

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003388.D
 Acq On : 31 Jul 2020 14:46
 Operator : SY/MD
 Sample : VY0731SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 12:37:35 PM

Quant Time: Aug 01 01:53:20 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	522421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	773318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	701736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	376933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	254432	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	7.72	113	233621	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.18	98	922235	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.48	95	308902	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	89940	21.025	ug/l	98
3) Chloromethane	2.12	50	115699	19.748	ug/l	99
4) Vinyl Chloride	2.26	62	119300	20.284	ug/l	99
5) Bromomethane	2.64	94	92500	21.290	ug/l	99
6) Chloroethane	2.79	64	74673	20.241	ug/l	97
7) Trichlorofluoromethane	3.13	101	165361	20.822	ug/l	100
8) Diethyl Ether	3.54	74	57272	20.710	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	98209	20.703	ug/l	99
10) Methyl Iodide	4.10	142	105521	19.161	ug/l	99
11) Tert butyl alcohol	4.96	59	55091	108.592	ug/l	99
12) 1,1-Dichloroethene	3.87	96	95039	20.653	ug/l	96
13) Acrolein	3.73	56	53266	101.887	ug/l	100
14) Allyl chloride	4.49	41	152450	19.779	ug/l	100
15) Acrylonitrile	5.17	53	140248	102.214	ug/l	99
16) Acetone	3.95	43	116136	94.628	ug/l	99
17) Carbon Disulfide	4.20	76	307669	20.509	ug/l	100
18) Methyl Acetate	4.49	43	65936	20.363	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	255618	20.094	ug/l	98
20) Methylene Chloride	4.72	84	148907	18.603	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	105015	20.186	ug/l	94
22) Diisopropyl ether	6.13	45	324716	20.052	ug/l	97
23) Vinyl Acetate	6.07	43	1067028	100.581	ug/l	98
24) 1,1-Dichloroethane	6.02	63	182638	20.126	ug/l	98
25) 2-Butanone	6.99	43	187264	100.125	ug/l	98
26) 2,2-Dichloropropane	6.99	77	166298	20.537	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	114007	19.944	ug/l	100
28) Bromochloromethane	7.34	49	76599	21.700	ug/l	97
29) Tetrahydrofuran	7.35	42	123413	101.136	ug/l	99
30) Chloroform	7.51	83	184782	20.529	ug/l	94
31) Cyclohexane	7.78	56	178681	20.293	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	166211	20.239	ug/l	99
36) 1,1-Dichloropropene	7.92	75	147703	20.184	ug/l	99
37) Ethyl Acetate	7.08	43	82184	19.750	ug/l	98
38) Carbon Tetrachloride	7.91	117	154167	20.473	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	178547	19.996	ug/l	98
40) Benzene	8.17	78	411159	20.250	ug/l	98
41) Methacrylonitrile	7.32	41	45909m	19.245	ug/l	
42) 1,2-Dichloroethane	8.24	62	124932	20.203	ug/l	99
43) Isopropyl Acetate	8.28	43	153418	19.534	ug/l	97
44) Trichloroethene	8.94	130	119417	20.449	ug/l	97
45) 1,2-Dichloropropane	9.22	63	106397	20.010	ug/l	99
46) Dibromomethane	9.31	93	58932	19.754	ug/l	97
47) Bromodichloromethane	9.50	83	143287	19.932	ug/l	98
48) Methyl methacrylate	9.29	41	69397	19.575	ug/l	95
49) 1,4-Dioxane	9.30	88	16675	431.861	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	413391	100.439	ug/l	100
52) Toluene	10.24	92	257819	20.246	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	152691	20.012	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	174100	20.135	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	85192	20.359	ug/l	97
56) Ethyl methacrylate	10.51	69	115309	19.905	ug/l	98
57) 1,3-Dichloropropane	10.79	76	149188	20.514	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	285894	106.546	ug/l	100
59) 2-Hexanone	10.83	43	290554	101.295	ug/l	99
60) Dibromochloromethane	10.99	129	107511	20.459	ug/l	99
61) 1,2-Dibromoethane	11.09	107	80274	19.801	ug/l	97
64) Tetrachloroethene	10.72	164	117041	19.951	ug/l	97
65) Chlorobenzene	11.52	112	281382	20.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	108331	20.225	ug/l	99
67) Ethyl Benzene	11.59	91	505389	20.354	ug/l	100
68) m/p-Xylenes	11.70	106	380918	40.694	ug/l	99
69) o-Xylene	12.03	106	179358	20.469	ug/l	99
70) Styrene	12.04	104	308014	20.543	ug/l	99
71) Bromoform	12.20	173	70778	20.335	ug/l	99
73) Isopropylbenzene	12.33	105	490047	20.116	ug/l	99
74) N-amyl acetate	12.14	43	141498	19.707	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	97799	20.268	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	67358m	19.892	ug/l	
77) Bromobenzene	12.61	156	125670	20.303	ug/l	97
78) n-propylbenzene	12.67	91	594948	20.405	ug/l	100
79) 2-Chlorotoluene	12.75	91	328261	20.291	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	415162	20.298	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	36108	20.167	ug/l #	76
82) 4-Chlorotoluene	12.85	91	340162	20.235	ug/l	99
83) tert-Butylbenzene	13.08	119	367266	20.683	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	418032	20.334	ug/l	99
85) sec-Butylbenzene	13.25	105	505664	20.472	ug/l	100
86) p-Isopropyltoluene	13.37	119	468486	20.279	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	240275	20.322	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	238183	20.432	ug/l	99
89) n-Butylbenzene	13.69	91	456865	20.926	ug/l	99
90) Hexachloroethane	13.96	117	89996	20.335	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	210617	20.180	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16262	20.918	ug/l	98

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Manual Integrations
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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)
93) 1,2,4-Trichlorobenzene	15.01	180	157793	21.334	ug/l	99
94) Hexachlorobutadiene	15.11	225	104784	21.392	ug/l	96
95) Naphthalene	15.23	128	260515	20.794	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	125539	20.980	ug/l	97

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

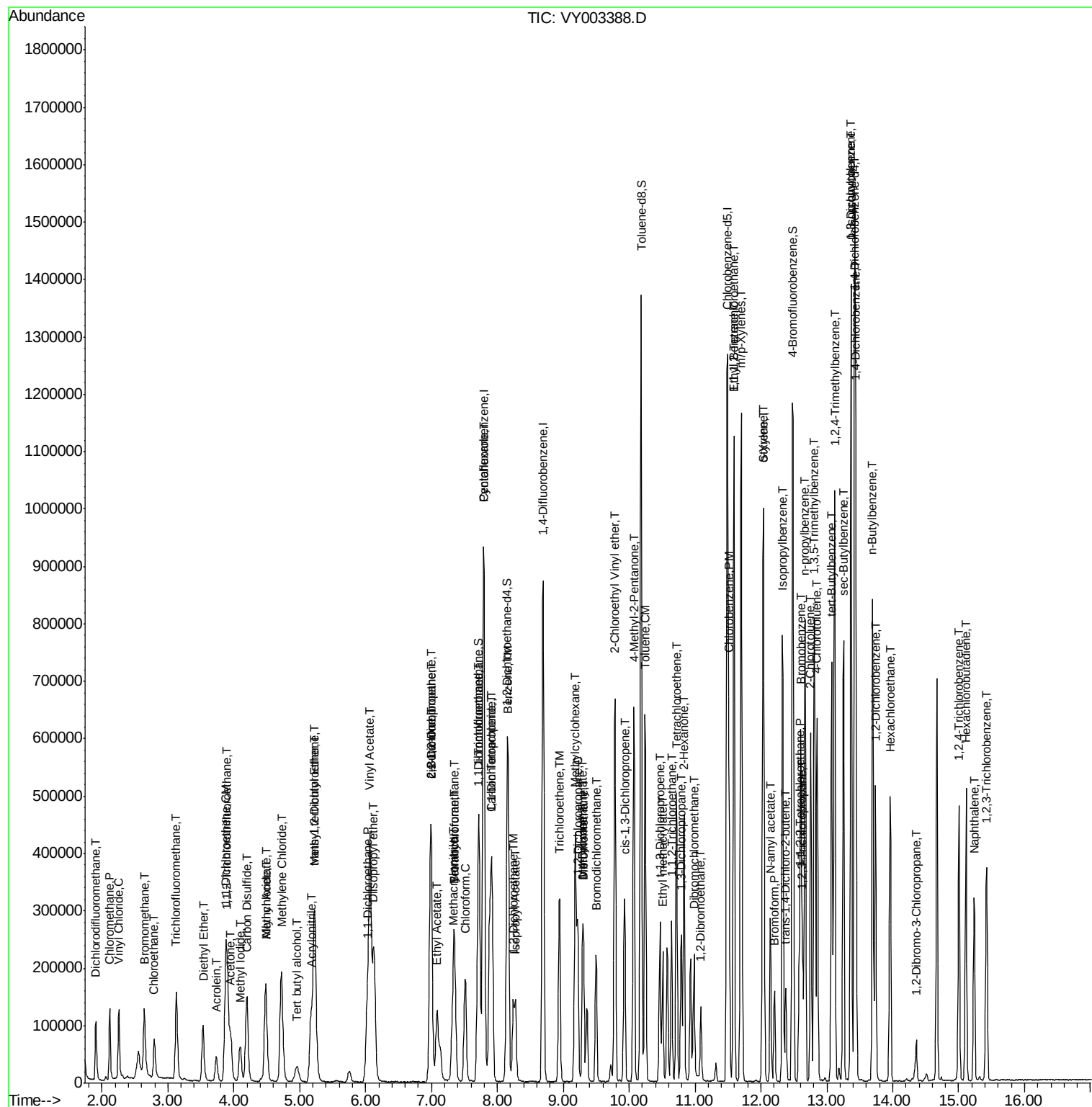
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 Data File : VY003388.D
 Acq On : 31 Jul 2020 14:46
 Operator : SY/MD
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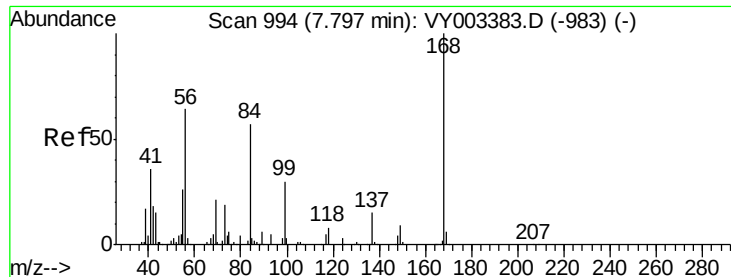
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion:168 Resp: 522421

Ion Ratio Lower Upper

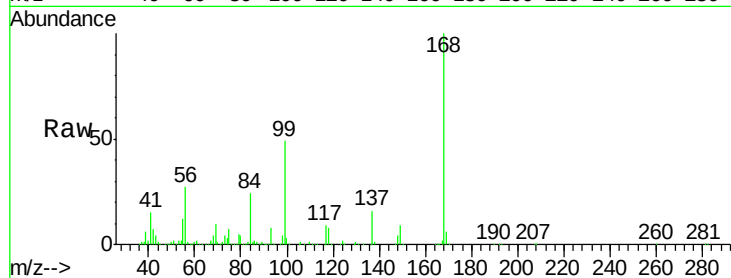
168 100

99 49.1 38.8 58.2

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

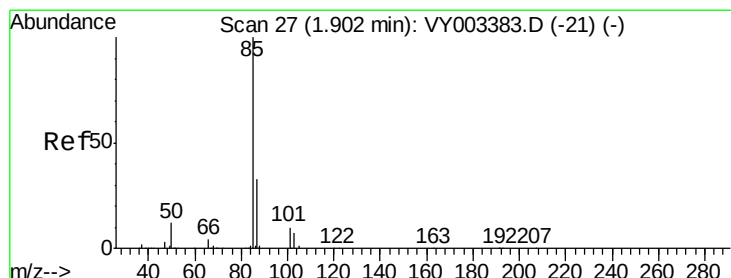
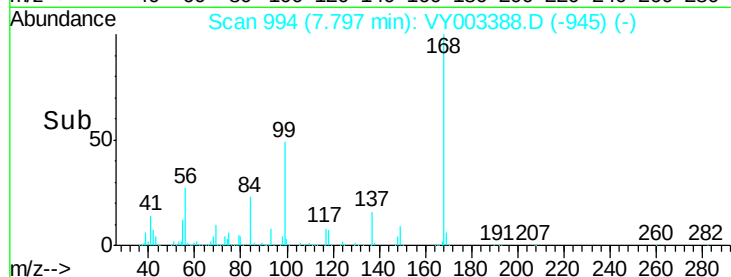
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.025 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003388.D

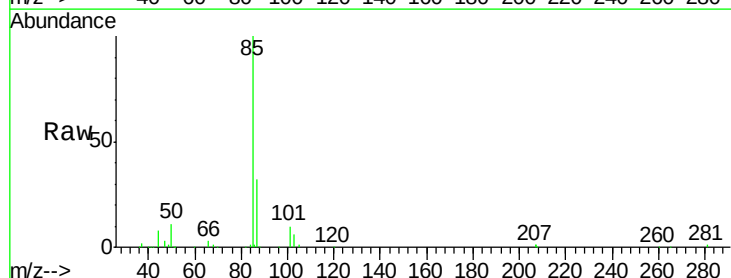
Acq: 31 Jul 2020 14:46

Tgt Ion: 85 Resp: 89940

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

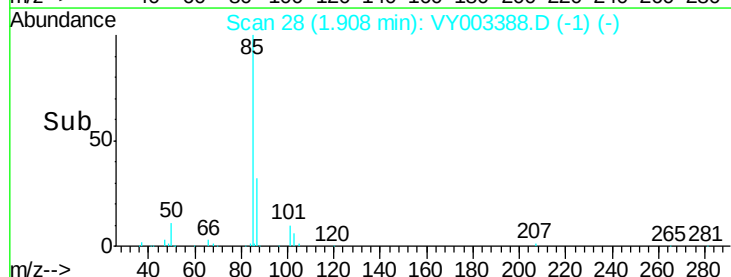
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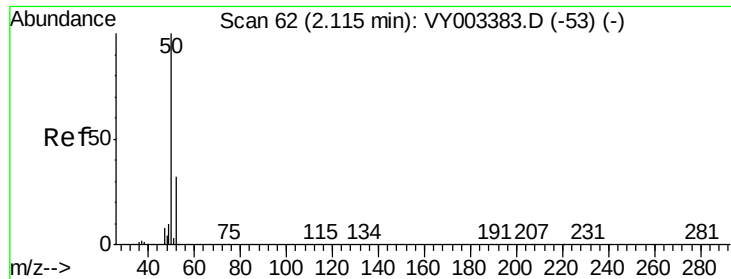
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.748 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 50 Resp: 115699

Ion Ratio Lower Upper

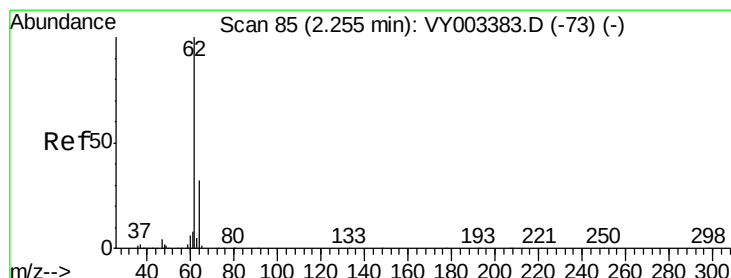
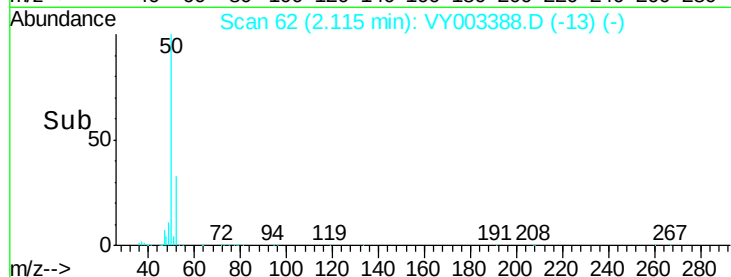
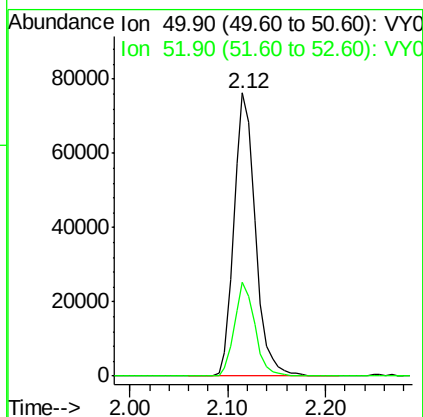
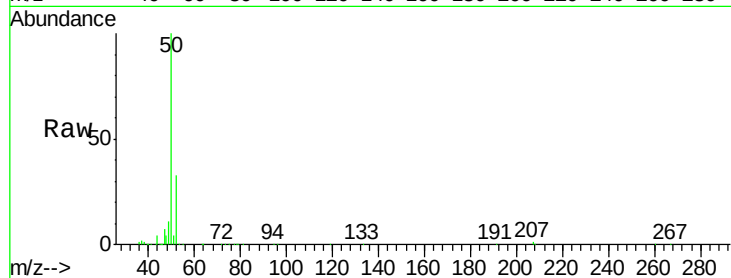
50 100

52 33.1 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.284 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003388.D

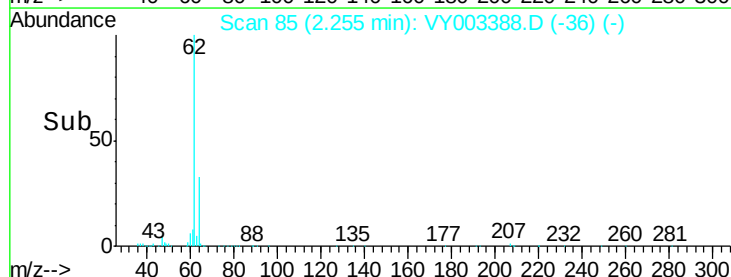
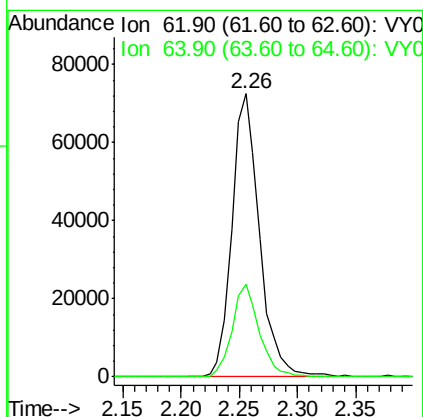
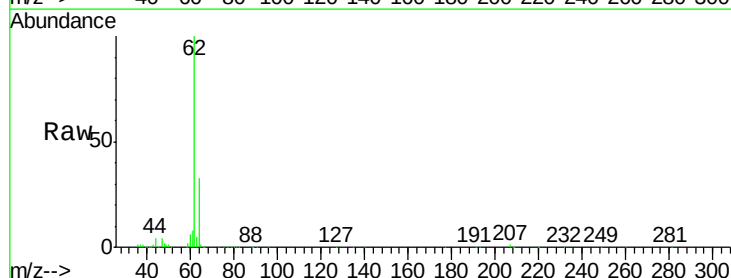
Acq: 31 Jul 2020 14:46

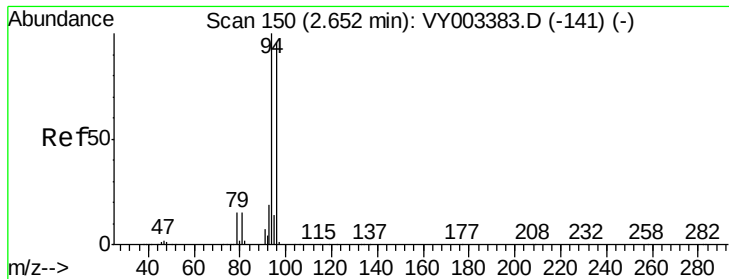
Tgt Ion: 62 Resp: 119300

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 21.290 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 94 Resp: 92500

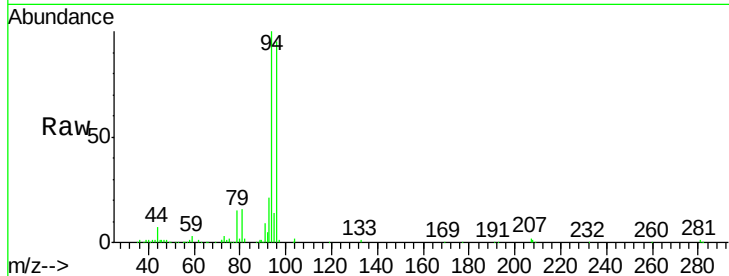
Ion Ratio Lower Upper

94 100

96 94.4 76.6 115.0

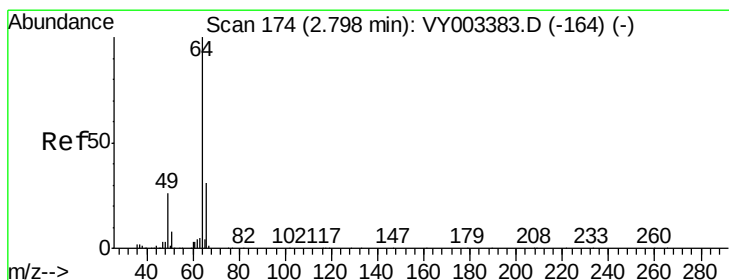
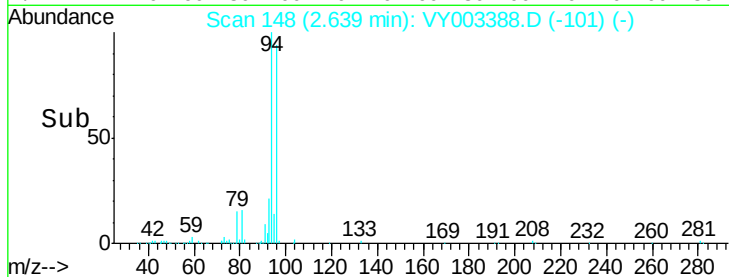
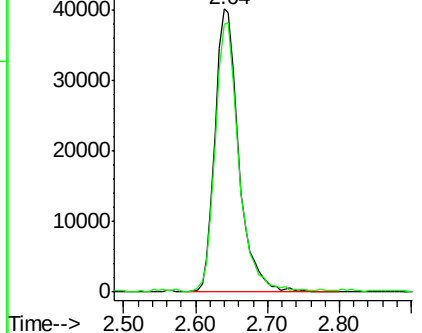
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.241 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003388.D

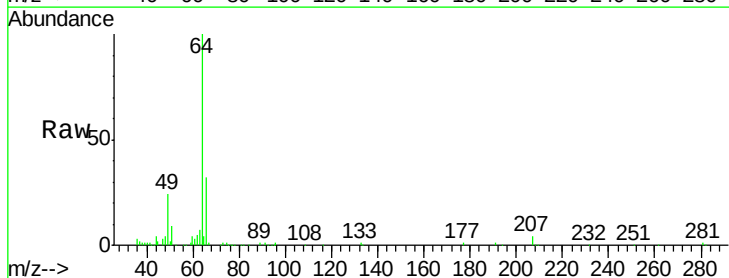
Acq: 31 Jul 2020 14:46

Tgt Ion: 64 Resp: 74673

Ion Ratio Lower Upper

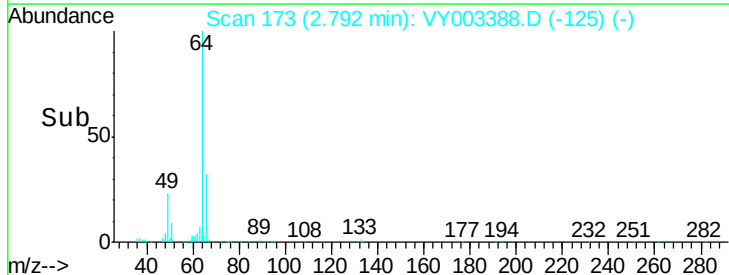
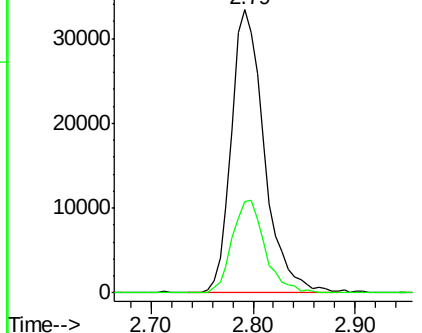
64 100

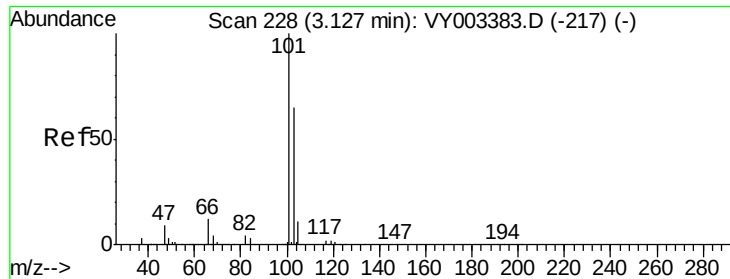
66 32.3 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

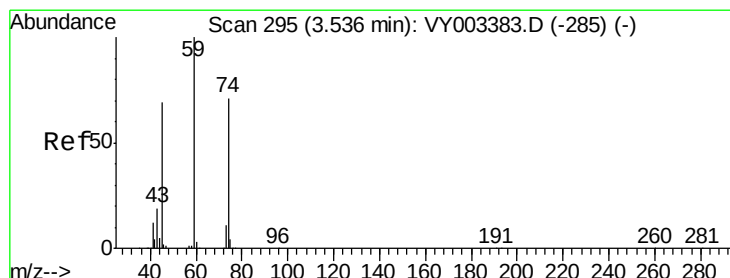
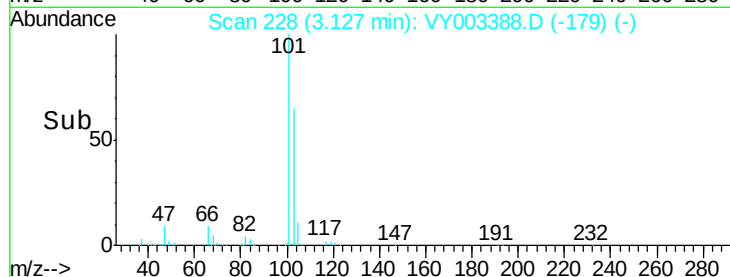
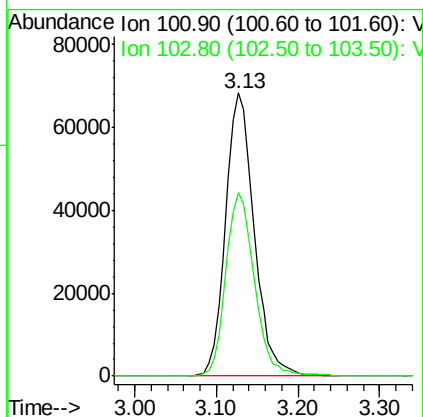
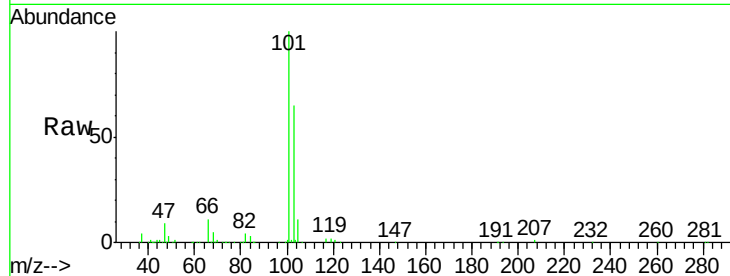
Trichlorofluoromethane
Concen: 20.822 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	165361		
103	64.9	51.8	77.6	

Manual Integrations
APPROVED

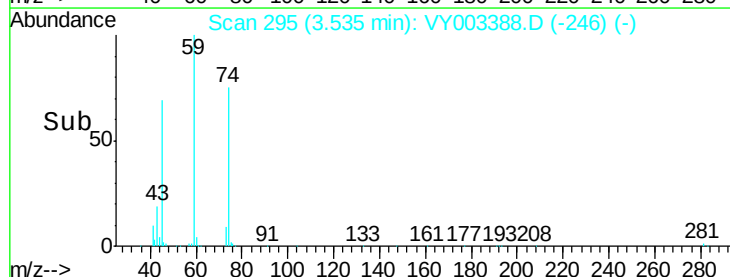
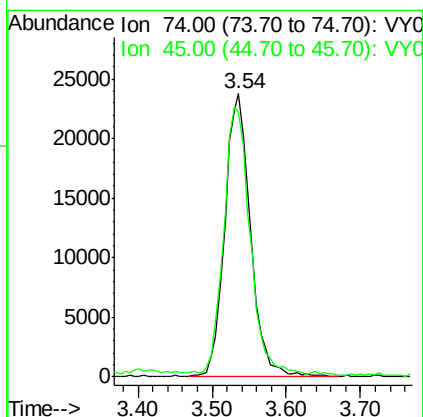
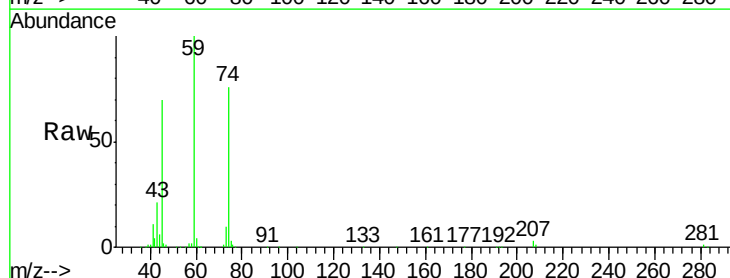
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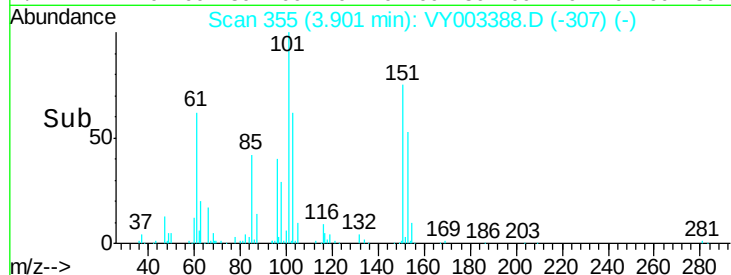
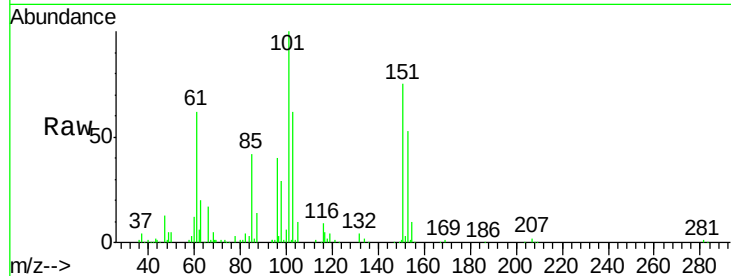
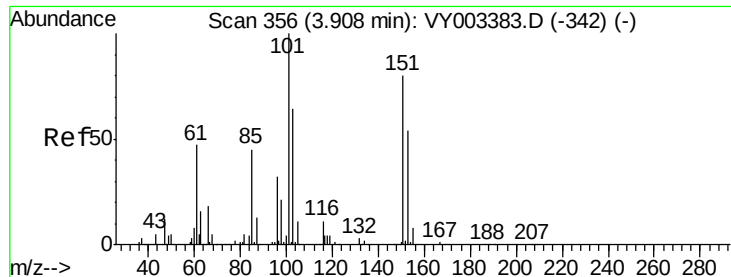


#8

Diethyl Ether
Concen: 20.710 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	57272		
45	96.7	48.7	146.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.703 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

