

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003381.D
 Acq On : 31 Jul 2020 11:21
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 12:37:23 PM

Quant Time: Jul 31 12:36:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 12:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	498759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	737762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	673636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	357418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	42770	9.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.50%	
35) Dibromofluoromethane	7.72	113	38865	8.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.90%	
50) Toluene-d8	10.18	98	150893	9.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.44%	
62) 4-Bromofluorobenzene	12.48	95	51338	8.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.90	85	44193	11.859	ug/l	97
3) Chloromethane	2.12	50	62528	12.250	ug/l	96
4) Vinyl Chloride	2.26	62	59719	11.399	ug/l	100
5) Bromomethane	2.65	94	43958	11.322	ug/l	99
6) Chloroethane	2.79	64	37600	11.010	ug/l	100
7) Trichlorofluoromethane	3.13	101	78627	10.594	ug/l	95
8) Diethyl Ether	3.53	74	26285	10.512	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48324	10.805	ug/l	96
10) Methyl Iodide	4.10	142	49920	10.158	ug/l	98
11) Tert butyl alcohol	4.96	59	24956	54.011	ug/l	99
12) 1,1-Dichloroethene	3.88	96	45192	10.616	ug/l	91
13) Acrolein	3.74	56	24086	57.942	ug/l	95
14) Allyl chloride	4.49	41	75470	11.752	ug/l	99
15) Acrylonitrile	5.18	53	64027	53.281	ug/l	98
16) Acetone	3.96	43	54390	55.072	ug/l	99
17) Carbon Disulfide	4.20	76	149520	11.352	ug/l	98
18) Methyl Acetate	4.49	43	27908	10.360	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	118428	10.011	ug/l	98
20) Methylene Chloride	4.72	84	98287	16.863	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	51385	10.746	ug/l	97
22) Diisopropyl ether	6.13	45	154986	10.998	ug/l	94
23) Vinyl Acetate	6.07	43	496402	52.964	ug/l	100
24) 1,1-Dichloroethane	6.02	63	89608	11.026	ug/l	99
25) 2-Butanone	6.99	43	84958	53.199	ug/l	95
26) 2,2-Dichloropropane	6.99	77	78759	10.768	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	54406	10.320	ug/l	99
28) Bromochloromethane	7.34	49	34620	10.136	ug/l	97
29) Tetrahydrofuran	7.35	42	54414	51.069	ug/l	99
30) Chloroform	7.52	83	86642	10.397	ug/l	96
31) Cyclohexane	7.79	56	88236	11.241	ug/l #	93
32) 1,1,1-Trichloroethane	7.71	97	79127	10.516	ug/l	99
36) 1,1-Dichloropropene	7.93	75	71342	10.468	ug/l	98
37) Ethyl Acetate	7.08	43	37447	10.171	ug/l	97
38) Carbon Tetrachloride	7.91	117	71599	10.203	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	85196	9.990	ug/l	97
40) Benzene	8.16	78	195399	10.407	ug/l	100
41) Methacrylonitrile	7.33	41	23551m	10.567	ug/l	
42) 1,2-Dichloroethane	8.24	62	59588	10.342	ug/l	99
43) Isopropyl Acetate	8.28	43	71449	10.061	ug/l	99
44) Trichloroethene	8.94	130	56280	9.873	ug/l	97
45) 1,2-Dichloropropane	9.22	63	50840	10.443	ug/l	95
46) Dibromomethane	9.31	93	28339	10.091	ug/l	98
47) Bromodichloromethane	9.50	83	68131	10.126	ug/l	99
48) Methyl methacrylate	9.29	41	31827	10.008	ug/l	96
49) 1,4-Dioxane	9.29	88	6795	190.160	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	186898	50.601	ug/l	100
52) Toluene	10.24	92	120796	10.086	ug/l	96
53) t-1,3-Dichloropropene	10.46	75	71769	10.285	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	81526	10.135	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	39713	9.922	ug/l	98
56) Ethyl methacrylate	10.51	69	53466	9.862	ug/l	99
57) 1,3-Dichloropropane	10.79	76	69520	10.243	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	123852	45.942	ug/l	99
59) 2-Hexanone	10.83	43	128116	49.663	ug/l	98
60) Dibromochloromethane	10.99	129	48861	9.730	ug/l	98
61) 1,2-Dibromoethane	11.09	107	37356	9.522	ug/l	98
64) Tetrachloroethene	10.72	164	57465	9.547	ug/l	98
65) Chlorobenzene	11.52	112	134271	10.187	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	51227	9.999	ug/l	100
67) Ethyl Benzene	11.59	91	239500	10.149	ug/l	98
68) m/p-Xylenes	11.70	106	179861	20.110	ug/l	100
69) o-Xylene	12.03	106	84257	10.071	ug/l	99
70) Styrene	12.04	104	141000	9.854	ug/l	98
71) Bromoform	12.20	173	32713	9.794	ug/l	# 99
73) Isopropylbenzene	12.33	105	233533	10.088	ug/l	99
74) N-amyl acetate	12.14	43	65440	10.048	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	45464	10.167	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	30607m	9.583	ug/l	
77) Bromobenzene	12.61	156	58956	10.004	ug/l	99
78) n-propylbenzene	12.67	91	279887	10.226	ug/l	100
79) 2-Chlorotoluene	12.75	91	156907	10.299	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	195830	10.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16634	10.094	ug/l	96
82) 4-Chlorotoluene	12.85	91	162544	10.223	ug/l	99
83) tert-Butylbenzene	13.07	119	168287	9.912	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	197921	10.177	ug/l	98
85) sec-Butylbenzene	13.25	105	238084	10.157	ug/l	98
86) p-Isopropyltoluene	13.37	119	221721	10.131	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	112813	10.101	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	111495	10.079	ug/l	95
89) n-Butylbenzene	13.69	91	212470	10.319	ug/l	99
90) Hexachloroethane	13.96	117	42511	10.599	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	99862	10.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6779	9.369	ug/l	99

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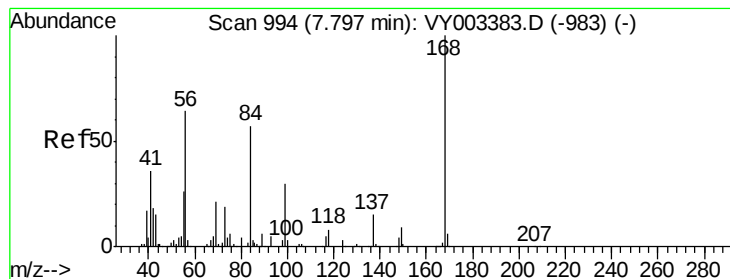
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	70340	10.068	ug/l	98
94) Hexachlorobutadiene	15.11	225	47820	10.031	ug/l	100
95) Naphthalene	15.23	128	111736	9.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	55865	10.037	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 498759

Ion Ratio Lower Upper

168 100

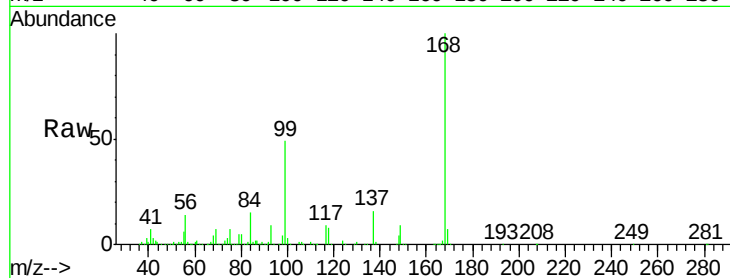
99 49.3 38.8 58.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

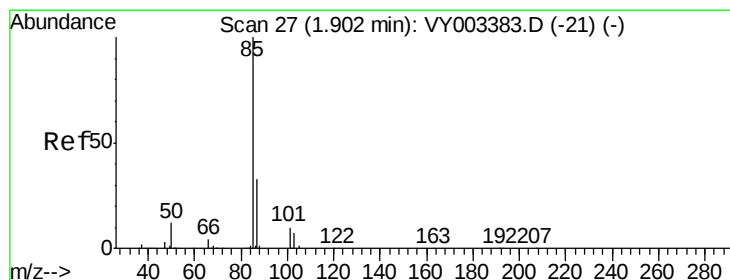
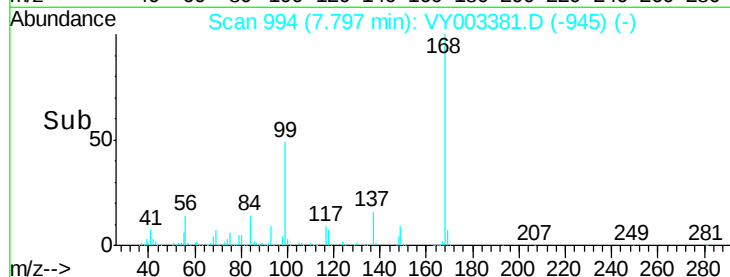
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 11.859 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003381.D

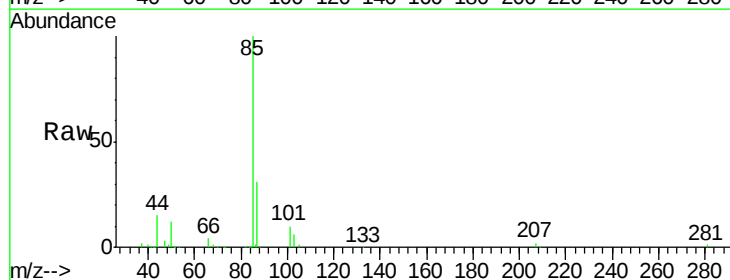
Acq: 31 Jul 2020 11:21

Tgt Ion: 85 Resp: 44193

Ion Ratio Lower Upper

85 100

87 31.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

30000

25000

20000

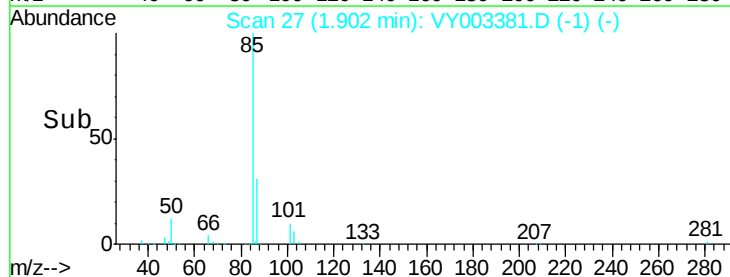
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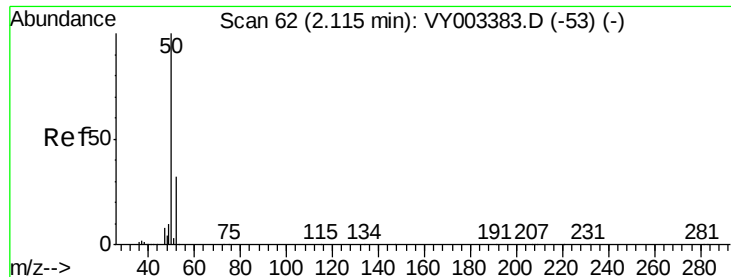
10000

5000

0

Time-->





#3

Chloromethane

Concen: 12.250 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 62528

Ion Ratio Lower Upper

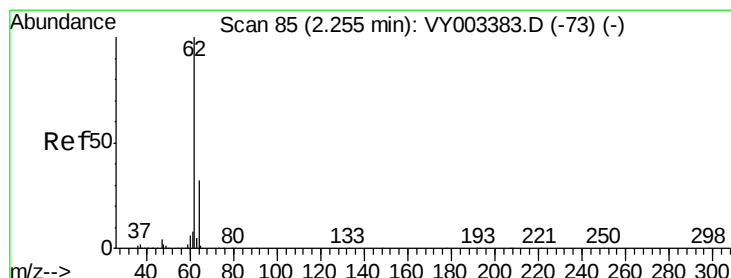
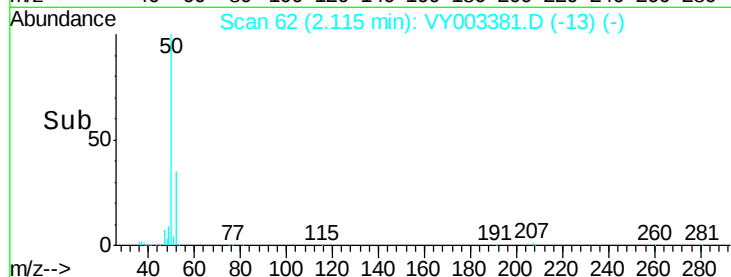
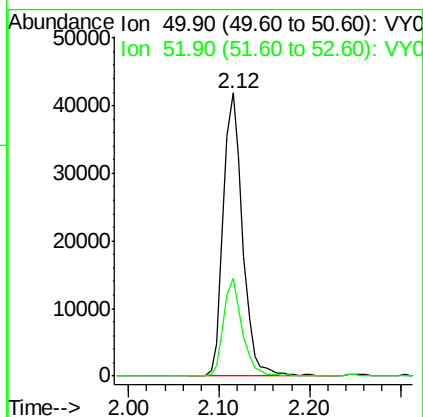
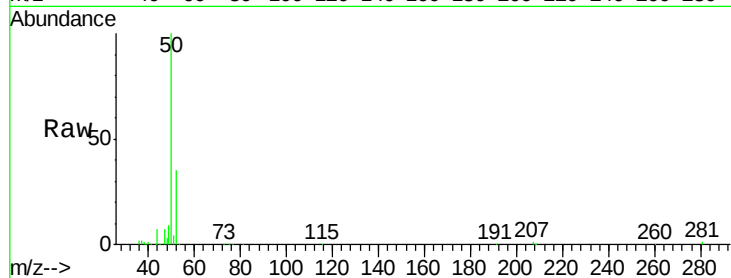
50 100

52 34.6 25.9 38.9

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#4

Vinyl Chloride

Concen: 11.399 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003381.D

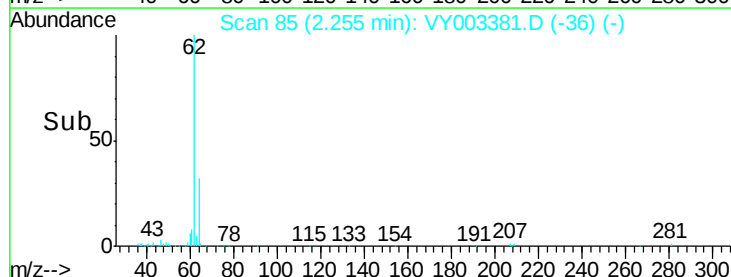
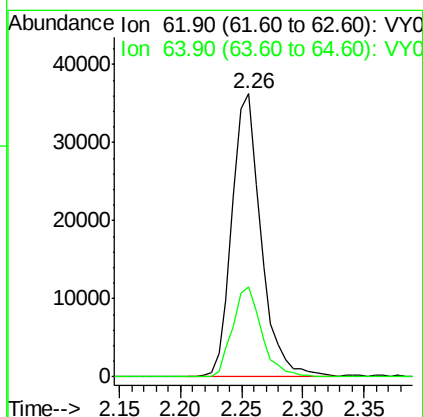
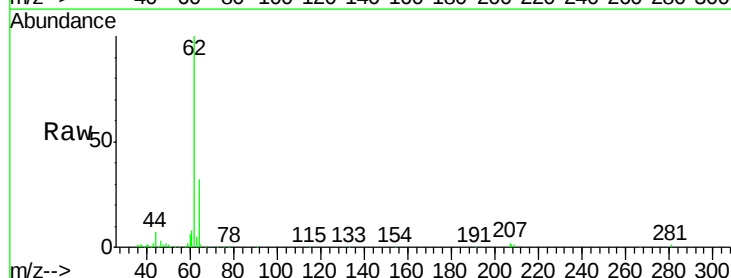
Acq: 31 Jul 2020 11:21

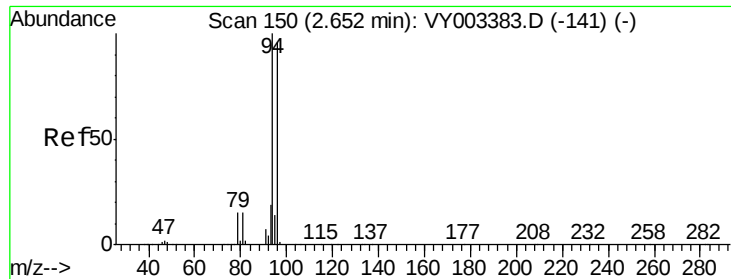
Tgt Ion: 62 Resp: 59719

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 11.322 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 43958

Ion Ratio Lower Upper

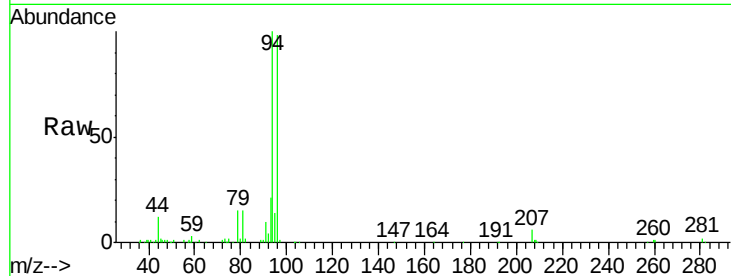
94 100

96 96.8 76.6 115.0

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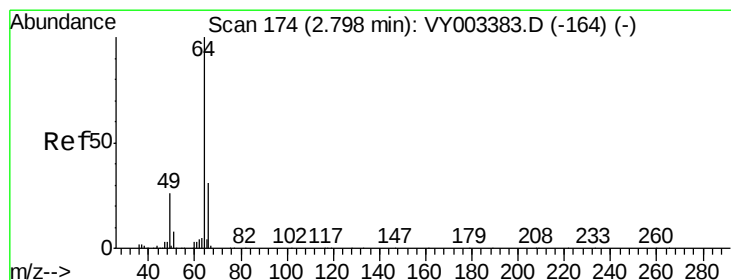
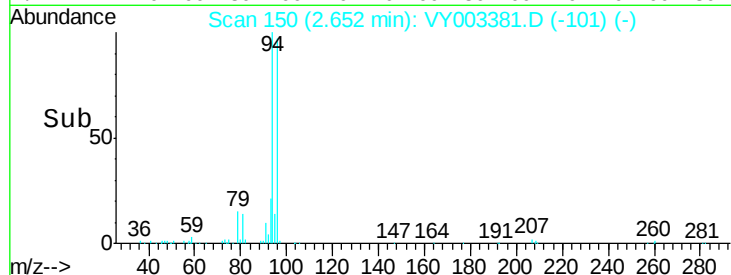
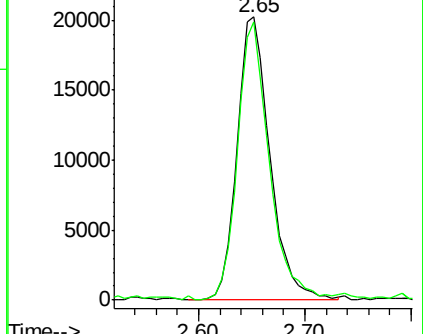
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 11.010 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003381.D

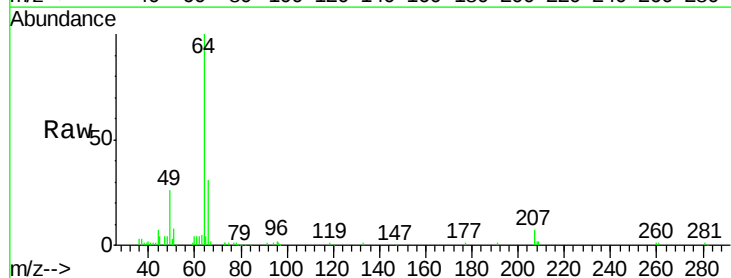
Acq: 31 Jul 2020 11:21

Tgt Ion: 64 Resp: 37600

Ion Ratio Lower Upper

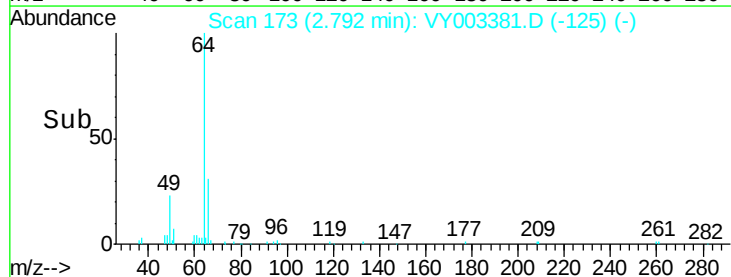
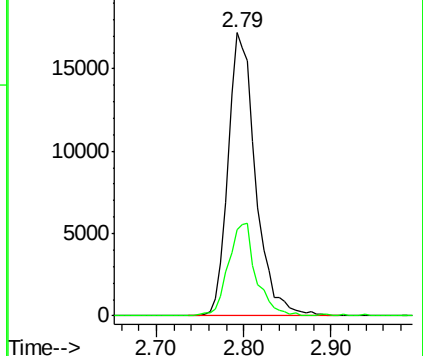
64 100

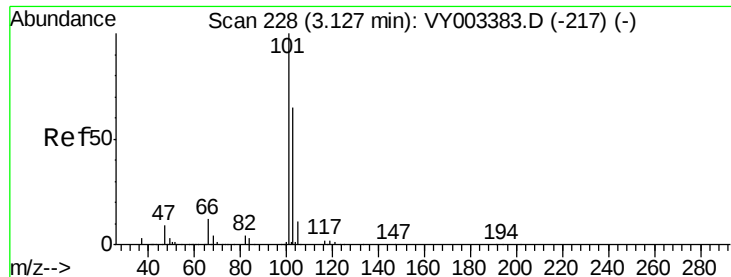
66 30.7 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

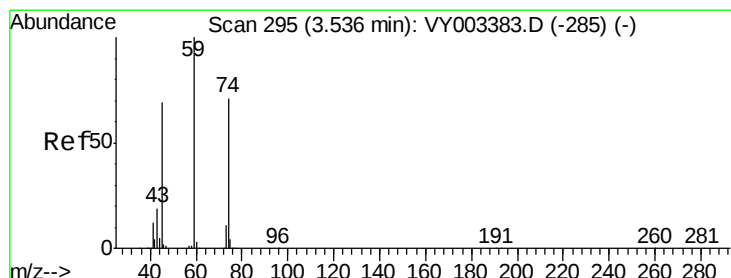
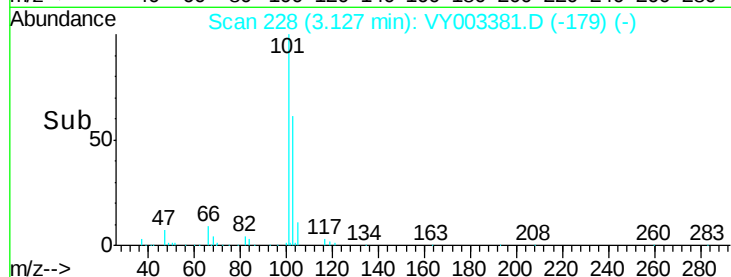
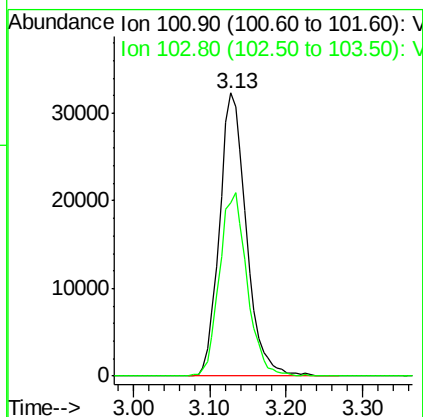
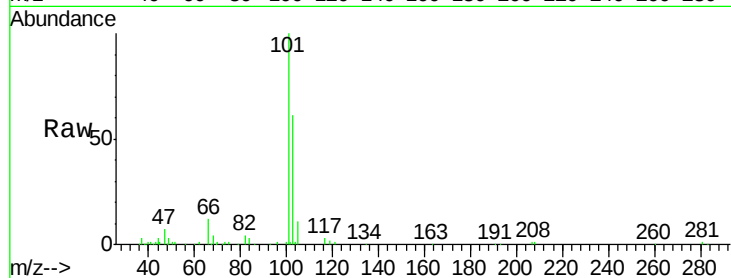
Trichlorofluoromethane
Concen: 10.594 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

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VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.0	51.8	77.6

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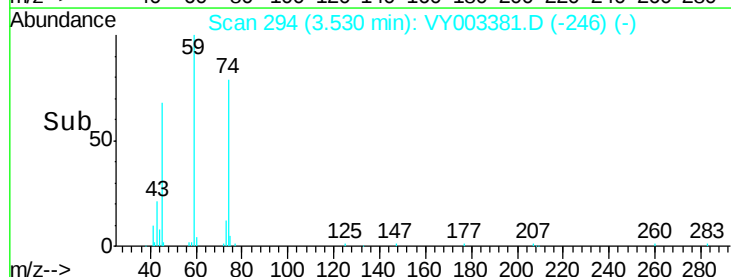
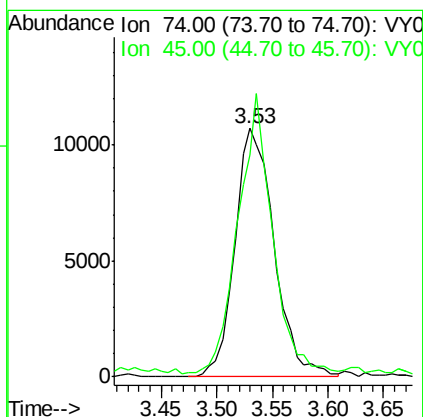
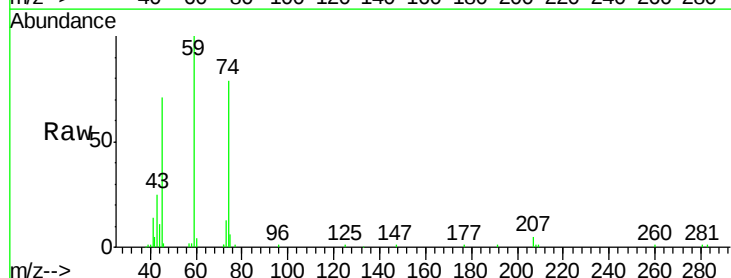
MMDadoda
8/3/2020 12:37:23 PM

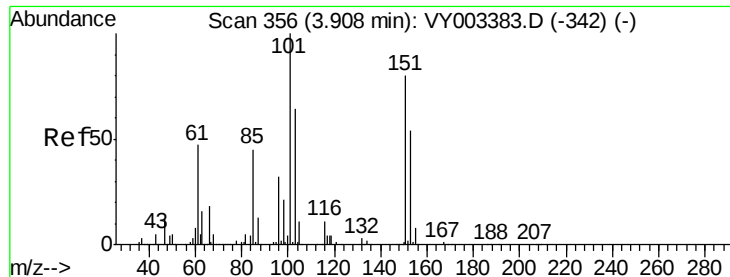


#8

Diethyl Ether
Concen: 10.512 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.805 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003381.D

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Instrument :

MSVOA_Y

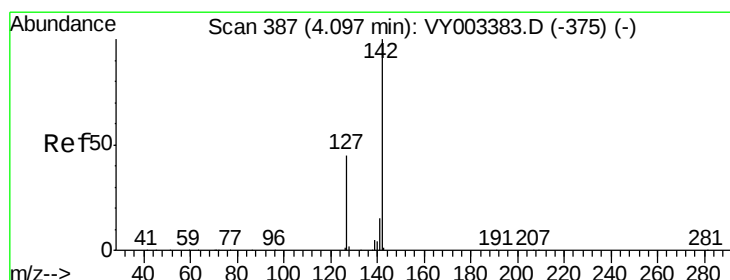
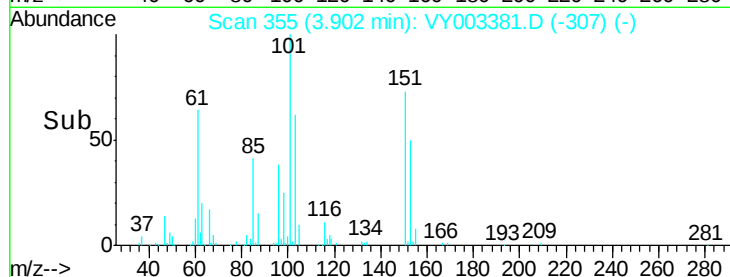
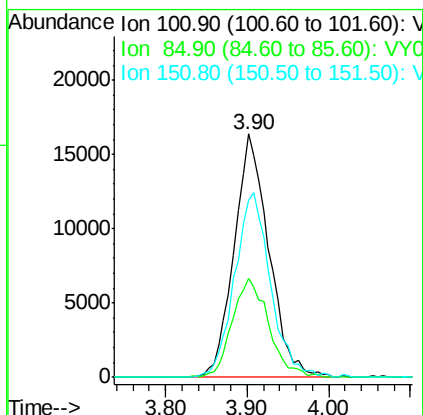
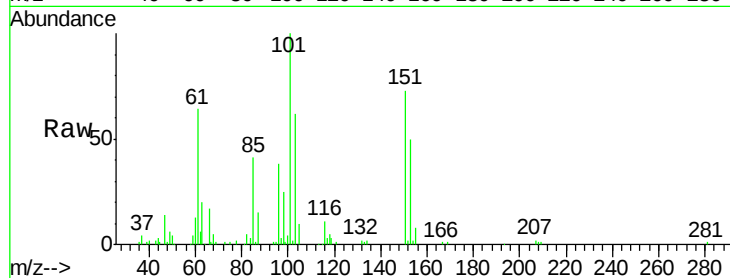
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	48324
Ion Ratio	Lower	Upper	
101	100		
85	42.7	35.7	53.5
151	78.5	65.7	98.5

Manual Integrations
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#10

Methyl Iodide

Concen: 10.158 ug/l

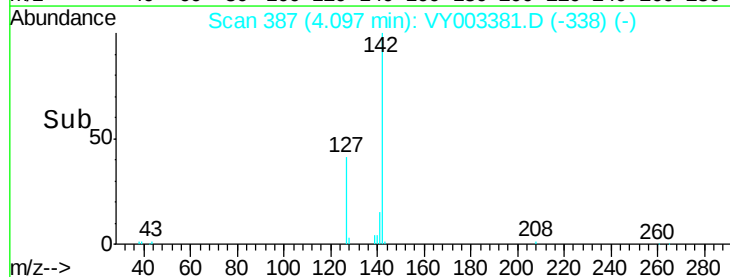
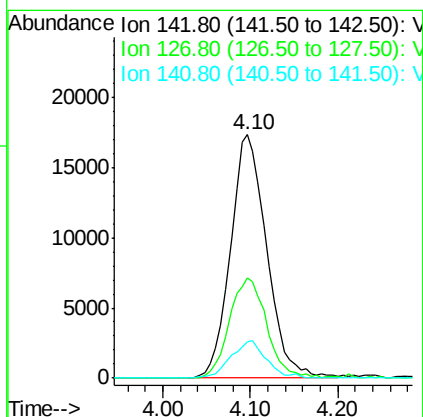
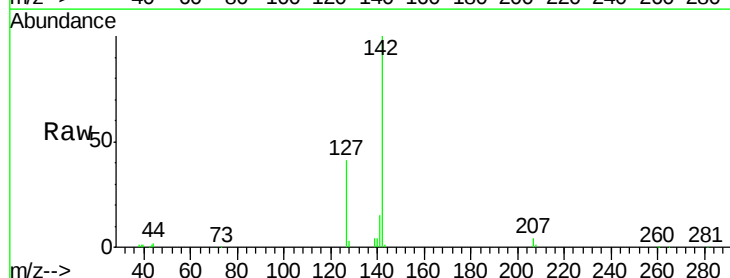
RT: 4.10 min Scan# 387

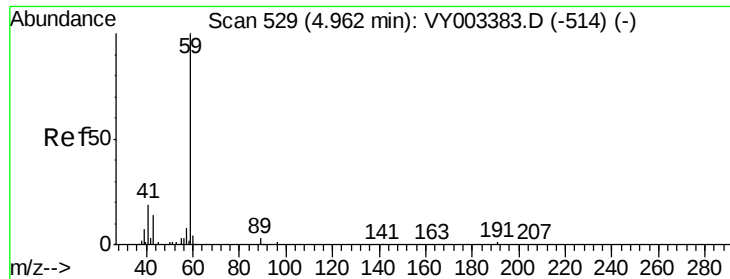
Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Tgt Ion:	142	Resp:	49920
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.6	52.0
141	14.8	11.4	17.0





