

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003389.D
 Acq On : 31 Jul 2020 15:09
 Operator : SY/MD
 Sample : VY0731SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 12:37:37 PM

Quant Time: Aug 01 01:56:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	531432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	780266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	718925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	383587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	251407	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.72	113	235219	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.18	98	924175	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.48	95	316358	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	88862	20.421	ug/l	99
3) Chloromethane	2.12	50	115406	19.364	ug/l	98
4) Vinyl Chloride	2.26	62	119571	19.986	ug/l	99
5) Bromomethane	2.64	94	92736	20.983	ug/l	100
6) Chloroethane	2.79	64	74387	19.821	ug/l	99
7) Trichlorofluoromethane	3.13	101	161704	20.016	ug/l	96
8) Diethyl Ether	3.53	74	56801	20.191	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	98857	20.486	ug/l	99
10) Methyl Iodide	4.10	142	110095	19.653	ug/l	98
11) Tert butyl alcohol	4.97	59	54988	106.391	ug/l	100
12) 1,1-Dichloroethene	3.88	96	92283	19.714	ug/l	94
13) Acrolein	3.74	56	53679	100.936	ug/l	98
14) Allyl chloride	4.48	41	154333	19.684	ug/l	98
15) Acrylonitrile	5.18	53	143221	102.611	ug/l	98
16) Acetone	3.95	43	117434	94.063	ug/l	96
17) Carbon Disulfide	4.19	76	309369	20.272	ug/l	99
18) Methyl Acetate	4.48	43	66093	20.066	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	262790	20.307	ug/l	100
20) Methylene Chloride	4.72	84	149668	18.251	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	106112	20.051	ug/l	97
22) Diisopropyl ether	6.12	45	333952	20.273	ug/l	97
23) Vinyl Acetate	6.07	43	1082000	100.263	ug/l	98
24) 1,1-Dichloroethane	6.03	63	186934	20.250	ug/l	99
25) 2-Butanone	6.99	43	187687	98.650	ug/l	99
26) 2,2-Dichloropropane	6.99	77	166212	20.179	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	116499	20.034	ug/l	100
28) Bromochloromethane	7.34	49	76235	21.230	ug/l	97
29) Tetrahydrofuran	7.35	42	124701	100.459	ug/l	99
30) Chloroform	7.52	83	186161	20.332	ug/l	97
31) Cyclohexane	7.79	56	177142	19.777	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	167632	20.066	ug/l	99
36) 1,1-Dichloropropene	7.93	75	148738	20.144	ug/l	99
37) Ethyl Acetate	7.08	43	83296	19.839	ug/l	99
38) Carbon Tetrachloride	7.90	117	154985	20.399	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	179944	19.973	ug/l	99
40) Benzene	8.16	78	415523	20.282	ug/l	99
41) Methacrylonitrile	7.33	41	45735m	19.001	ug/l	
42) 1,2-Dichloroethane	8.24	62	125522	20.117	ug/l	100
43) Isopropyl Acetate	8.28	43	157054	19.819	ug/l	98
44) Trichloroethene	8.94	130	119882	20.346	ug/l	97
45) 1,2-Dichloropropane	9.22	63	107590	20.054	ug/l	98
46) Dibromomethane	9.31	93	60289	20.029	ug/l	99
47) Bromodichloromethane	9.50	83	149081	20.553	ug/l	100
48) Methyl methacrylate	9.29	41	69514	19.434	ug/l	95
49) 1,4-Dioxane	9.30	88	16014	411.049	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	414269	99.756	ug/l	100
52) Toluene	10.24	92	261053	20.317	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	154081	20.014	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	175390	20.103	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	87119	20.634	ug/l	97
56) Ethyl methacrylate	10.51	69	119074	20.371	ug/l	99
57) 1,3-Dichloropropane	10.79	76	148292	20.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	288090	106.408	ug/l	100
59) 2-Hexanone	10.83	43	289798	100.132	ug/l	99
60) Dibromochloromethane	10.98	129	106877	20.157	ug/l	98
61) 1,2-Dibromoethane	11.09	107	83944	20.522	ug/l	99
64) Tetrachloroethene	10.72	164	118415	19.702	ug/l	98
65) Chlorobenzene	11.52	112	286164	20.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	110077	20.060	ug/l	99
67) Ethyl Benzene	11.59	91	513368	20.181	ug/l	99
68) m/p-Xylenes	11.70	106	388937	40.557	ug/l	98
69) o-Xylene	12.03	106	182395	20.317	ug/l	99
70) Styrene	12.04	104	309503	20.149	ug/l	99
71) Bromoform	12.20	173	71628	20.087	ug/l #	100
73) Isopropylbenzene	12.33	105	495080	19.970	ug/l	99
74) N-amyl acetate	12.14	43	144262	19.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	100229	20.411	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	68543m	19.891	ug/l	
77) Bromobenzene	12.61	156	125956	19.996	ug/l	98
78) n-propylbenzene	12.67	91	601291	20.265	ug/l	99
79) 2-Chlorotoluene	12.75	91	330174	20.056	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	422118	20.280	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	36779	20.185	ug/l	99
82) 4-Chlorotoluene	12.85	91	350032	20.461	ug/l	98
83) tert-Butylbenzene	13.07	119	363720	20.128	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	424800	20.305	ug/l	99
85) sec-Butylbenzene	13.25	105	507026	20.171	ug/l	99
86) p-Isopropyltoluene	13.37	119	476457	20.266	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	242525	20.156	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	240815	20.299	ug/l	98
89) n-Butylbenzene	13.69	91	460567	20.730	ug/l	99
90) Hexachloroethane	13.96	117	91487	20.314	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	215799	20.318	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17687	22.356	ug/l	92

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MSVOA_Y
ClientSampleId :
VY0731SBSD01

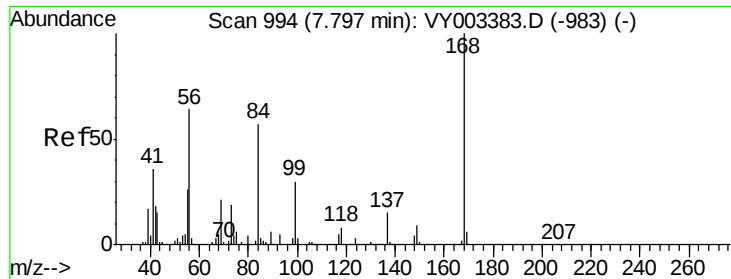
Manual Integrations
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8/3/2020 12:37:37 PM

Quant Time: Aug 01 01:56:38 2020
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QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	159231	21.155	ug/l	99
94) Hexachlorobutadiene	15.11	225	103346	20.733	ug/l	99
95) Naphthalene	15.23	128	266592	20.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	128700	21.135	ug/l	100

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



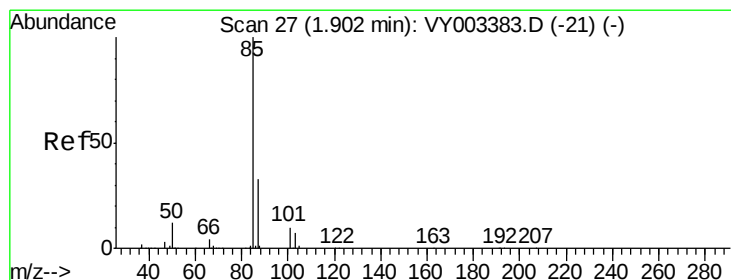
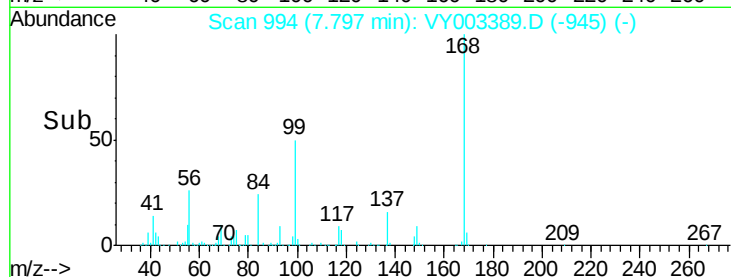
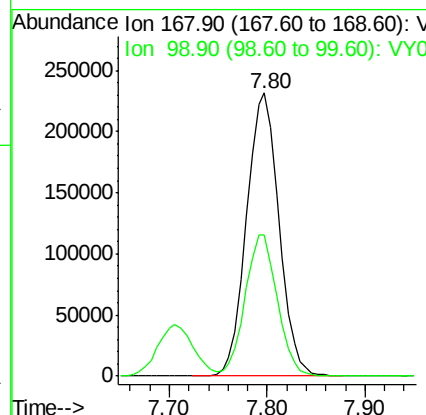
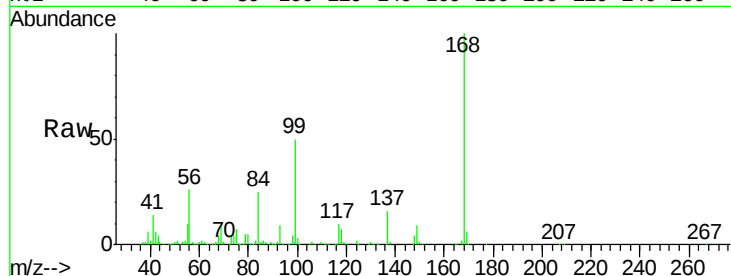
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.8	38.8	58.2

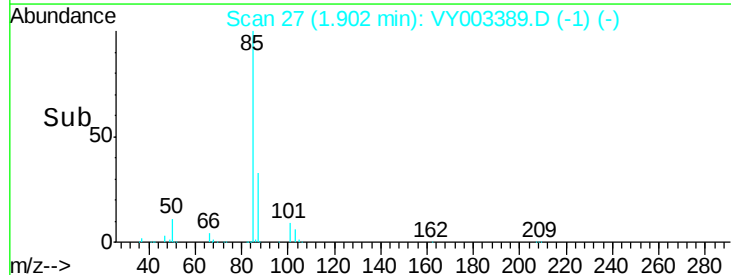
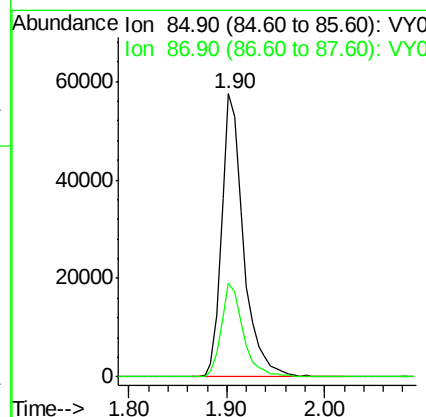
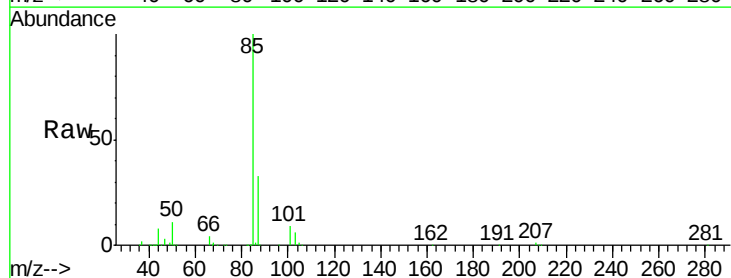
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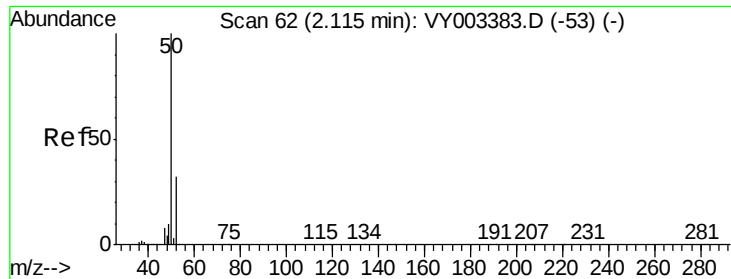
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#2
Dichlorodifluoromethane
Concen: 20.421 ug/l
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.4	49.1





#3

Chloromethane

Concen: 19.364 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 50 Resp: 115406

Ion Ratio Lower Upper

50 100

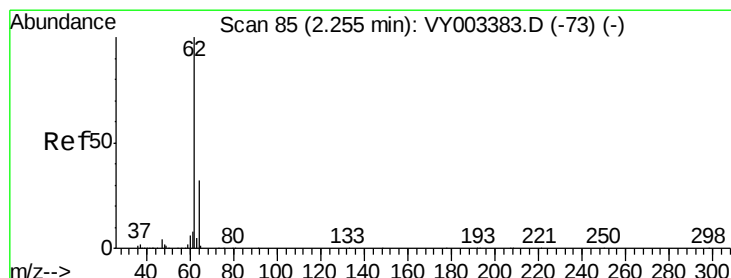
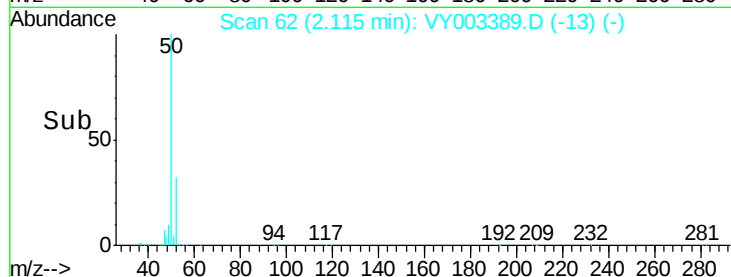
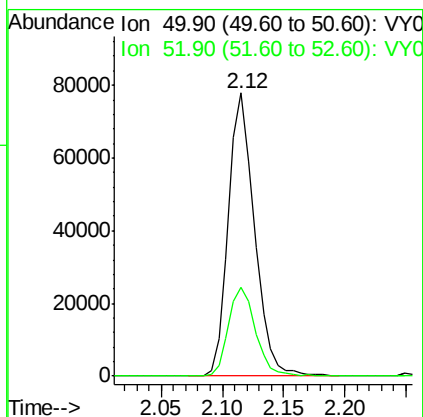
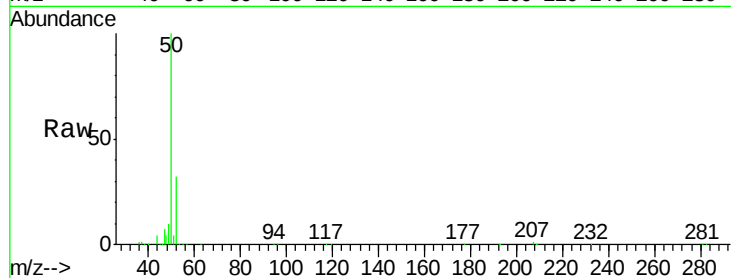
52 31.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.986 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003389.D

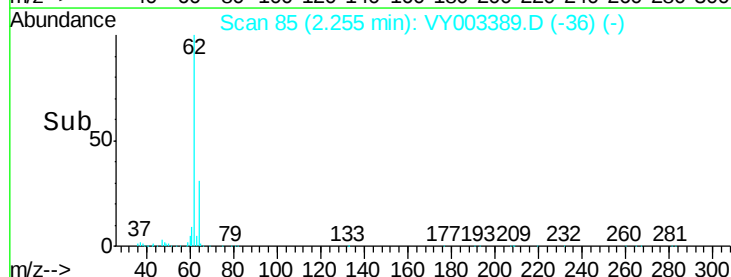
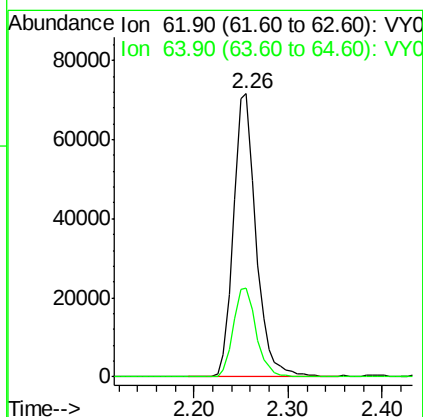
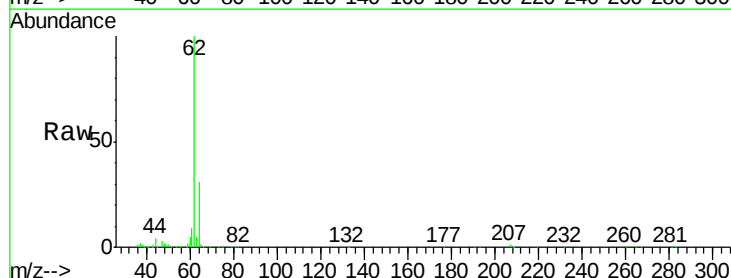
Acq: 31 Jul 2020 15:09

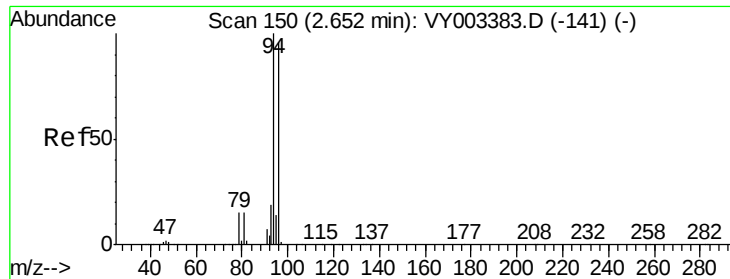
Tgt Ion: 62 Resp: 119571

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 20.983 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 94 Resp: 92736

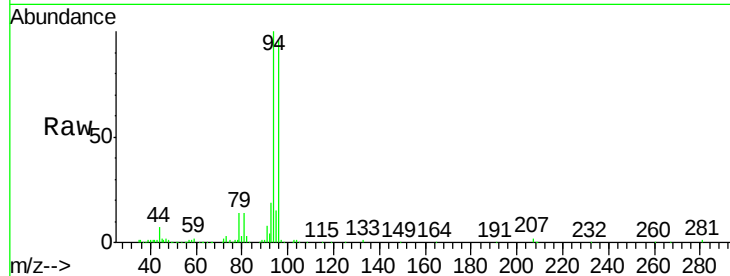
Ion Ratio Lower Upper

94 100

96 95.6 76.6 115.0

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

40000

30000

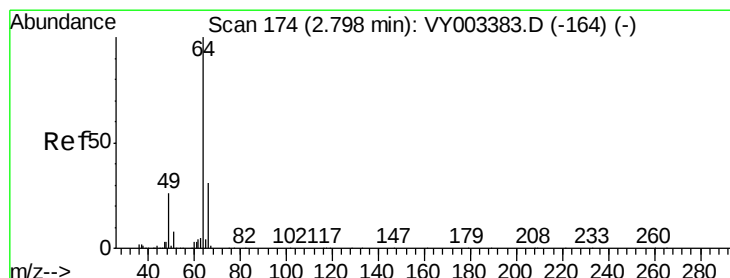
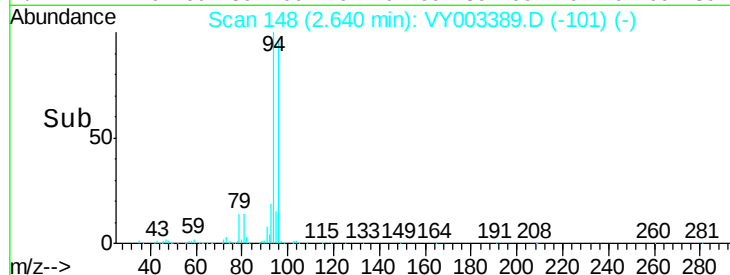
20000

10000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 19.821 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003389.D

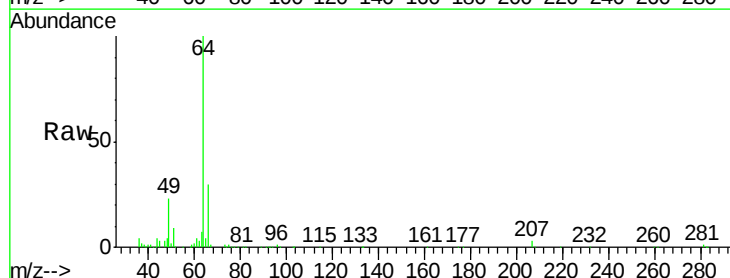
Acq: 31 Jul 2020 15:09

Tgt Ion: 64 Resp: 74387

Ion Ratio Lower Upper

64 100

66 30.5 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

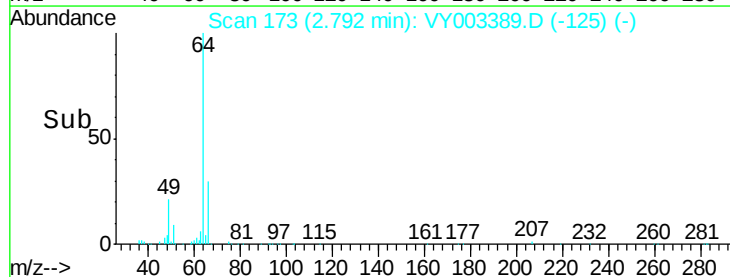
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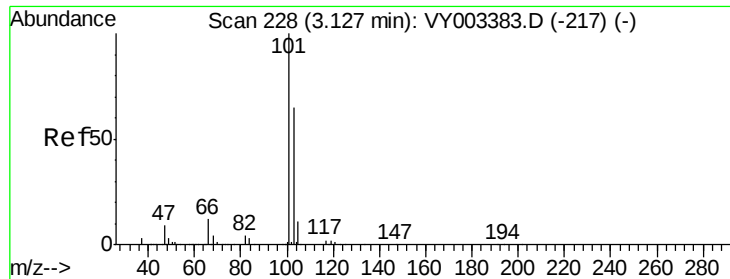
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0

2.70 2.80 2.90

Time-->





#7

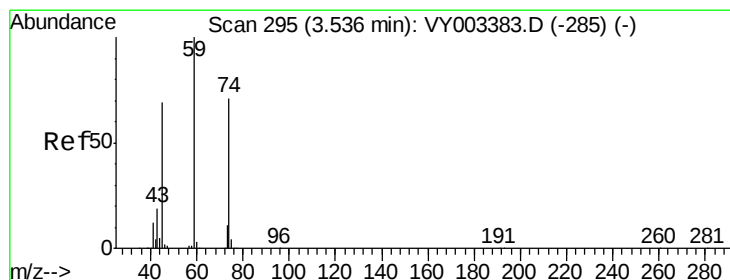
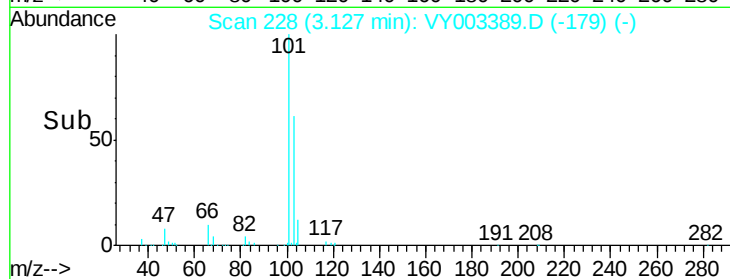
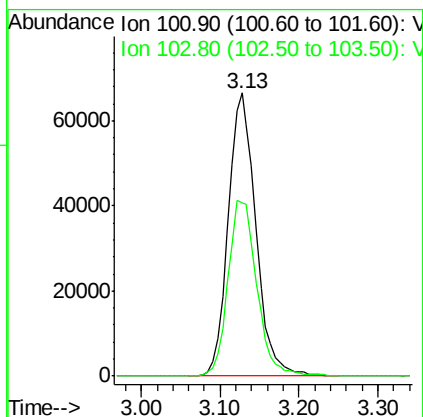
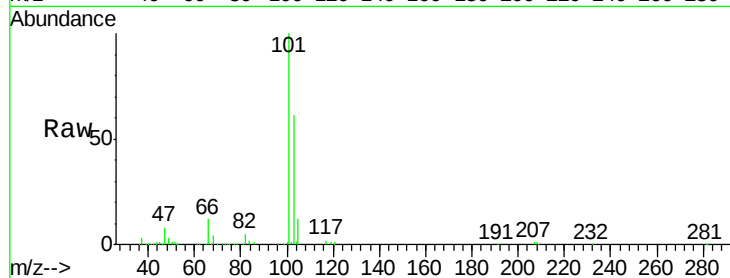
Trichlorofluoromethane
 Concen: 20.016 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	51.8	77.6

Manual Integrations
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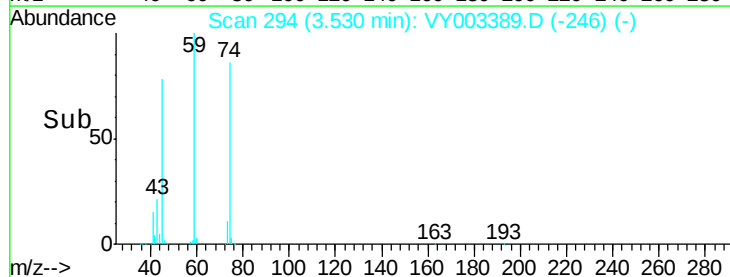
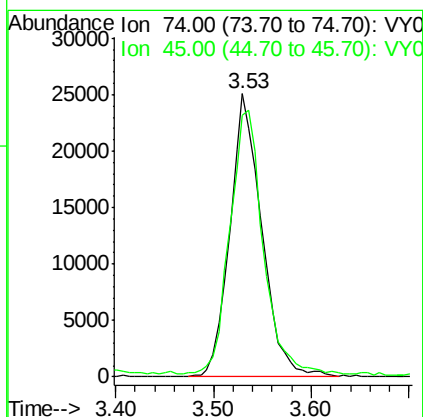
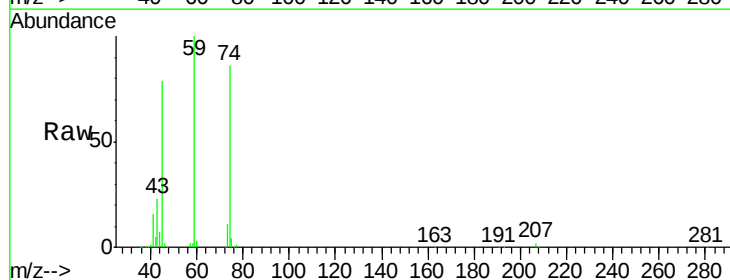
MMDadoda
 8/3/2020 12:37:37 PM

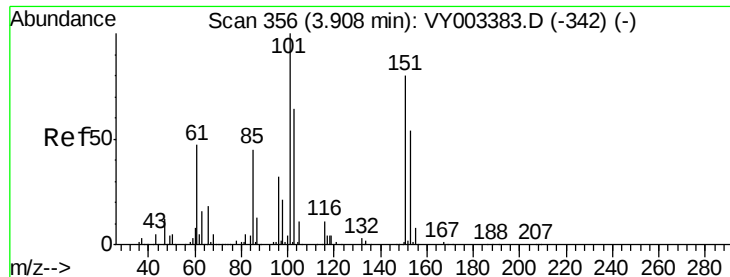


#8

Diethyl Ether
 Concen: 20.191 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.486 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

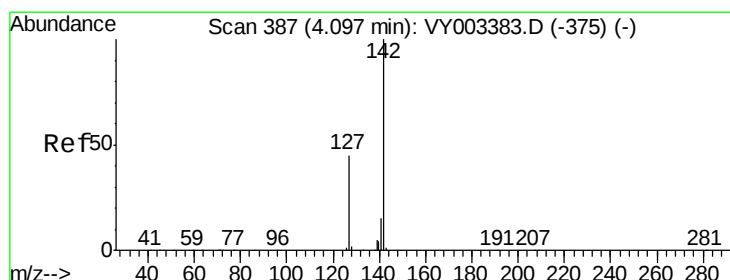
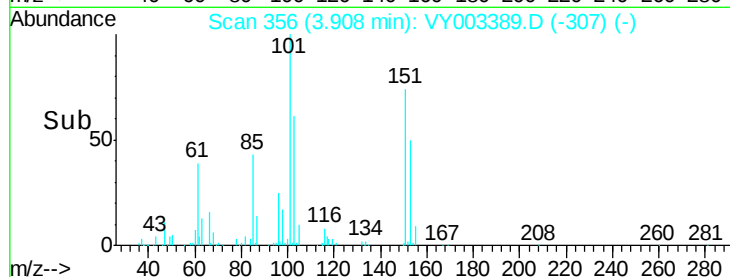
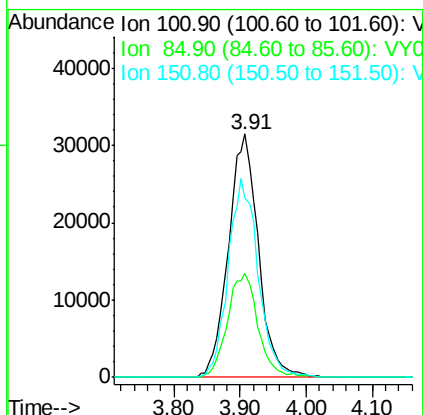
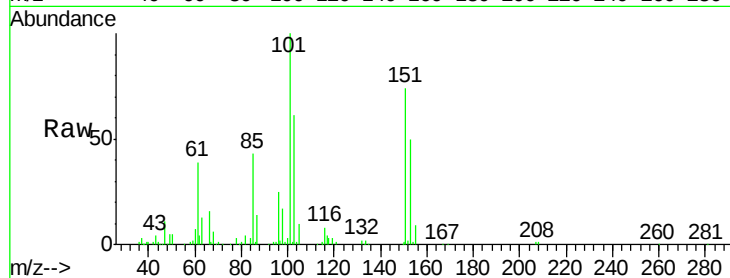
ClientSampleId :

VY0731SBS01

Tot Ion:	101	Resp:	98857
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.7	53.5
151	81.8	65.7	98.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.653 ug/l

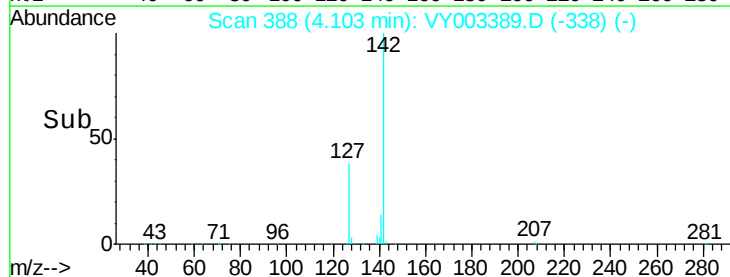
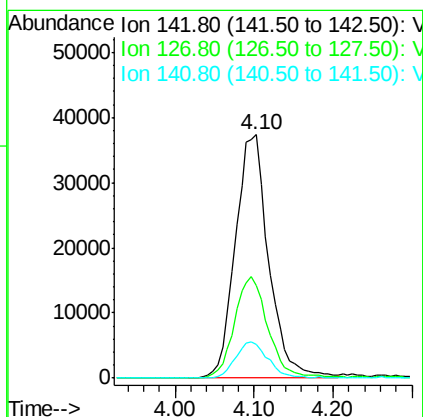
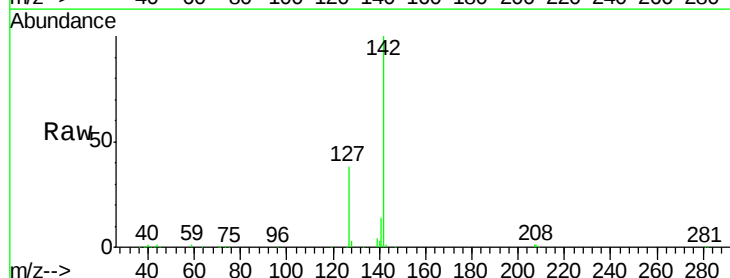
RT: 4.10 min Scan# 388

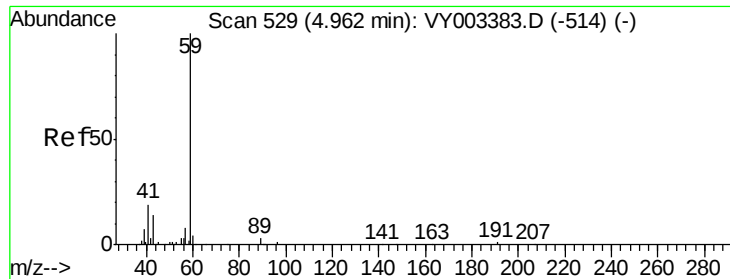
Delta R.T. 0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Tgt Ion:	142	Resp:	110095
Ion Ratio	Lower	Upper	
142	100		
127	41.8	34.6	52.0
141	14.6	11.4	17.0