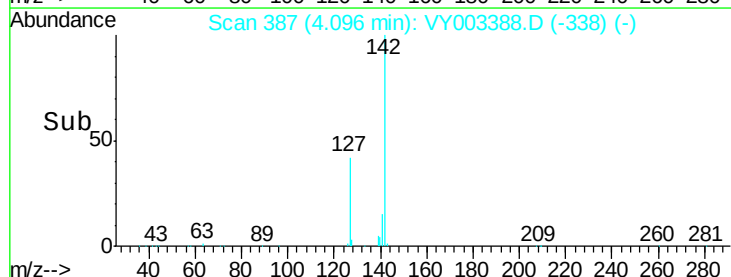
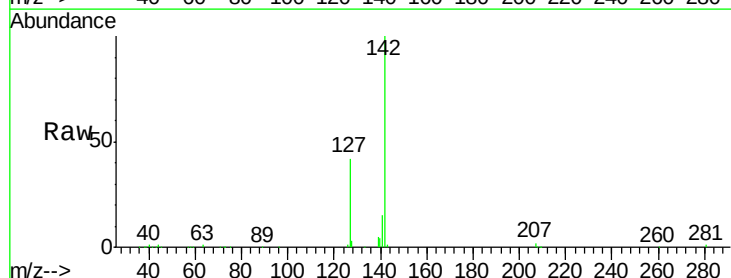
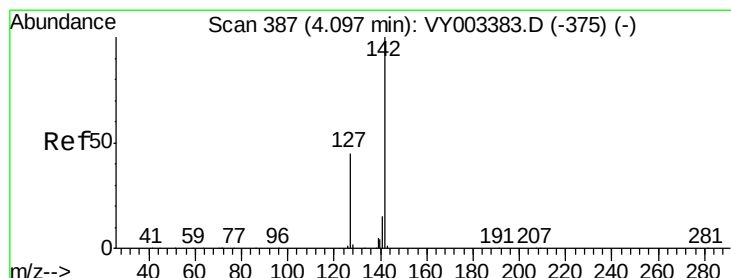
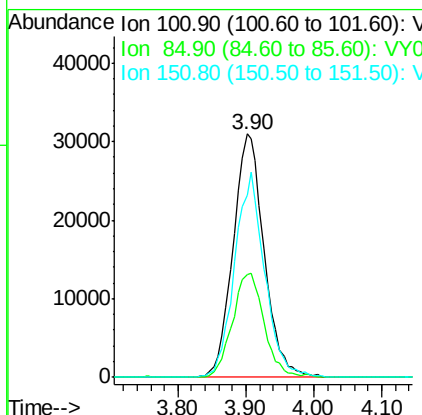
ClientSampleId :

VY0731SBS01

Tot Ion:	101	Resp:	98209
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.7	53.5
151	81.7	65.7	98.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.161 ug/l

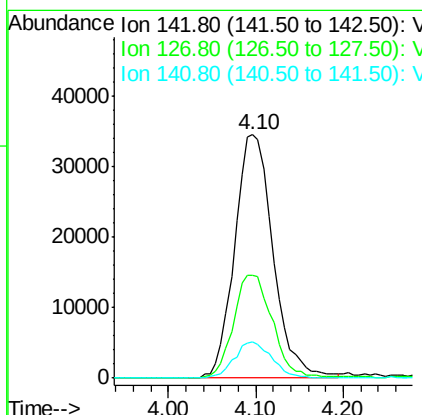
RT: 4.10 min Scan# 387

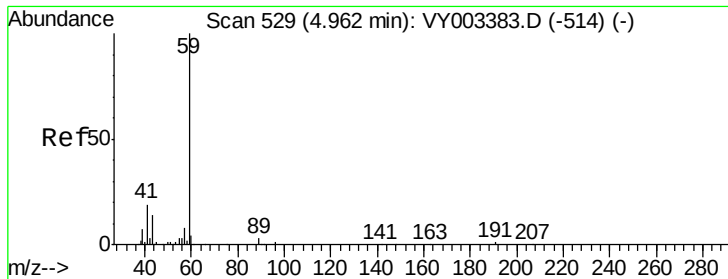
Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Tgt Ion:	142	Resp:	105521
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.6	52.0
141	15.0	11.4	17.0





#11

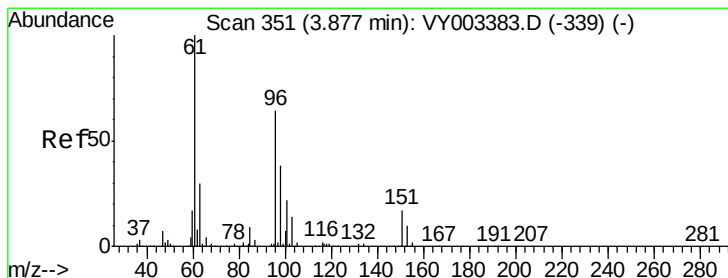
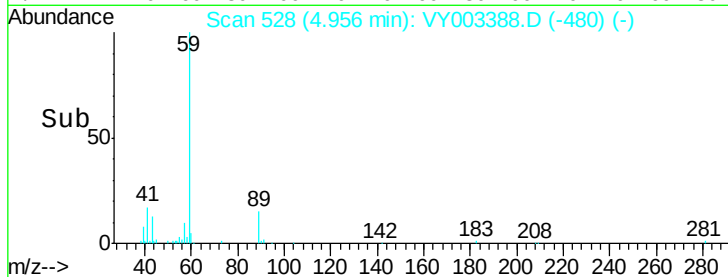
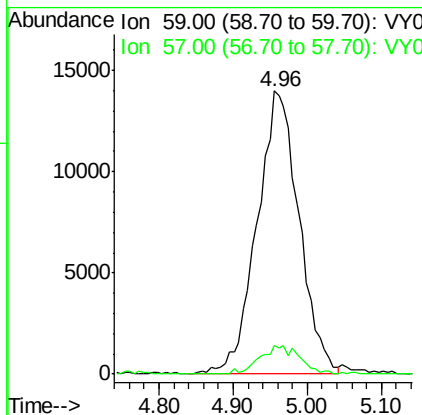
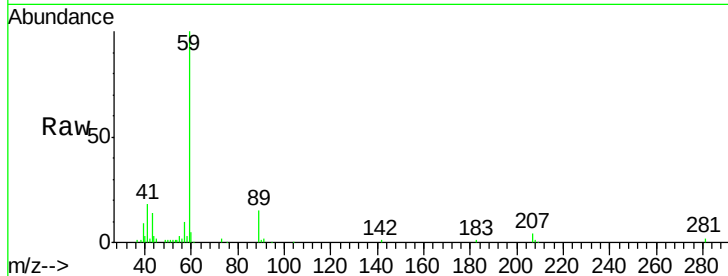
Tert butyl alcohol
 Concen: 108.592 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	55091		
57	57	9.5		8.0	12.0

Manual Integrations
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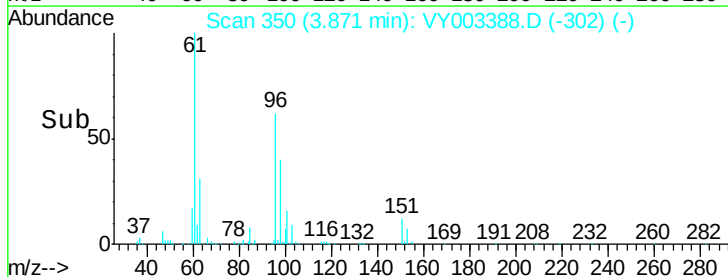
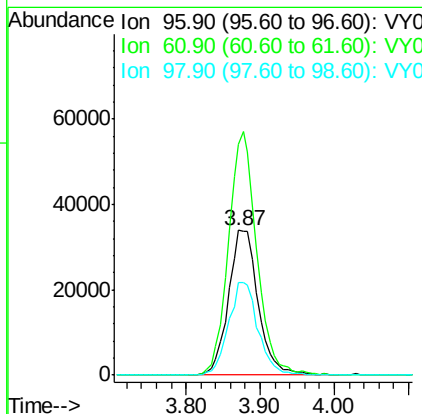
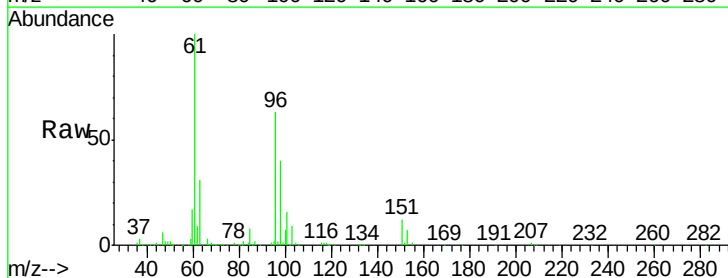
MMDadoda
 8/3/2020 12:37:35 PM

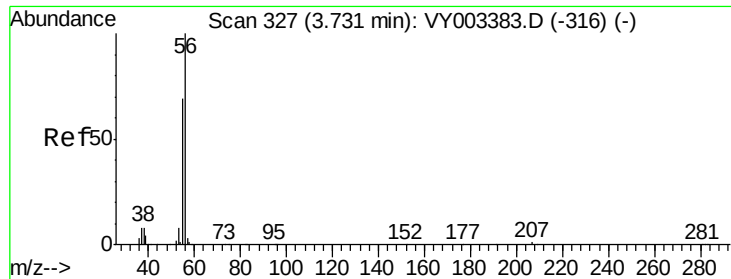


#12

1,1-Dichloroethene
 Concen: 20.653 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	95039		
61	61	159.6		124.7	187.1
98	98	64.3		47.4	71.2





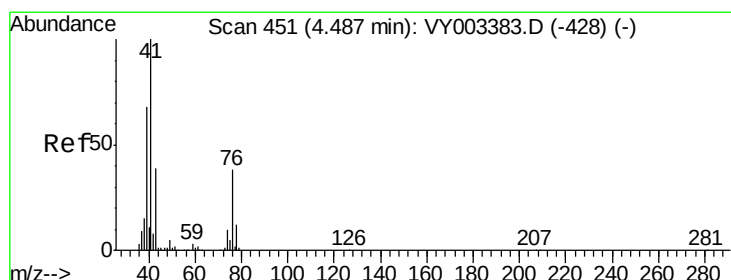
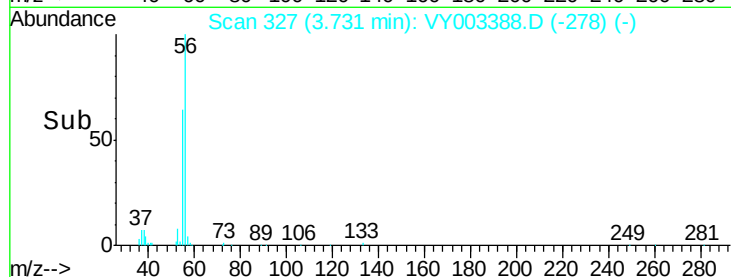
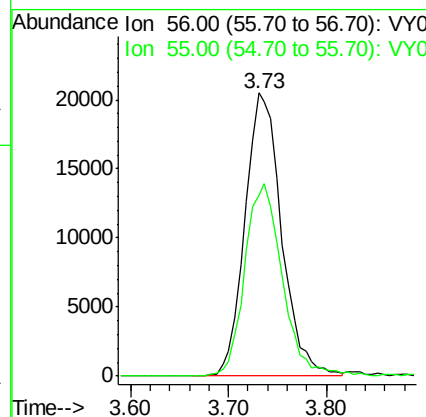
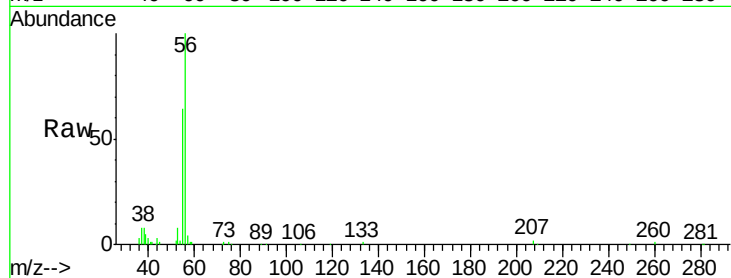
#13
Acrolein
Concen: 101.887 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	56	Resp	53266
Ion Ratio	100	Lower	Upper
55	69.6	55.5	83.3

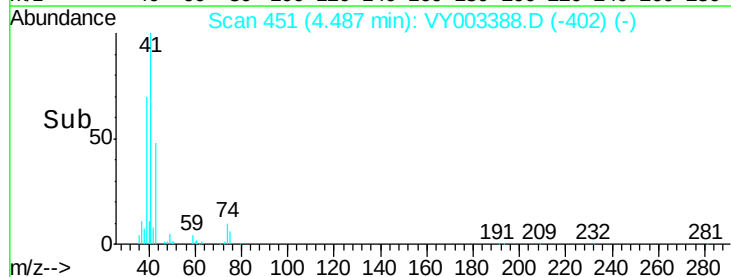
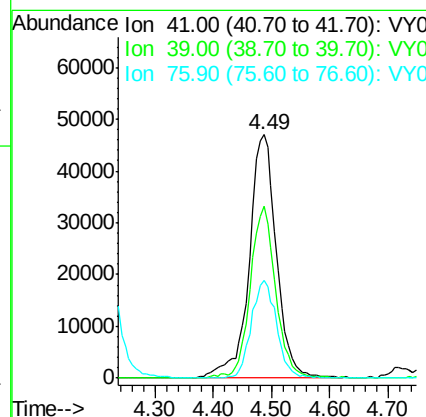
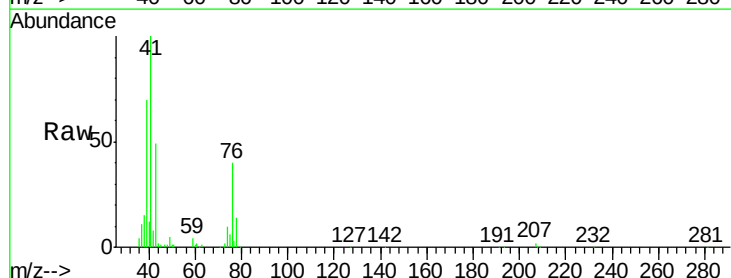
Manual Integrations
APPROVED

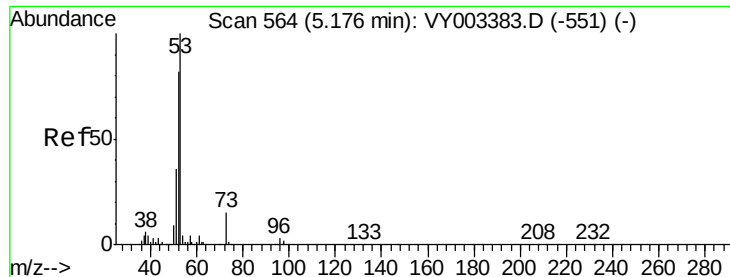
MMDadoda
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#14
Allyl chloride
Concen: 19.779 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	41	Resp	152450
Ion Ratio	100	Lower	Upper
39	65.8	52.7	79.1
76	37.0	29.8	44.6





#15

Acrylonitrile

Concen: 102.214 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

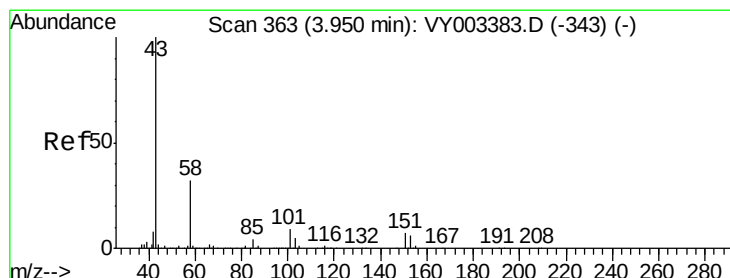
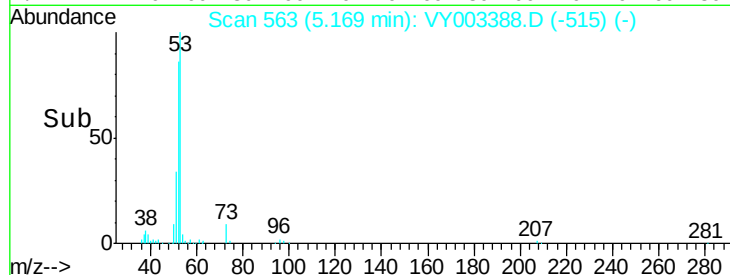
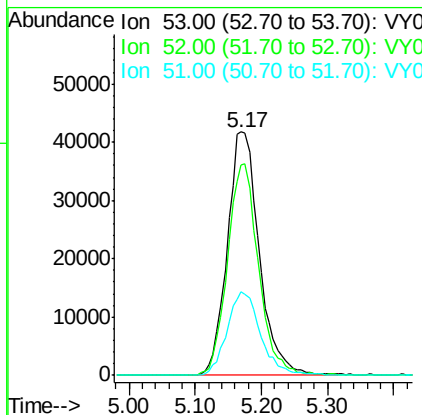
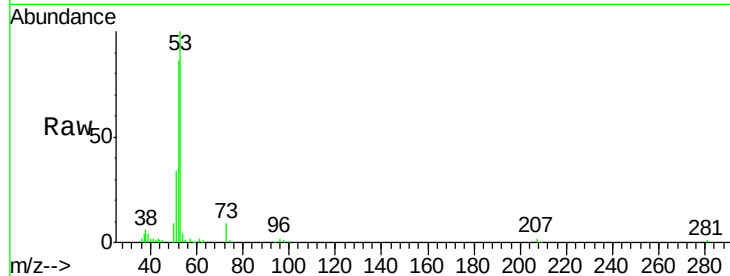
ClientSampleId :

VY0731SBS01

Tot Ion:	53	Resp:	140248
Ion	Ratio	Lower	Upper
53	100		
52	84.2	67.0	100.6
51	35.9	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 94.628 ug/l

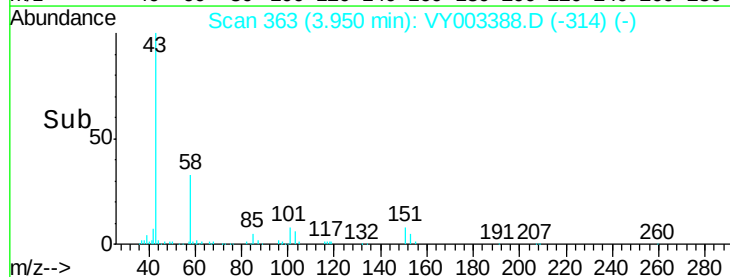
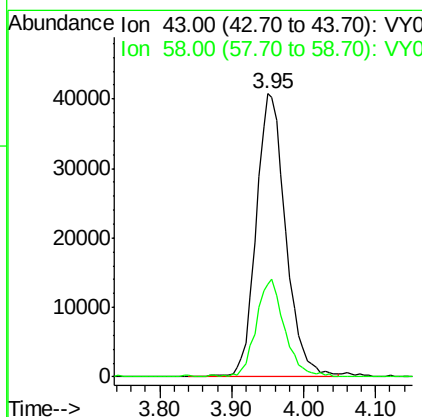
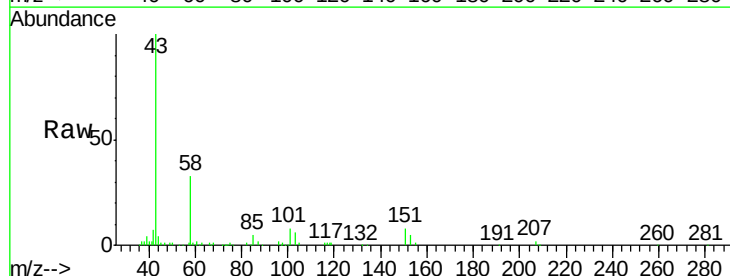
RT: 3.95 min Scan# 363

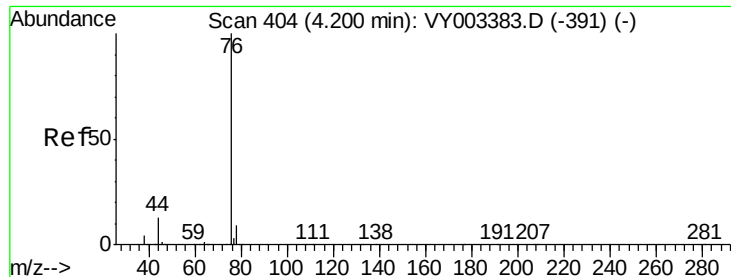
Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Tgt Ion:	43	Resp:	116136
Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.4	38.2





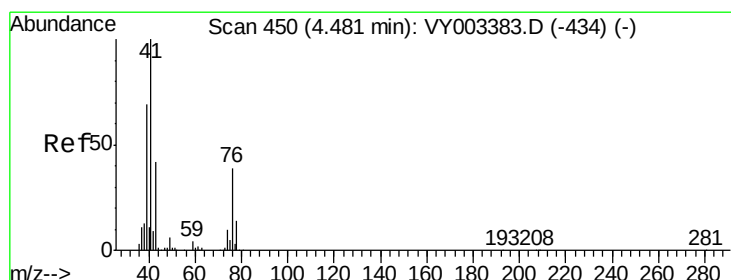
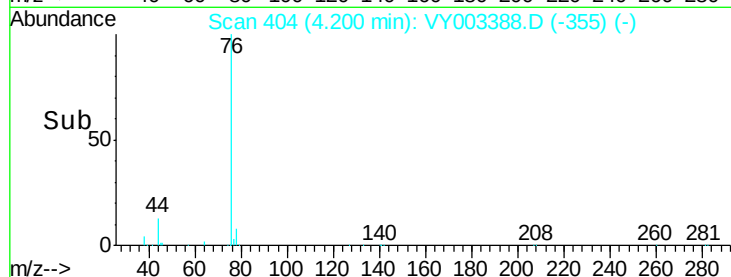
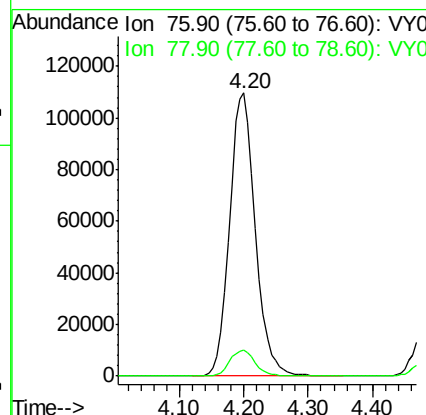
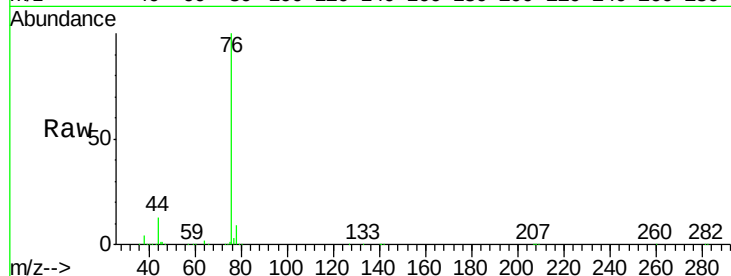
#17
Carbon Disulfide
Concen: 20.509 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

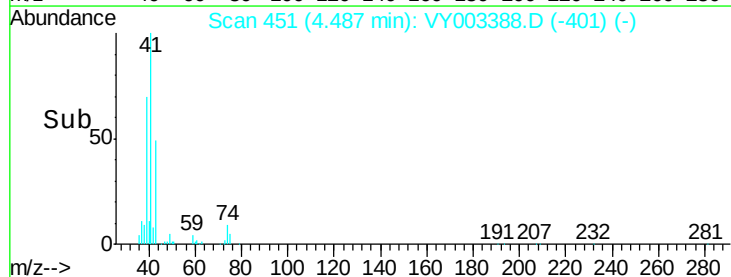
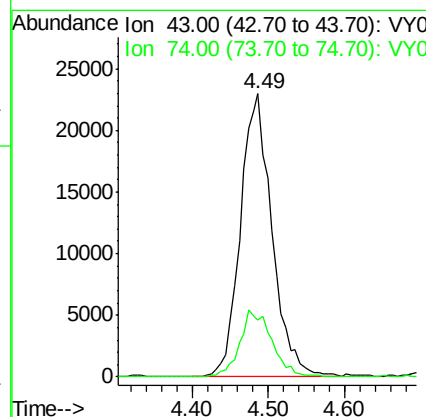
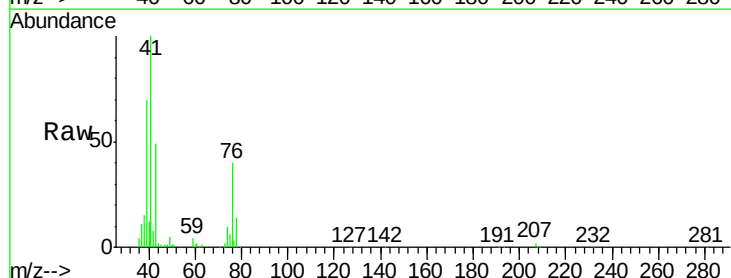
Manual Integrations
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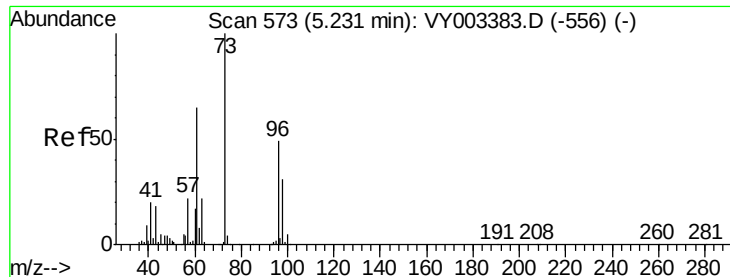
MMDadoda
8/3/2020 12:37:35 PM



#18
Methyl Acetate
Concen: 20.363 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.2	28.8





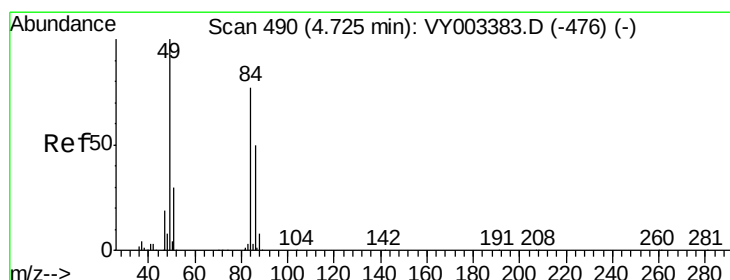
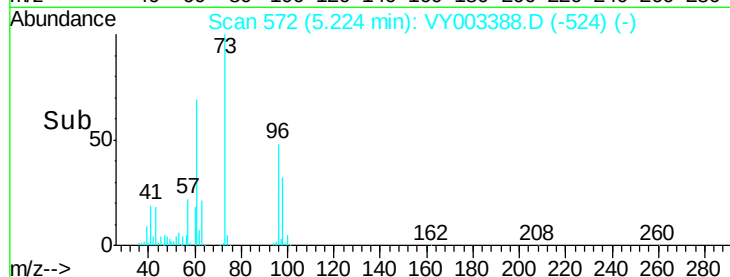
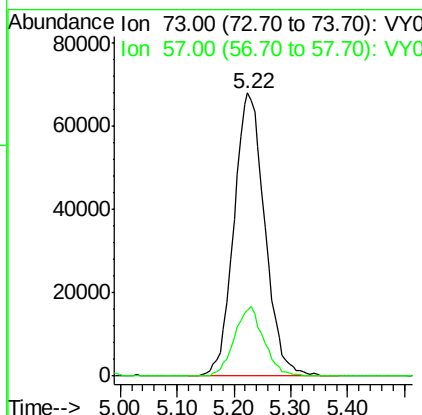
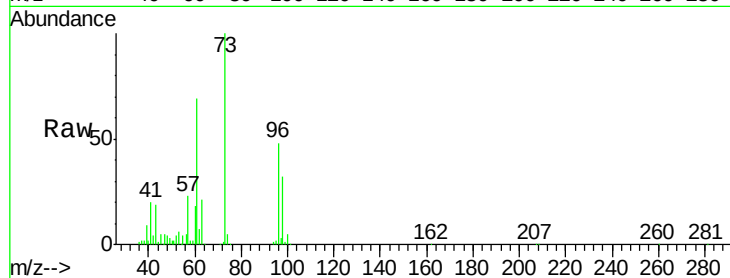
#19
Methyl tert-butyl Ether
Concen: 20.094 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.8	26.8

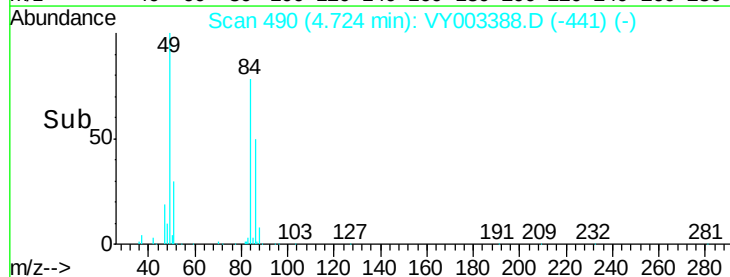
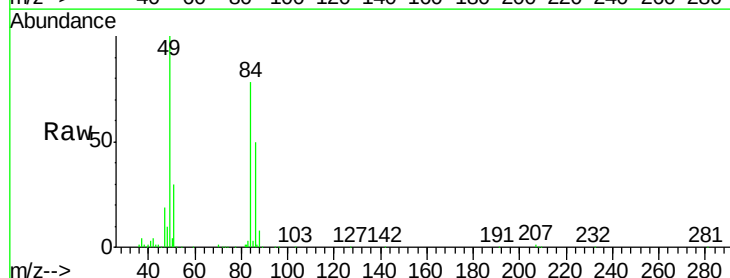
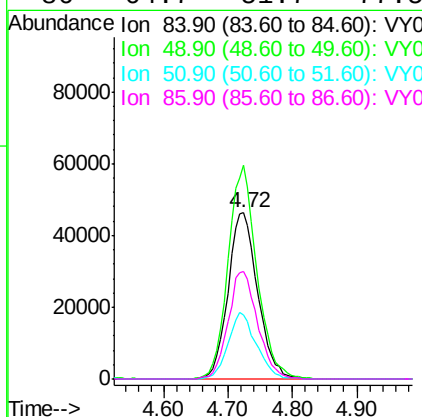
Manual Integrations
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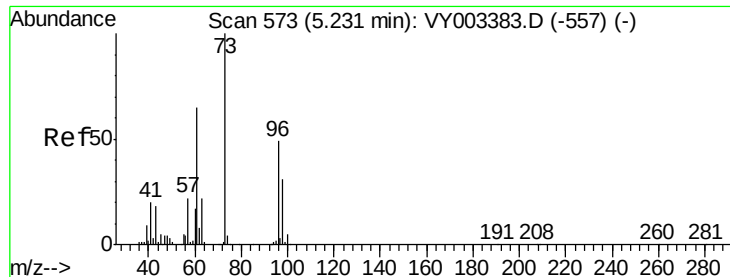
MMDadoda
8/3/2020 12:37:35 PM



#20
Methylene Chloride
Concen: 18.603 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.5	104.2	156.4
51	38.7	31.5	47.3
86	64.7	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 20.186 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

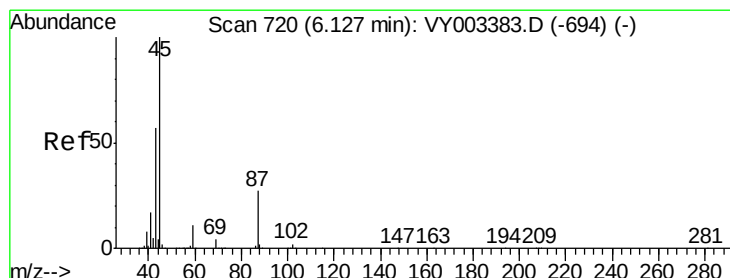
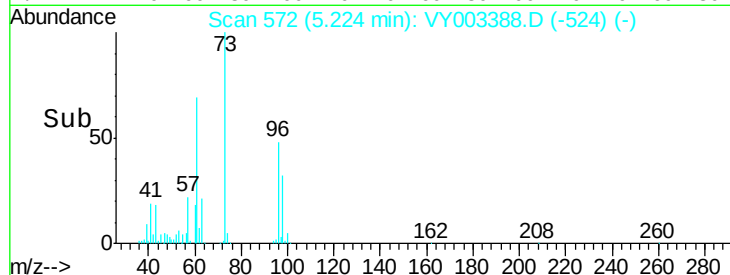
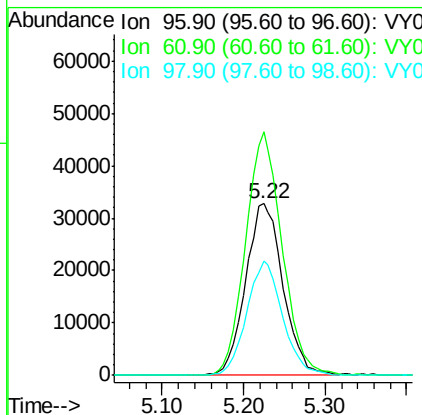
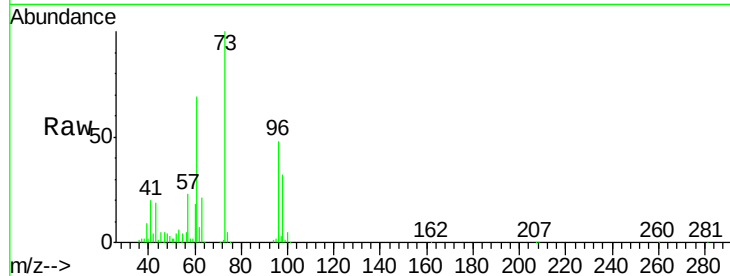
ClientSampleId :

VY0731SBS01

Tot Ion:	96	Resp:	105015
Ion Ratio	Lower	Upper	
96	100		
61	141.8	106.3	159.5
98	66.8	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.052 ug/l