#11

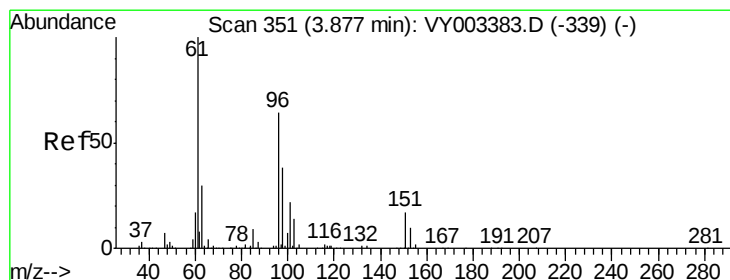
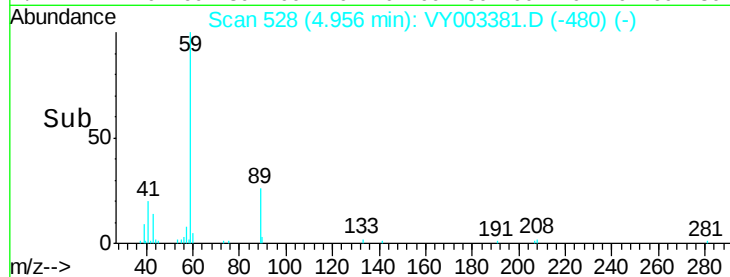
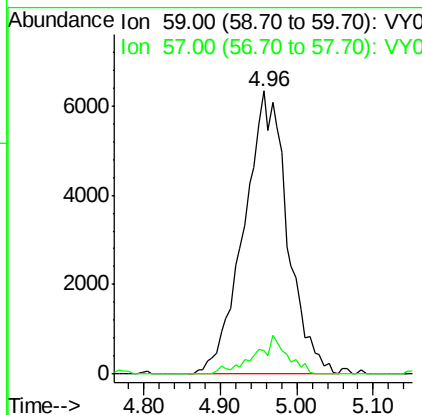
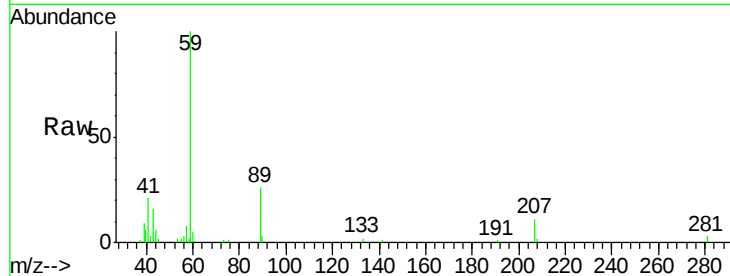
Tert butyl alcohol
 Concen: 54.011 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.0	12.0

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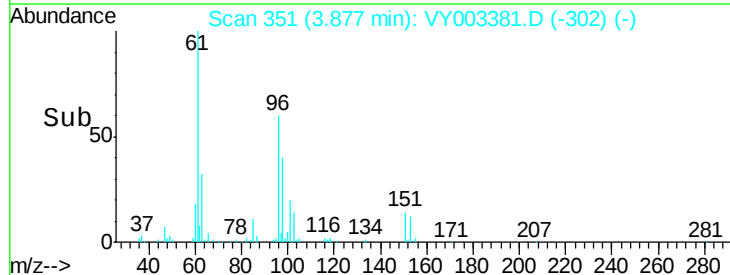
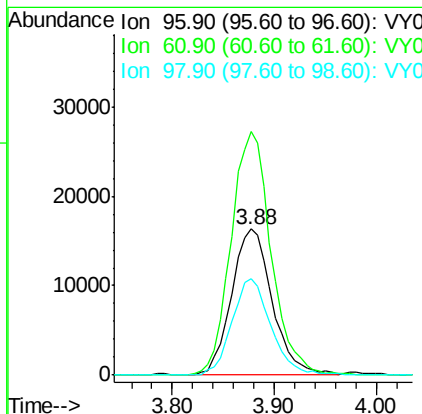
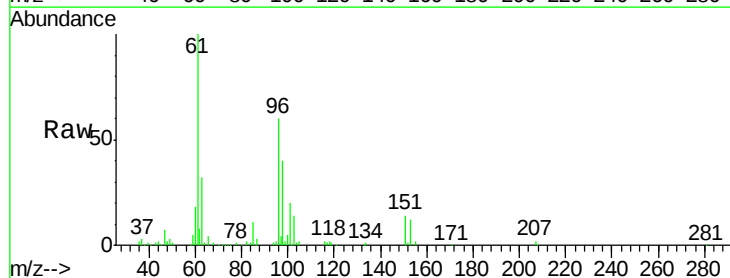
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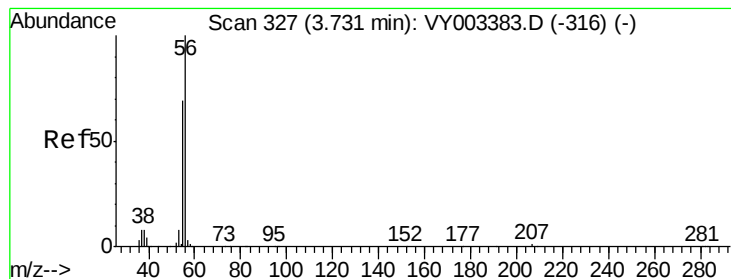


#12

1,1-Dichloroethene
 Concen: 10.616 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.8	124.7	187.1
98	66.2	47.4	71.2





#13

Acrolein

Concen: 57.942 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 24086

Ion Ratio Lower Upper

56 100

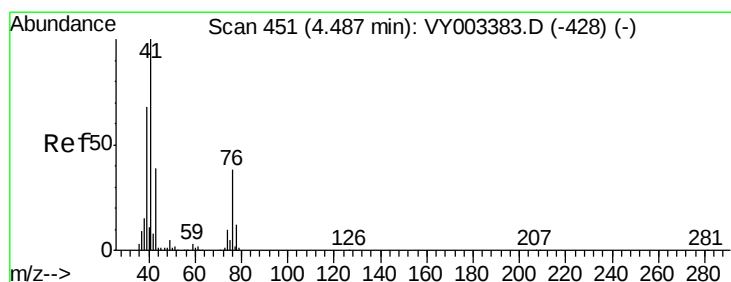
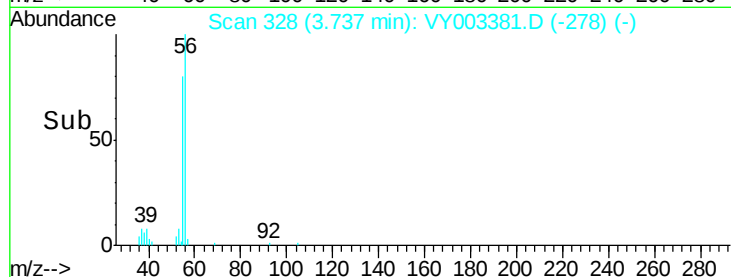
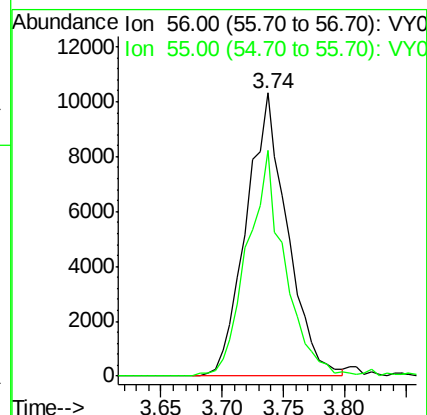
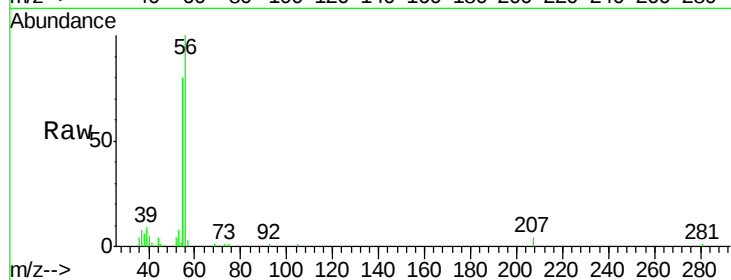
55 73.2 55.5 83.3

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#14

Allyl chloride

Concen: 11.752 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

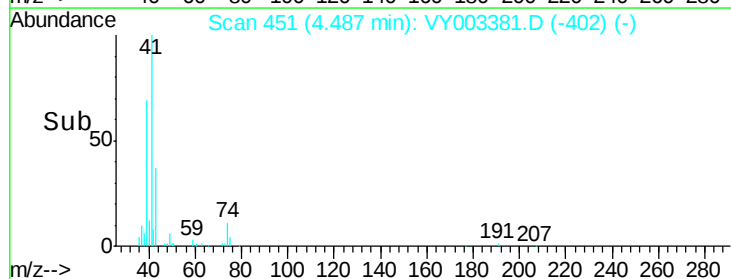
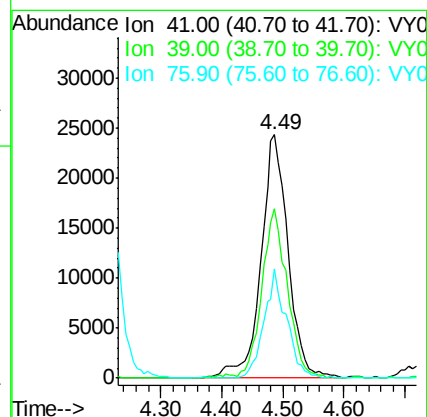
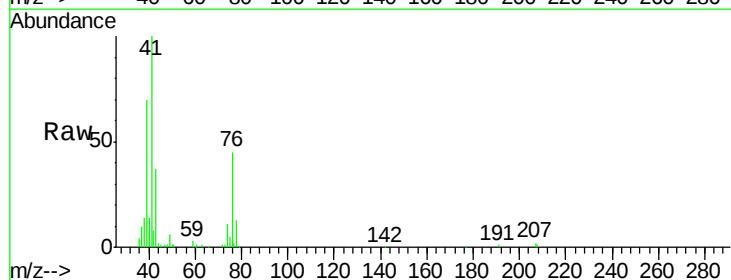
Tgt Ion: 41 Resp: 75470

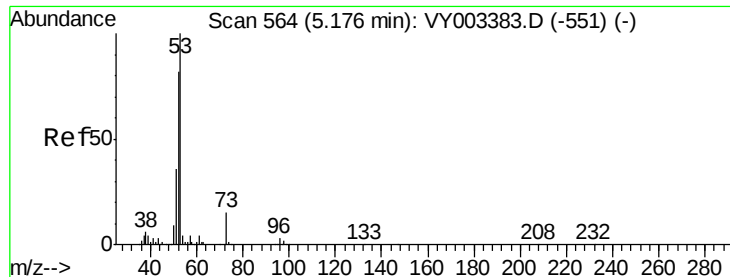
Ion Ratio Lower Upper

41 100

39 66.2 52.7 79.1

76 36.8 29.8 44.6





#15

Acrylonitrile

Concen: 53.281 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

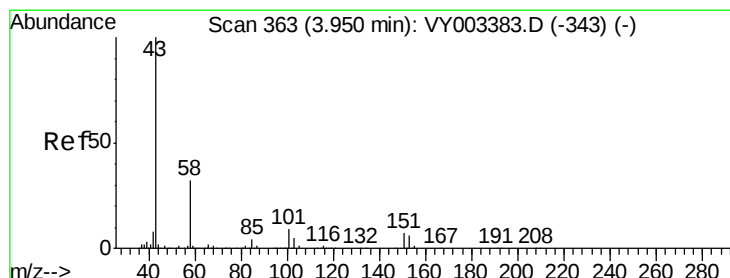
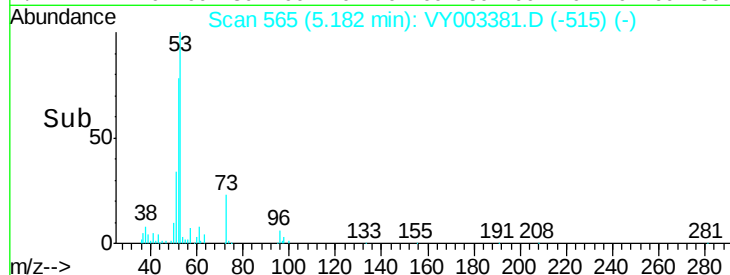
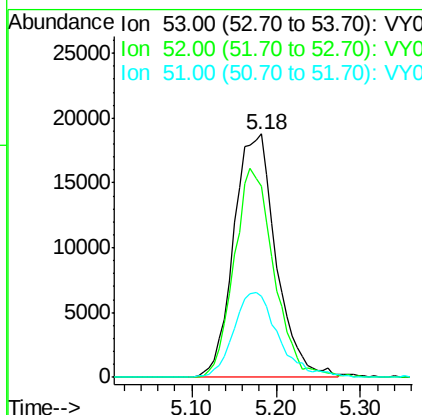
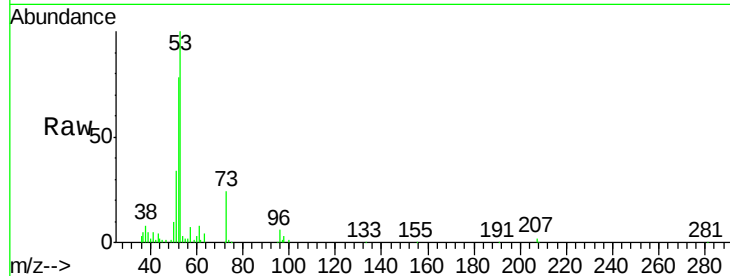
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	64027
Ion	Ratio	Lower	Upper
53	100		
52	81.0	67.0	100.6
51	37.0	29.3	43.9

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#16

Acetone

Concen: 55.072 ug/l

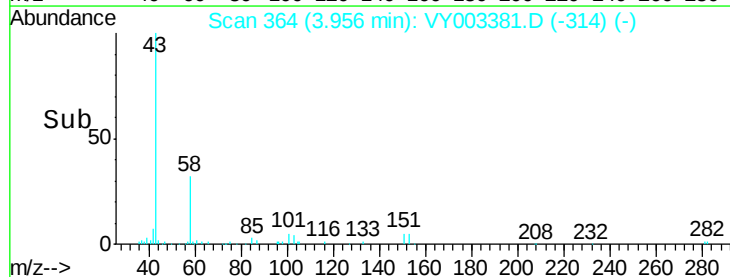
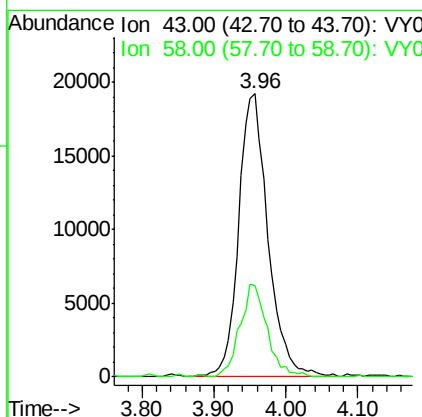
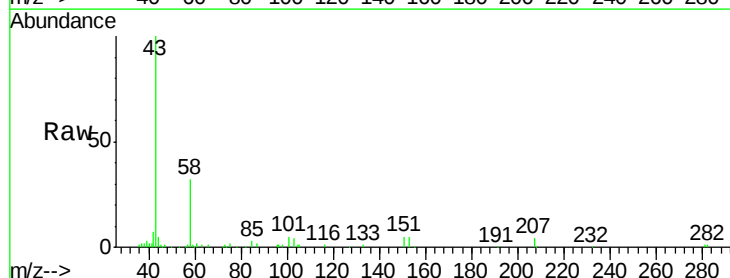
RT: 3.96 min Scan# 364

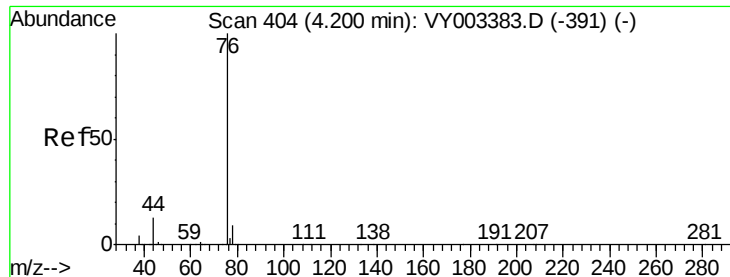
Delta R.T. 0.01 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Tgt Ion:	43	Resp:	54390
Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.4	38.2





#17

Carbon Disulfide

Concen: 11.352 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 149520

Ion Ratio Lower Upper

76 100

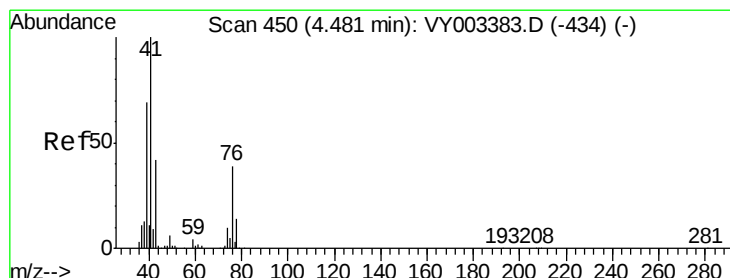
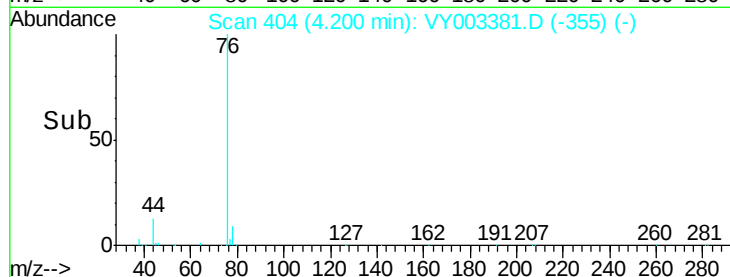
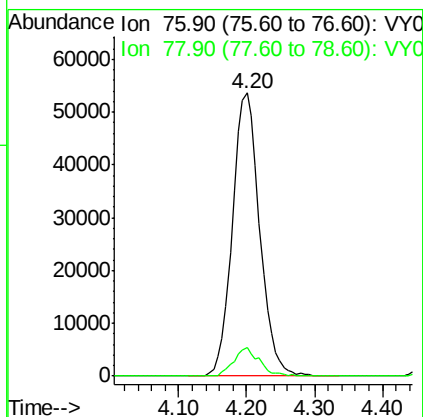
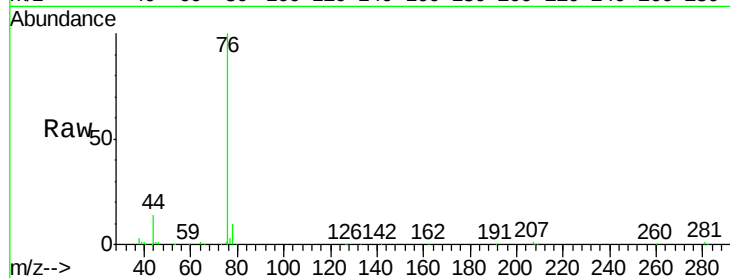
78 10.0 7.5 11.3

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#18

Methyl Acetate

Concen: 10.360 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003381.D

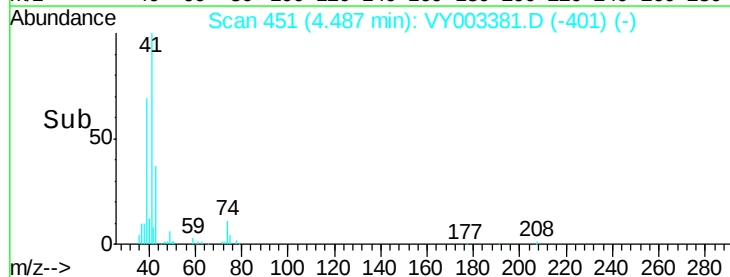
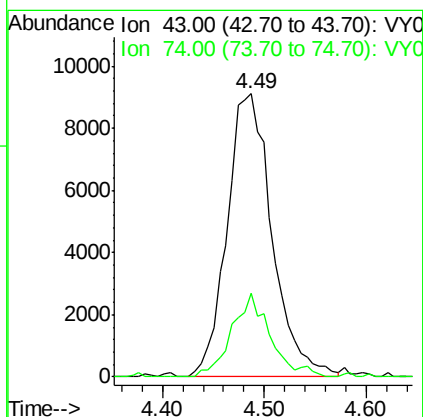
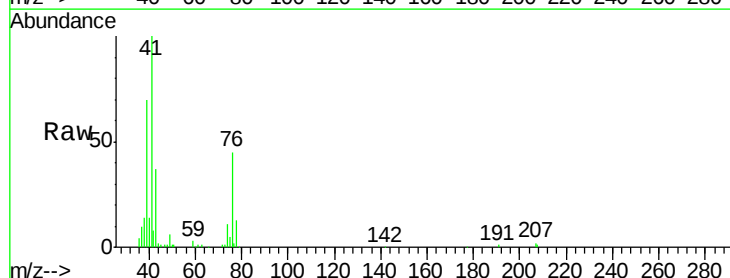
Acq: 31 Jul 2020 11:21

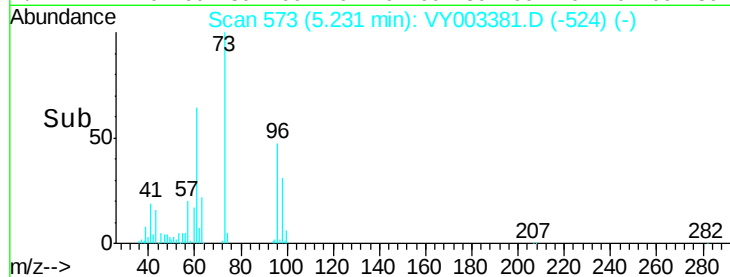
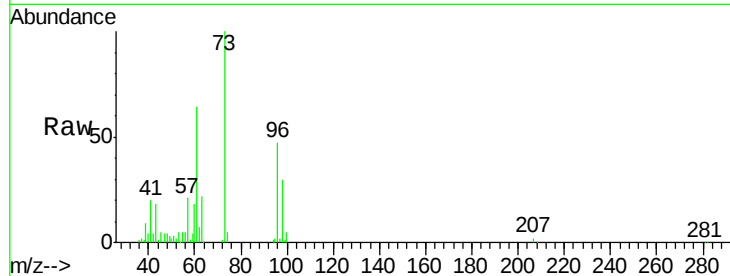
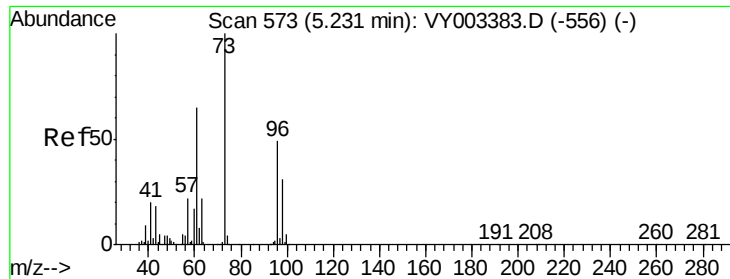
Tgt Ion: 43 Resp: 27908

Ion Ratio Lower Upper

43 100

74 25.3 19.2 28.8





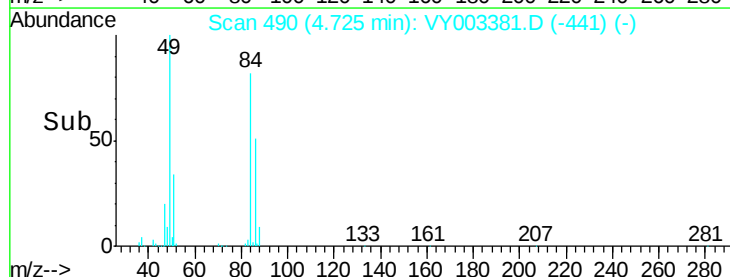
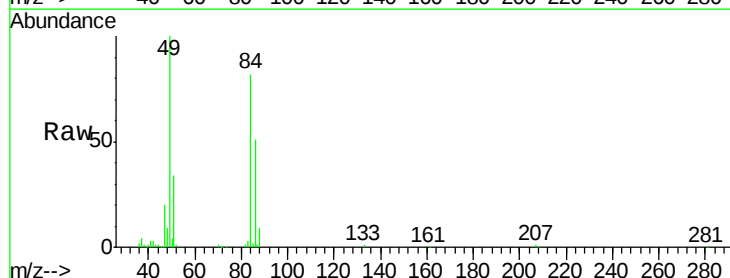
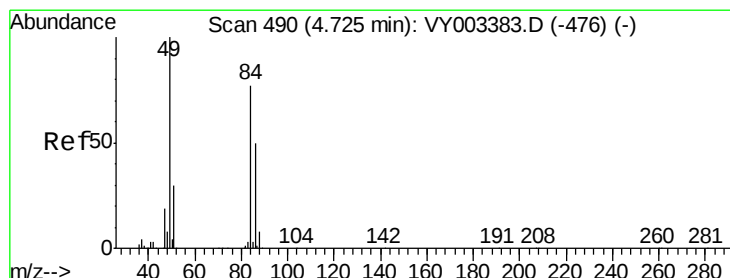
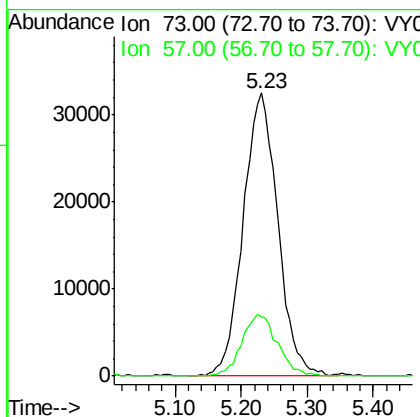
#19
Methvl tert-butvl Ether
Concen: 10.011 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tot Ion	73	Resp	118428
Ion Ratio	73	100	
Lower	57	21.2	17.8
Upper			26.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

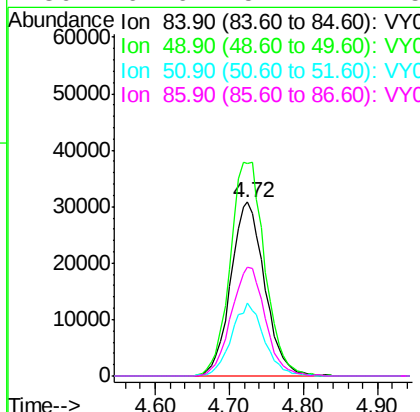
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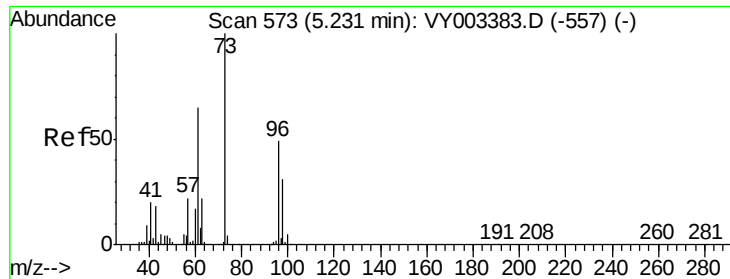
MMDadoda
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#20
Methylene Chloride
Concen: 16.863 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	84	Resp	98287
Ion Ratio	84	100	
Lower	49	122.1	104.2
Upper	51	41.9	31.5
	86	62.6	51.7
			77.5





#21

trans-1,2-Dichloroethene

Concen: 10.746 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

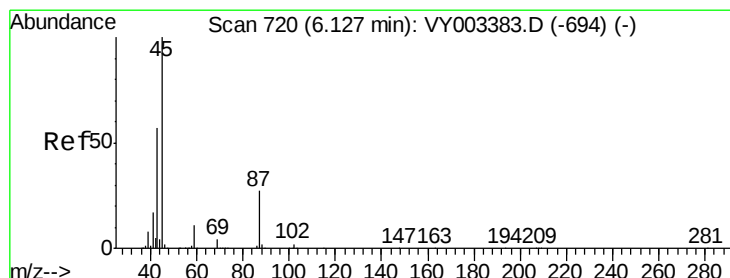
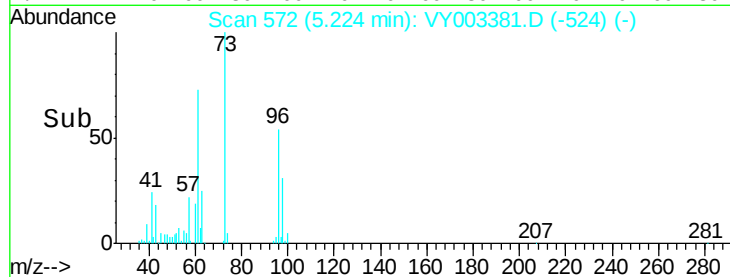
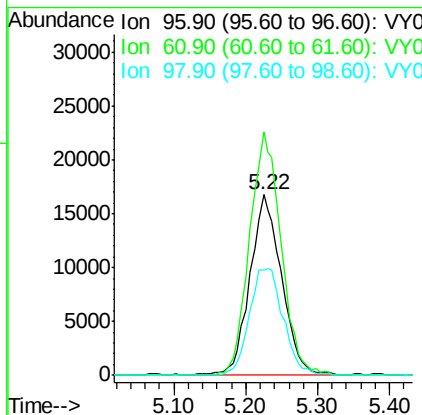
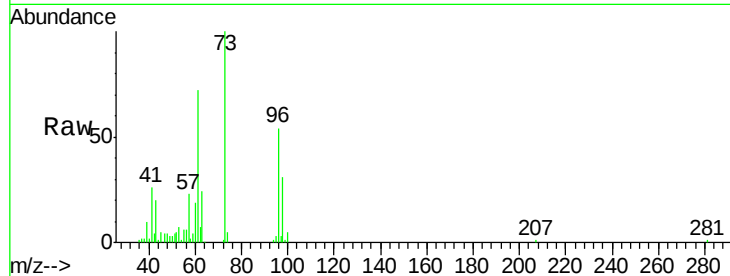
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	51385
Ion	Ratio	Lower	Upper
96	100		
61	135.0	106.3	159.5
98	58.3	50.8	76.2

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#22

Diisopropyl ether

Concen: 10.998 ug/l

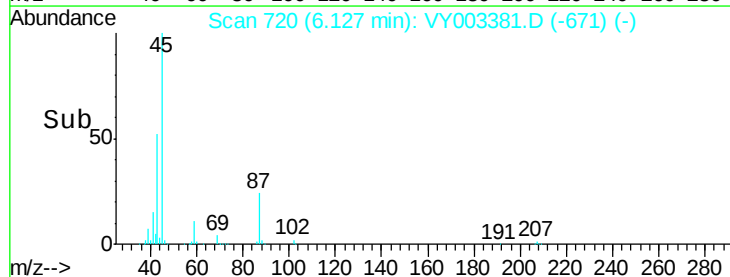
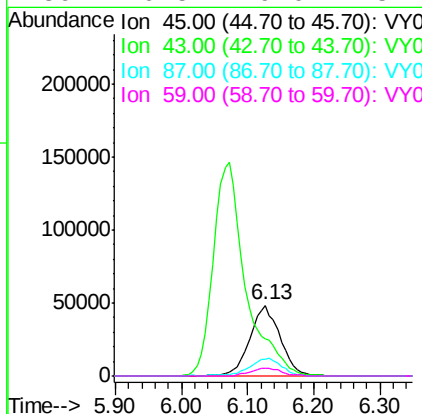
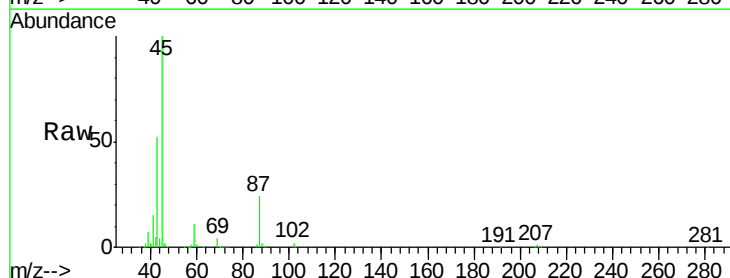
RT: 6.13 min Scan# 720