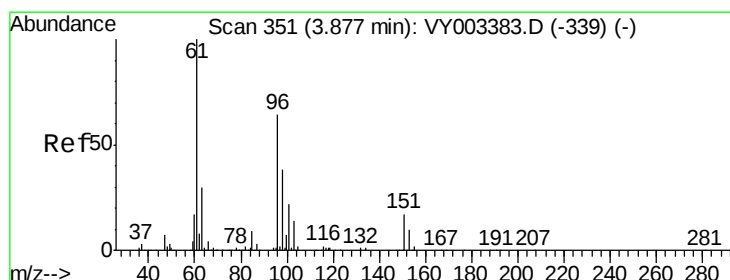
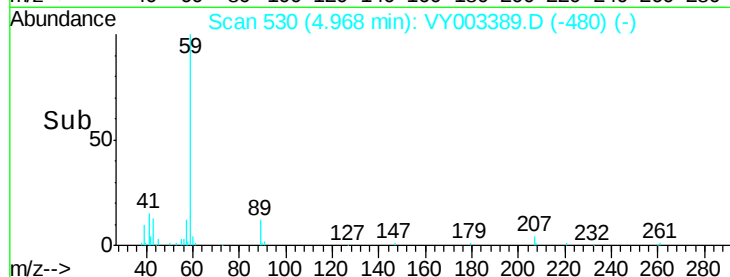
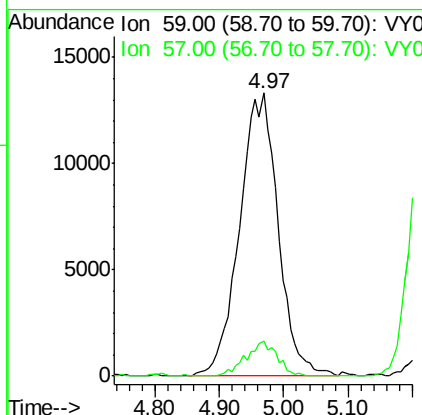
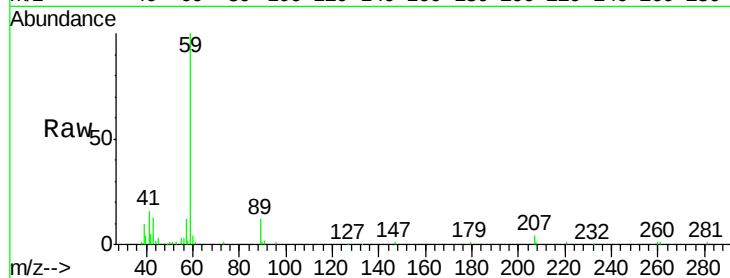
#11
Tert butyl alcohol
Concen: 106.391 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

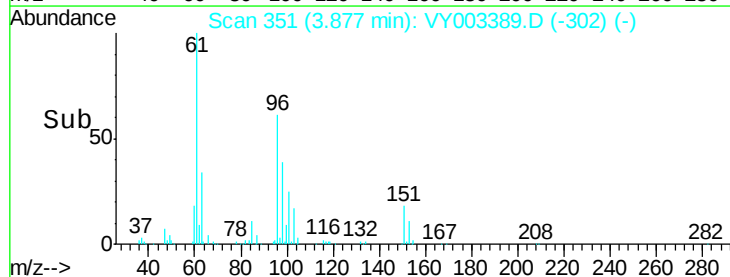
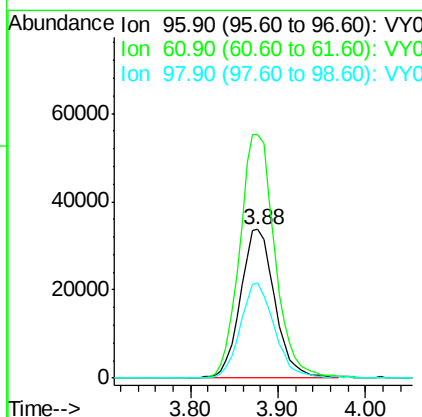
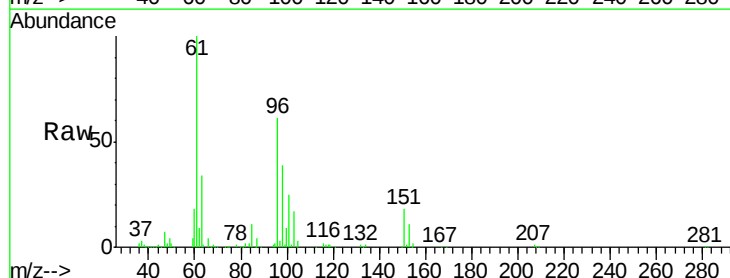
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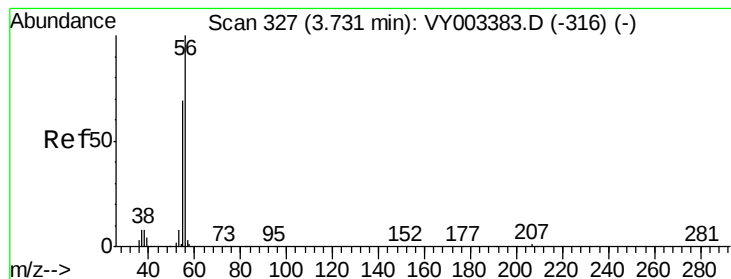
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#12
1,1-Dichloroethene
Concen: 19.714 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.8	124.7	187.1
98	64.3	47.4	71.2





#13

Acrolein

Concen: 100.936 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 56 Resp: 53679

Ion Ratio Lower Upper

56 100

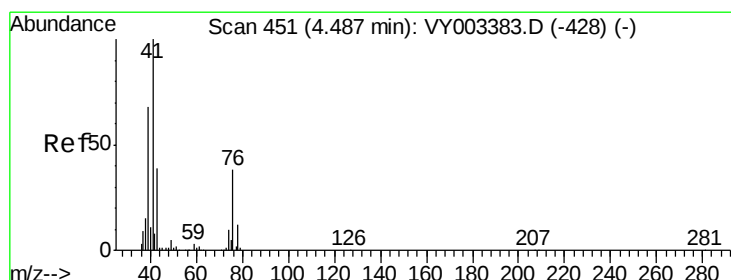
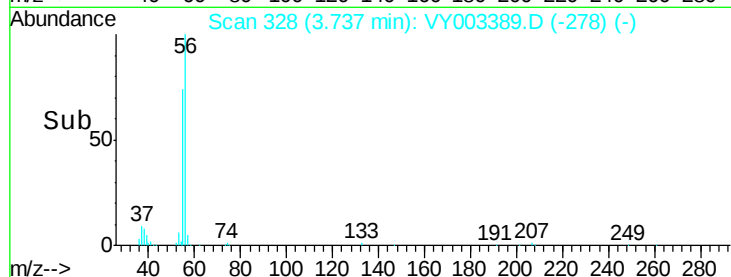
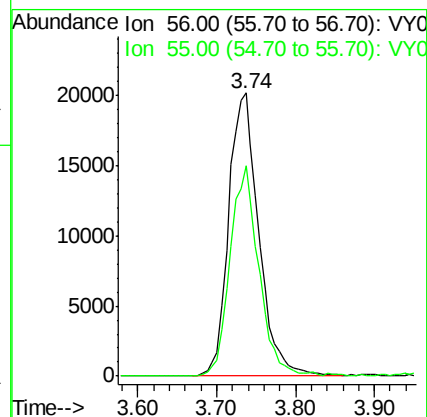
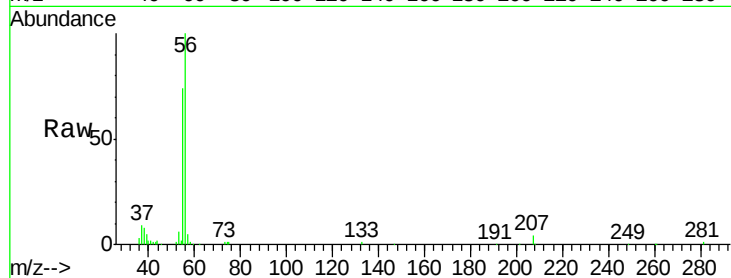
55 70.8 55.5 83.3

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#14

Allyl chloride

Concen: 19.684 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

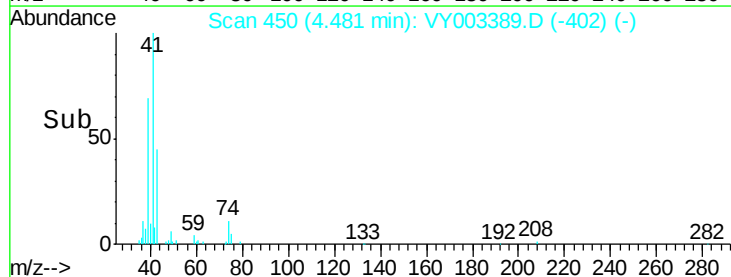
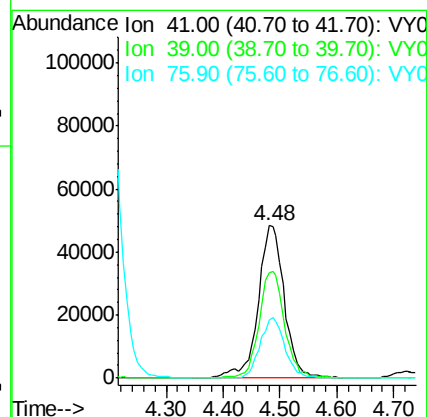
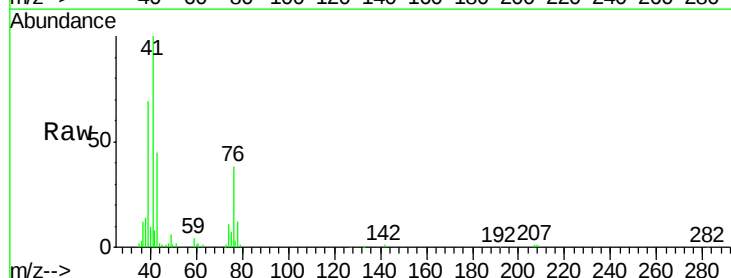
Tgt Ion: 41 Resp: 154333

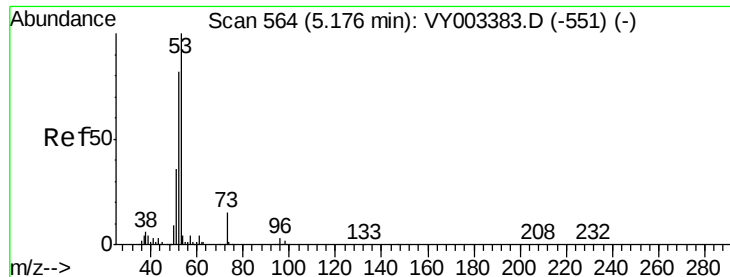
Ion Ratio Lower Upper

41 100

39 68.3 52.7 79.1

76 37.6 29.8 44.6





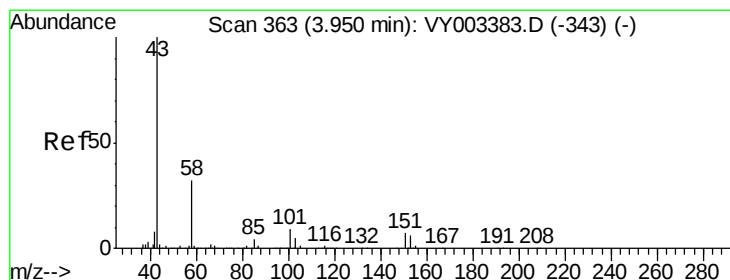
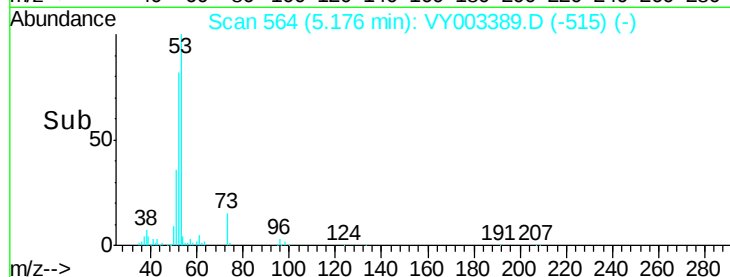
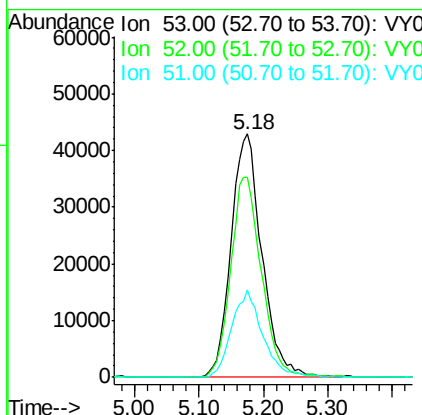
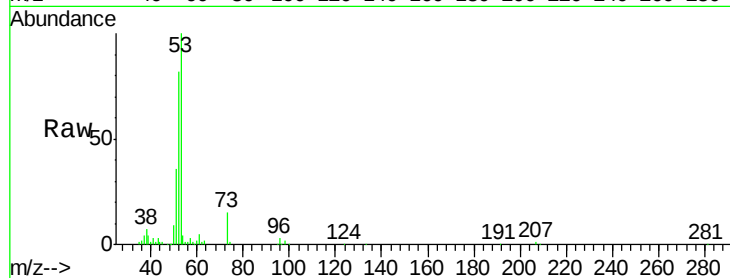
#15
Acrylonitrile
Concen: 102.611 ug/l
RT: 5.18 min Scan# 564
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100				
52	81.9	67.0	100.6		
51	36.2	29.3	43.9		

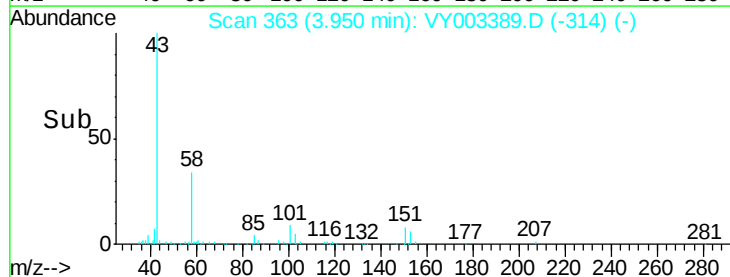
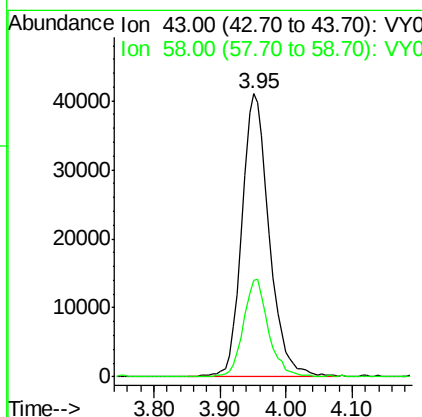
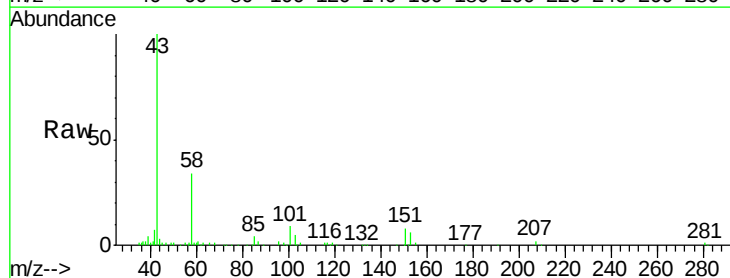
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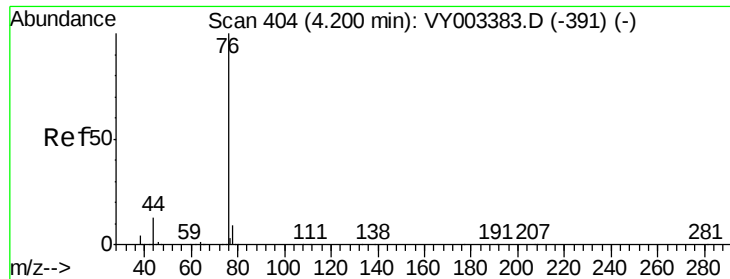
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#16
Acetone
Concen: 94.063 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
58	34.1	25.4	38.2		





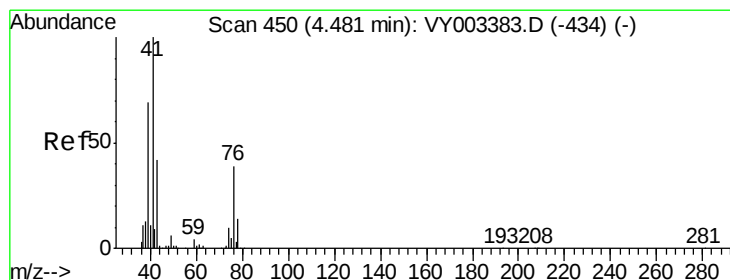
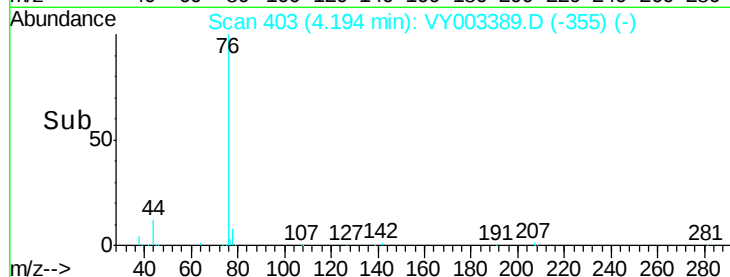
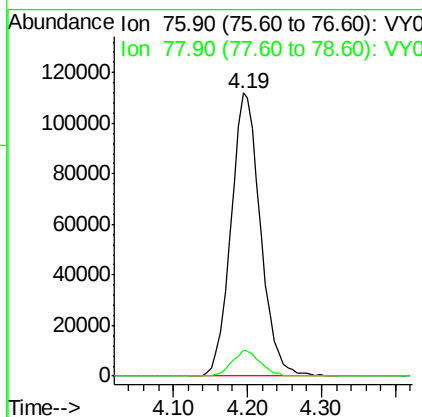
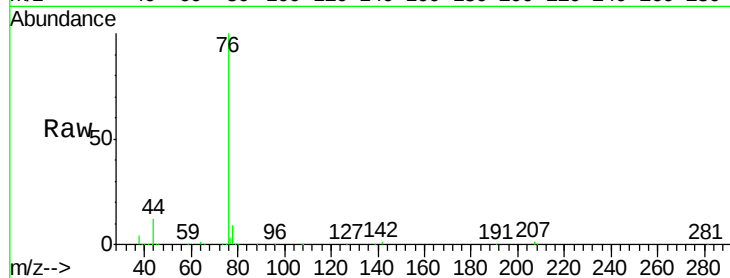
#17
Carbon Disulfide
Concen: 20.272 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

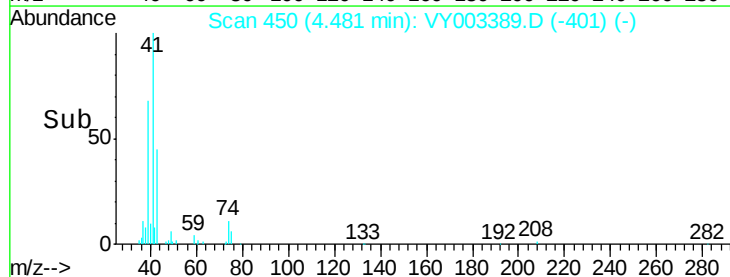
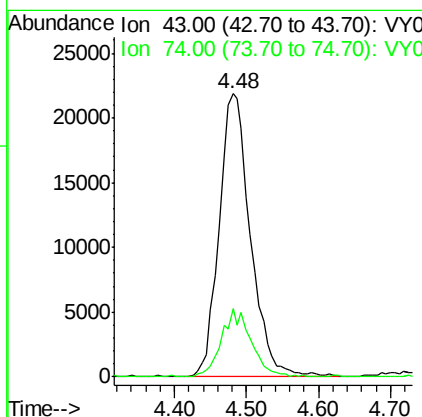
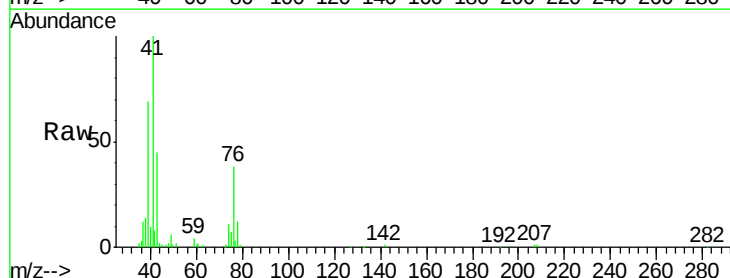
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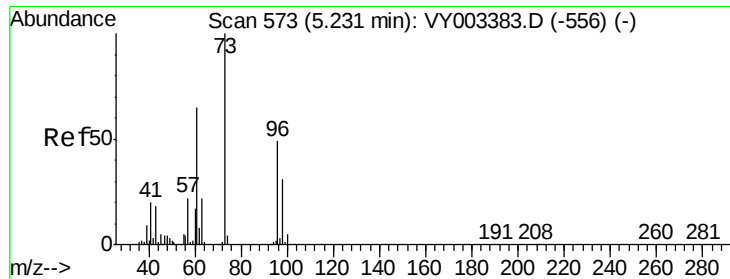
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#18
Methyl Acetate
Concen: 20.066 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	19.2	28.8





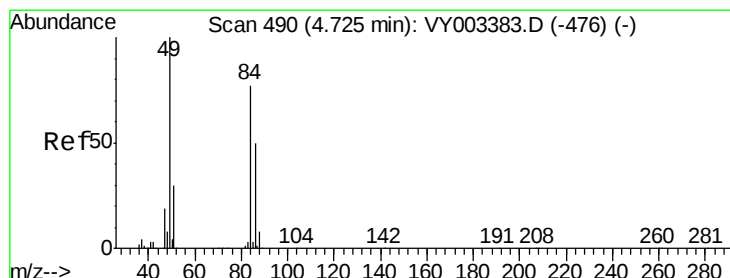
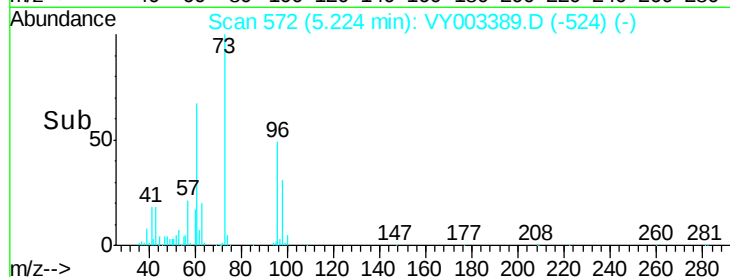
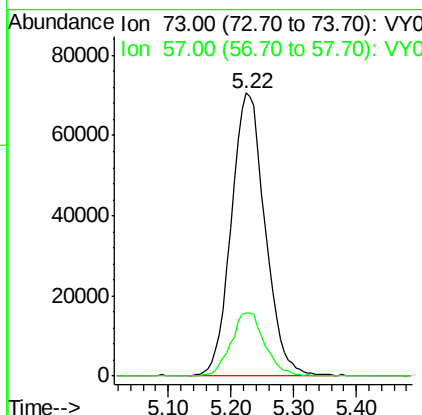
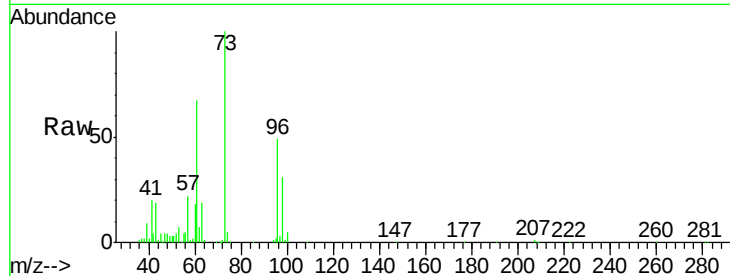
#19
Methvl tert-butvl Ether
Concen: 20.307 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion: 73 Resp: 262790
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8

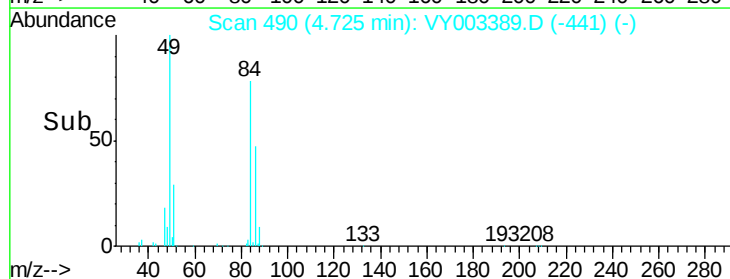
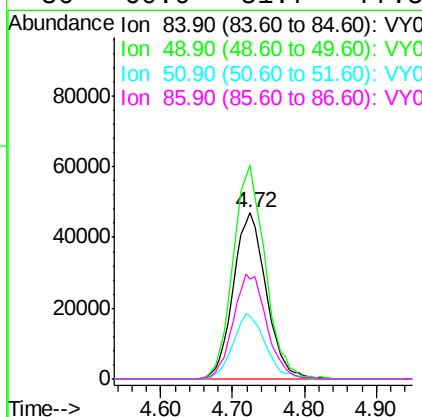
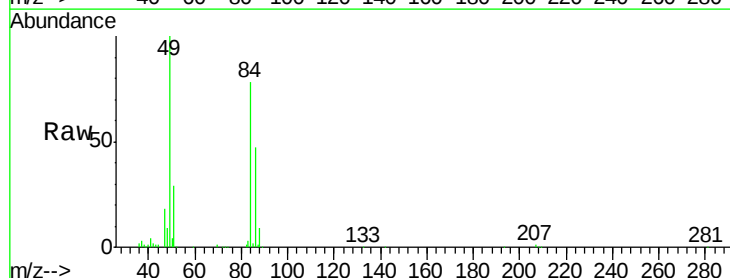
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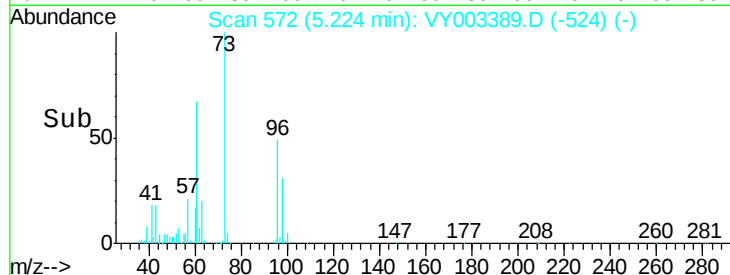
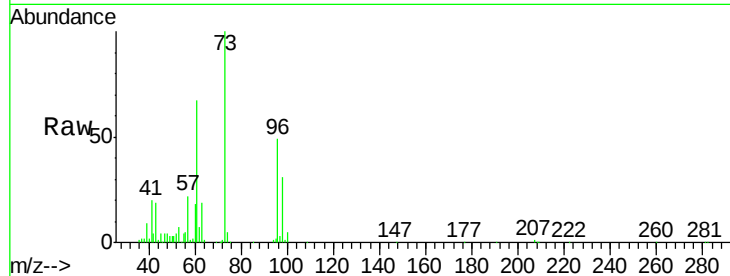
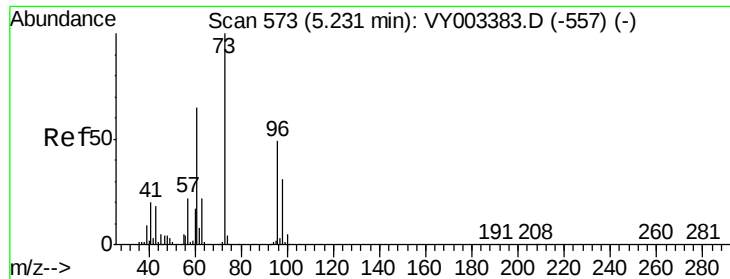
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#20
Methylene Chloride
Concen: 18.251 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 84 Resp: 149668
Ion Ratio Lower Upper
84 100
49 128.4 104.2 156.4
51 37.8 31.5 47.3
86 60.0 51.7 77.5





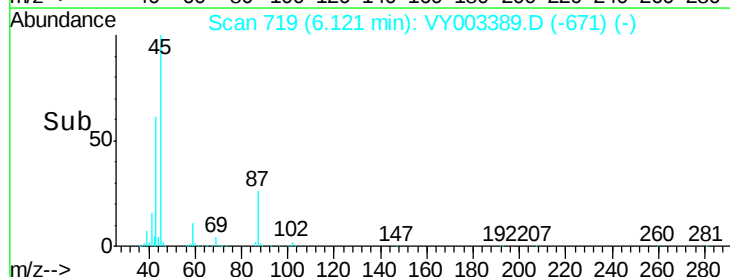
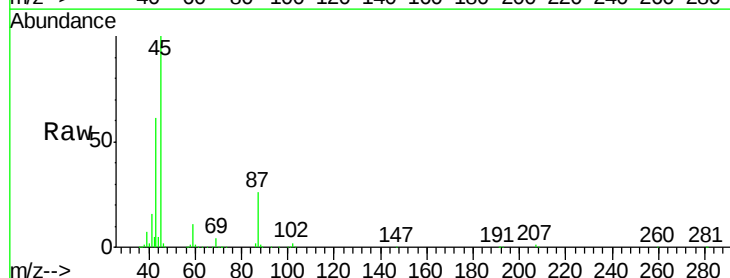
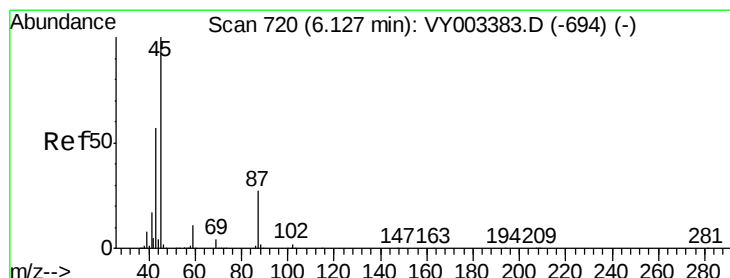
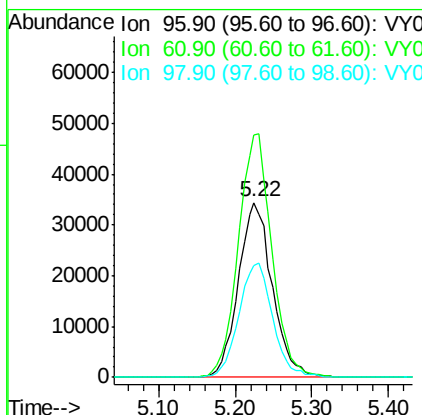
#21
trans-1,2-Dichloroethene
Concen: 20.051 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	106.3	159.5
98	63.7	50.8	76.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

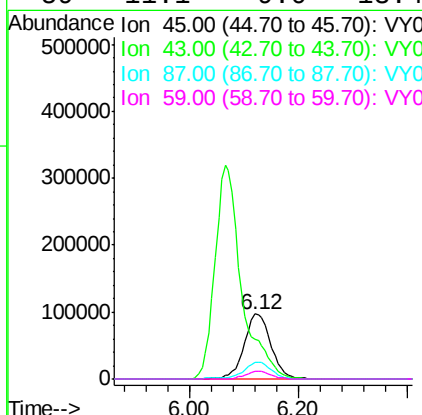
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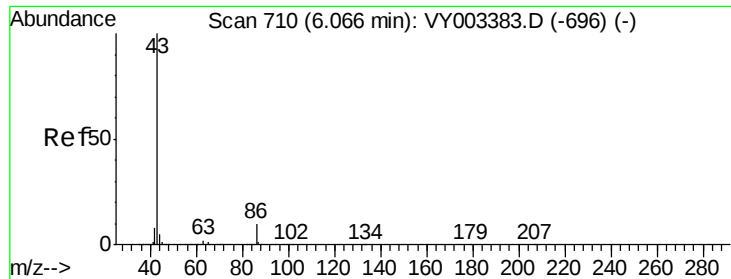
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#22
Diisopropyl ether
Concen: 20.273 ug/l
RT: 6.12 min Scan# 719
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.6	45.6	68.4
87	25.6	21.3	31.9
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 100.263 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampled :