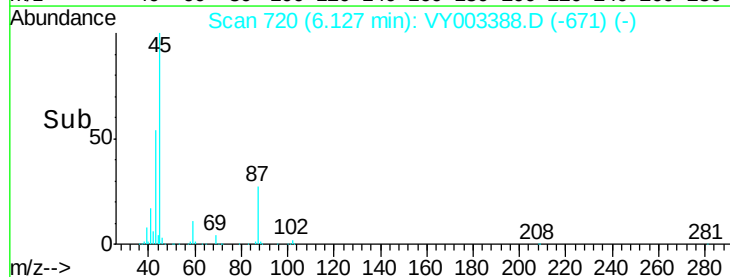
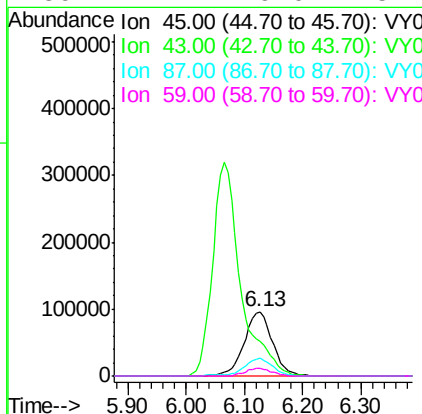
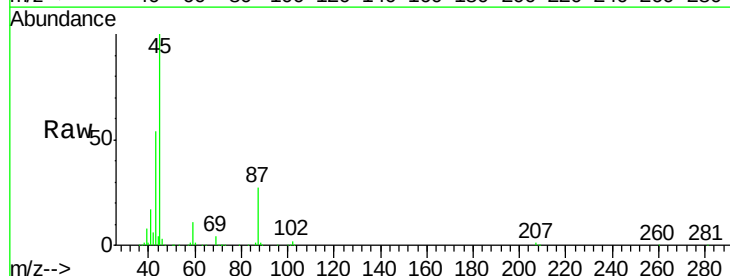
RT: 6.13 min Scan# 720

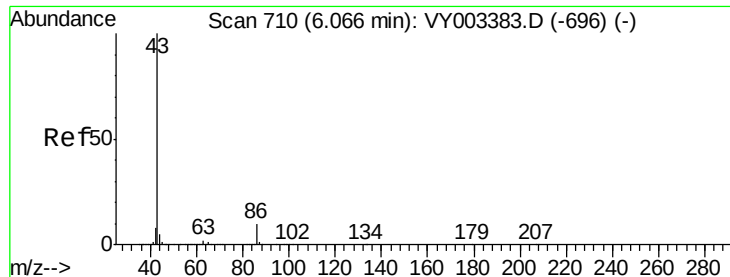
Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Tgt Ion:	45	Resp:	324716
Ion Ratio	Lower	Upper	
45	100		
43	53.7	45.6	68.4
87	27.2	21.3	31.9
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 100.581 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 43 Resp: 1067028

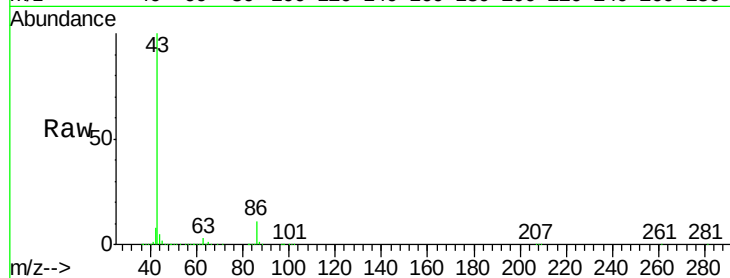
Ion Ratio Lower Upper

43 100

86 10.7 8.0 12.0

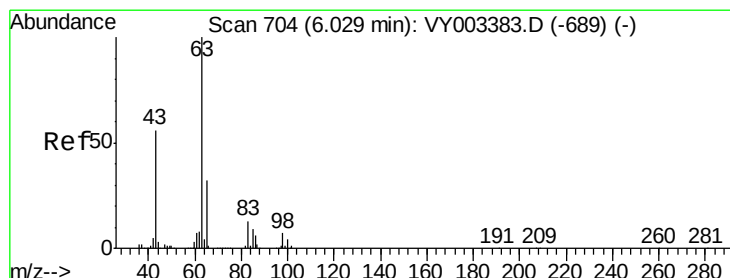
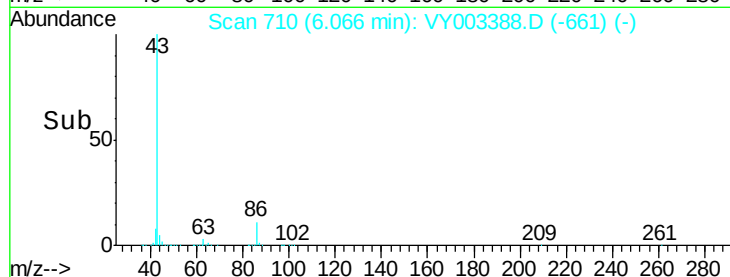
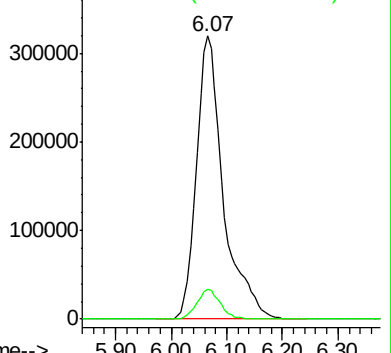
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.126 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

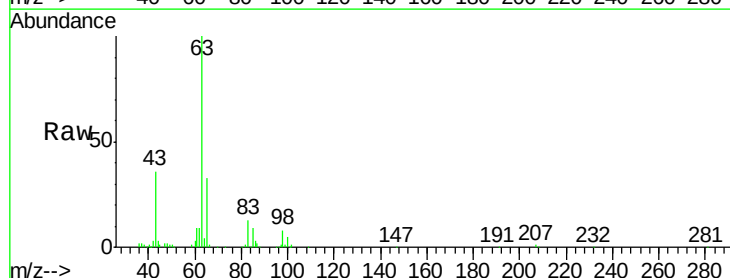
Tgt Ion: 63 Resp: 182638

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.6

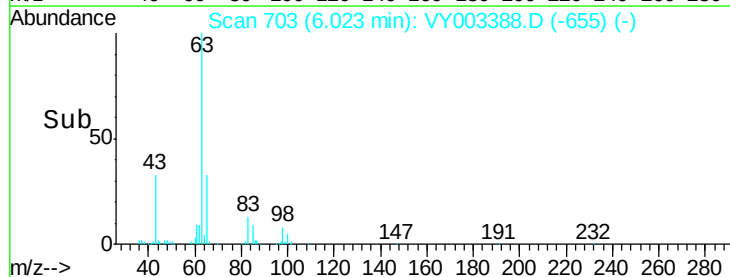
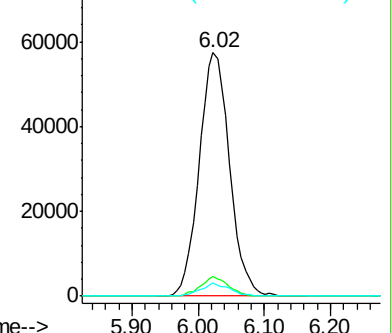
100 5.3 2.2 6.6

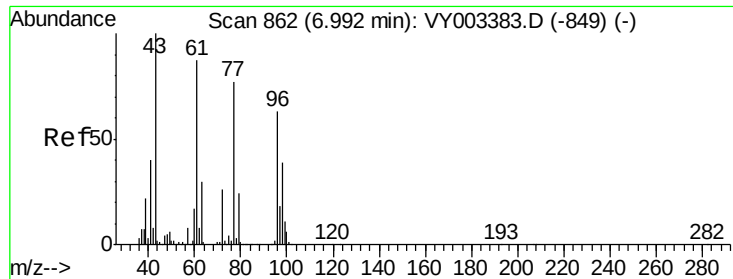


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 100.125 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 43 Resp: 187264

Ion Ratio Lower Upper

43 100

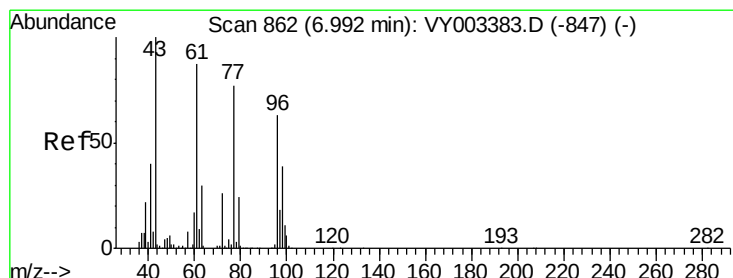
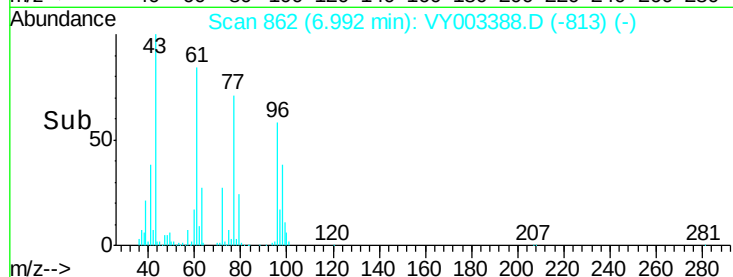
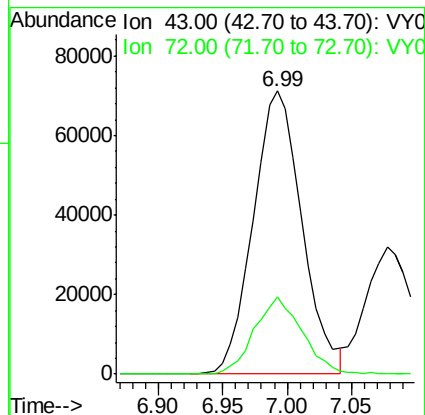
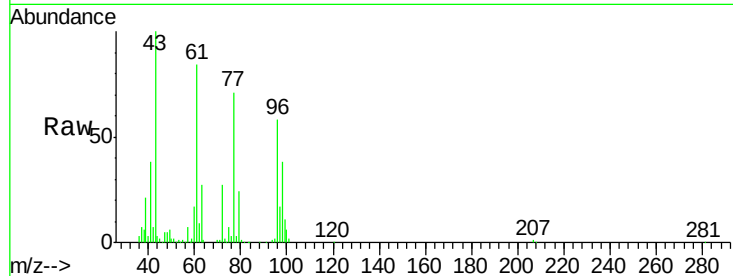
72 27.4 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.537 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003388.D

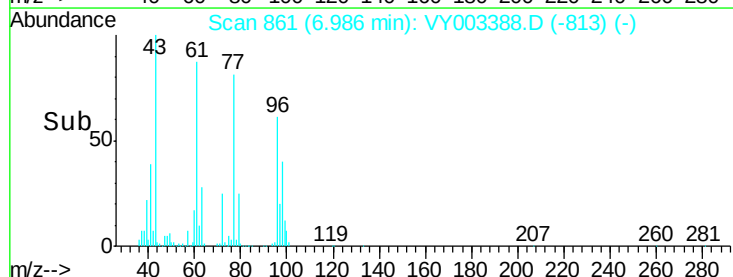
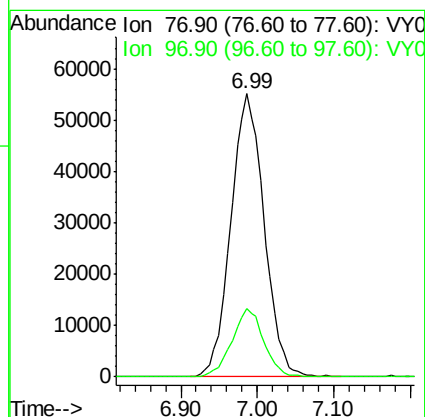
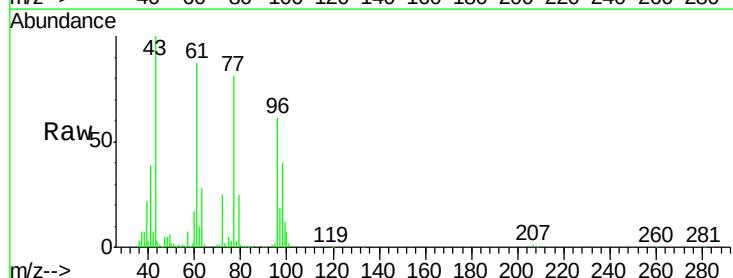
Acq: 31 Jul 2020 14:46

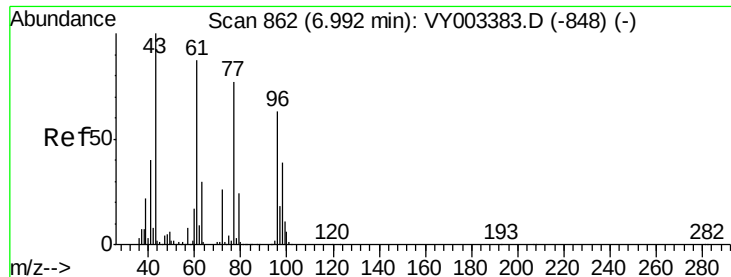
Tgt Ion: 77 Resp: 166298

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8





#27

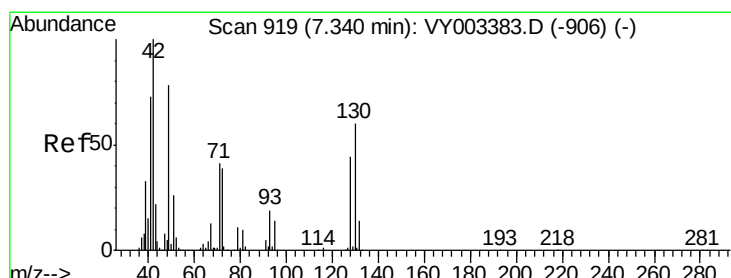
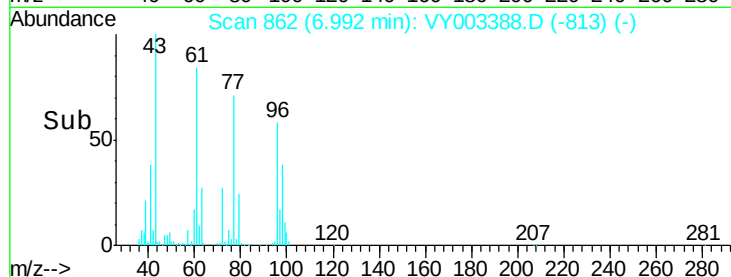
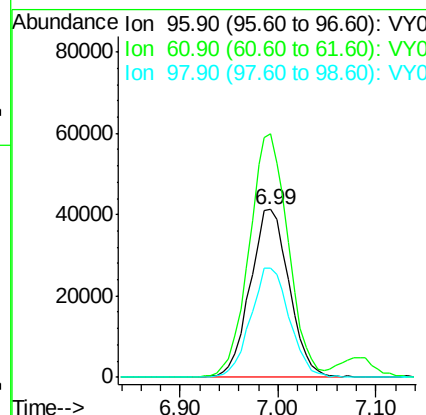
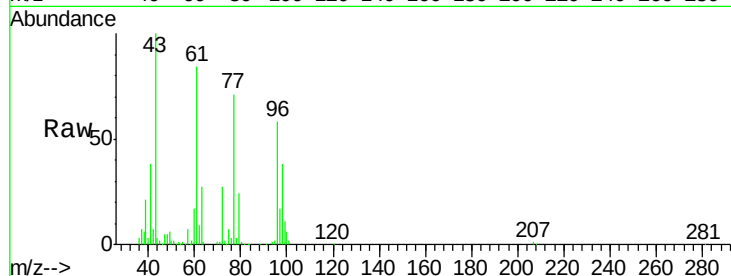
cis-1,2-Dichloroethene
Concen: 19.944 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.1	0.0	290.0	
98	65.1	0.0	129.0	

Manual Integrations
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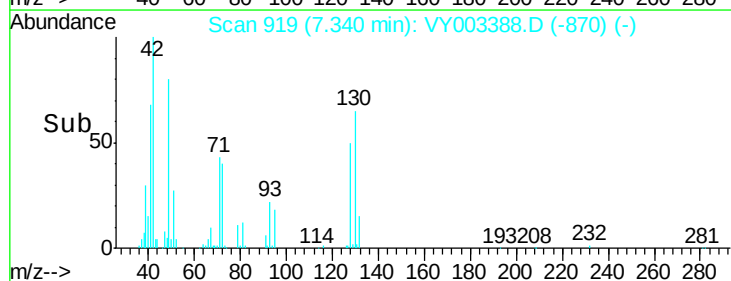
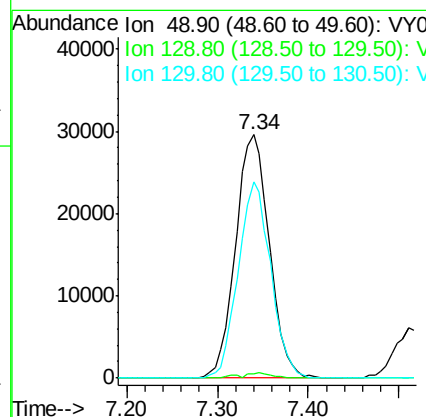
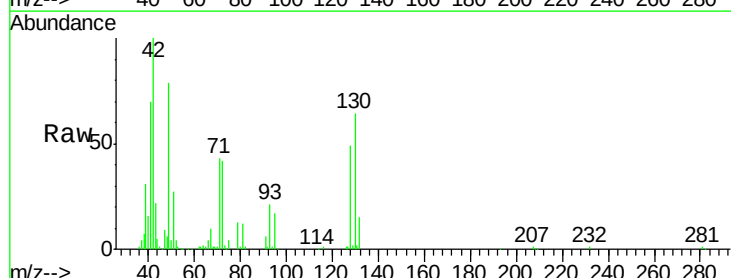
MMDadoda
8/3/2020 12:37:35 PM

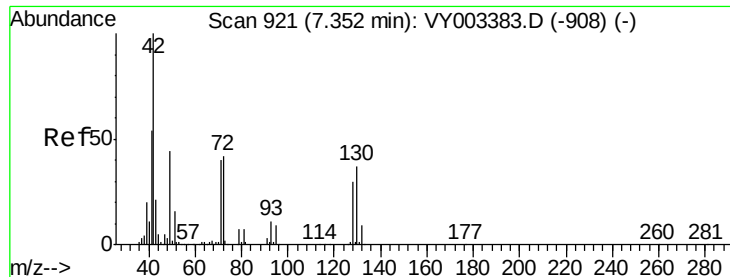


#28

Bromochloromethane
Concen: 21.700 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.4	
130	77.6	60.3	90.5	





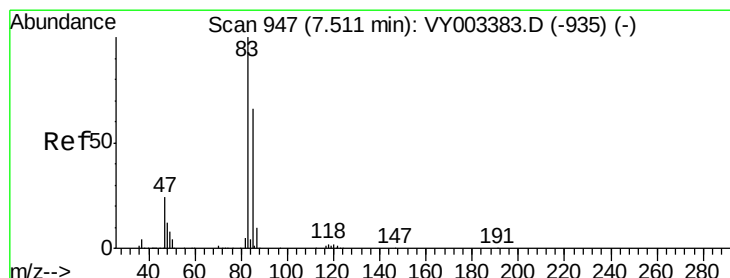
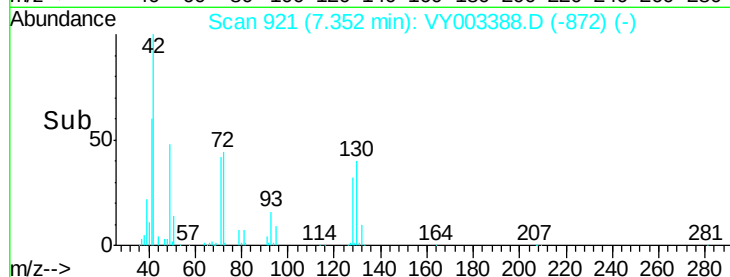
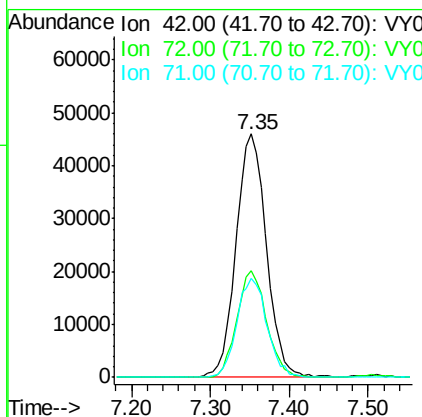
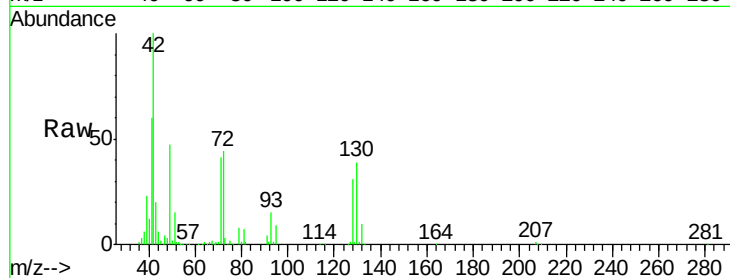
#29
Tetrahydrofuran
Concen: 101.136 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	33.5	50.3
71	40.3	32.1	48.1

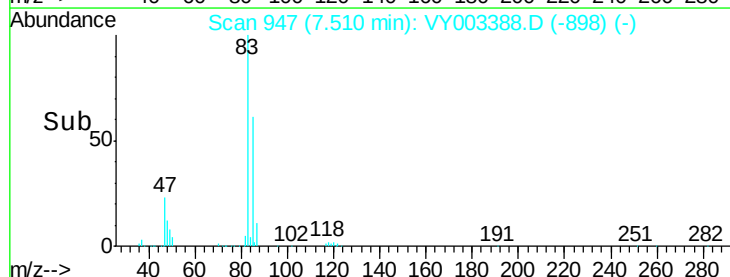
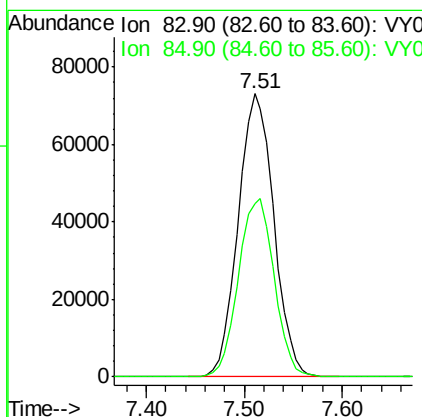
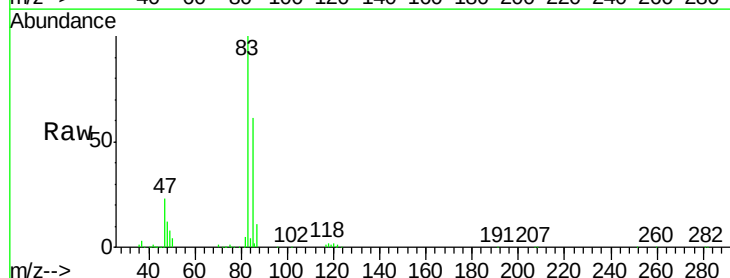
Manual Integrations
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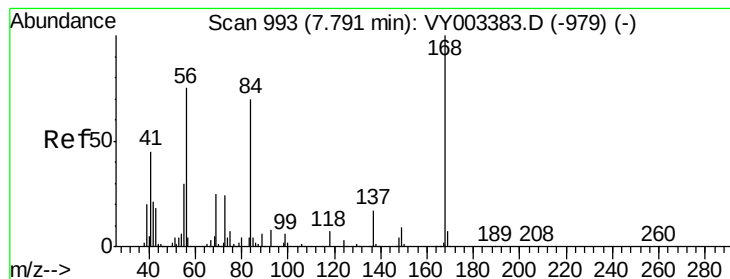
MMDadoda
8/3/2020 12:37:35 PM



#30
Chloroform
Concen: 20.529 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.5	78.7





#31

Cyclohexane

Concen: 20.293 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

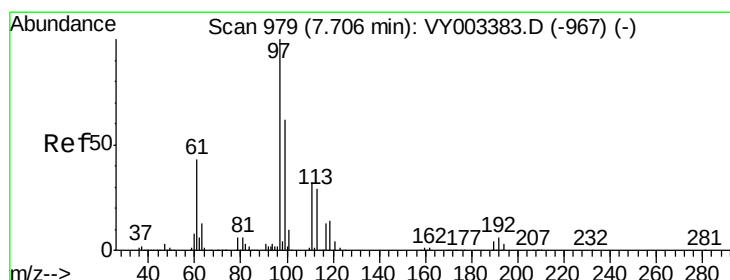
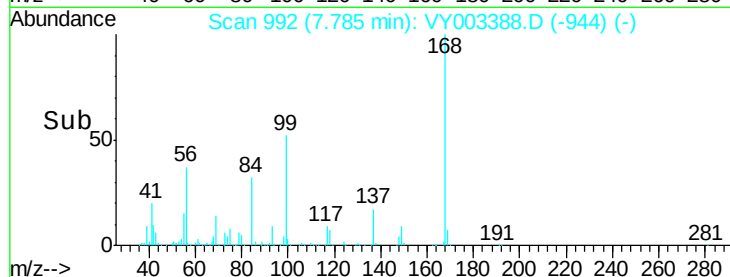
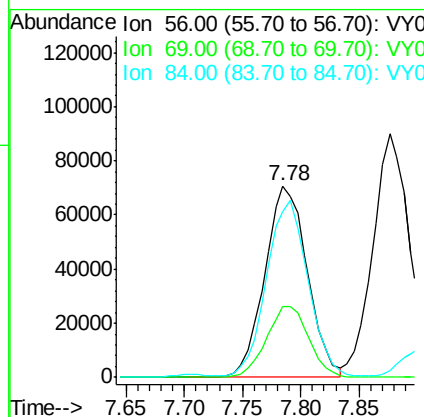
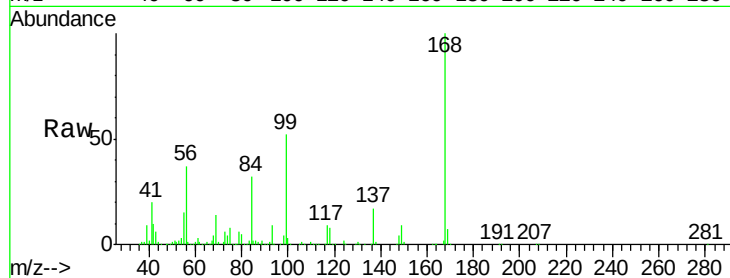
ClientSampleId :

VY0731SBS01

Tot Ion:	56	Resp:	178681
Ion	Ratio	Lower	Upper
56	100		
69	36.8	26.1	39.1
84	85.1	73.9	110.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.239 ug/l

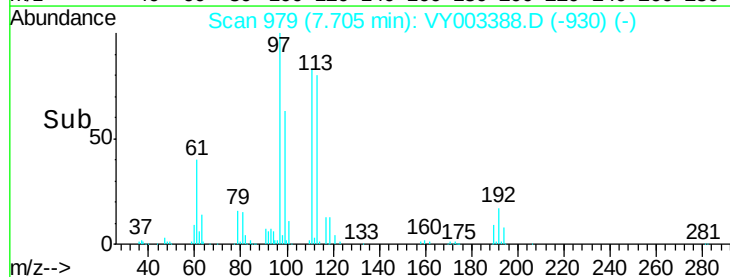
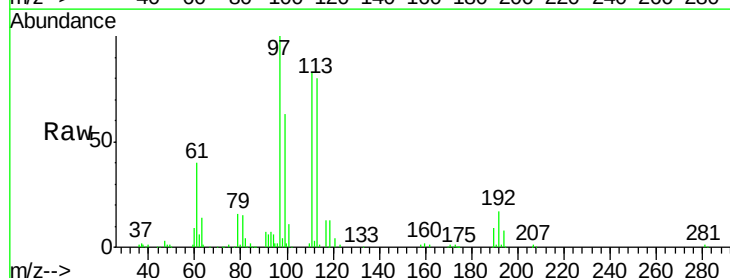
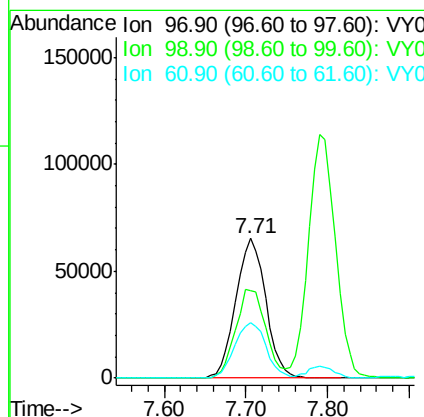
RT: 7.71 min Scan# 979

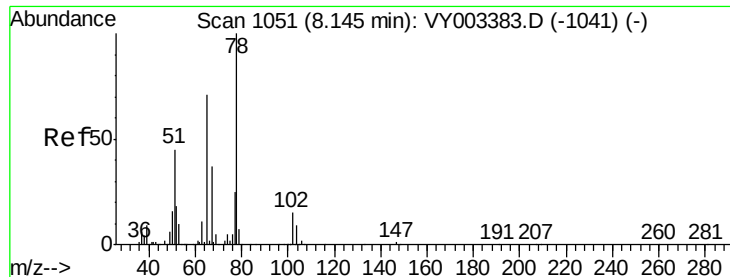
Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Tgt Ion:	97	Resp:	166211
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.9	76.3
61	41.5	33.7	50.5





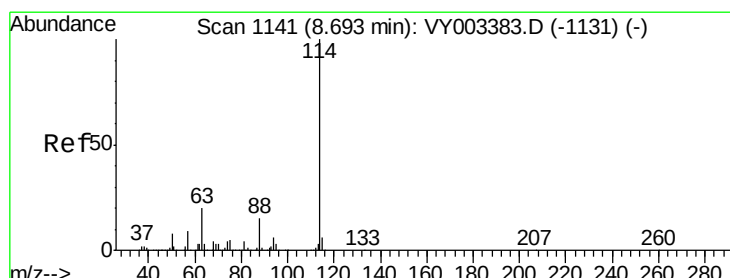
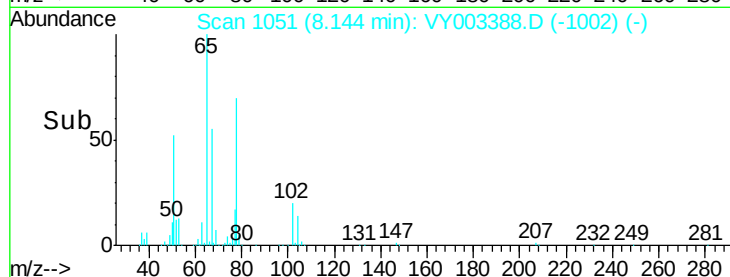
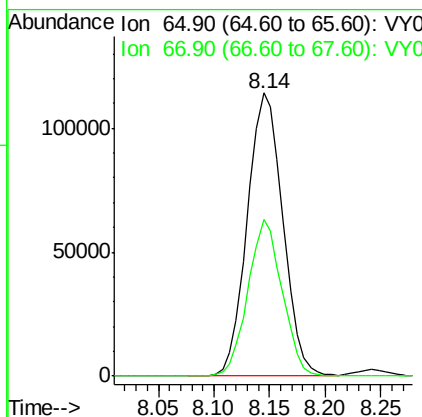
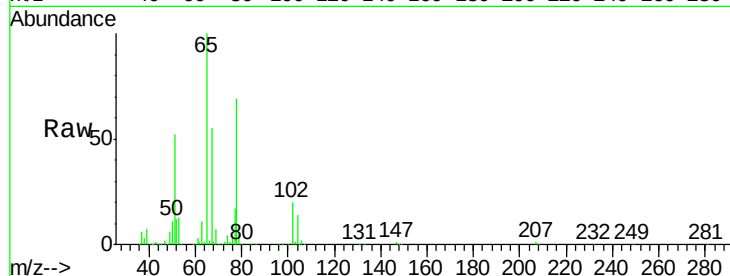
#33
 1,2-Dichloroethane-d4
 Concen: 51.222 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.6