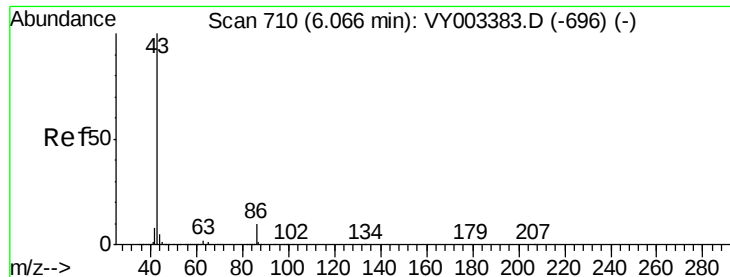
Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Tgt Ion:	45	Resp:	154986
Ion	Ratio	Lower	Upper
45	100		
43	51.7	45.6	68.4
87	23.7	21.3	31.9
59	10.5	9.0	13.4





#23

Vinyl Acetate

Concen: 52.964 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Tot Ion: 43 Resp: 496402

Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0

Instrument :

MSVOA_Y

ClientSampleId :

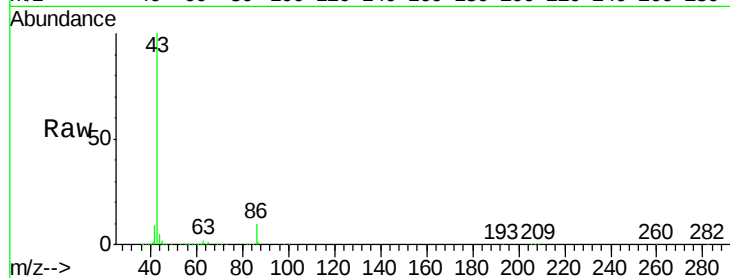
VSTDIC010

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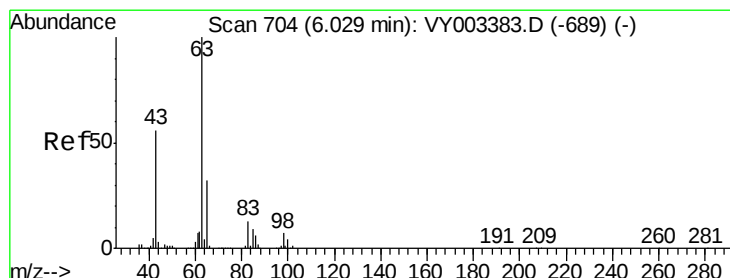
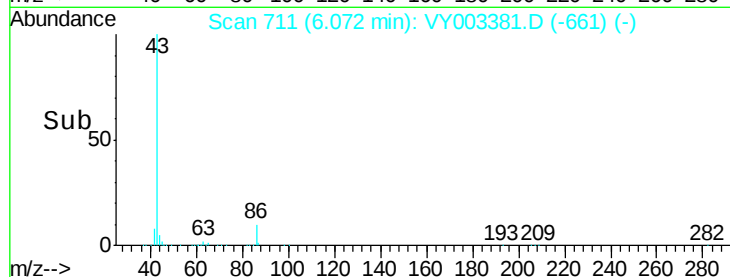
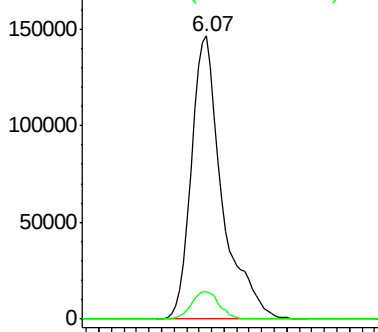
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 11.026 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

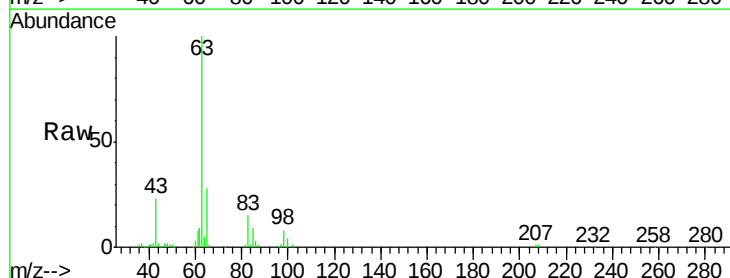
Tgt Ion: 63 Resp: 89608

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

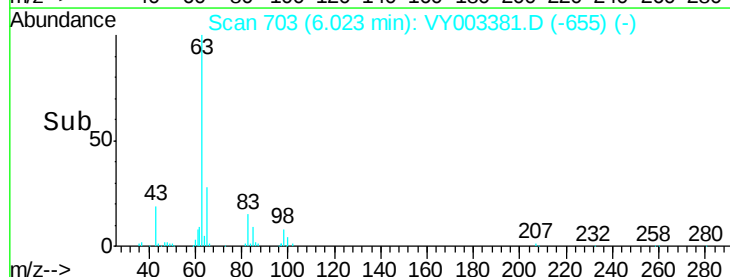
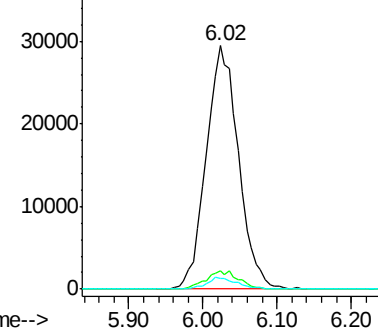
100 4.2 2.2 6.6

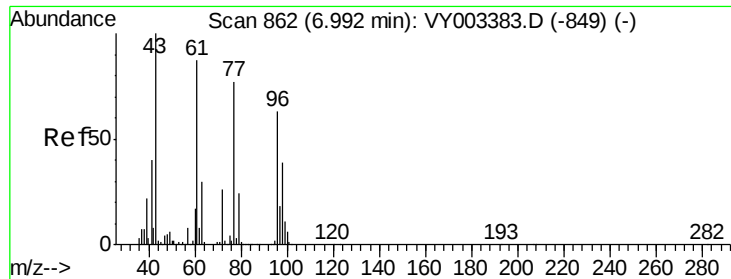


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 53.199 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 84958

Ion Ratio Lower Upper

43 100

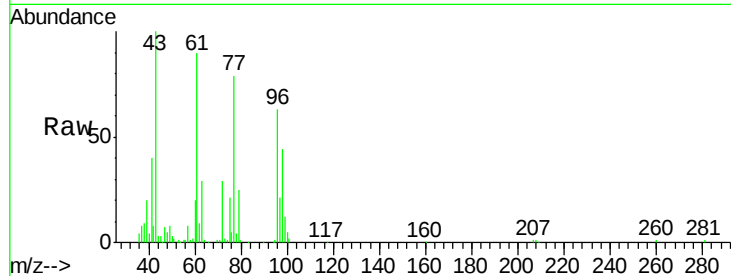
72 29.0 21.1 31.7

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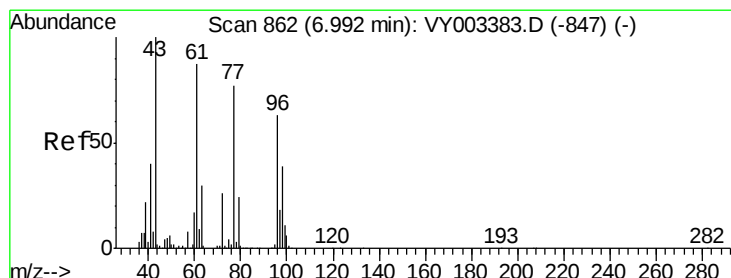
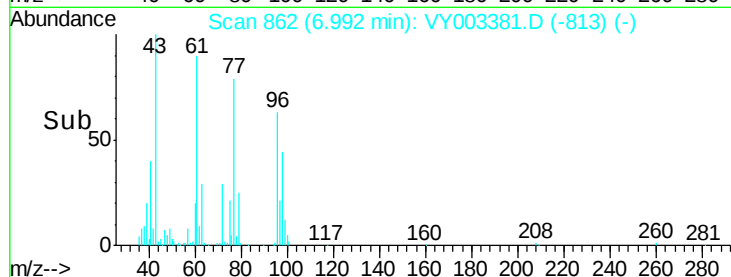
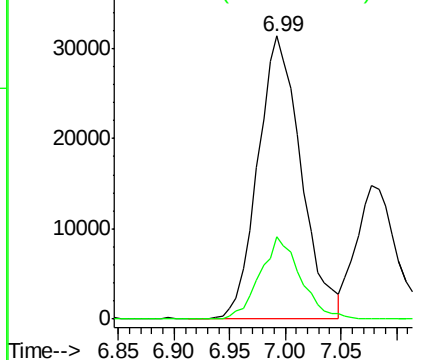
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 10.768 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003381.D

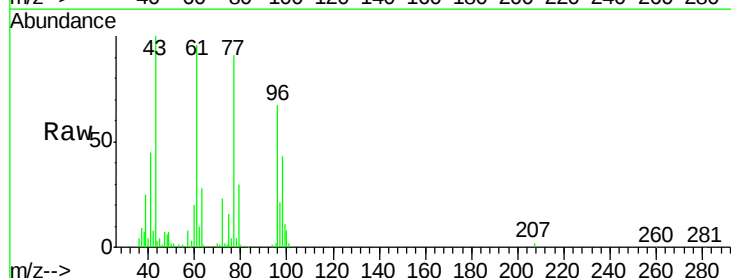
Acq: 31 Jul 2020 11:21

Tgt Ion: 77 Resp: 78759

Ion Ratio Lower Upper

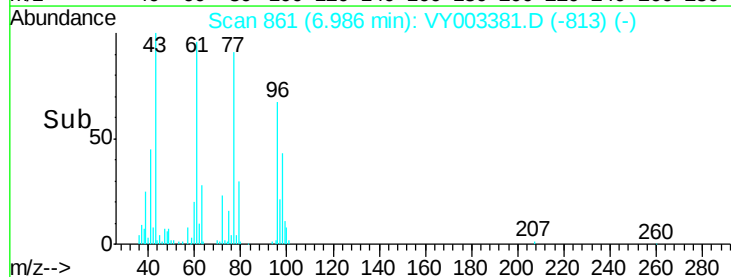
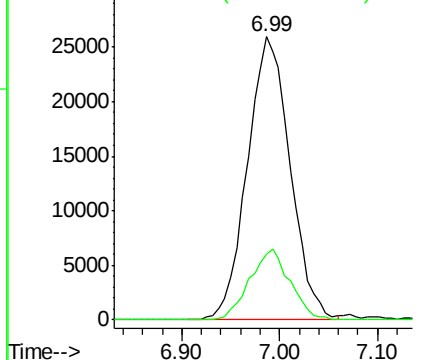
77 100

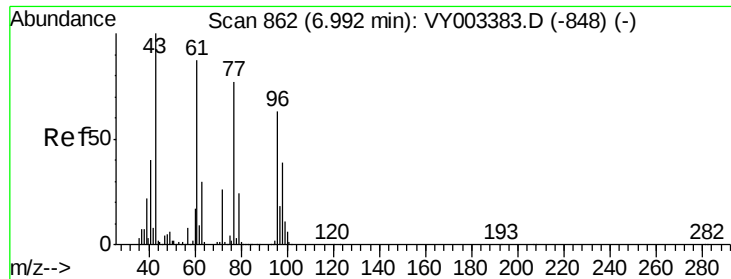
97 23.6 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

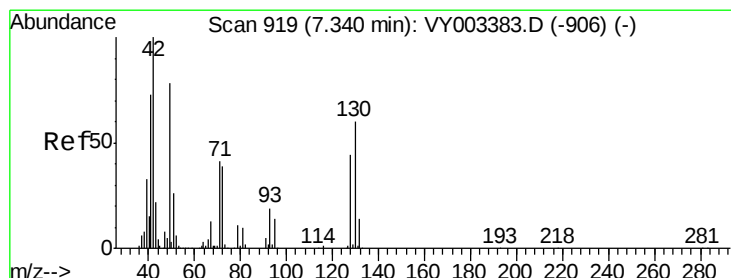
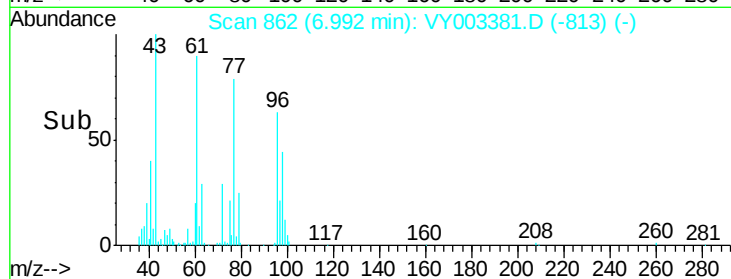
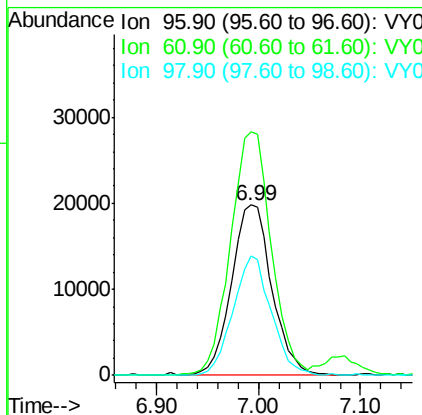
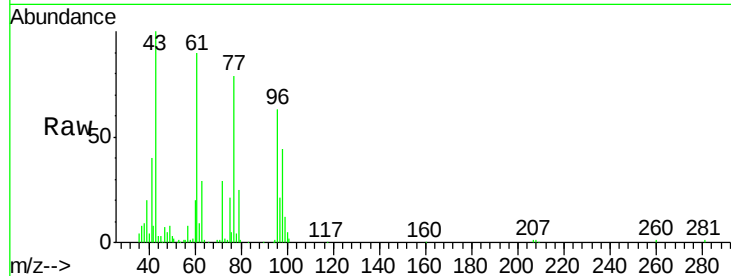
cis-1,2-Dichloroethene
 Concen: 10.320 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	290.0
98	66.2	0.0	129.0

Manual Integrations
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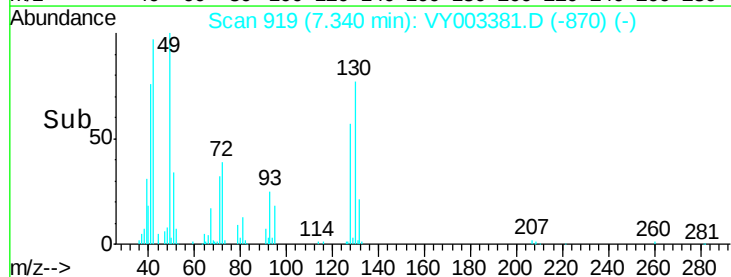
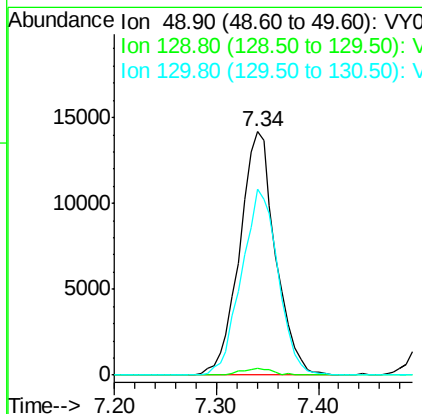
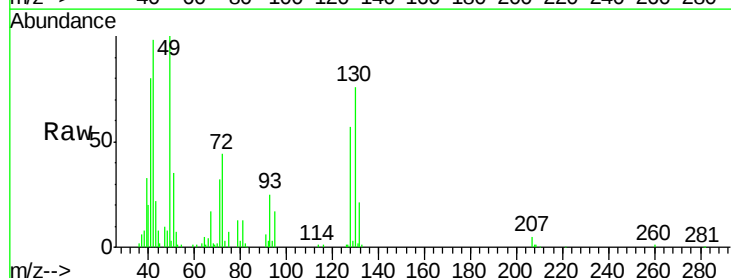
MMDadoda
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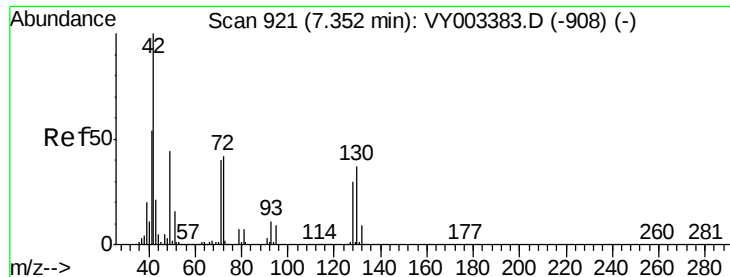


#28

Bromochloromethane
 Concen: 10.136 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	77.9	60.3	90.5





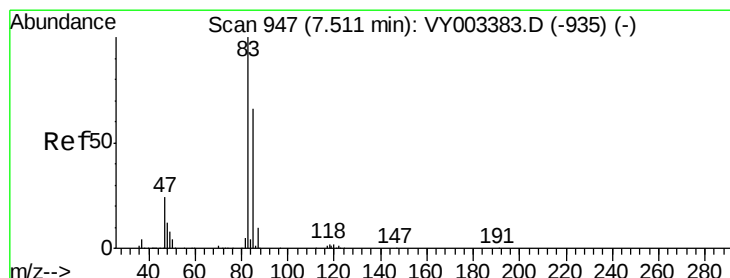
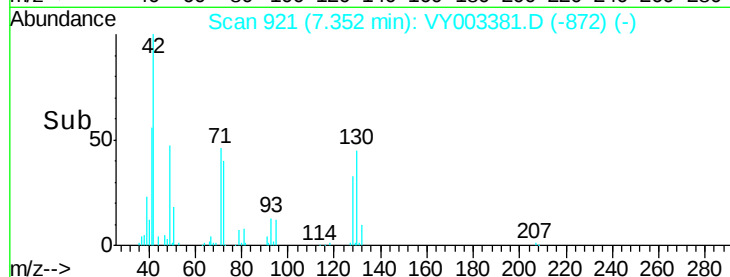
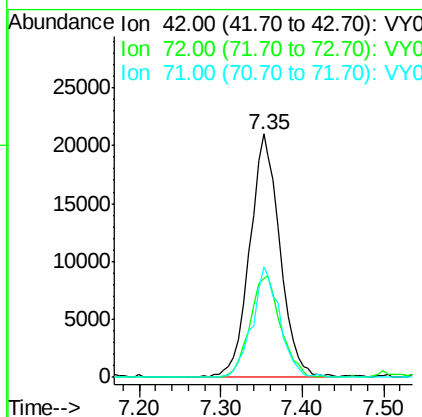
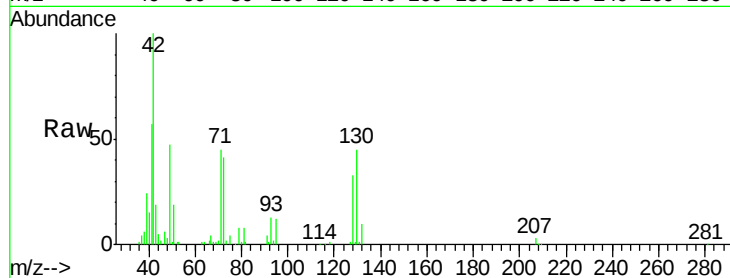
#29
Tetrahydrofuran
Concen: 51.069 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.5	50.3
71	41.3	32.1	48.1

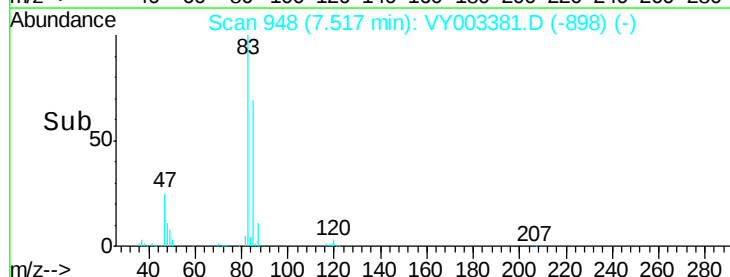
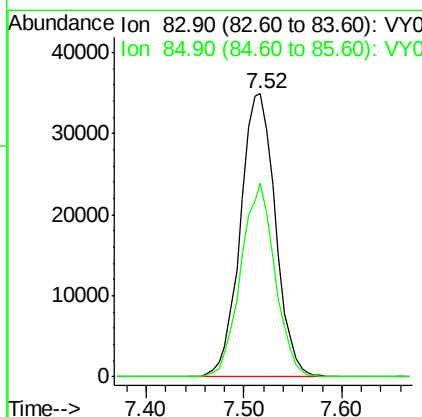
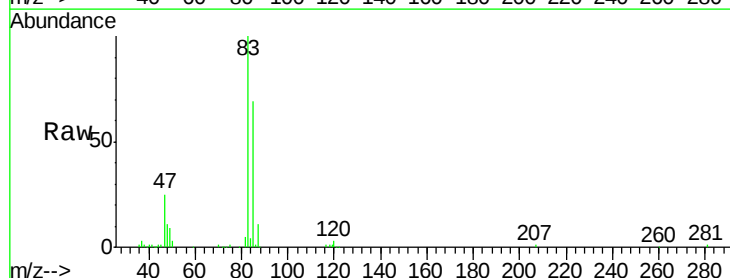
Manual Integrations
APPROVED

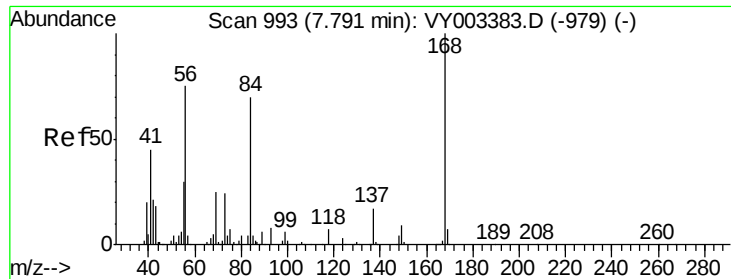
MMDadoda
8/3/2020 12:37:23 PM



#30
Chloroform
Concen: 10.397 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.01 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	52.5	78.7





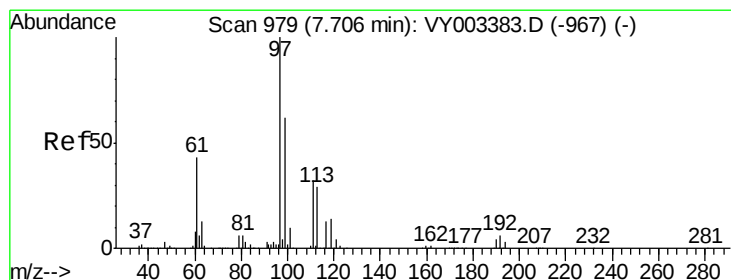
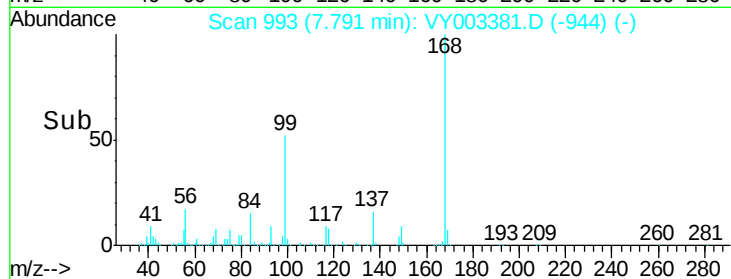
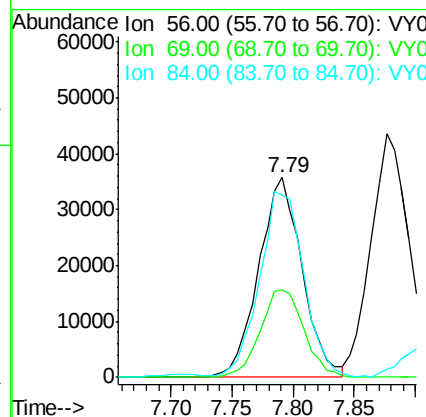
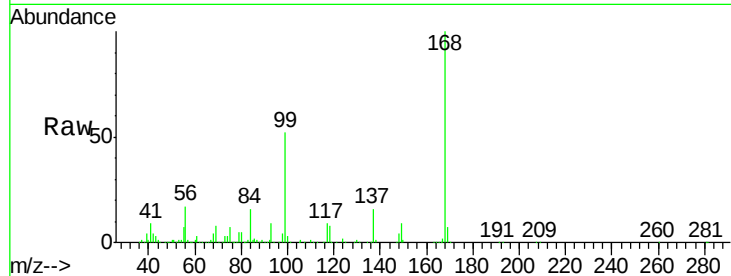
#31
Cvclohexane
Concen: 11.241 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	43.8	26.1	39.1#
84	89.5	73.9	110.9

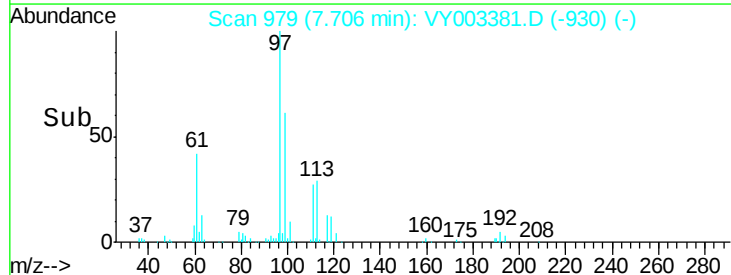
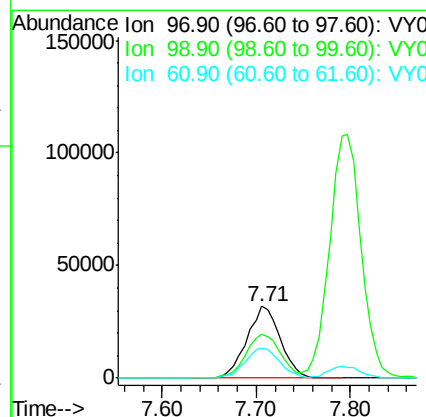
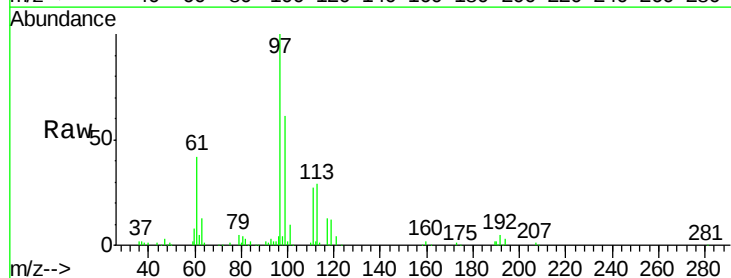
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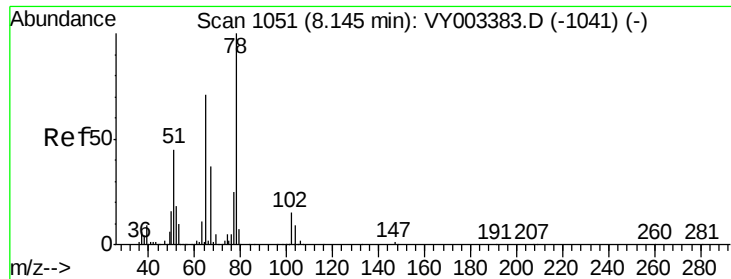
MMDadoda
8/3/2020 12:37:23 PM



#32
1,1,1-Trichloroethane
Concen: 10.516 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.9	76.3
61	43.3	33.7	50.5





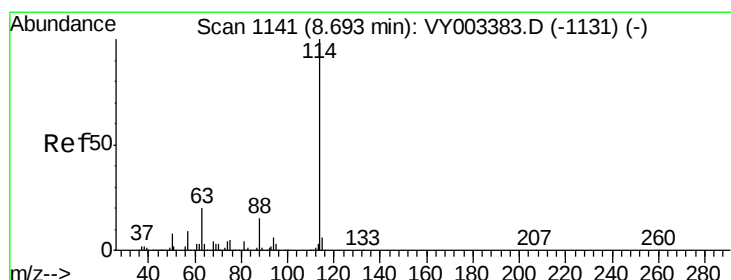
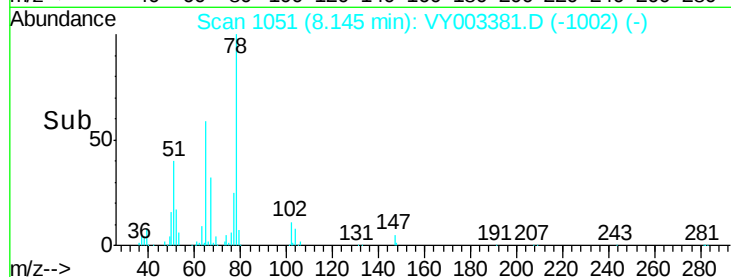
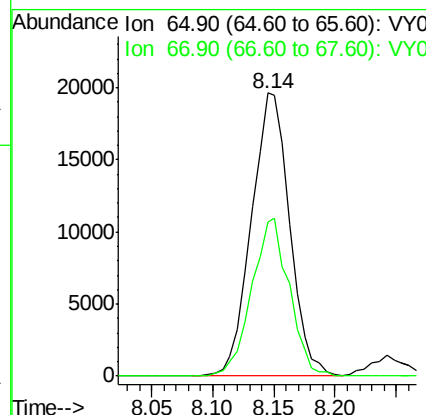
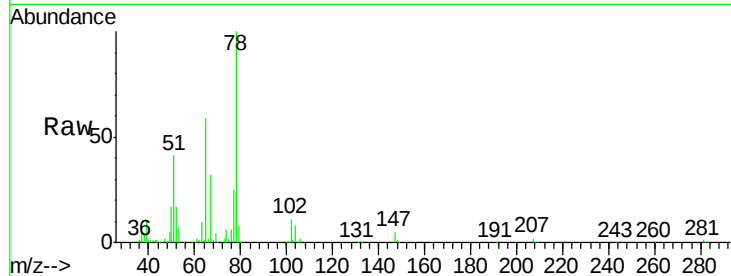
#33
 1,2-Dichloroethane-d4
 Concen: 9.752 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	106.6

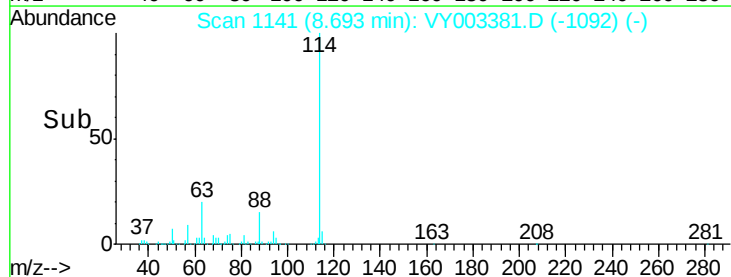
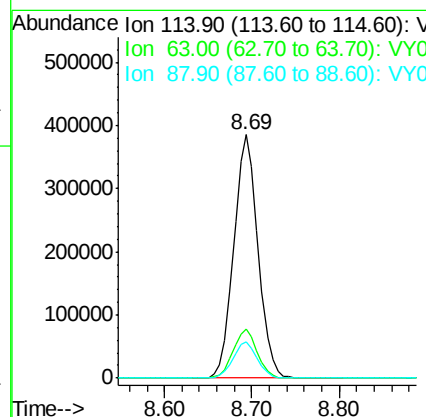
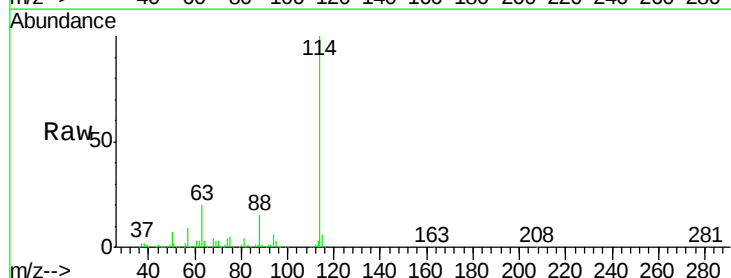
Manual Integrations
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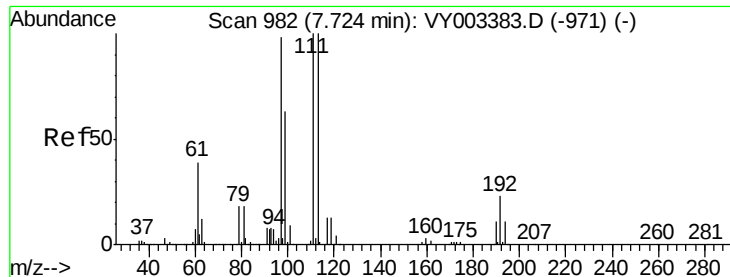
MMDadoda
 8/3/2020 12:37:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.6
88	15.0	0.0	29.2