VY0731SBS01

Tot Ion: 43 Resp: 1082000

Ion Ratio Lower Upper

43 100

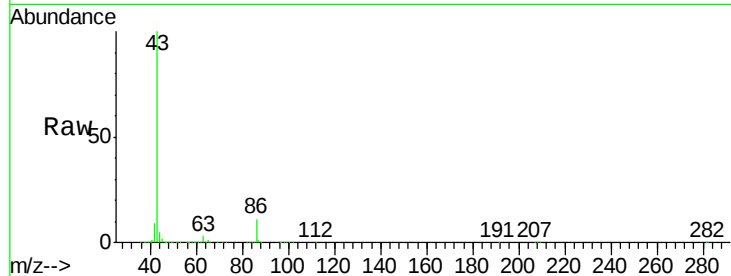
86 10.7 8.0 12.0

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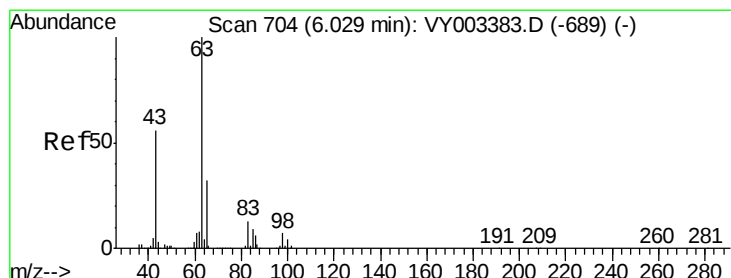
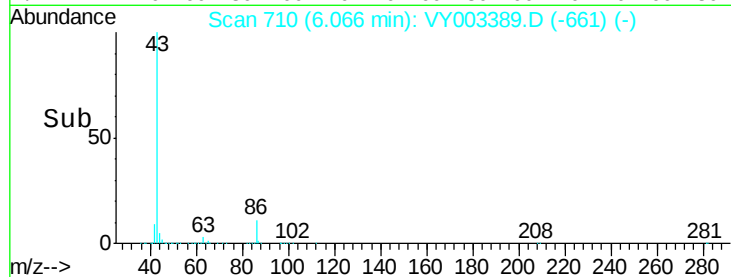
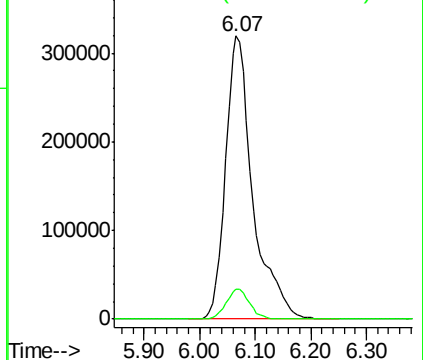
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.250 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

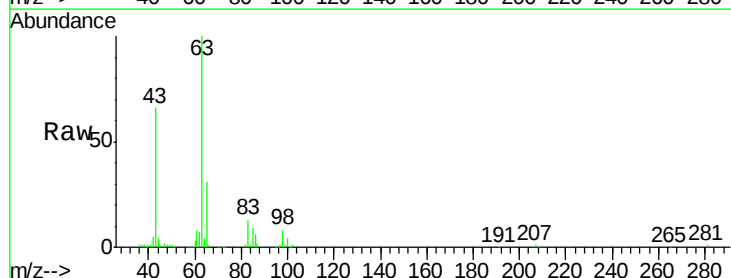
Tgt Ion: 63 Resp: 186934

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

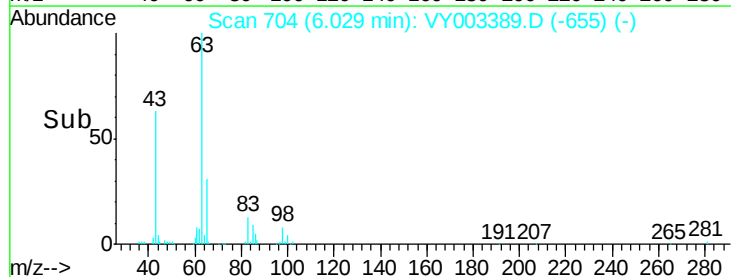
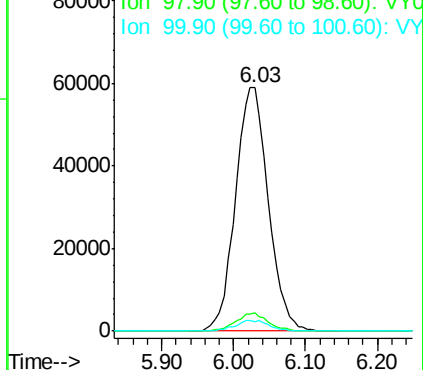
100 3.9 2.2 6.6

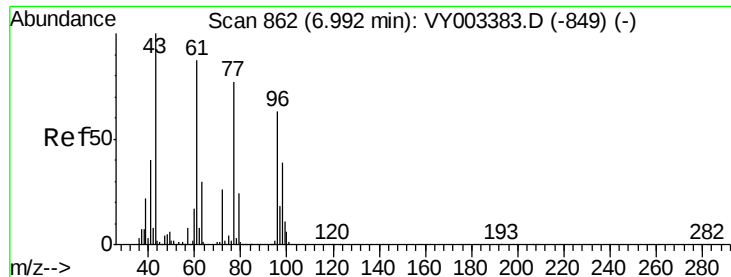


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 98.650 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 43 Resp: 187687

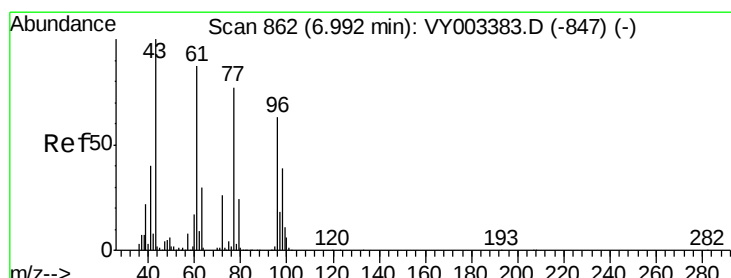
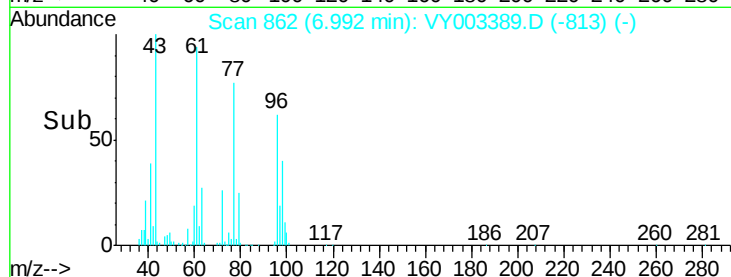
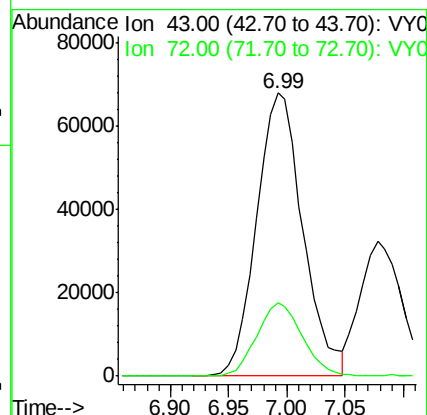
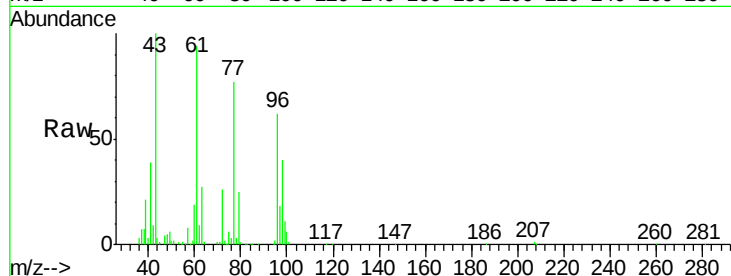
Ion Ratio Lower Upper

43 100

72 26.1 21.1 31.7

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#26

2,2-Dichloropropane

Concen: 20.179 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003389.D

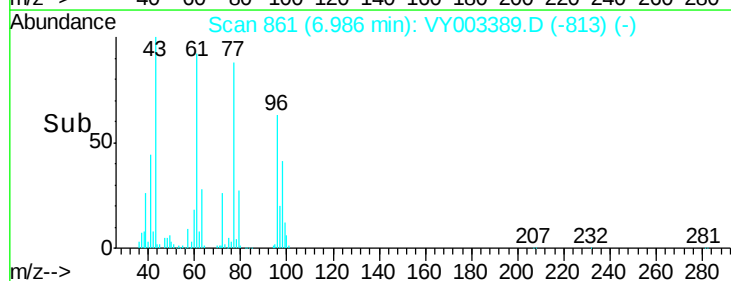
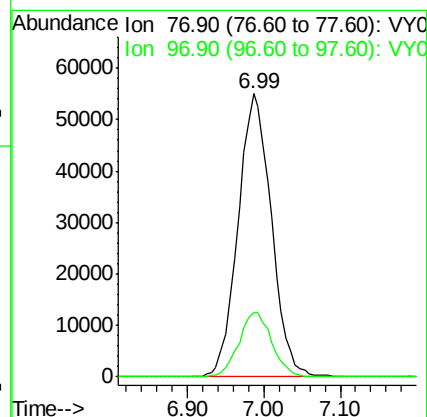
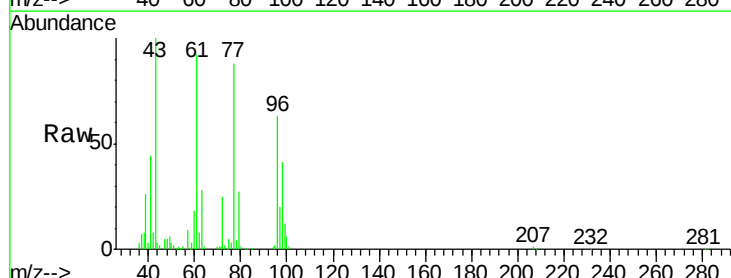
Acq: 31 Jul 2020 15:09

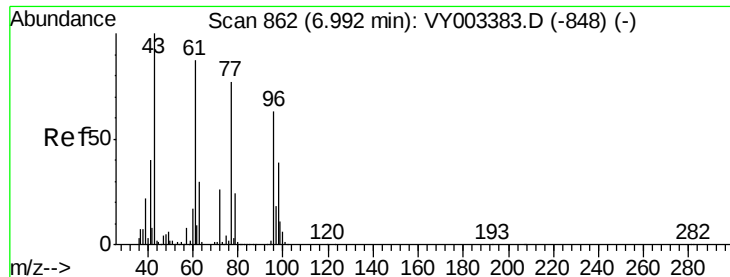
Tgt Ion: 77 Resp: 166212

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8





#27

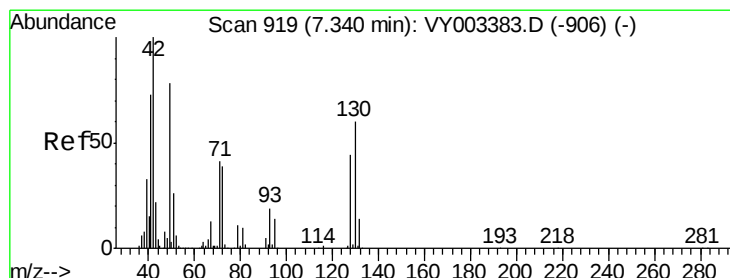
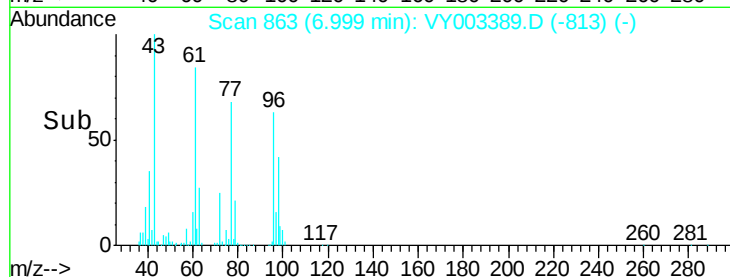
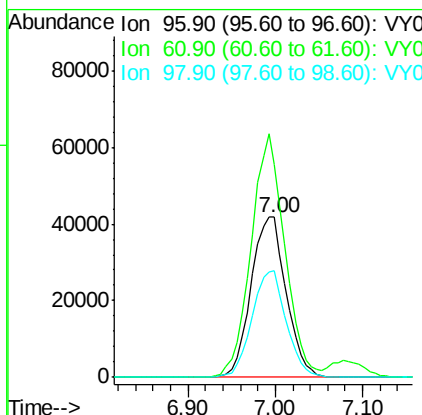
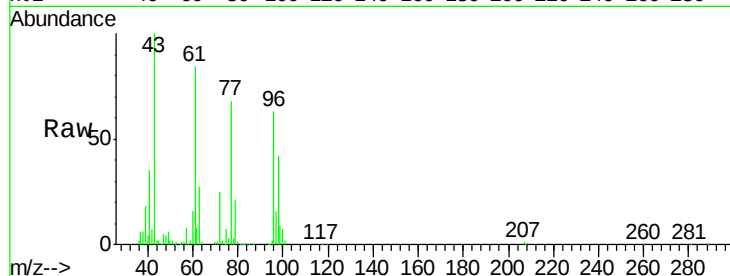
cis-1,2-Dichloroethene
Concen: 20.034 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.7	0.0	290.0	
98	64.7	0.0	129.0	

Manual Integrations
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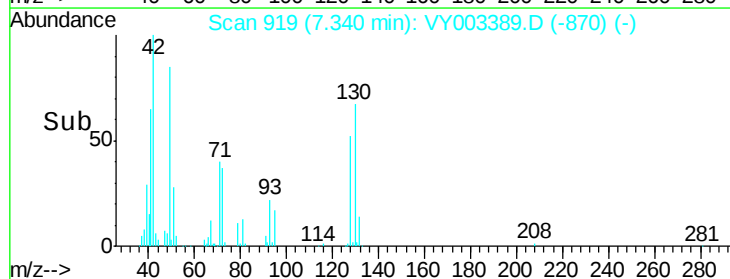
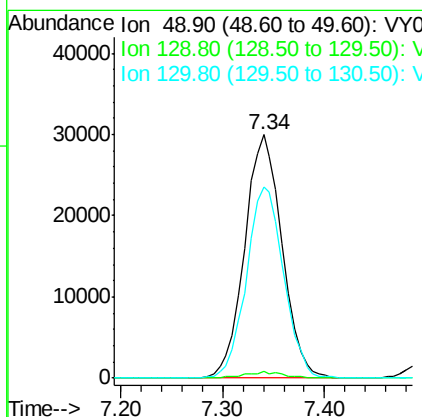
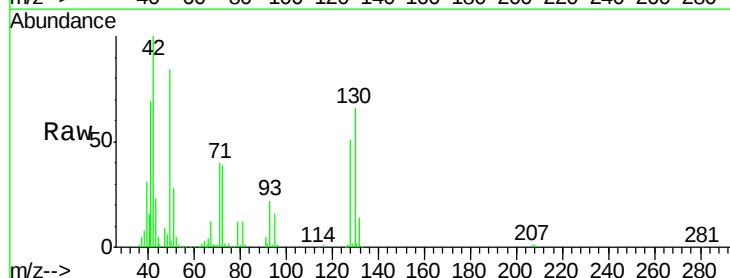
MMDadoda
8/3/2020 12:37:37 PM

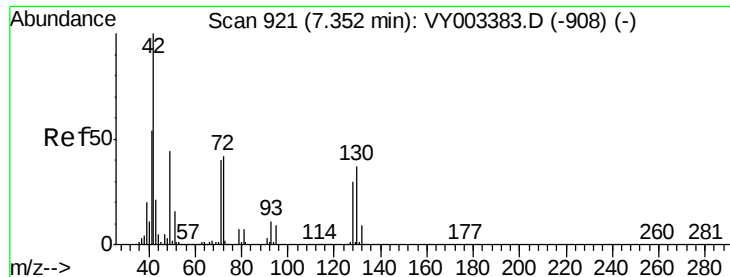


#28

Bromochloromethane
Concen: 21.230 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	4.4	
130	78.3	60.3	90.5	





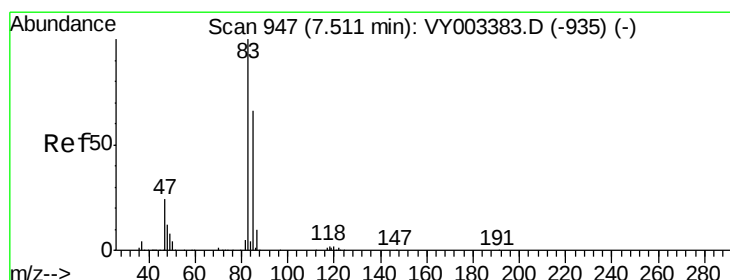
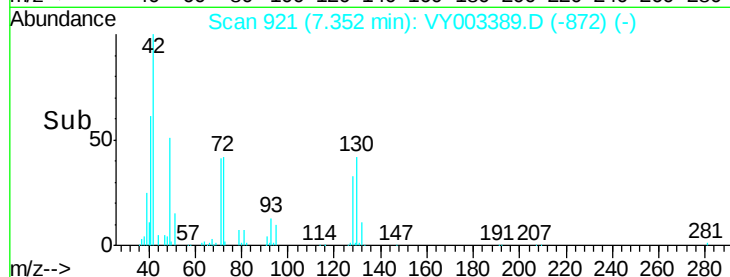
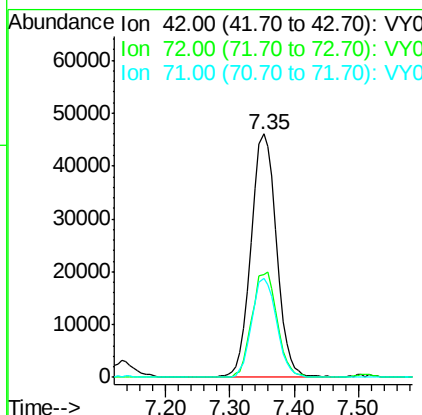
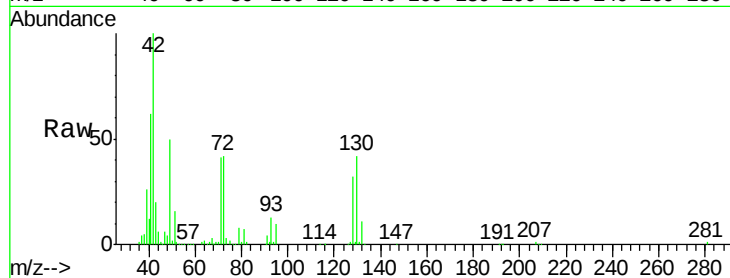
#29
Tetrahydrofuran
Concen: 100.459 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	33.5	50.3
71	39.6	32.1	48.1

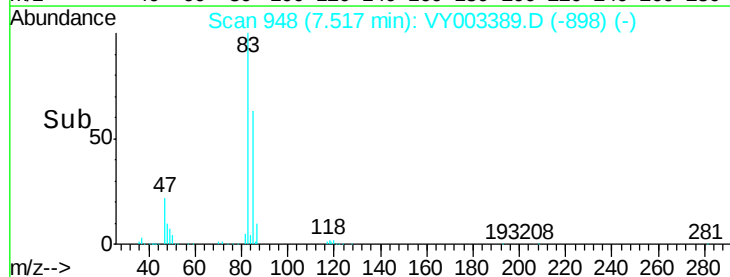
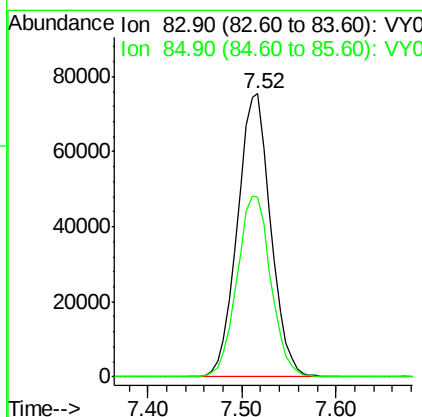
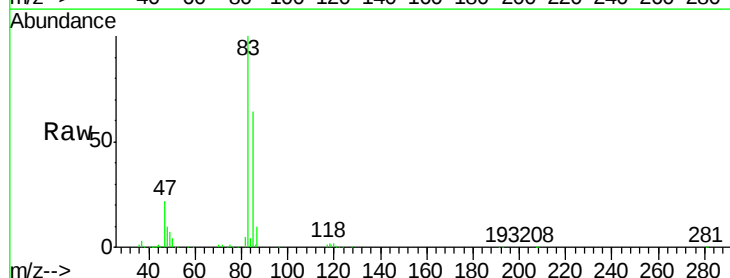
Manual Integrations
APPROVED

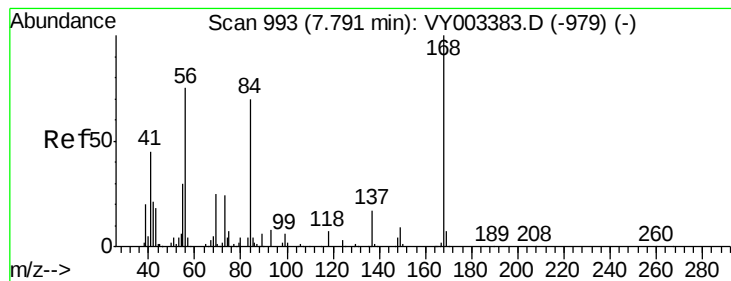
MMDadoda
8/3/2020 12:37:37 PM



#30
Chloroform
Concen: 20.332 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.5	78.7





#31

Cyclohexane

Concen: 19.777 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 56 Resp: 177142

Ion Ratio Lower Upper

56 100

69 36.9 26.1 39.1

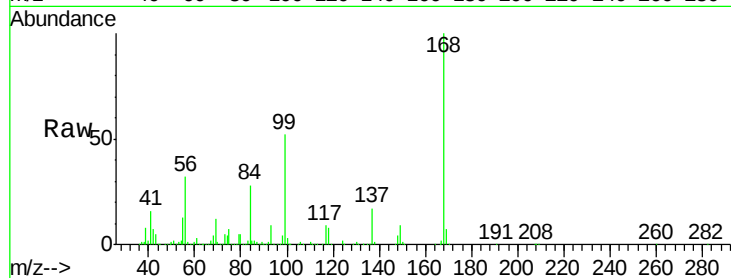
84 88.3 73.9 110.9

Manual Integrations

APPROVED

MMDadoda

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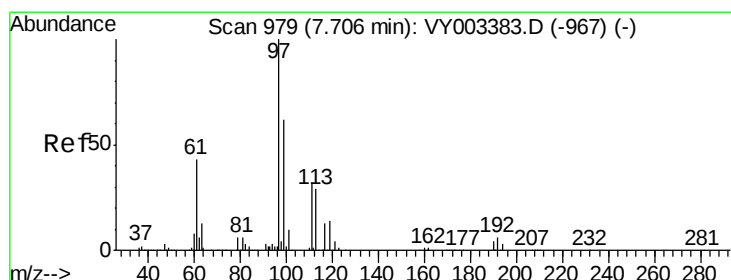
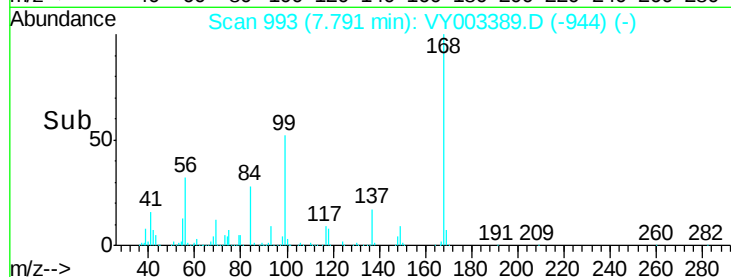
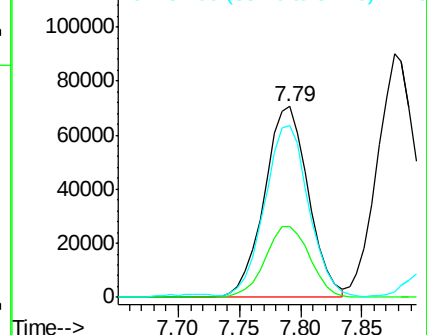


Abundance

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: 20.066 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

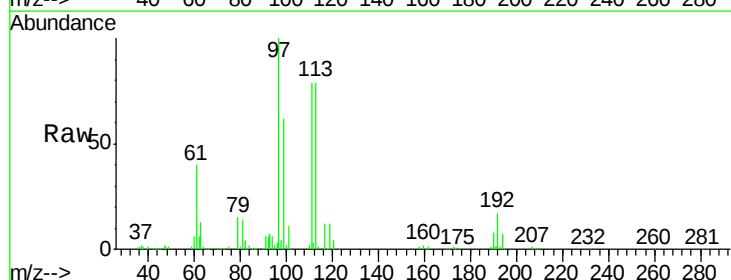
Tgt Ion: 97 Resp: 167632

Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 41.9 33.7 50.5

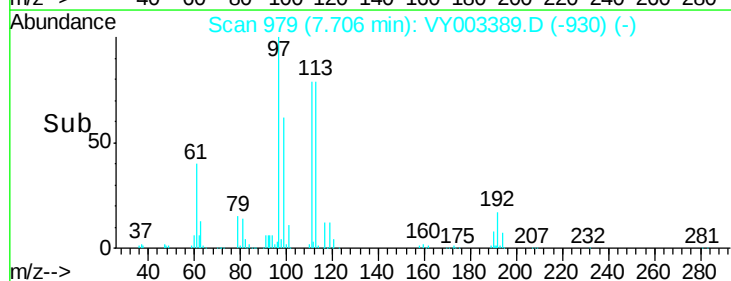
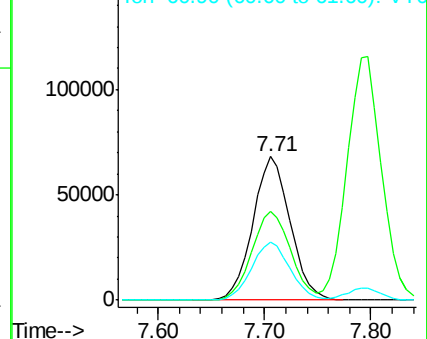


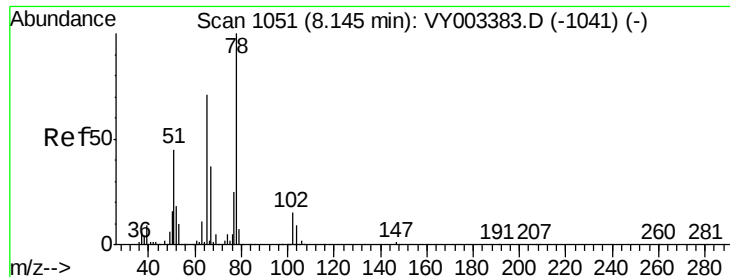
Abundance

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





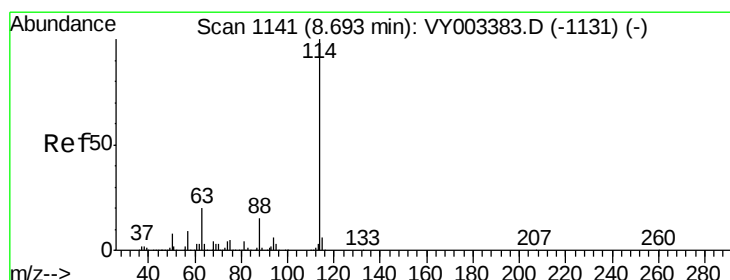
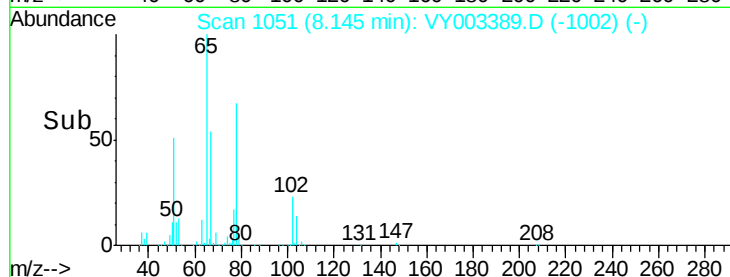
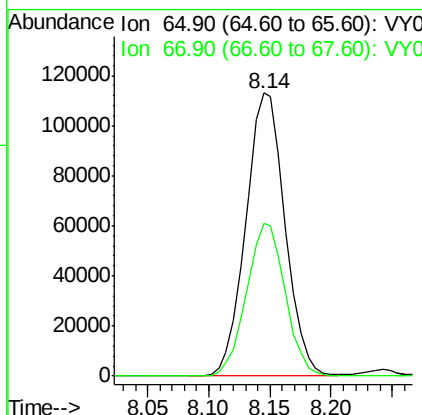
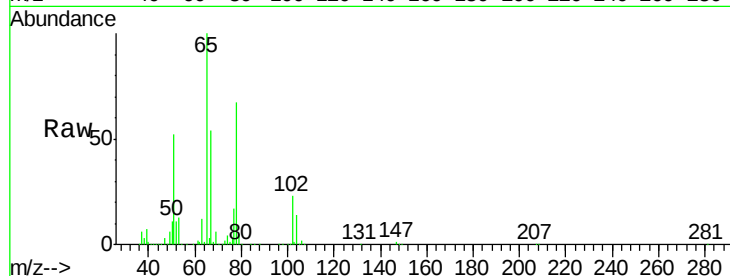
#33
 1,2-Dichloroethane-d4
 Concen: 49.755 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.6

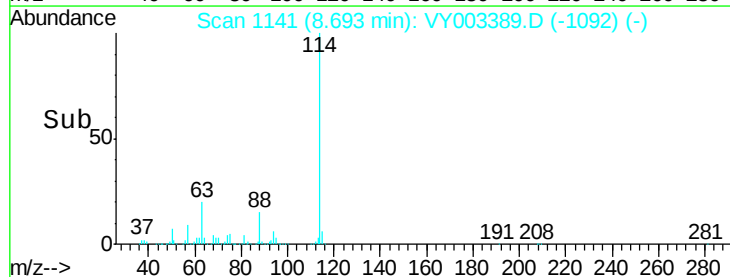
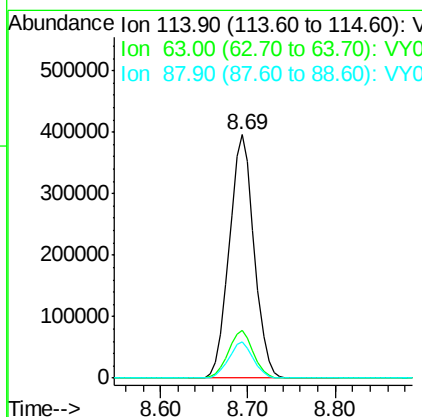
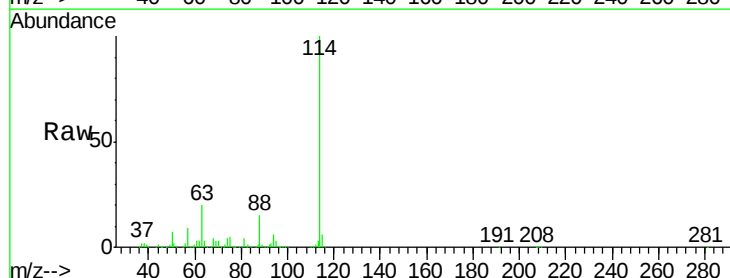
Manual Integrations
 APPROVED

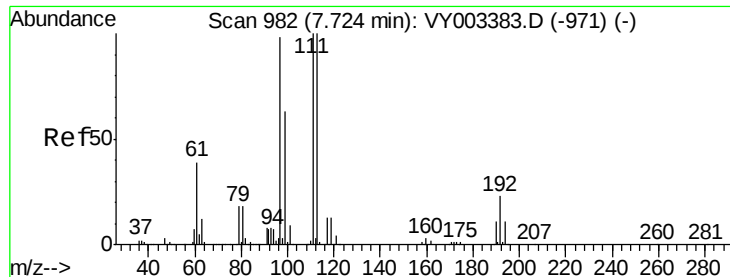
MMDadoda
 8/3/2020 12:37:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.6
88	14.9	0.0	29.2