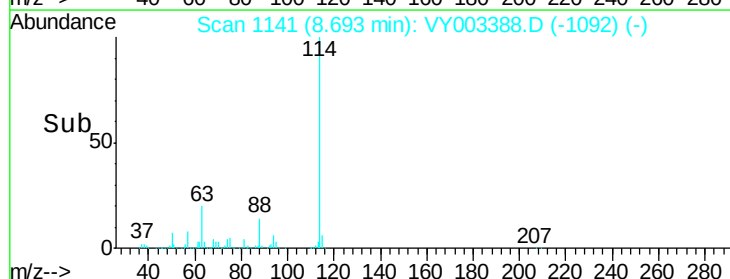
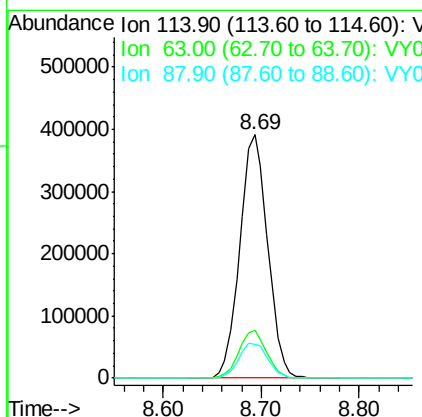
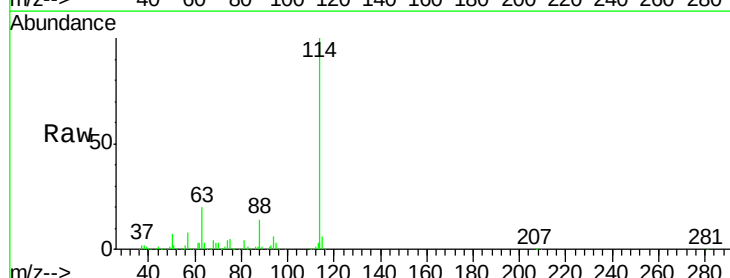
Manual Integrations
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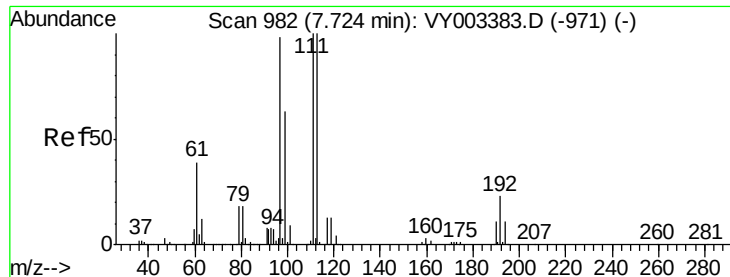
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 8/3/2020 12:37:35 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.6
88	14.1	0.0	29.2





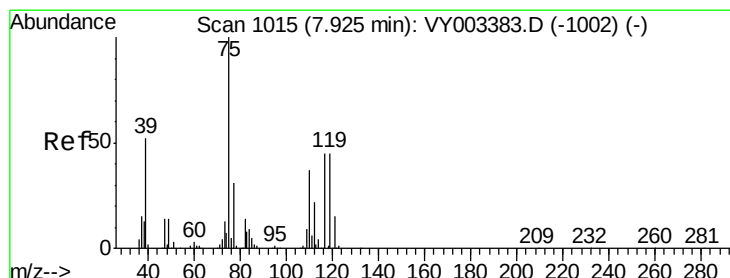
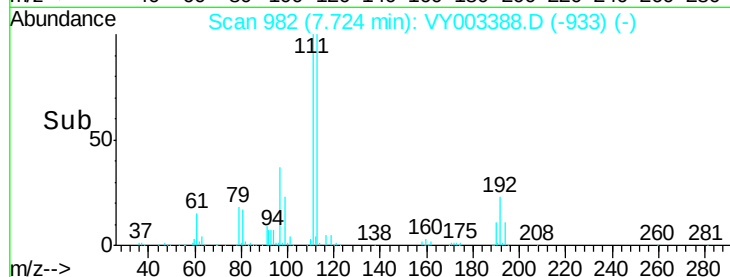
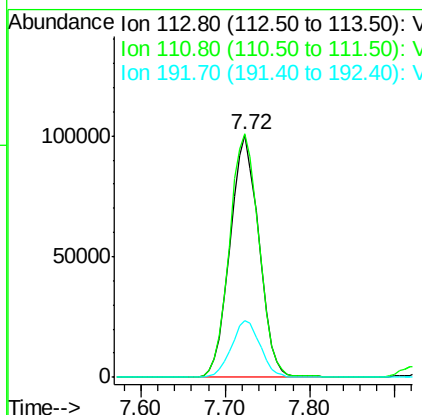
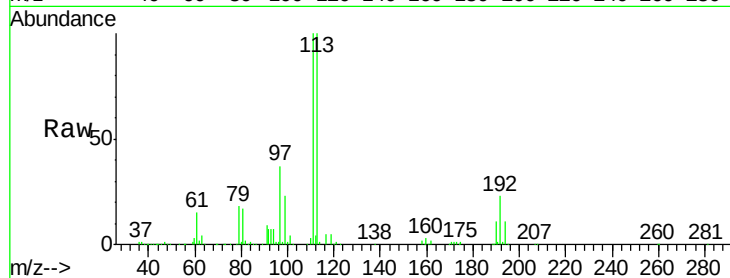
#35
Dibromofluoromethane
Concen: 51.285 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	233621		
111	102.9	83.0	124.4	
192	23.4	18.8	28.2	

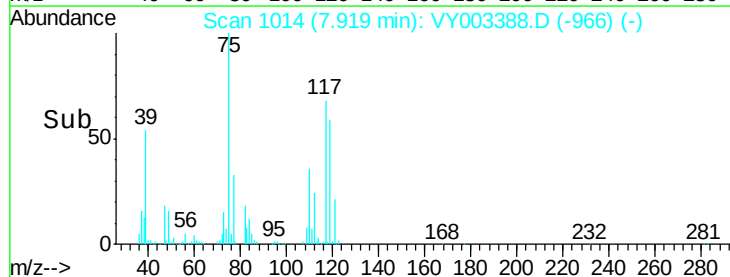
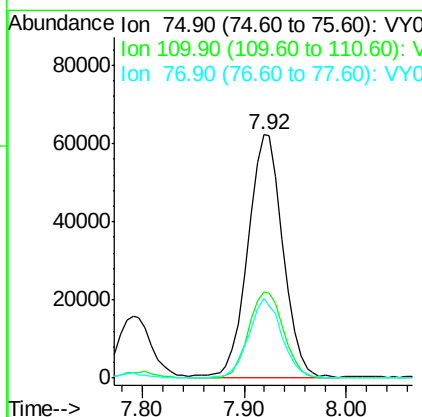
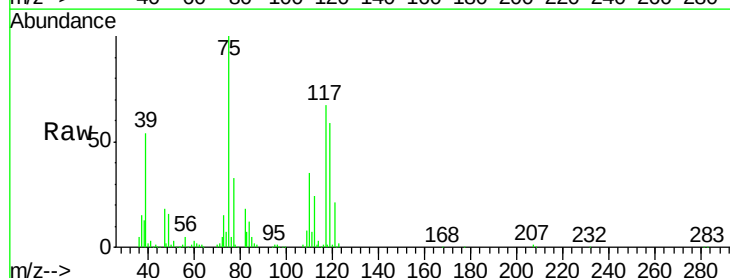
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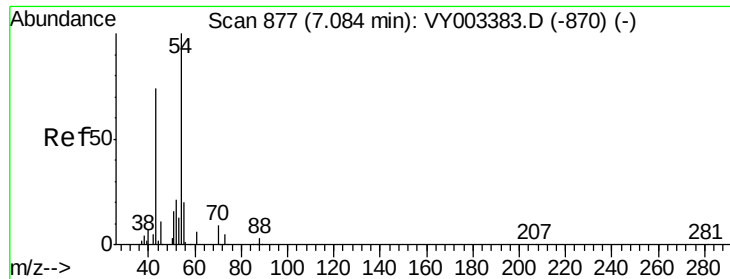
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#36
1,1-Dichloropropene
Concen: 20.184 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	147703		
110	35.6	17.8	53.5	
77	31.5	24.6	36.8	





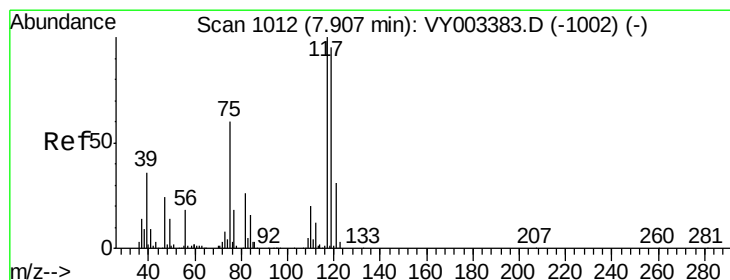
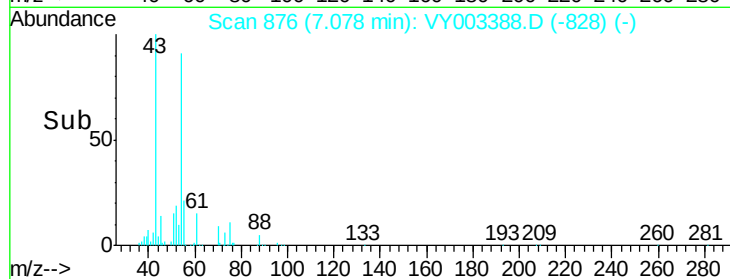
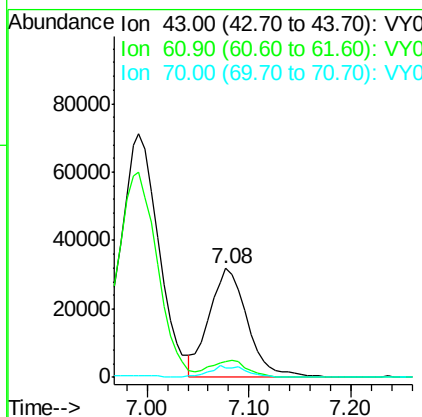
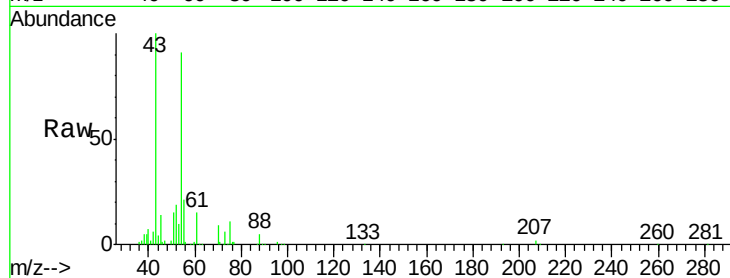
#37
Ethyl Acetate
Concen: 19.750 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.2	16.8
70	10.3	7.7	11.5

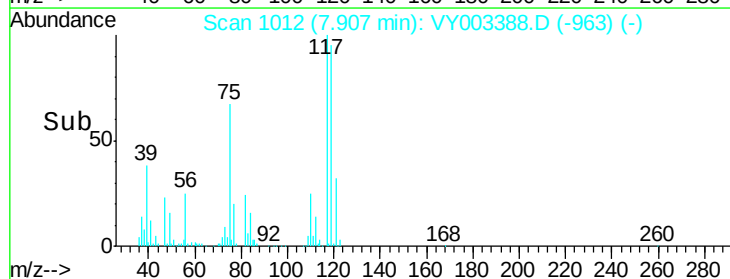
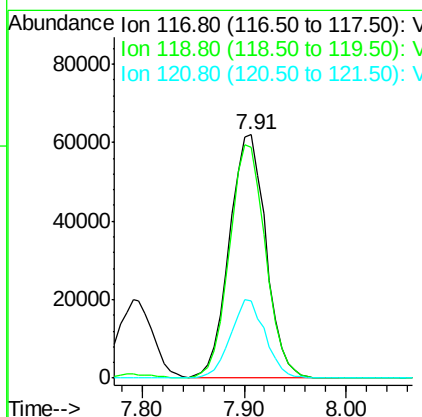
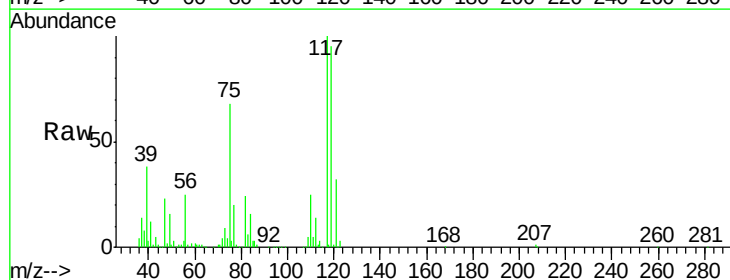
Manual Integrations
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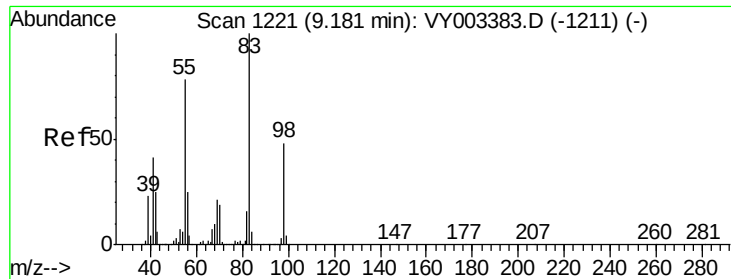
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#38
Carbon Tetrachloride
Concen: 20.473 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.1	114.1
121	31.8	24.5	36.7





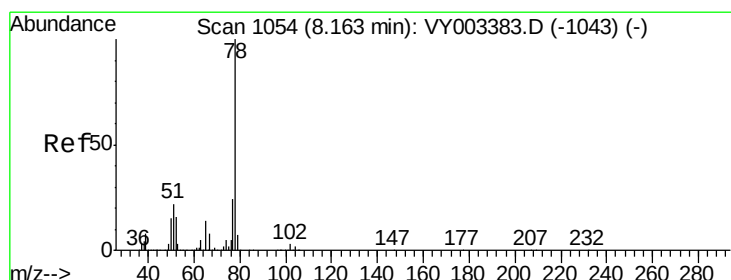
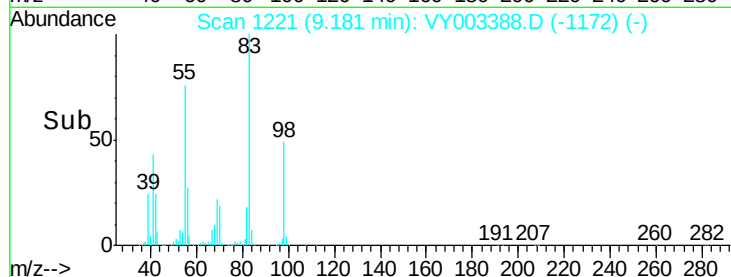
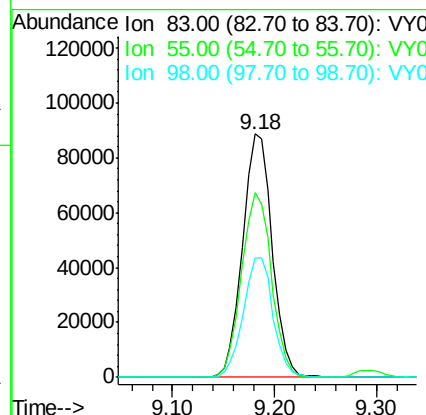
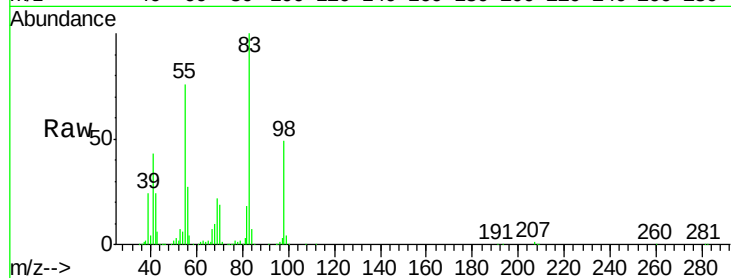
#39
Methylvlcyclohexane
Concen: 19.996 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	62.2	93.4
98	48.9	38.7	58.1

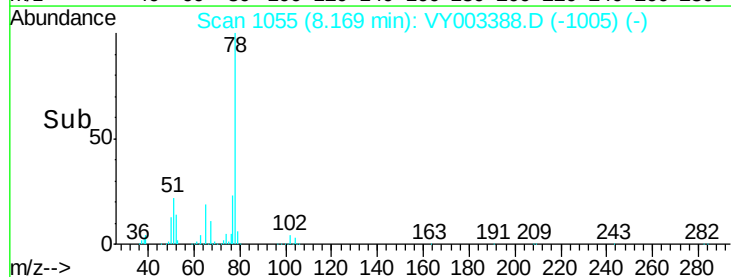
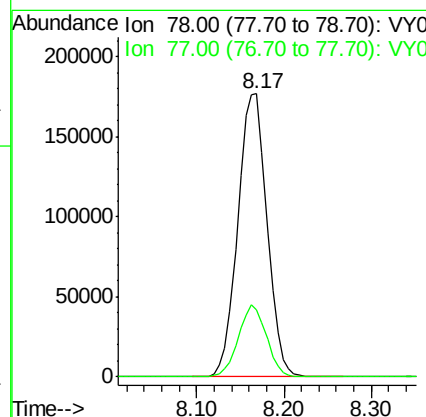
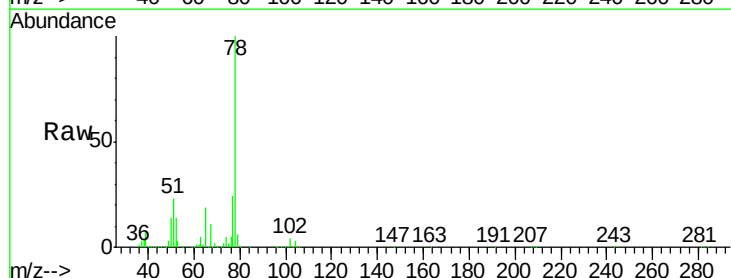
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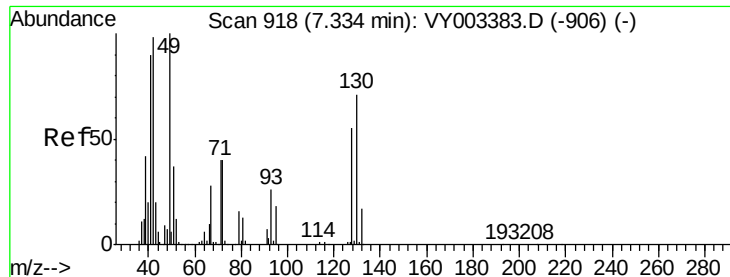
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#40
Benzene
Concen: 20.250 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.5	29.3





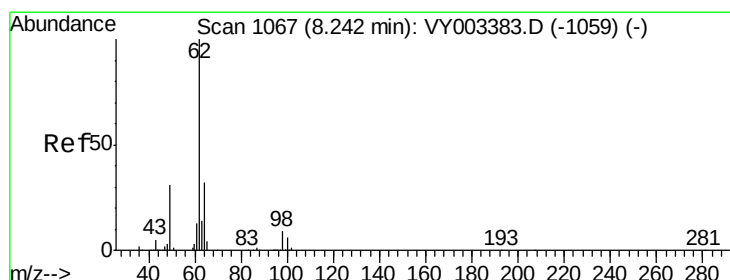
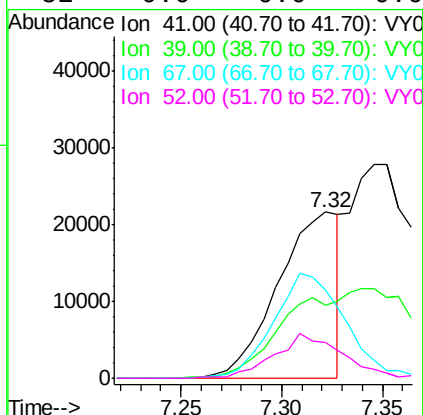
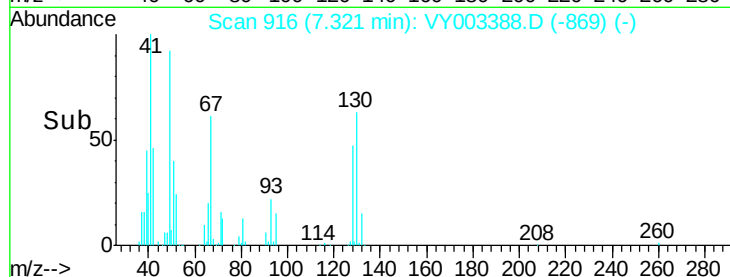
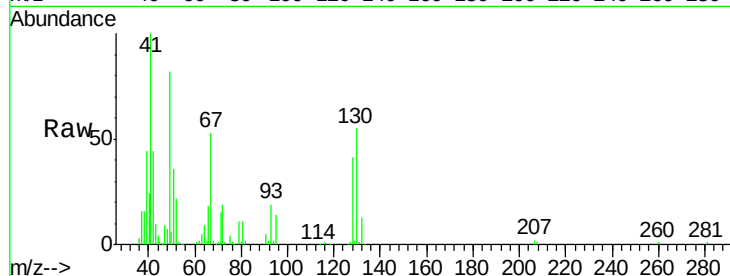
#41
Methacrylonitrile
Concen: 19.245 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	41	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	

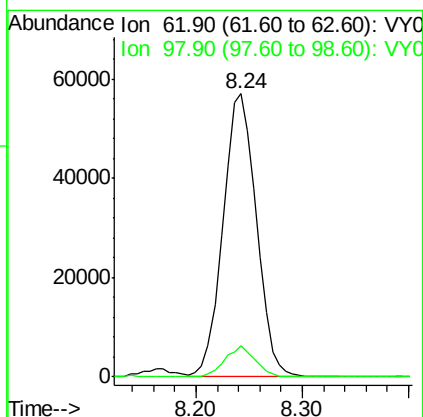
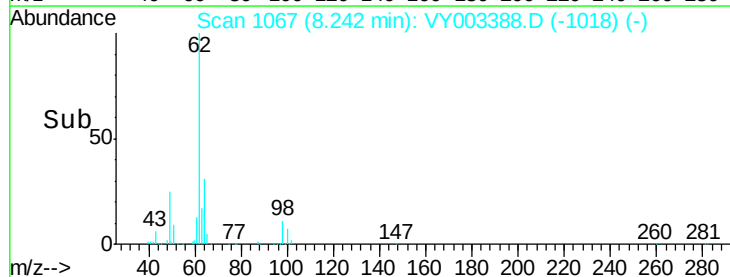
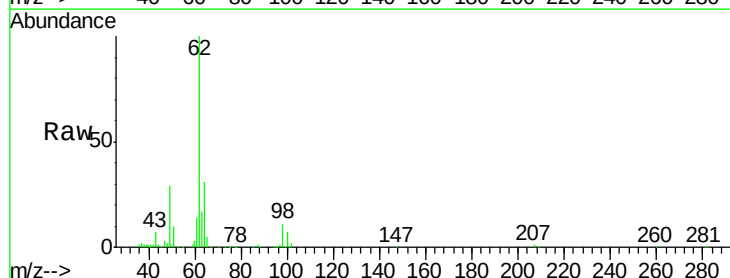
Manual Integrations
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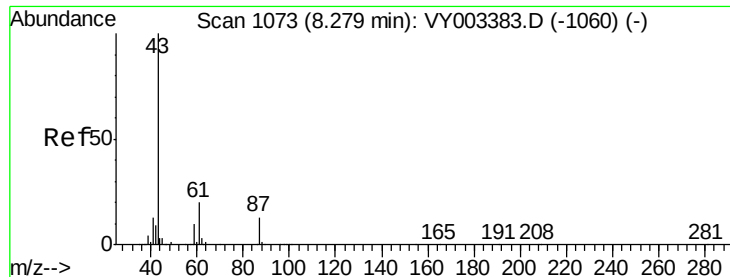
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#42
1,2-Dichloroethane
Concen: 20.203 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	62	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.0	





#43

Isopropyl Acetate

Concen: 19.534 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

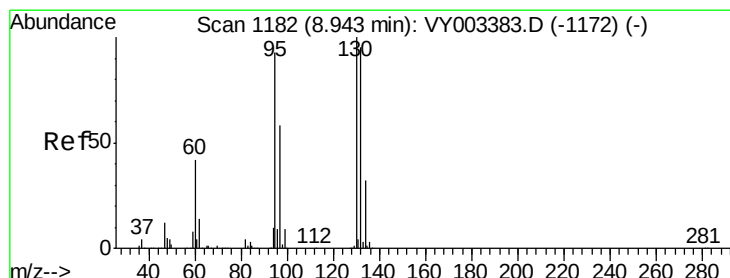
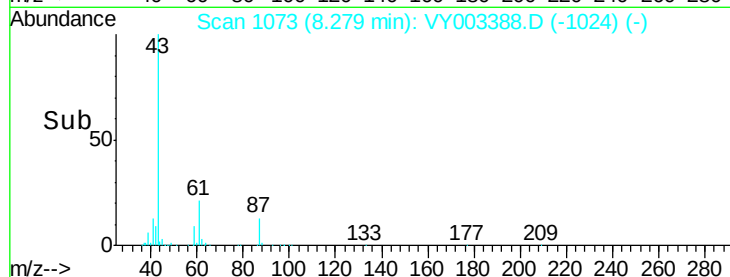
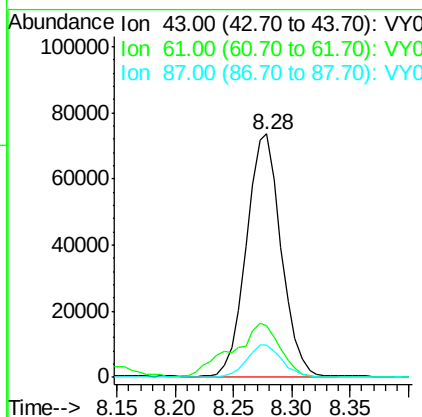
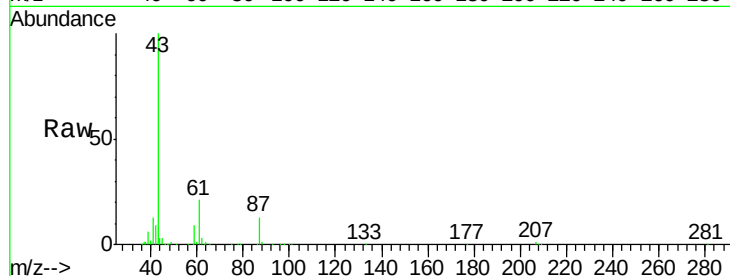
ClientSampleId :

VY0731SBS01

Tot Ion:	43	Resp:	153418
Ion	Ratio	Lower	Upper
43	100		
61	30.6	23.0	34.4
87	13.6	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 20.449 ug/l

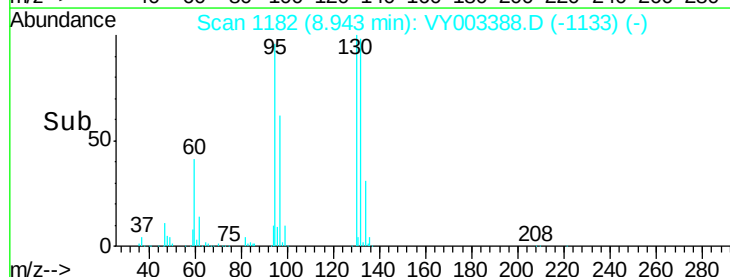
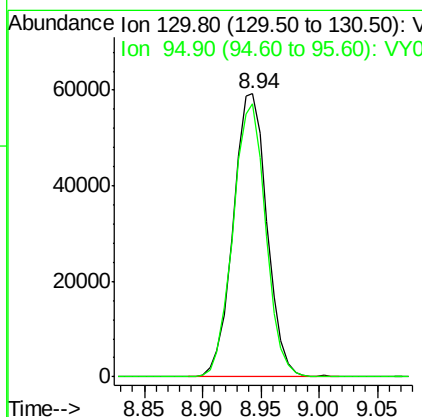
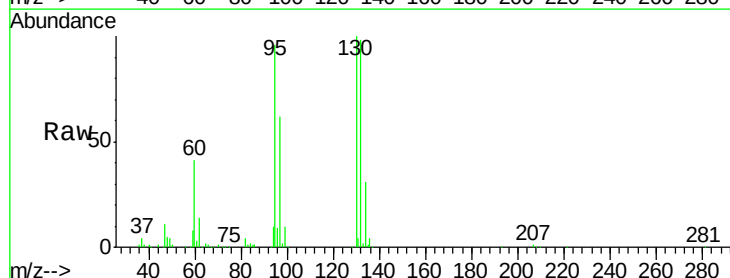
RT: 8.94 min Scan# 1182

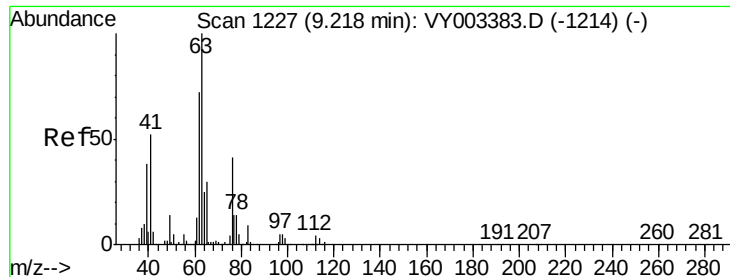
Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Tgt Ion:	130	Resp:	119417
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	186.8





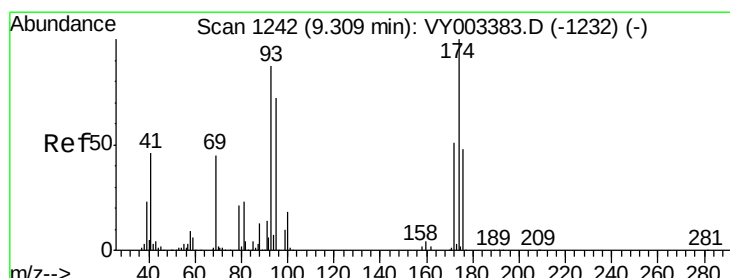
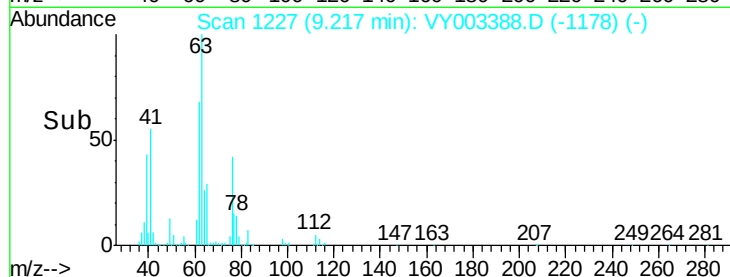
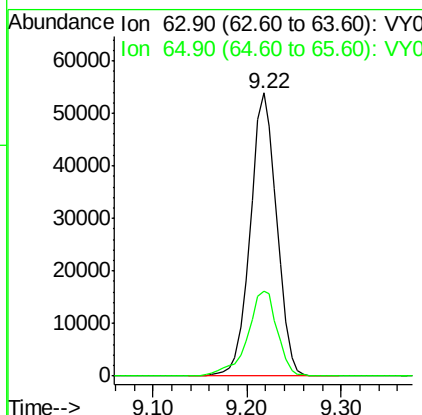
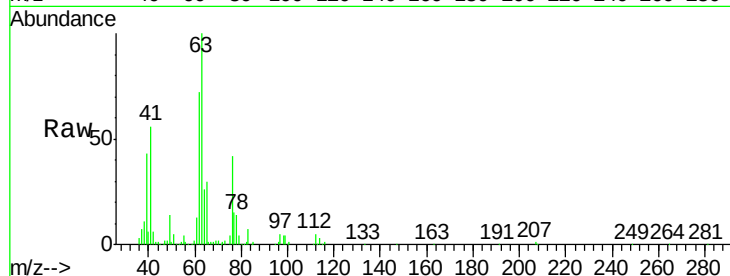
#45
 1,2-Dichloropropane
 Concen: 20.010 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.8	35.8

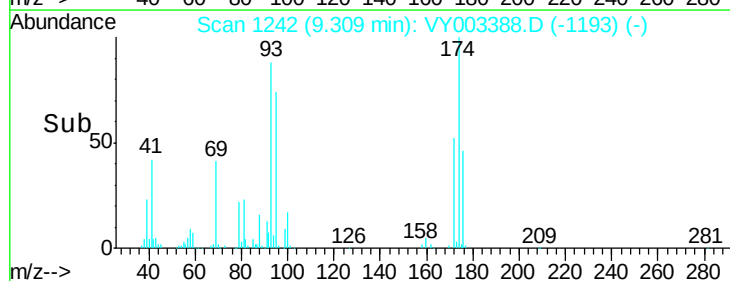
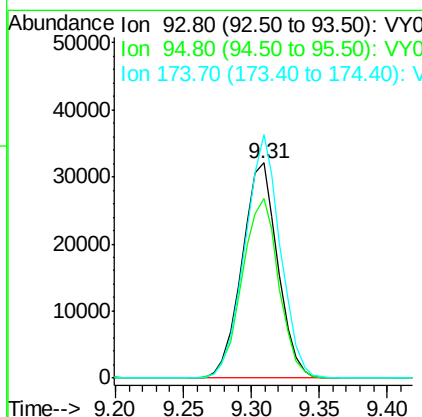
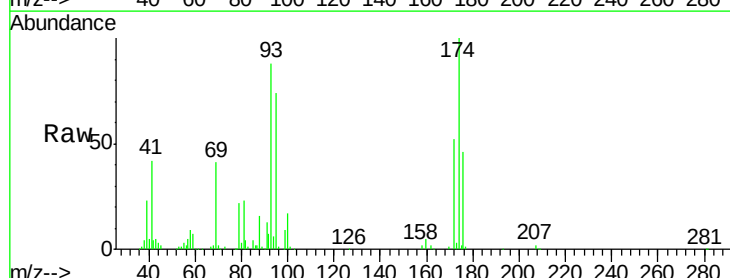
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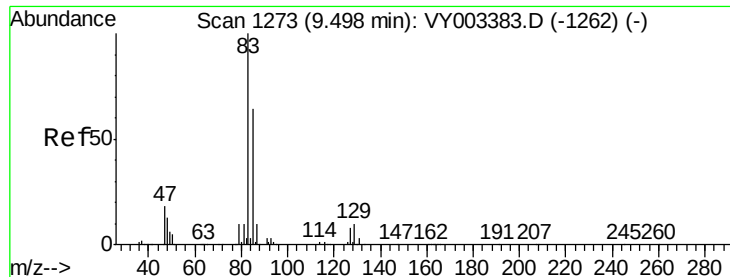
MMDadoda
 8/3/2020 12:37:35 PM