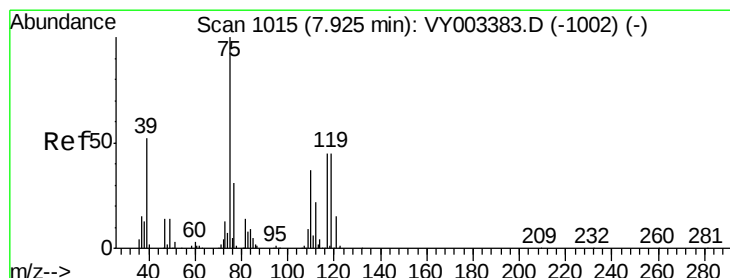
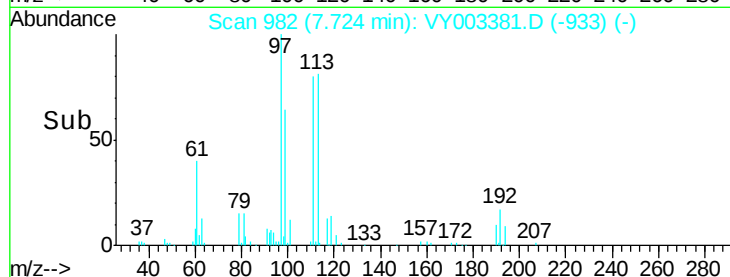
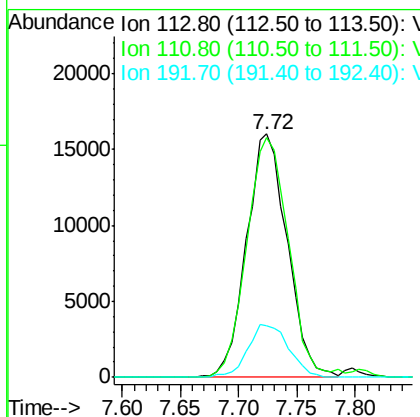
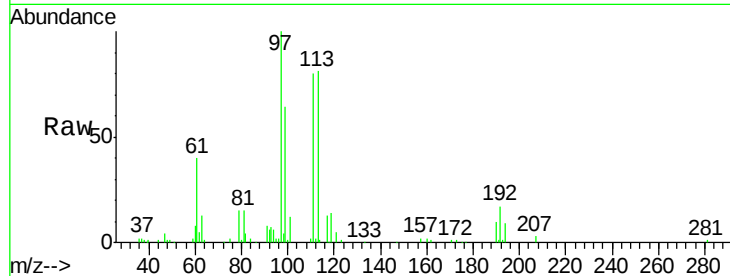
#35
 Dibromofluoromethane
 Concen: 8.950 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
113	100	38865		
111	101.4	83.0	124.4	
192	21.8	18.8	28.2	

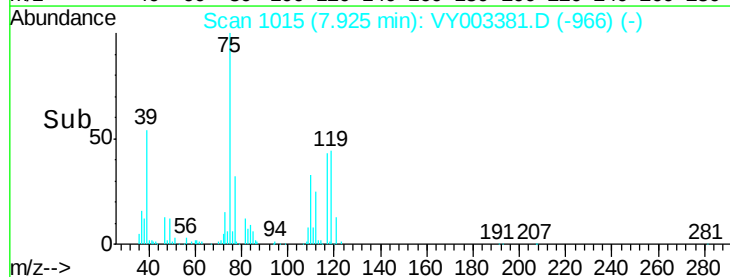
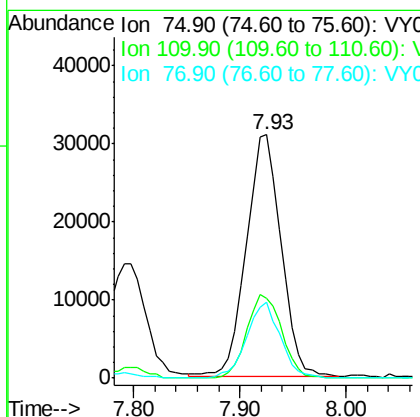
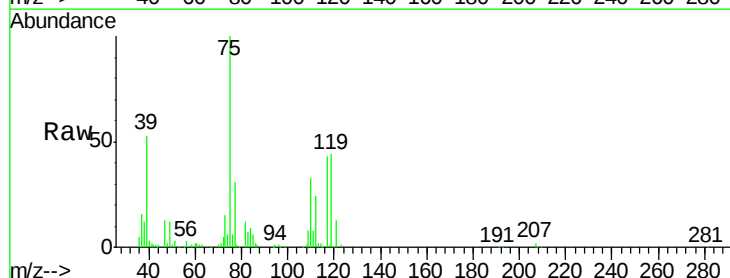
Manual Integrations
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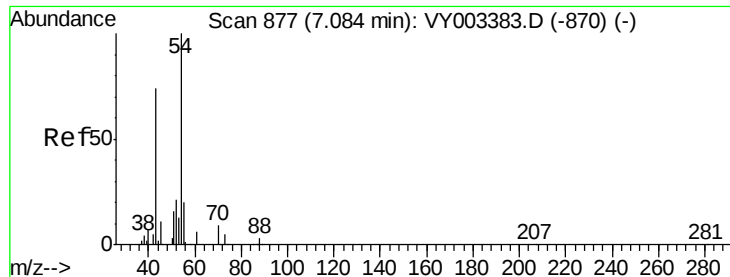
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 8/3/2020 12:37:23 PM



#36
 1,1-Dichloropropene
 Concen: 10.468 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71342		
110	34.7	17.8	53.5	
77	30.0	24.6	36.8	





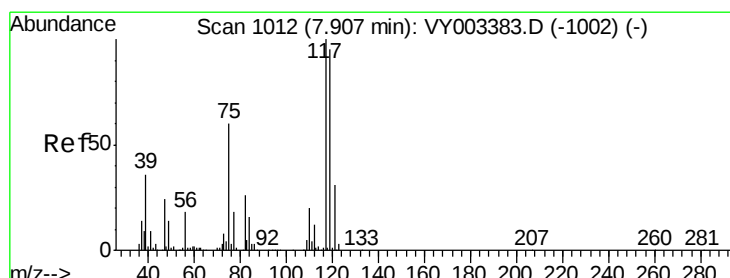
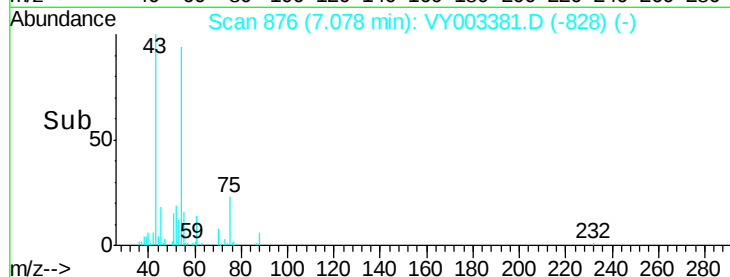
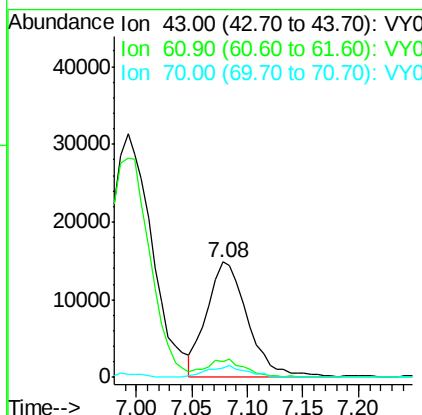
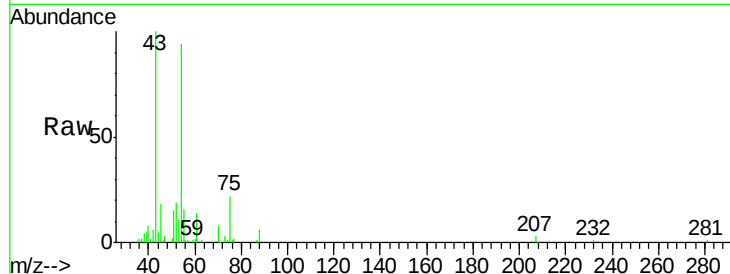
#37
Ethyl Acetate
Concen: 10.171 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.2	16.8
70	9.6	7.7	11.5

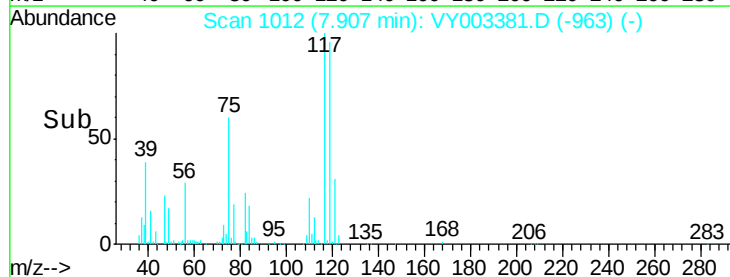
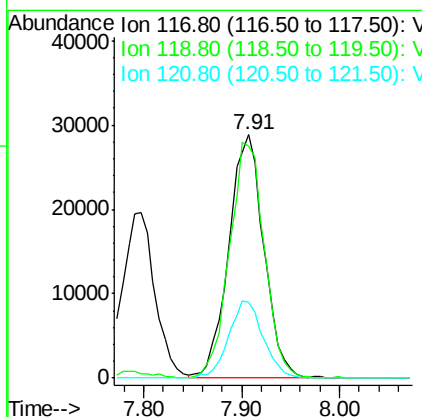
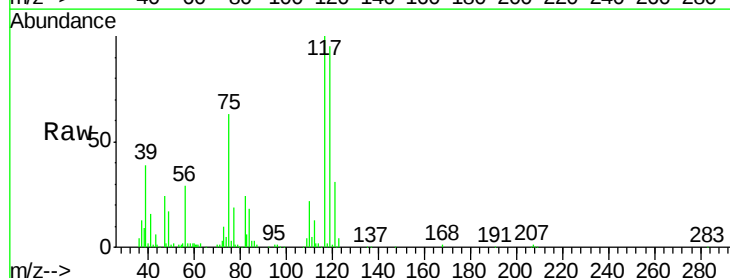
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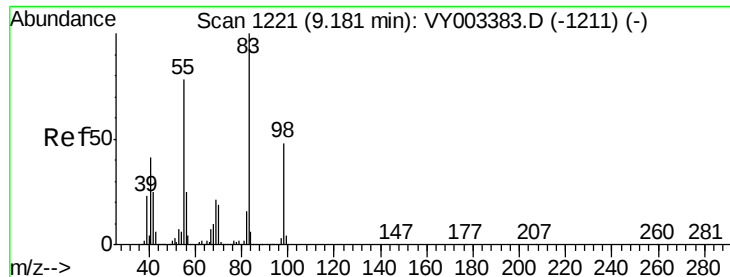
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#38
Carbon Tetrachloride
Concen: 10.203 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.1	114.1
121	31.0	24.5	36.7





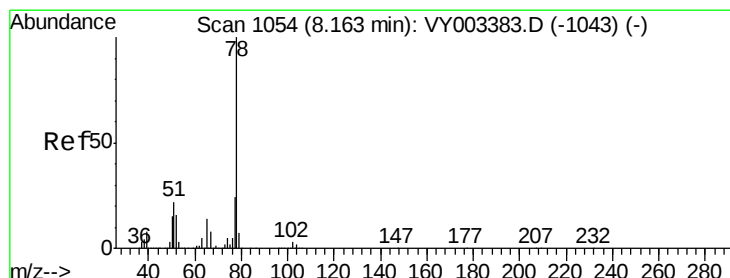
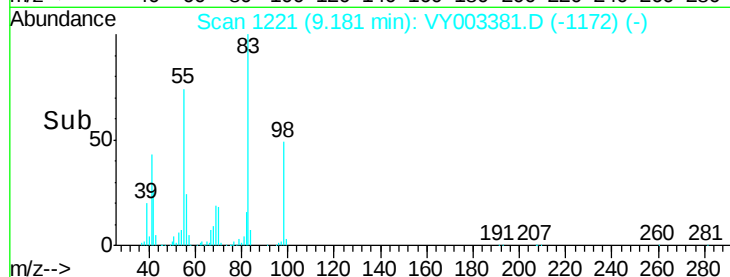
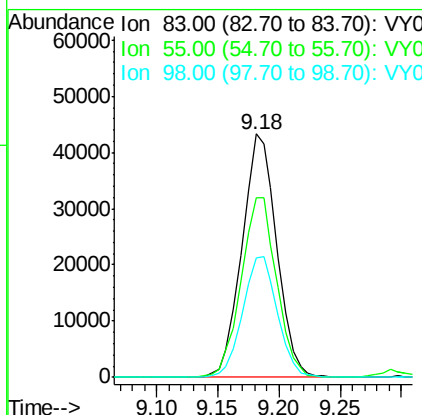
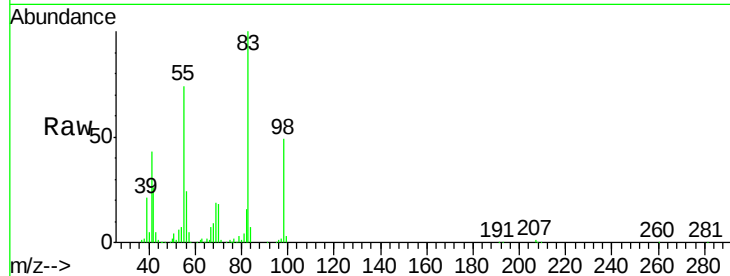
#39
Methvlcvclohexane
Concen: 9.990 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	62.2	93.4
98	49.1	38.7	58.1

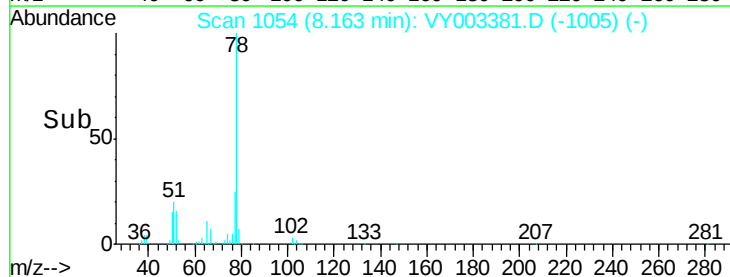
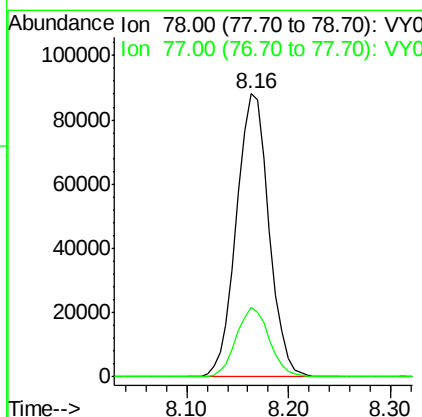
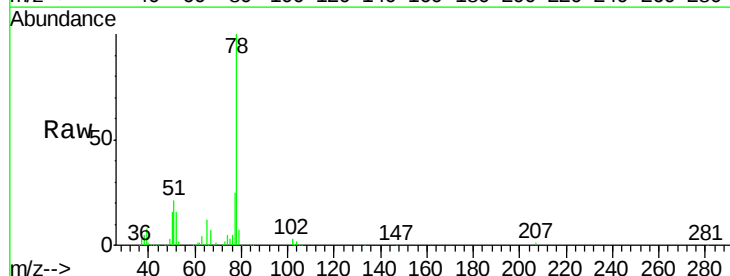
Manual Integrations
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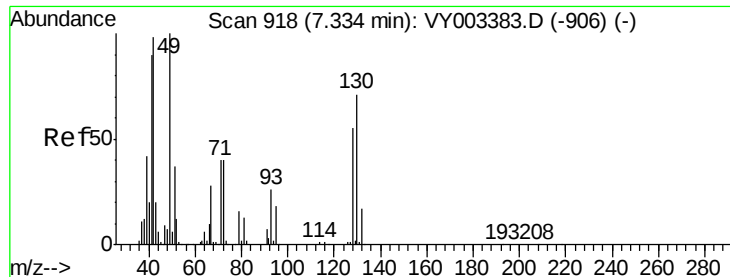
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#40
Benzene
Concen: 10.407 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3





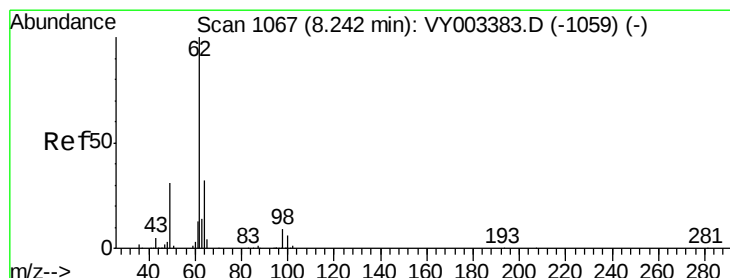
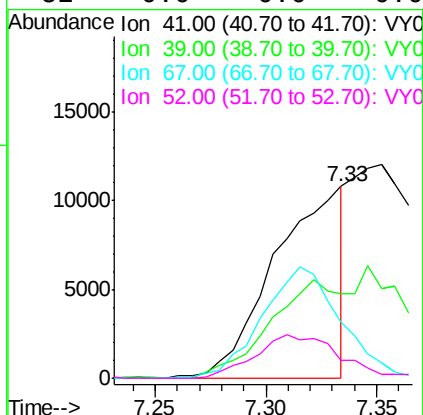
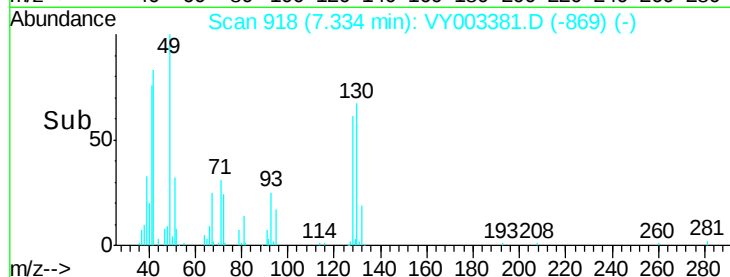
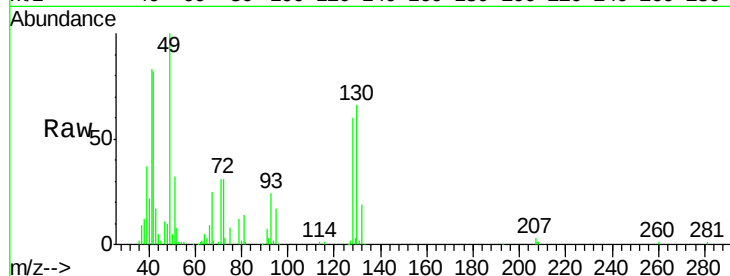
#41
Methacrylonitrile
Concen: 10.567 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	41	Resp	23551
Ion	Ratio	Lower	Upper
41	100		
39	0.0	78.3	117.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

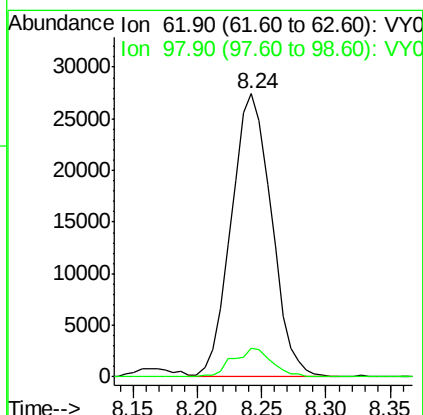
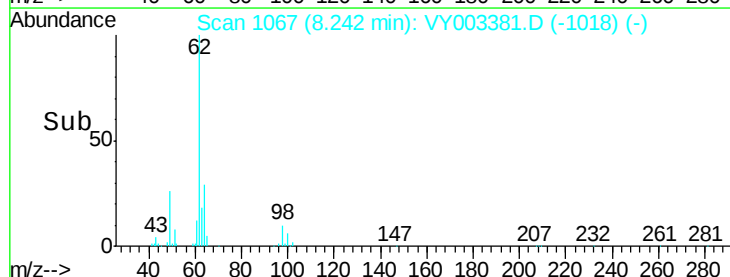
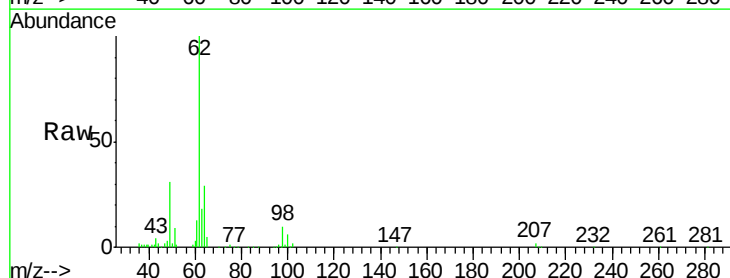
Manual Integrations
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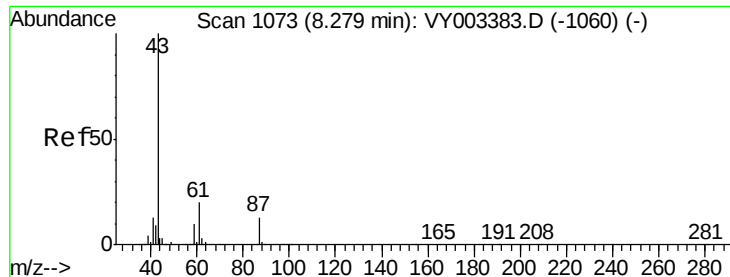
MMDadoda
8/3/2020 12:37:23 PM



#42
1,2-Dichloroethane
Concen: 10.342 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	62	Resp	59588
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





#43

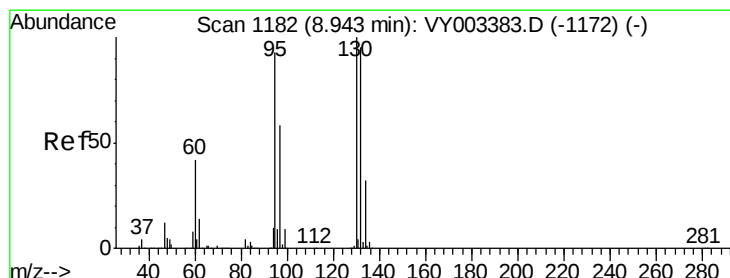
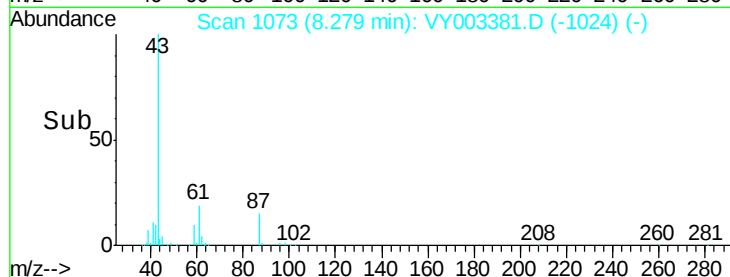
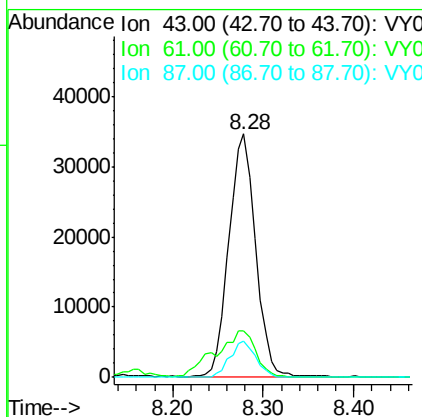
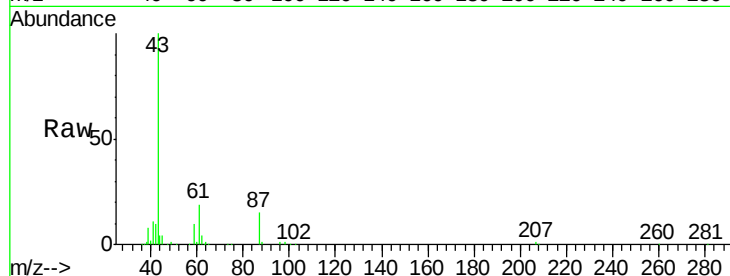
Isopropyl Acetate
 Concen: 10.061 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.0	34.4
87	14.4	10.5	15.7

Manual Integrations
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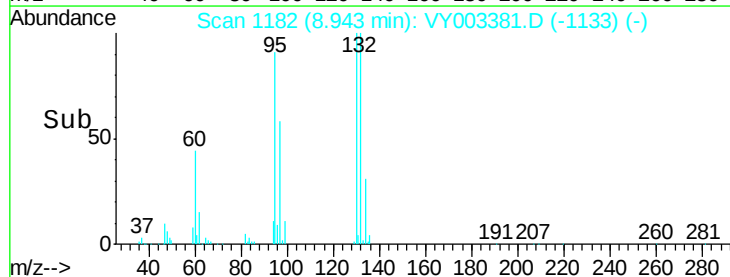
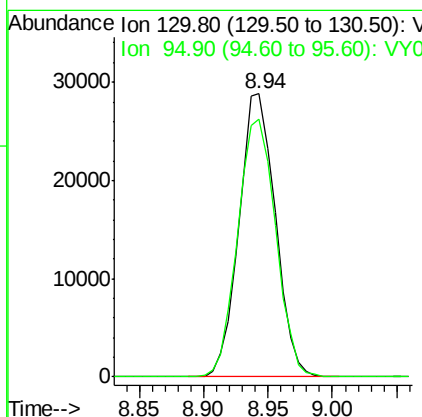
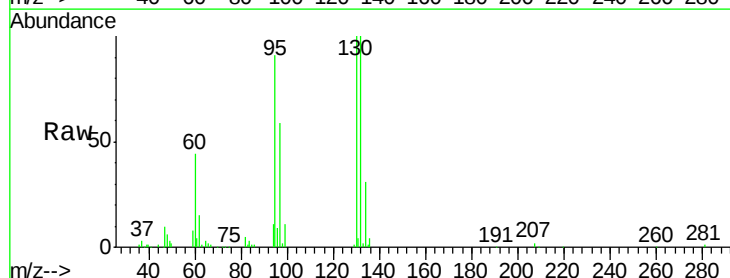
MMDadoda
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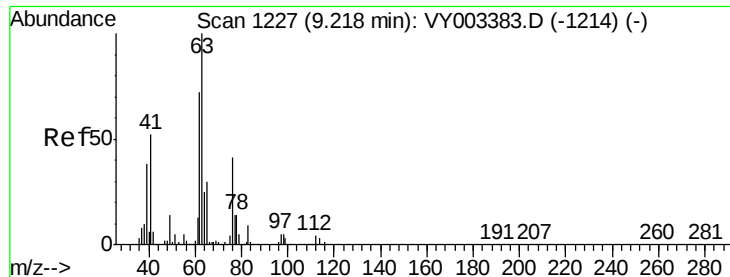


#44

Trichloroethene
 Concen: 9.873 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	186.8





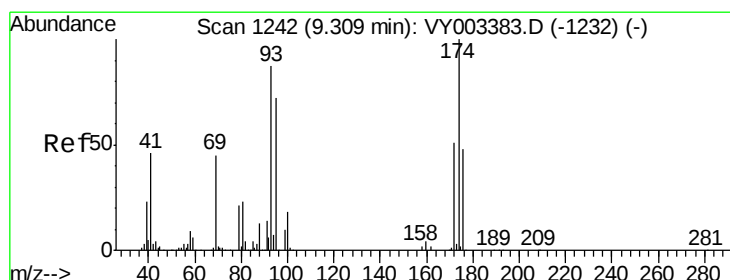
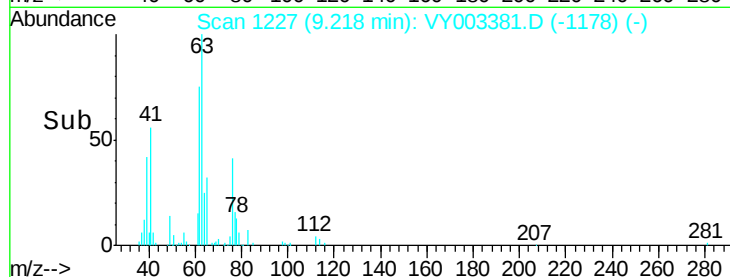
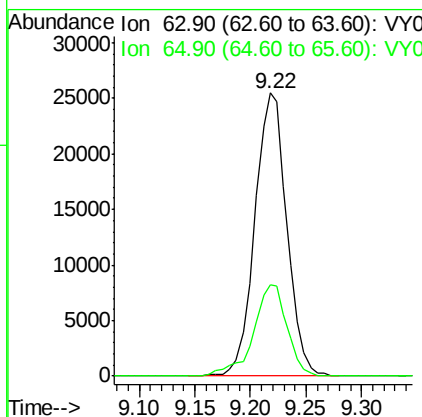
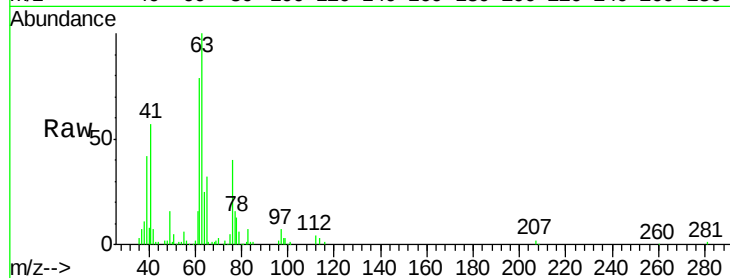
#45
 1,2-Dichloropropane
 Concen: 10.443 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.8	35.8

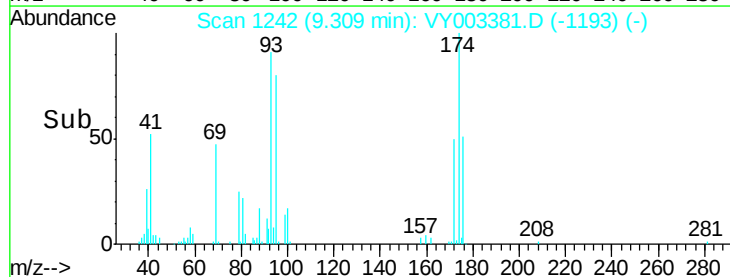
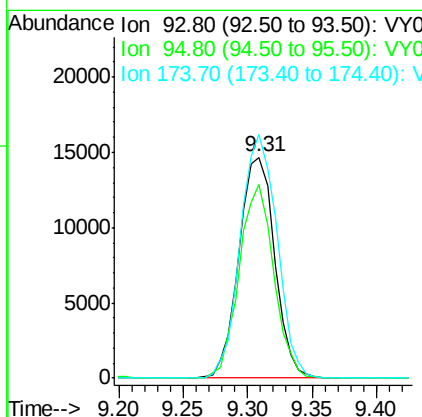
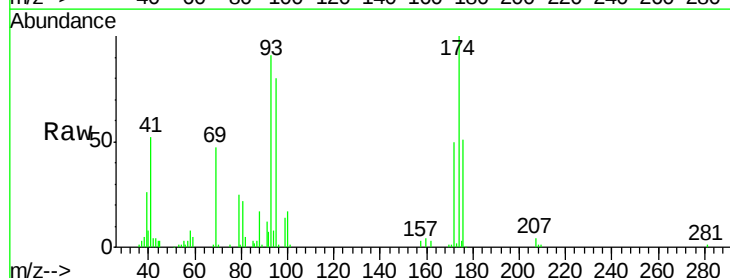
Manual Integrations
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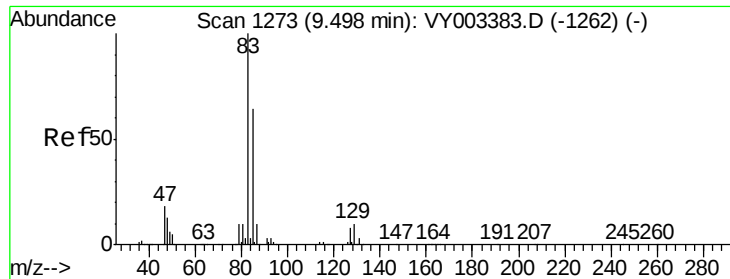
MMDadoda
 8/3/2020 12:37:23 PM



#46
 Dibromomethane
 Concen: 10.091 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	65.4	98.0
174	112.3	88.6	133.0