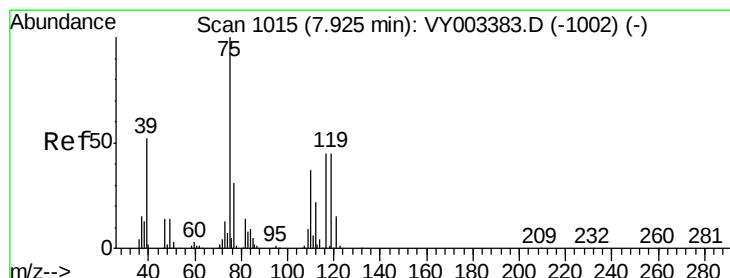
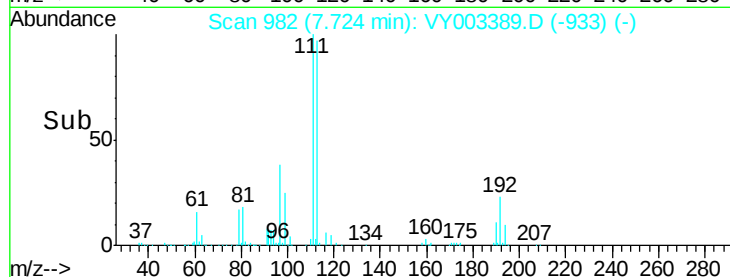
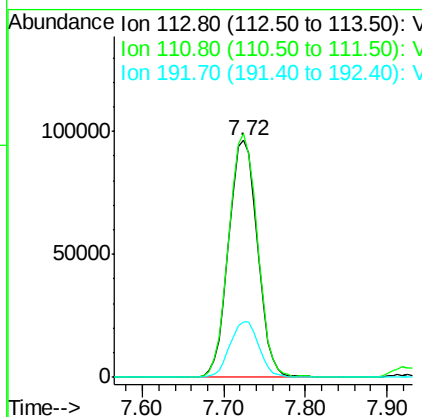
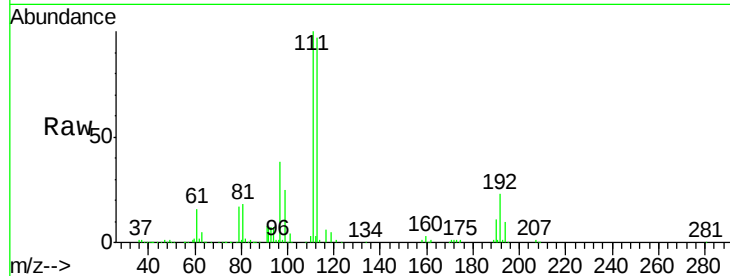
#35
 Dibromofluoromethane
 Concen: 51.176 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	235219		
111	102.2	83.0	124.4	
192	23.4	18.8	28.2	

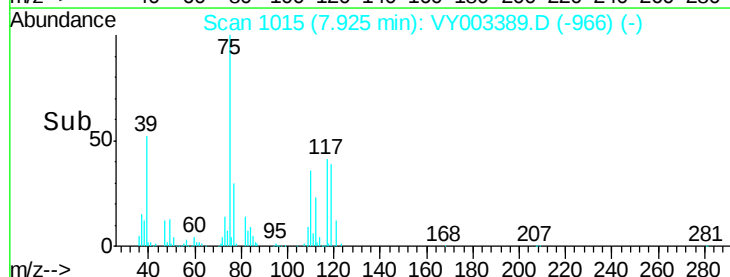
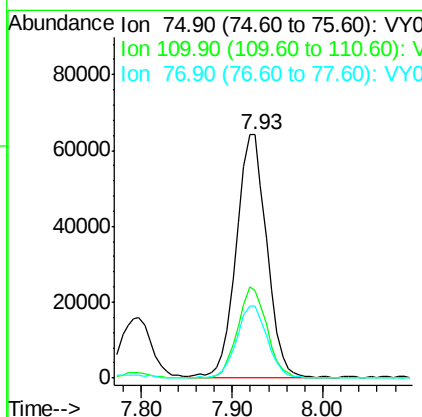
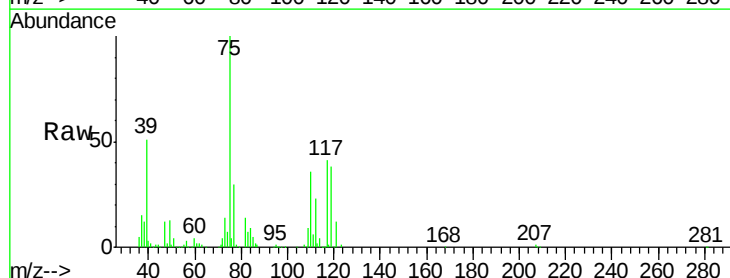
Manual Integrations
 APPROVED

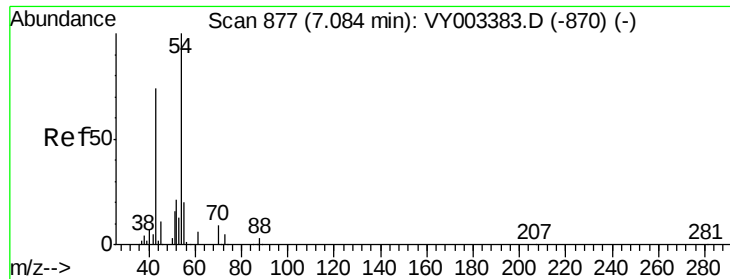
MMDadoda
 8/3/2020 12:37:37 PM



#36
 1,1-Dichloropropene
 Concen: 20.144 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	148738		
110	36.1	17.8	53.5	
77	30.3	24.6	36.8	





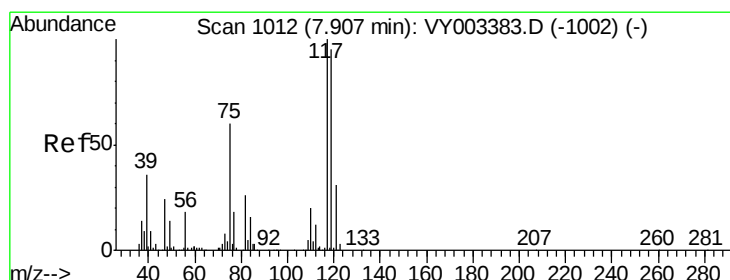
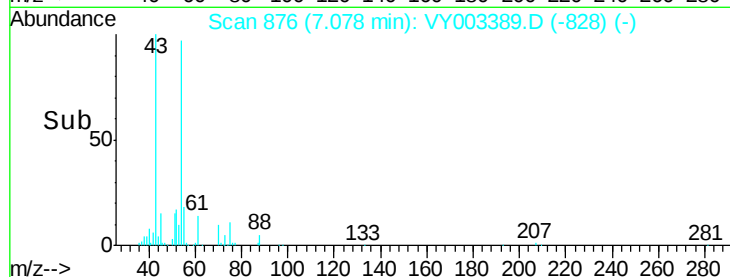
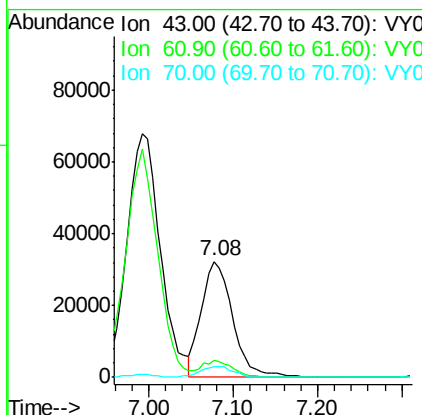
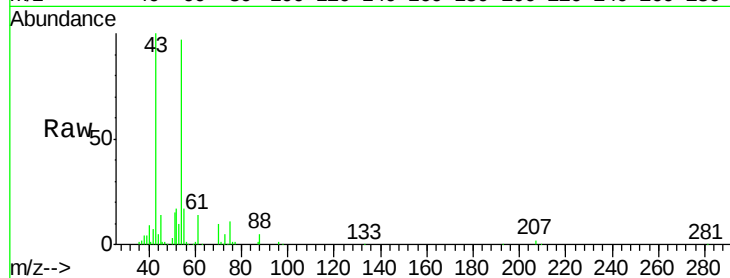
#37
Ethyl Acetate
Concen: 19.839 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.2	16.8
70	10.0	7.7	11.5

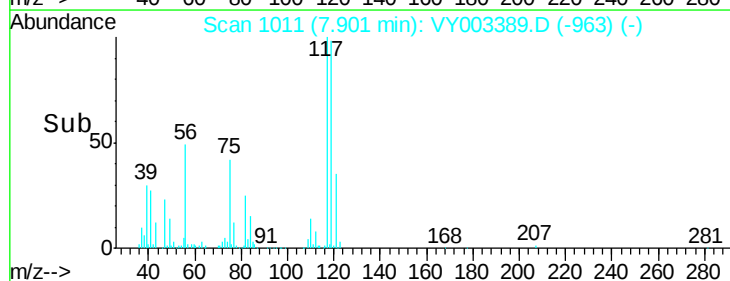
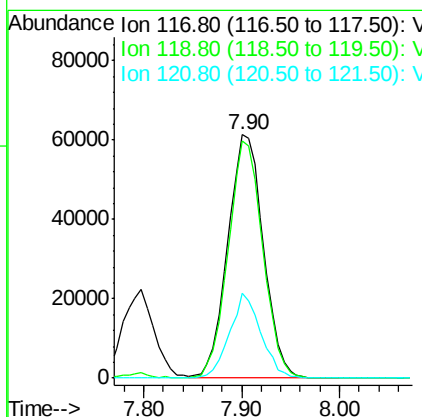
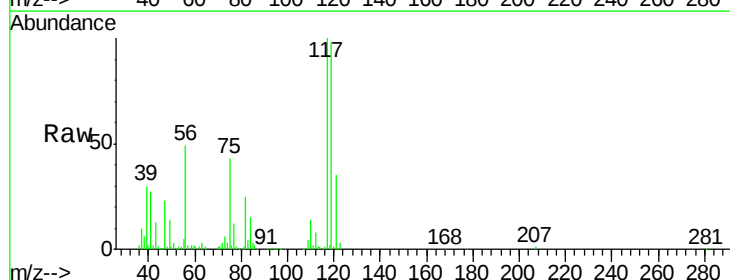
Manual Integrations
APPROVED

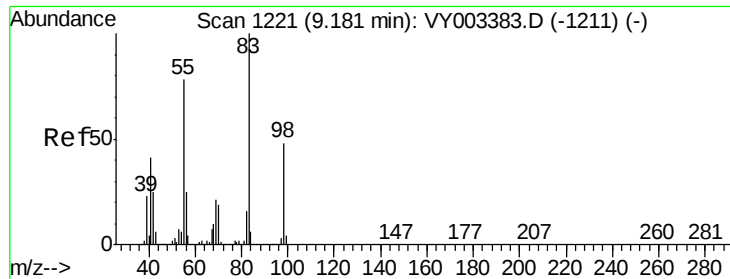
MMDadoda
8/3/2020 12:37:37 PM



#38
Carbon Tetrachloride
Concen: 20.399 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.1	114.1
121	34.7	24.5	36.7





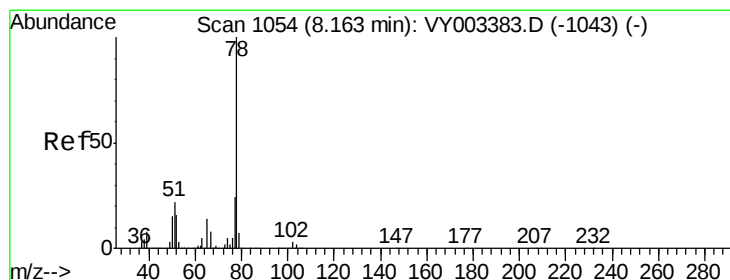
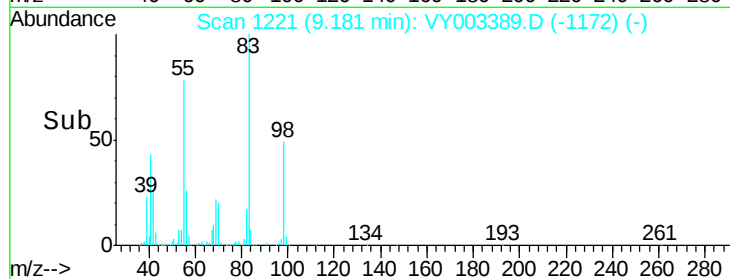
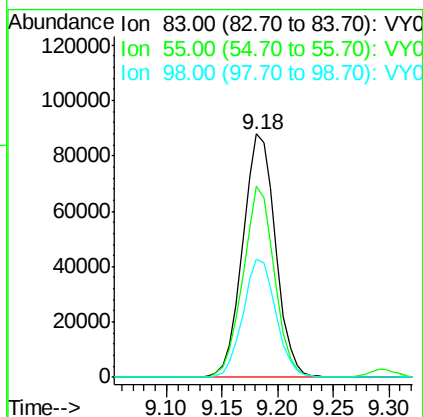
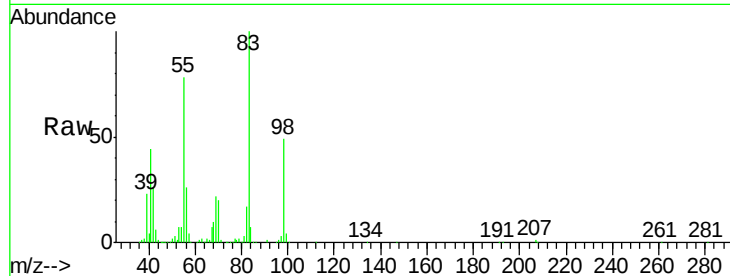
#39
Methvlcvclohexane
Concen: 19.973 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	62.2	93.4
98	48.7	38.7	58.1

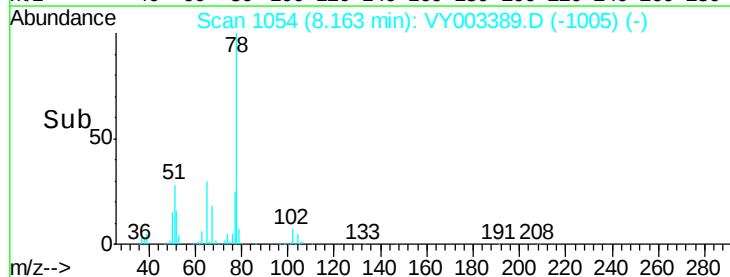
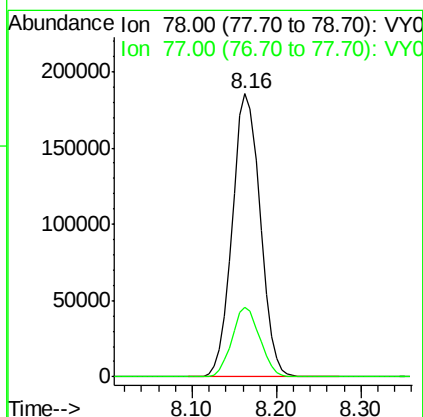
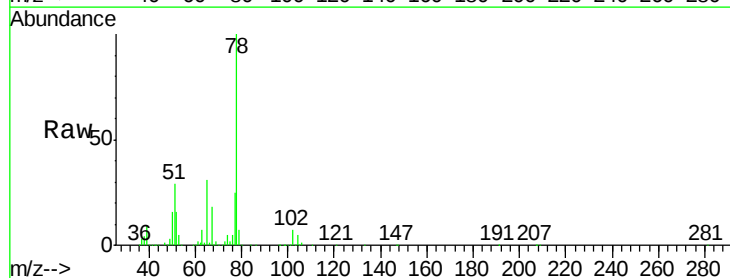
Manual Integrations
APPROVED

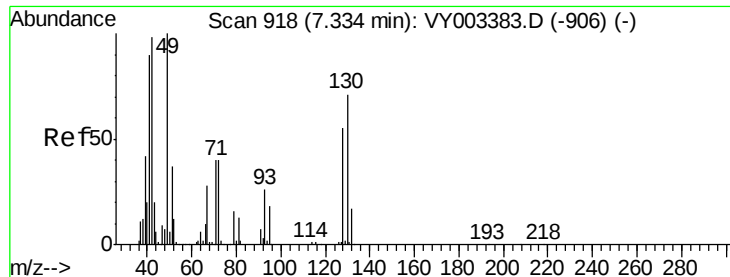
MMDadoda
8/3/2020 12:37:37 PM



#40
Benzene
Concen: 20.282 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.5	29.3





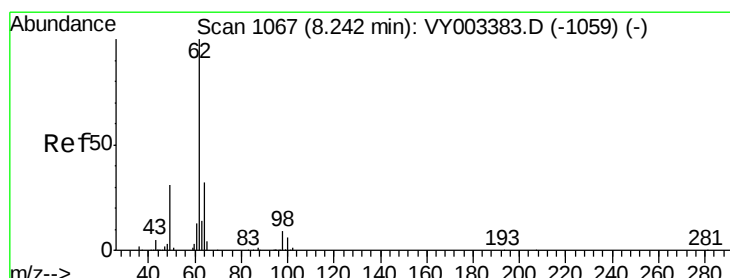
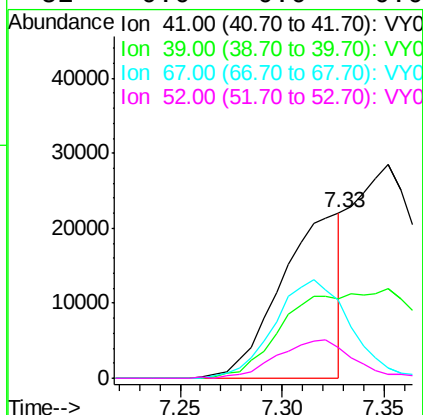
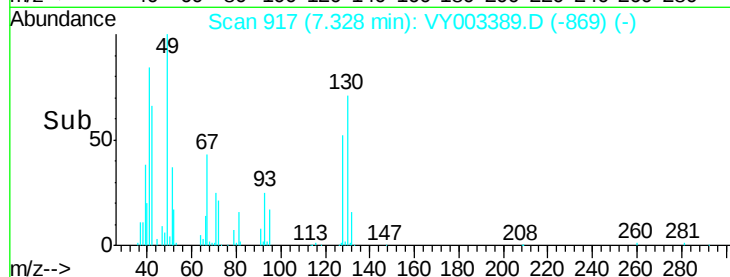
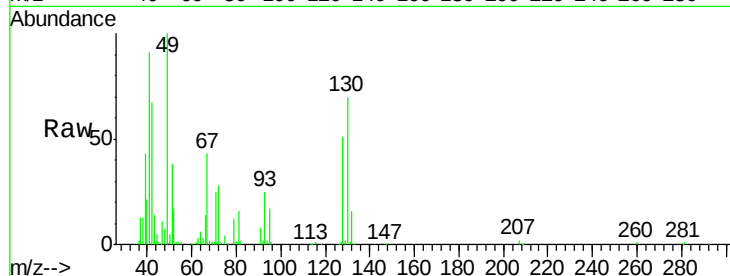
#41
Methacrylonitrile
Concen: 19.001 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	41	Resp	45735
Ion	Ratio	Lower	Upper
41	100		
39	0.0	78.3	117.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

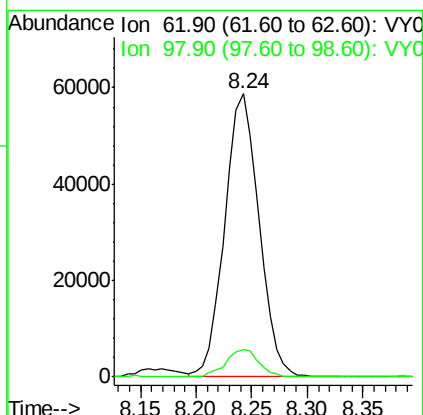
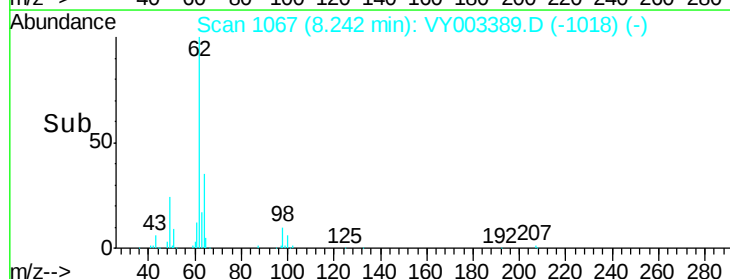
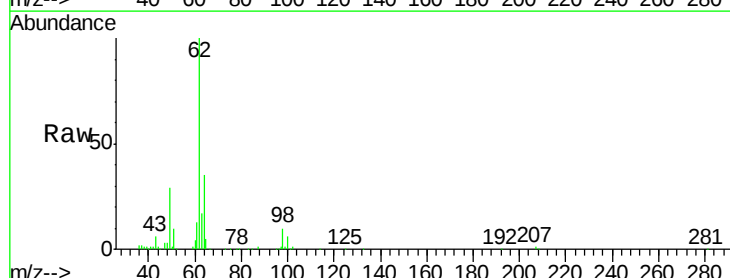
Manual Integrations
APPROVED

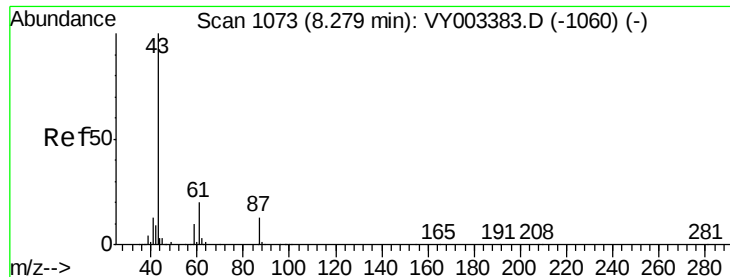
MMDadoda
8/3/2020 12:37:37 PM



#42
1,2-Dichloroethane
Concen: 20.117 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	62	Resp	125522
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





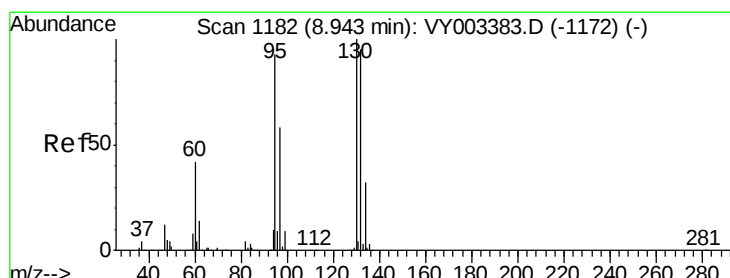
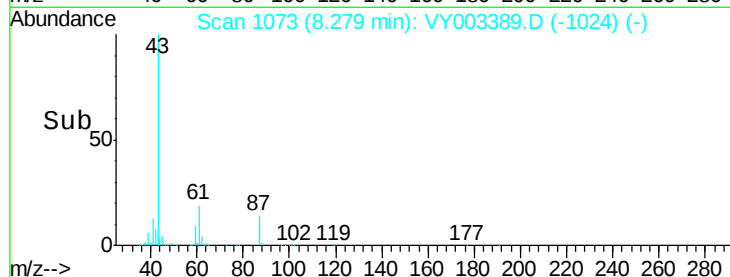
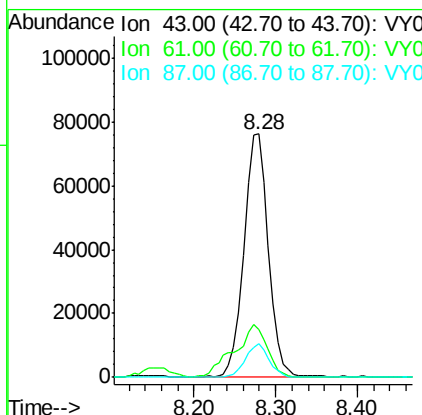
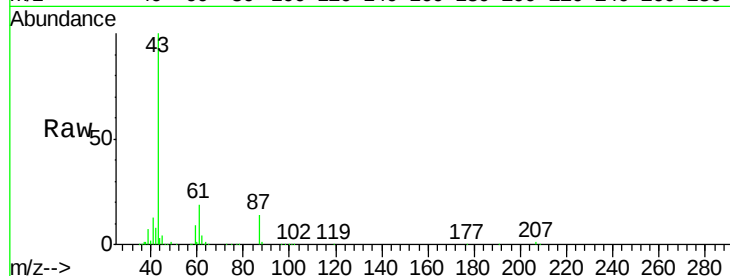
#43
Isopropyl Acetate
Concen: 19.819 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.0	34.4
87	13.6	10.5	15.7

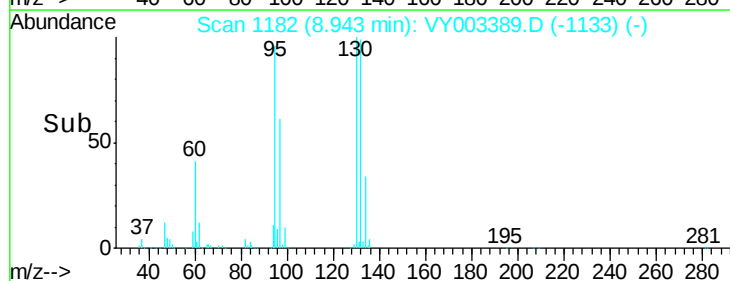
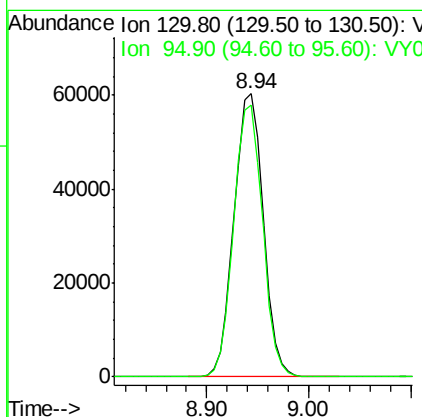
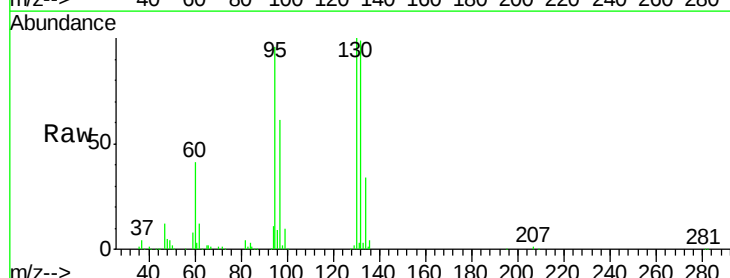
Manual Integrations
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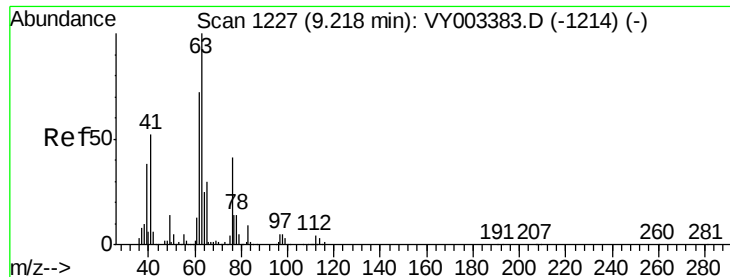
MMDadoda
8/3/2020 12:37:37 PM



#44
Trichloroethene
Concen: 20.346 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	186.8





#45

1,2-Dichloropropane

Concen: 20.054 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 63 Resp: 107590

Ion Ratio Lower Upper

63 100

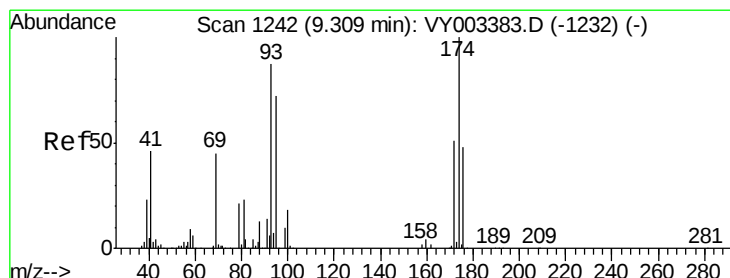
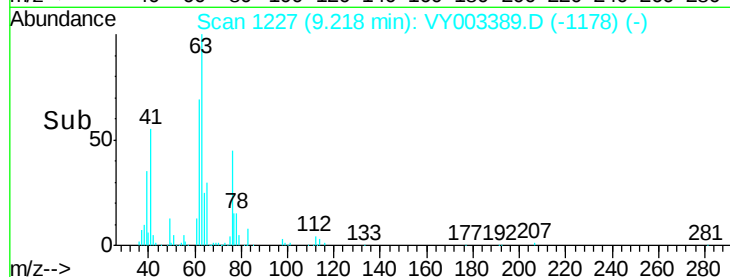
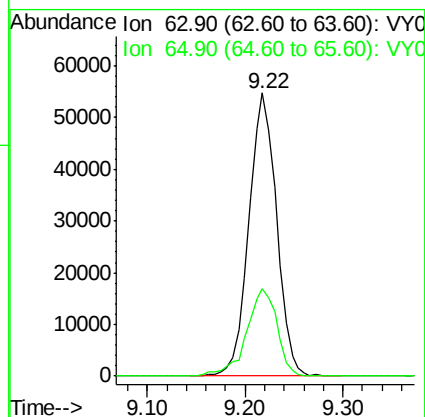
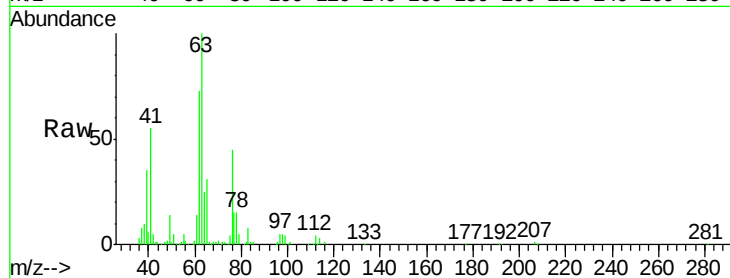
65 31.1 23.8 35.8

Manual Integrations

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#46

Dibromomethane

Concen: 20.029 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

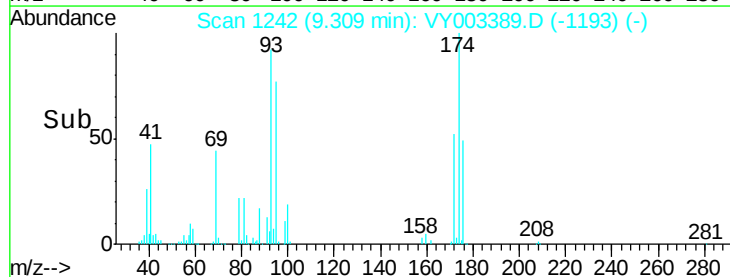
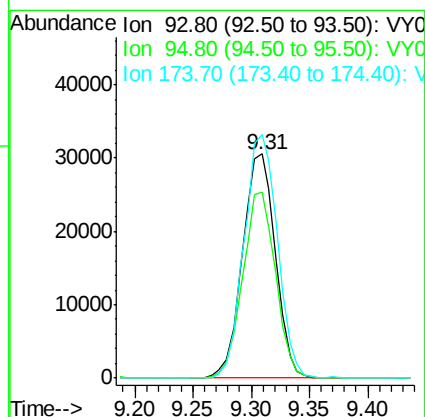
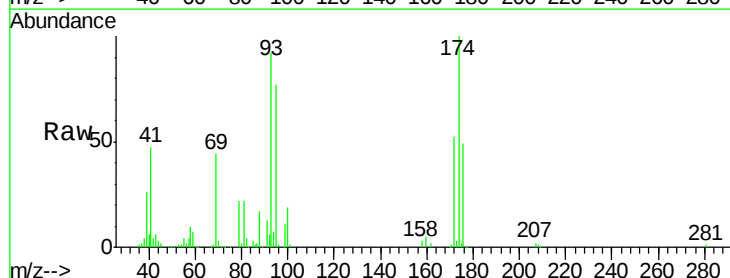
Tgt Ion: 93 Resp: 60289

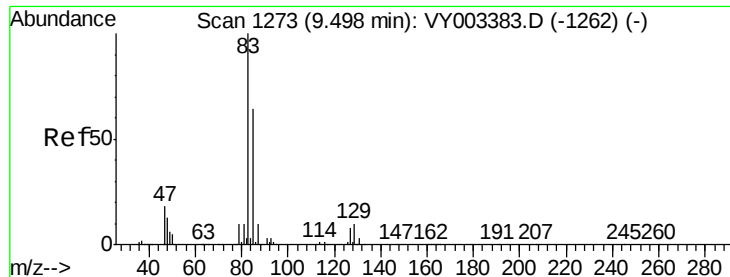
Ion Ratio Lower Upper

93 100

95 82.7 65.4 98.0

174 111.0 88.6 133.0





#47

Bromodichloromethane

Concen: 20.553 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

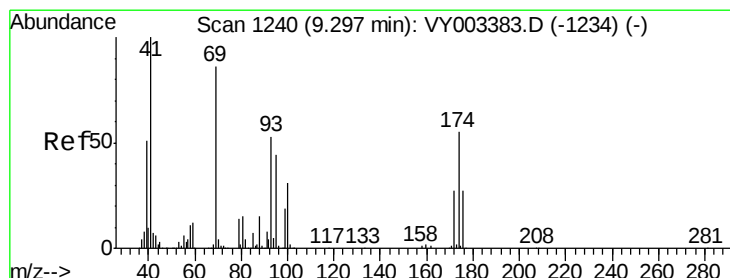
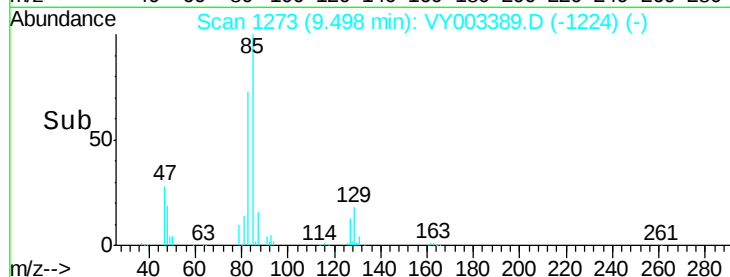
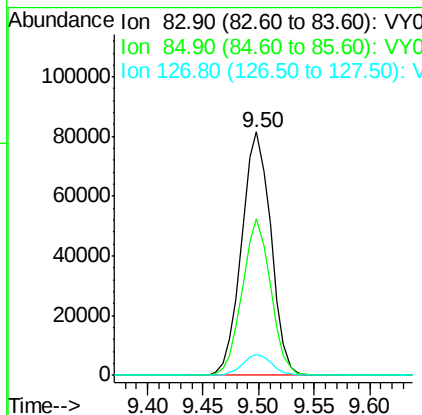
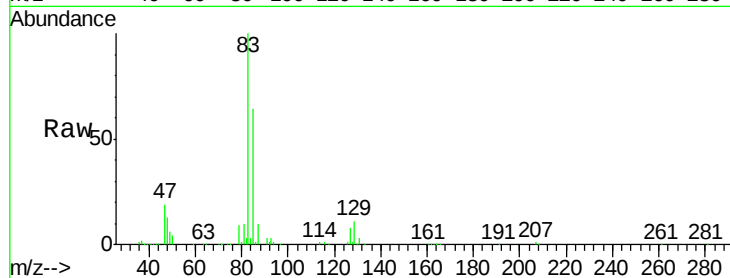
ClientSampleId :