#46
 Dibromomethane
 Concen: 19.754 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.7	65.4	98.0
174	112.1	88.6	133.0





#47

Bromodichloromethane

Concen: 19.932 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

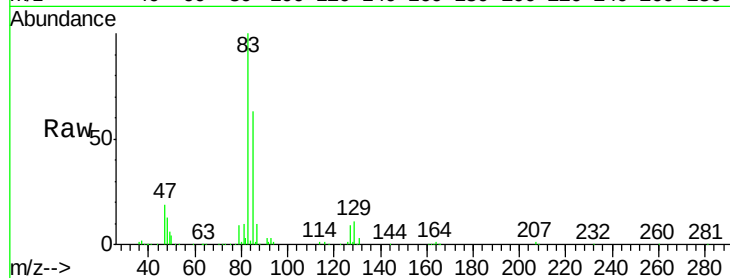
ClientSampleId :

VY0731SBS01

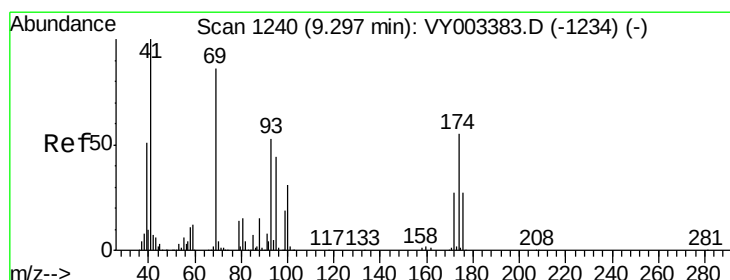
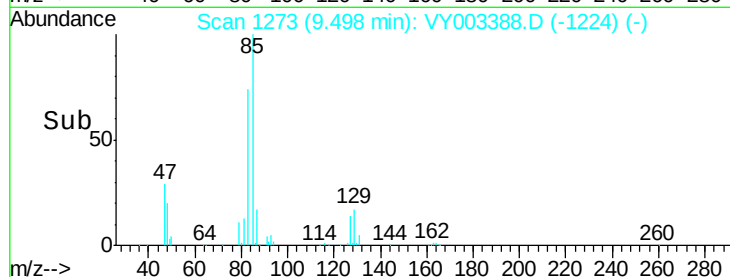
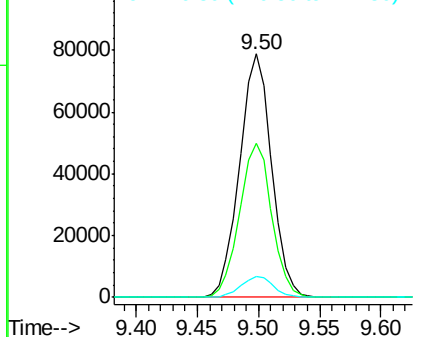
Tot Ion:	83	Resp:	143287
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.6	77.4
127	8.8	6.5	9.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.575 ug/l

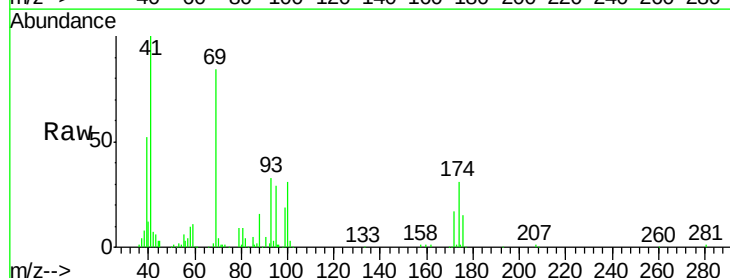
RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

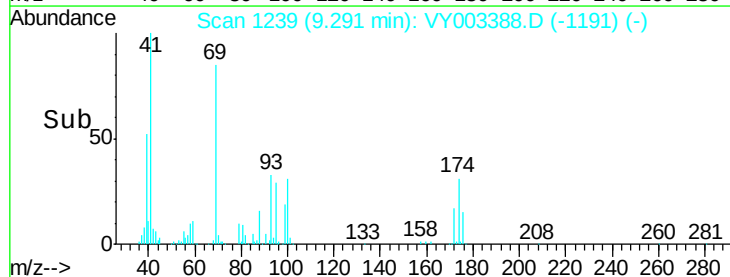
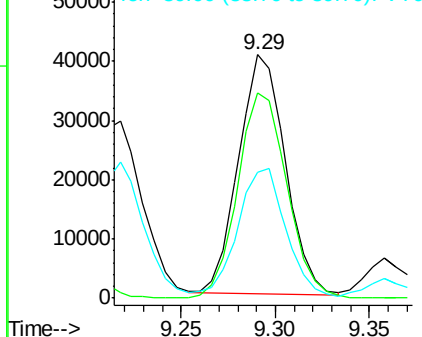
Lab File: VY003388.D

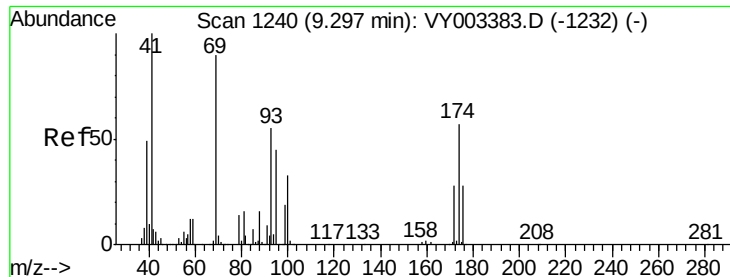
Acq: 31 Jul 2020 14:46

Tgt Ion:	41	Resp:	69397
Ion	Ratio	Lower	Upper
41	100		
69	90.7	68.9	103.3
39	56.6	43.1	64.7



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





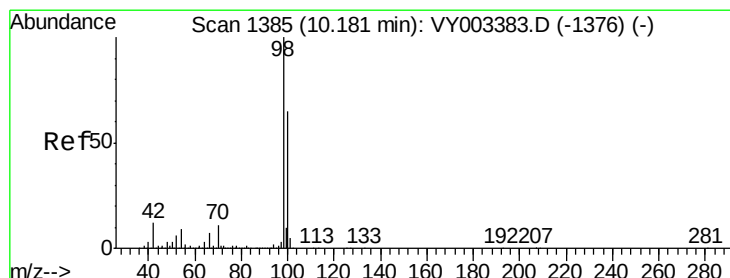
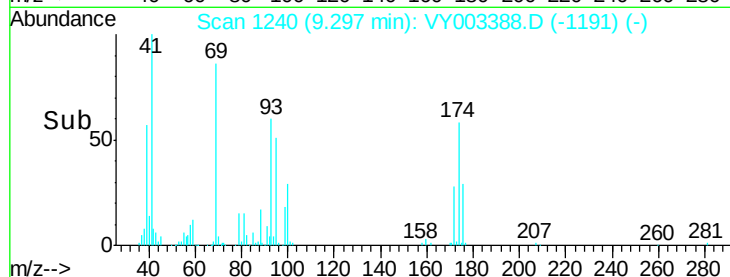
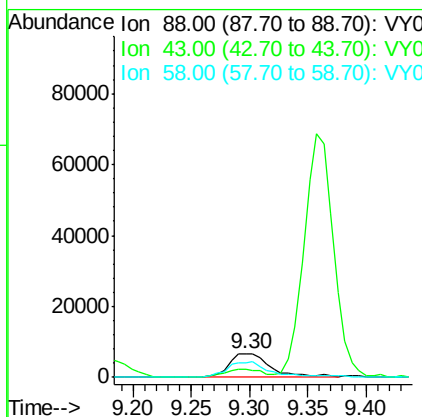
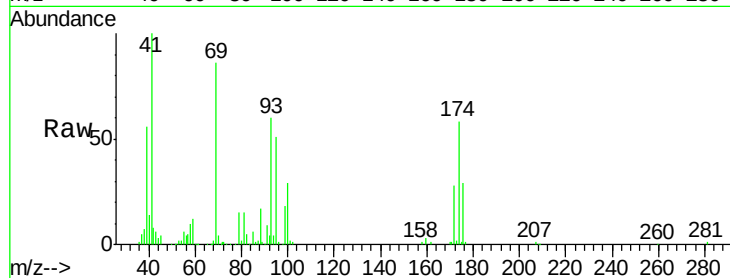
#49
1,4-Dioxane
Concen: 431.861 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.9	37.3
58	71.5	54.3	81.5

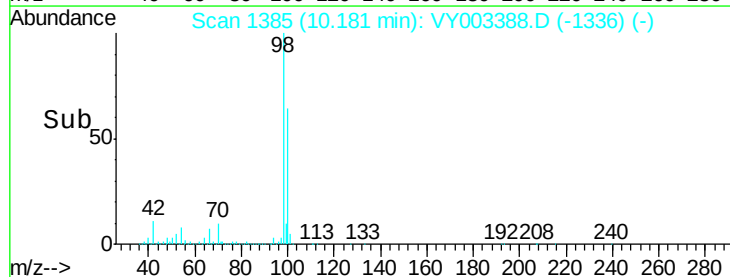
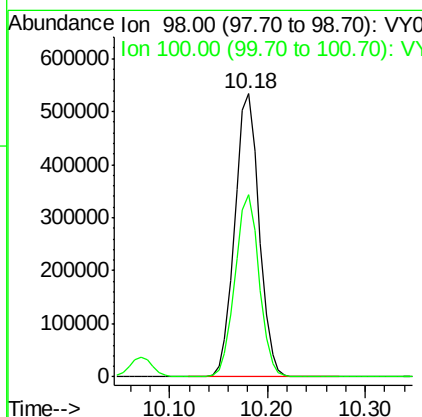
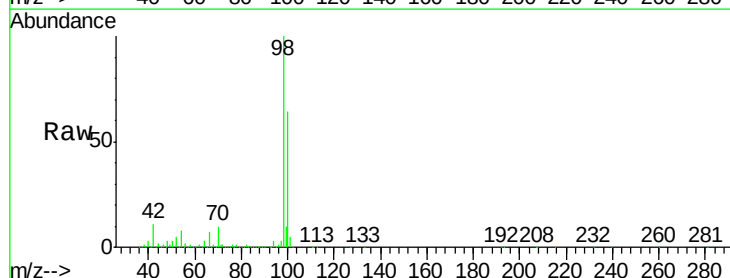
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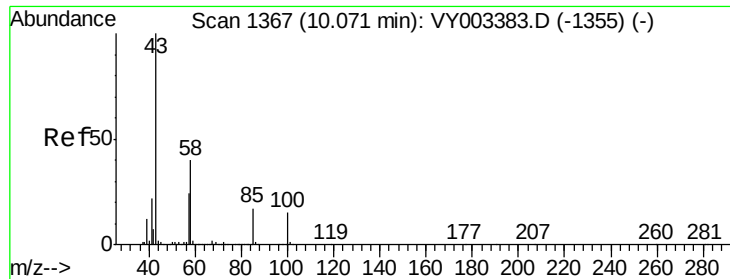
MMDadoda
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#50
Toluene-d8
Concen: 51.701 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 100.439 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 43 Resp: 413391

Ion Ratio Lower Upper

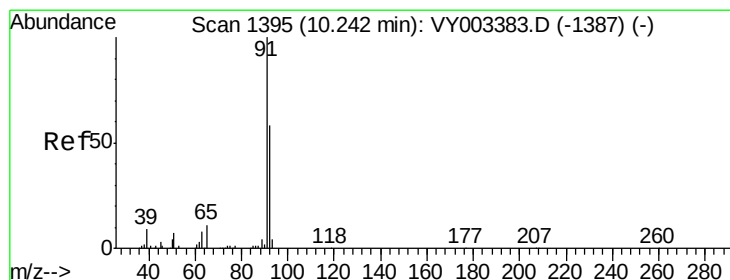
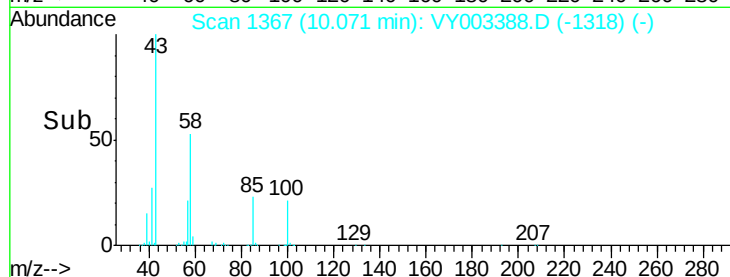
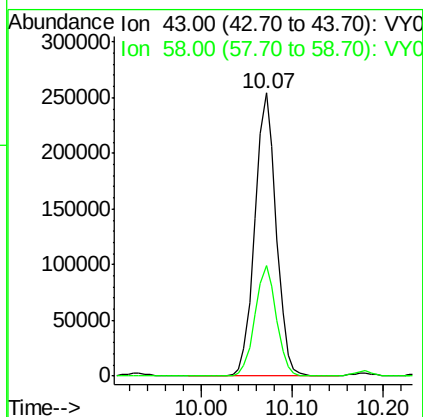
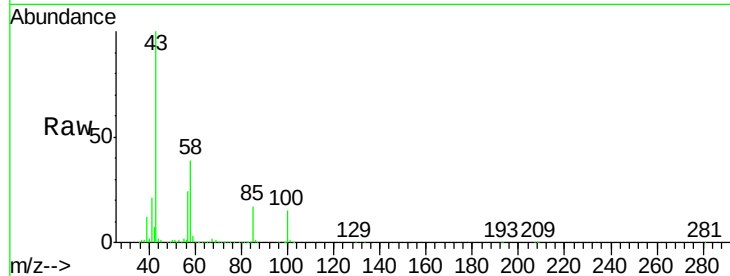
43 100

58 39.3 31.6 47.4

Manual Integrations
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#52

Toluene

Concen: 20.246 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003388.D

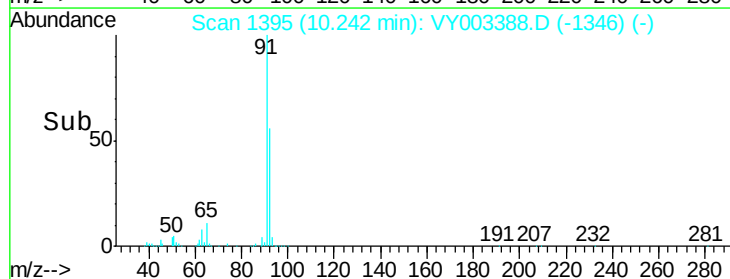
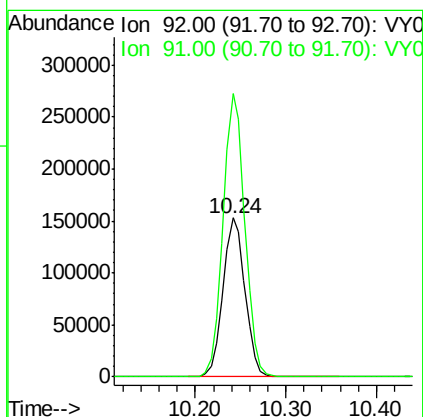
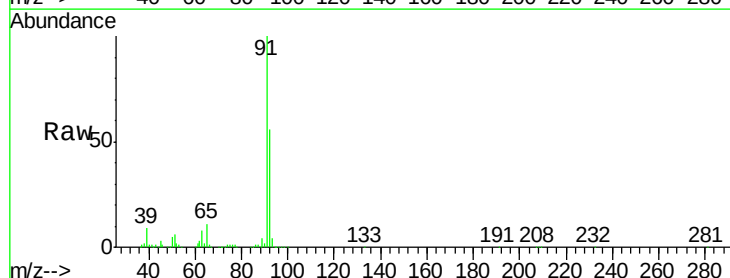
Acq: 31 Jul 2020 14:46

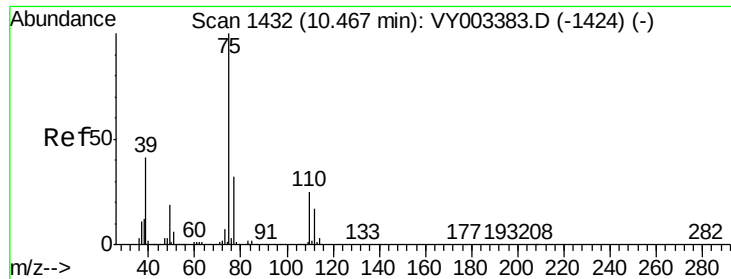
Tgt Ion: 92 Resp: 257819

Ion Ratio Lower Upper

92 100

91 176.5 139.4 209.0





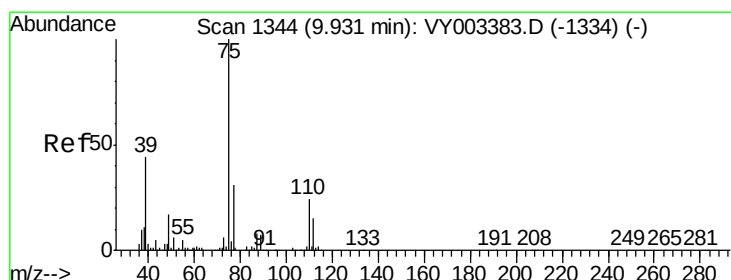
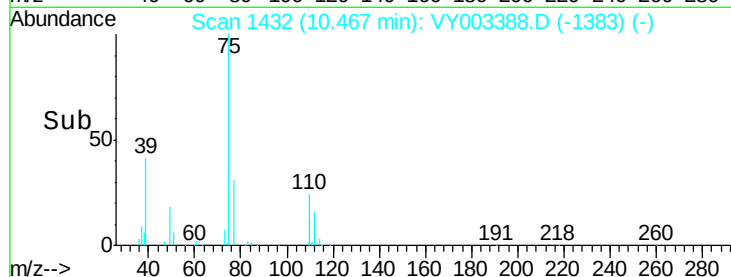
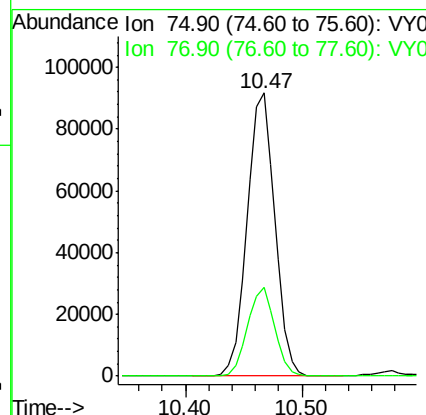
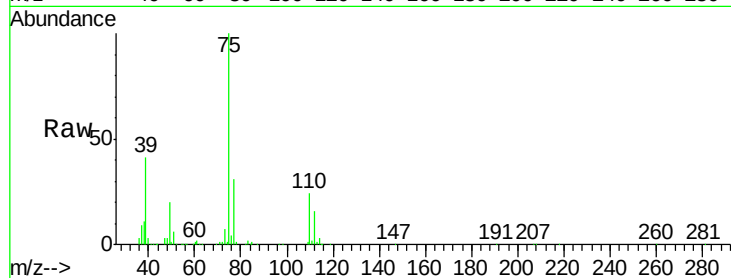
#53
t-1,3-Dichloropropene
Concen: 20.012 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2

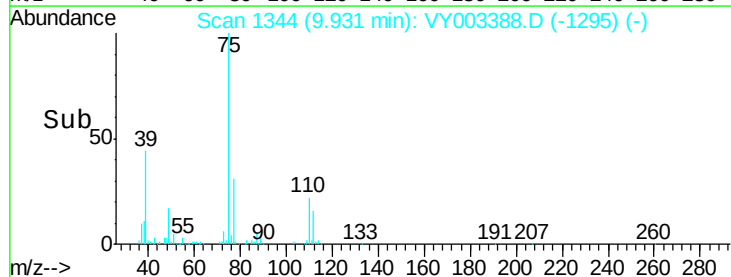
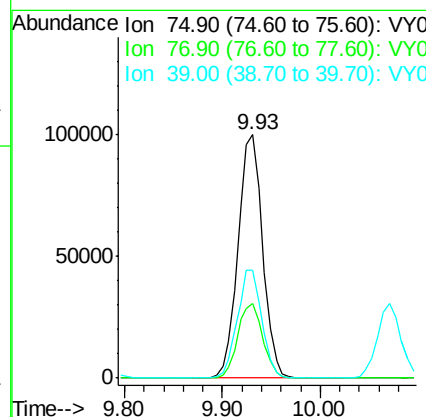
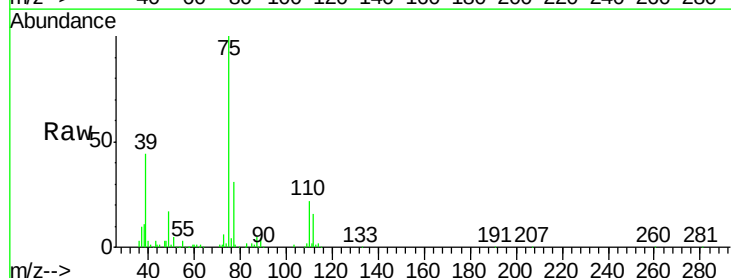
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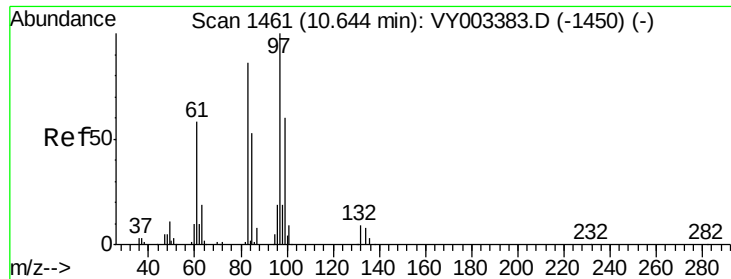
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.135 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.8	37.2
39	44.3	34.8	52.2





#55

1,1,2-Trichloroethane

Concen: 20.359 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

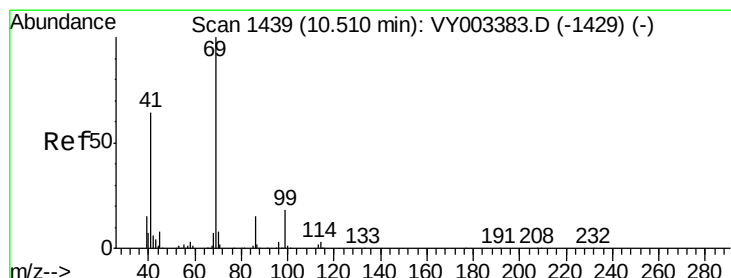
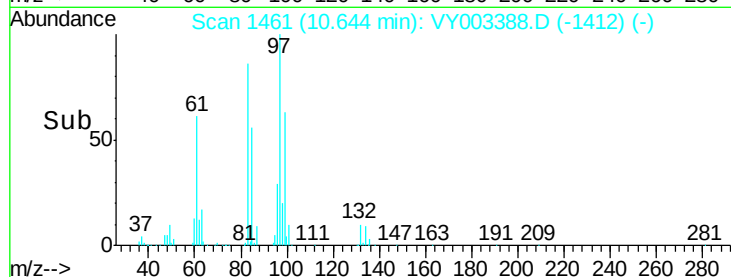
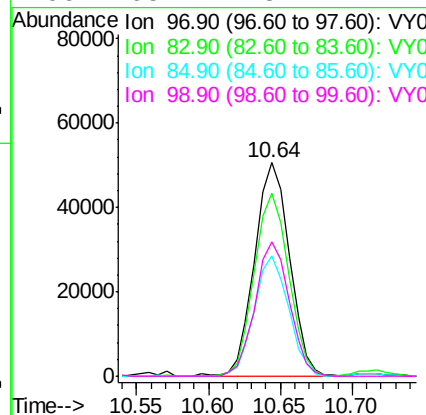
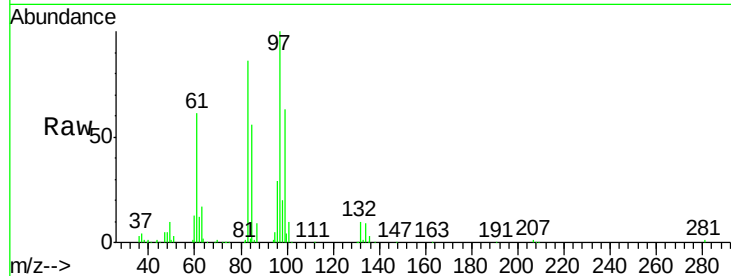
ClientSampleId :

VY0731SBS01

Tot Ion:	97	Resp:	85192
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.1	103.7
85	56.2	42.5	63.7
99	63.1	48.2	72.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.905 ug/l

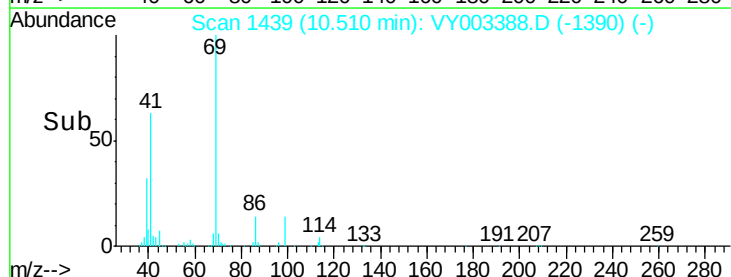
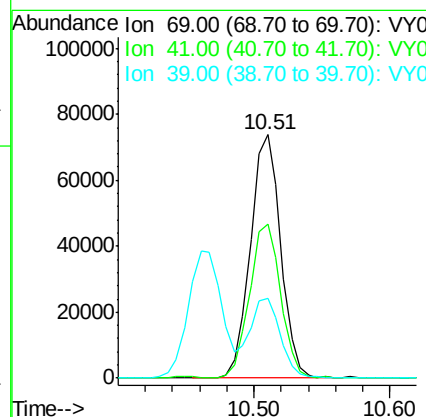
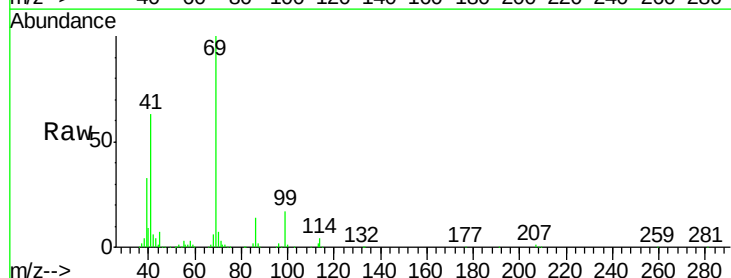
RT: 10.51 min Scan# 1439

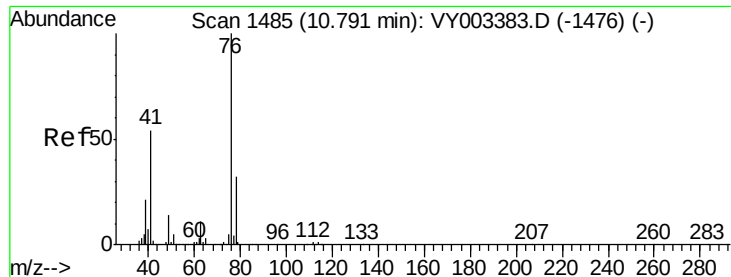
Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Tgt Ion:	69	Resp:	115309
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.2	78.4
39	33.5	24.7	37.1





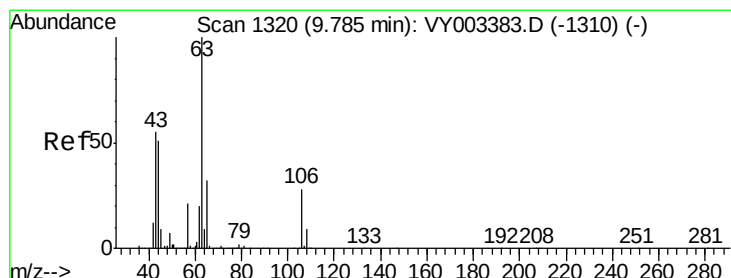
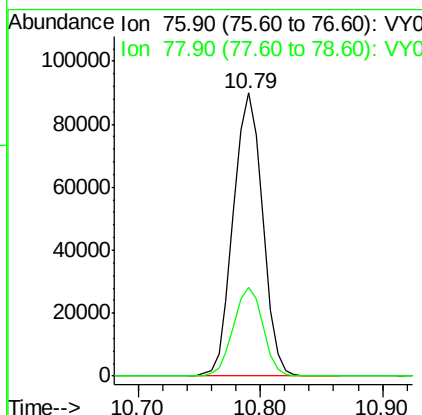
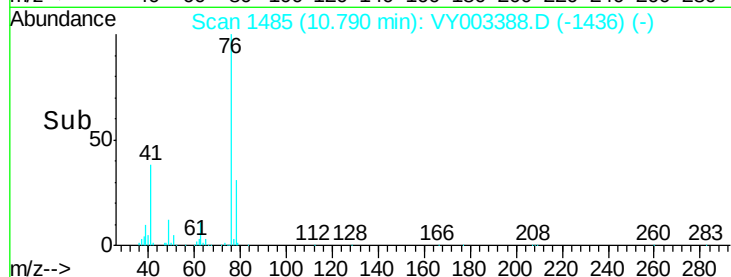
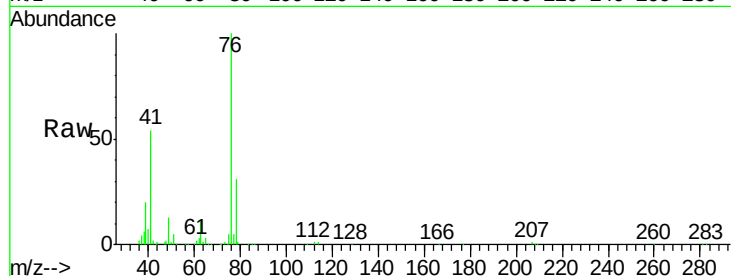
#57
 1,3-Dichloropropane
 Concen: 20.514 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.1	39.1

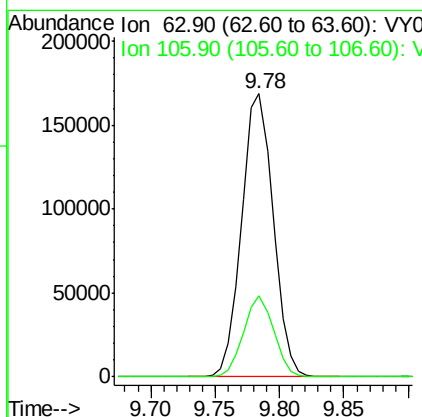
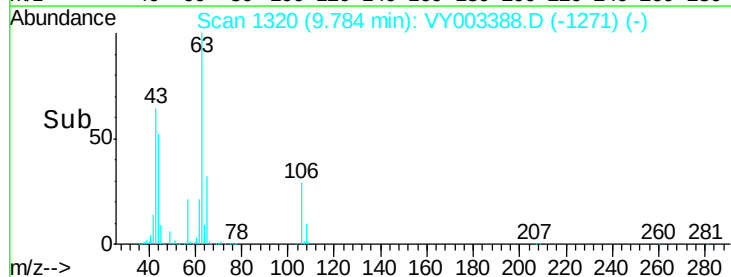
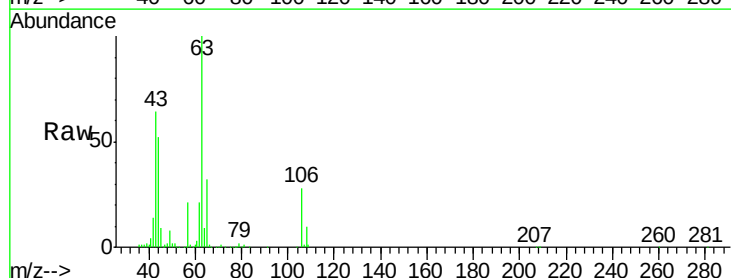
Manual Integrations
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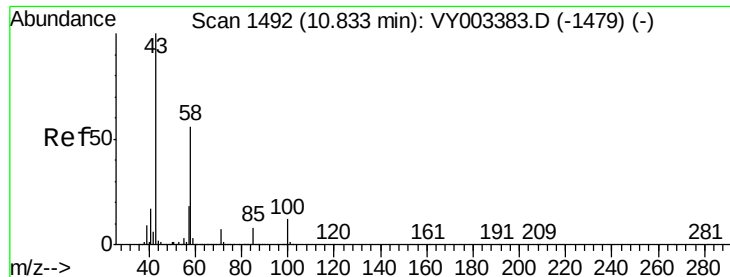
MMDadoda
 8/3/2020 12:37:35 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.546 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.8	32.6