#47

Bromodichloromethane

Concen: 10.126 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

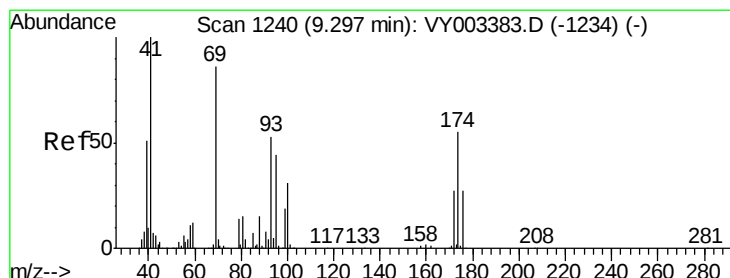
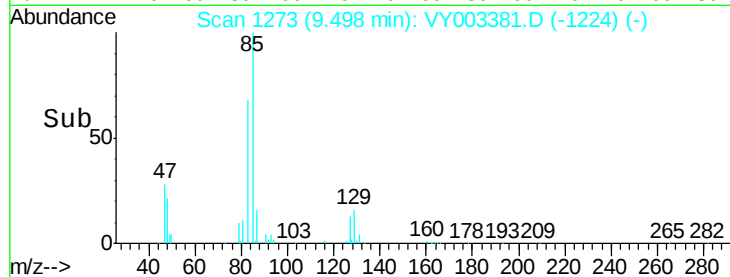
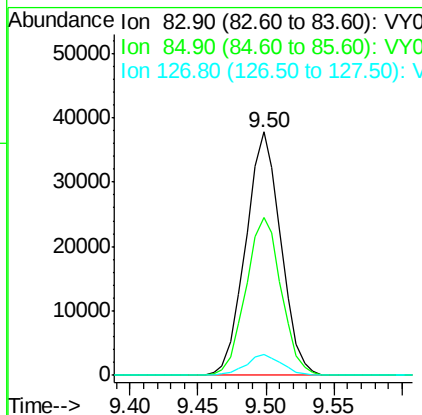
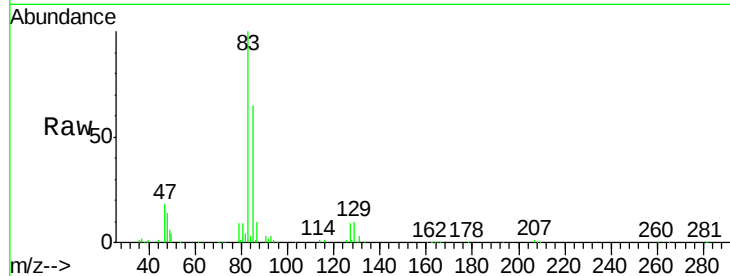
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	68131
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.6	77.4
127	8.7	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 10.008 ug/l

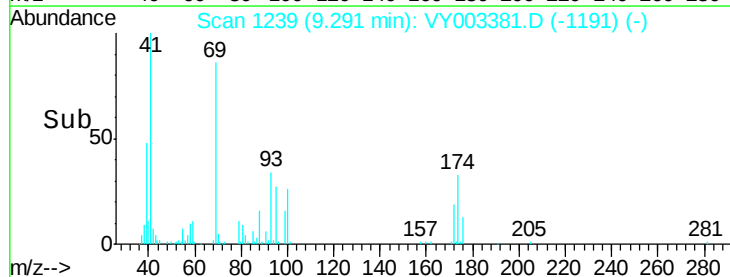
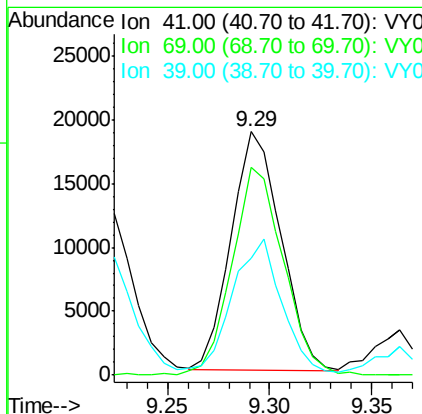
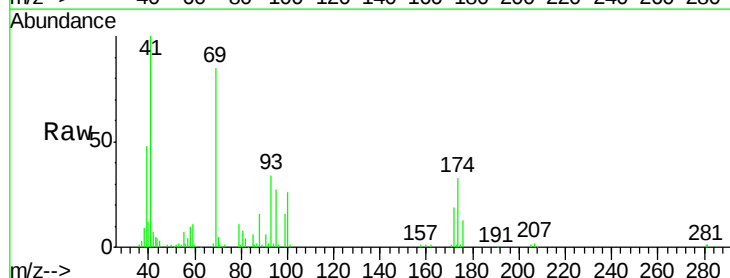
RT: 9.29 min Scan# 1239

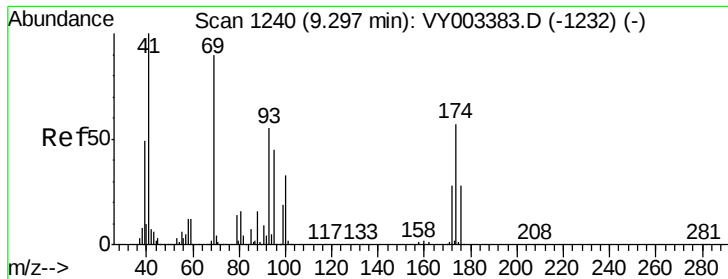
Delta R.T. -0.01 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Tgt Ion:	41	Resp:	31827
Ion Ratio	Lower	Upper	
41	100		
69	89.4	68.9	103.3
39	58.0	43.1	64.7





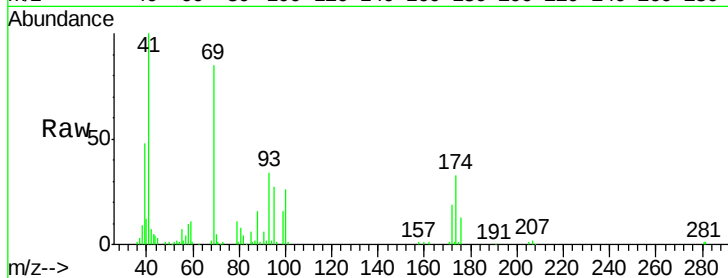
#49
1,4-Dioxane
Concen: 190.160 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	24.9	37.3
58	73.2	54.3	81.5

Manual Integrations
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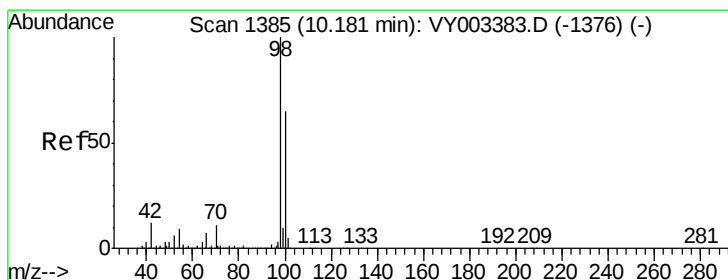
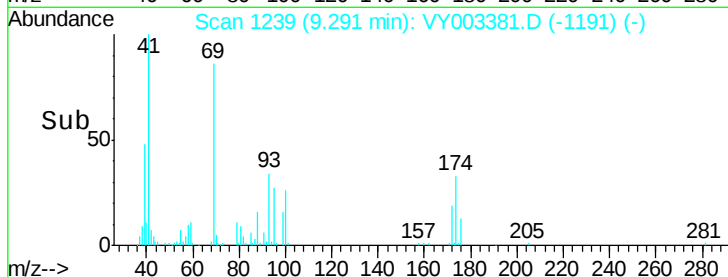
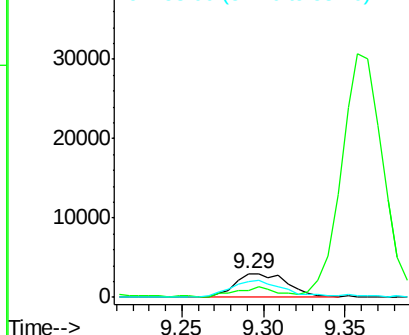


Abundance

Ion 88.00 (87.70 to 88.70): VY0

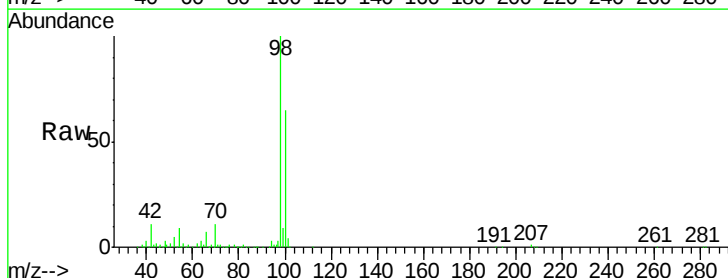
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 9.223 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

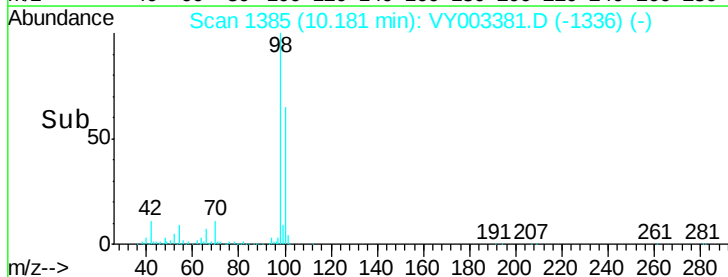
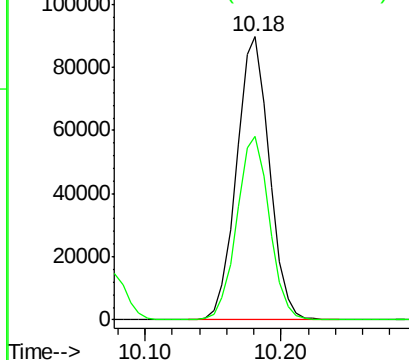
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.3	76.9

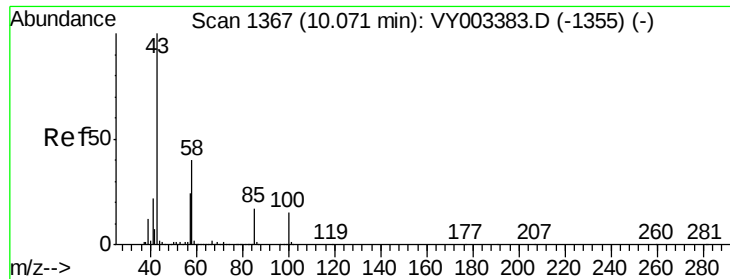


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





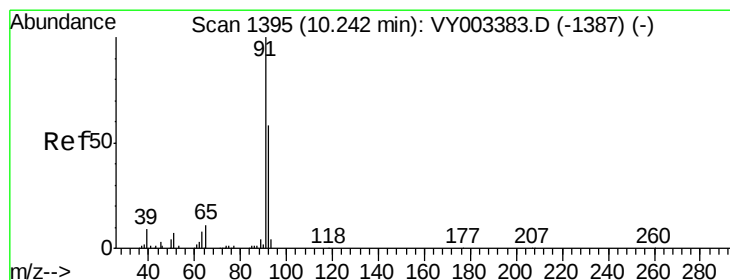
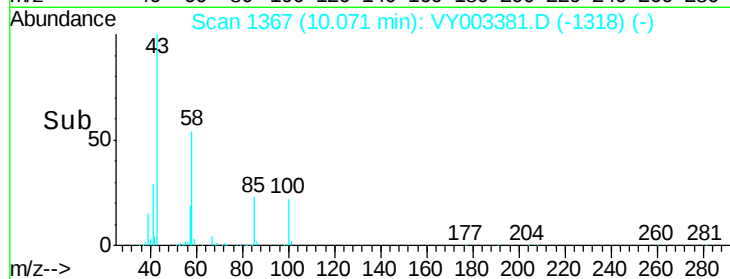
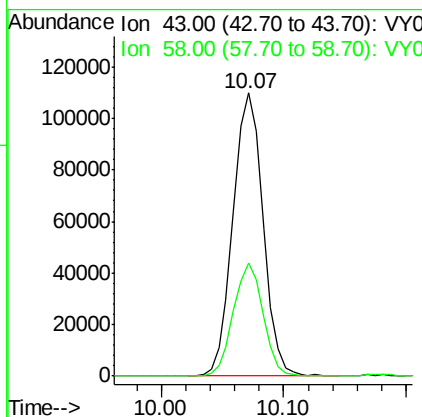
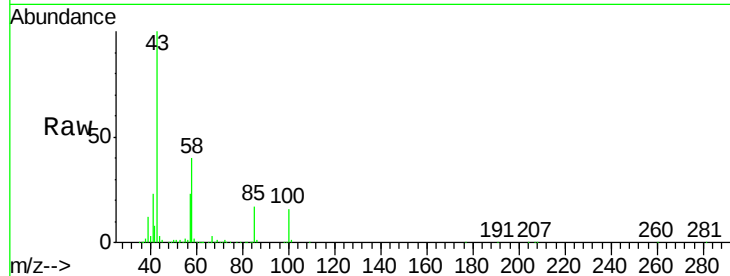
#51
4-Methyl-2-Pentanone
Concen: 50.601 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	43	58	Ratio	Lower	Upper
186898	100	39.3		31.6	47.4

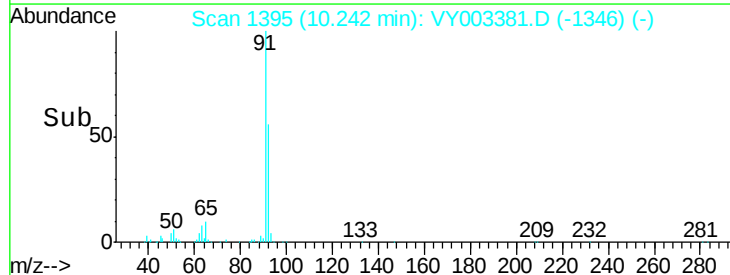
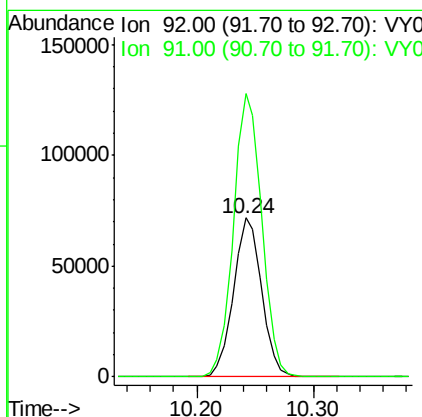
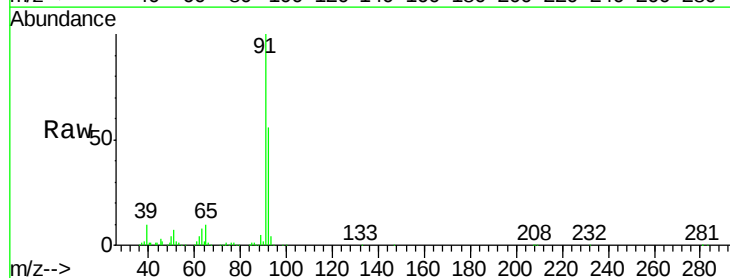
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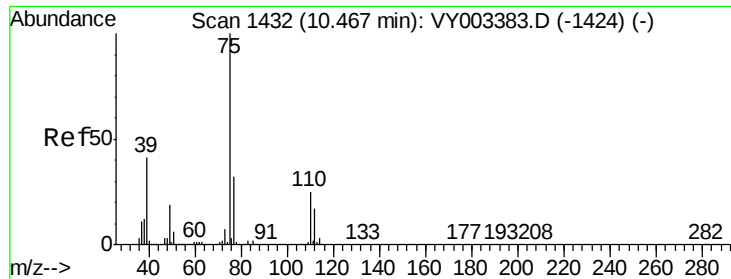
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#52
Toluene
Concen: 10.086 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	92	91	Ratio	Lower	Upper
120796	100	179.7		139.4	209.0





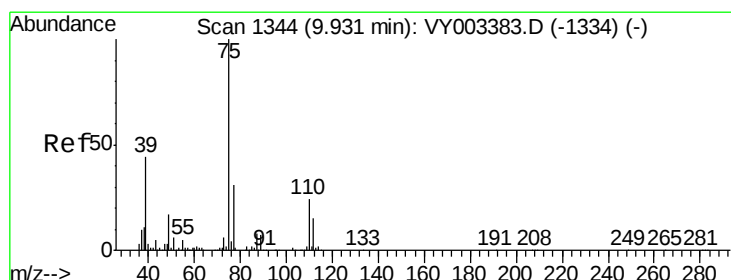
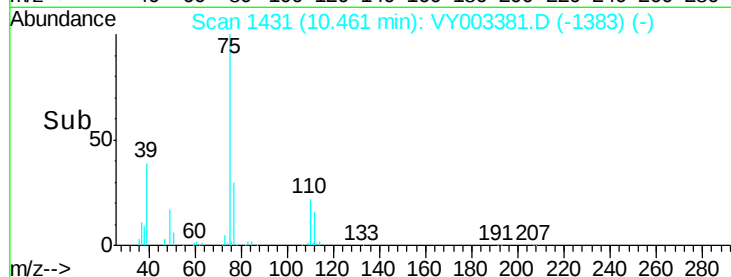
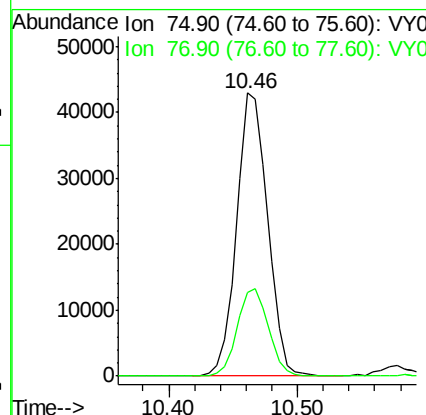
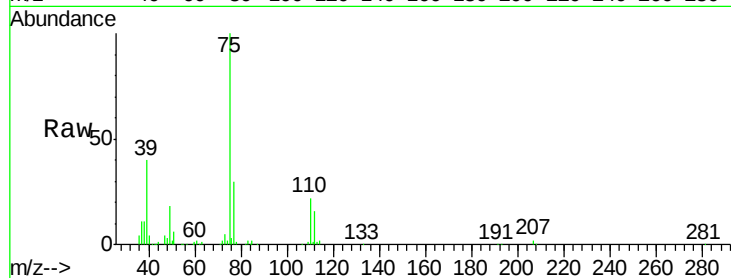
#53
 t-1,3-Dichloropropene
 Concen: 10.285 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC010

Tot Ion: 75 Resp: 71769
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.2

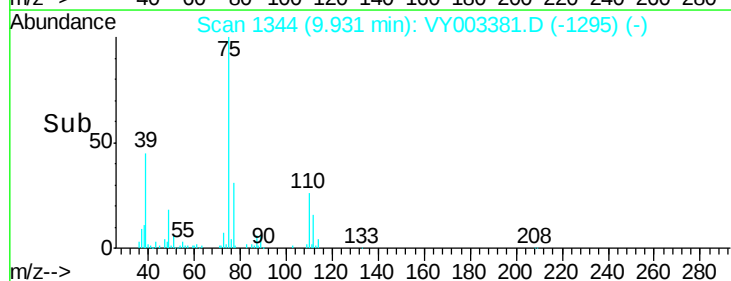
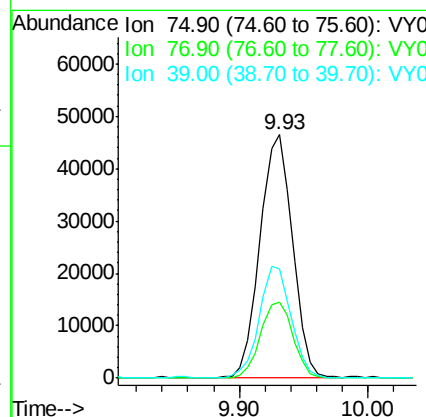
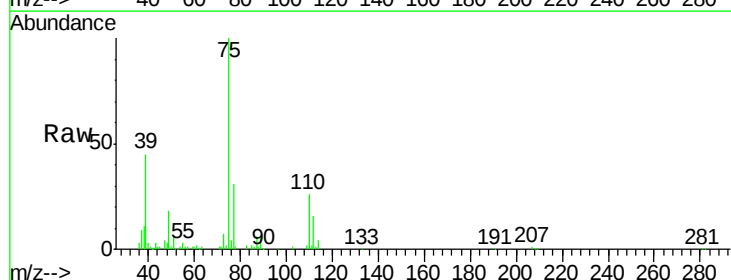
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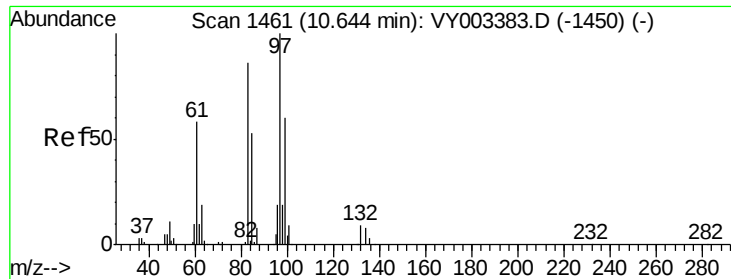
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#54
 cis-1,3-Dichloropropene
 Concen: 10.135 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion: 75 Resp: 81526
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.8 37.2
 39 44.6 34.8 52.2





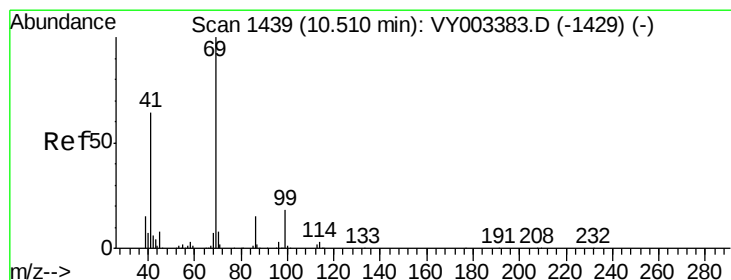
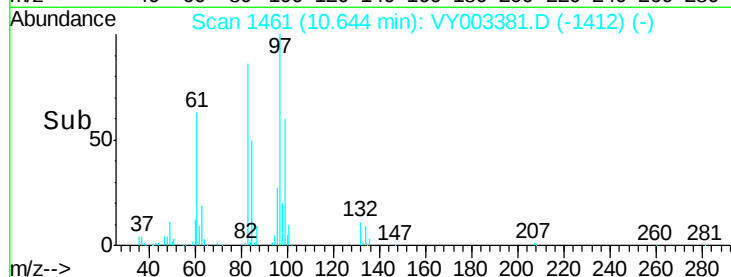
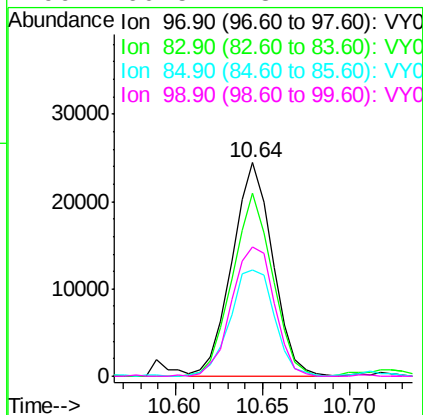
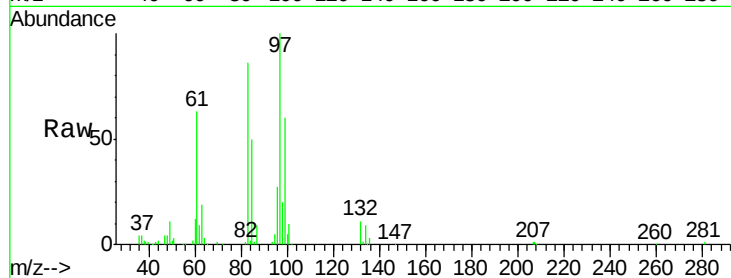
#55
 1,1,2-Trichloroethane
 Concen: 9.922 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	39713
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.1	103.7
85	49.4	42.5	63.7
99	60.5	48.2	72.4

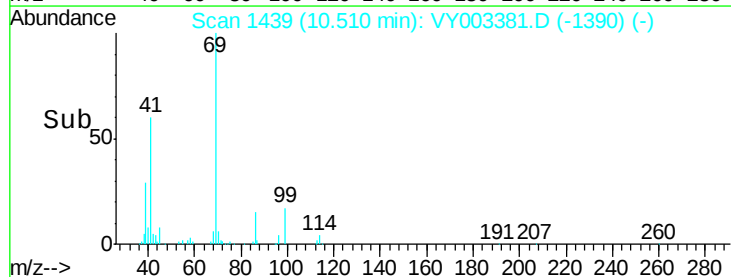
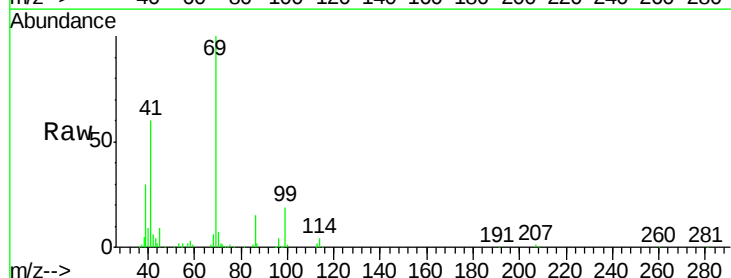
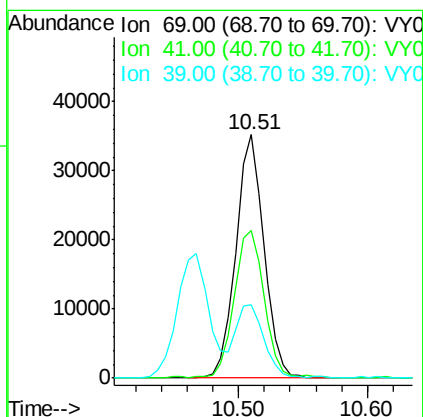
Manual Integrations
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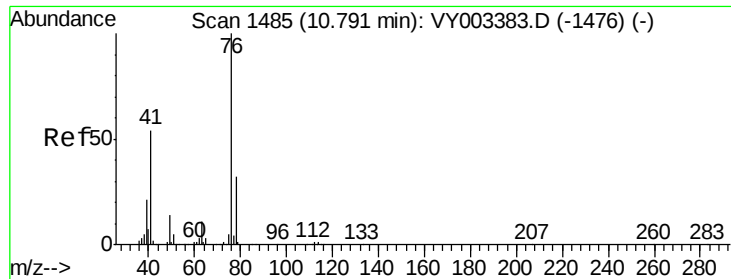
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#56
 Ethyl methacrylate
 Concen: 9.862 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion:	69	Resp:	53466
Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.2	78.4
39	28.8	24.7	37.1





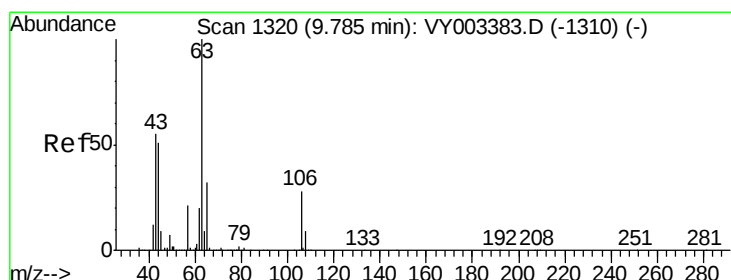
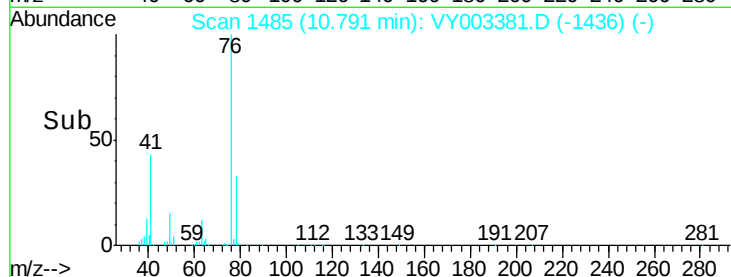
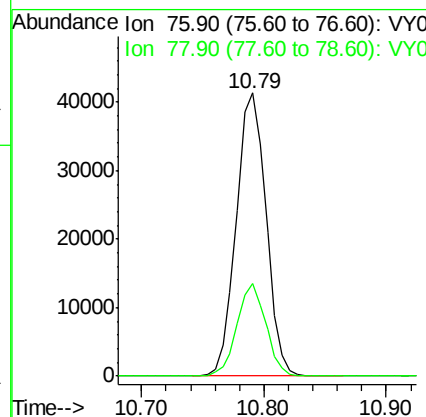
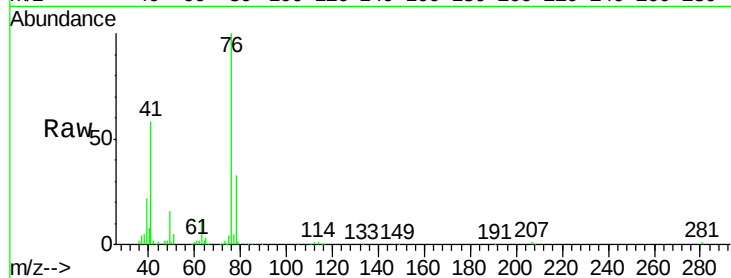
#57
 1,3-Dichloropropane
 Concen: 10.243 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.1	39.1

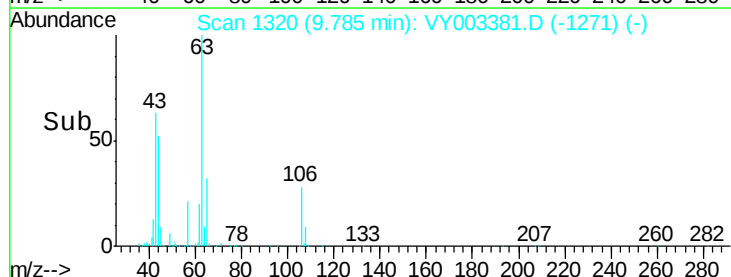
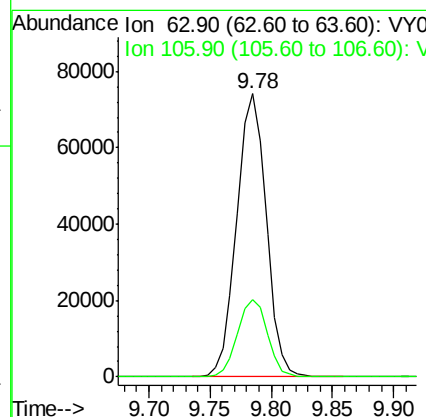
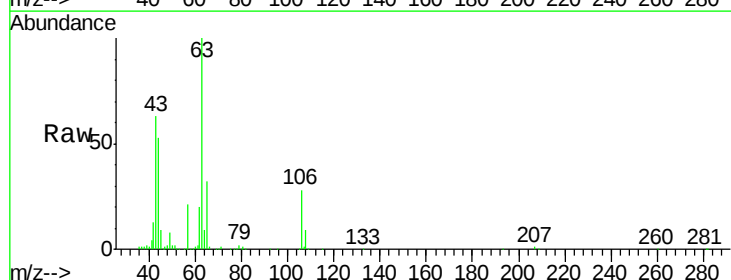
Manual Integrations
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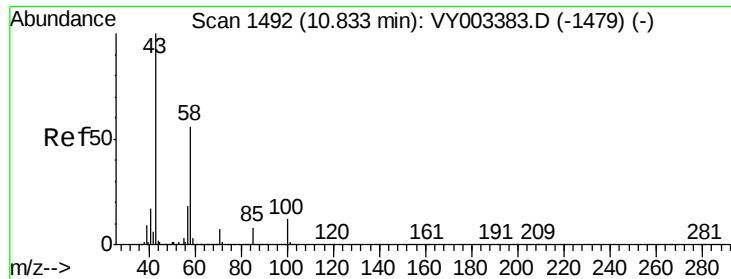
MMDadoda
 8/3/2020 12:37:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 45.942 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.8	32.6