VY0731SBS01

Tot Ion:	83	Resp:	149081
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.6	77.4
127	8.4	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.434 ug/l

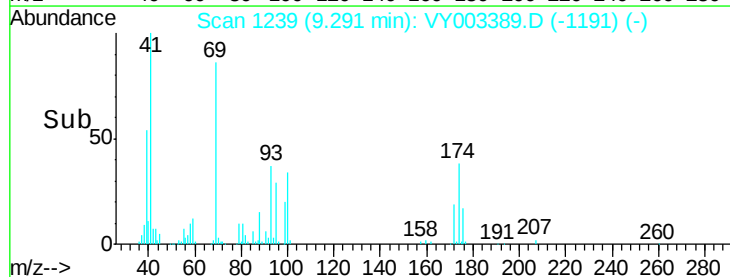
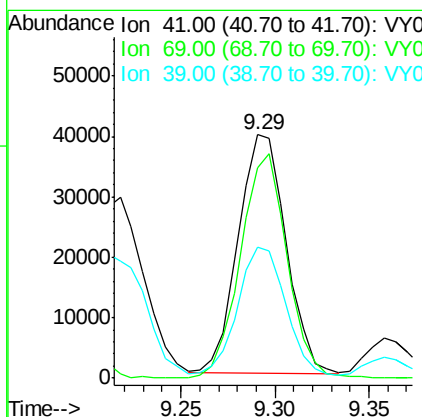
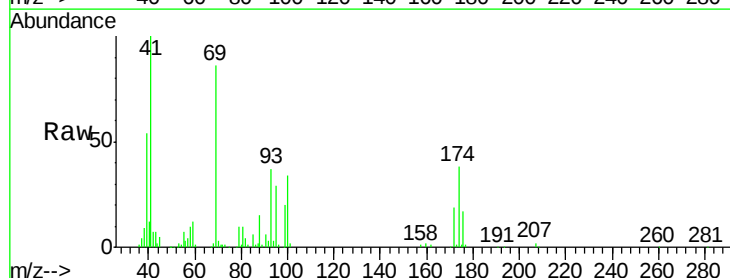
RT: 9.29 min Scan# 1239

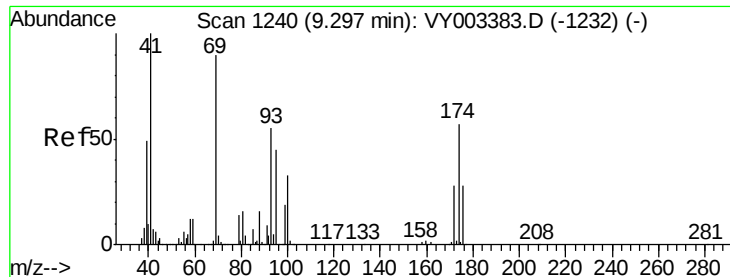
Delta R.T. -0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Tgt Ion:	41	Resp:	69514
Ion Ratio	Lower	Upper	
41	100		
69	91.9	68.9	103.3
39	56.8	43.1	64.7





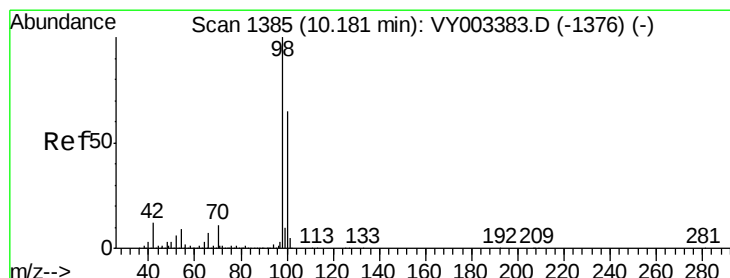
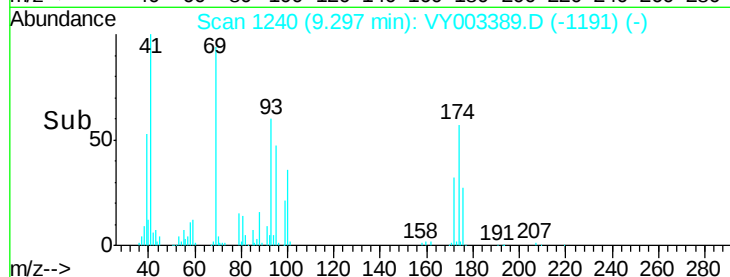
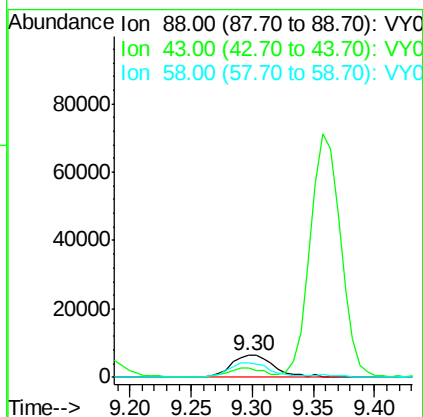
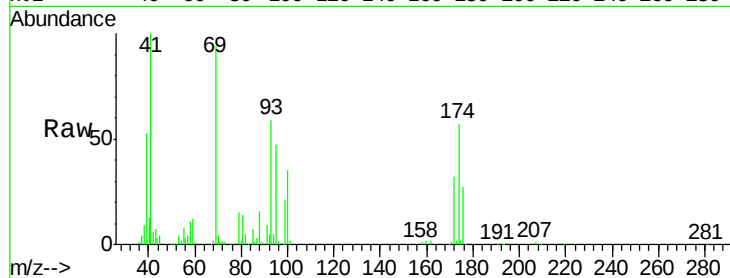
#49
1,4-Dioxane
Concen: 411.049 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	24.9	37.3
58	62.6	54.3	81.5

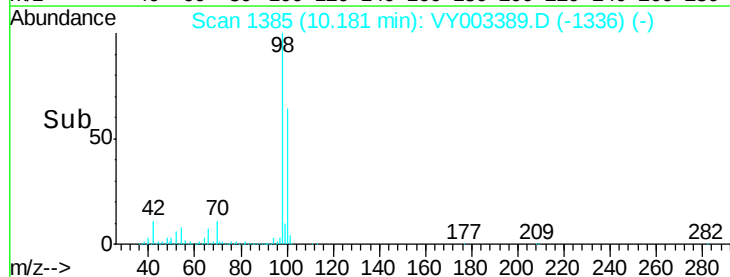
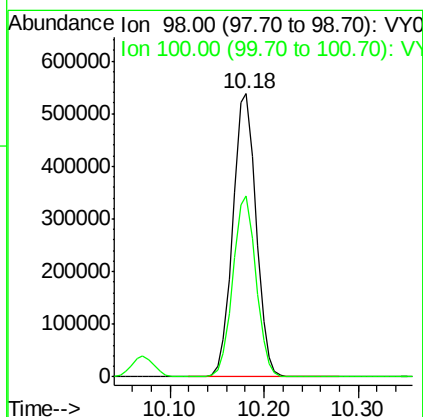
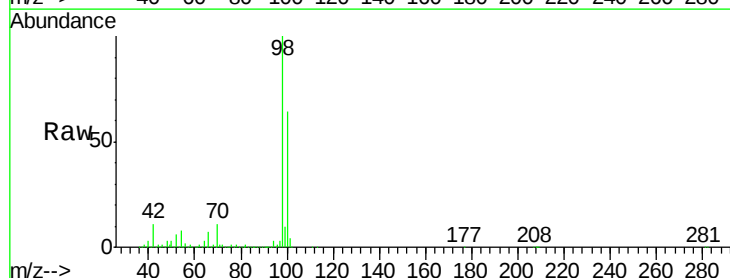
Manual Integrations
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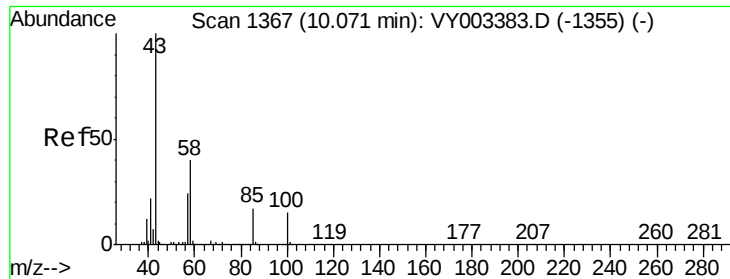
MMDadoda
8/3/2020 12:37:37 PM



#50
Toluene-d8
Concen: 51.349 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 99.756 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 43 Resp: 414269

Ion Ratio Lower Upper

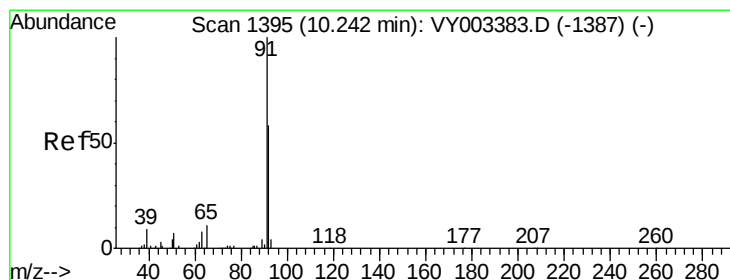
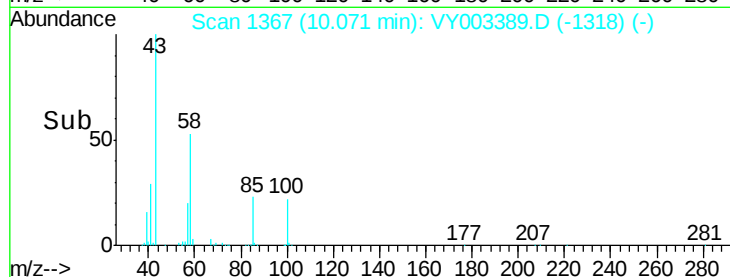
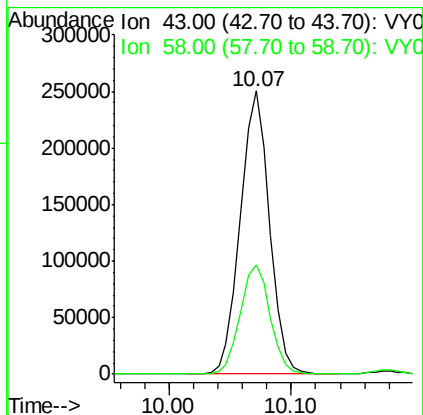
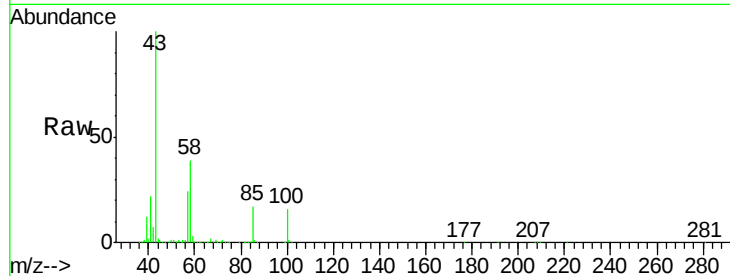
43 100

58 39.6 31.6 47.4

Manual Integrations
APPROVED

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8/3/2020 12:37:37 PM



#52

Toluene

Concen: 20.317 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003389.D

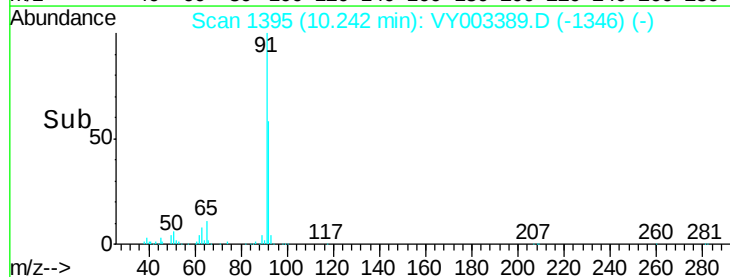
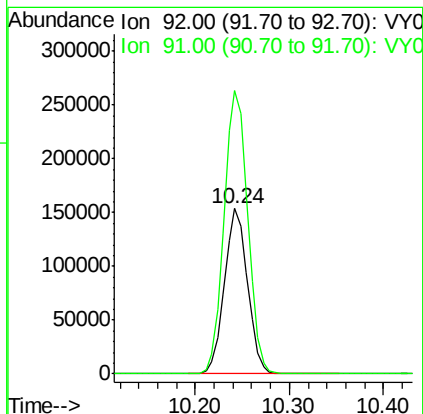
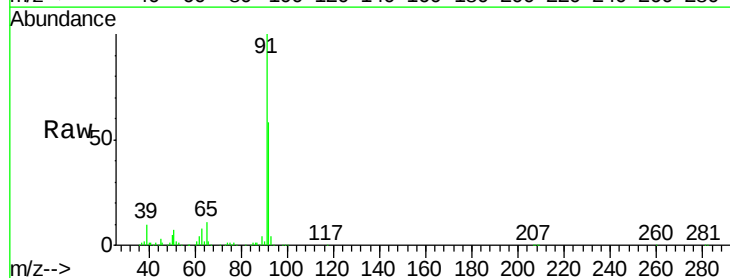
Acq: 31 Jul 2020 15:09

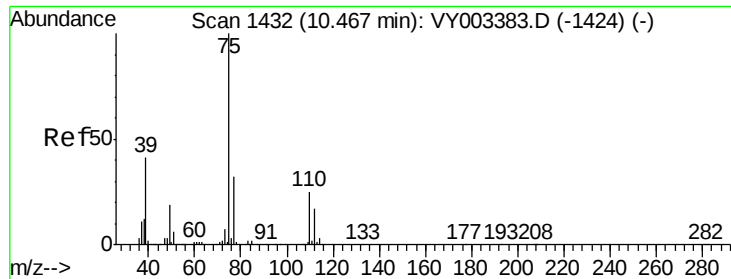
Tgt Ion: 92 Resp: 261053

Ion Ratio Lower Upper

92 100

91 175.4 139.4 209.0





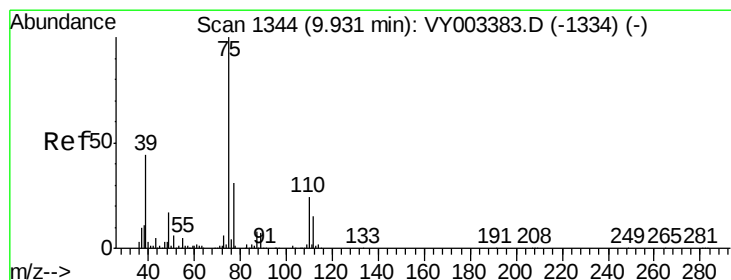
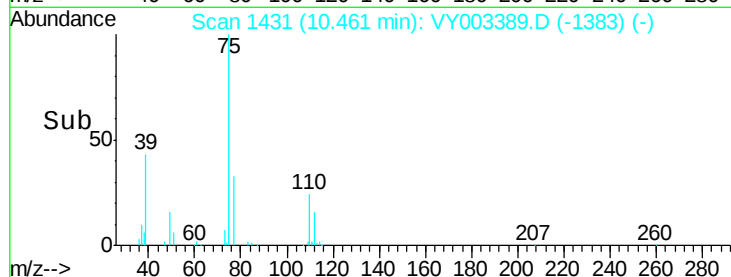
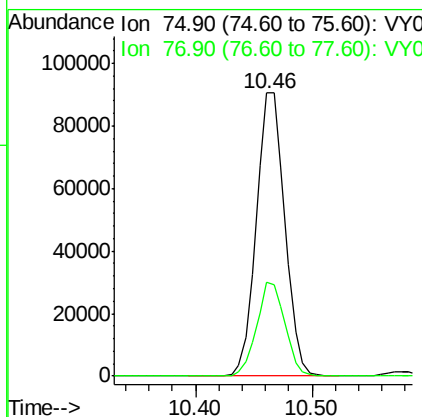
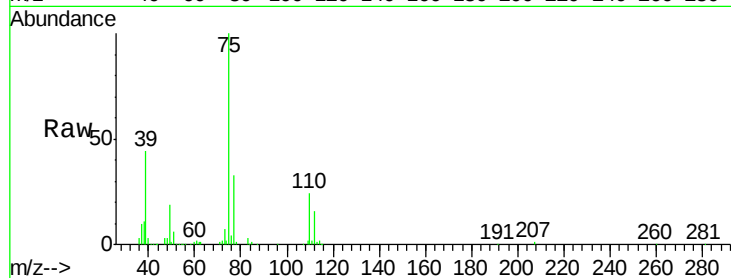
#53
t-1,3-Dichloropropene
Concen: 20.014 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.4	38.2

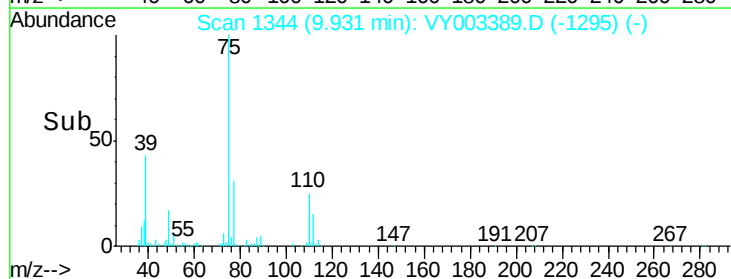
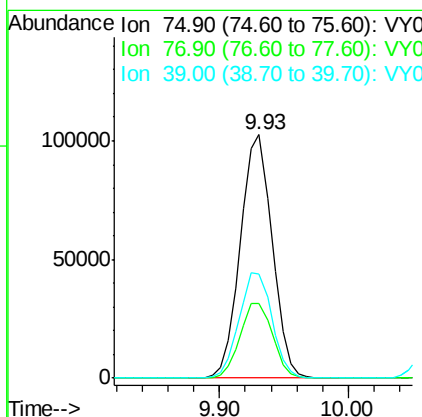
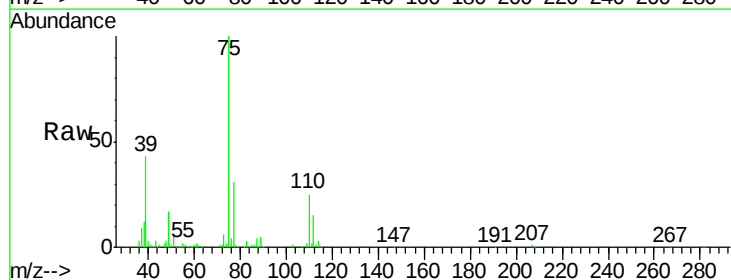
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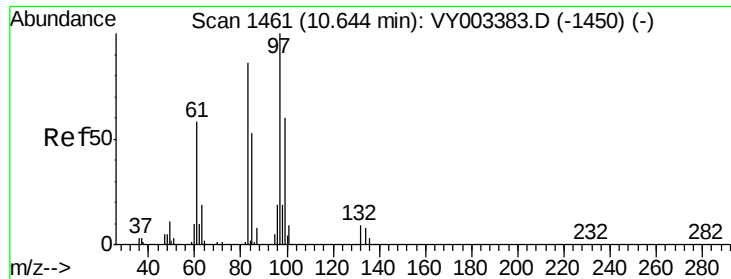
MMDadoda
8/3/2020 12:37:37 PM



#54
cis-1,3-Dichloropropene
Concen: 20.103 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.8	37.2
39	42.9	34.8	52.2





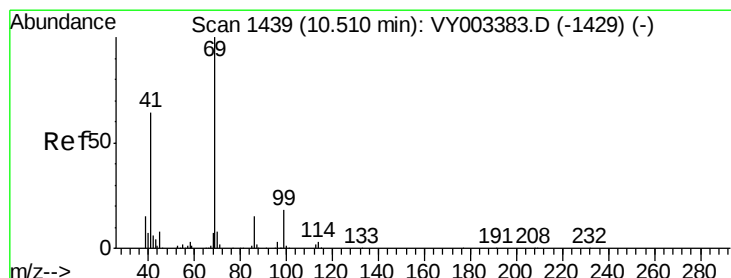
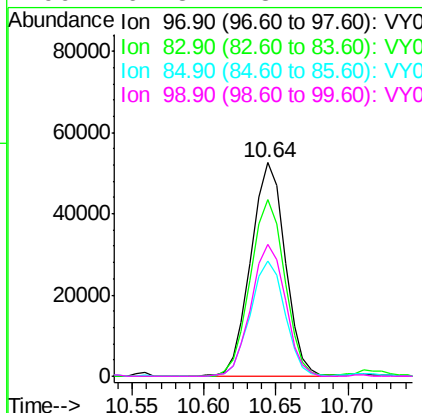
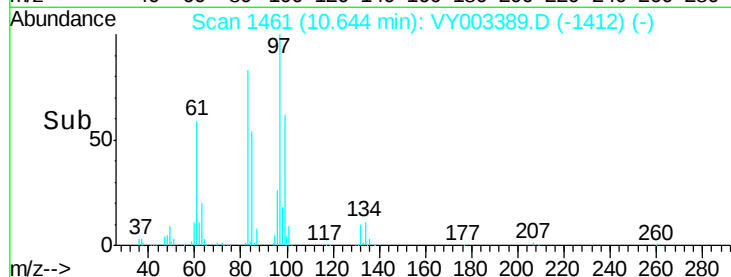
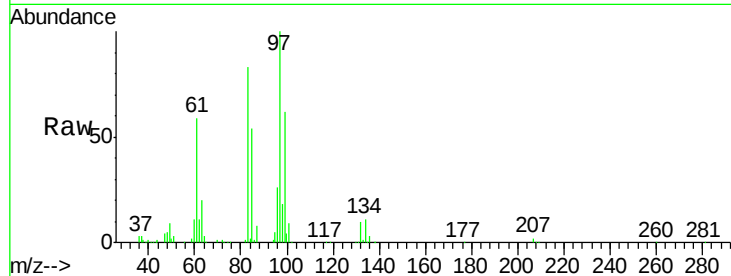
#55
 1,1,2-Trichloroethane
 Concen: 20.634 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		87119		
83	82.6	69.1	103.7		
85	54.2	42.5	63.7		
99	61.8	48.2	72.4		

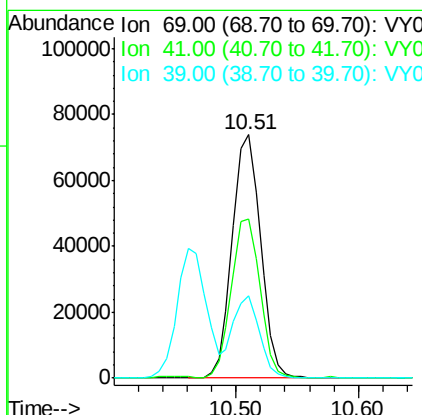
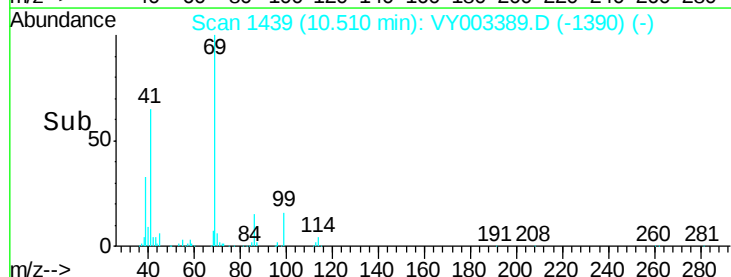
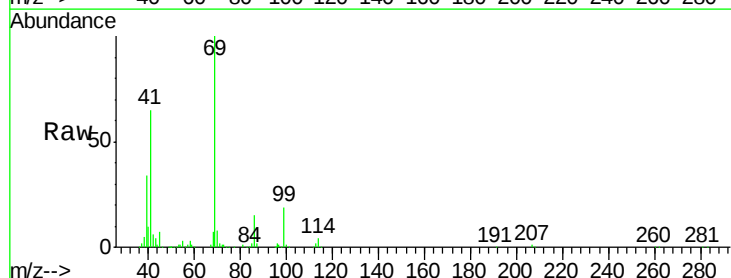
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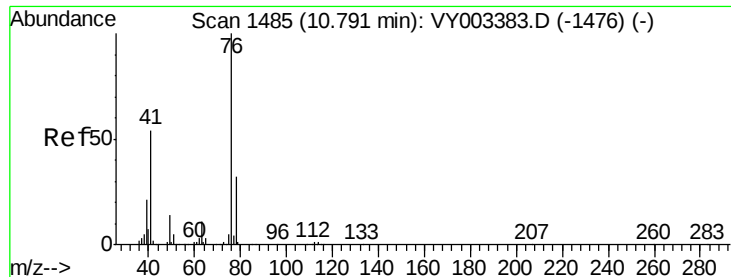
MMDadoda
 8/3/2020 12:37:37 PM



#56
 Ethyl methacrylate
 Concen: 20.371 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		119074		
41	65.1	52.2	78.4		
39	32.4	24.7	37.1		





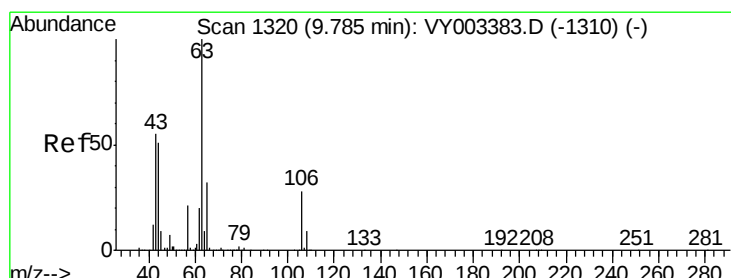
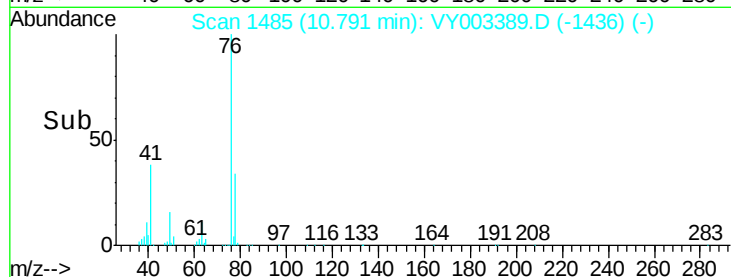
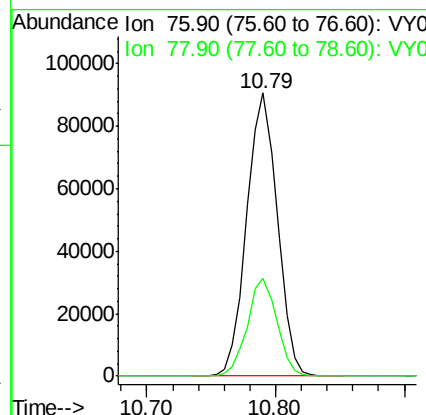
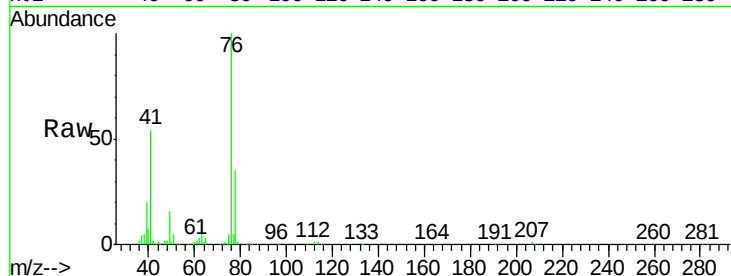
#57
 1,3-Dichloropropane
 Concen: 20.209 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.4	26.1	39.1

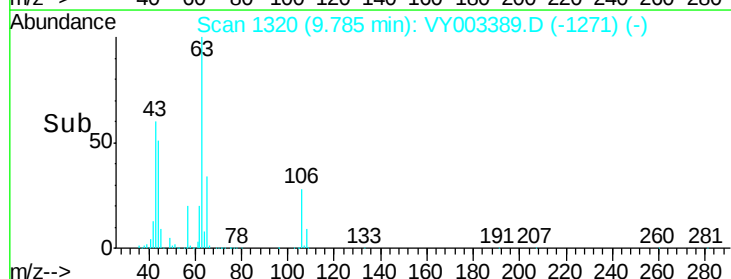
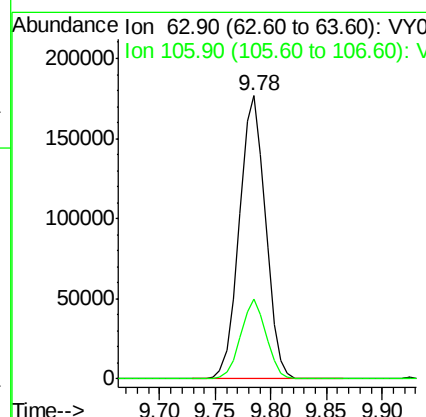
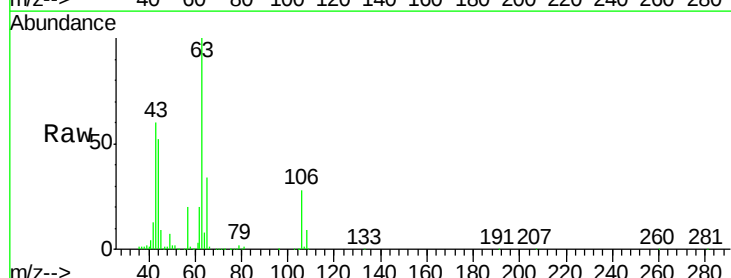
Manual Integrations
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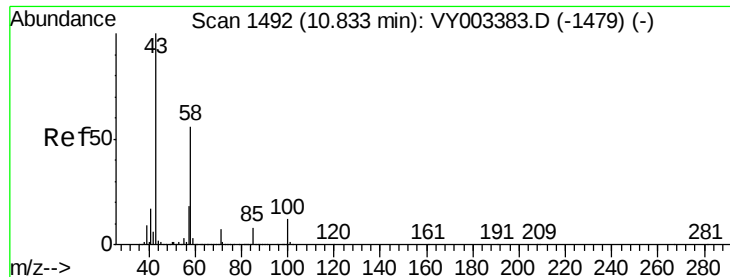
MMDadoda
 8/3/2020 12:37:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.408 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.8	32.6





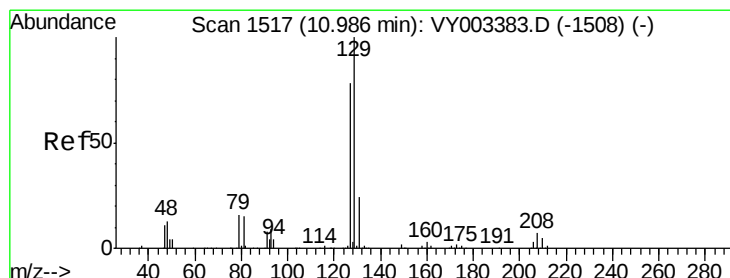
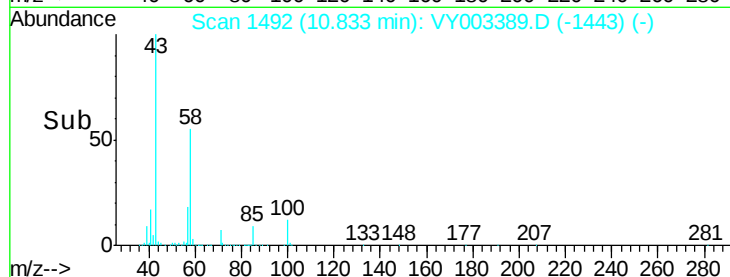
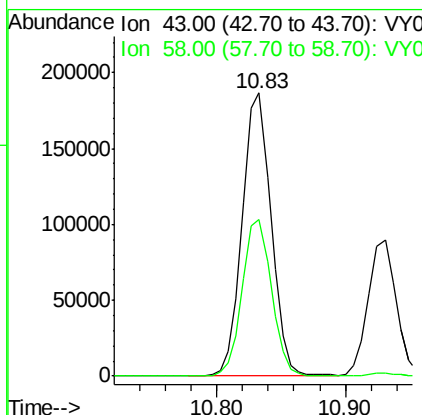
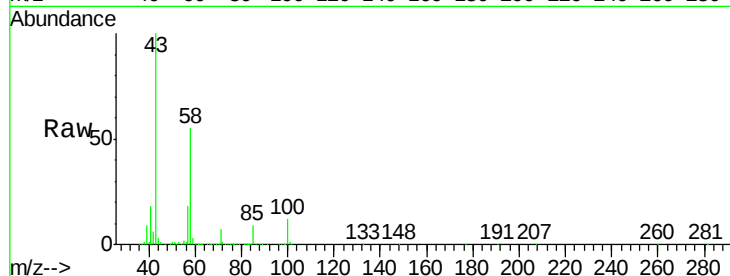
#59
2-Hexanone
Concen: 100.132 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion: 43 Resp: 289798
Ion Ratio Lower Upper
43 100
58 56.2 27.6 82.8