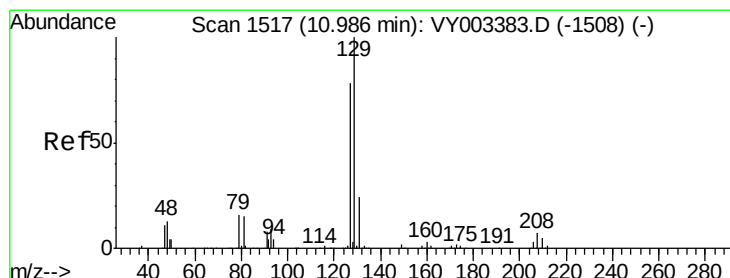
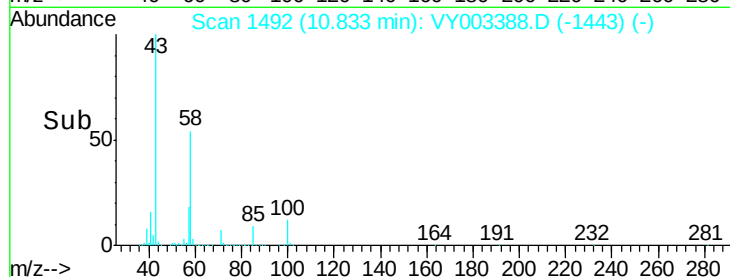
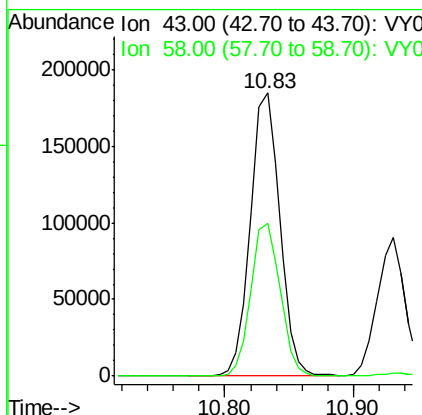
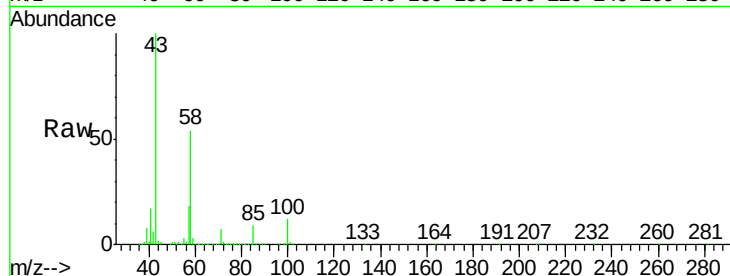
#59
2-Hexanone
Concen: 101.295 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion: 43 Resp: 290554
Ion Ratio Lower Upper
43 100
58 54.2 27.6 82.8

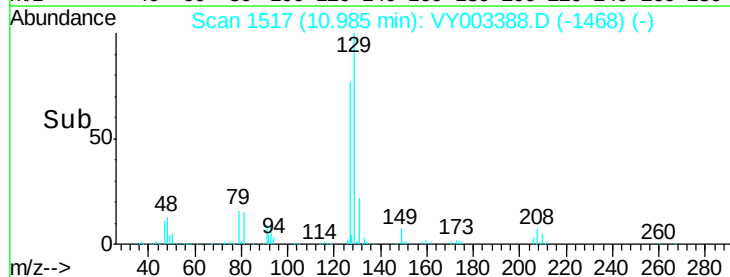
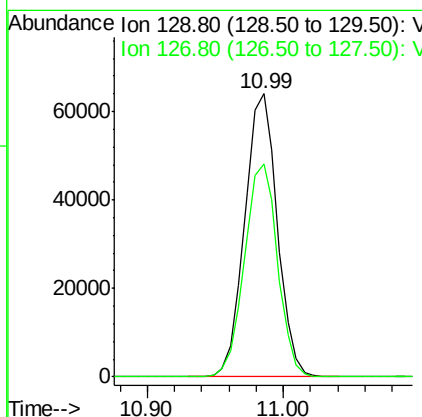
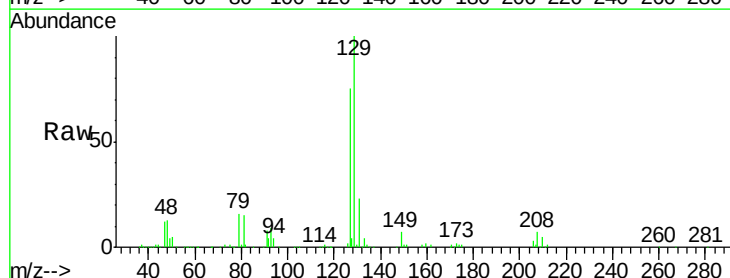
Manual Integrations
APPROVED

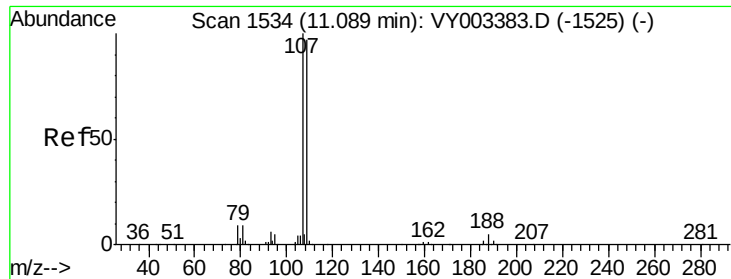
MMDadoda
8/3/2020 12:37:35 PM



#60
Dibromochloromethane
Concen: 20.459 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion: 129 Resp: 107511
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1





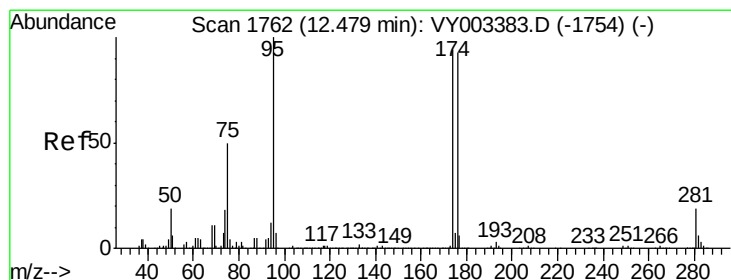
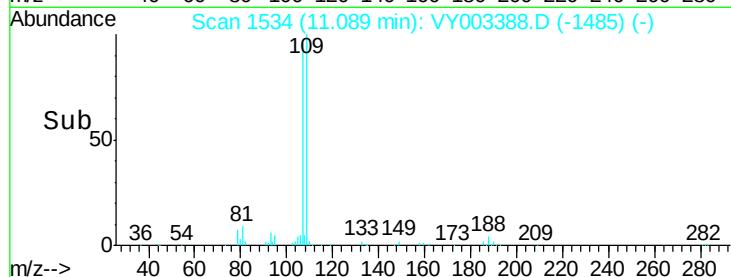
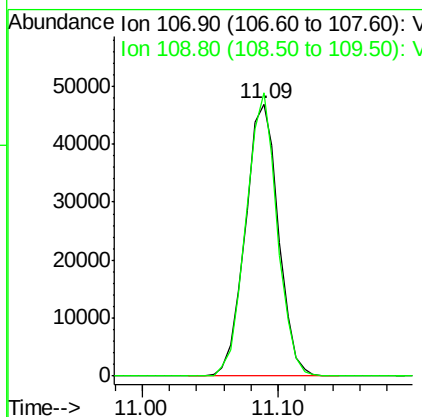
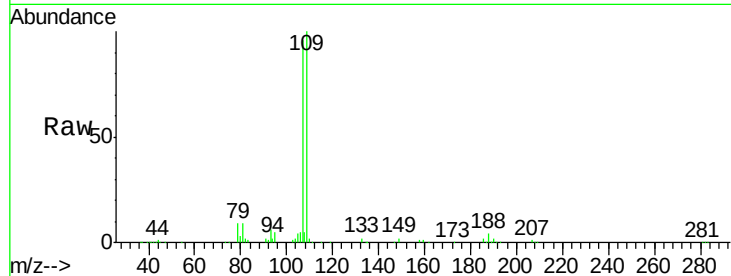
#61
1,2-Dibromoethane
Concen: 19.801 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.6	75.5	113.3

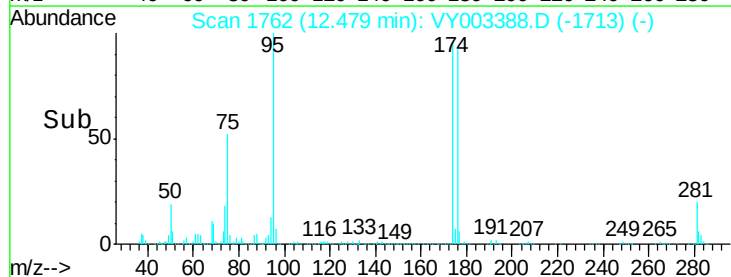
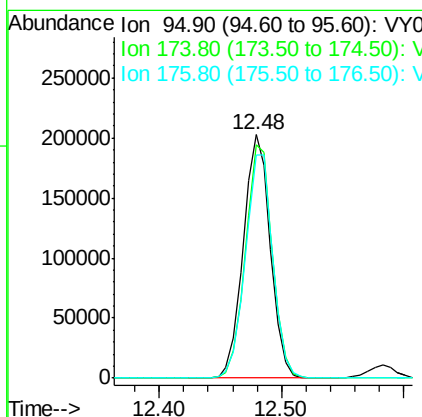
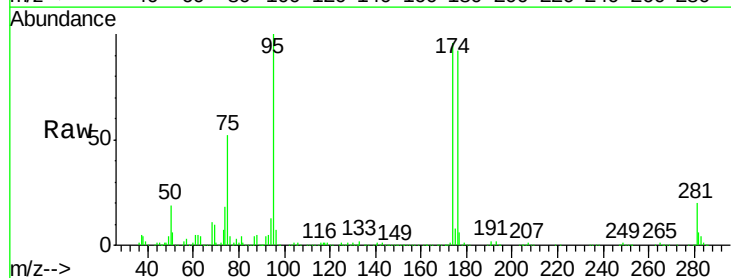
Manual Integrations
APPROVED

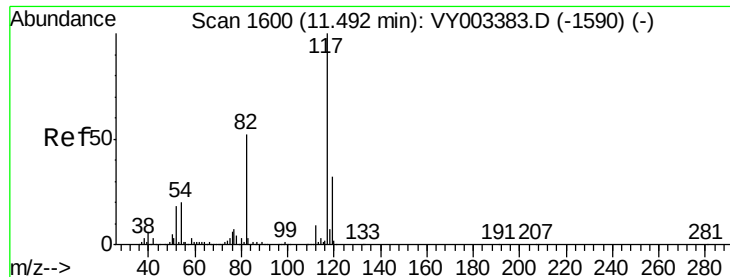
MMDadoda
8/3/2020 12:37:35 PM



#62
4-Bromofluorobenzene
Concen: 50.683 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	190.0
176	93.7	0.0	184.4





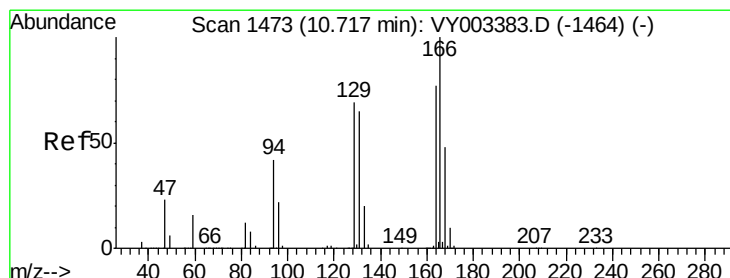
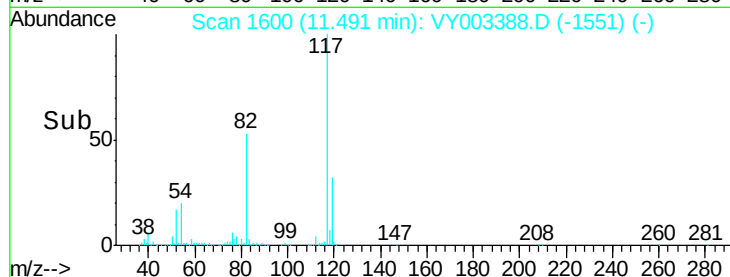
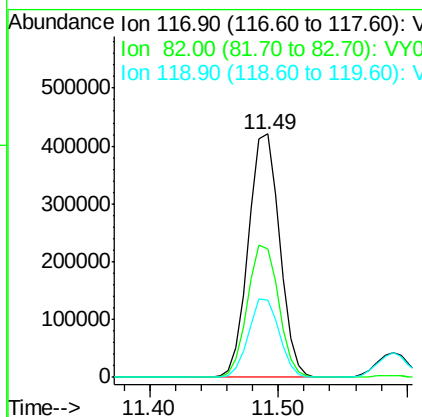
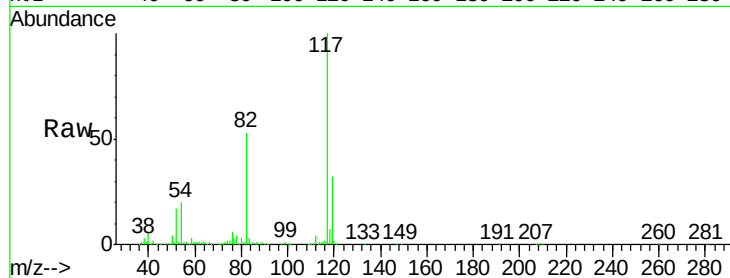
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	701736		
82	52.8		41.9	62.9
119	31.9		25.4	38.0

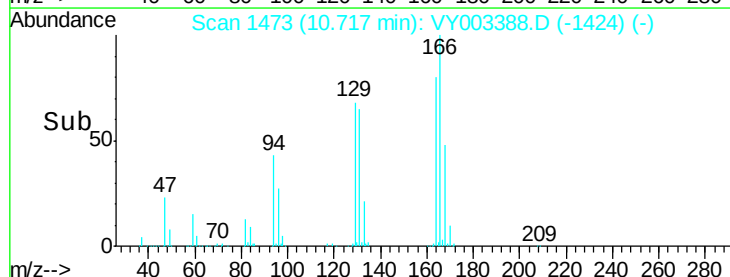
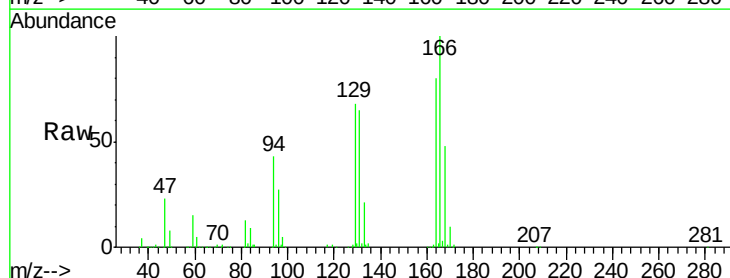
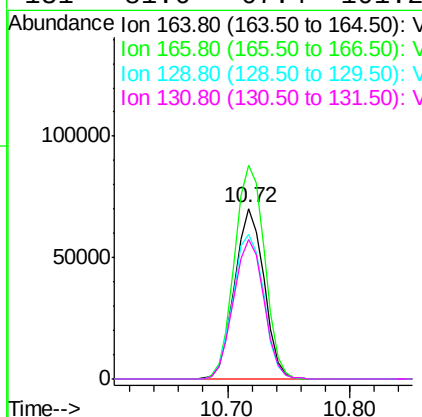
Manual Integrations
APPROVED

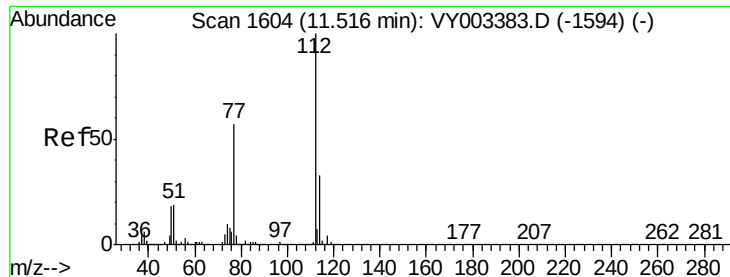
MMDadoda
8/3/2020 12:37:35 PM



#64
Tetrachloroethene
Concen: 19.951 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	117041		
166	125.4		103.3	154.9
129	85.0		71.2	106.8
131	81.6		67.4	101.2





#65

Chlorobenzene

Concen: 20.434 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion:112 Resp: 281382

Ion Ratio Lower Upper

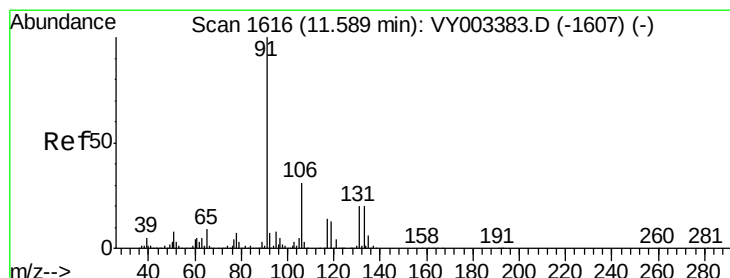
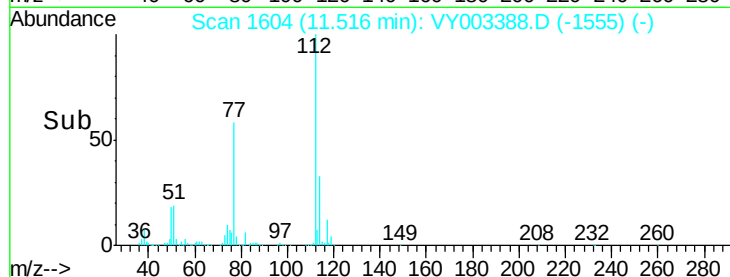
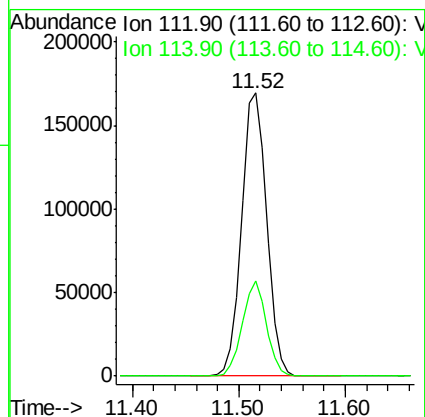
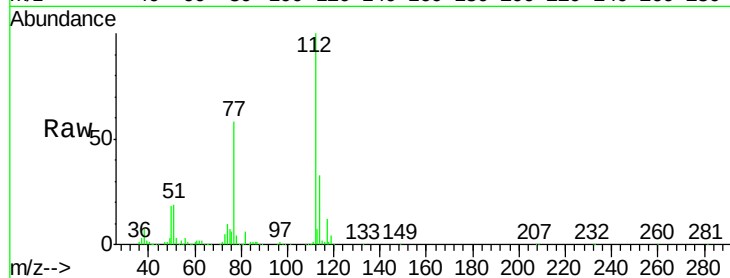
112 100

114 33.5 26.1 39.1

Manual Integrations
APPROVED

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8/3/2020 12:37:35 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.225 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

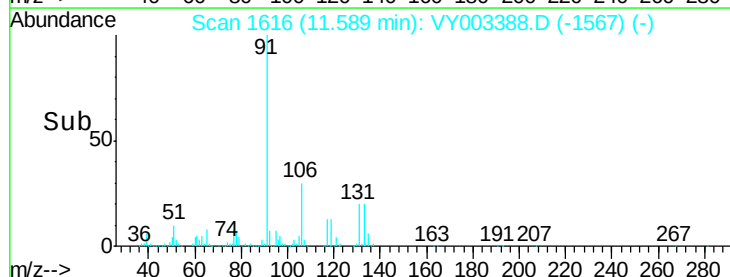
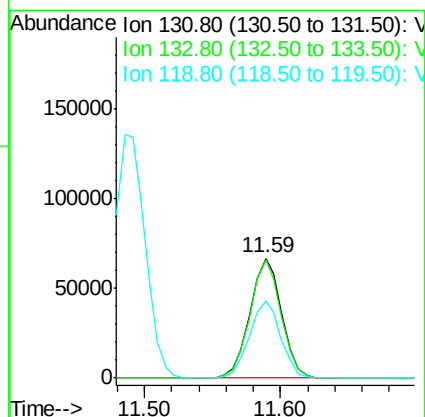
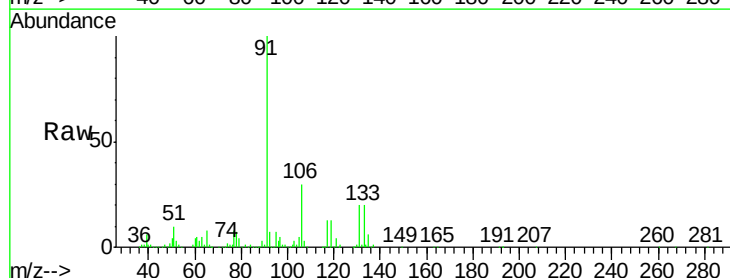
Tgt Ion:131 Resp: 108331

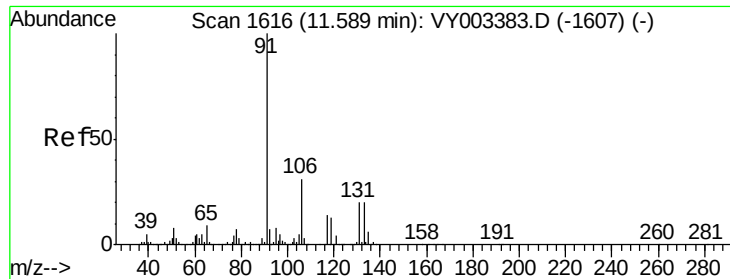
Ion Ratio Lower Upper

131 100

133 97.3 48.1 144.3

119 64.2 32.0 96.2





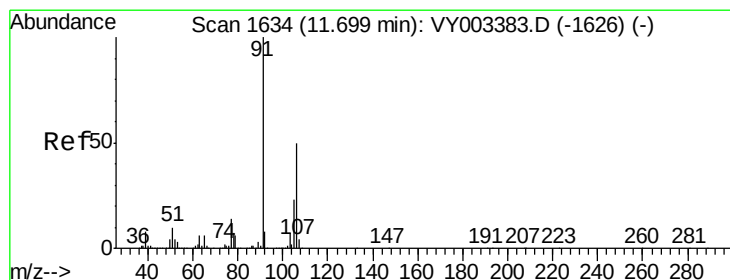
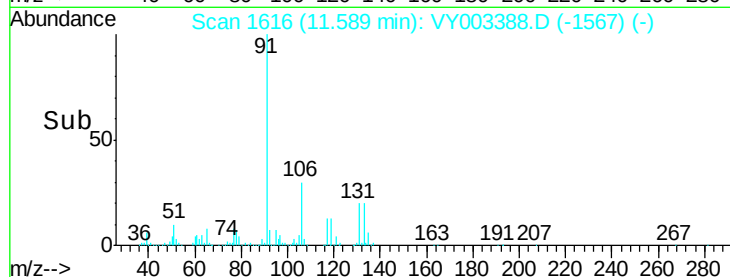
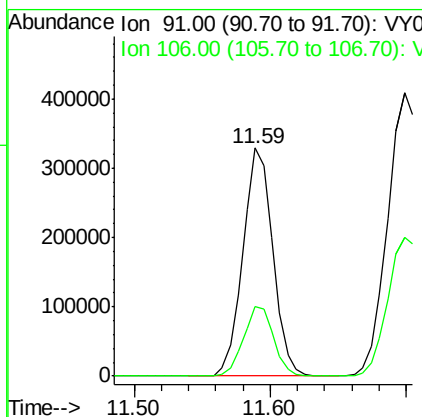
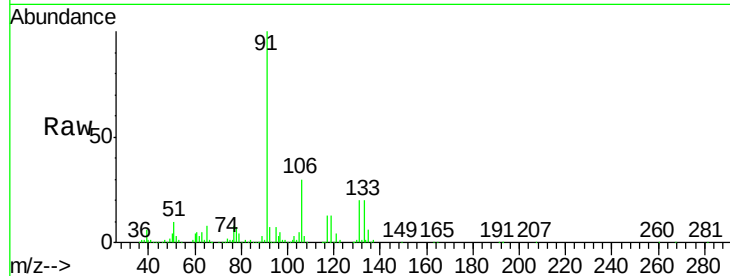
#67
Ethyl Benzene
Concen: 20.354 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6

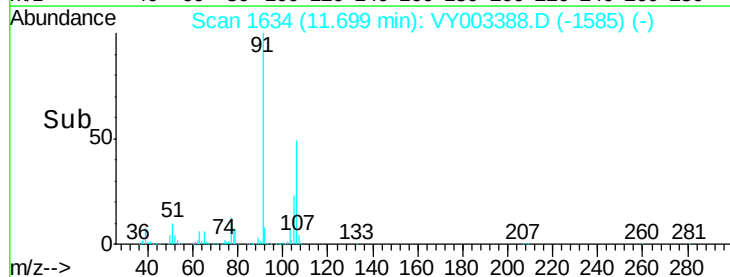
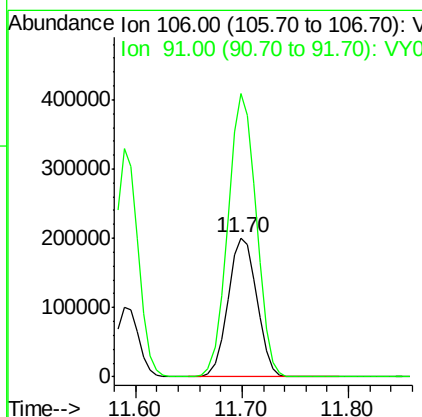
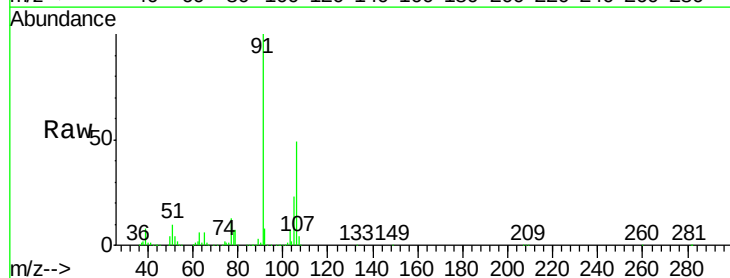
Manual Integrations
APPROVED

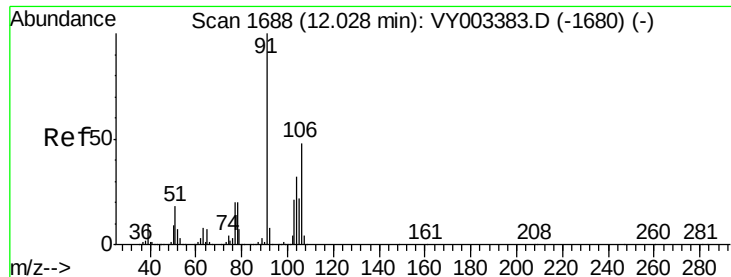
MMDadoda
8/3/2020 12:37:35 PM



#68
m/p-Xylenes
Concen: 40.694 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.1	161.0	241.6





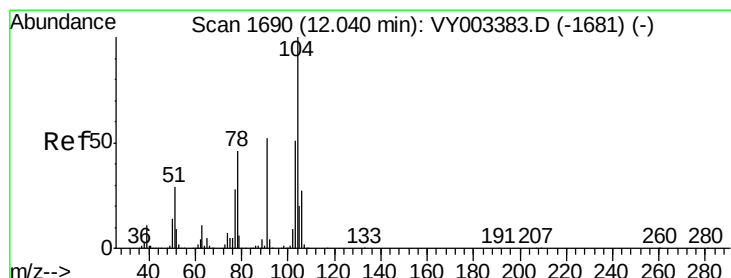
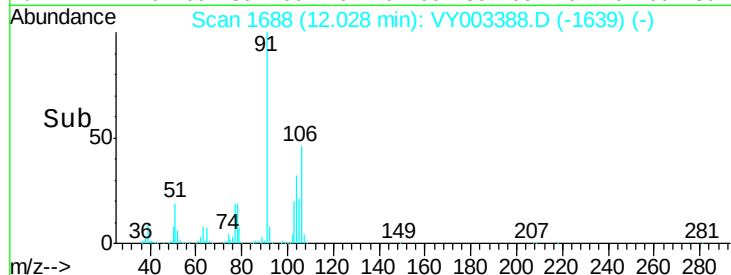
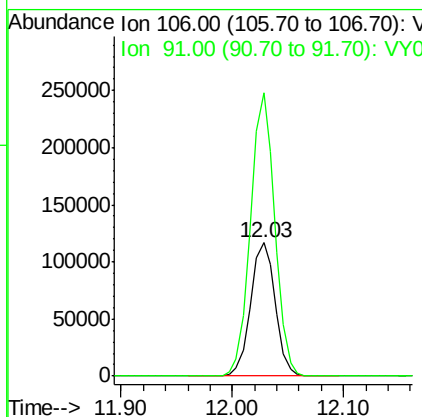
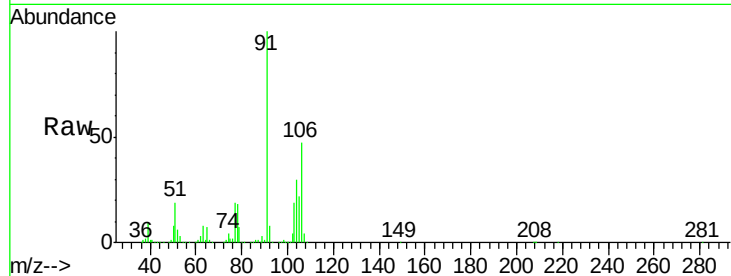
#69
o-Xylene
Concen: 20.469 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.9	104.6	313.7

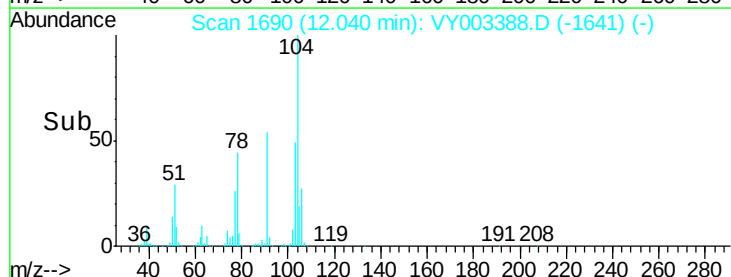
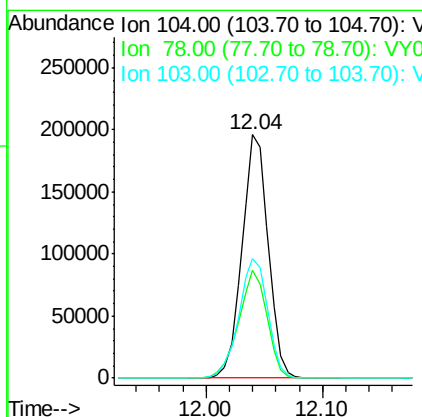
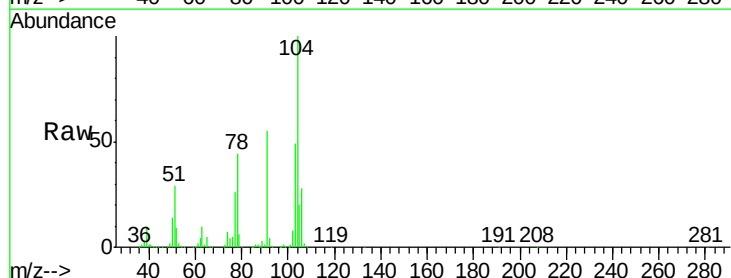
Manual Integrations
APPROVED

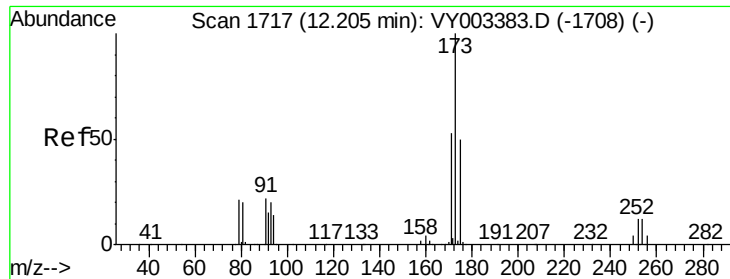
MMDadoda
8/3/2020 12:37:35 PM



#70
Styrene
Concen: 20.543 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	39.3	58.9
103	54.1	43.7	65.5