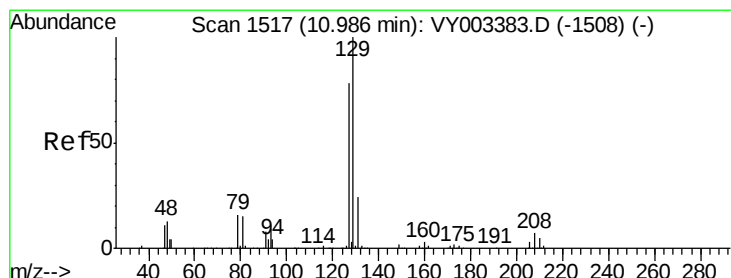
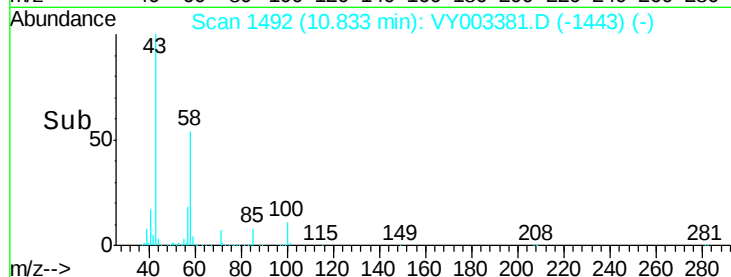
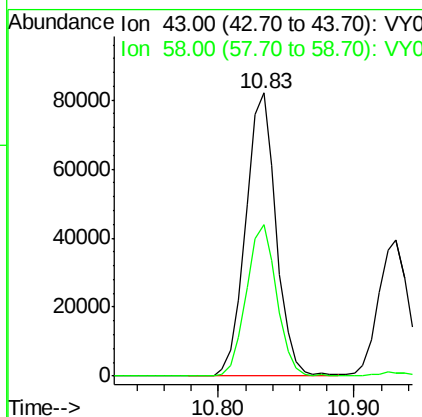
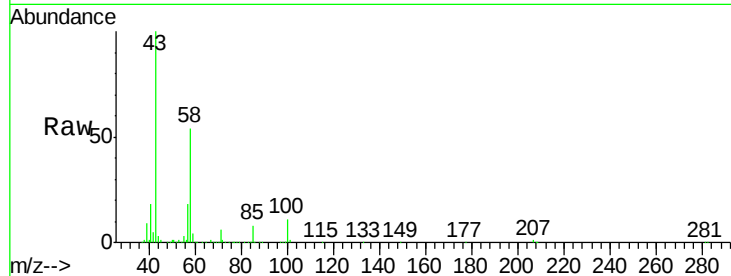
#59
2-Hexanone
Concen: 49.663 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 128116
Ion Ratio Lower Upper
43 100
58 53.6 27.6 82.8

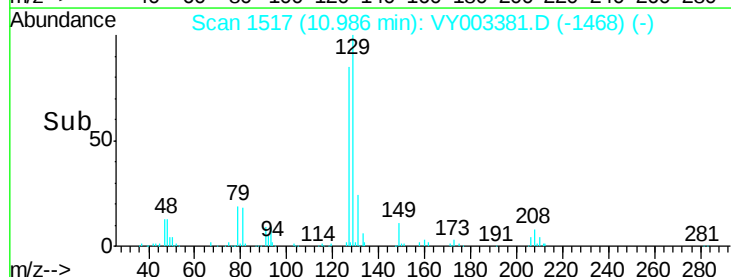
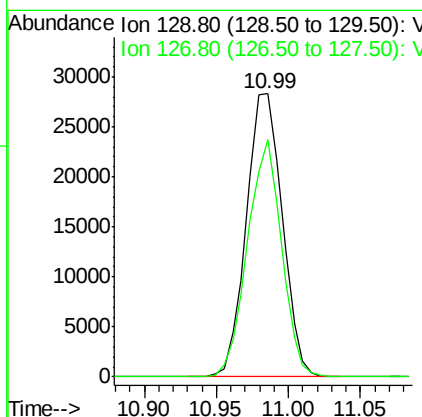
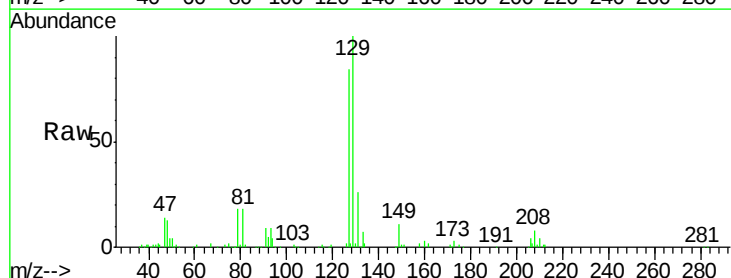
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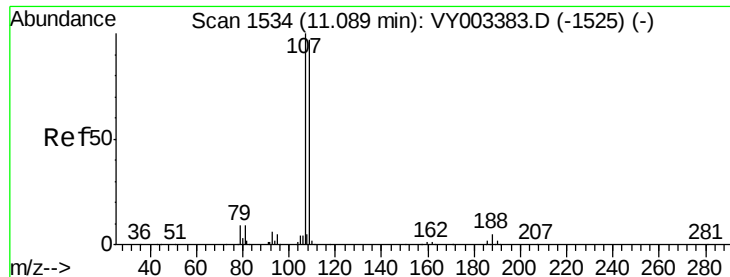
MMDadoda
8/3/2020 12:37:23 PM



#60
Dibromochloromethane
Concen: 9.730 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion: 129 Resp: 48861
Ion Ratio Lower Upper
129 100
127 79.4 38.7 116.1





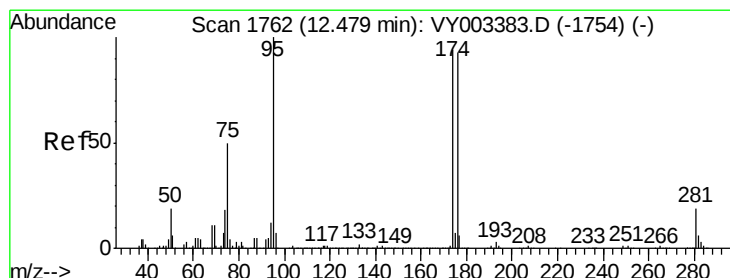
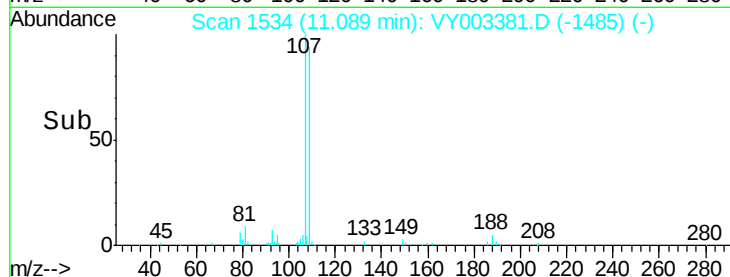
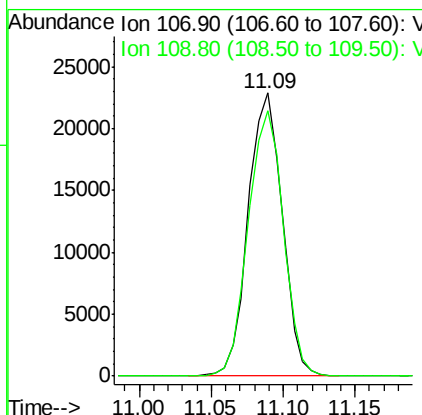
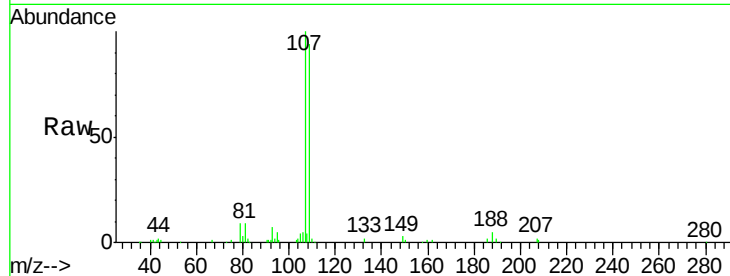
#61
1,2-Dibromoethane
Concen: 9.522 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.8	75.5	113.3

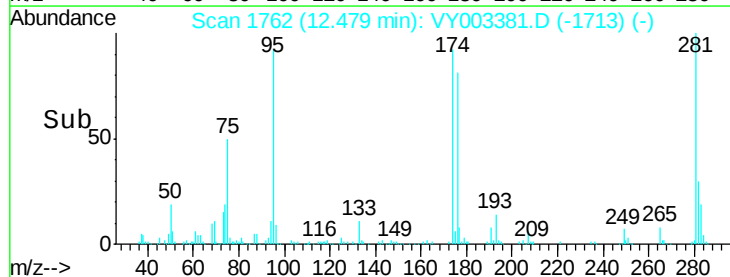
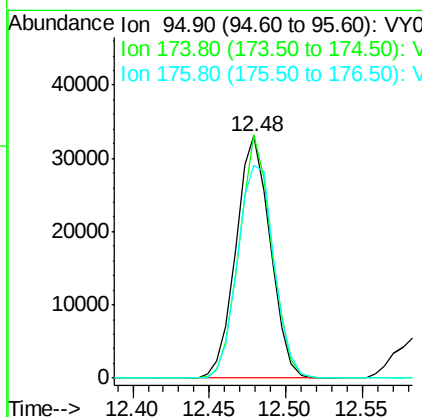
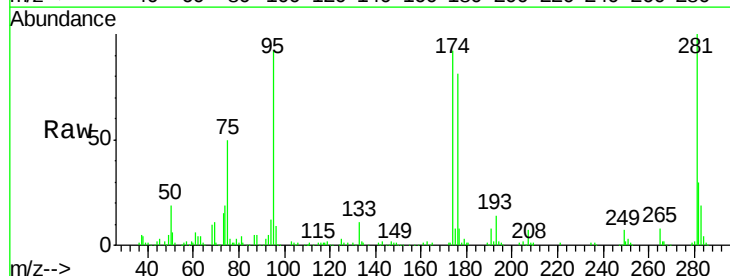
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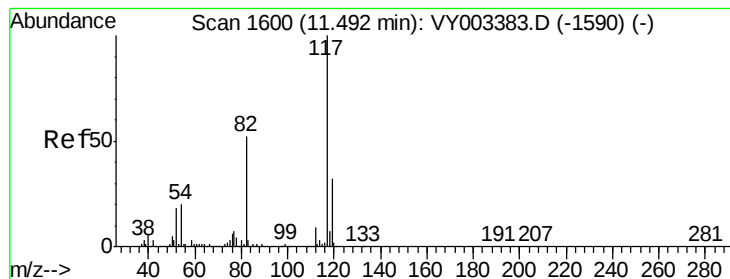
MMDadoda
8/3/2020 12:37:23 PM



#62
4-Bromofluorobenzene
Concen: 8.750 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	190.0
176	93.9	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: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

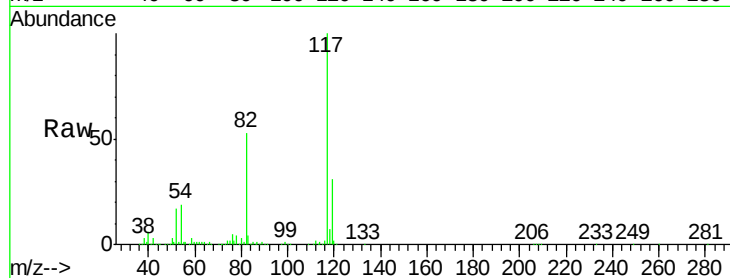
ClientSampled :

VSTDIC010

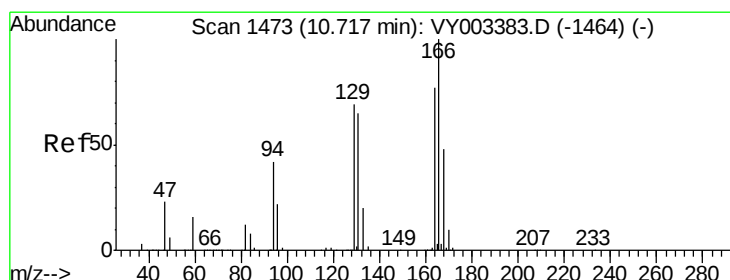
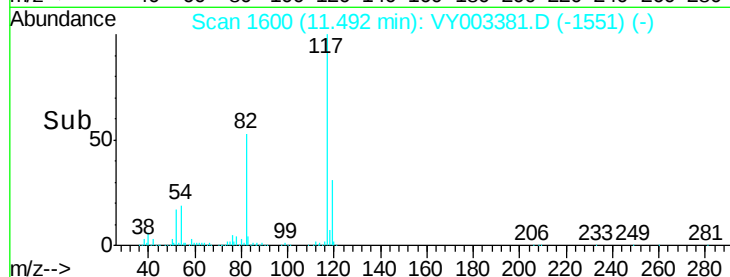
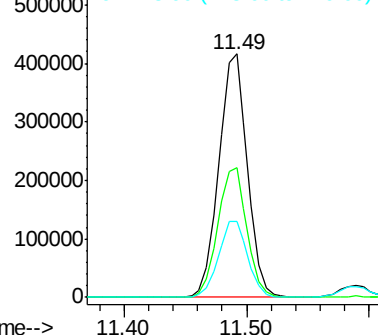
Tot Ion:	117	Resp:	673636
Ion Ratio	Lower	Upper	
117	100		
82	53.0	41.9	62.9
119	31.3	25.4	38.0

Manual Integrations
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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 9.547 ug/l

RT: 10.72 min Scan# 1473

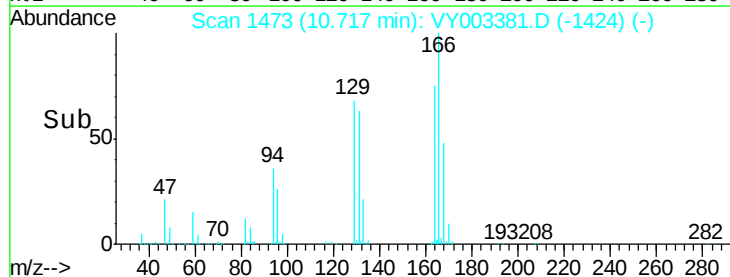
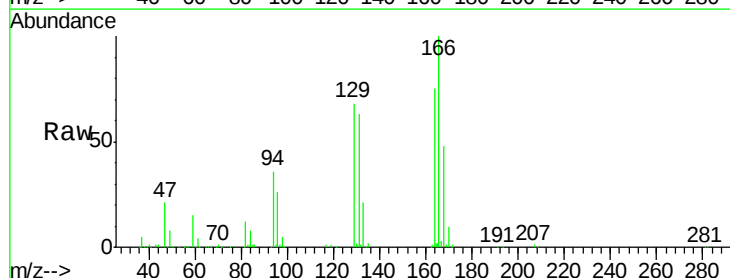
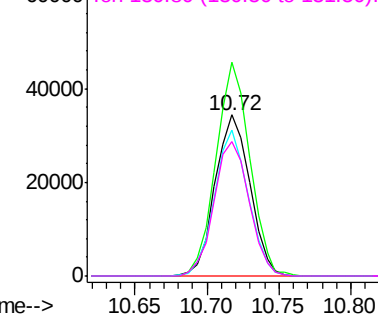
Delta R.T. 0.00 min

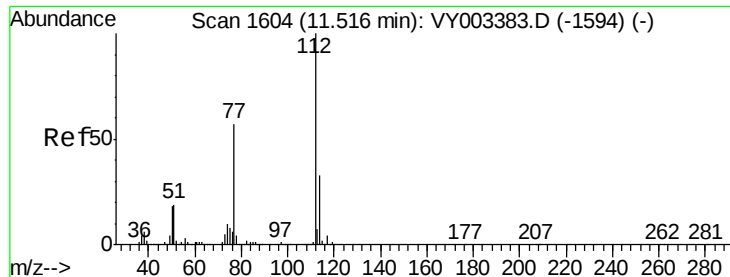
Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Tgt Ion:	164	Resp:	57465
Ion Ratio	Lower	Upper	
164	100		
166	132.8	103.3	154.9
129	90.7	71.2	106.8
131	83.8	67.4	101.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





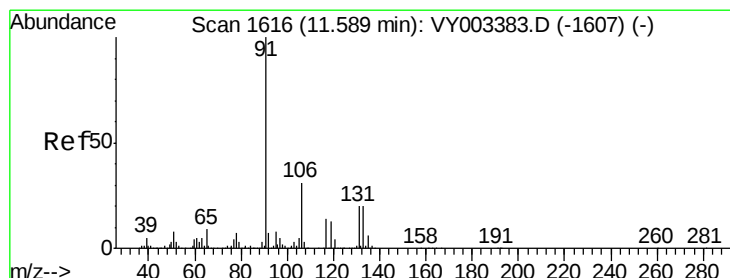
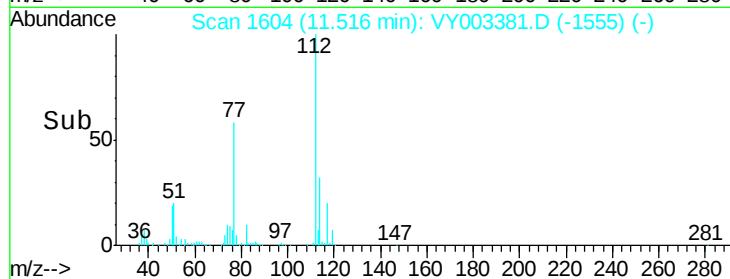
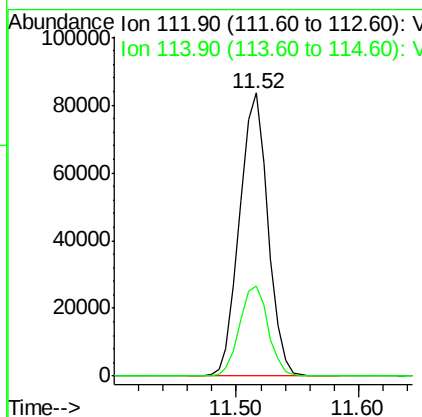
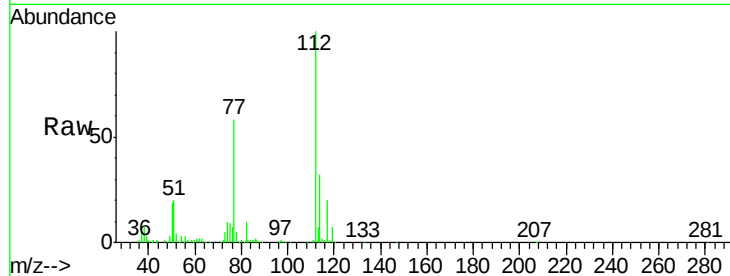
#65
Chlorobenzene
Concen: 10.187 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.1	39.1

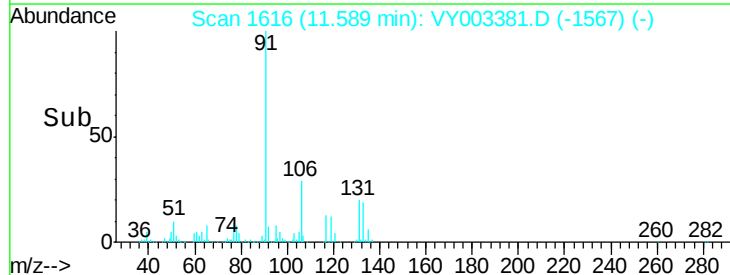
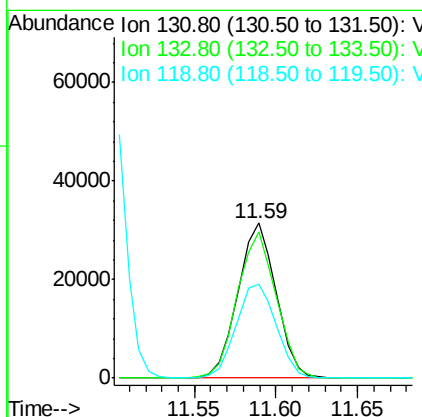
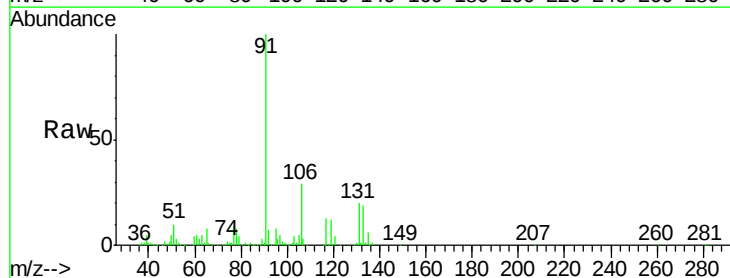
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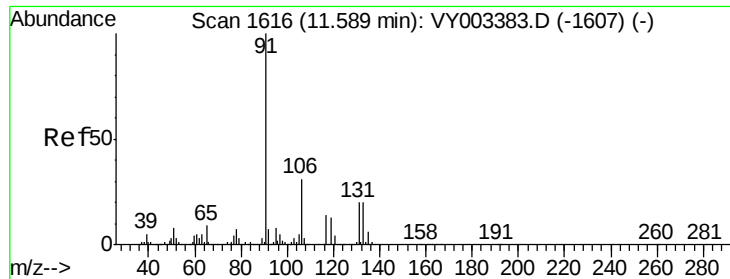
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#66
1,1,1,2-Tetrachloroethane
Concen: 9.999 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.1	144.3
119	64.0	32.0	96.2





#67

Ethyl Benzene

Concen: 10.149 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 239500

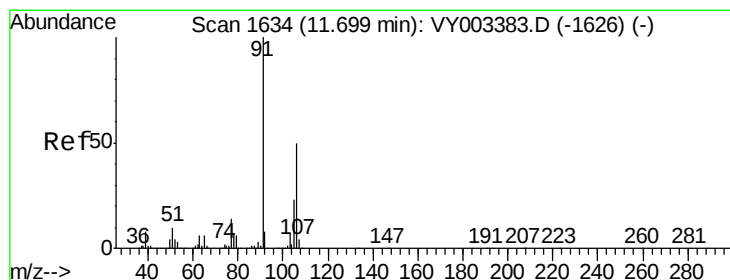
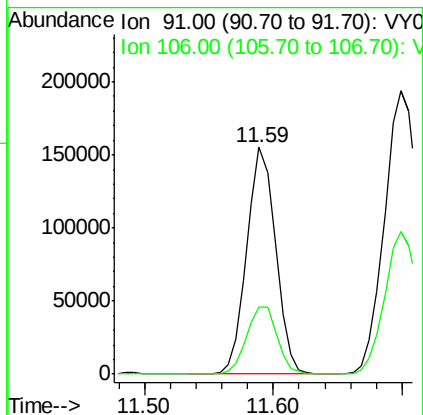
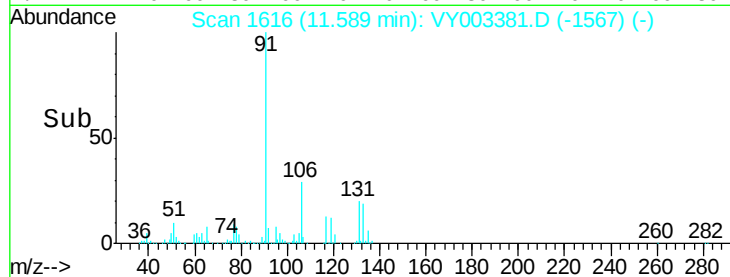
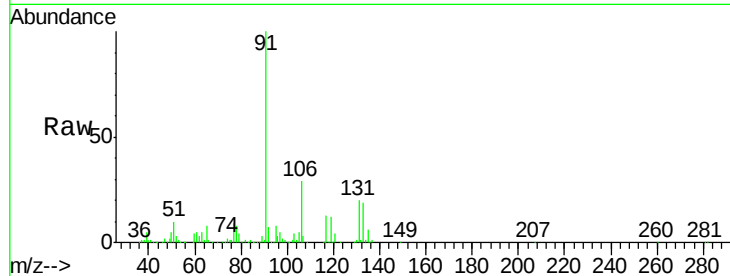
Ion Ratio Lower Upper

91 100

106 29.5 24.4 36.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 20.110 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003381.D

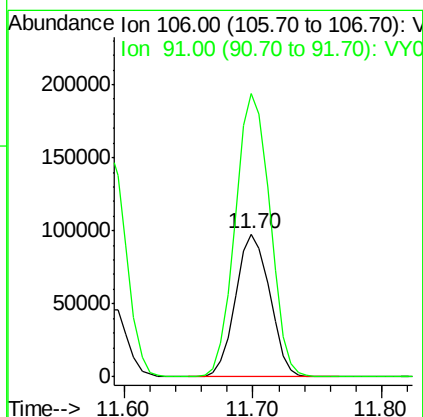
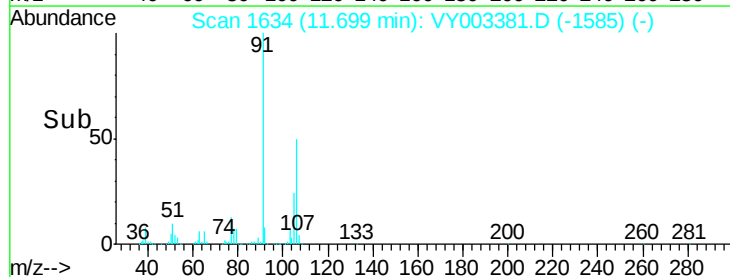
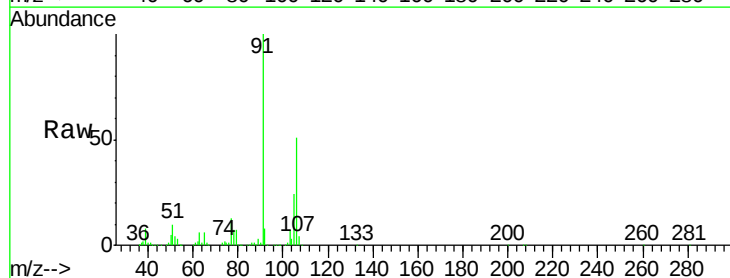
Acq: 31 Jul 2020 11:21

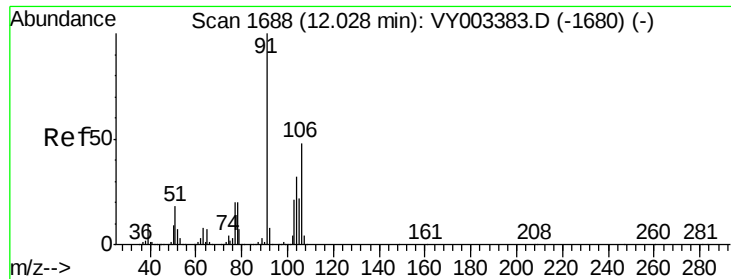
Tgt Ion: 106 Resp: 179861

Ion Ratio Lower Upper

106 100

91 200.9 161.0 241.6





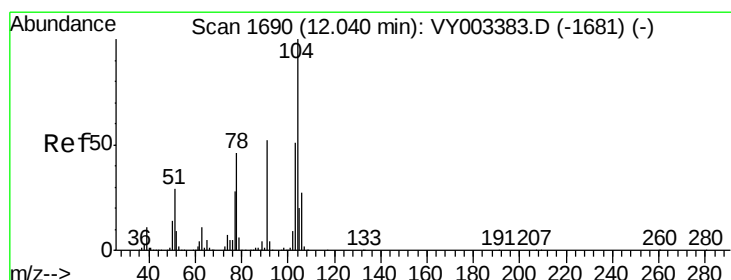
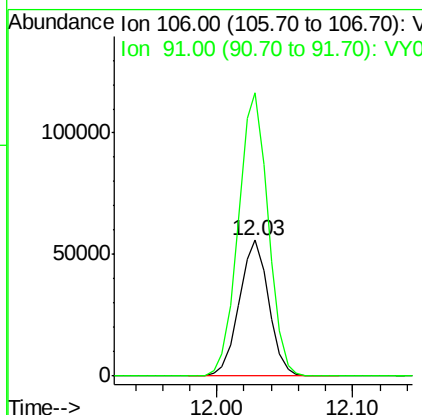
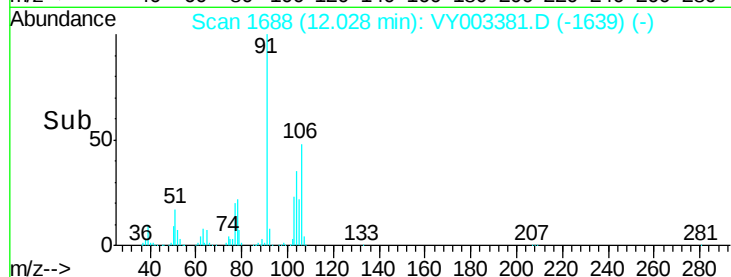
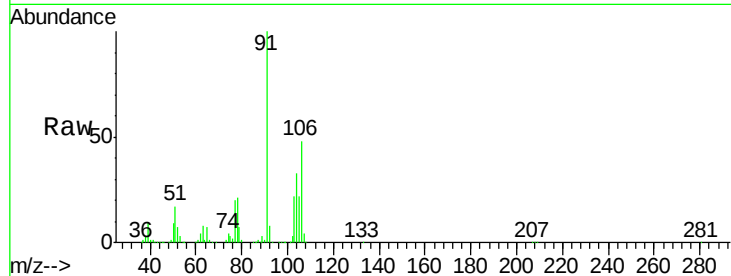
#69
o-Xylene
Concen: 10.071 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion:106 Resp: 84257
Ion Ratio Lower Upper
106 100
91 211.3 104.6 313.7

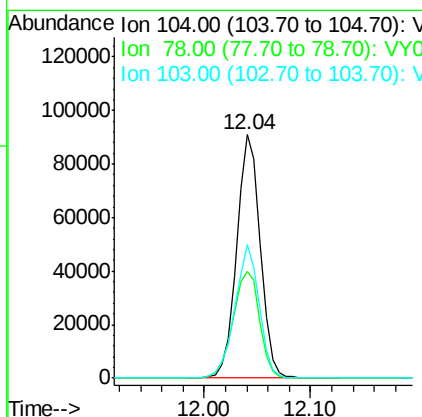
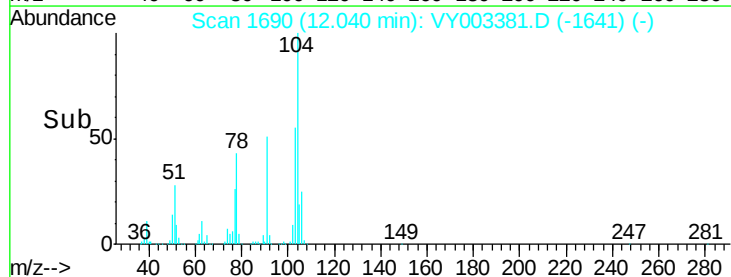
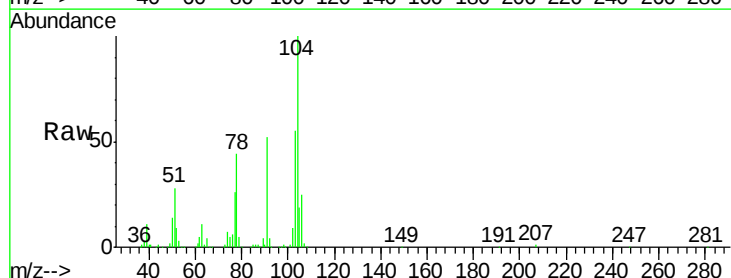
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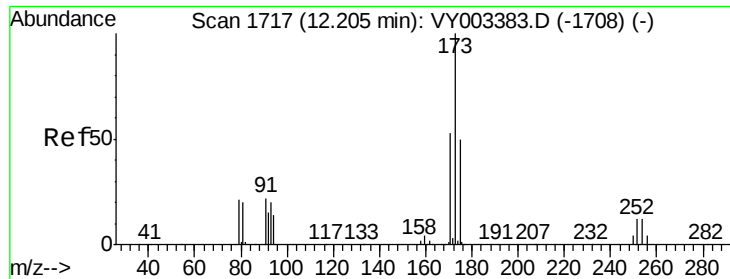
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#70
Styrene
Concen: 9.854 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion:104 Resp: 141000
Ion Ratio Lower Upper
104 100
78 49.5 39.3 58.9
103 56.6 43.7 65.5





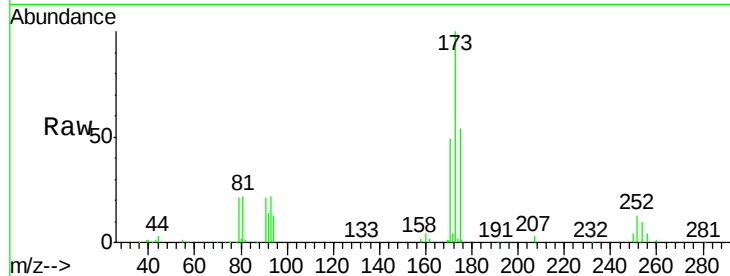
#71
Bromoform
Concen: 9.794 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.2
254	0.0	0.2	0.2

