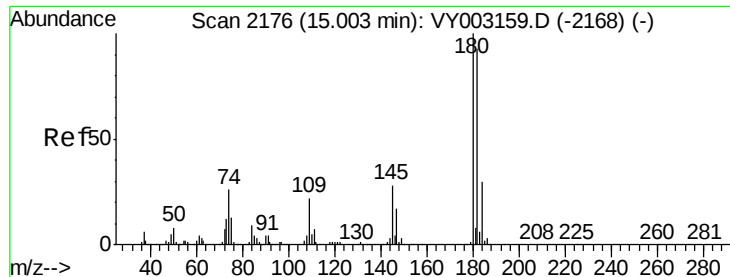
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.572 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	48.1	144.3
157	120.3	61.9	185.6





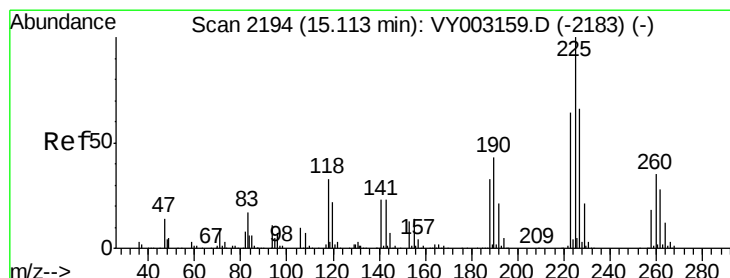
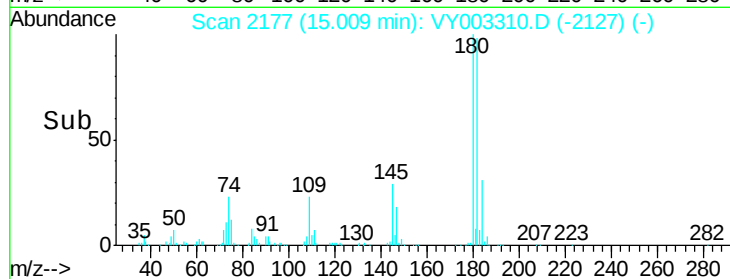
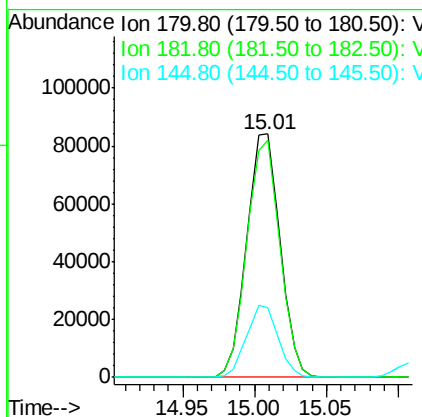
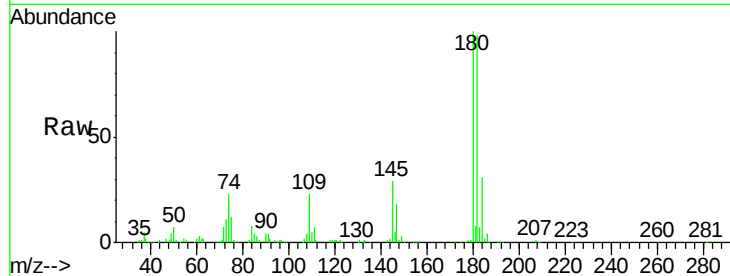
#93
 1,2,4-Trichlorobenzene
 Concen: 21.586 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	134491		
182	96.7	47.3	142.0	
145	28.4	13.7	41.1	