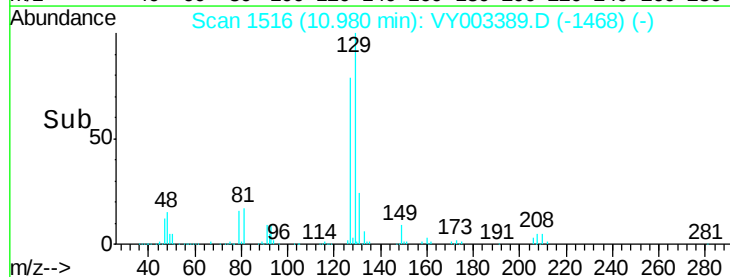
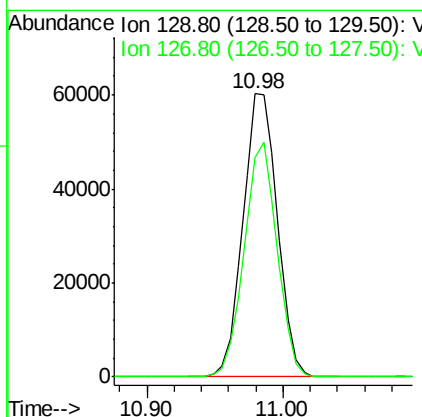
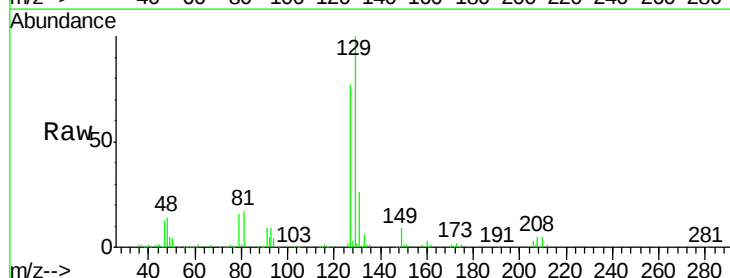
Manual Integrations
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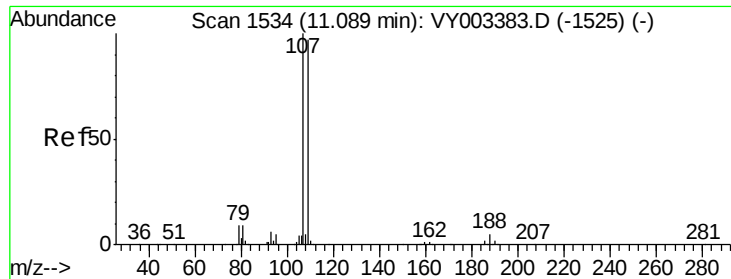
MMDadoda
8/3/2020 12:37:37 PM



#60
Dibromochloromethane
Concen: 20.157 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 129 Resp: 106877
Ion Ratio Lower Upper
129 100
127 79.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 20.522 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 107 Resp: 83944

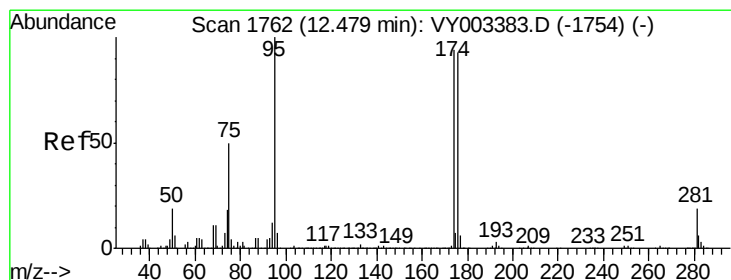
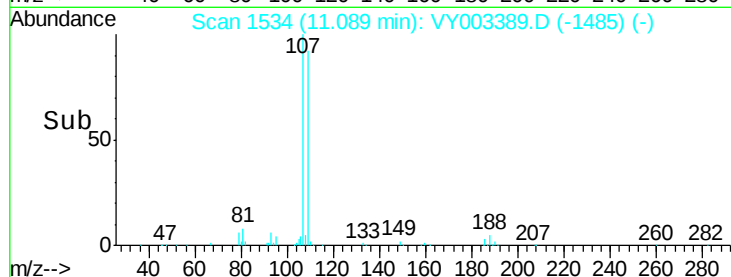
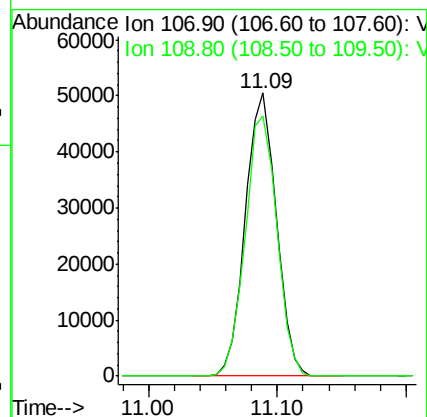
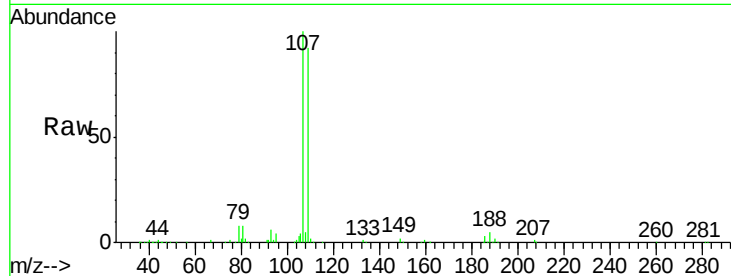
Ion Ratio Lower Upper

107 100

109 93.8 75.5 113.3

Manual Integrations
APPROVED

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8/3/2020 12:37:37 PM



#62

4-Bromofluorobenzene

Concen: 51.444 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

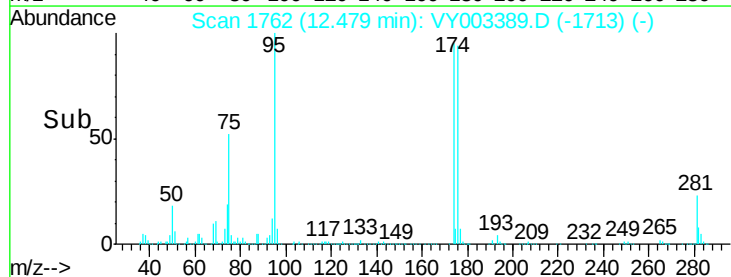
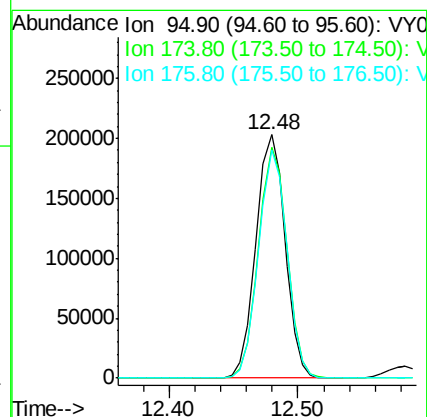
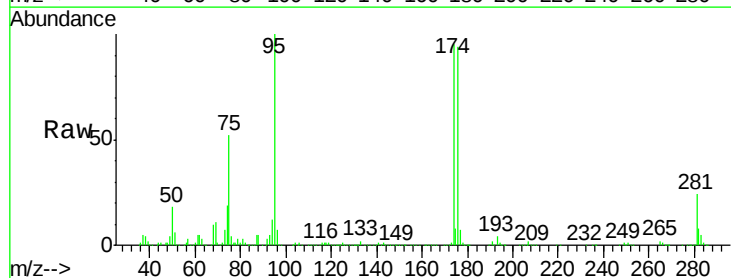
Tgt Ion: 95 Resp: 316358

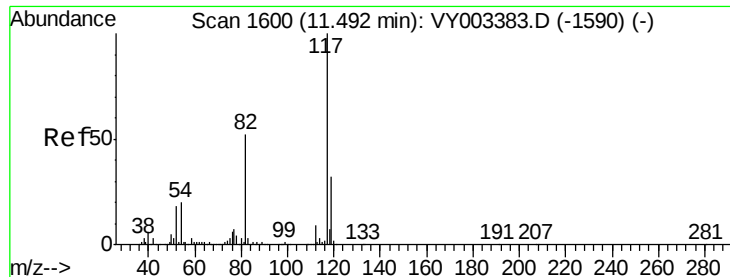
Ion Ratio Lower Upper

95 100

174 93.0 0.0 190.0

176 91.4 0.0 184.4





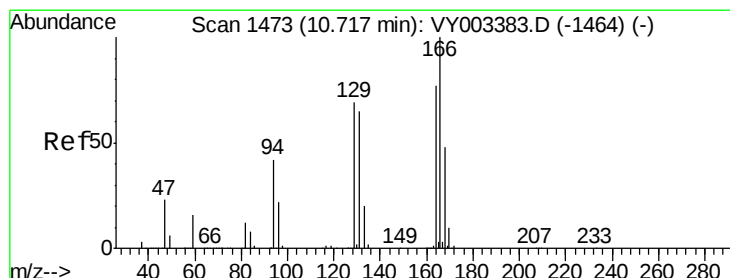
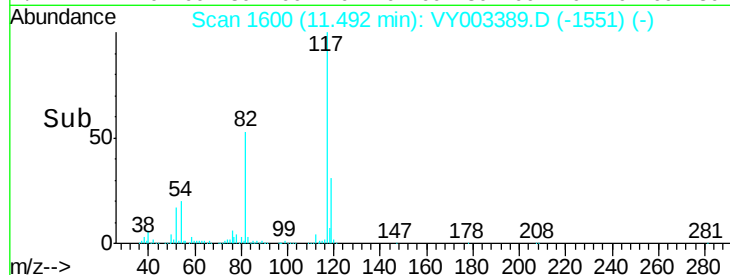
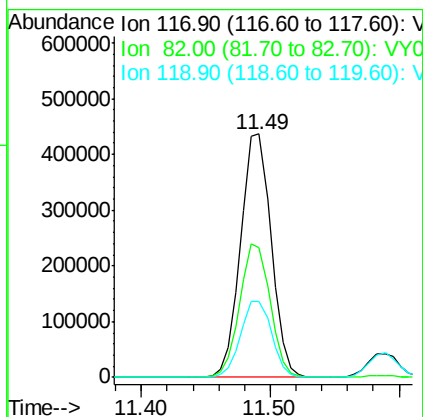
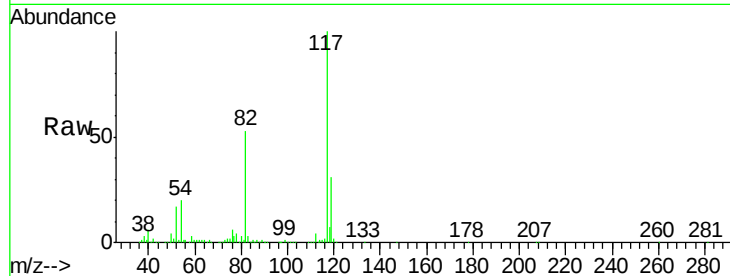
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.1	41.9	62.9
119	31.4	25.4	38.0

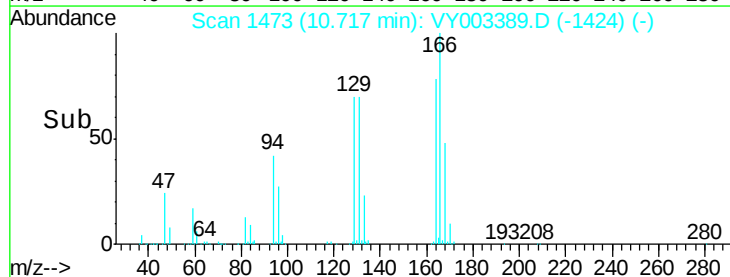
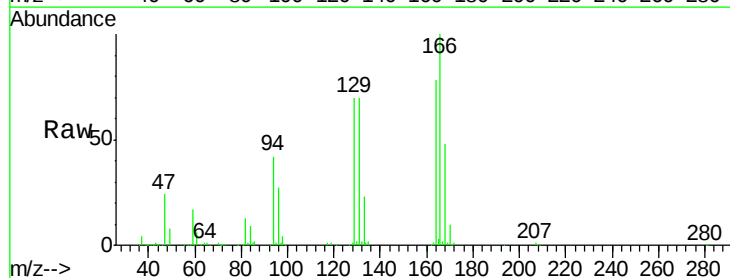
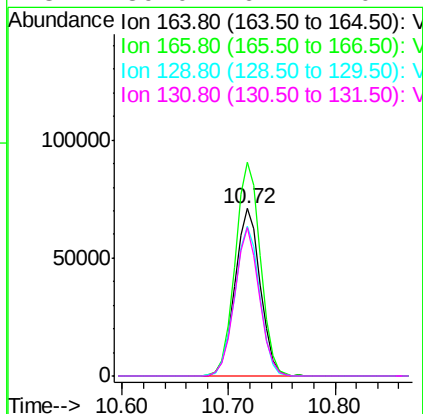
Manual Integrations
APPROVED

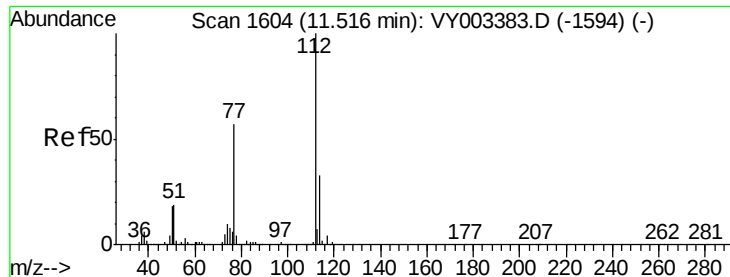
MMDadoda
8/3/2020 12:37:37 PM



#64
Tetrachloroethene
Concen: 19.702 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.7	103.3	154.9
129	89.6	71.2	106.8
131	89.0	67.4	101.2





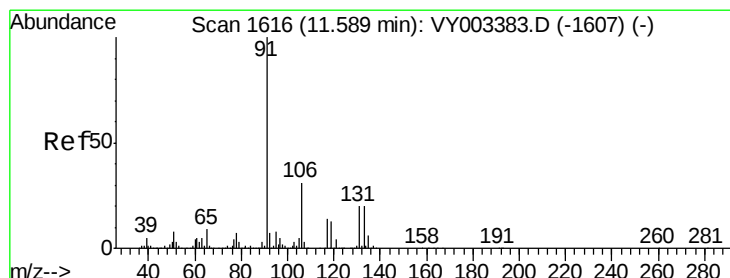
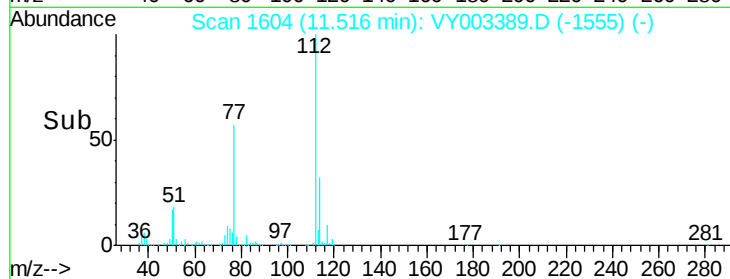
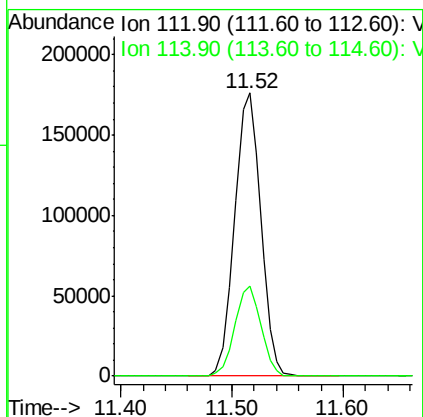
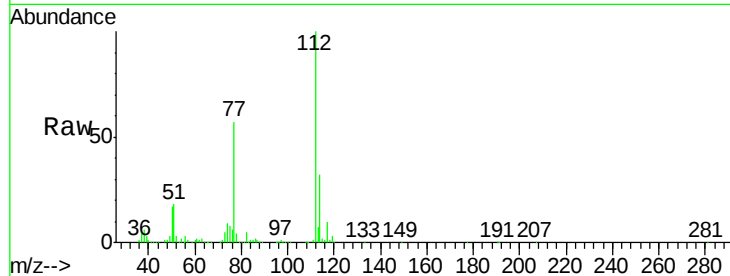
#65
Chlorobenzene
Concen: 20.284 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.1	39.1

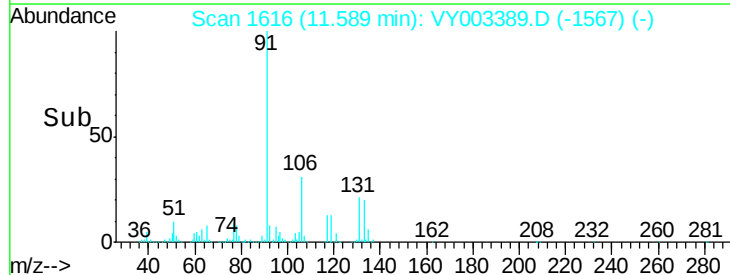
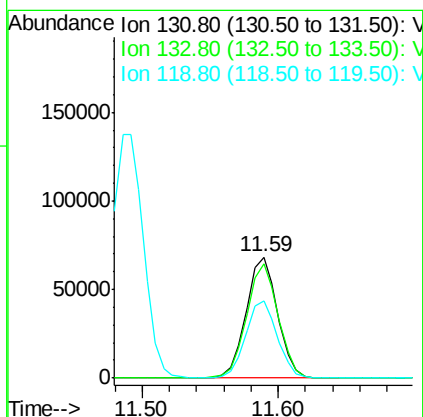
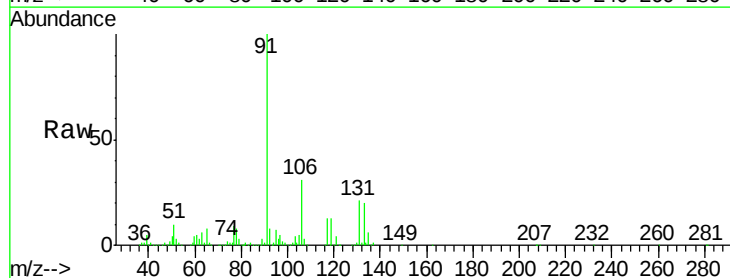
Manual Integrations
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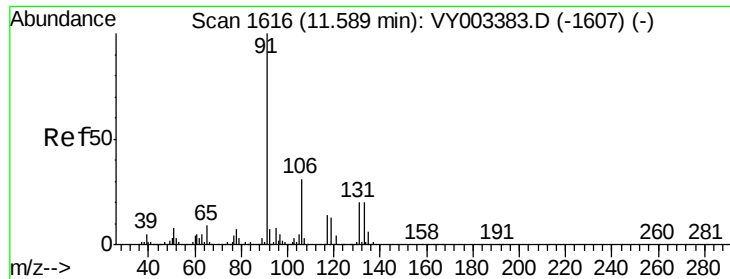
MMDadoda
8/3/2020 12:37:37 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.060 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.1	144.3
119	64.1	32.0	96.2





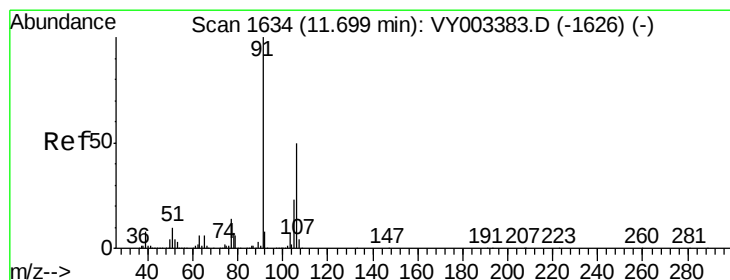
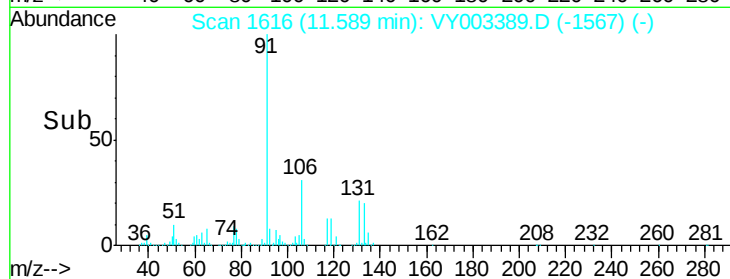
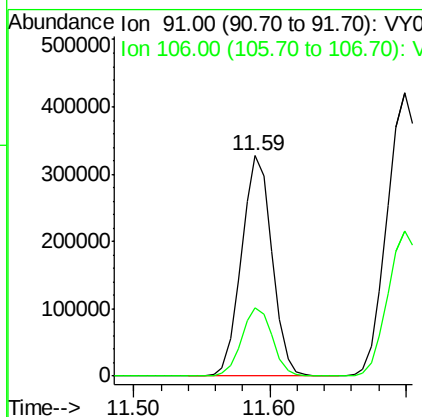
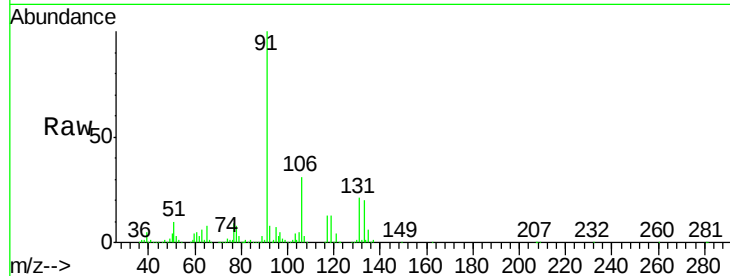
#67
Ethyl Benzene
Concen: 20.181 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion: 91 Resp: 513368
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

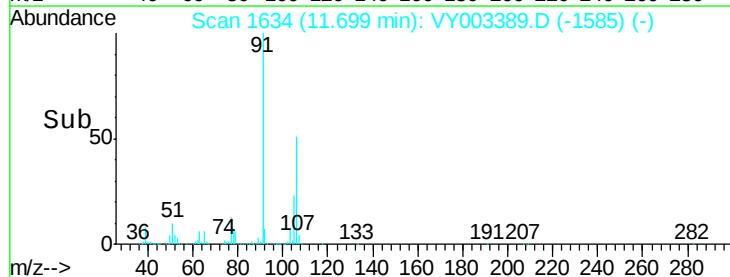
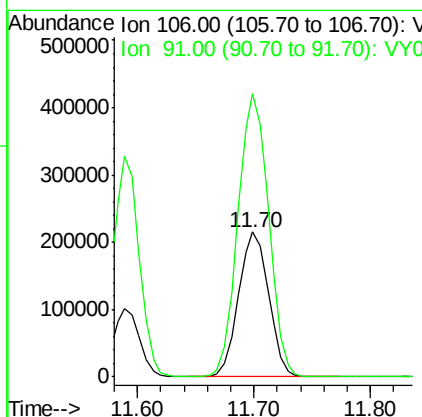
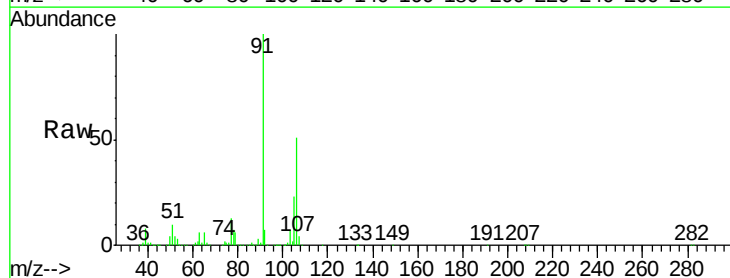
Manual Integrations
APPROVED

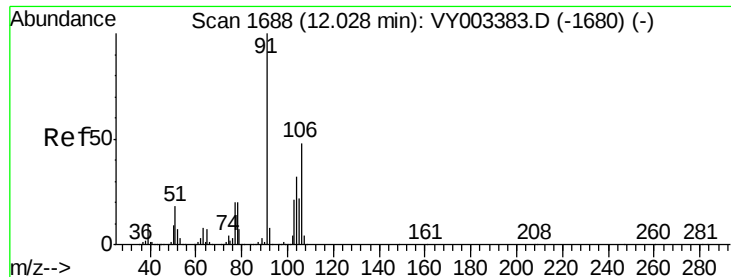
MMDadoda
8/3/2020 12:37:37 PM



#68
m/p-Xylenes
Concen: 40.557 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 106 Resp: 388937
Ion Ratio Lower Upper
106 100
91 199.0 161.0 241.6





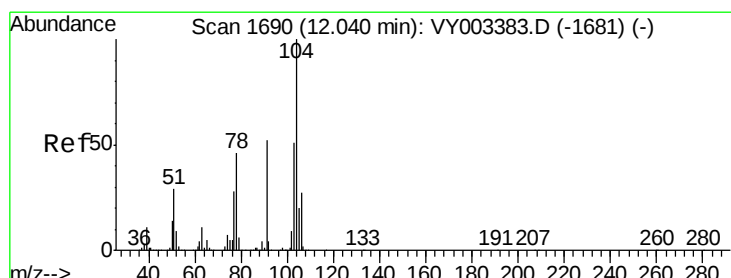
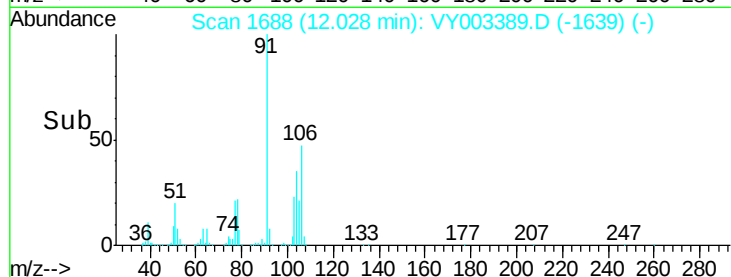
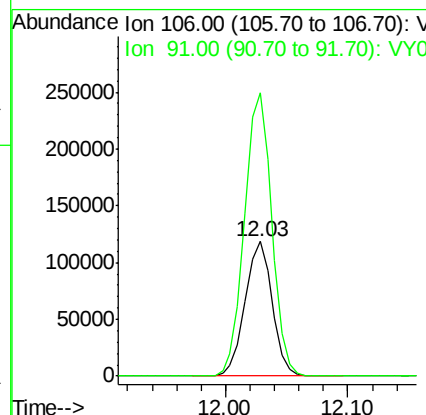
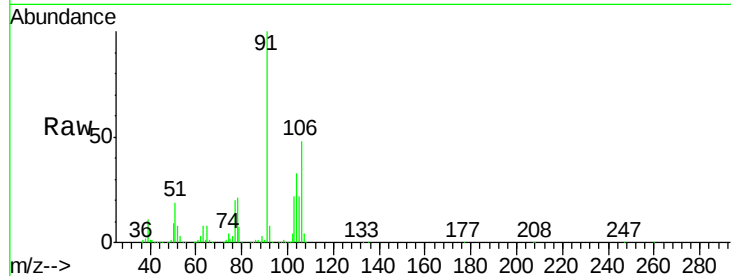
#69
o-Xylene
Concen: 20.317 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ion	Ratio	Lower	Upper
182395	106	100		
	91	211.2	104.6	313.7

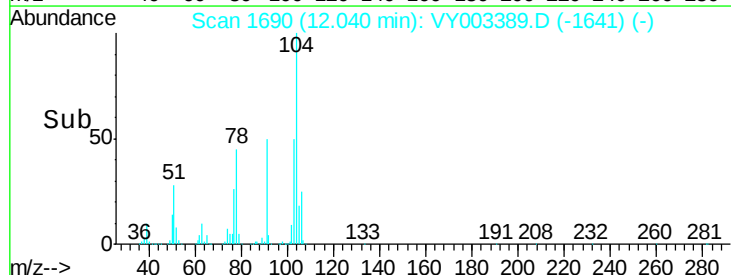
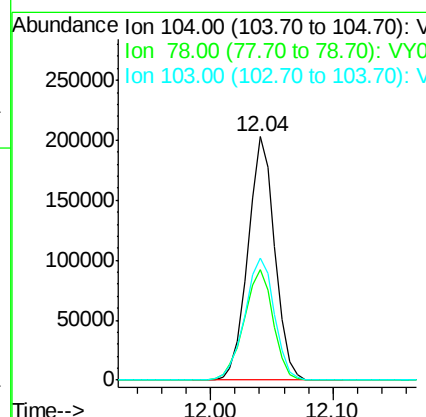
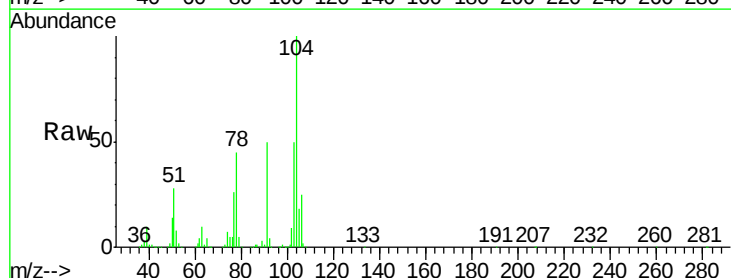
Manual Integrations
APPROVED

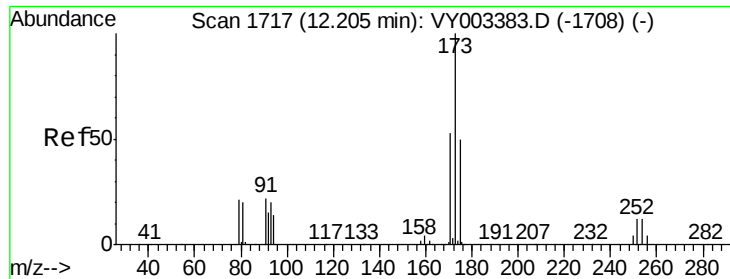
MMDadoda
8/3/2020 12:37:37 PM



#70
Styrene
Concen: 20.149 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ion	Ratio	Lower	Upper
309503	104	100		
	78	49.3	39.3	58.9
	103	55.4	43.7	65.5





#71

Bromoform

Concen: 20.087 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion:173 Resp: 71628

Ion Ratio Lower Upper

173 100

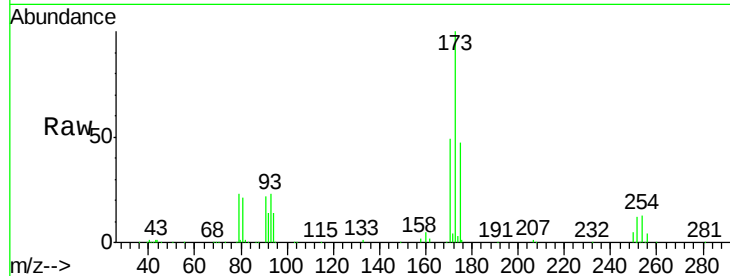
175 48.2 24.1 72.2

254 0.1 0.2 0.2#

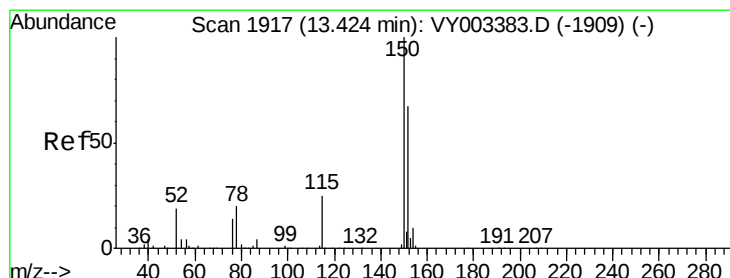
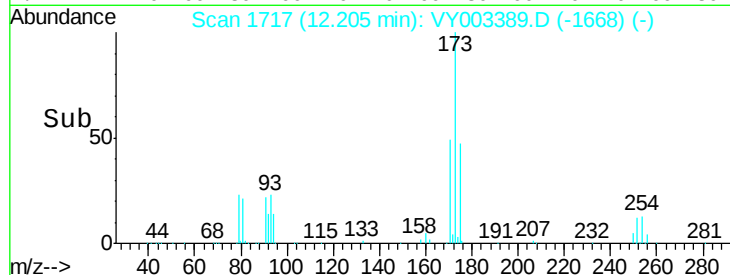
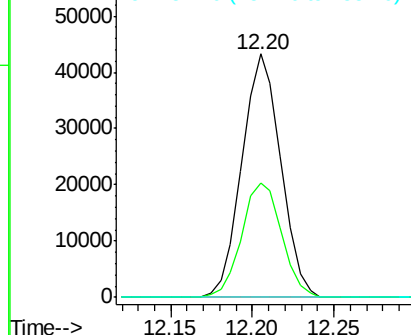
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