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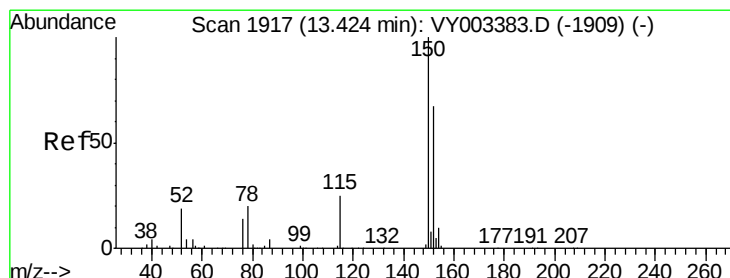
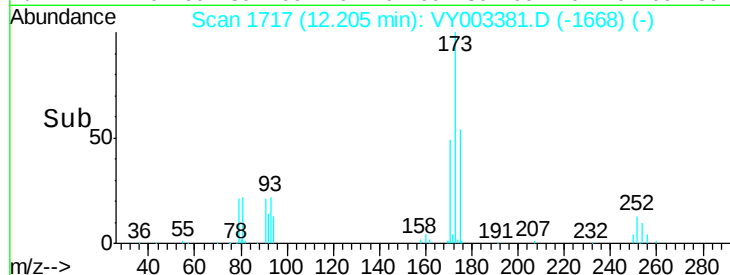
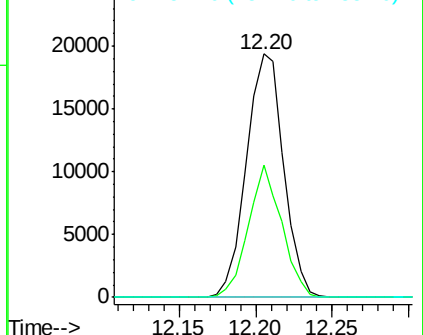


Abundance

Ion 172.70 (172.40 to 173.40): V

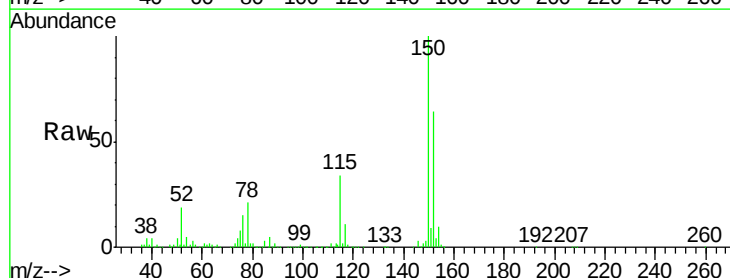
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.2	81.5
150	159.1	0.0	346.8

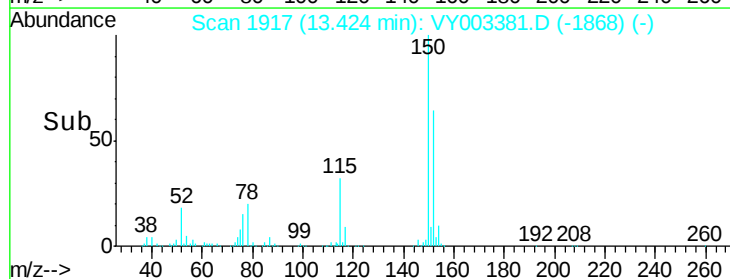
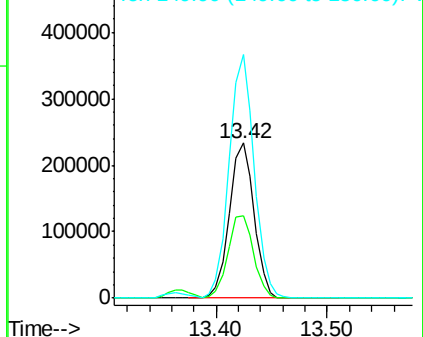


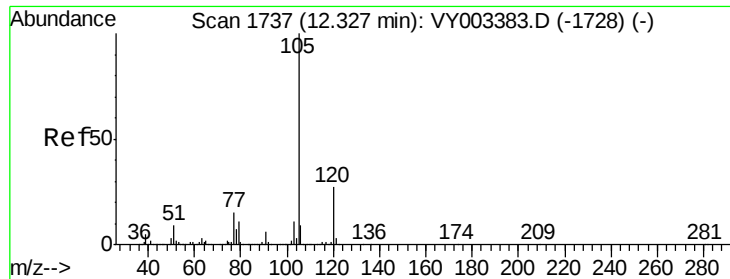
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.088 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 233533

Ion Ratio Lower Upper

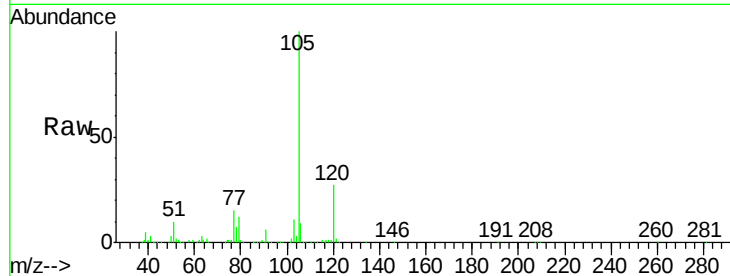
105 100

120 27.2 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

150000

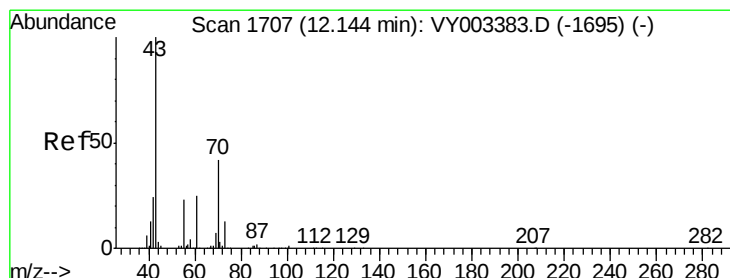
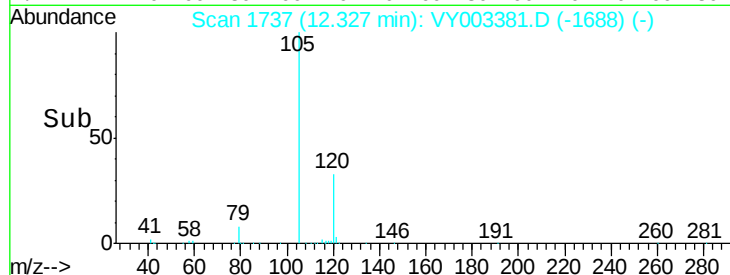
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 10.048 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Tgt Ion: 43 Resp: 65440

Ion Ratio Lower Upper

43 100

70 41.0 33.6 50.4

55 25.0 18.5 27.7

61 24.6 19.8 29.8

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

60000

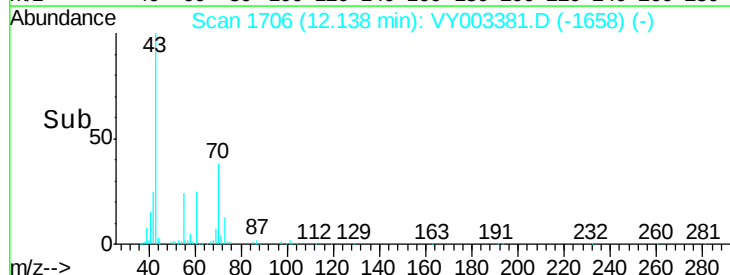
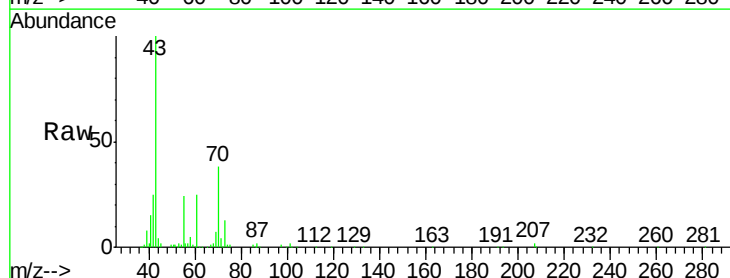
40000

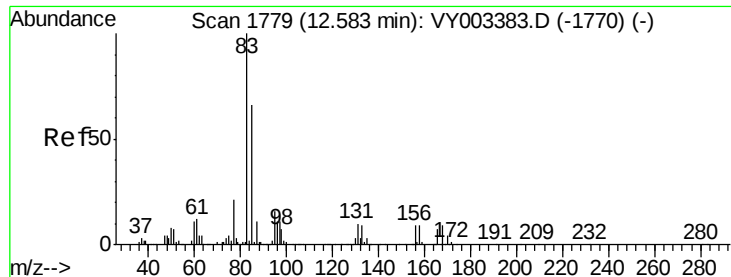
20000

0

Time-->

12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 10.167 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

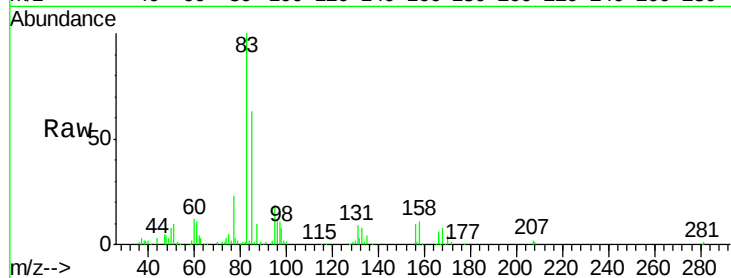
ClientSampleId :

VSTDIC010

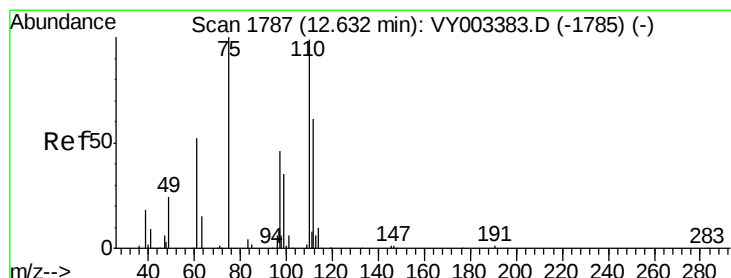
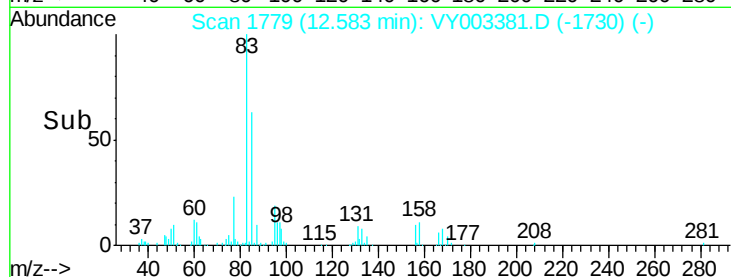
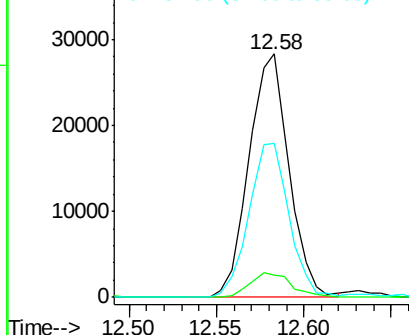
Tot Ion:	83	Resp:	45464
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	63.2	31.9	95.5

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 9.583 ug/l m

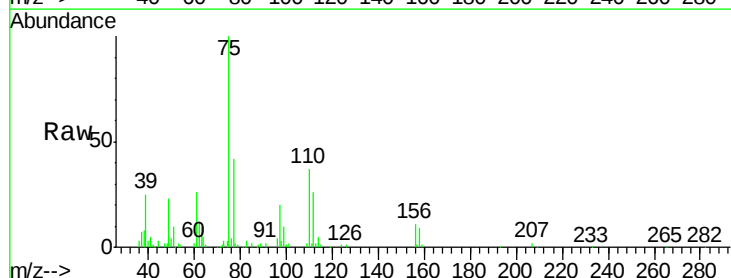
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

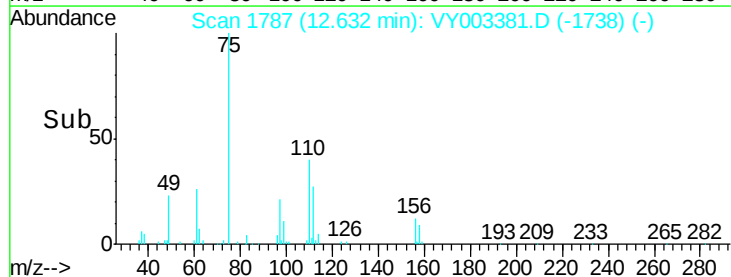
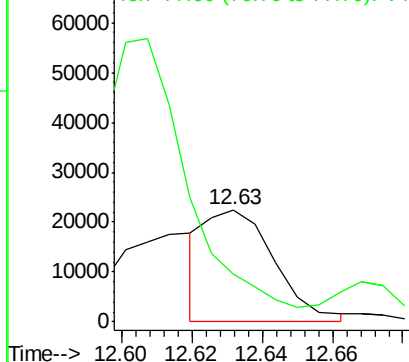
Lab File: VY003381.D

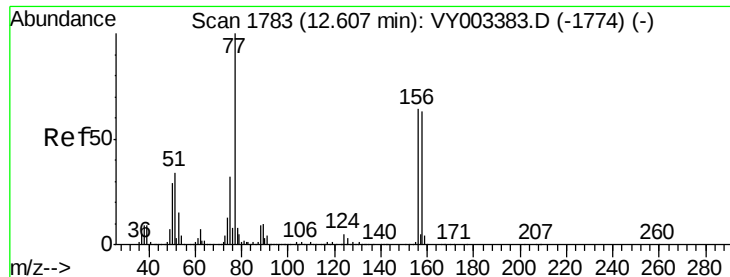
Acq: 31 Jul 2020 11:21

Tgt Ion:	75	Resp:	30607
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 10.004 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 58956

Ion Ratio Lower Upper

156 100

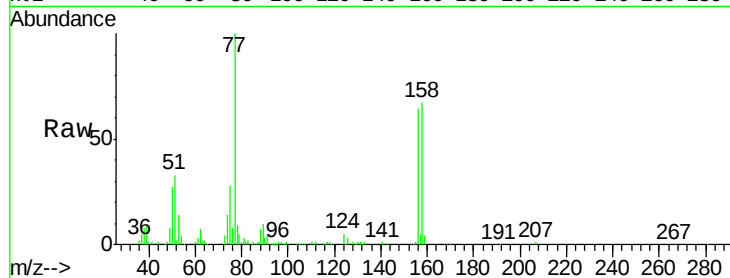
77 175.8 87.5 262.5

158 99.2 48.7 146.1

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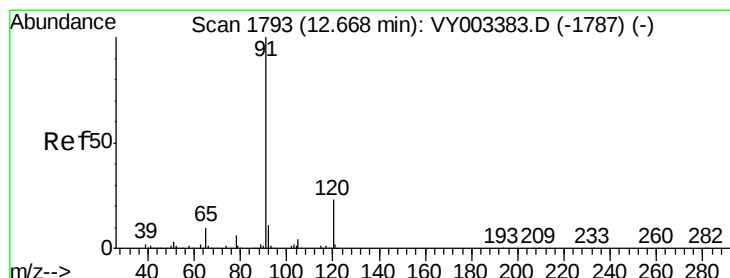
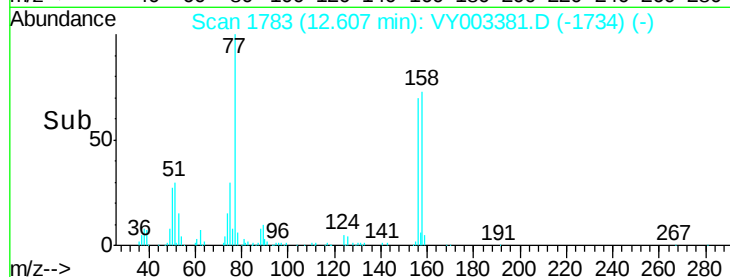
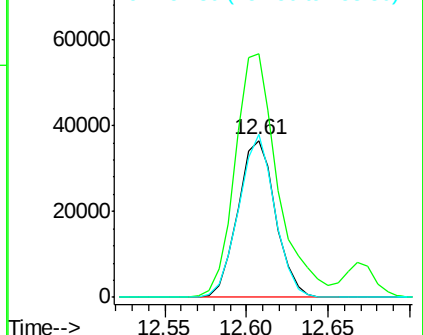
8/3/2020 12:37:23 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.226 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003381.D

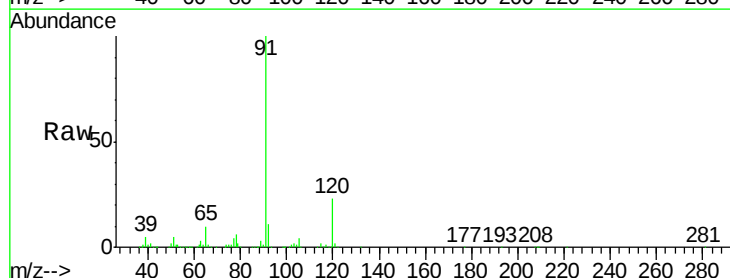
Acq: 31 Jul 2020 11:21

Tgt Ion: 91 Resp: 279887

Ion Ratio Lower Upper

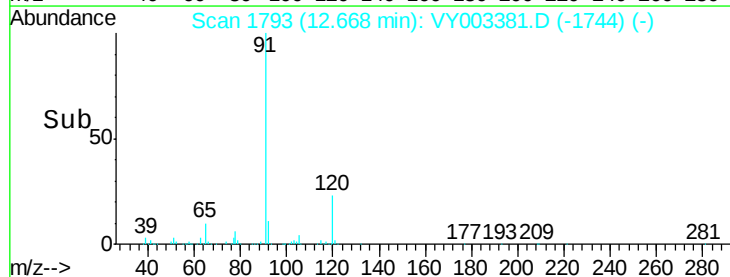
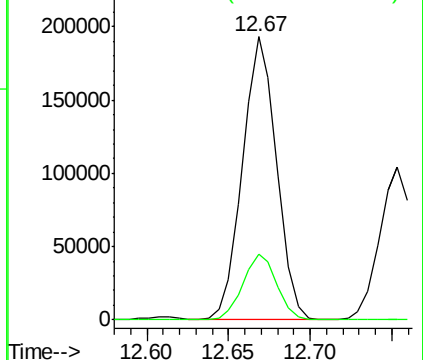
91 100

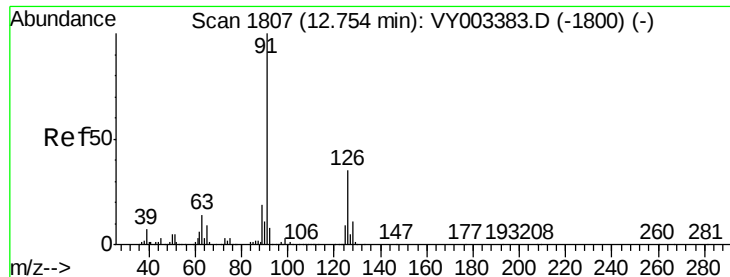
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.299 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 156907

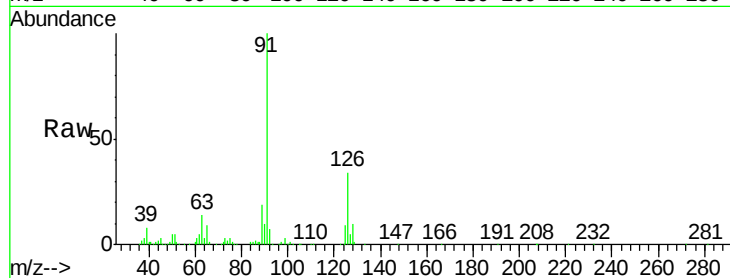
Ion Ratio Lower Upper

91 100

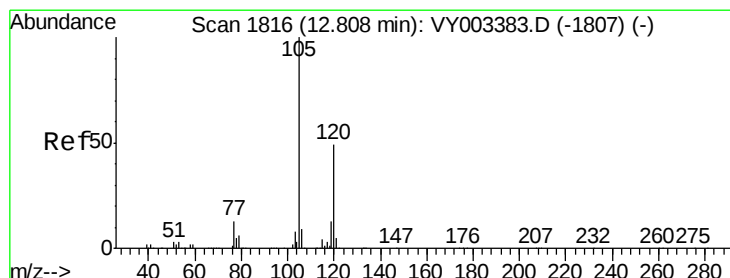
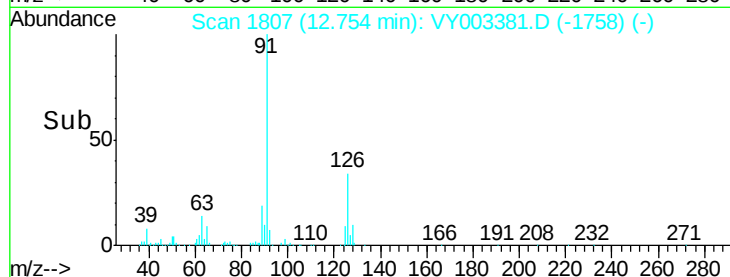
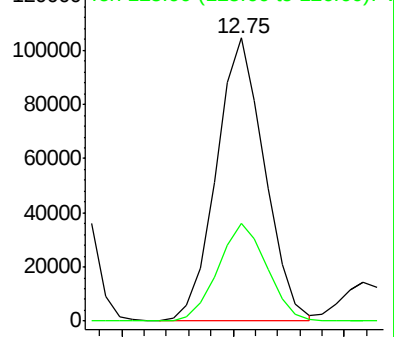
126 35.1 17.9 53.7

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Abundance Ion 91.00 (90.70 to 91.70): VY003381.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.138 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003381.D

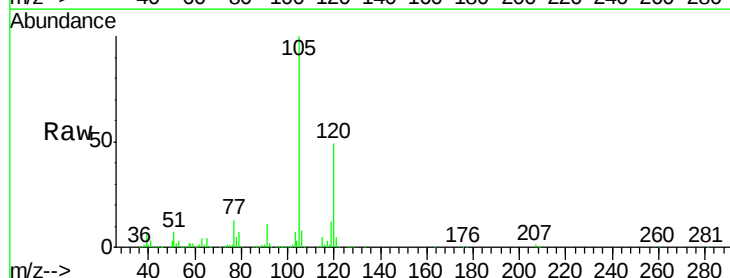
Acq: 31 Jul 2020 11:21

Tgt Ion: 105 Resp: 195830

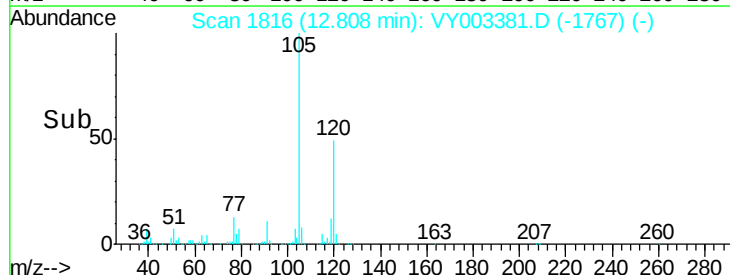
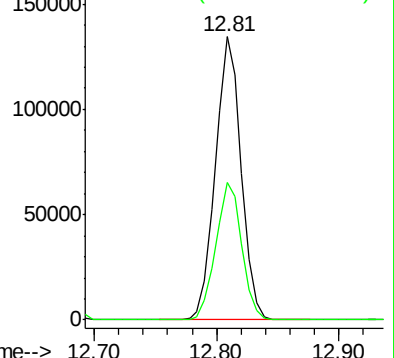
Ion Ratio Lower Upper

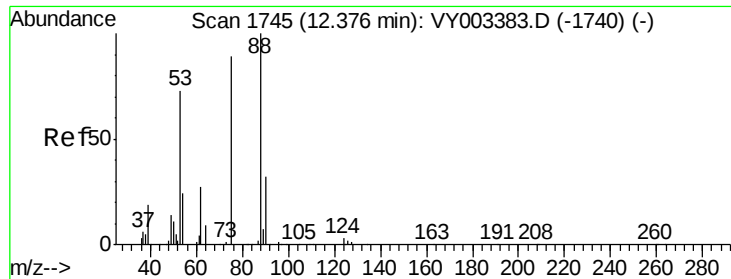
105 100

120 48.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003381.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 10.094 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

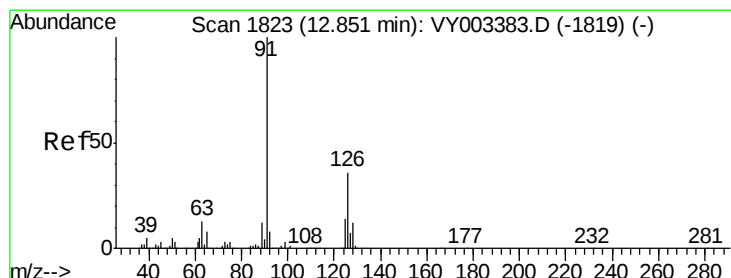
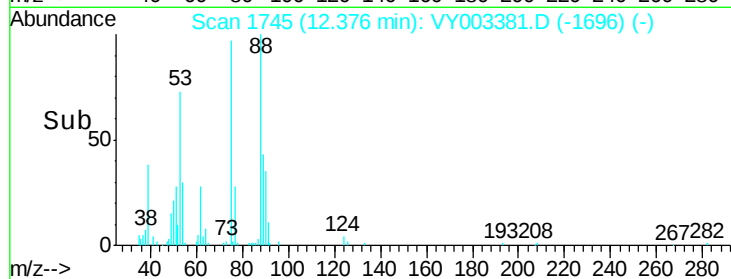
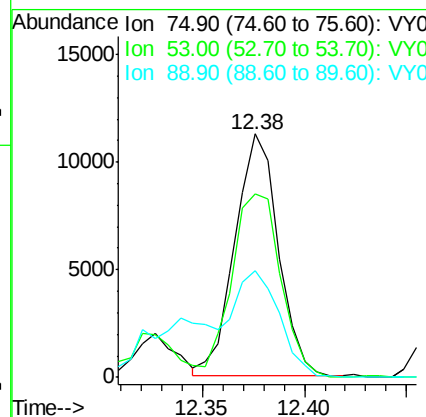
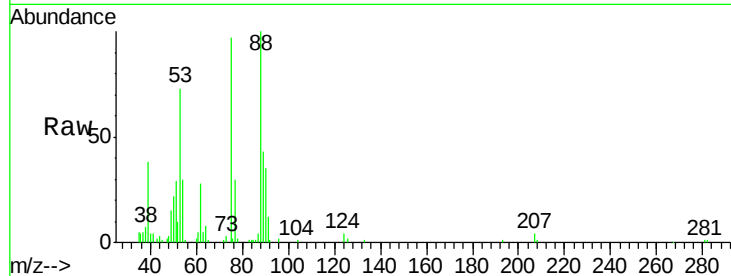
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	16634
Ion	Ratio	Lower	Upper
75	100		
53	84.9	69.5	104.3
89	46.4	33.8	50.6

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#82

4-Chlorotoluene

Concen: 10.223 ug/l

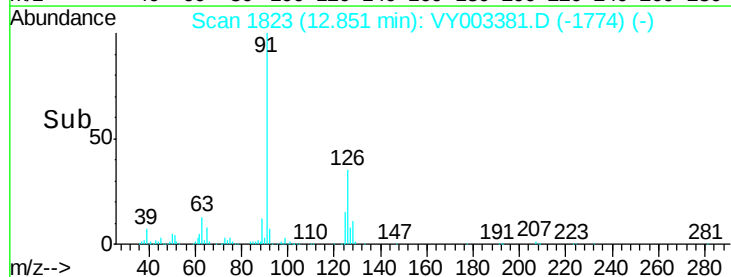
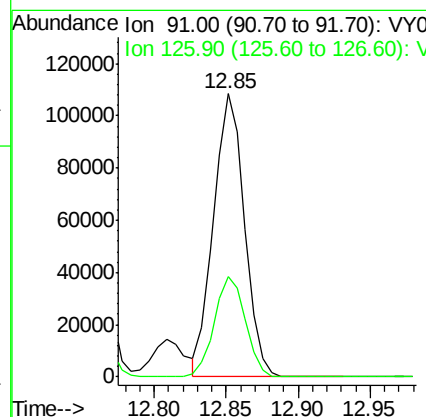
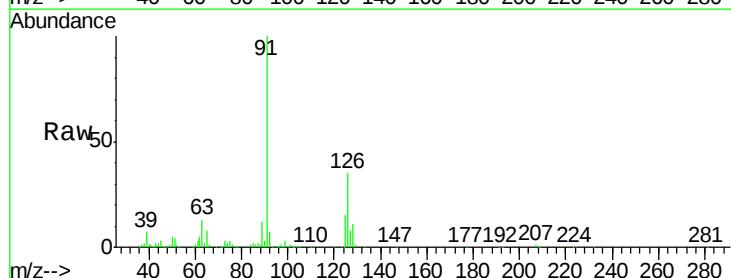
RT: 12.85 min Scan# 1823

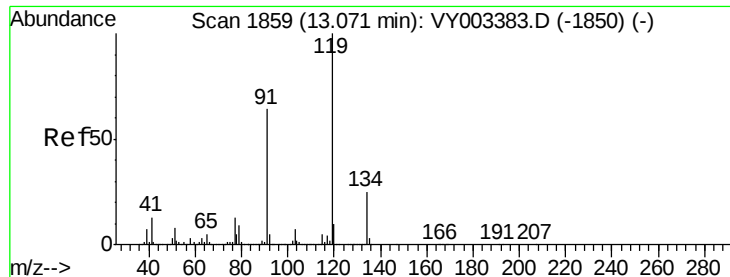
Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Tgt Ion:	91	Resp:	162544
Ion	Ratio	Lower	Upper
91	100		
126	35.7	18.1	54.4





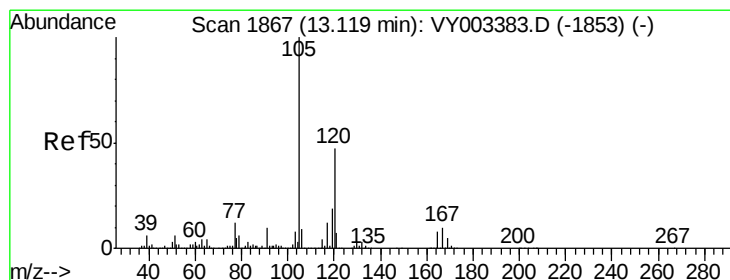
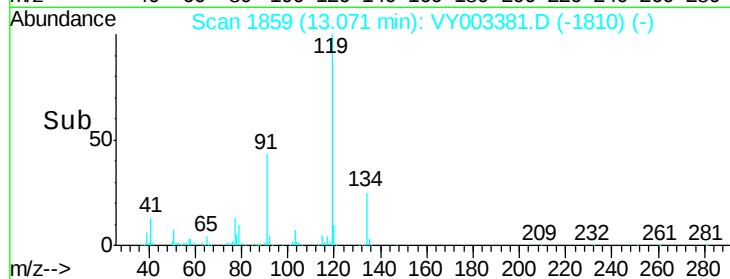
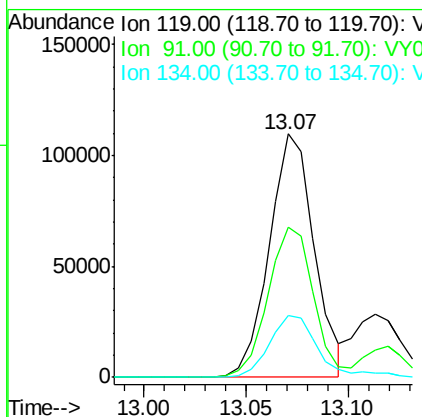
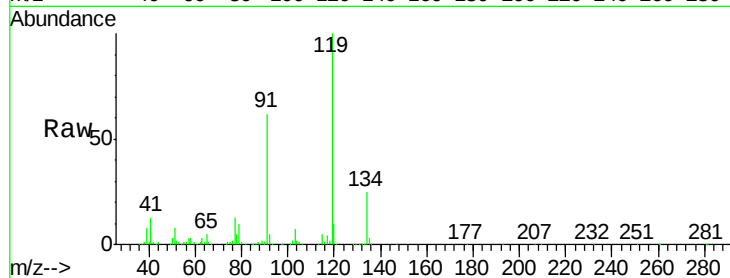
#83
tert-Butylbenzene
Concen: 9.912 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.9	31.8	95.3
134	27.6	13.6	40.8