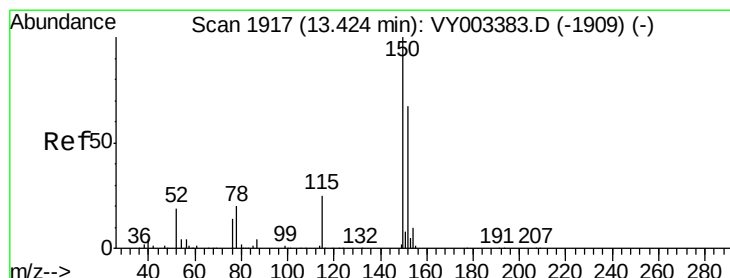
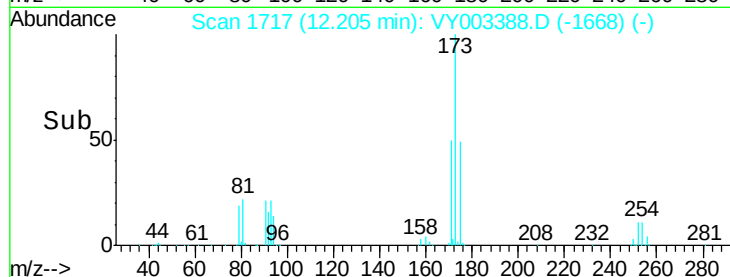
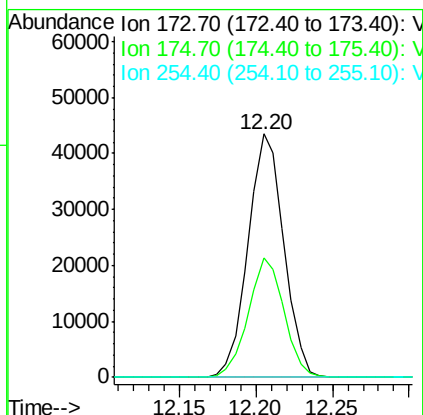
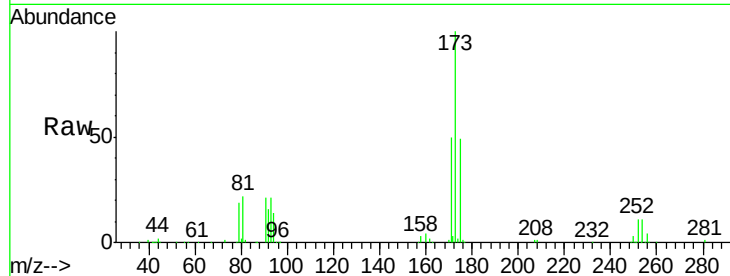
#71
Bromoform
Concen: 20.335 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.2
254	0.2	0.2	0.2

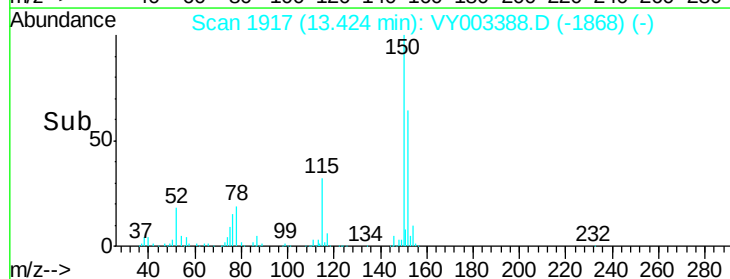
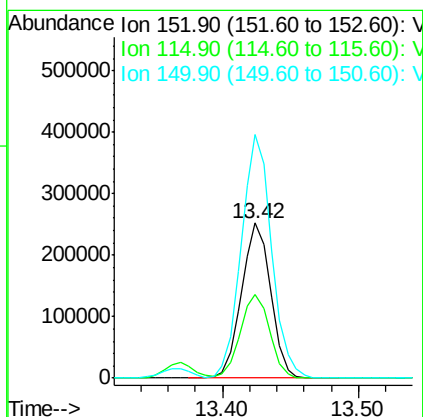
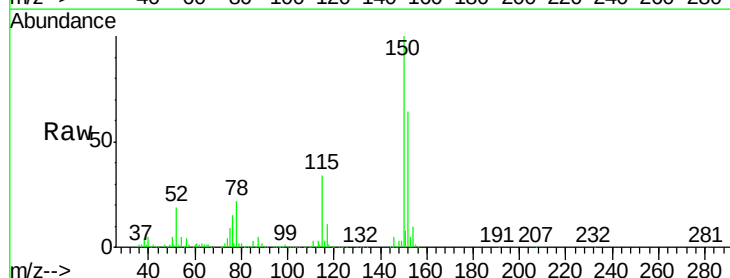
Manual Integrations
APPROVED

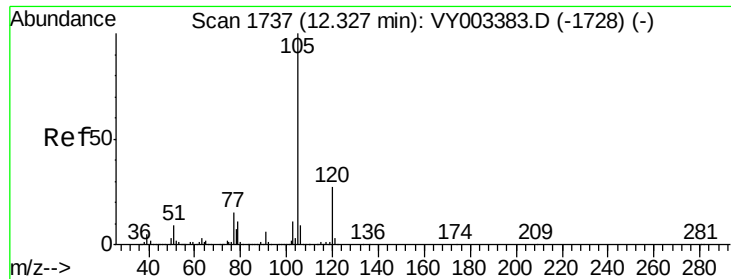
MMDadoda
8/3/2020 12:37:35 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.2	81.5
150	163.5	0.0	346.8





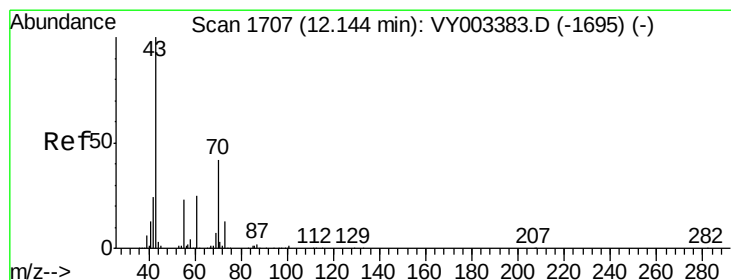
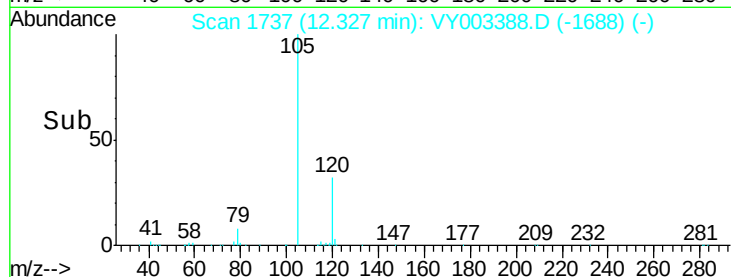
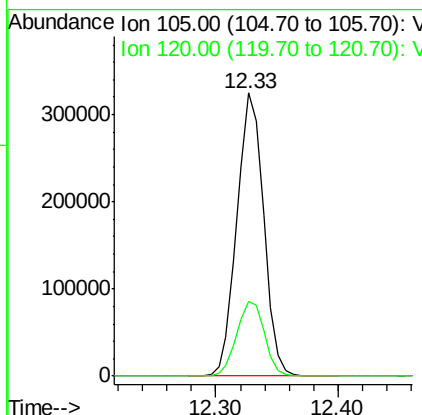
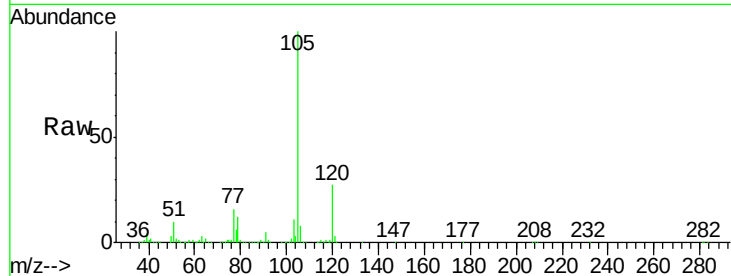
#73
Isopropylbenzene
Concen: 20.116 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.5	40.4

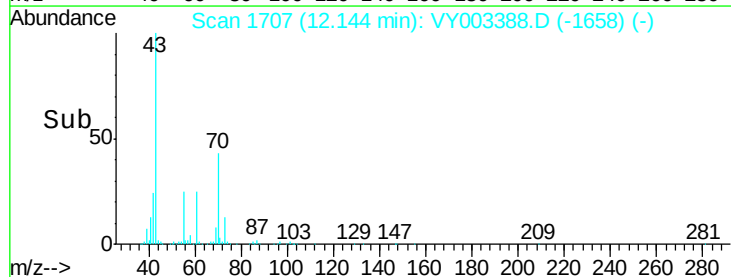
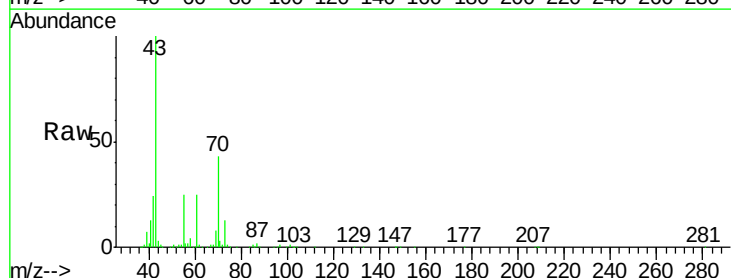
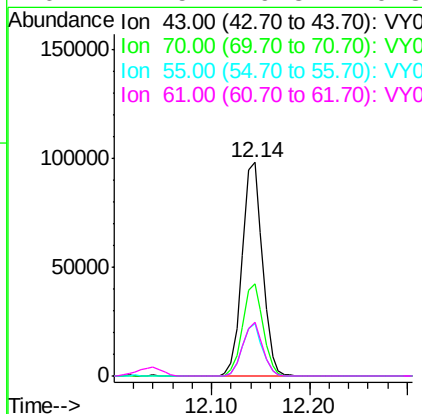
Manual Integrations
APPROVED

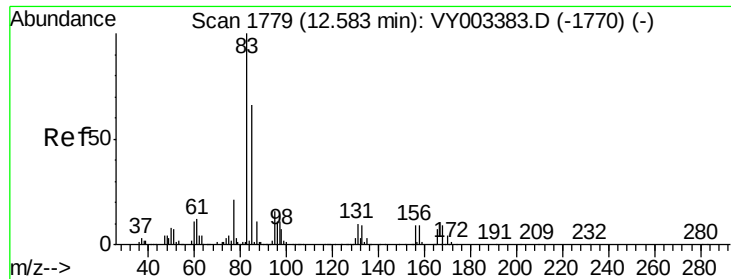
MMDadoda
8/3/2020 12:37:35 PM



#74
N-ethyl acetate
Concen: 19.707 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.2	33.6	50.4
55	24.4	18.5	27.7
61	24.5	19.8	29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.268 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

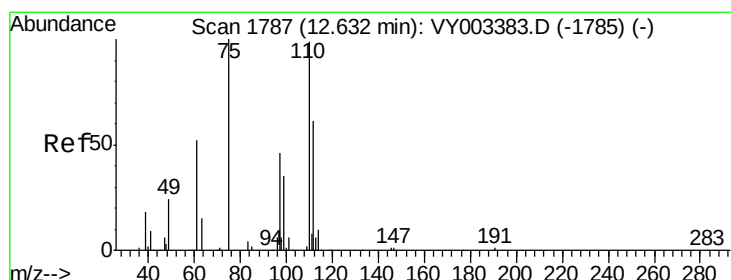
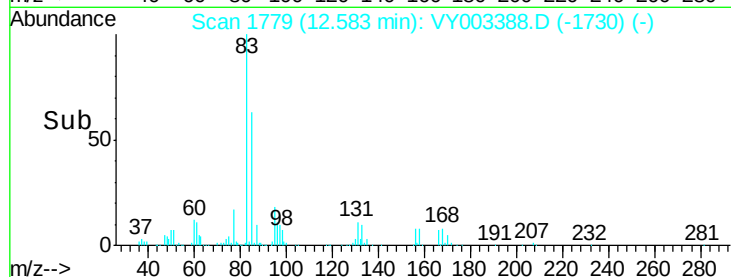
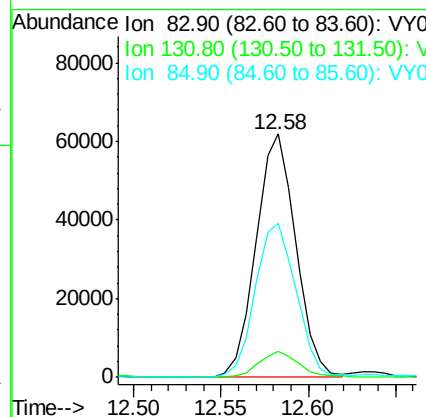
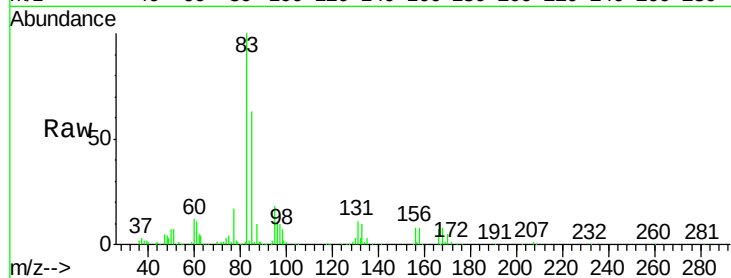
ClientSampleId :

VY0731SBS01

Tot Ion:	83	Resp:	97799
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	65.2	31.9	95.5

Manual Integrations
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8/3/2020 12:37:35 PM



#76

1,2,3-Trichloropropane

Concen: 19.892 ug/l m

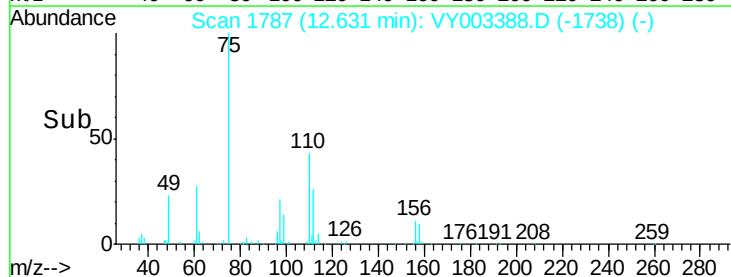
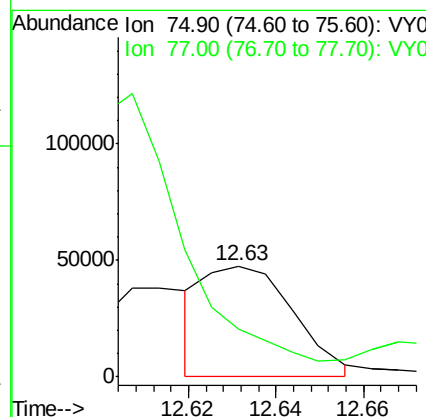
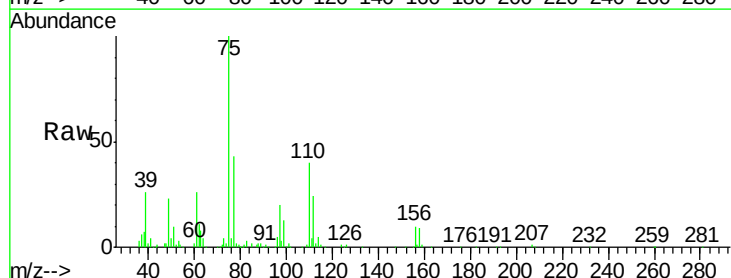
RT: 12.63 min Scan# 1787

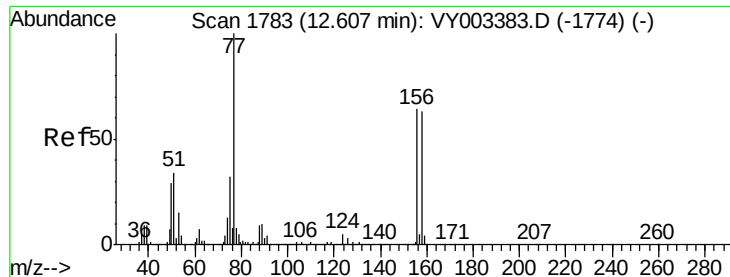
Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Tgt Ion:	75	Resp:	67358
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.303 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

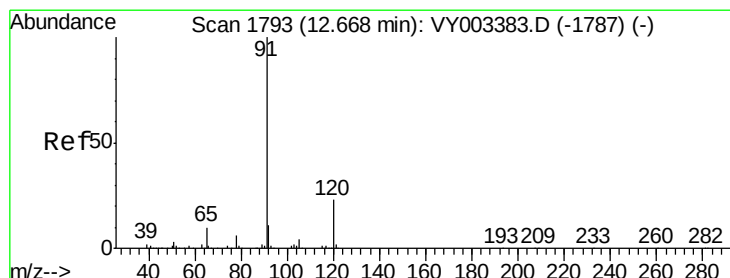
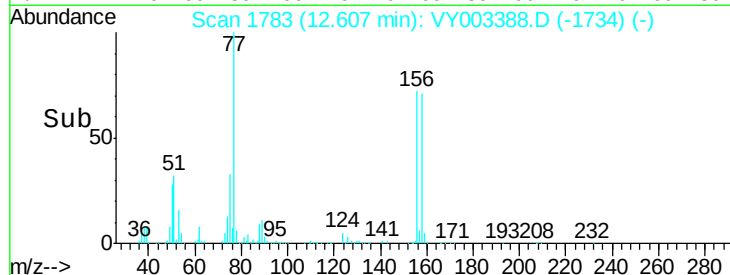
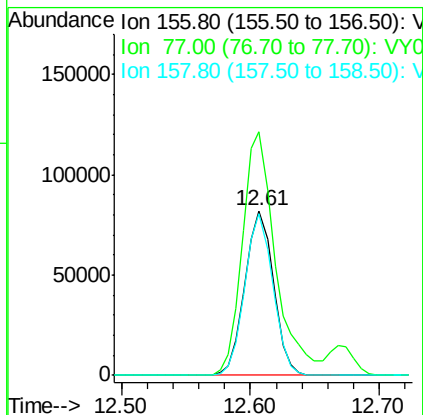
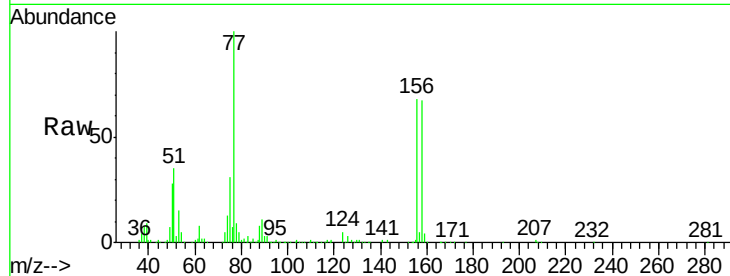
ClientSampleId :

VY0731SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.1	87.5	262.5
158	96.6	48.7	146.1

Manual Integrations
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#78

n-propylbenzene

Concen: 20.405 ug/l

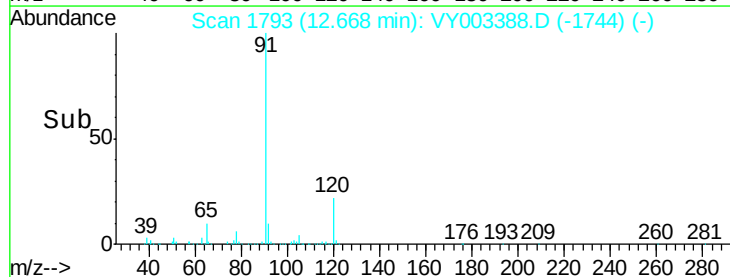
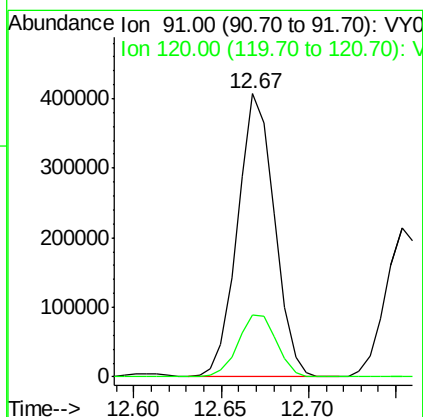
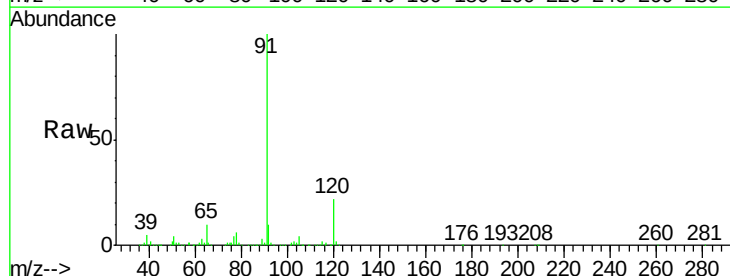
RT: 12.67 min Scan# 1793

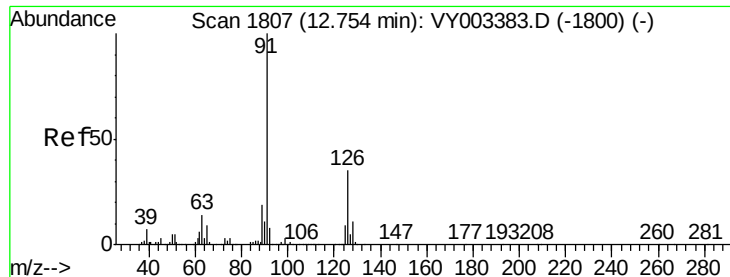
Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.6	34.8





#79

2-Chlorotoluene

Concen: 20.291 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 91 Resp: 328261

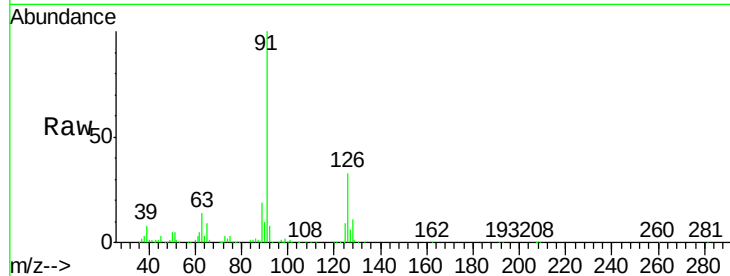
Ion Ratio Lower Upper

91 100

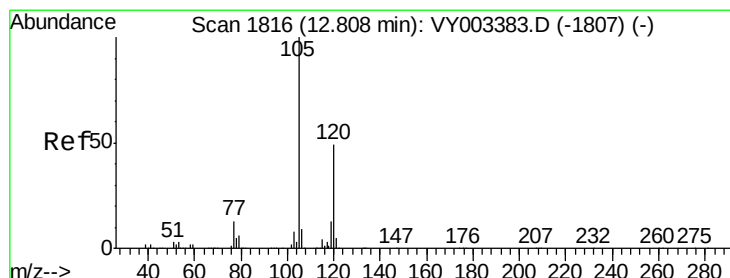
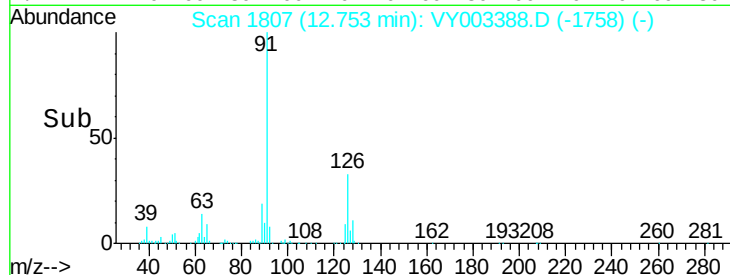
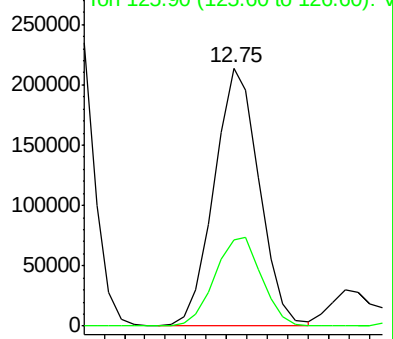
126 35.8 17.9 53.7

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY003383.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.298 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003388.D

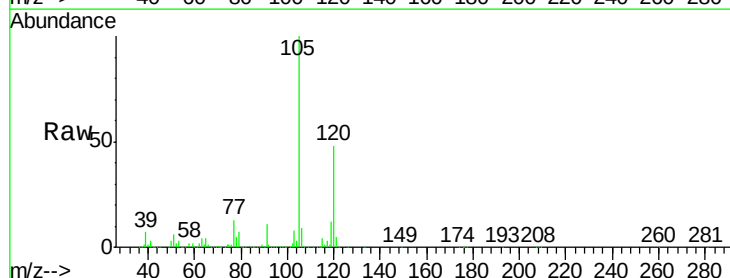
Acq: 31 Jul 2020 14:46

Tgt Ion: 105 Resp: 415162

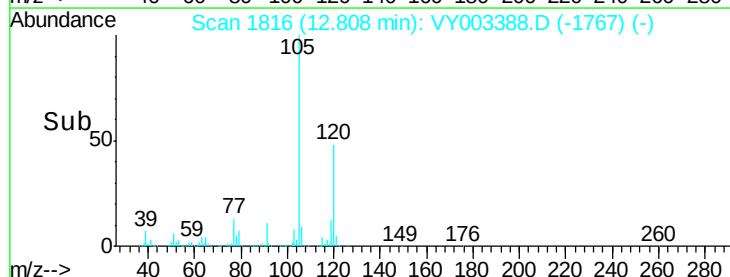
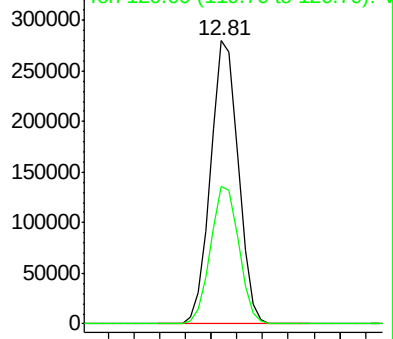
Ion Ratio Lower Upper

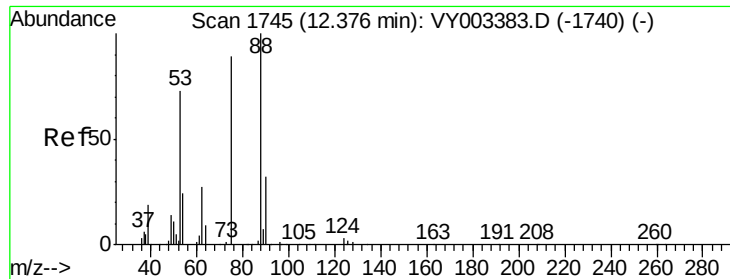
105 100

120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003383.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.167 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion: 75 Resp: 36108

Ion Ratio Lower Upper

75 100

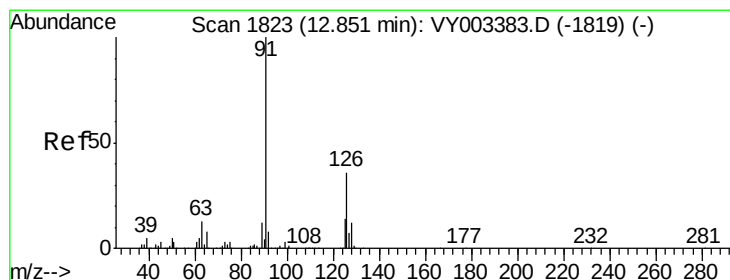
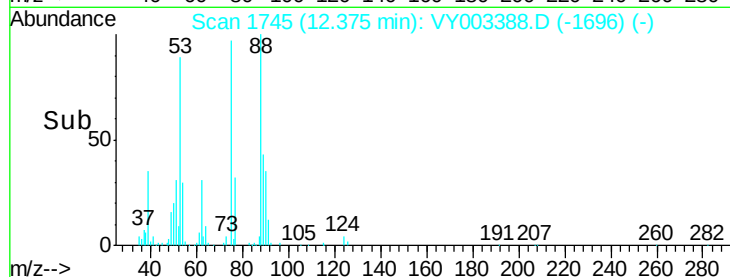
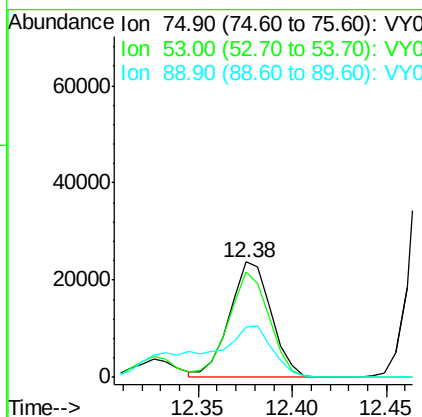
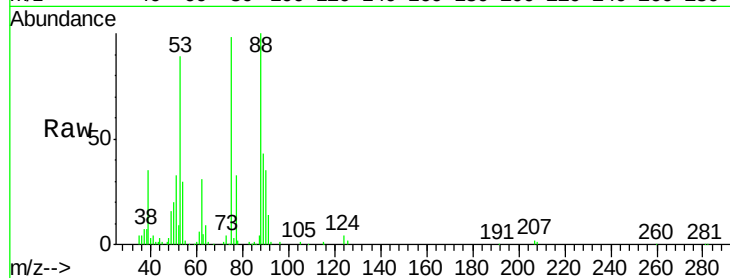
53 90.9 69.5 104.3

89 82.7 33.8 50.6#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.235 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003388.D

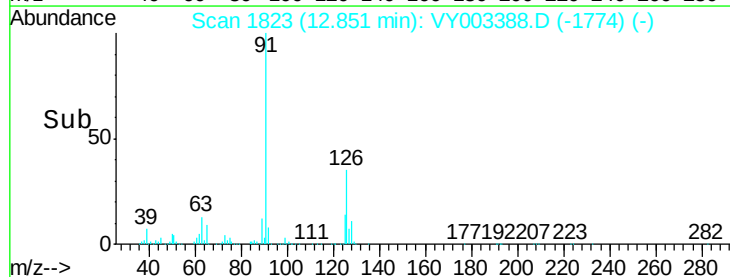
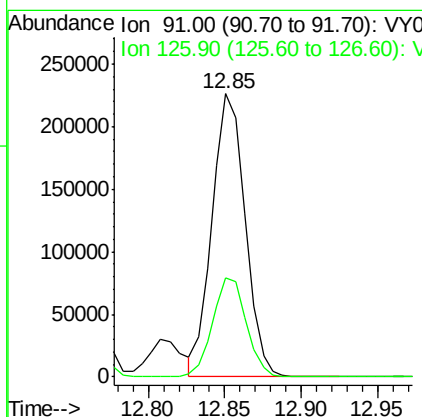
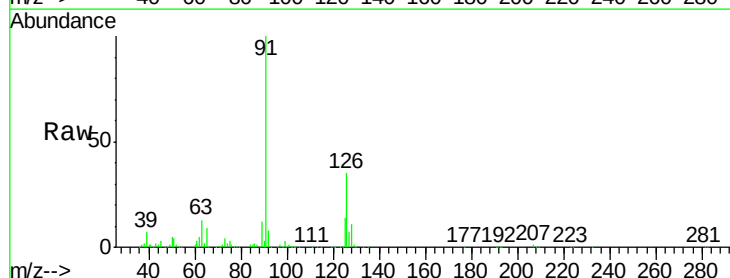
Acq: 31 Jul 2020 14:46

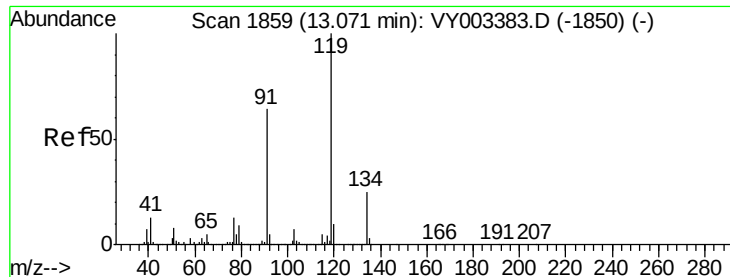
Tgt Ion: 91 Resp: 340162

Ion Ratio Lower Upper

91 100

126 35.6 18.1 54.4





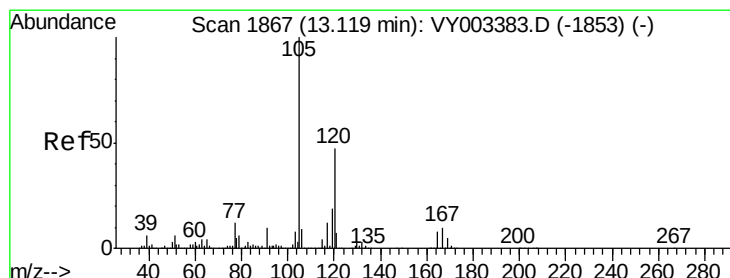
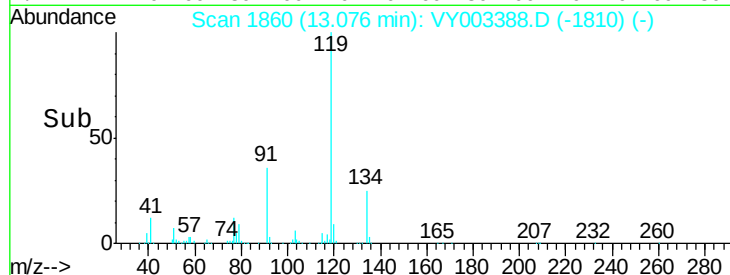
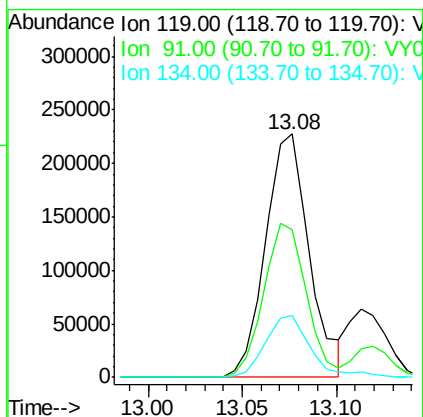
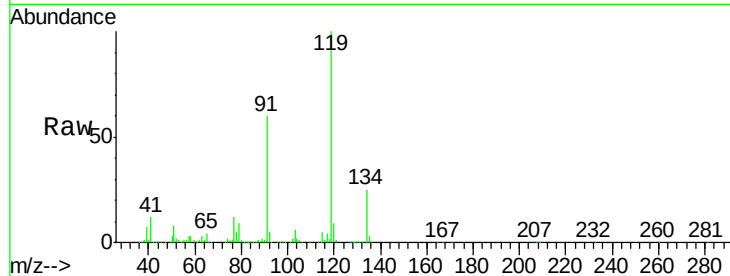
#83
tert-Butylbenzene
Concen: 20.683 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.7	31.8	95.3
134	26.5	13.6	40.8