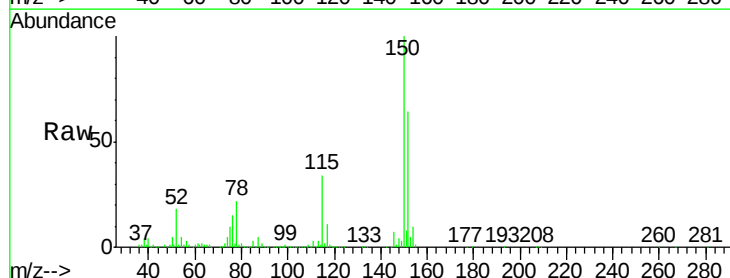
Tgt Ion:152 Resp: 383587

Ion Ratio Lower Upper

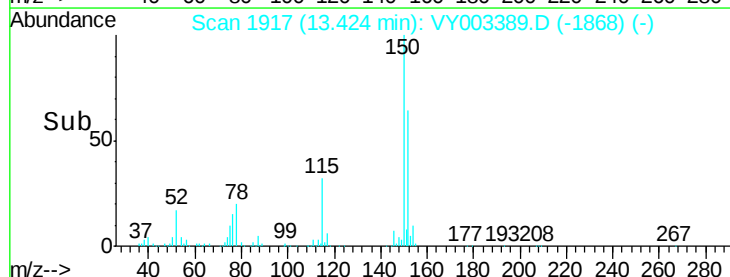
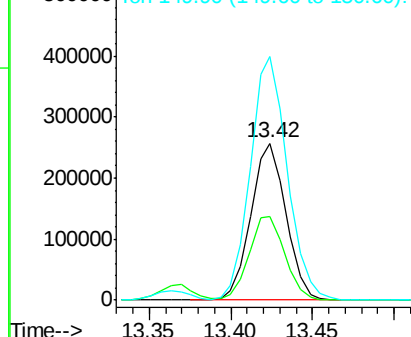
152 100

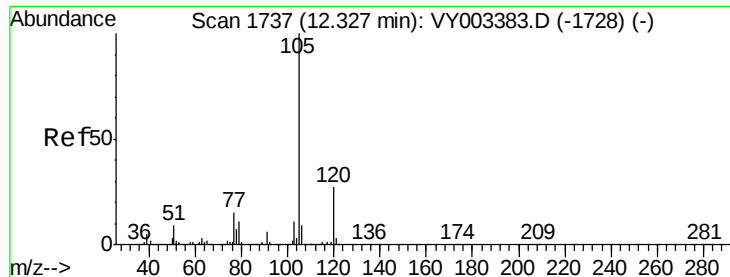
115 54.4 27.2 81.5

150 163.8 0.0 346.8



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





#73

Isopropylbenzene

Concen: 19.970 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampled :

VY0731SBS01

Tot Ion: 105 Resp: 495080

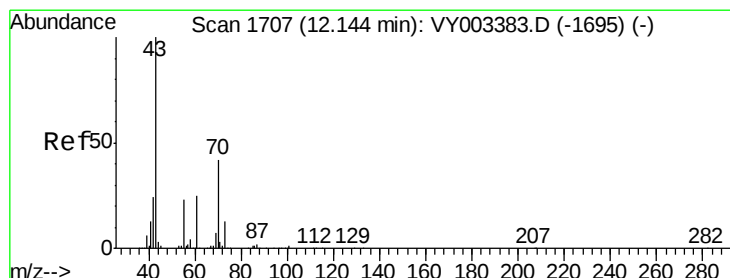
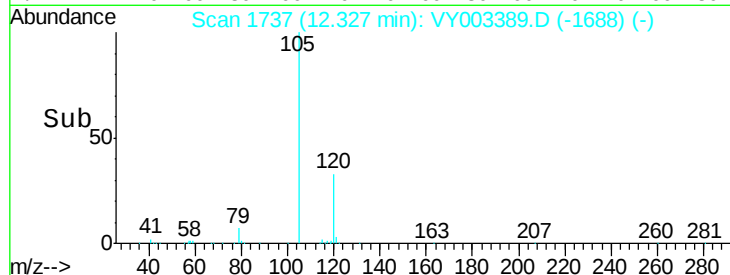
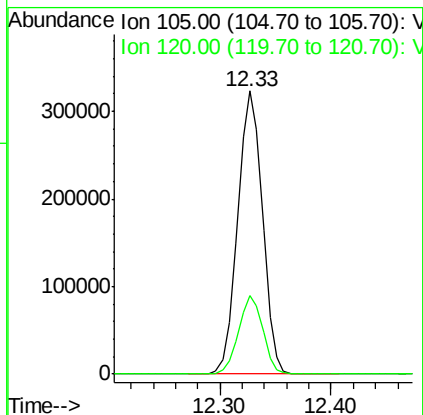
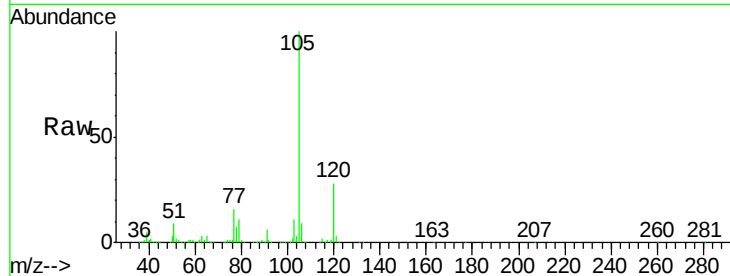
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.743 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Tgt Ion: 43 Resp: 144262

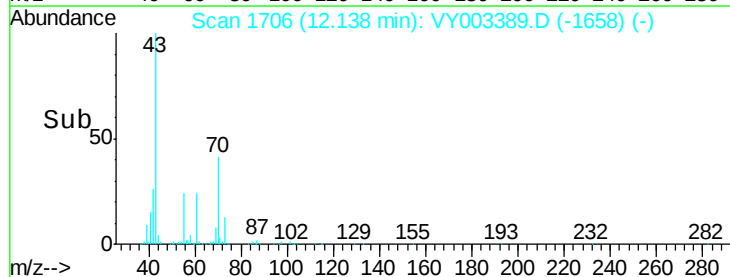
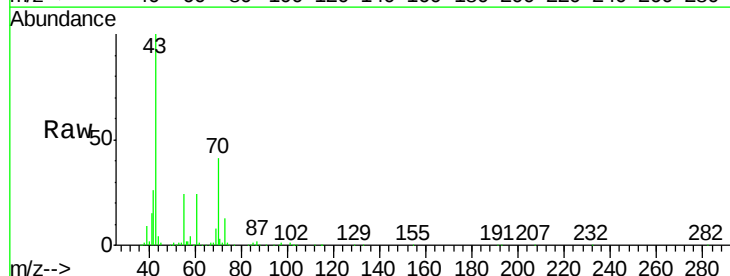
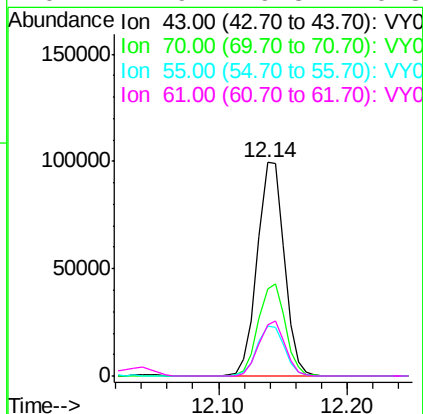
Ion Ratio Lower Upper

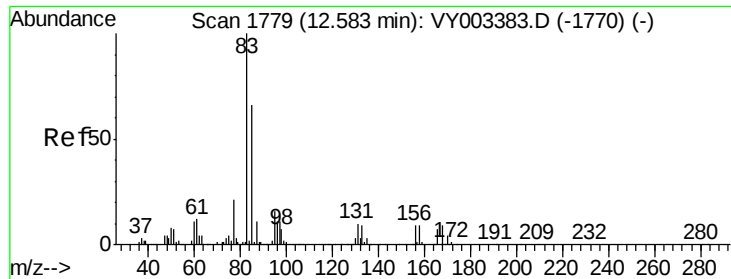
43 100

70 43.1 33.6 50.4

55 24.0 18.5 27.7

61 24.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.411 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

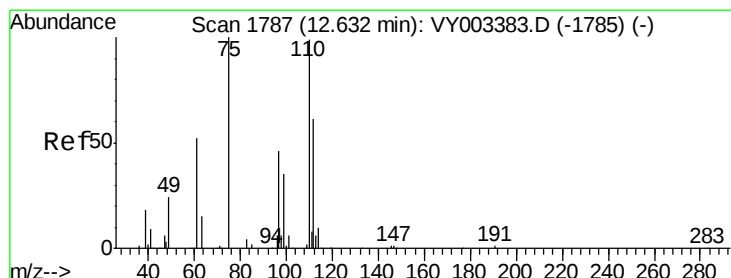
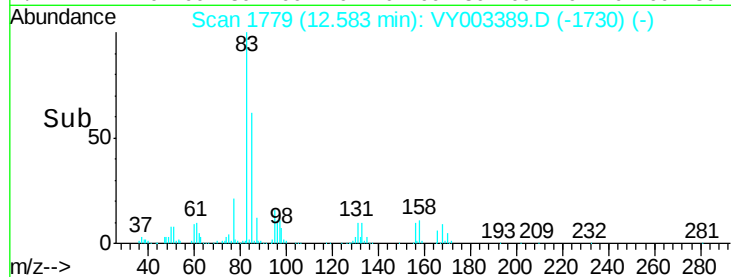
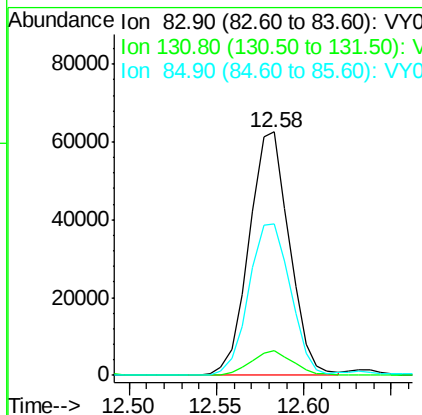
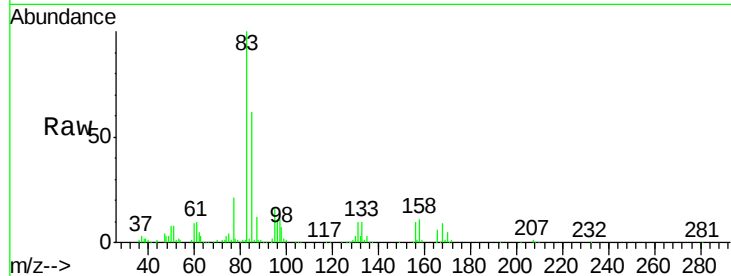
ClientSampleId :

VY0731SBS01

Tot Ion:	83	Resp:	100229
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.5	31.9	95.5

Manual Integrations
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8/3/2020 12:37:37 PM



#76

1,2,3-Trichloropropane

Concen: 19.891 ug/l m

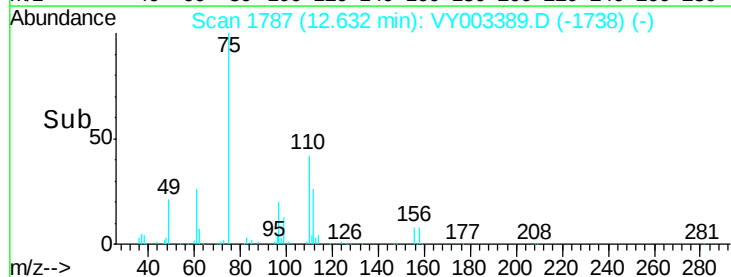
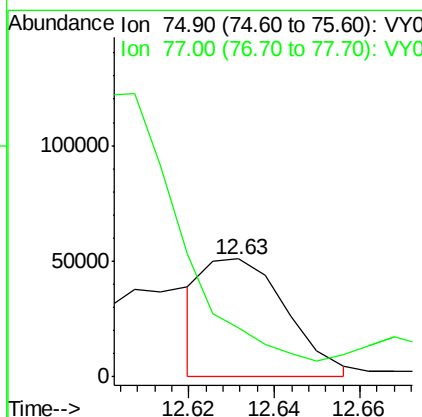
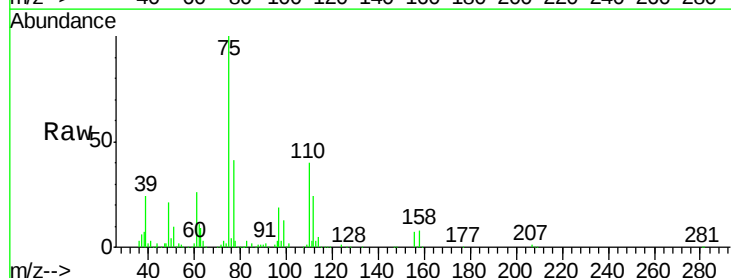
RT: 12.63 min Scan# 1787

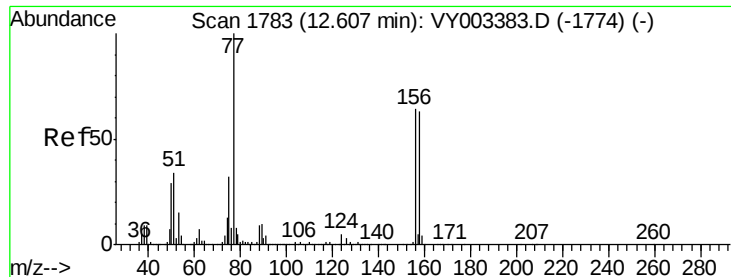
Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Tgt Ion:	75	Resp:	68543
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.996 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

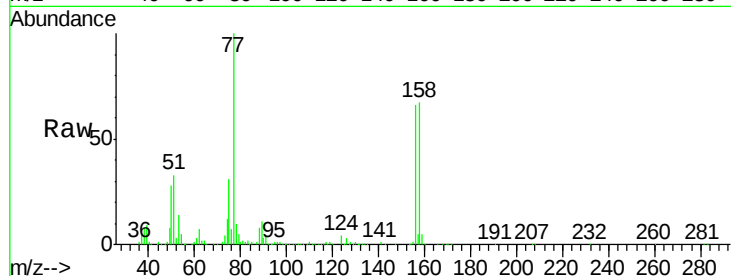
ClientSampleId :

VY0731SBS01

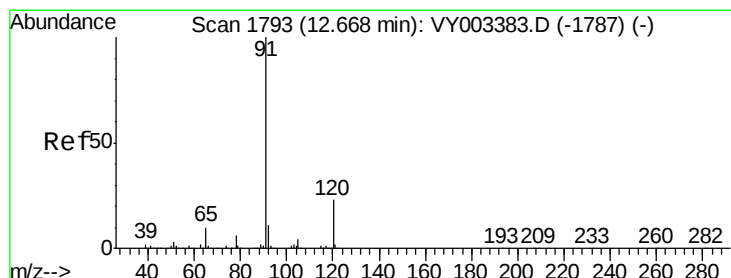
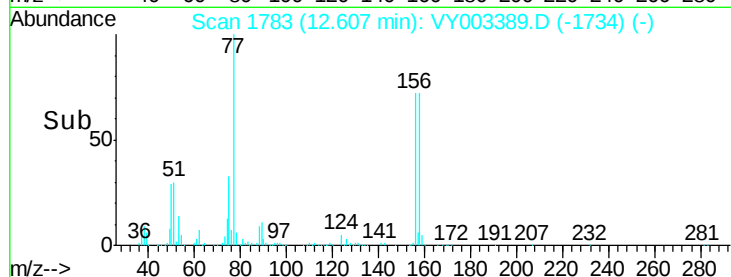
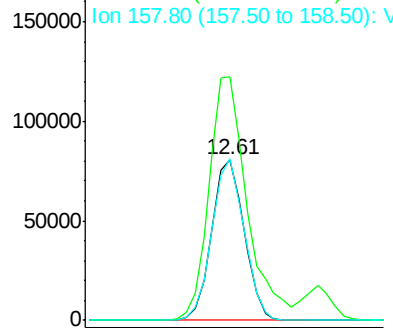
Tot Ion:	156	Resp:	125956
Ion Ratio	Lower	Upper	
156	100		
77	177.4	87.5	262.5
158	99.5	48.7	146.1

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Abundance Ion 155.80 (155.50 to 156.50): VY003383.D (-1774) (-)



#78

n-propylbenzene

Concen: 20.265 ug/l

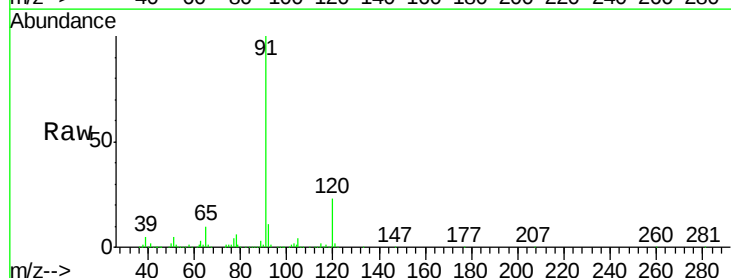
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

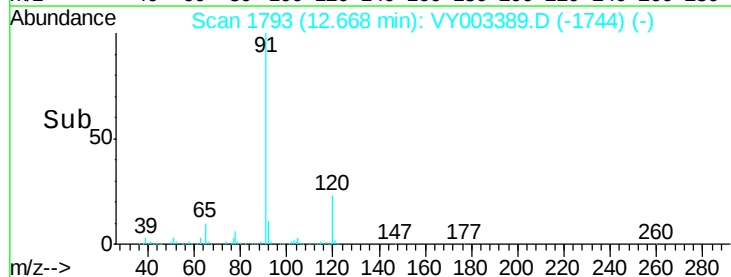
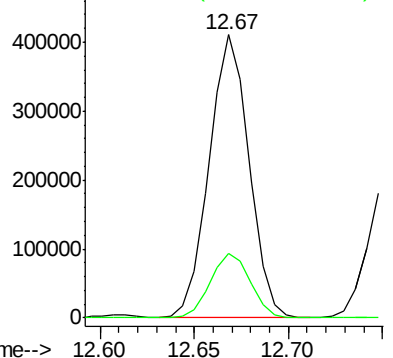
Lab File: VY003389.D

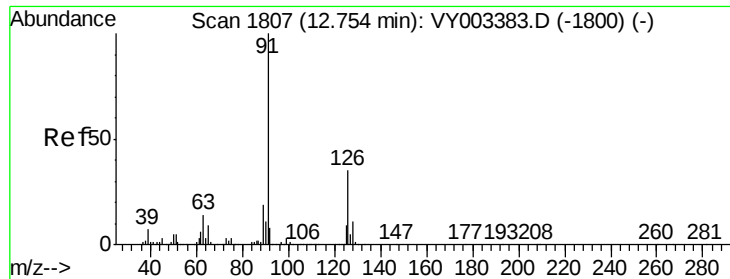
Acq: 31 Jul 2020 15:09

Tgt Ion:	91	Resp:	601291
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.6	34.8



Abundance Ion 91.00 (90.70 to 91.70): VY003383.D (-1787) (-)





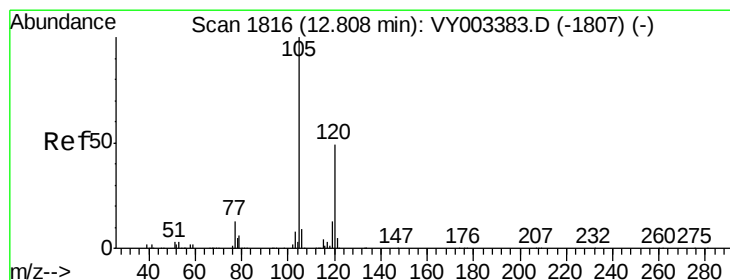
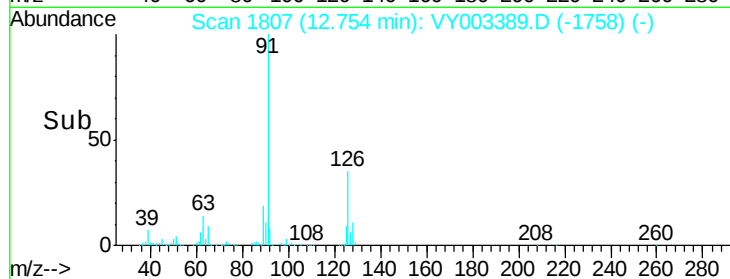
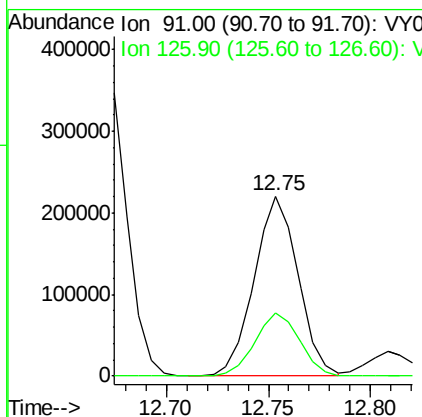
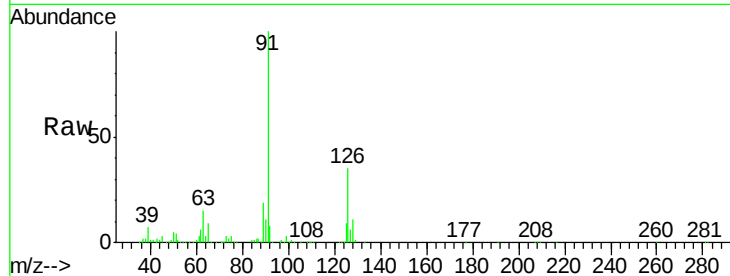
#79
 2-Chlorotoluene
 Concen: 20.056 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion: 91 Resp: 330174
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.7

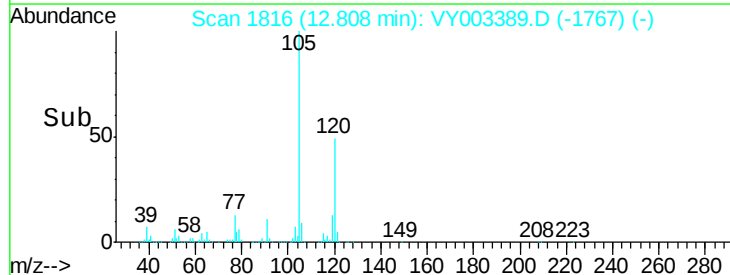
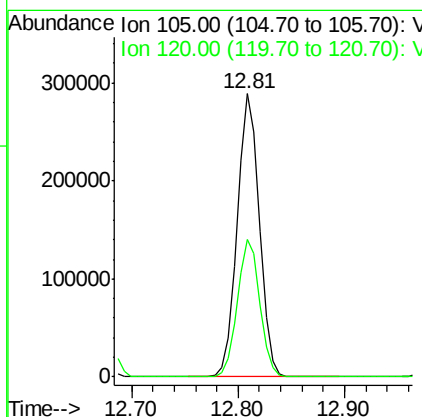
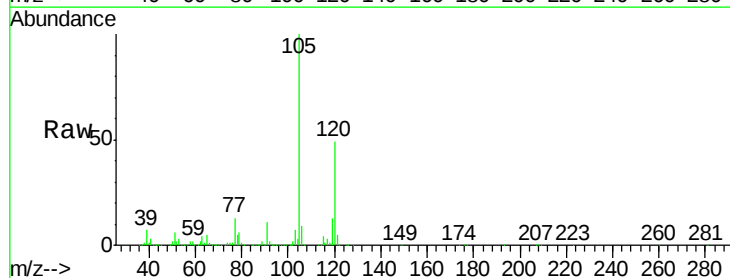
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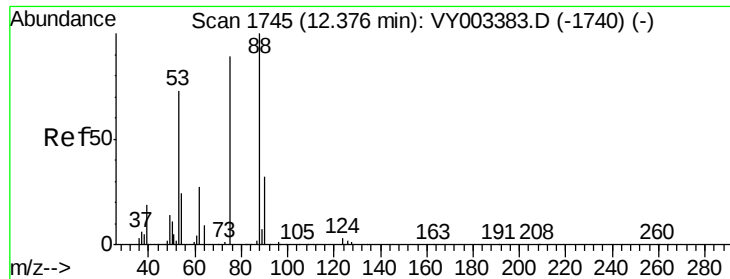
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.280 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion: 105 Resp: 422118
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.185 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 75 Resp: 36779

Ion Ratio Lower Upper

75 100

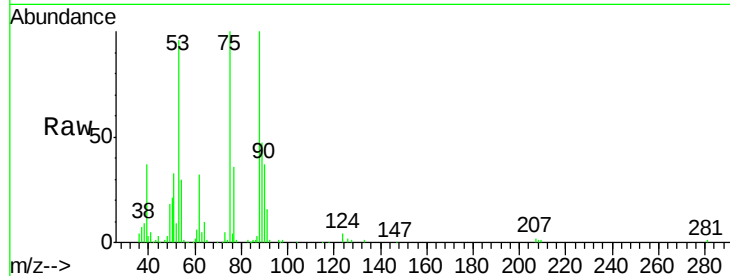
53 85.9 69.5 104.3

89 43.5 33.8 50.6

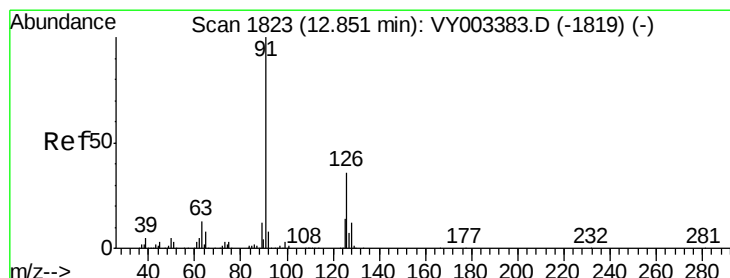
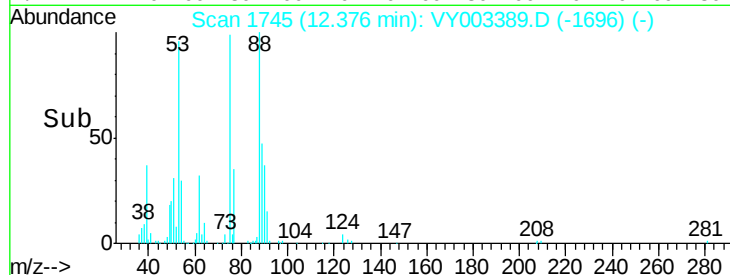
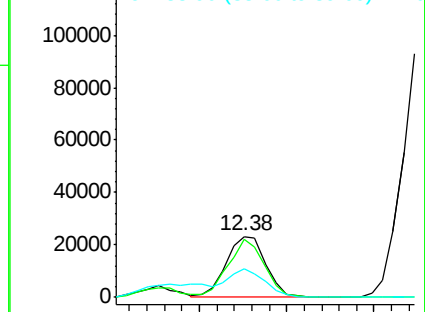
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Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.461 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003389.D

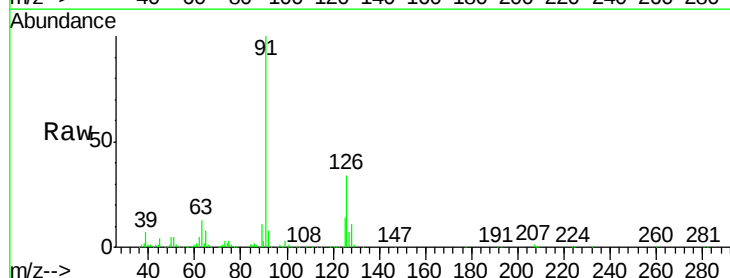
Acq: 31 Jul 2020 15:09

Tgt Ion: 91 Resp: 350032

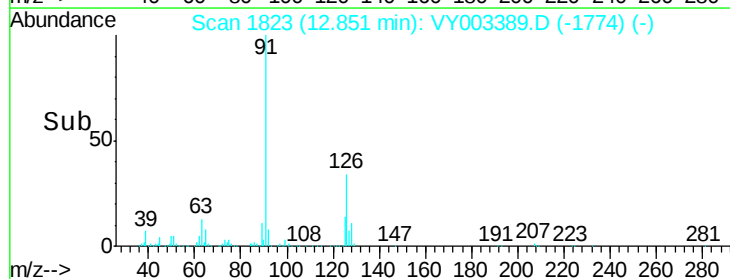
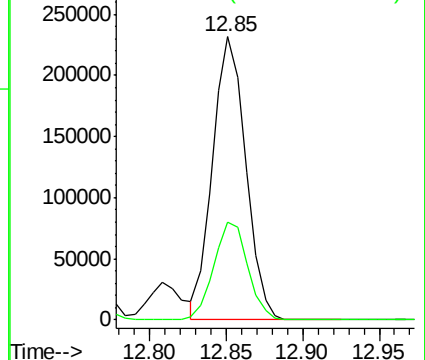
Ion Ratio Lower Upper

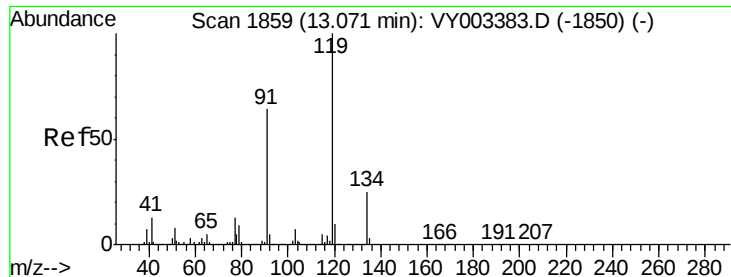
91 100

126 35.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.128 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

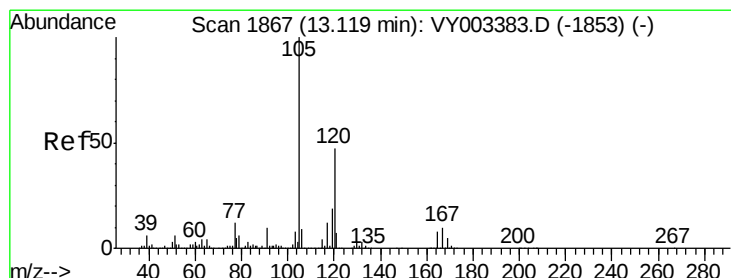
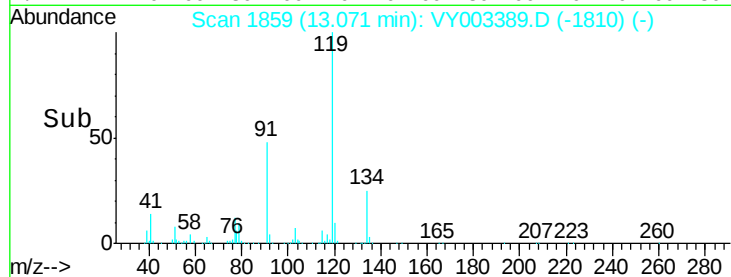
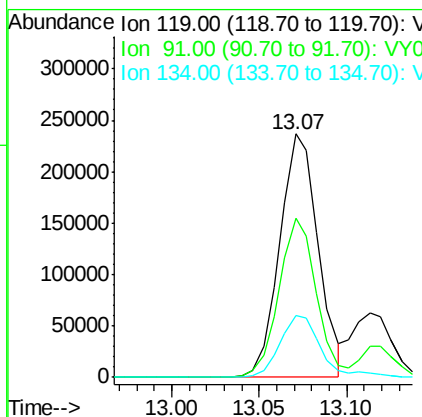
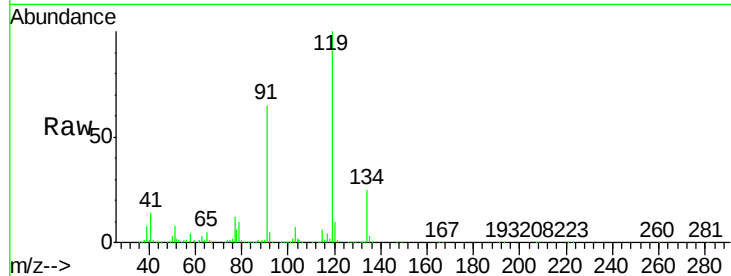
ClientSampleId :