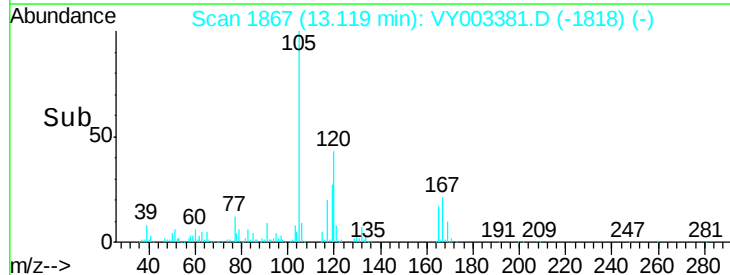
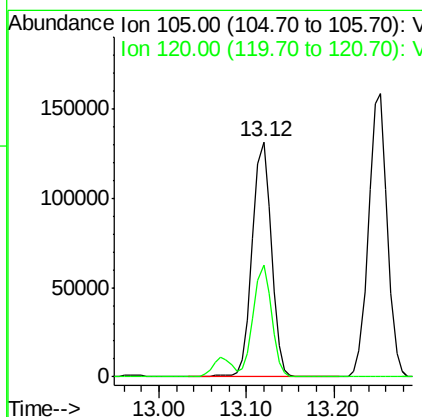
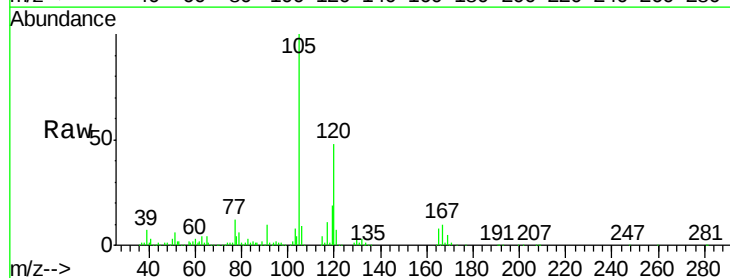
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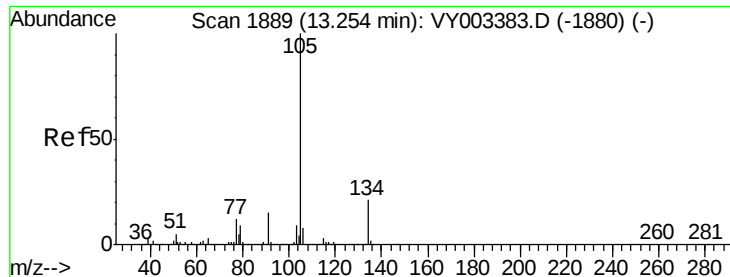
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#84
1,2,4-Trimethylbenzene
Concen: 10.177 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.3





#85

sec-Butylbenzene

Concen: 10.157 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 238084

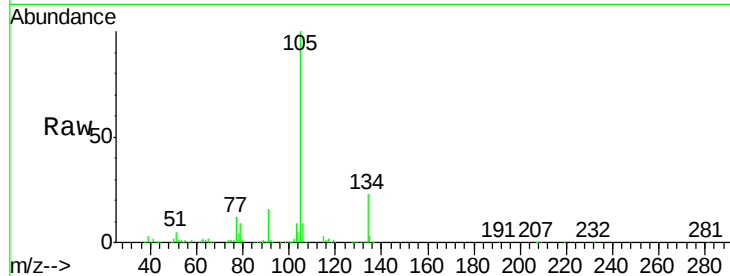
Ion Ratio Lower Upper

105 100

134 21.7 10.4 31.4

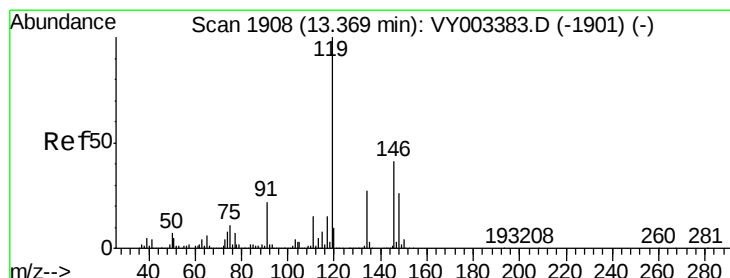
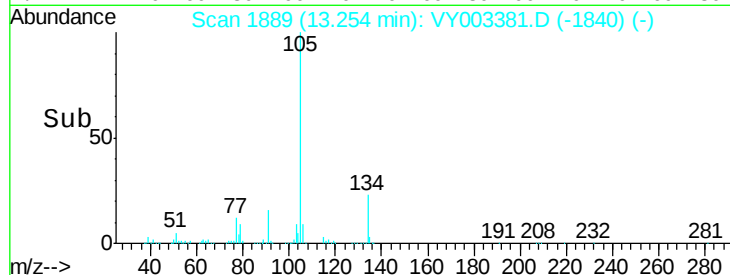
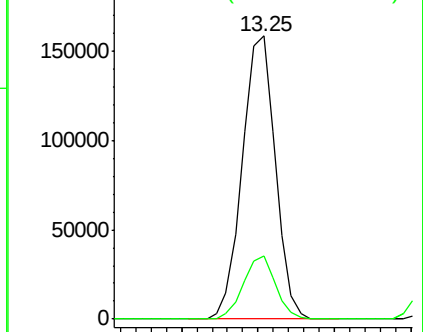
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.131 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

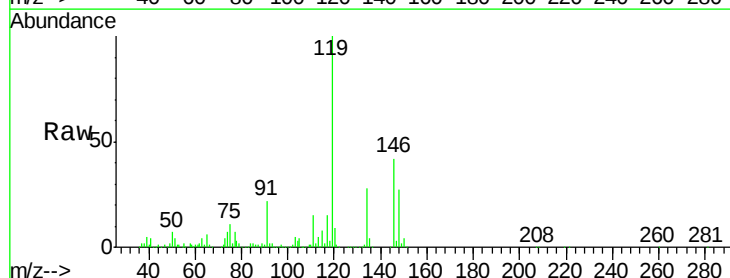
Tgt Ion:119 Resp: 221721

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

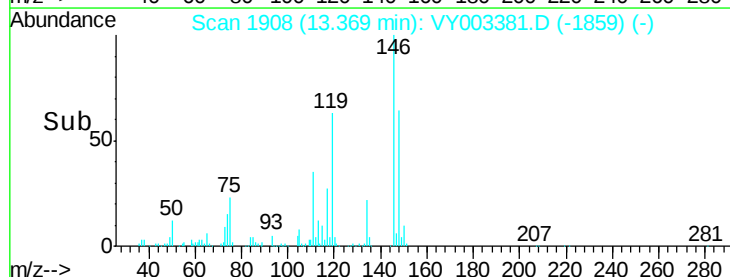
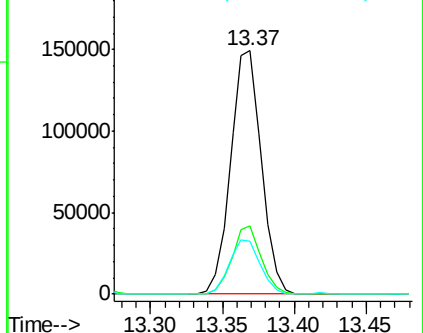
91 22.5 11.4 34.1

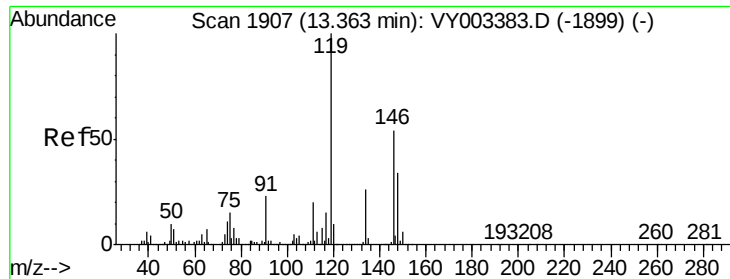


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 10.101 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

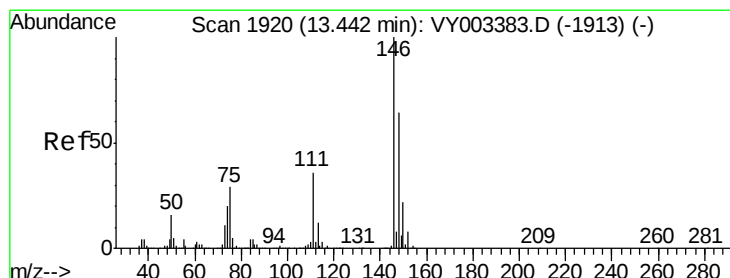
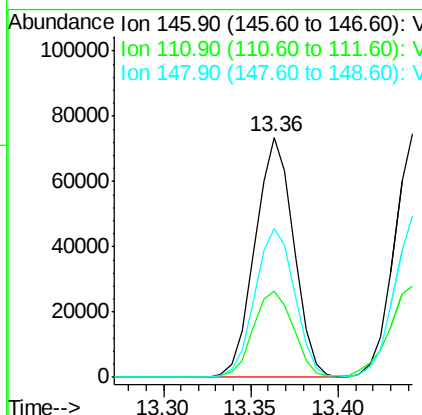
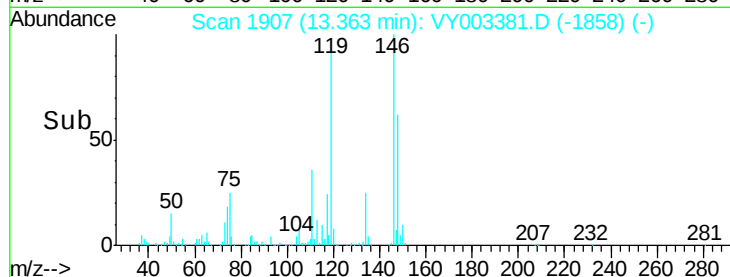
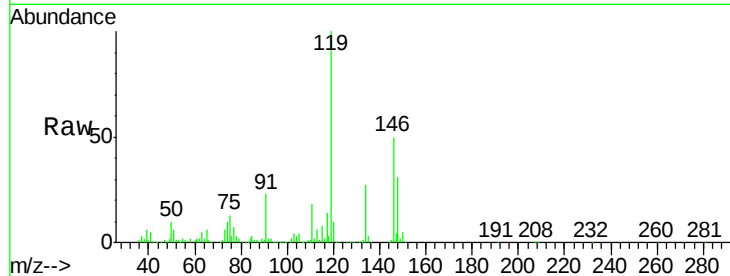
Instrument :
MSVOA_Y

ClientSampled :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	112813		
111	37.3	18.8	56.4	
148	64.0	31.9	95.9	

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#88

1,4-Dichlorobenzene

Concen: 10.079 ug/l

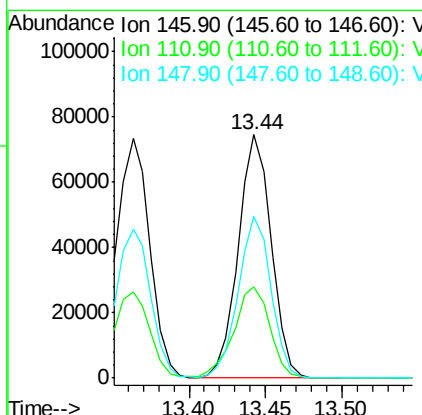
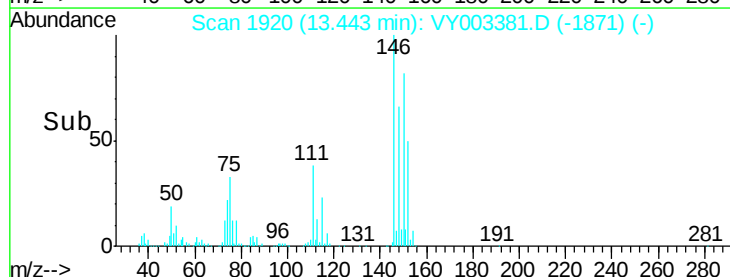
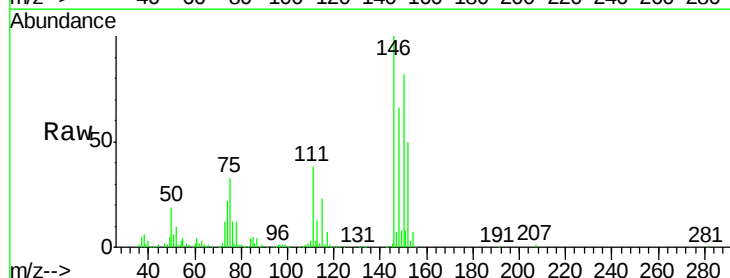
RT: 13.44 min Scan# 1920

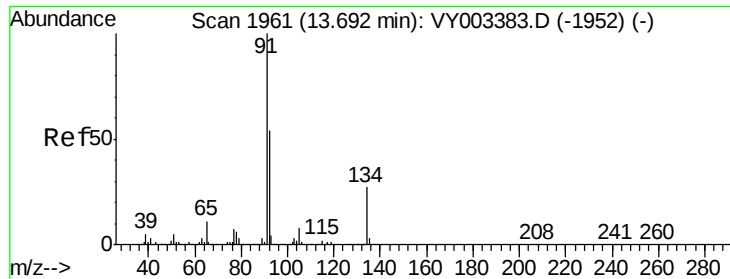
Delta R.T. 0.00 min

Lab File: VY003381.D

Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	111495		
111	41.4	18.1	54.3	
148	66.4	32.1	96.3	





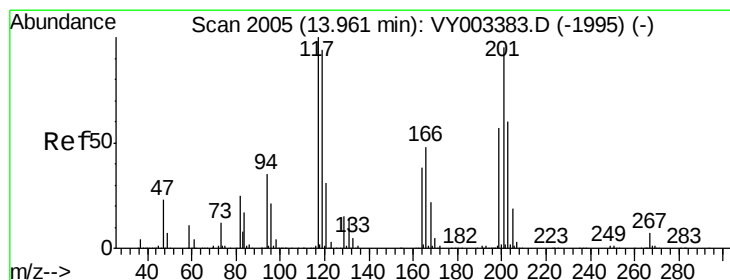
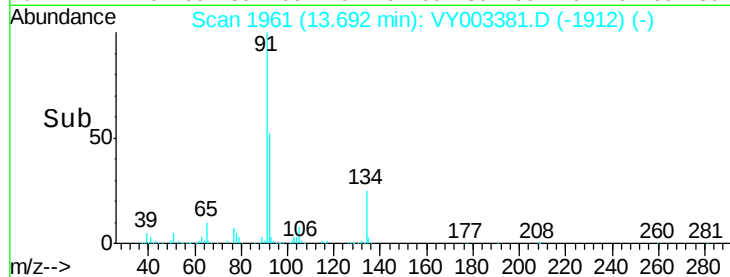
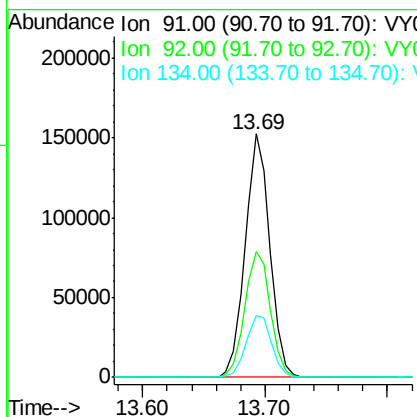
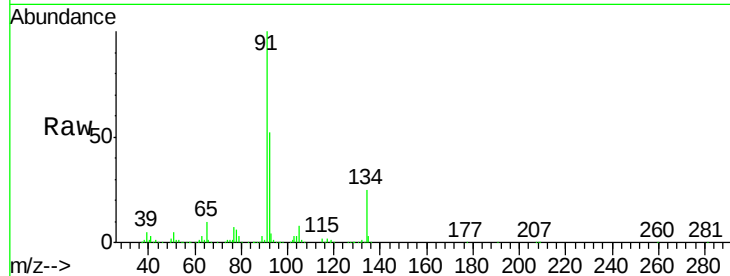
#89
n-Butylbenzene
Concen: 10.319 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.6
134	26.5	13.6	40.7

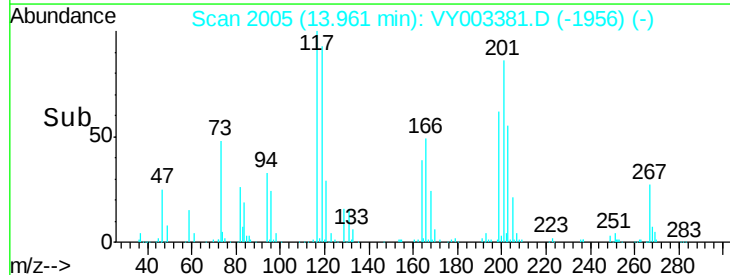
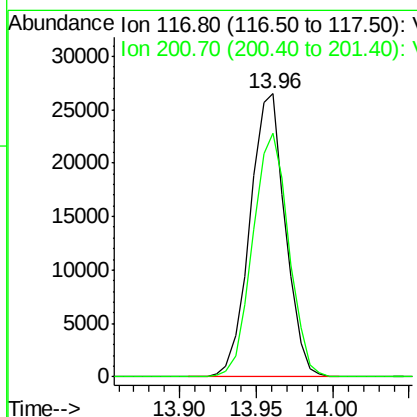
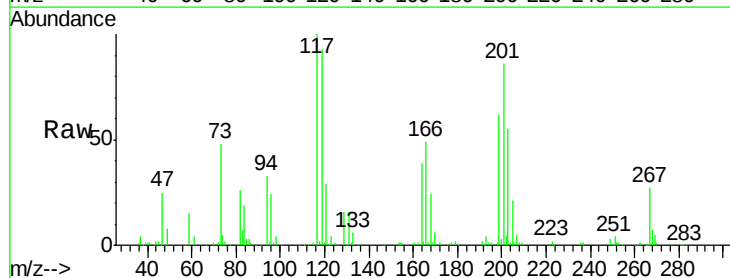
Manual Integrations
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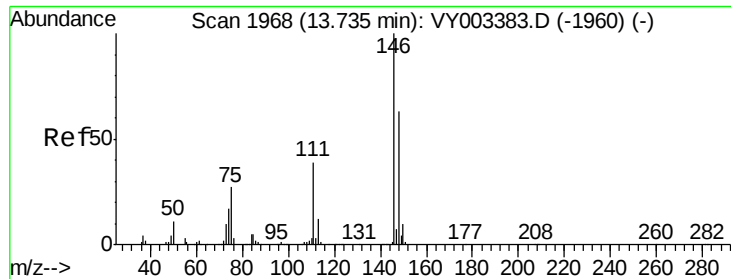
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#90
Hexachloroethane
Concen: 10.599 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.7	134.1





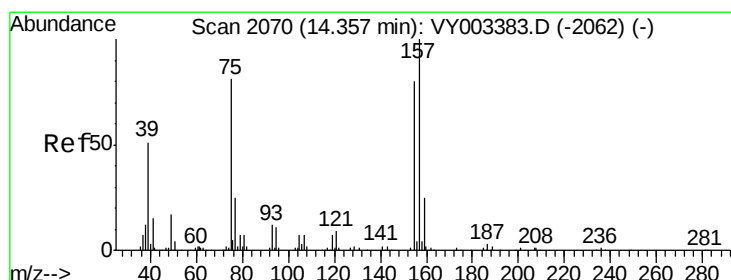
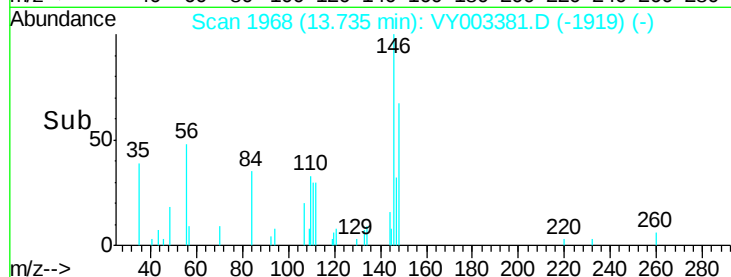
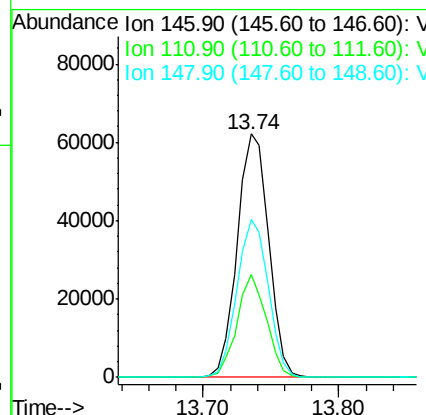
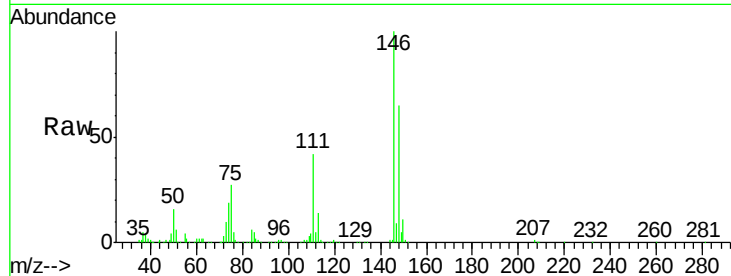
#91
 1,2-Dichlorobenzene
 Concen: 10.179 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.2	57.6
148	64.8	32.1	96.5

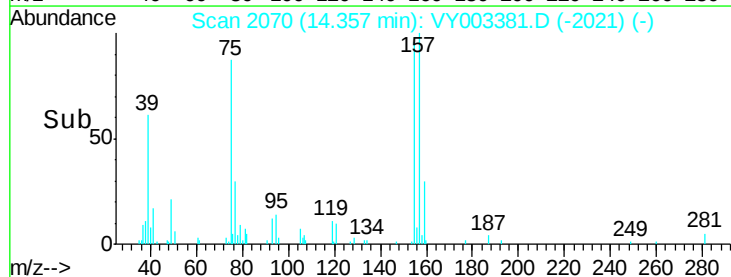
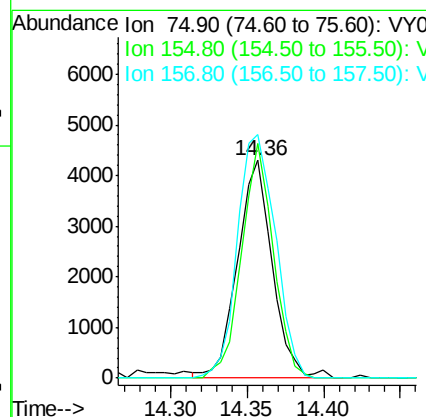
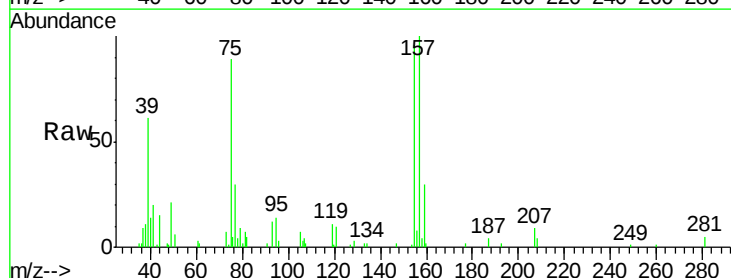
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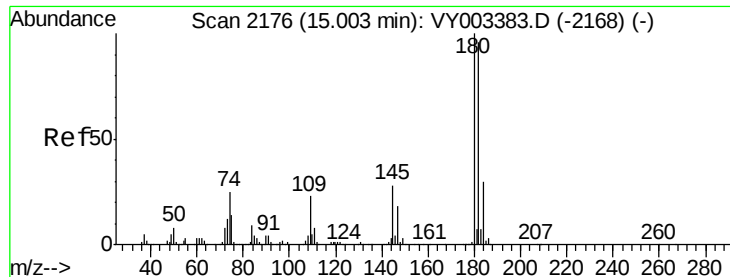
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.369 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	48.8	146.4
157	122.6	60.9	182.6





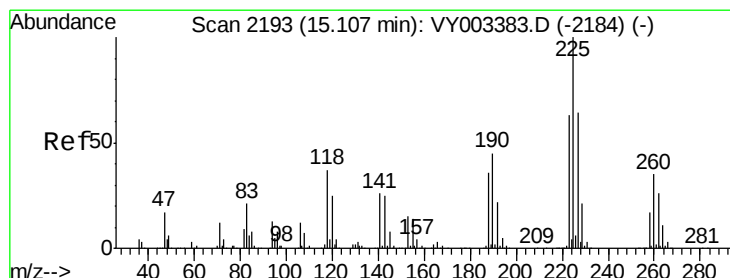
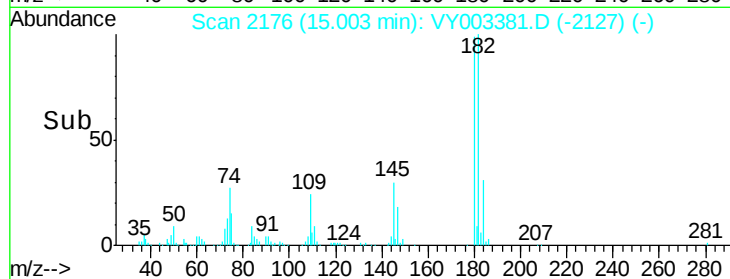
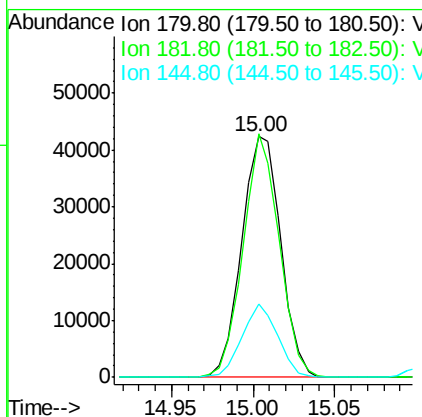
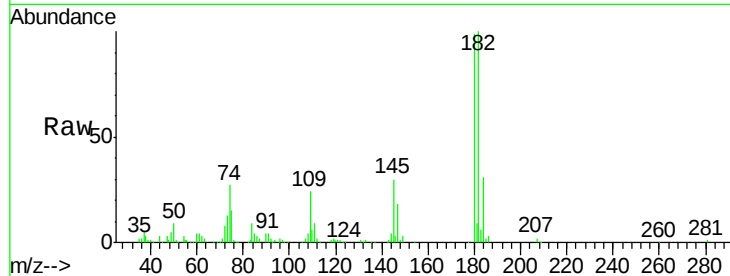
#93
 1,2,4-Trichlorobenzene
 Concen: 10.068 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.7	48.2	144.6	
145	27.8	13.8	41.3	

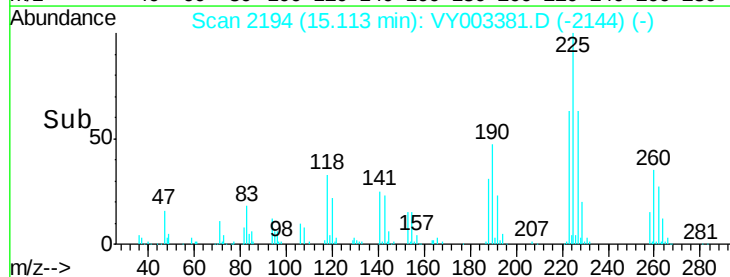
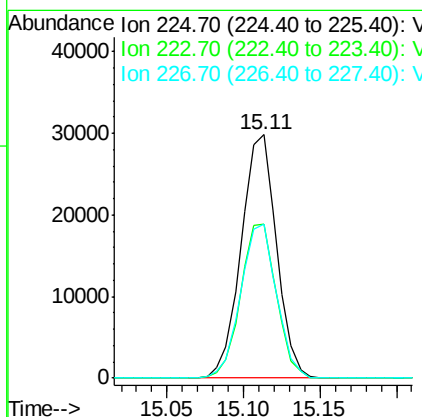
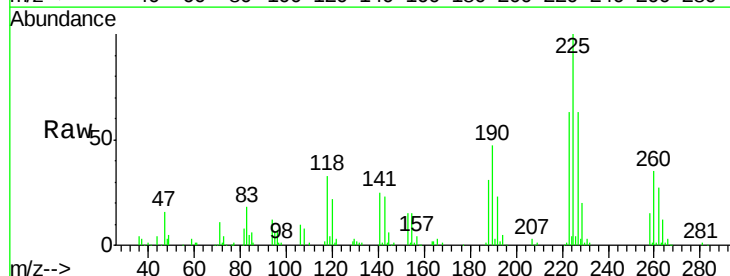
Manual Integrations
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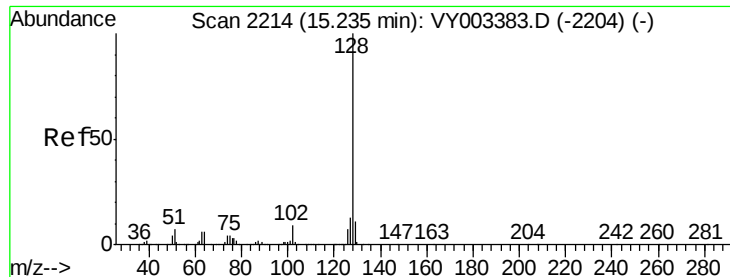
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#94
 Hexachlorobutadiene
 Concen: 10.031 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003381.D
 Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	31.6	94.8	
227	64.1	32.0	96.2	





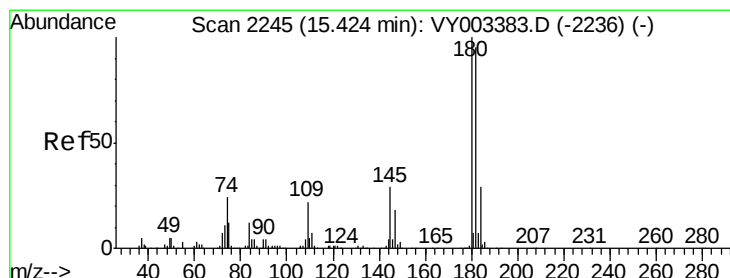
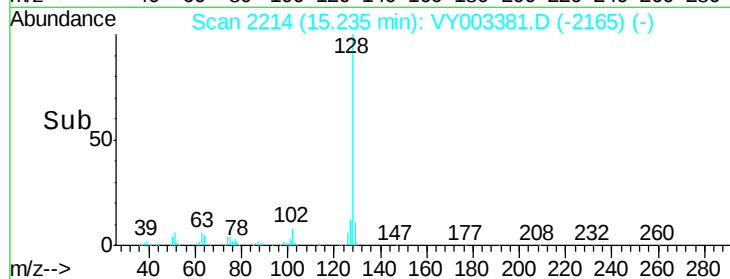
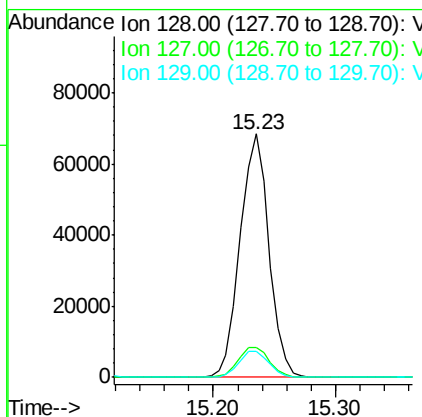
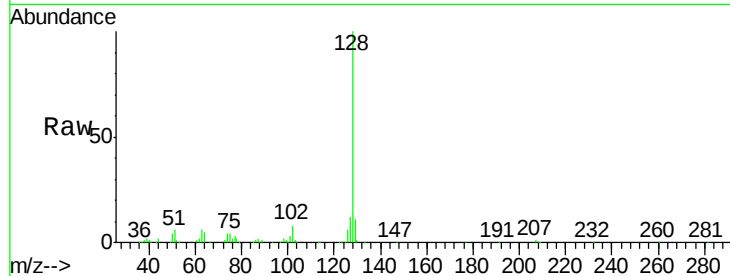
#95
Naphthalene
Concen: 9.635 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.3	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 10.037 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003381.D
Acq: 31 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	31.1	14.5	43.5