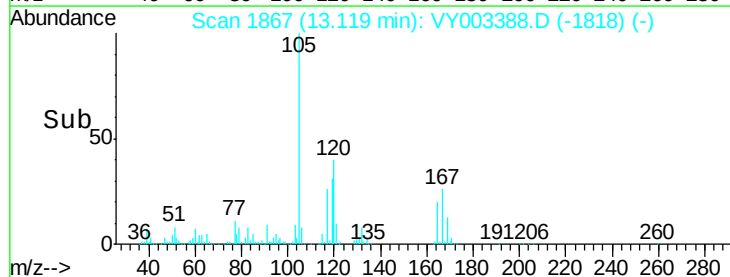
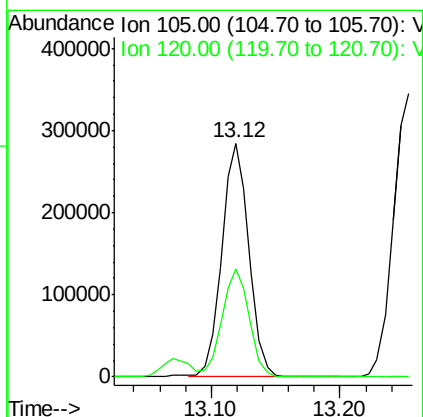
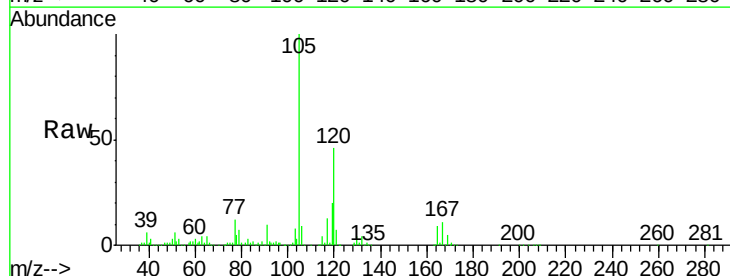
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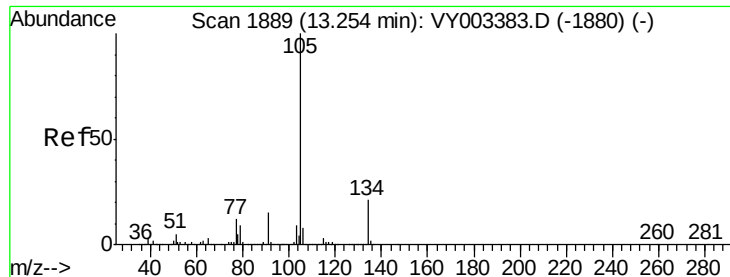
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.334 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.4	70.3





#85

sec-Butylbenzene

Concen: 20.472 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0731SBS01

Tot Ion:105 Resp: 505664

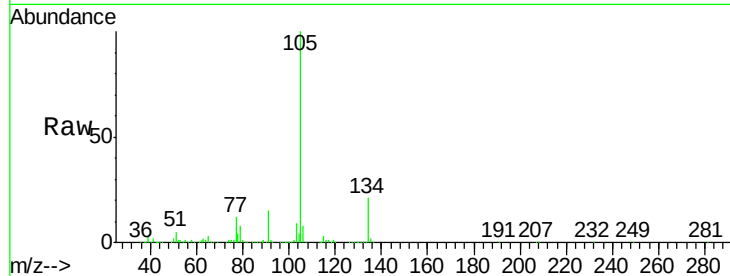
Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4

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

Ion 134.00 (133.70 to 134.70): V

13.25

400000

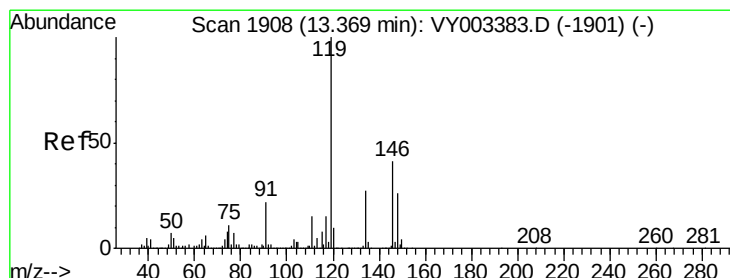
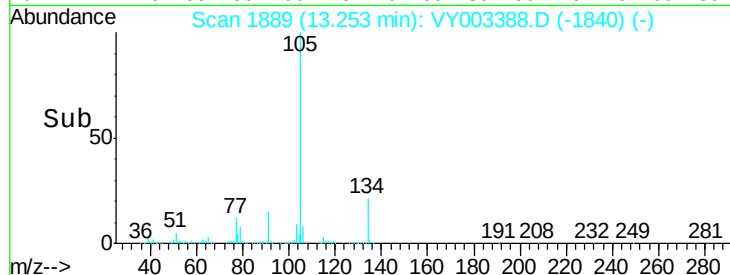
300000

200000

100000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 20.279 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003388.D

Acq: 31 Jul 2020 14:46

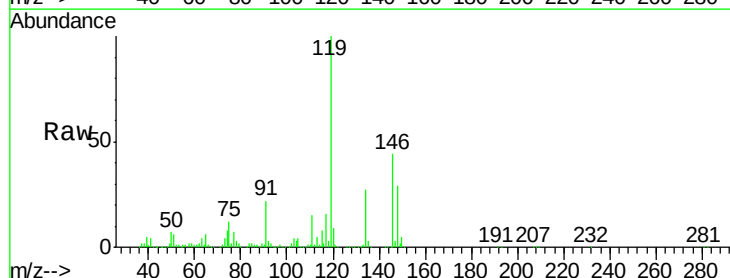
Tgt Ion:119 Resp: 468486

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

400000

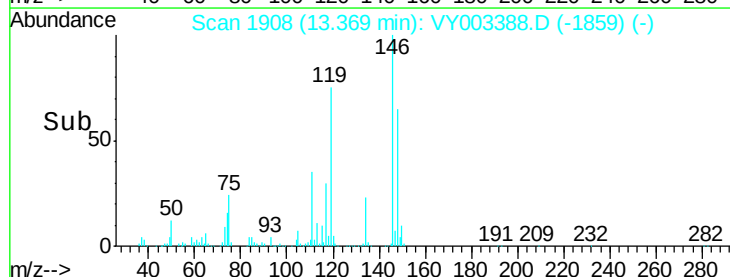
300000

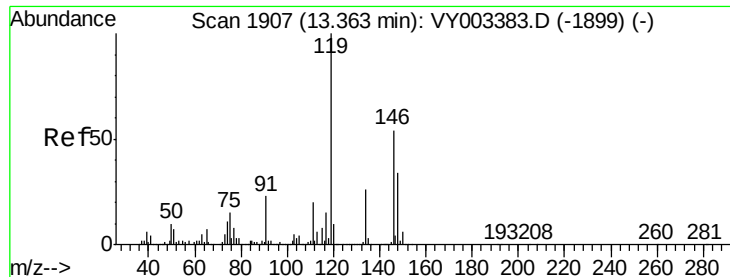
200000

100000

0

Time--> 13.30 13.40





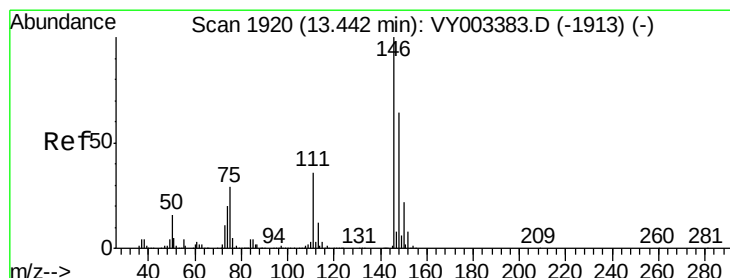
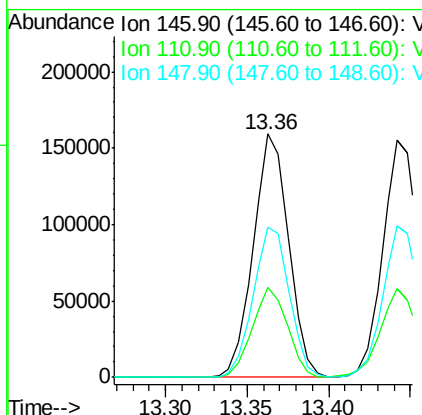
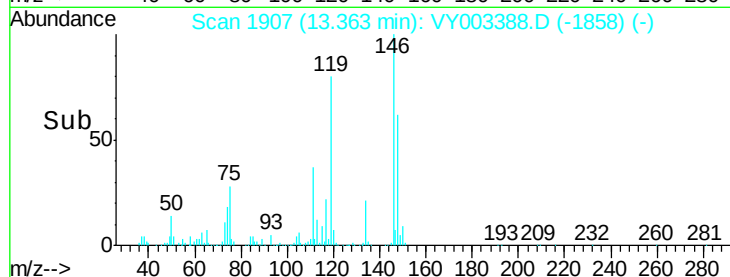
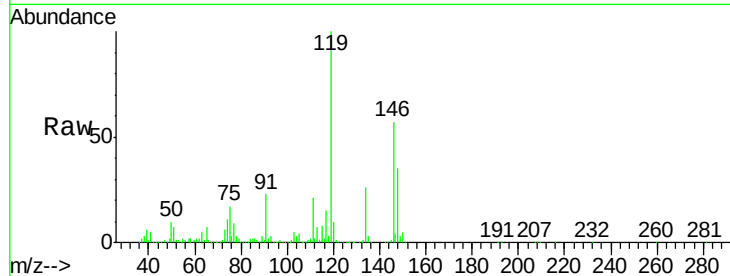
#87
 1,3-Dichlorobenzene
 Concen: 20.322 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	240275		
111	36.7	18.8	56.4	
148	62.9	31.9	95.9	

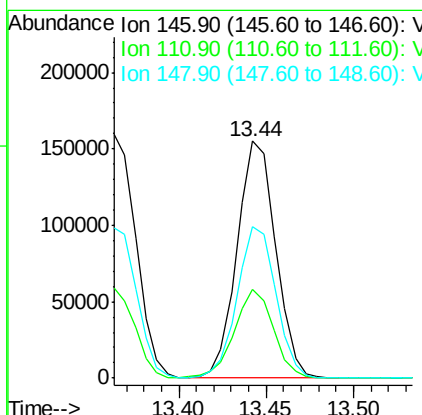
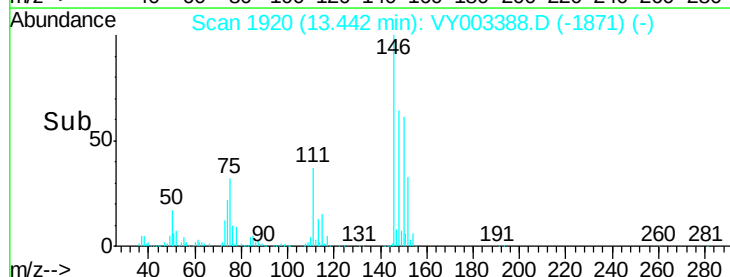
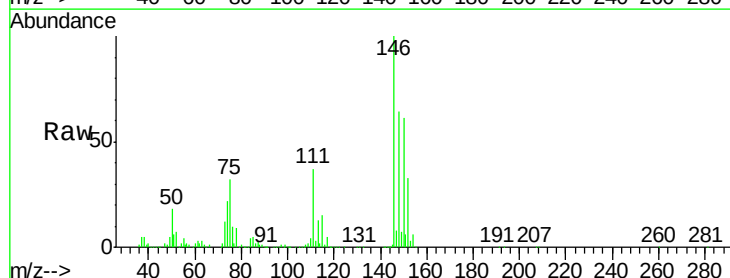
Manual Integrations
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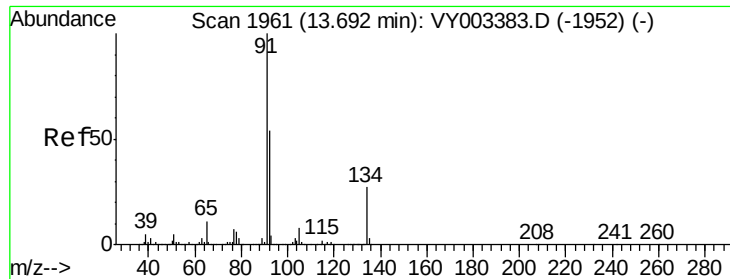
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#88
 1,4-Dichlorobenzene
 Concen: 20.432 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	238183		
111	37.8	18.1	54.3	
148	64.5	32.1	96.3	





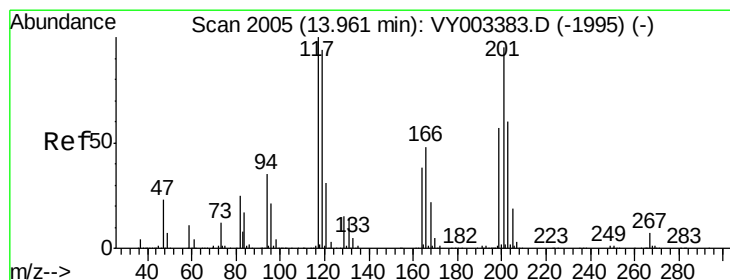
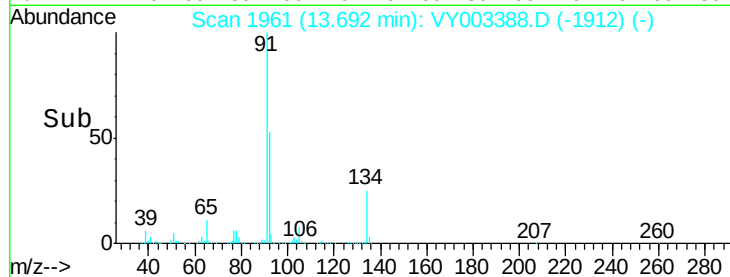
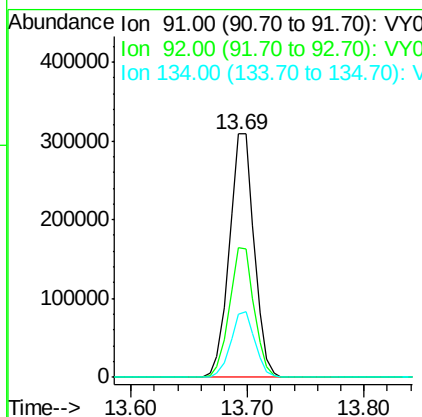
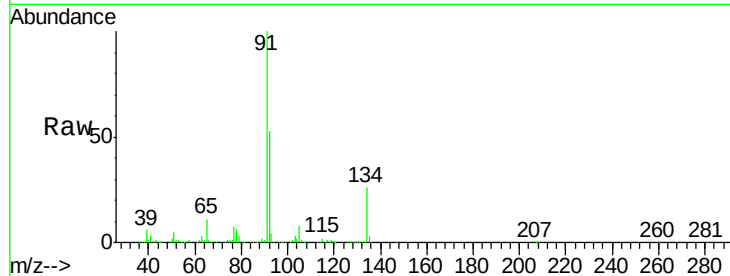
#89
n-Butylbenzene
Concen: 20.926 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.6
134	26.2	13.6	40.7

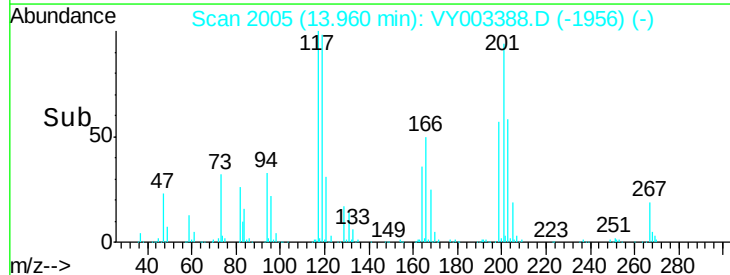
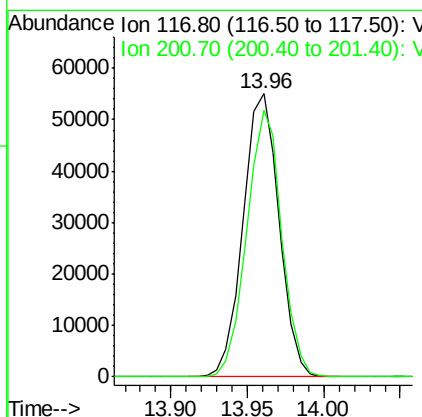
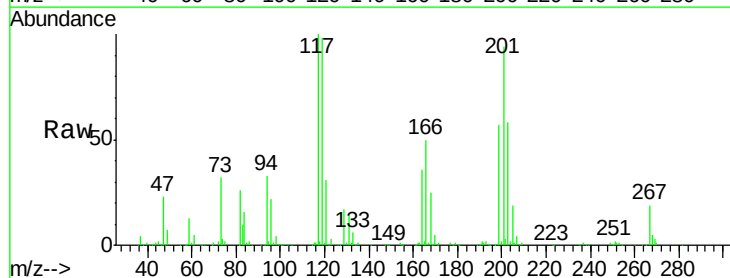
Manual Integrations
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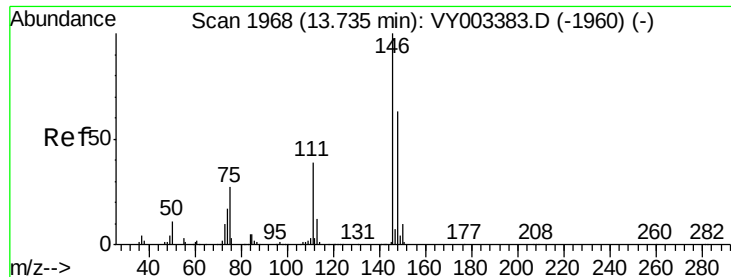
MMDadoda
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#90
Hexachloroethane
Concen: 20.335 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.0	44.7	134.1





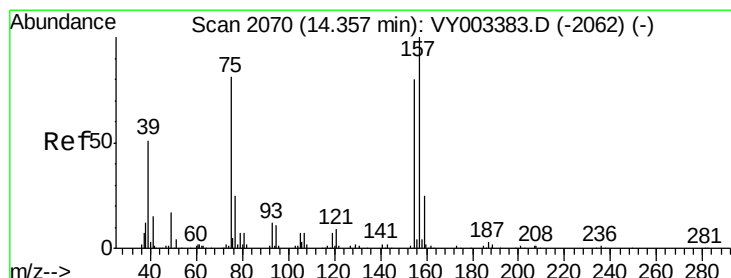
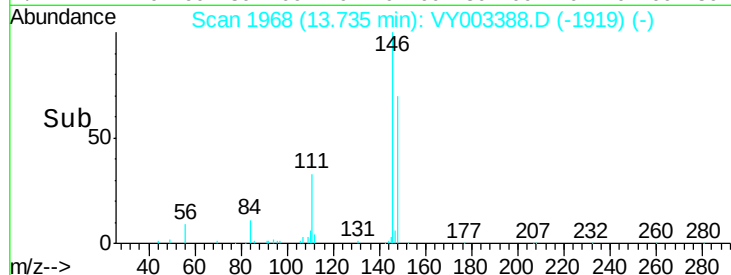
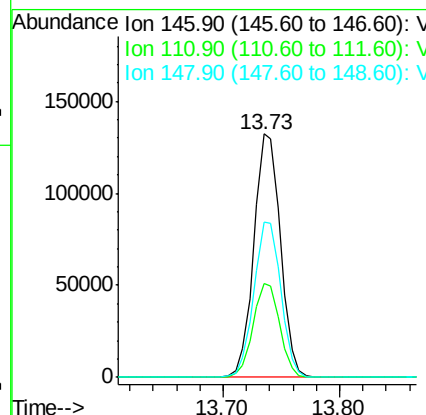
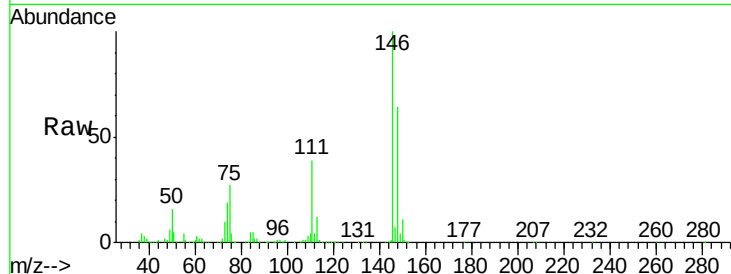
#91
 1,2-Dichlorobenzene
 Concen: 20.180 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.2	57.6
148	65.1	32.1	96.5

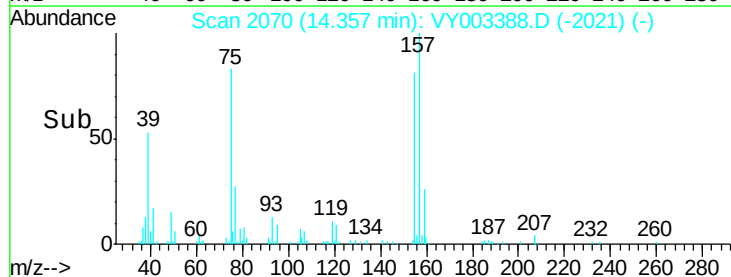
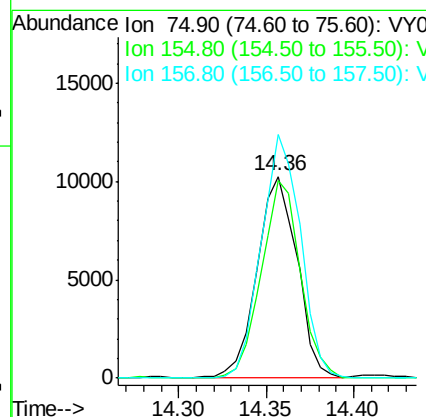
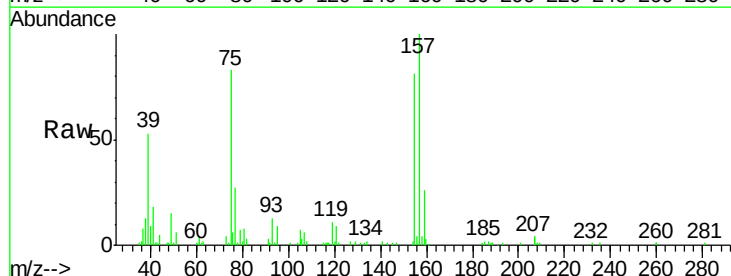
Manual Integrations
 APPROVED

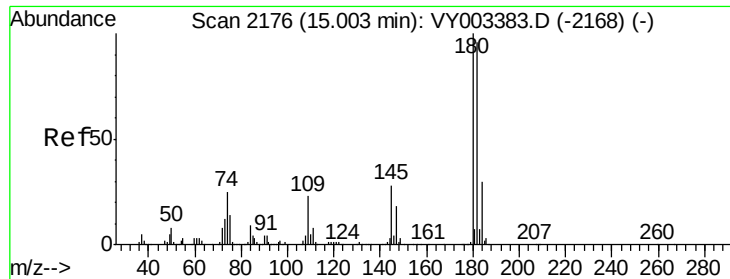
MMDadoda
 8/3/2020 12:37:35 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.918 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	48.8	146.4
157	119.0	60.9	182.6





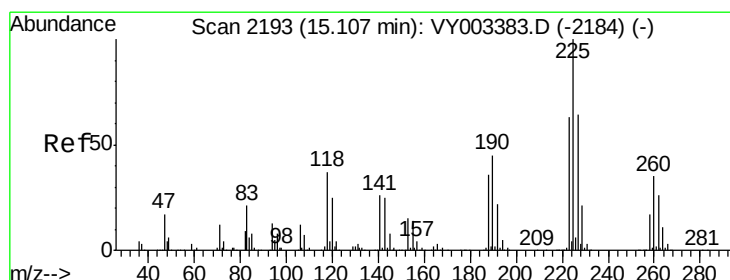
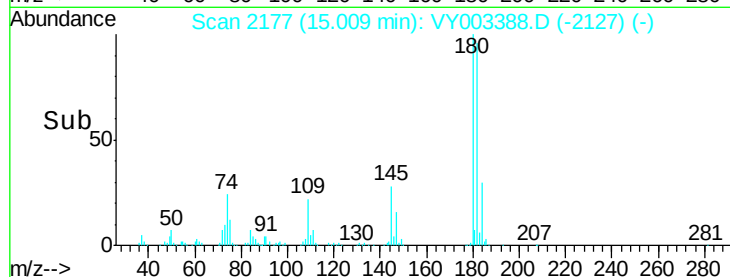
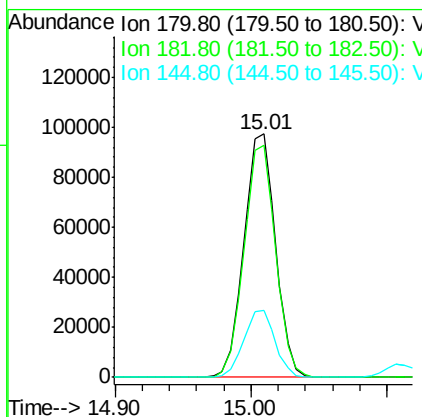
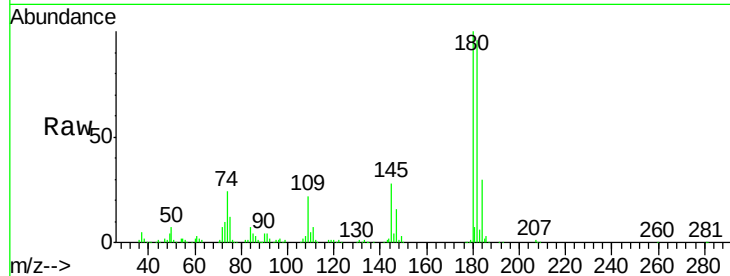
#93
 1,2,4-Trichlorobenzene
 Concen: 21.334 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	157793		
182	95.4	48.2	144.6	
145	27.6	13.8	41.3	

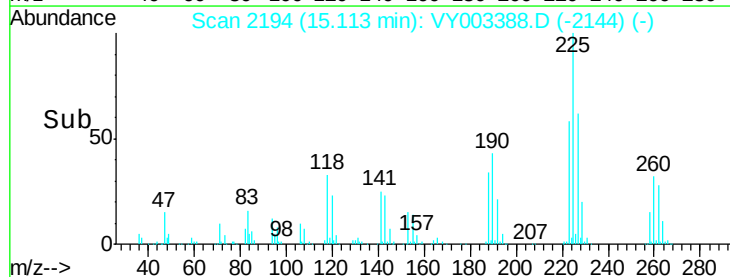
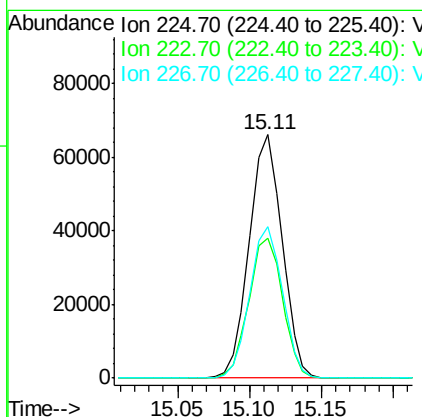
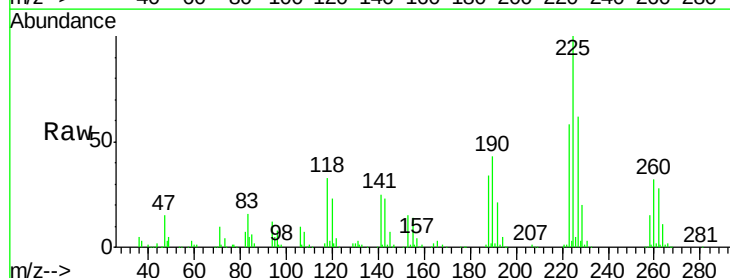
Manual Integrations
 APPROVED

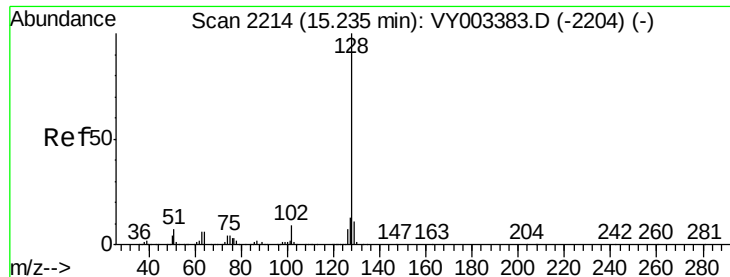
MMDadoda
 8/3/2020 12:37:35 PM



#94
 Hexachlorobutadiene
 Concen: 21.392 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003388.D
 Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104784		
223	59.0	31.6	94.8	
227	61.9	32.0	96.2	





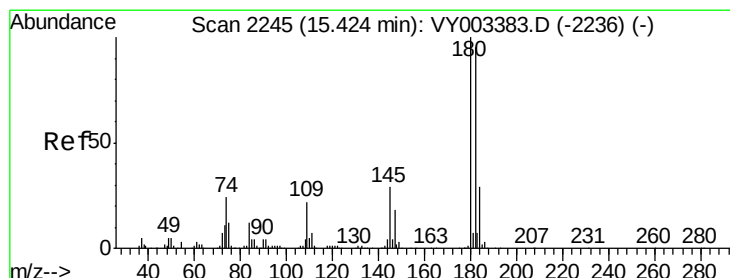
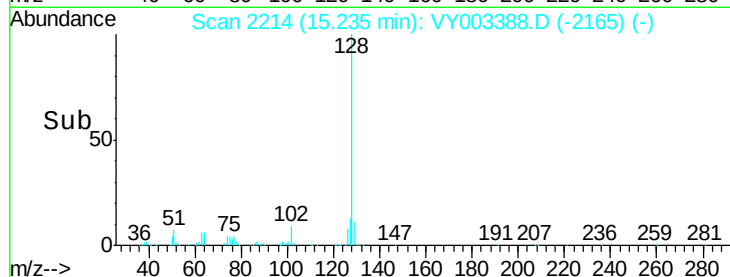
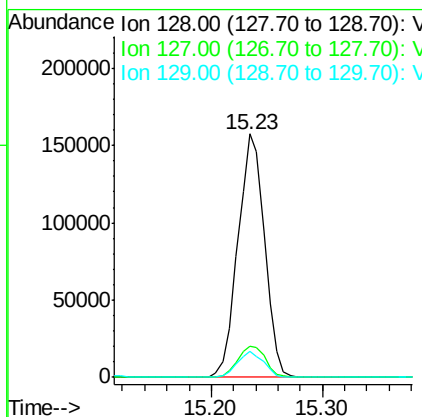
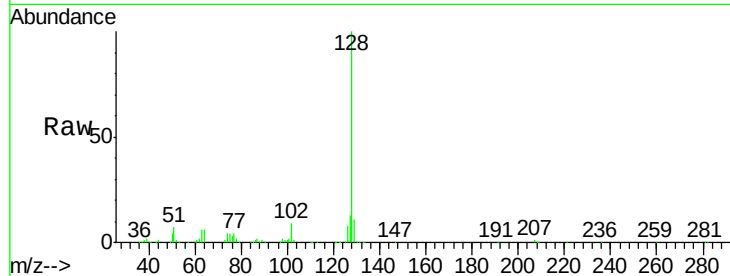
#95
Naphthalene
Concen: 20.794 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	260515		
127	13.4		10.4	15.6
129	10.5		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.980 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003388.D
Acq: 31 Jul 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	125539		
182	98.2		47.4	142.2
145	29.0		14.5	43.5