VY0731SBS01

Tot Ion:119	Resp:	363720
Ion Ratio	Lower	Upper
119	100	
91	63.8	31.8 95.3
134	27.4	13.6 40.8

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#84

1,2,4-Trimethylbenzene

Concen: 20.305 ug/l

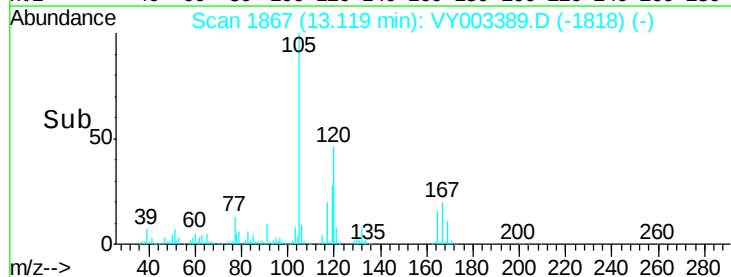
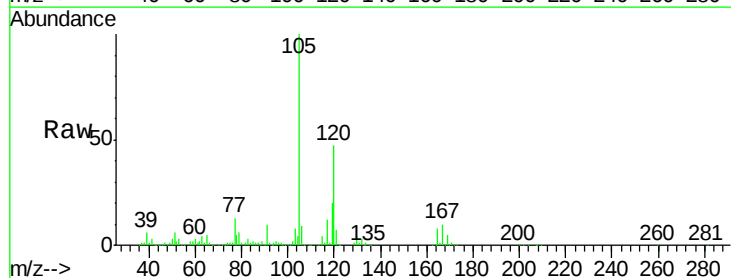
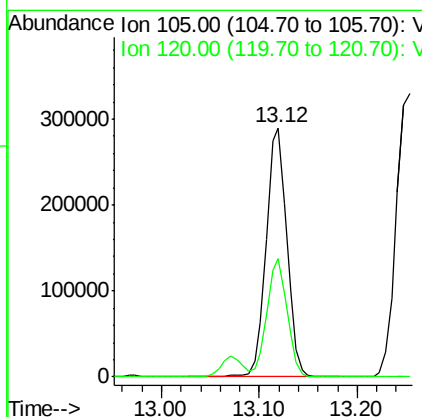
RT: 13.12 min Scan# 1867

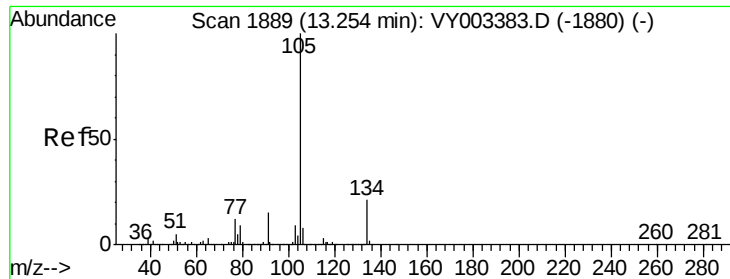
Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Tgt Ion:105	Resp:	424800
Ion Ratio	Lower	Upper
105	100	
120	46.5	23.4 70.3





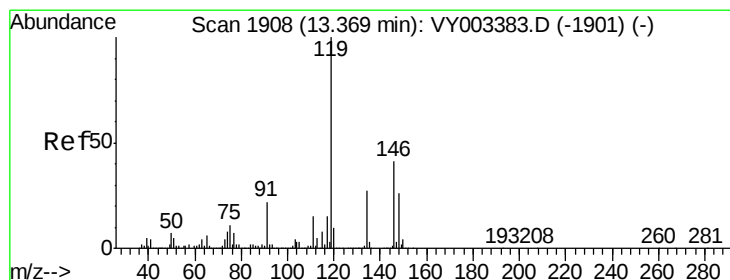
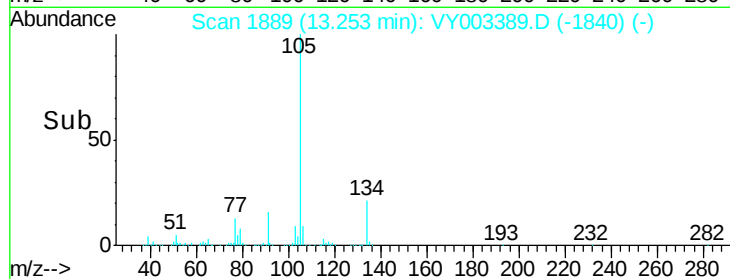
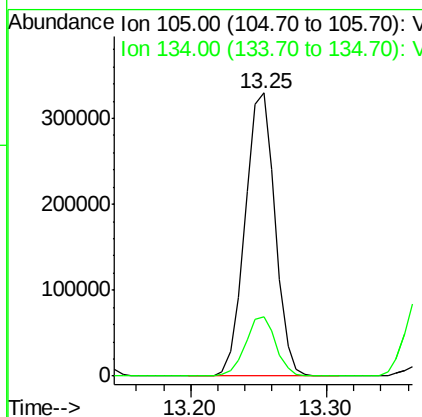
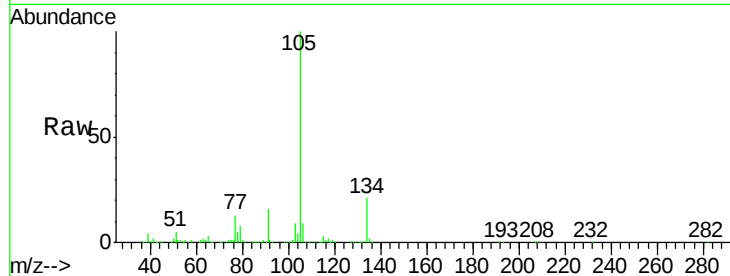
#85
 sec-Butylbenzene
 Concen: 20.171 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.4	31.4

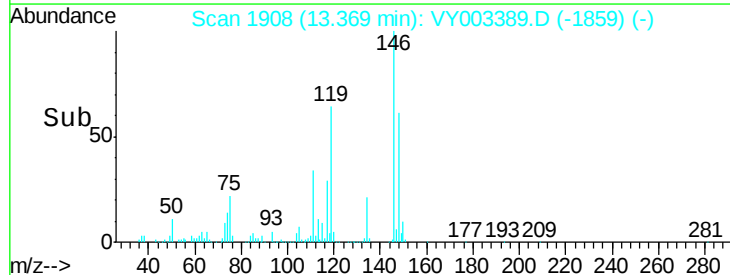
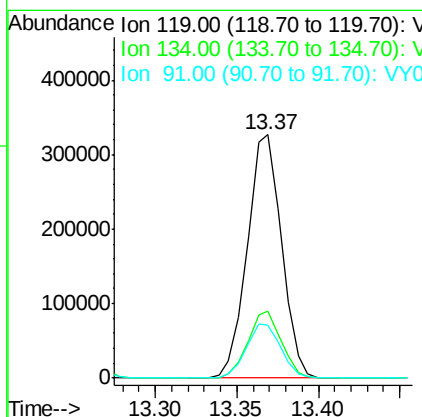
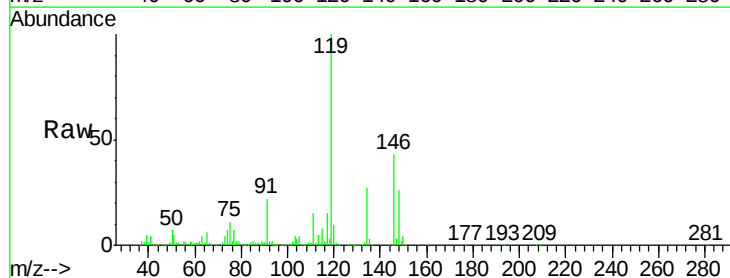
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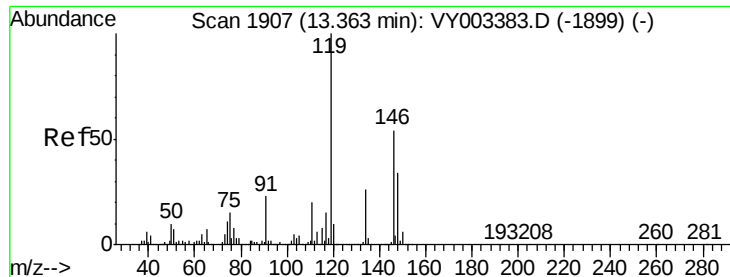
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#86
 p-Isopropyltoluene
 Concen: 20.266 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	22.6	11.4	34.1





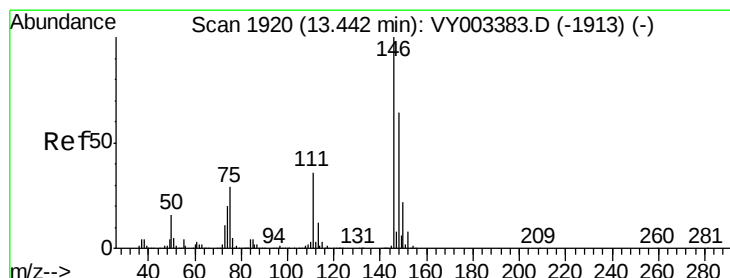
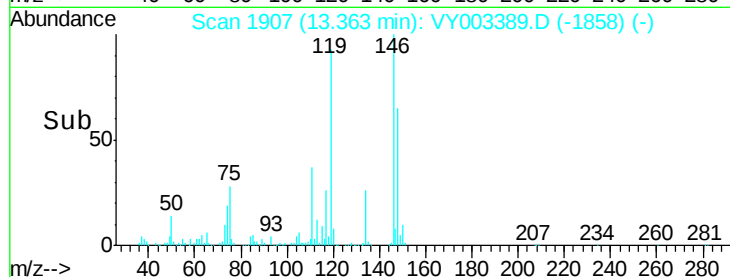
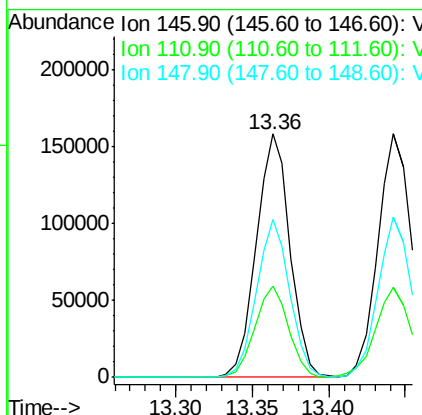
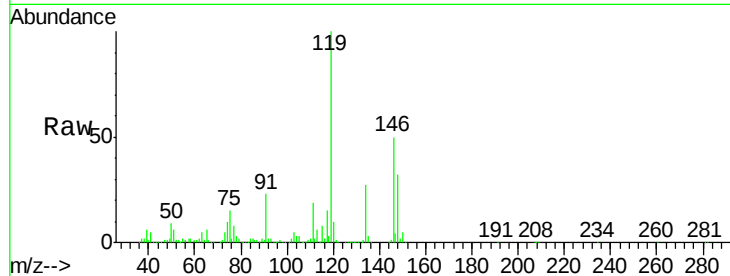
#87
 1,3-Dichlorobenzene
 Concen: 20.156 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	242525		
111	37.3	18.8	56.4	
148	63.9	31.9	95.9	

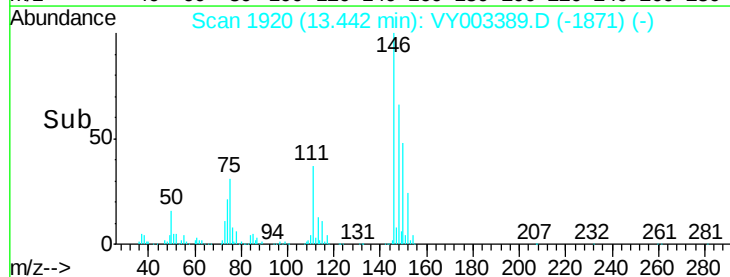
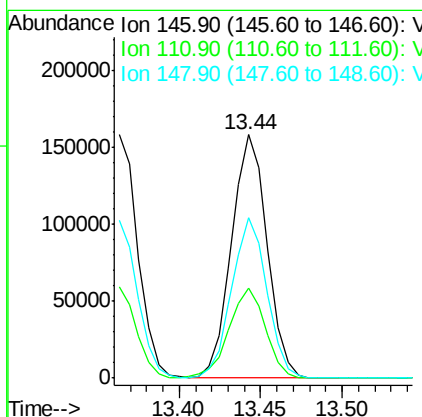
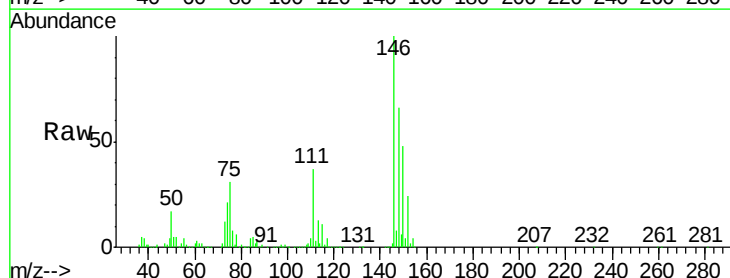
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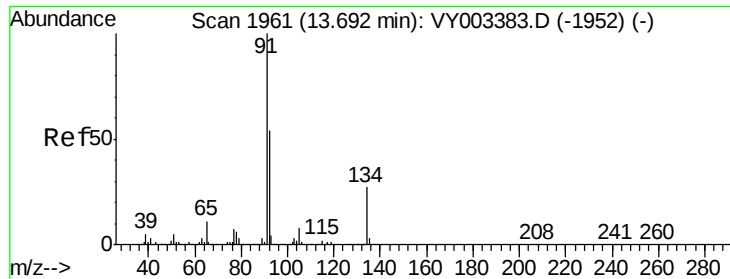
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#88
 1,4-Dichlorobenzene
 Concen: 20.299 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	240815		
111	37.7	18.1	54.3	
148	65.5	32.1	96.3	





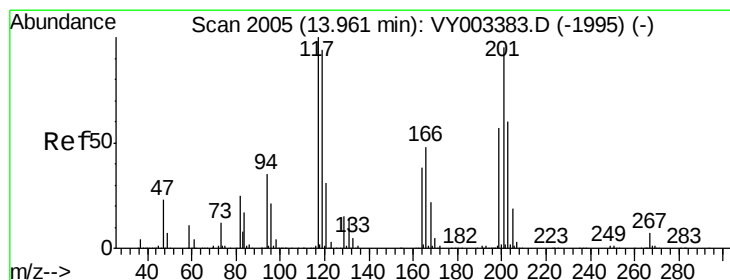
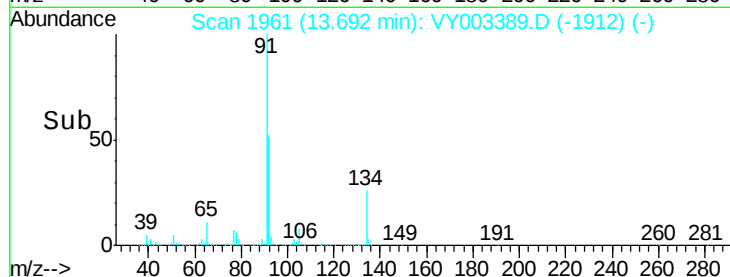
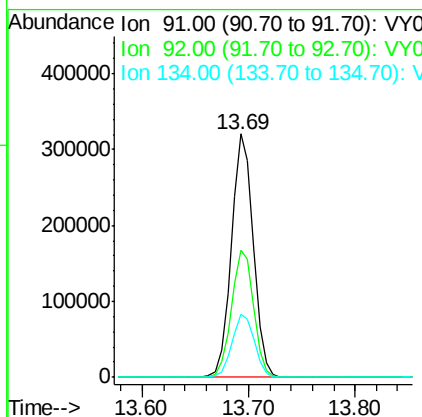
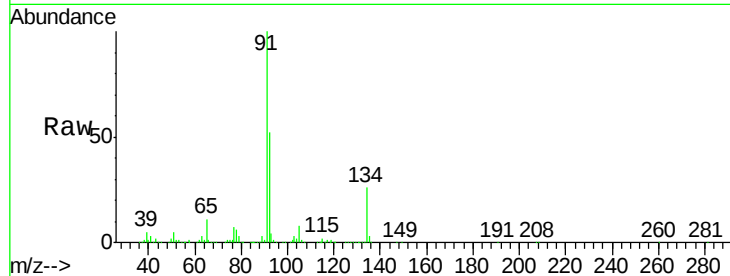
#89
n-Butylbenzene
Concen: 20.730 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.9	80.6
134	26.5	13.6	40.7

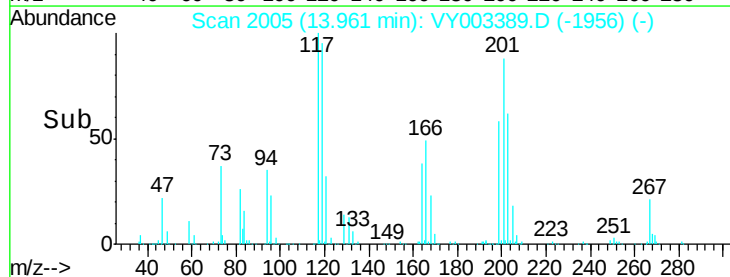
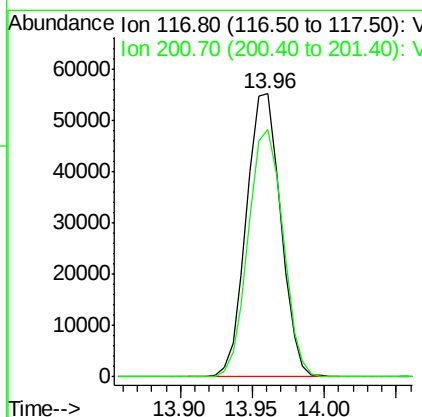
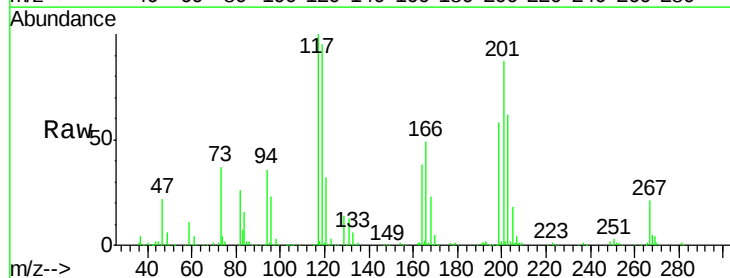
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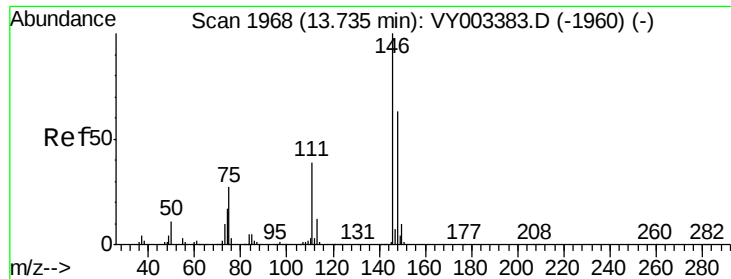
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#90
Hexachloroethane
Concen: 20.314 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.0	44.7	134.1





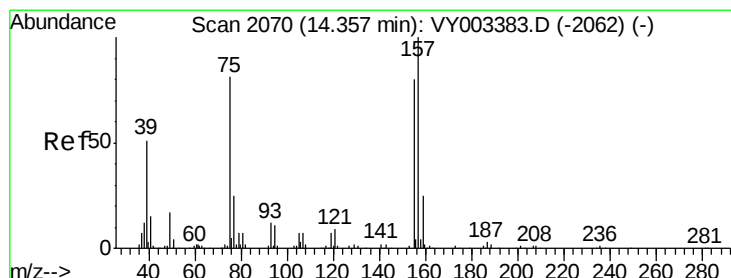
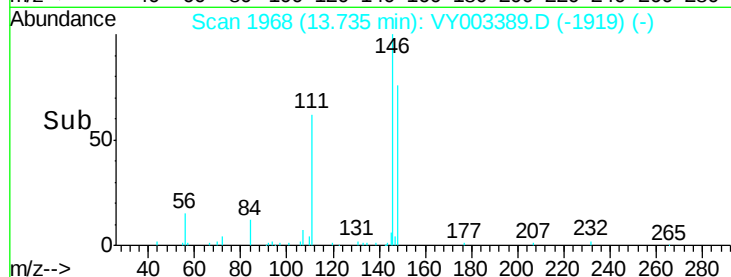
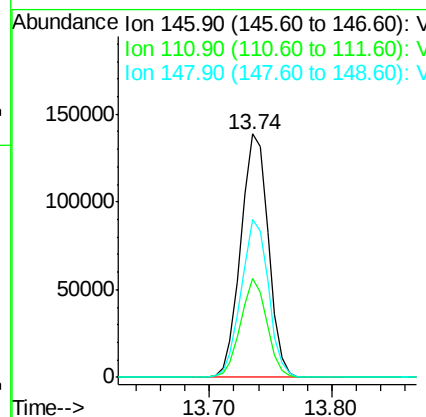
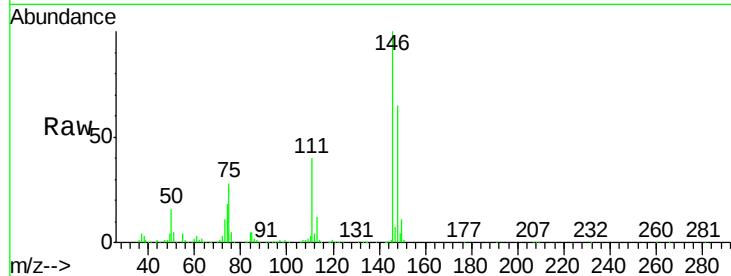
#91
 1,2-Dichlorobenzene
 Concen: 20.318 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampled :
 VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	215799		
111	38.6		19.2	57.6
148	64.5		32.1	96.5

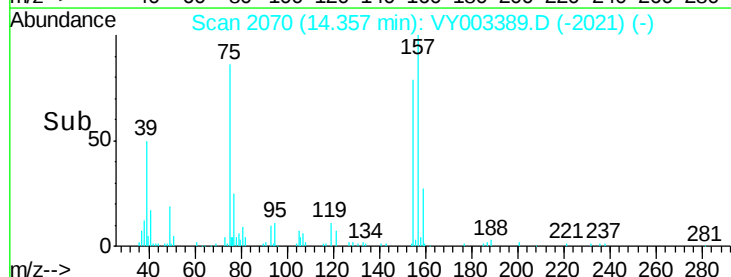
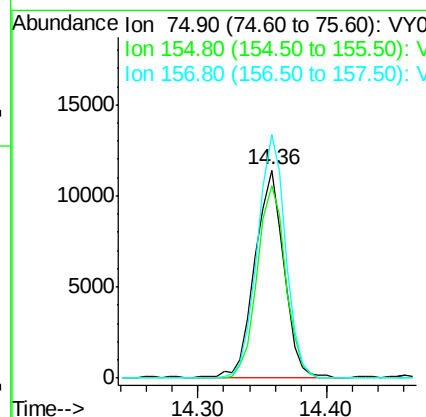
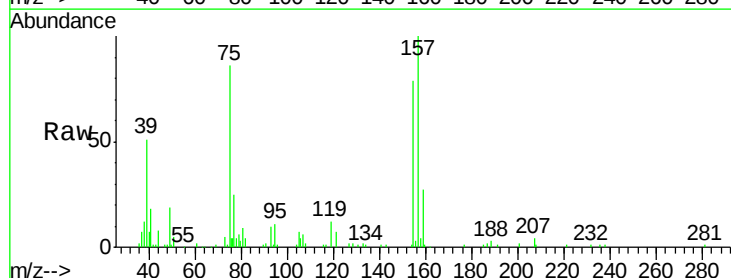
Manual Integrations
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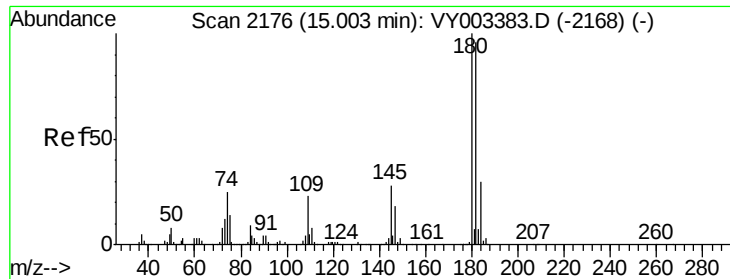
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.356 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17687		
155	90.6		48.8	146.4
157	112.9		60.9	182.6





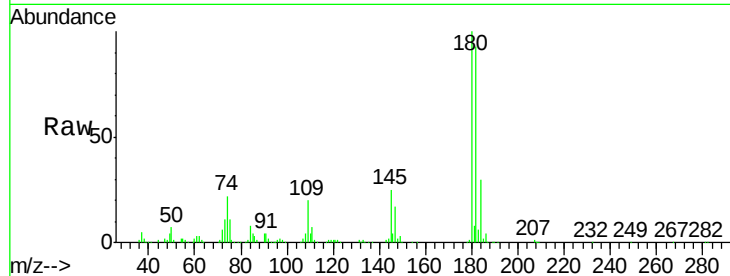
#93
 1,2,4-Trichlorobenzene
 Concen: 21.155 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

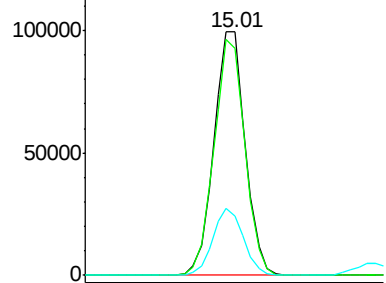
Tot Ion	Ratio	Resp	Lower	Upper
180	100	159231		
182	95.7	48.2	144.6	
145	27.1	13.8	41.3	

Manual Integrations
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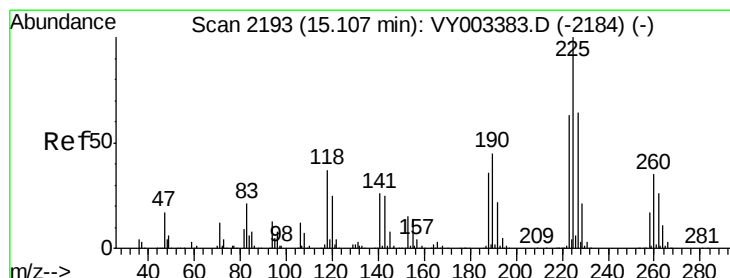
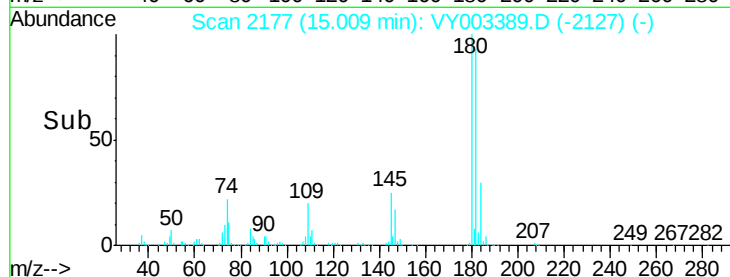
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

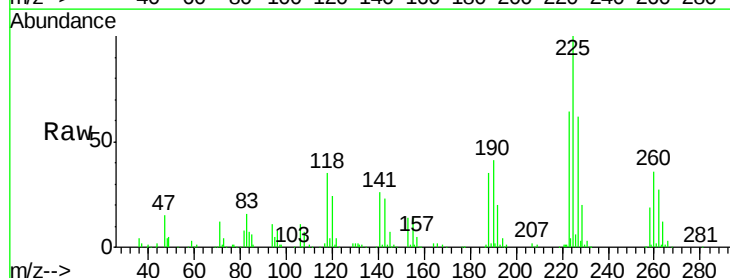


Time--> 14.90 15.00 15.10

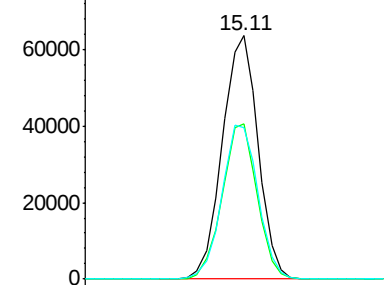


#94
 Hexachlorobutadiene
 Concen: 20.733 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

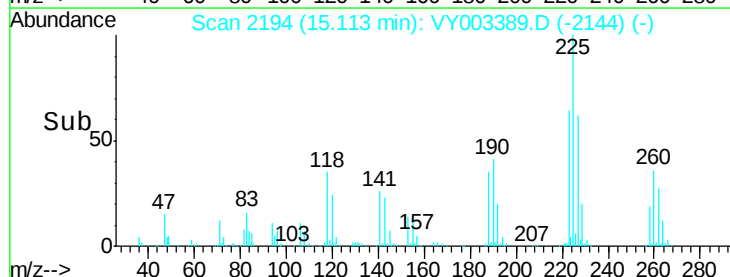
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103346		
223	62.3	31.6	94.8	
227	63.9	32.0	96.2	

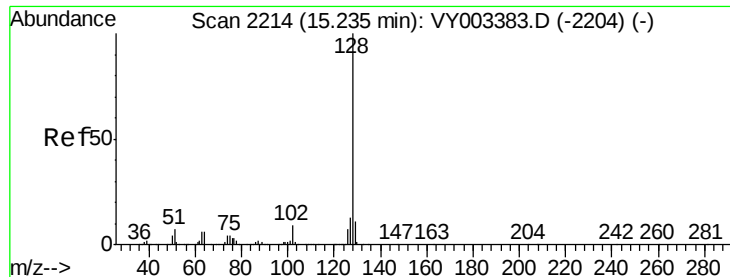


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time--> 15.05 15.10 15.15





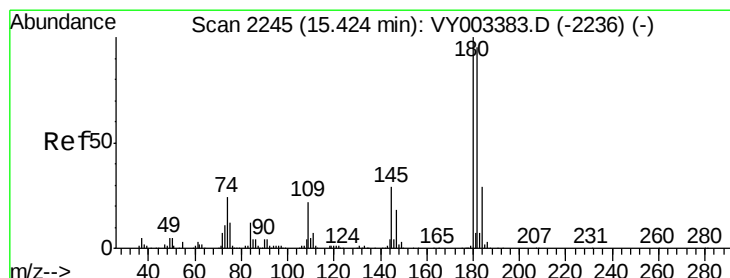
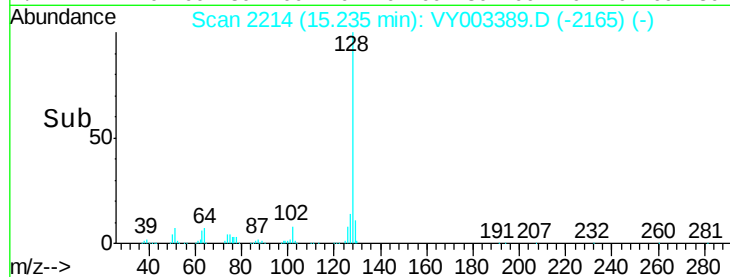
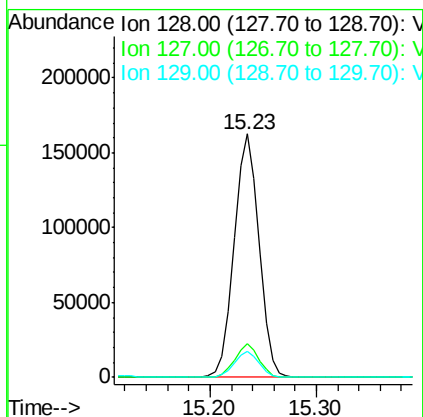
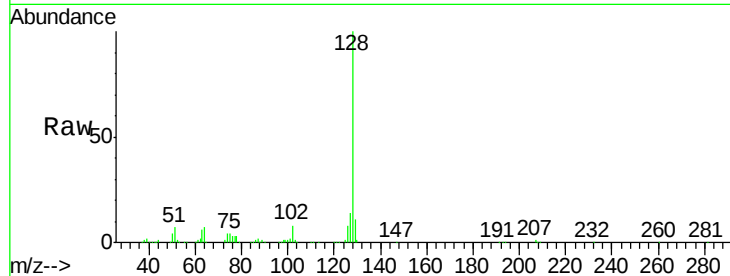
#95
Naphthalene
Concen: 20.909 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.135 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.2
145	29.0	14.5	43.5