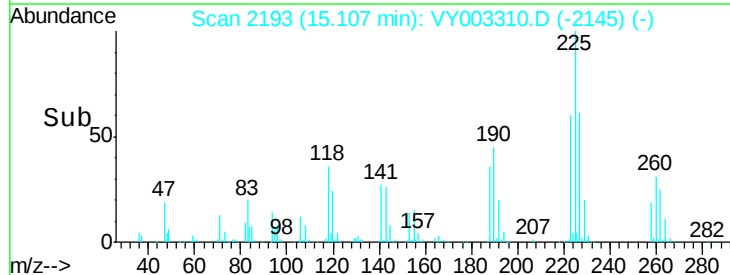
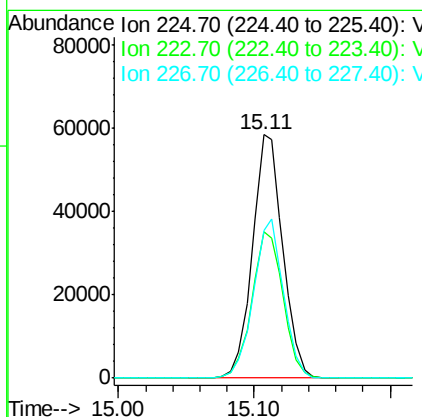
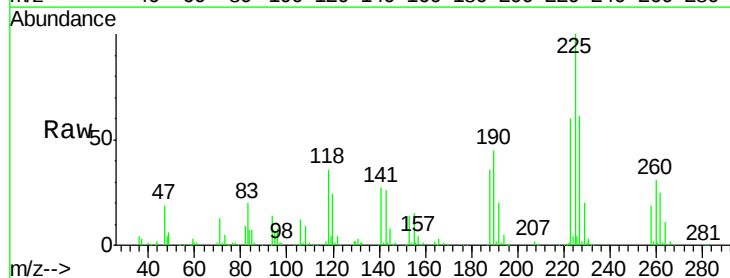
Manual Integrations
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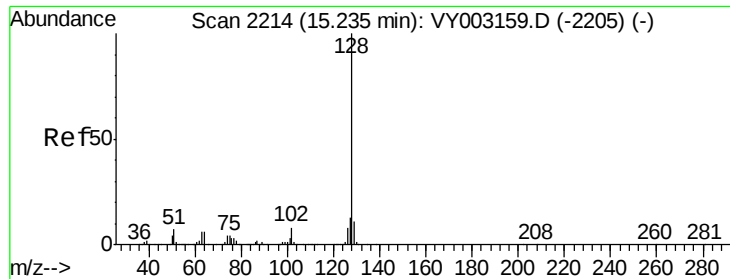
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#94
 Hexachlorobutadiene
 Concen: 21.317 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	91005		
223	61.8	31.6	94.7	
227	64.4	32.3	96.8	





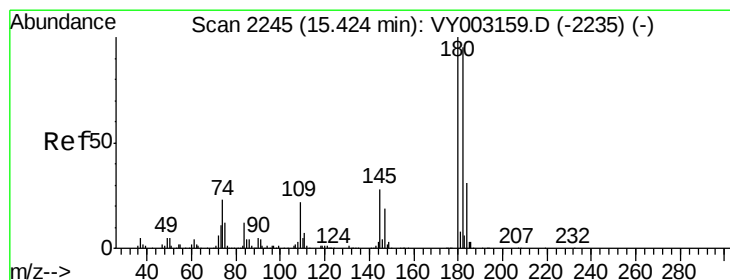
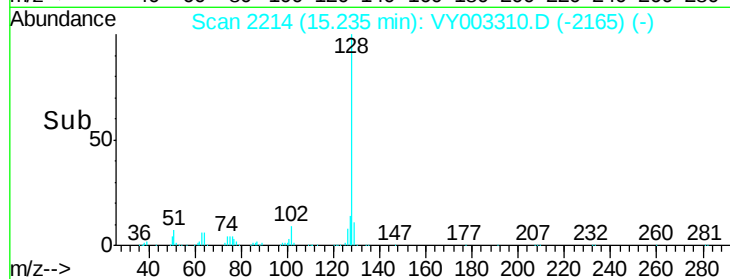
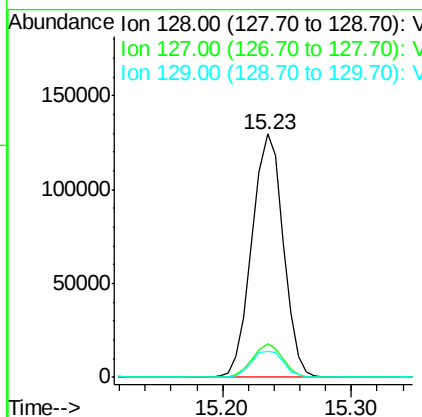
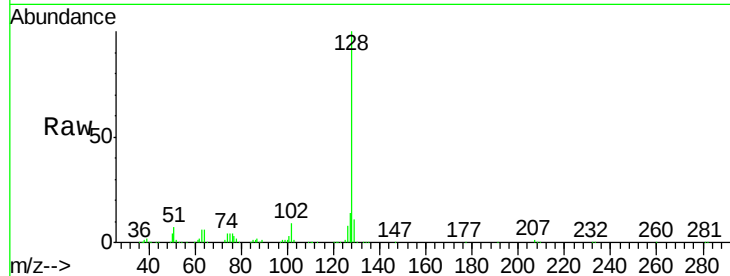
#95
Naphthalene
Concen: 21.150 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	217776		
127	13.4		10.9	16.3
129	11.2		9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.829 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	107507		
182	95.4		48.8	146.3
145	29.3		14.9	44.5

